LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Title : SFAM01.0

Signal : TIC: VW020312.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.946	650	663	679	rBV	184831	550342	1.70%	0.101%
2	6.988	823	834	843	rBV	249295	735687	2.27%	0.135%
3	7.653	931	943	949	rBV	149149	411665	1.27%	0.076%
4	7.951	979	992	1000	rBV3	411482	1613857	4.99%	0.297%
5	8.037	1000	1006	1017	rVB2	159674	435498	1.35%	0.080%
6	8.159	1017	1026	1032	rBV	467760	1073855	3.32%	0.198%
7	8.281	1040	1046	1062	rVB3	279989	960469	2.97%	0.177%
8	8.439	1062	1072	1078	rBV3	371267	1001734	3.10%	0.184%
9	8.512	1078	1084	1089	rVV2	265017	575061	1.78%	0.106%
10	8.579	1089	1095	1105	rVB	595618	1364439	4.22%	0.251%
11	8.695	1105	1114	1127	rVB	1013556	1989323	6.15%	0.366%
12	8.841	1127	1138	1144	rBV2	464287	1054084	3.26%	0.194%
13	9.335	1202	1219	1226	rBV	2620605	6879628	21.27%	1.267%
14	9.518	1236	1249	1255	rBV	445066	886852	2.74%	0.163%
15	9.610	1255	1264	1271	rVB	509051	1050766	3.25%	0.193%
16	9.756	1282	1288	1298	rVB2	787444	1617930	5.00%	0.298%
17	9.902	1307	1312	1316	rVV2	299455	526168	1.63%	0.097%
18	9.957	1316	1321	1332	rVB2	1521738	3300791	10.21%	0.608%
19	10.097	1337	1344	1355	rVB2	1082621	2571476	7.95%	0.473%
20	10.207	1355	1362	1366	rBV	534286	1024576	3.17%	0.189%
21	10.323	1374	1381	1385	rBV2	2126748	4037096	12.48%	0.743%
22	10.360	1385	1387	1396	rVB2	741680	1166194	3.61%	0.215%
23	10.445	1396	1401	1404	rBV	303364	508744	1.57%	0.094%
24	10.506	1404	1411	1418	rVB2	2865725	5586672	17.28%	1.028%
25	10.670	1433	1438	1444	rVB	1289161	2338553	7.23%	0.431%
26	10.756	1444	1452	1459	rBV5	849098	2368565	7.32%	0.436%
27	10.847	1463	1467	1472	rVB2	389024	678581	2.10%	0.125%
28	10.939	1472	1482	1488	rBV	1311705	2521440	7.80%	0.464%
29	11.042	1488	1499	1505	rBV6	601516	2305011	7.13%	0.424%
30	11.109	1505	1510	1513	rBV2	602525	1008538	3.12%	0.186%
31	11.146	1513	1516	1517	rVV2	352110	430996	1.33%	0.079%
32	11.183	1517	1522	1526	rVV	1824029	3058463	9.46%	0.563%
33	11.231	1526	1530	1535	rVV	2419797	4045171	12.51%	0.745%
34	11.286	1535	1539	1543	rVB3	389834	572274	1.77%	0.105%
35	11.335	1543	1547	1552	rVB2	1231436	1980878	6.13%	0.365%
36	11.414	1552	1560	1571	rVB4	2125032	6149463	19.02%	1.132%

LSC Area Percent Report

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Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Title : SFAM01.0

37	11.512	1571	1576	1581	rBV	2466203	4000417	12.37%	0.736%
38	11.634	1591	1596	1600	rBV2	563263	1036123	3.20%	0.191%
39	11.731	1607	1612	1615	rBV2	477145	794760	2.46%	0.146%
40	11.768	1615	1618	1620	rBV	451605	539090	1.67%	0.099%
41	11.810	1620	1625	1626	rBV	933977	1353710	4.19%	0.249%
42	11.841	1626	1630	1634	rBV	3763720	5289105	16.36%	0.974%
43	11.920	1639	1643	1648	rVB2	1477371	2651379	8.20%	0.488%
44	11.975	1648	1652	1656	rBV3	456746	830398	2.57%	0.153%
45	12.060	1663	1666	1672	rVB3	513117	988741	3.06%	0.182%
46	12.140	1672	1679	1686	rBV3	2640649	6703783	20.73%	1.234%
47	12.256	1690	1698	1702	rVV	4658391	7819957	24.18%	1.440%
48	12.365	1702	1716	1724	rVV4	4613669	17744471	54.87%	3.267%
49	12.463	1728	1732	1734	rVV4	1253282	2419539	7.48%	0.445%
50	12.512	1735	1740	1741	rVV2	2414382	4372170	13.52%	0.805%
51	12.542	1742	1745	1748	rVV	4165121	7201864	22.27%	1.326%
52	12.573	1748	1750	1754	rVB	3406382	3751106	11.60%	0.691%
53	12.621	1754	1758	1759	rBV3	771987	944096	2.92%	0.174%
54	12.652	1759	1763	1767	rVV	2855623	4024606	12.45%	0.741%
55	12.701	1767	1771	1775	rVV2	824847	1198981	3.71%	0.221%
56	12.786	1780	1785	1791	rVB4	3656410	6913715	21.38%	1.273%
57	12.859	1791	1797	1800	rBV5	1518334	3236120	10.01%	0.596%
58	12.932	1800	1809	1816	rBV4	9643318	21225433	65.63%	3.908%
59	12.993	1816	1819	1824	rVB2	2505569	3750190	11.60%	0.690%
60	13.103	1824	1837	1844	rBV3	6325275	18329889	56.68%	3.374%
61	13.170	1844	1848	1855	rVB	8602124	13043599	40.33%	2.401%
62	13.255	1859	1862	1865	rVB2	944044	1193768	3.69%	0.220%
63	13.298	1865	1869	1873	rVB	1221428	1616938	5.00%	0.298%
64	13.347	1873	1877	1880	rBV	2567902	3991818	12.34%	0.735%
65	13.450	1886	1894	1897	rBV4	6219418	12878242	39.82%	2.371%
66	13.487	1897	1900	1903	rVV2	4847158	6718378	20.77%	1.237%
67	13.524	1903	1906	1908	rVV	2749316	3246873	10.04%	0.598%
68	13.554	1908	1911	1914	rVV	4017062	5185335	16.03%	0.955%
69	13.591	1914	1917	1920	rVB	3831915	4916786	15.20%	0.905%
70	13.627	1920	1923	1929	rVB	4522093	6277623	19.41%	1.156%
71	13.719	1930	1938	1941	rBV2	3271873	8188375	25.32%	1.507%
72	13.755	1941	1944	1948	rVB	3600335	5142719	15.90%	0.947%
73	13.798	1948	1951	1959	rVB3	2689124	5912415	18.28%	1.088%
74	13.883	1959	1965	1969	rBV2	8761331	16138195	49.90%	2.971%
75	13.920	1969	1971	1974	rBV2	1564429	2001323	6.19%	0.368%
76	14.017	1983	1987	1989	rBV2	2725556	4239005	13.11%	0.780%

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Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Title : SFAM01.0

77	14.097	1996	2000	2004	rBV	6877308	9486379	29.33%	1.746%
78	14.133	2004	2006	2012	rVB2	4000566	5703124	17.64%	1.050%
79	14.206	2012	2018	2023	rBV2	9710480	16629253	51.42%	3.061%
80	14.267	2024	2028	2034	rBV5	2449323	4323031	13.37%	0.796%
81	14.347	2034	2041	2044	rBV4	7159011	16071556	49.70%	2.959%
82	14.389	2044	2048	2052	rVV3	8522358	13473899	41.66%	2.480%
83	14.432	2052	2055	2058	rVB3	4455373	5154775	15.94%	0.949%
84	14.499	2063	2066	2070	rVB	7486485	9043877	27.97%	1.665%
85	14.548	2070	2074	2080	rVB5	4895797	8547750	26.43%	1.574%
86	14.603	2080	2083	2086	rBV2	1376317	1891814	5.85%	0.348%
87	14.694	2094	2098	2101	rBV3	3518041	6628476	20.50%	1.220%
88	14.731	2102	2104	2108	rVV3	3739817	4969395	15.37%	0.915%
89	14.798	2110	2115	2119	rVV3	14788091	32338905	100.00%	5.953%
90	14.840	2119	2122	2130	rVB2	12948610	24669898	76.29%	4.542%
91	15.066	2154	2159	2163	rBV3	6190194	10376192	32.09%	1.910%
92	15.182	2171	2178	2184	rBV2	6783205	17827703	55.13%	3.282%
93	15.243	2184	2188	2196	rVB6	5727062	14545074	44.98%	2.678%
94	15.322	2196	2201	2211	rBV4	6830035	12876431	39.82%	2.370%
95	15.468	2221	2225	2229	rBV3	2395528	3654972	11.30%	0.673%
96	15.657	2248	2256	2262	rBV5	2797929	7275473	22.50%	1.339%
97	15.730	2263	2268	2275	rBV5	2394728	4881504	15.09%	0.899%
98	15.816	2277	2282	2287	rVB3	1500633	3013477	9.32%	0.555%
99	16.163	2334	2339	2345	rBV4	1055632	2295693	7.10%	0.423%
100	16.639	2409	2417	2429	rVB2	4658394	11326232	35.02%	2.085%

Sum of corrected areas: 543196758

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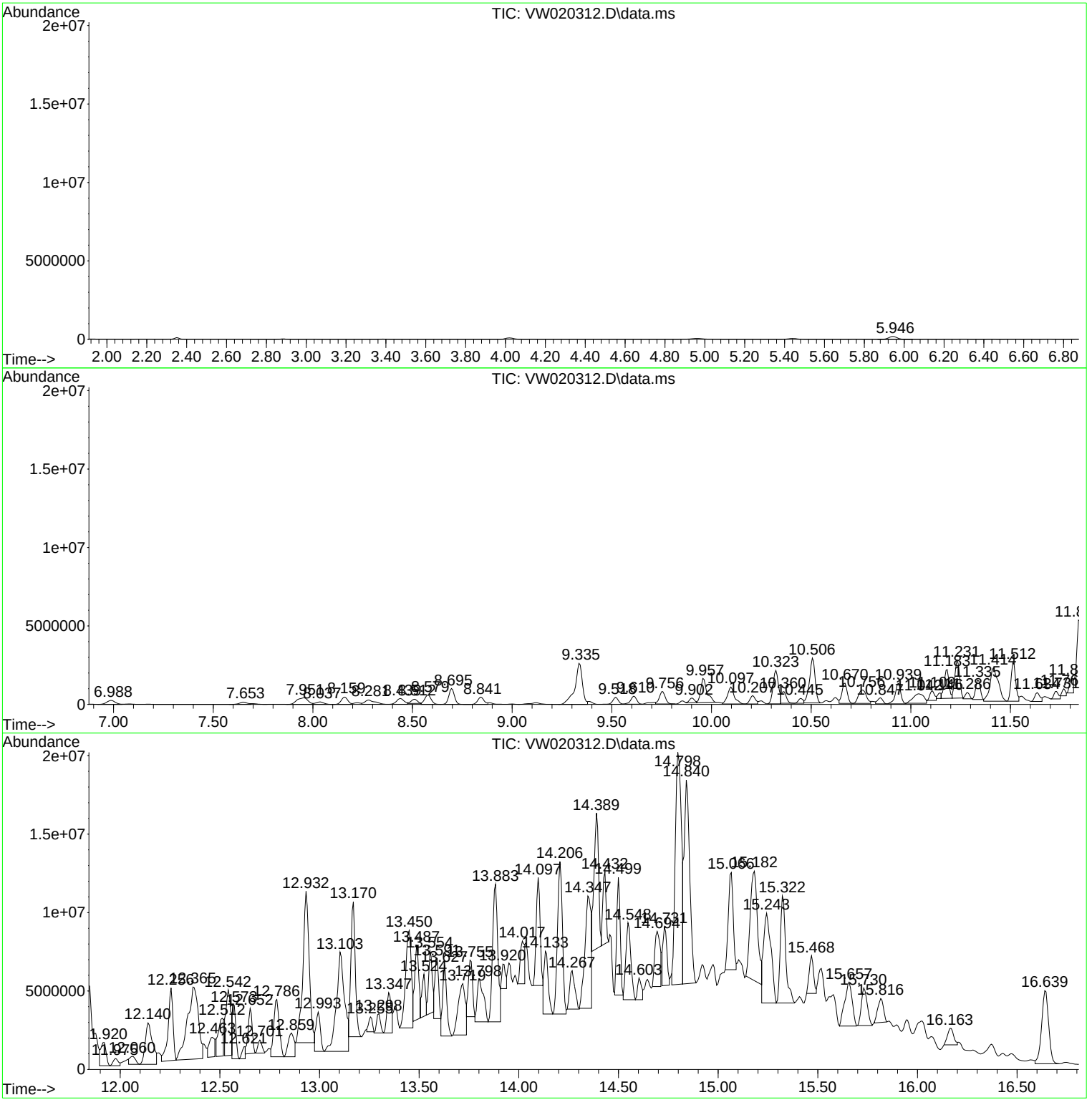
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

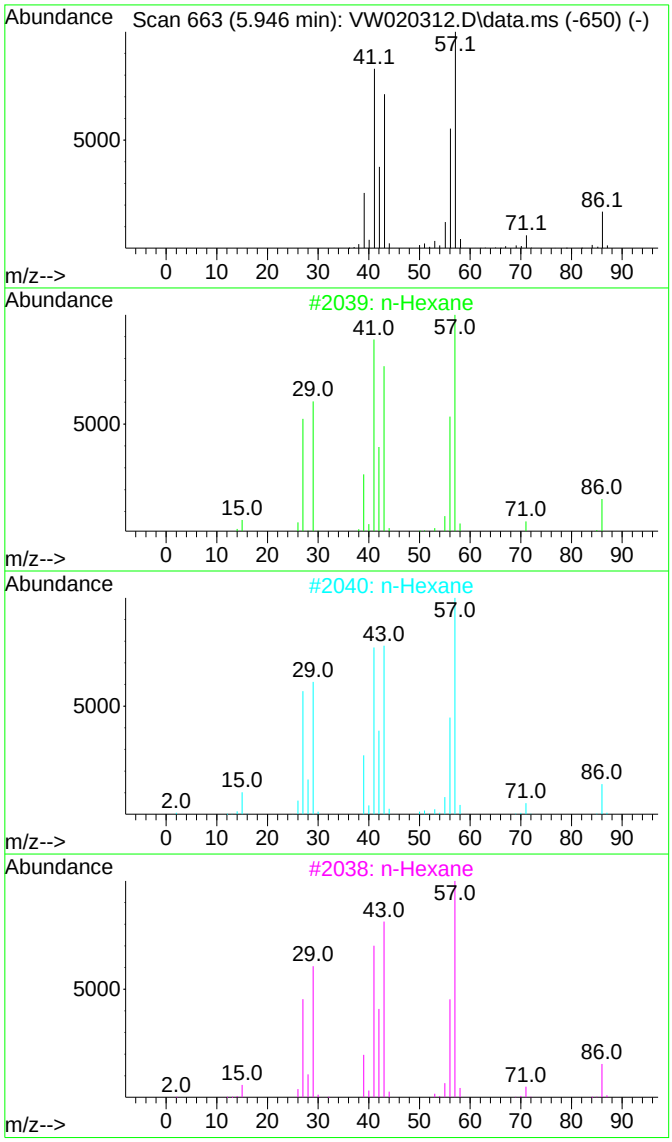
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

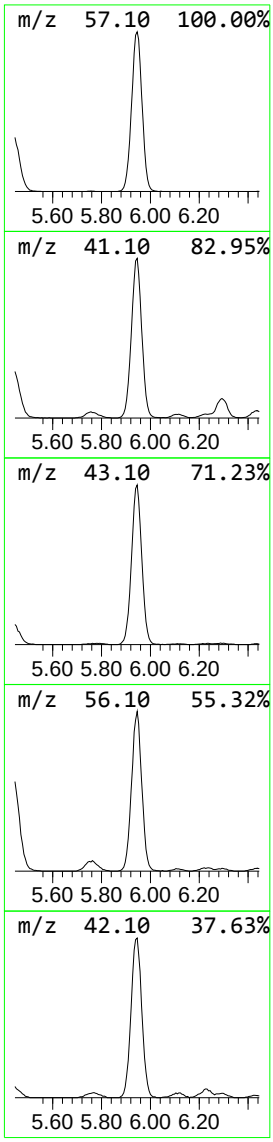
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.946	13.05 ug/L	550342	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	91
3	n-Hexane	86	C6H14	000110-54-3	91
4	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
5	n-Hexane	86	C6H14	000110-54-3	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
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Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

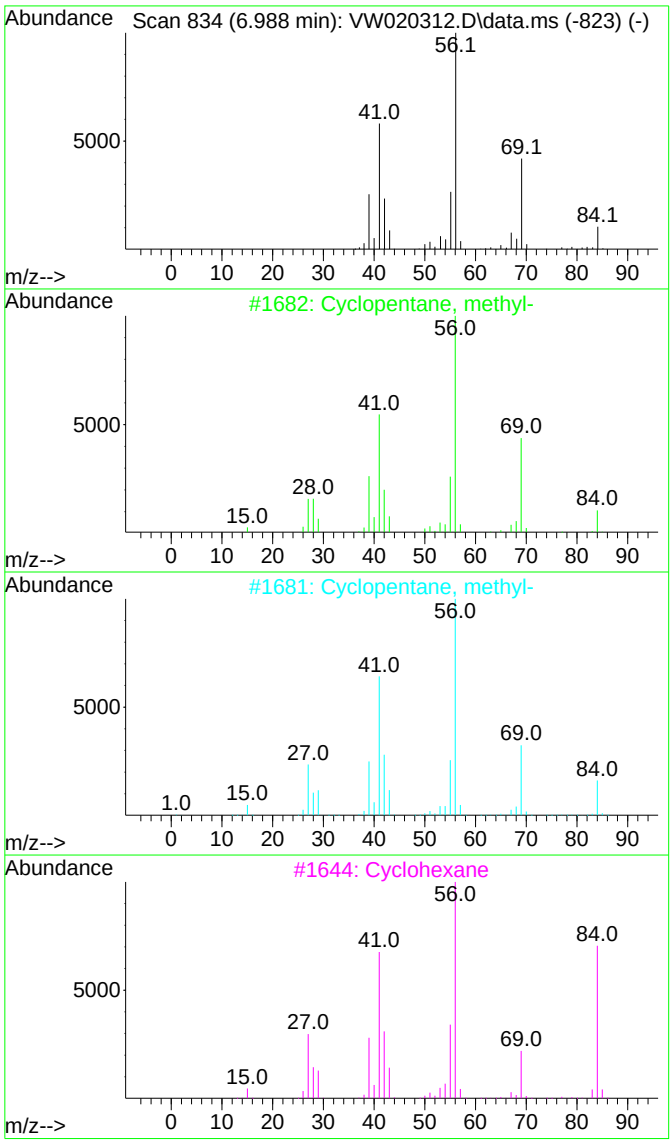
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

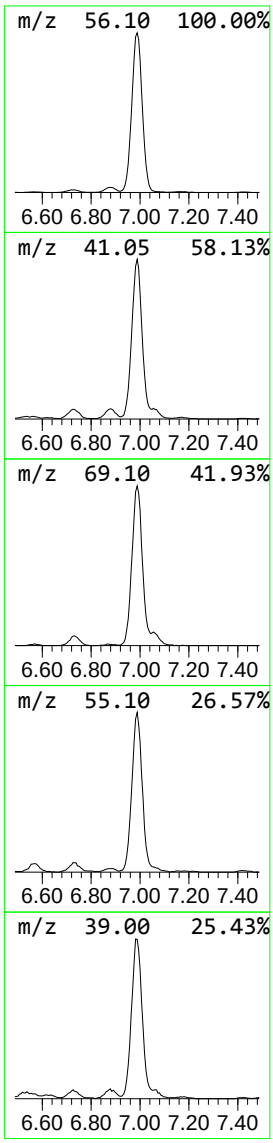
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic6.988 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.988	17.45 ug/L	735687	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
3	Cyclohexane	84	C6H12	000110-82-7	78
4	Cyclohexane	84	C6H12	000110-82-7	78
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	72





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

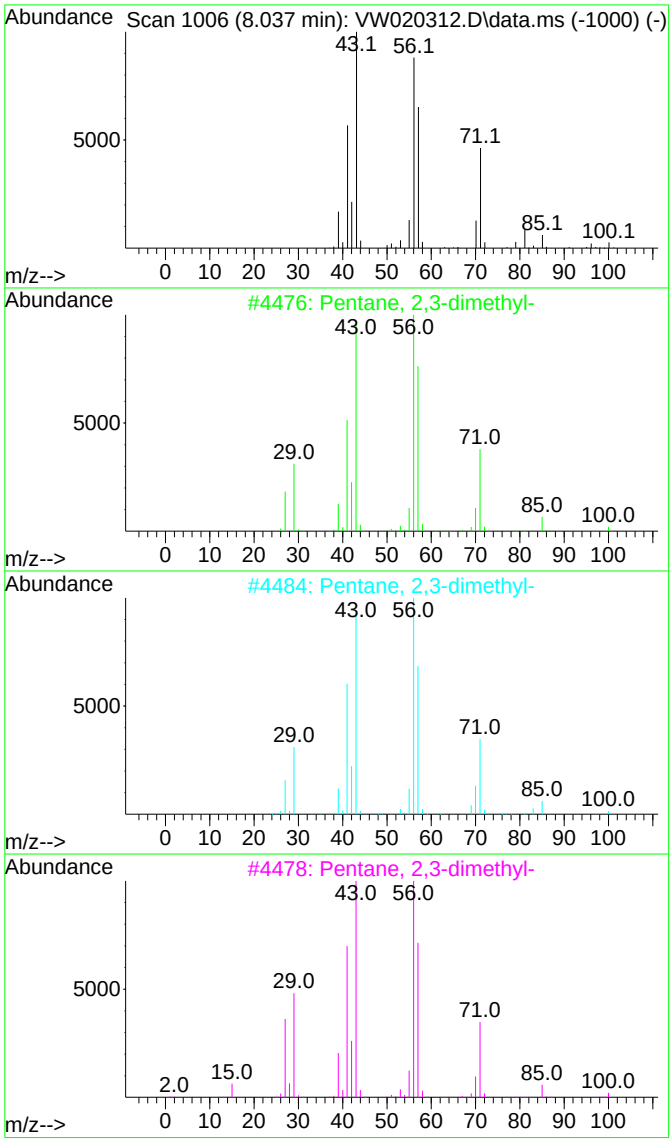
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

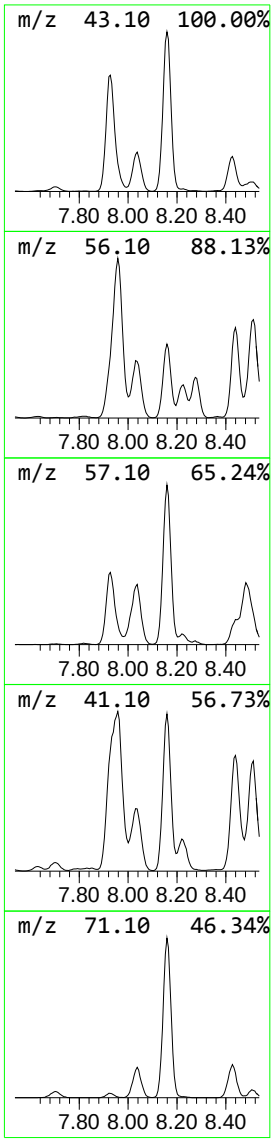
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.037	10.33 ug/L	435498	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	81
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

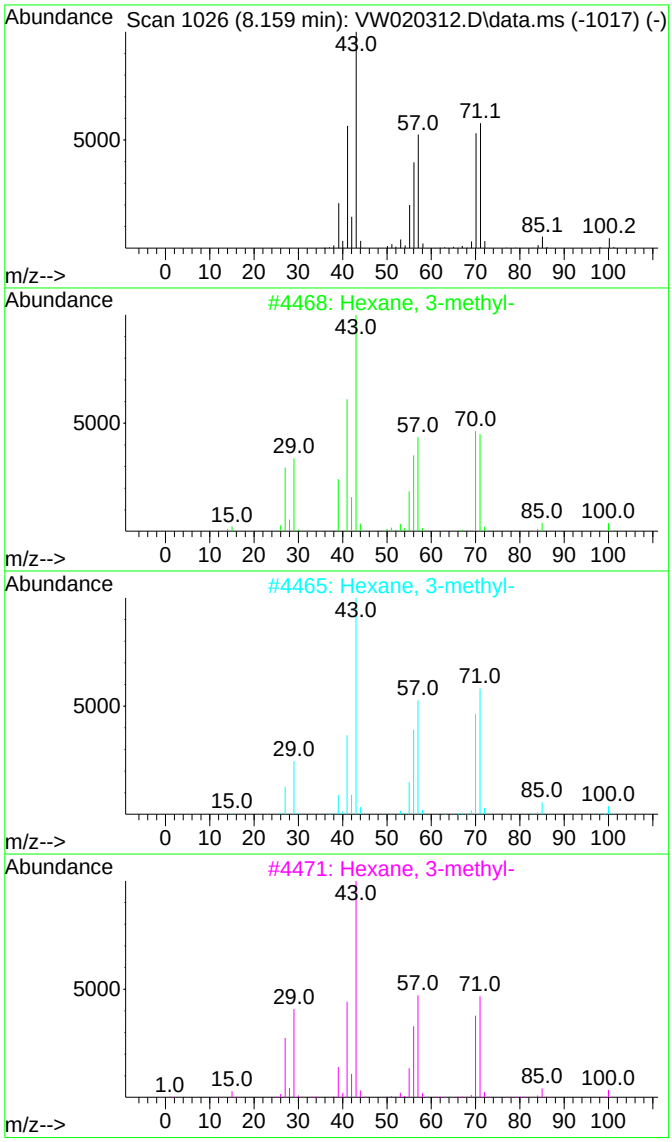
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

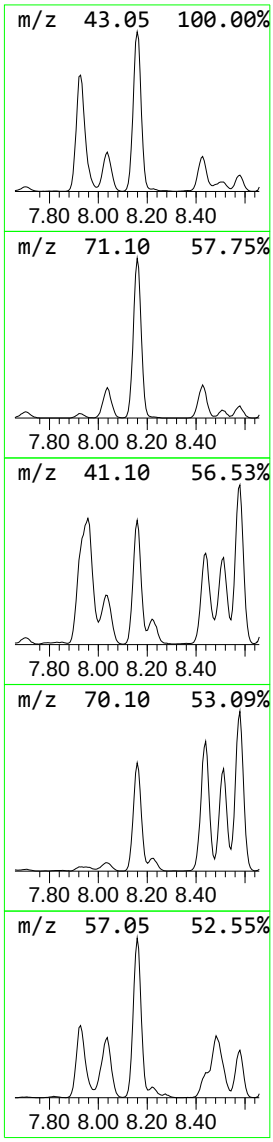
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.159	25.47 ug/L	1073860	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	94
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
4	Heptane	100	C7H16	000142-82-5	64
5	Heptane	100	C7H16	000142-82-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

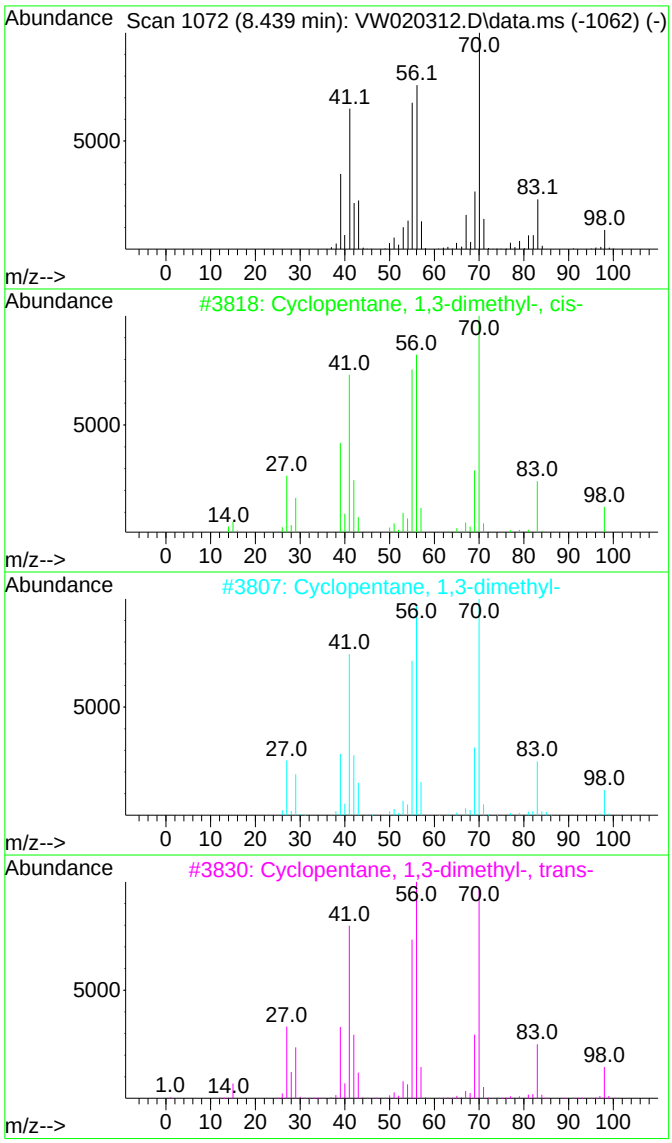
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

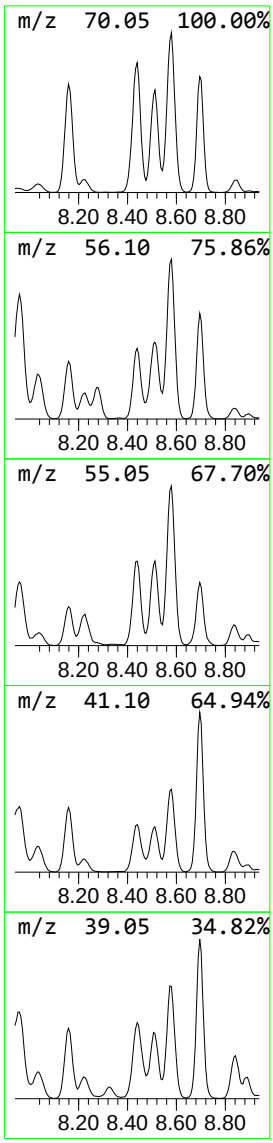
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic8.439 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.439	23.76 ug/L	1001730	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	94
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	90
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	87
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

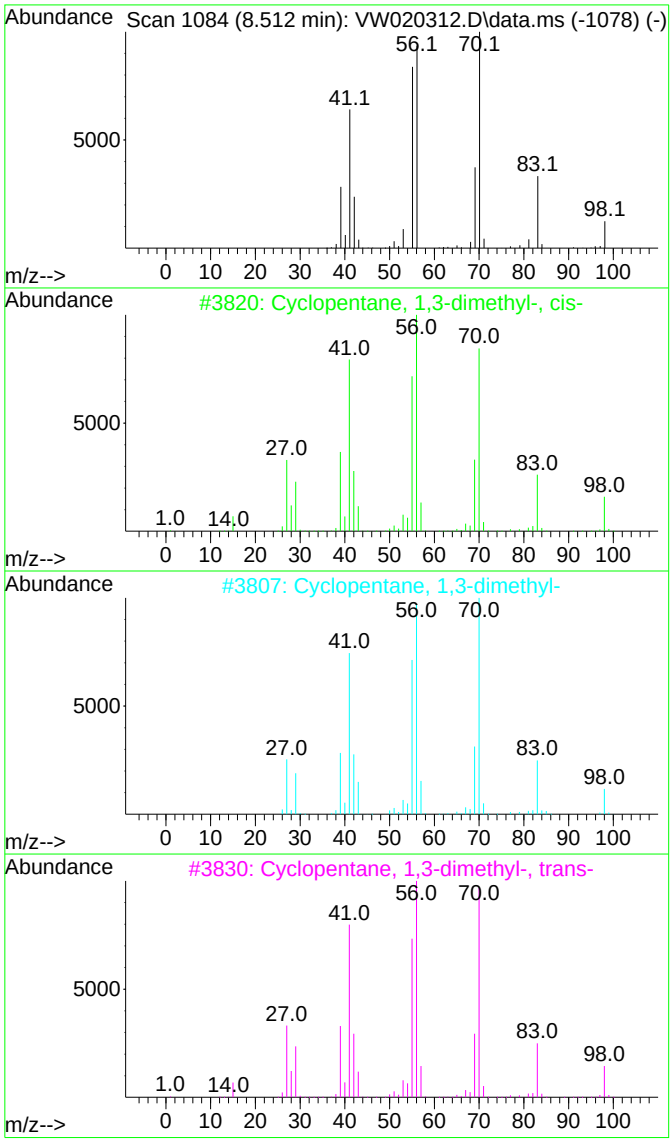
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

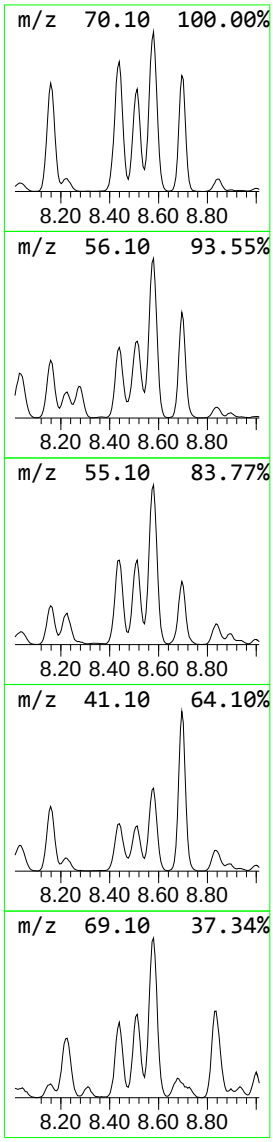
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic8.512 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.512	13.64 ug/L	575061	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	91
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

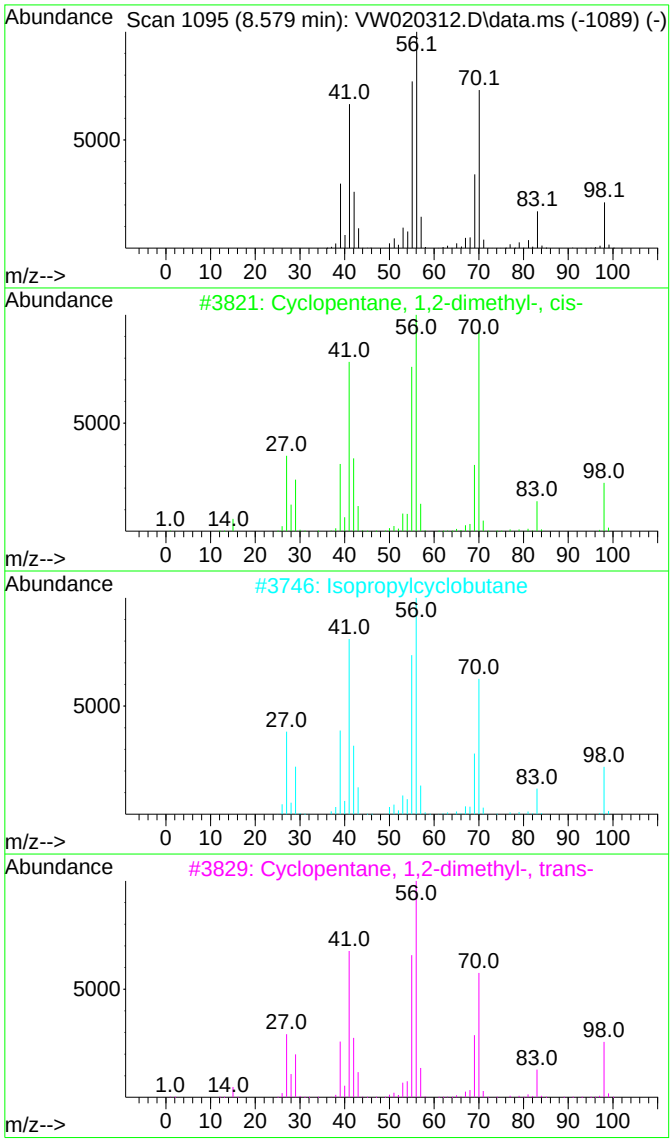
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

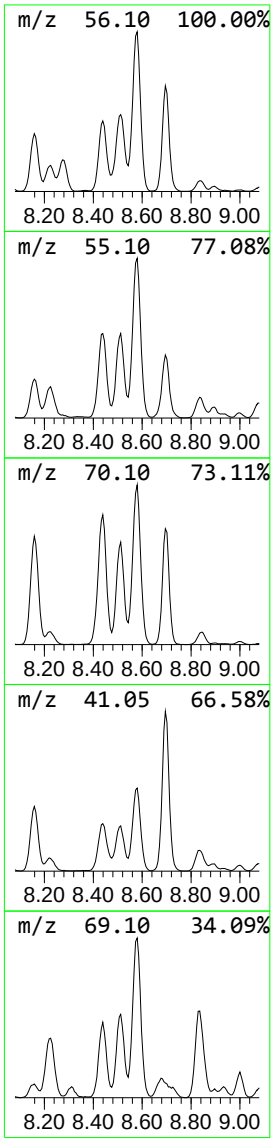
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic8.579 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.579	32.36 ug/L	1364440	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	94
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
4	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

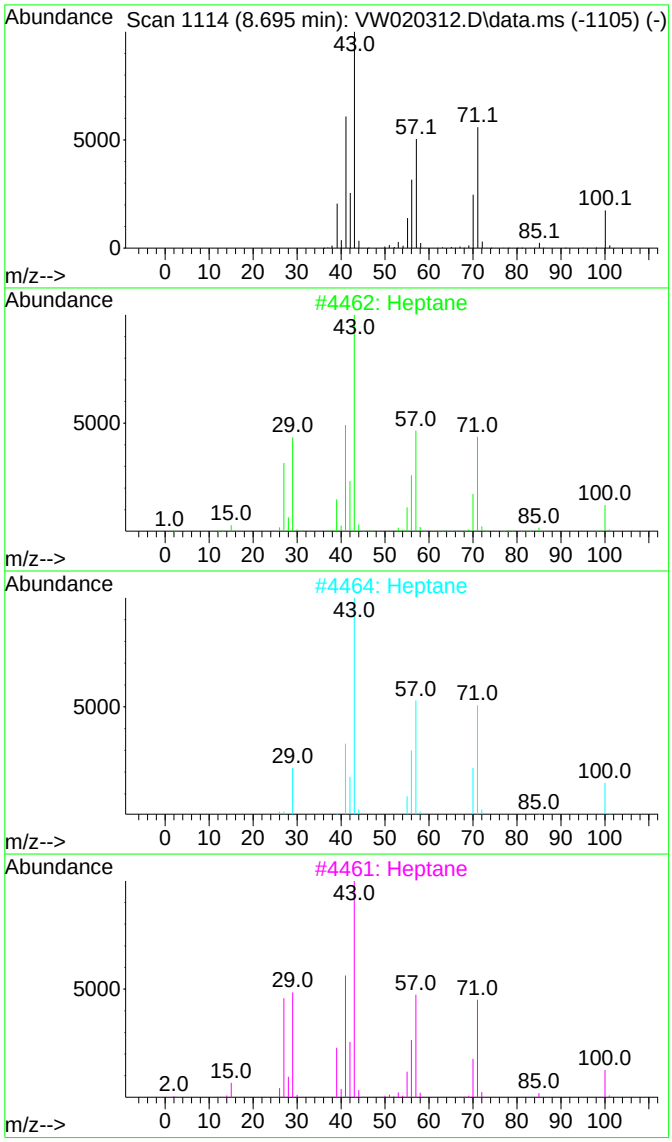
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

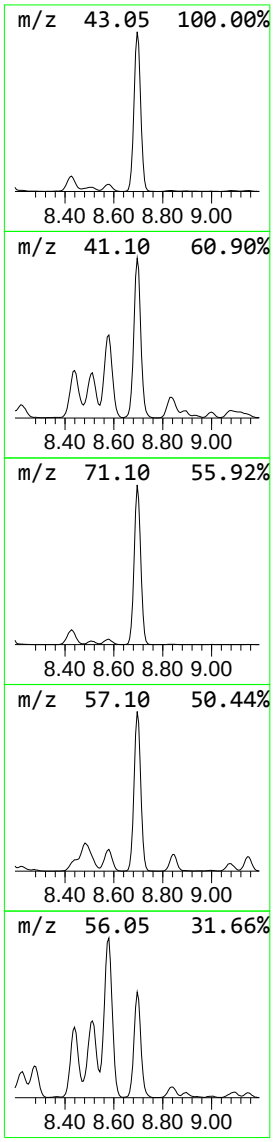
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.695	47.18 ug/L	1989320	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	68
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

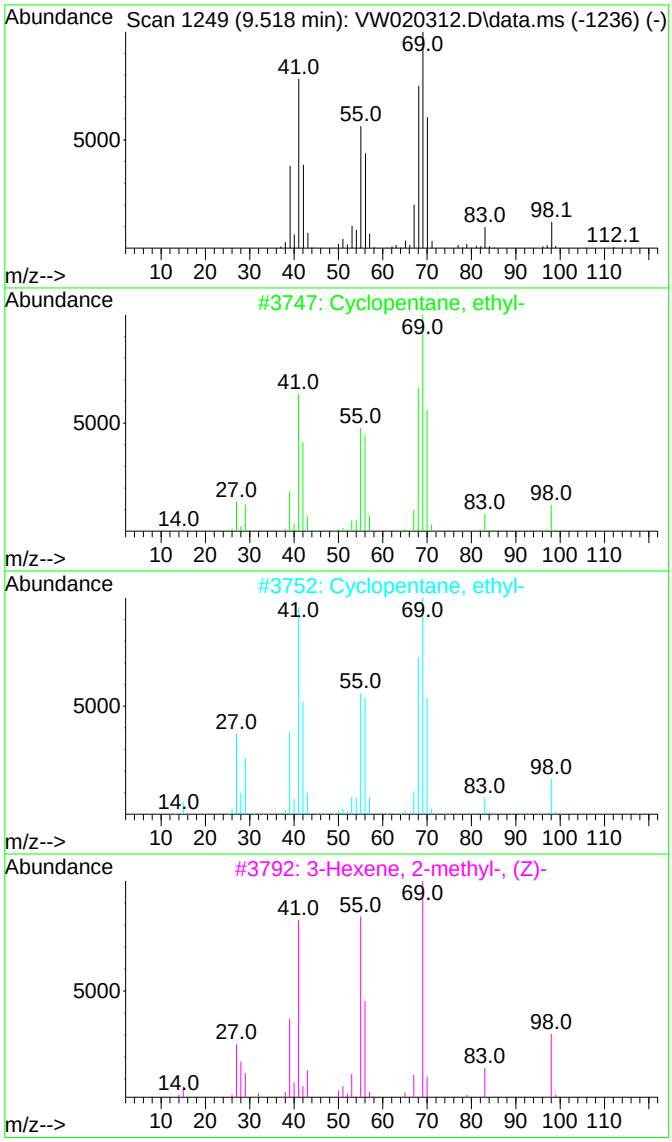
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

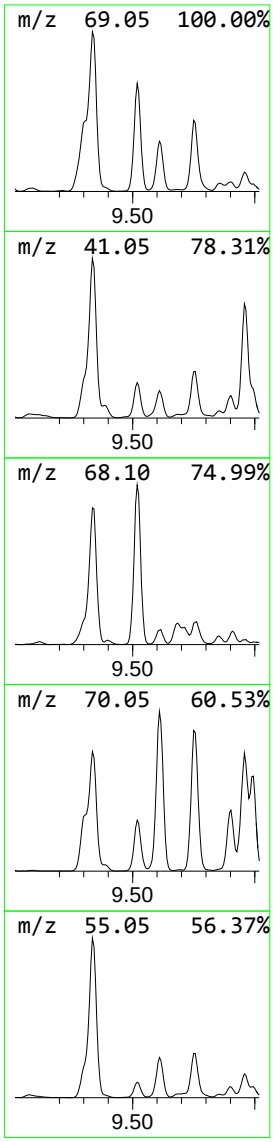
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic9.518 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.518	21.03 ug/L	886852	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	95
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	93
3	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	45
4	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	43
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

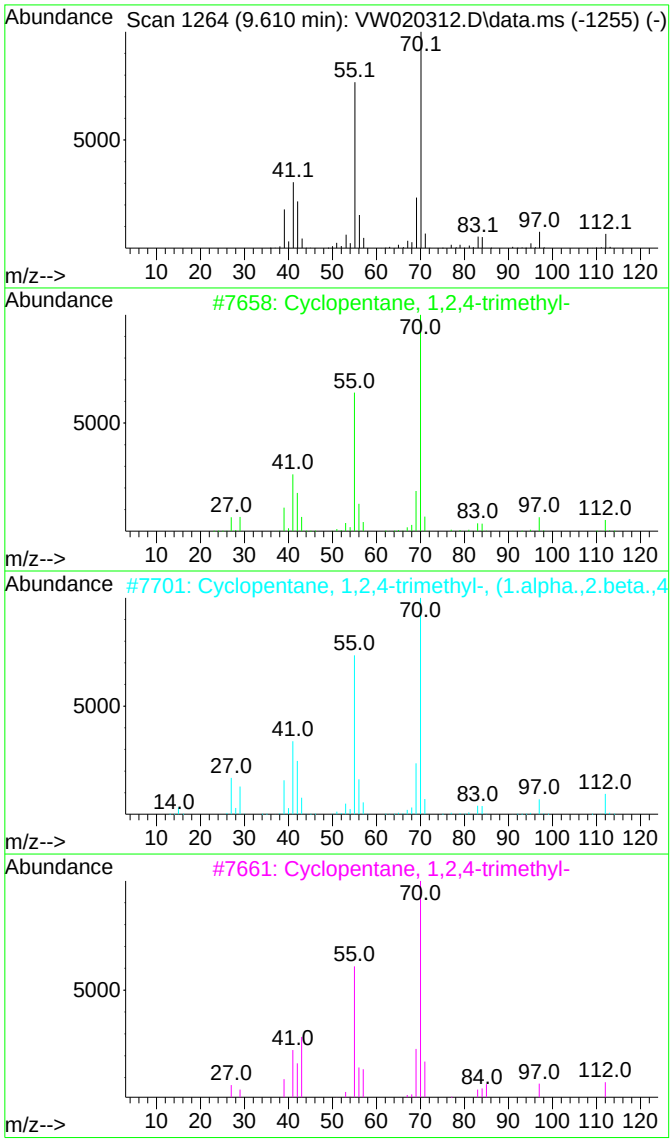
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

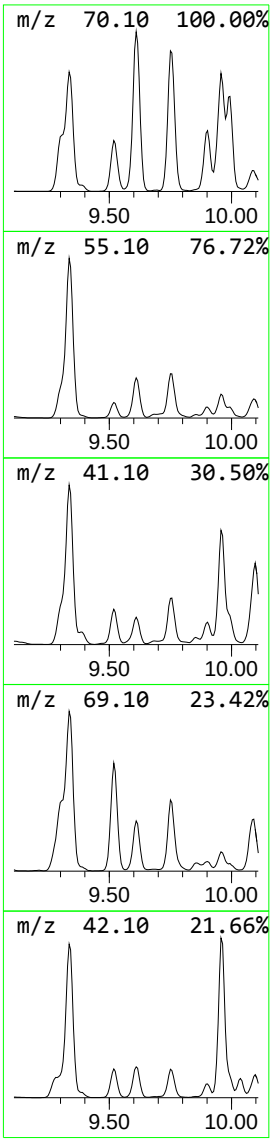
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic9.610 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	24.92 ug/L	1050770	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	94
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	91
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

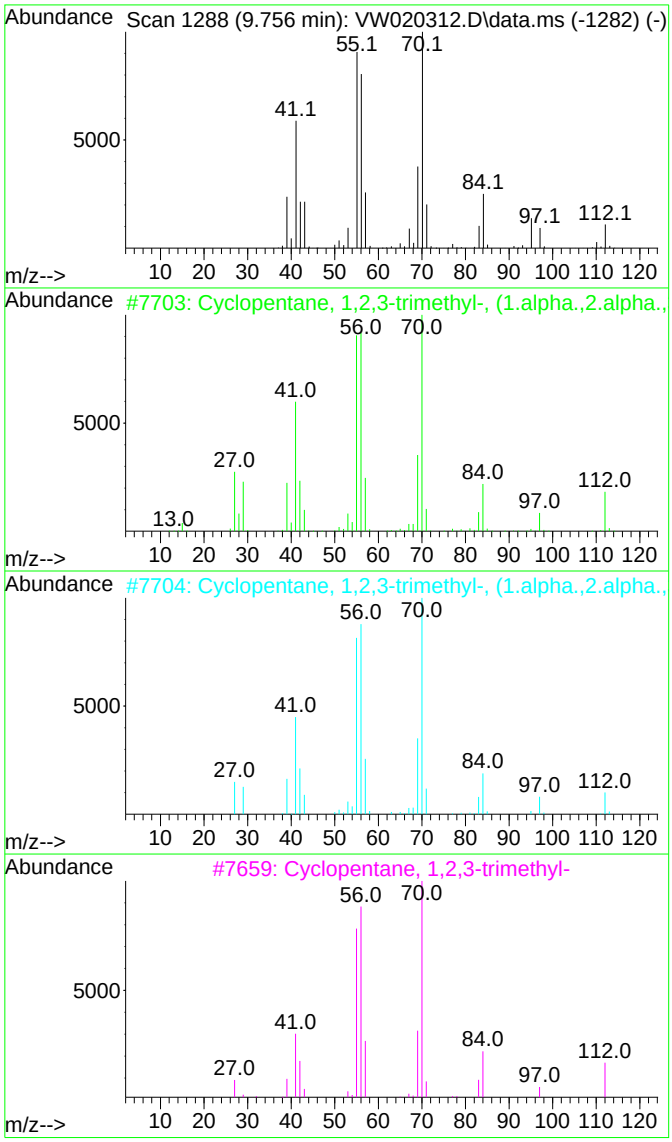
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

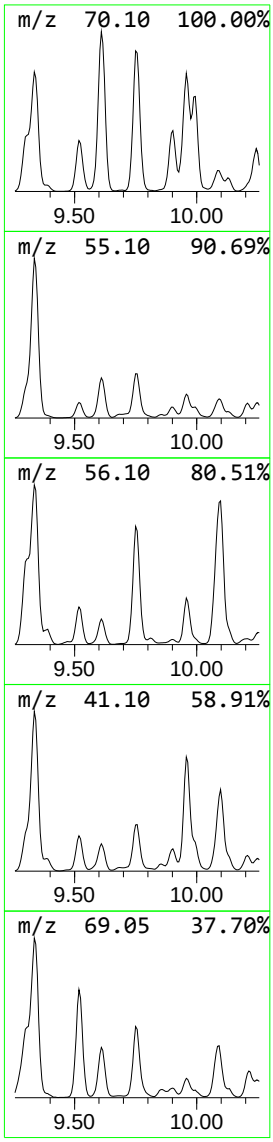
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic9.756 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.756	38.37 ug/L	1617930	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	90
4	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	74
5	3-Octene, (E)-	112	C8H16	014919-01-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

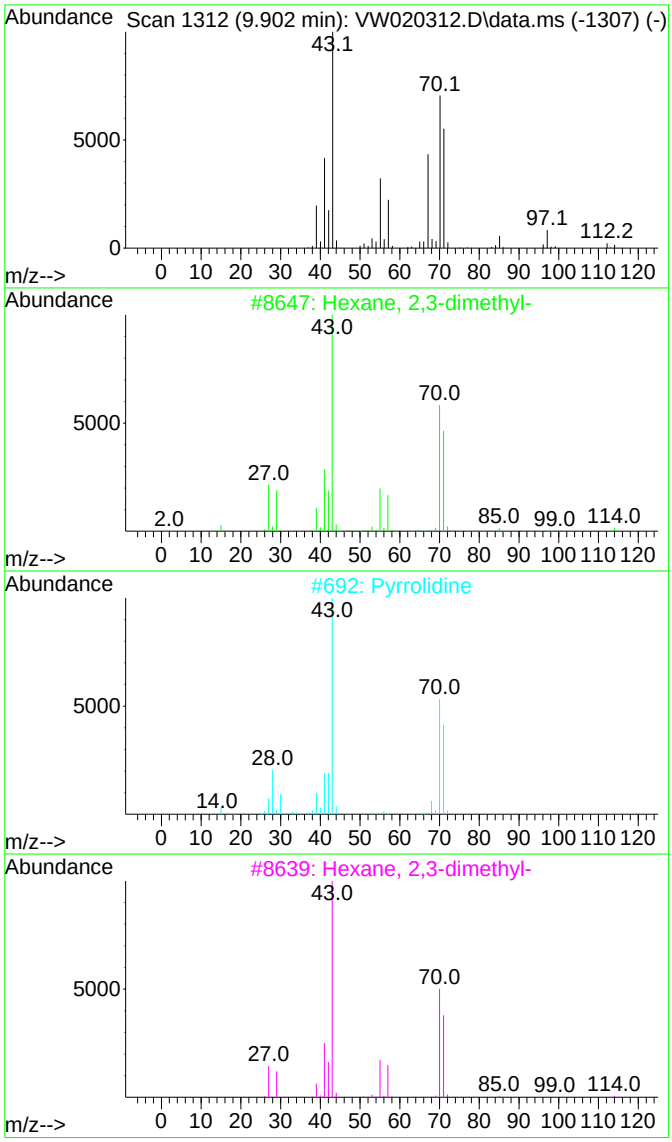
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

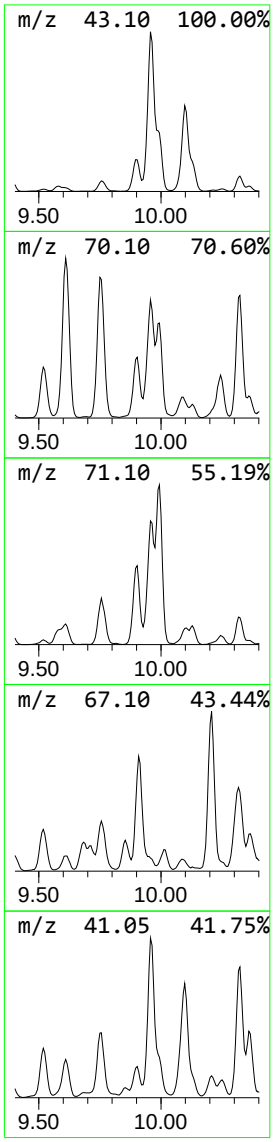
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.902	12.48 ug/L	526168	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	52
2	Pyrrolidine	71	C4H9N	000123-75-1	50
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	50
5	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

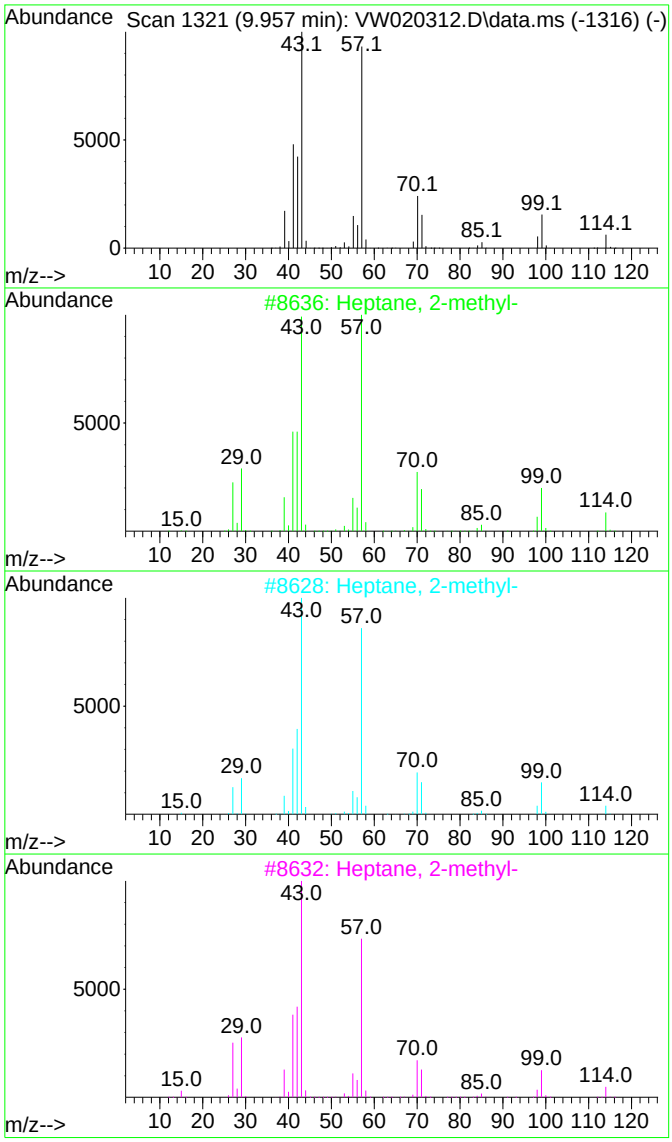
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

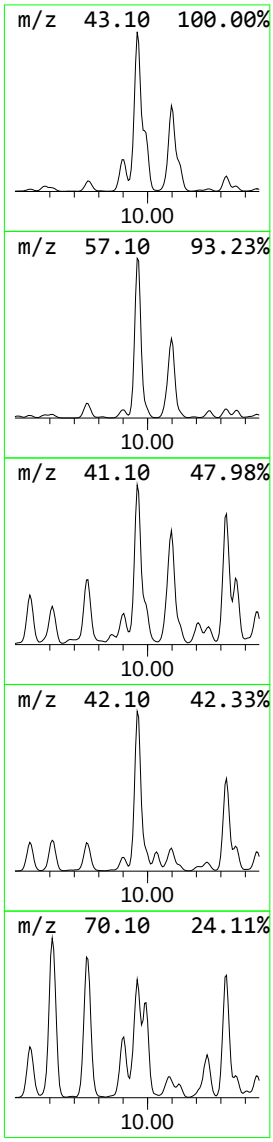
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	78.29 ug/L	3300790	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	97
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	83
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

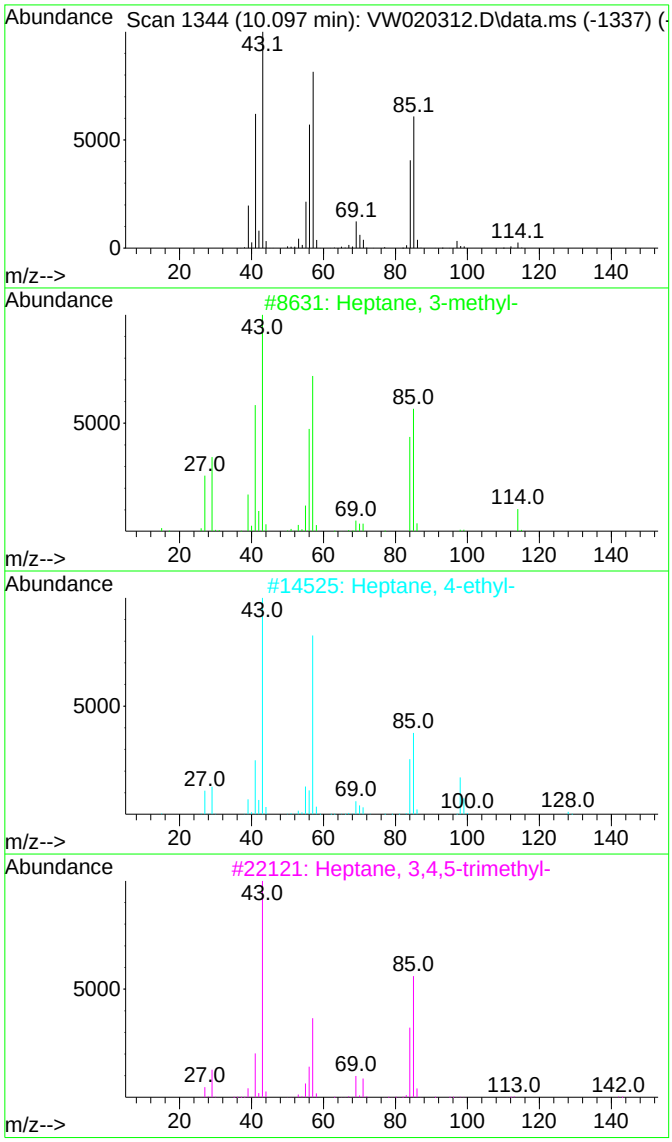
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

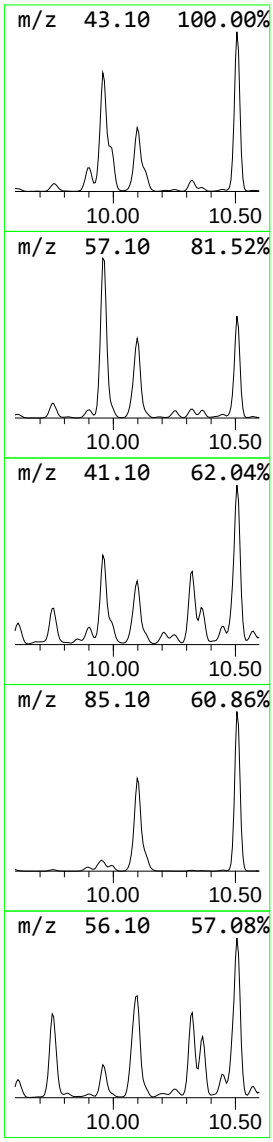
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.097	60.99 ug/L	2571480	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	83
2	Heptane, 4-ethyl-	128	C9H20	002216-32-2	64
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	59
4	Heptane, 3-methyl-	114	C8H18	000589-81-1	58
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

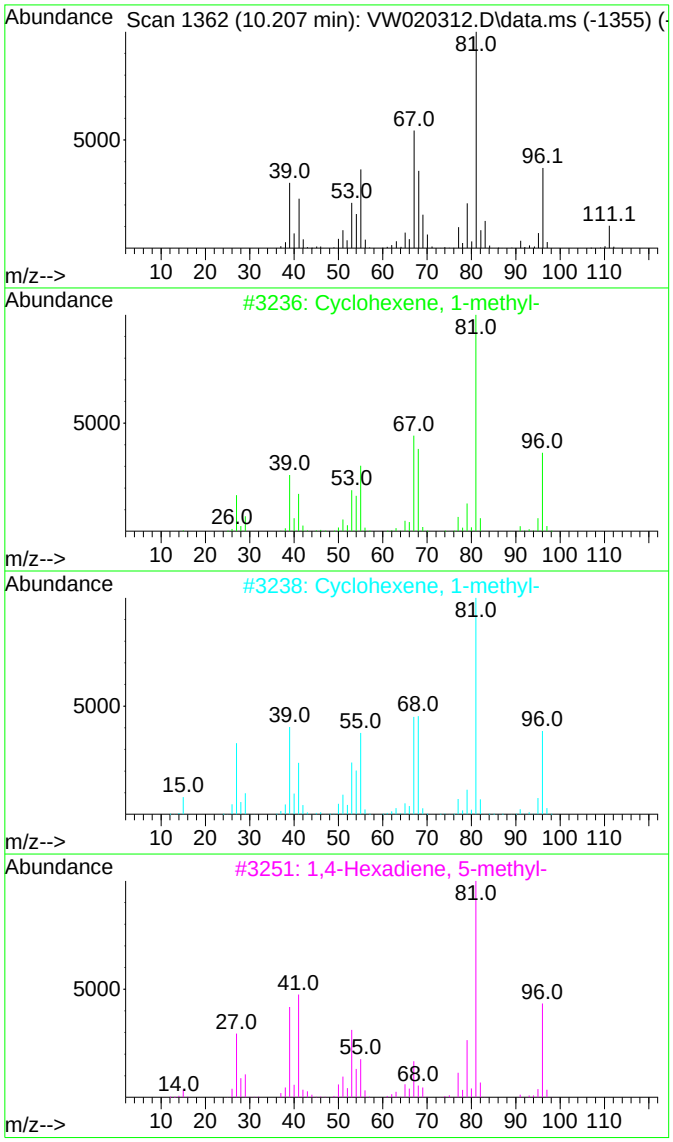
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

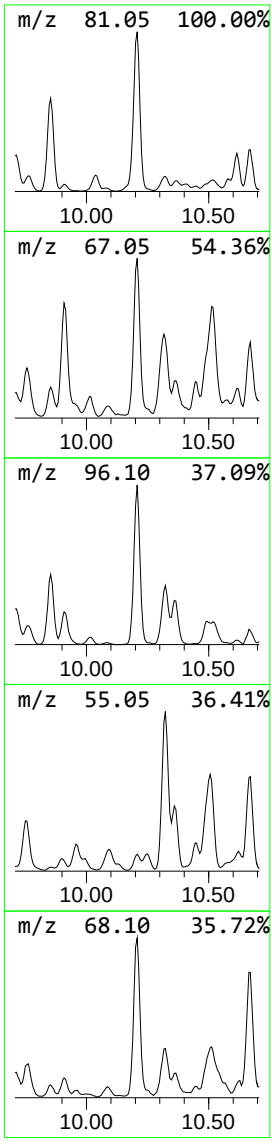
****

Peak Number 15 Cyclohexene, 1-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.207	24.30 ug/L	1024580	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	94
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	93
3	1,4-Hexadiene, 5-methyl-	96	C7H12	000763-88-2	92
4	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	92
5	Cyclohexane, methylene-	96	C7H12	001192-37-6	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

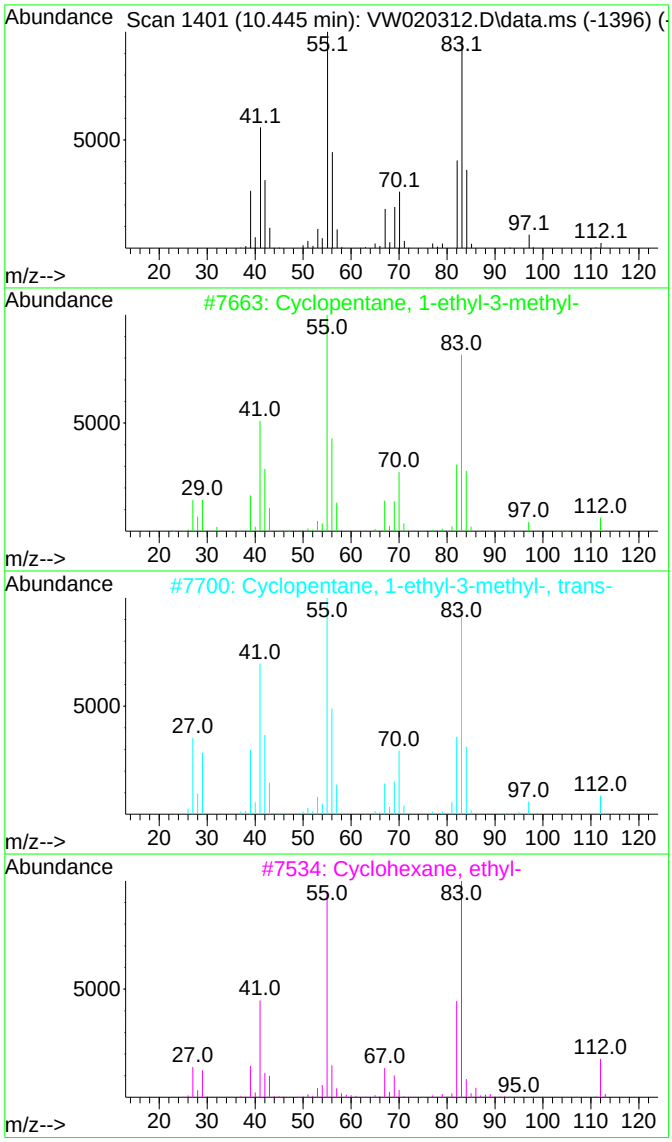
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

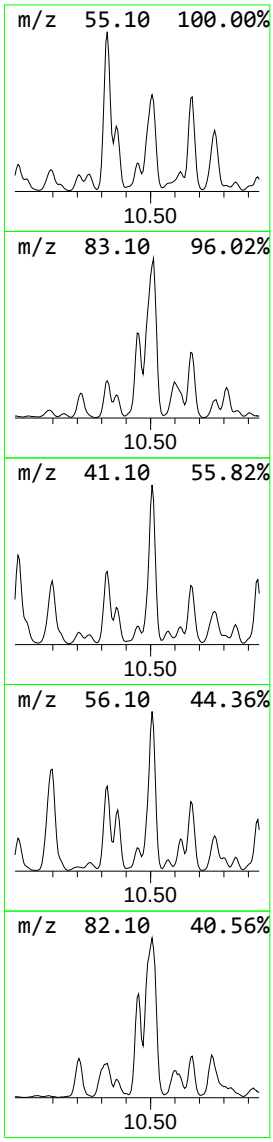
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic10.445 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	12.28 ug/L	508744	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	90
2	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	58
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
4	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	53
5	3-Ethylcyclopentanone	112	C7H12O	010264-55-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

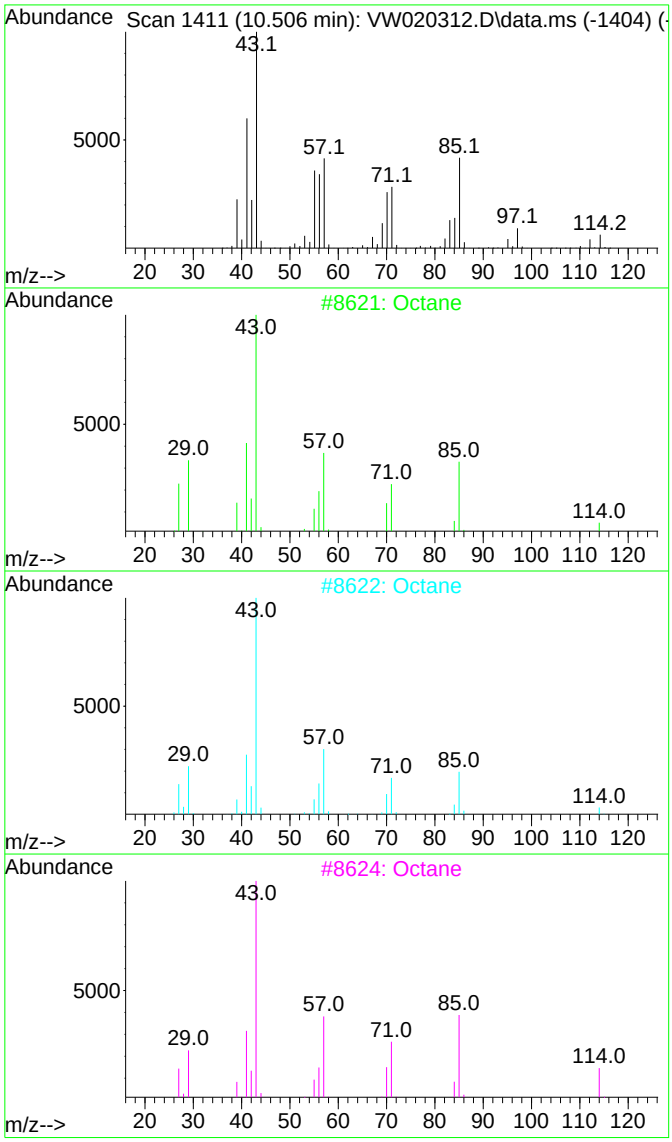
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

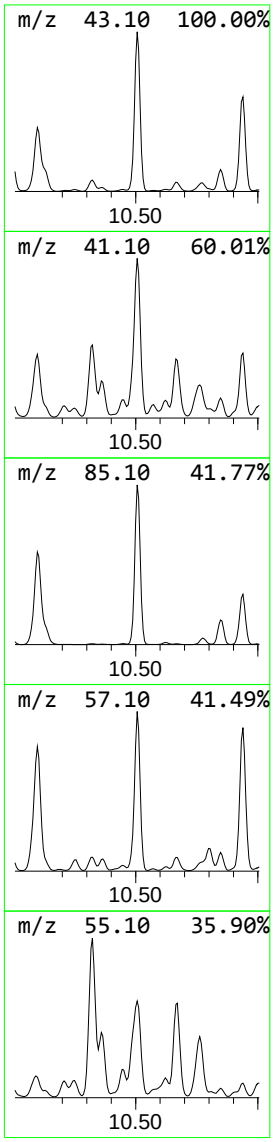
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.506	134.80 ug/L	5586670	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	72
2	Octane	114	C8H18	000111-65-9	72
3	Octane	114	C8H18	000111-65-9	50
4	Octane	114	C8H18	000111-65-9	49
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47





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Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

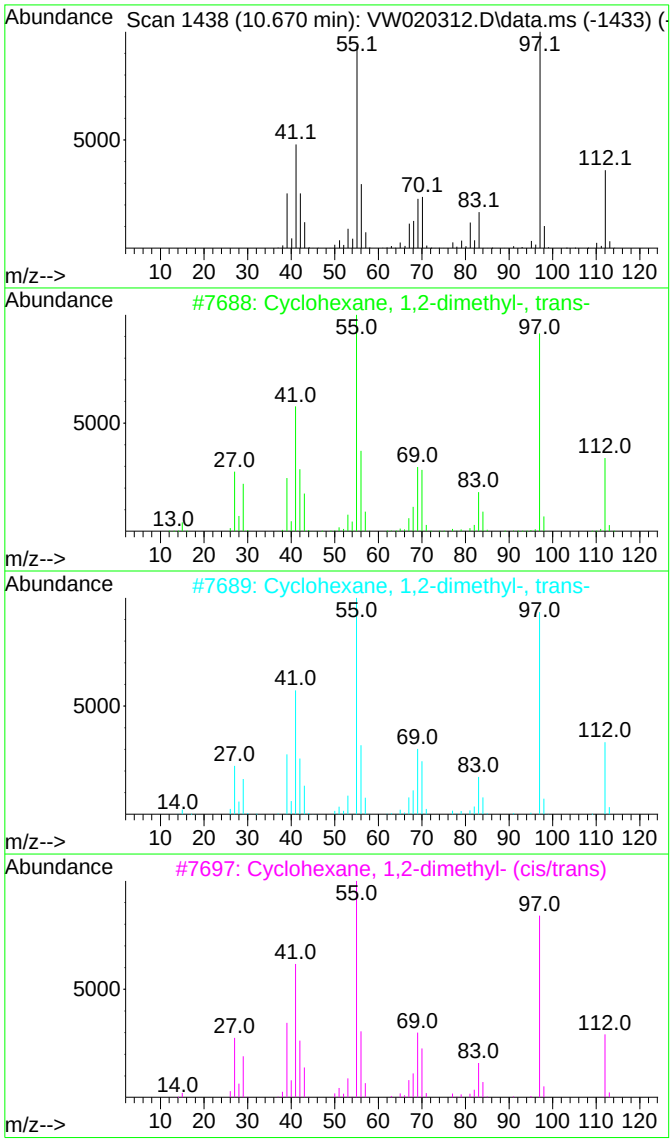
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

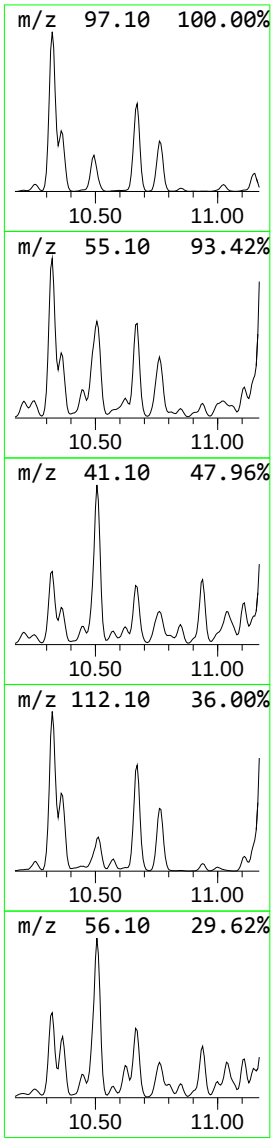
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic10.670 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.670	56.43 ug/L	2338550	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	97
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	97
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	95
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

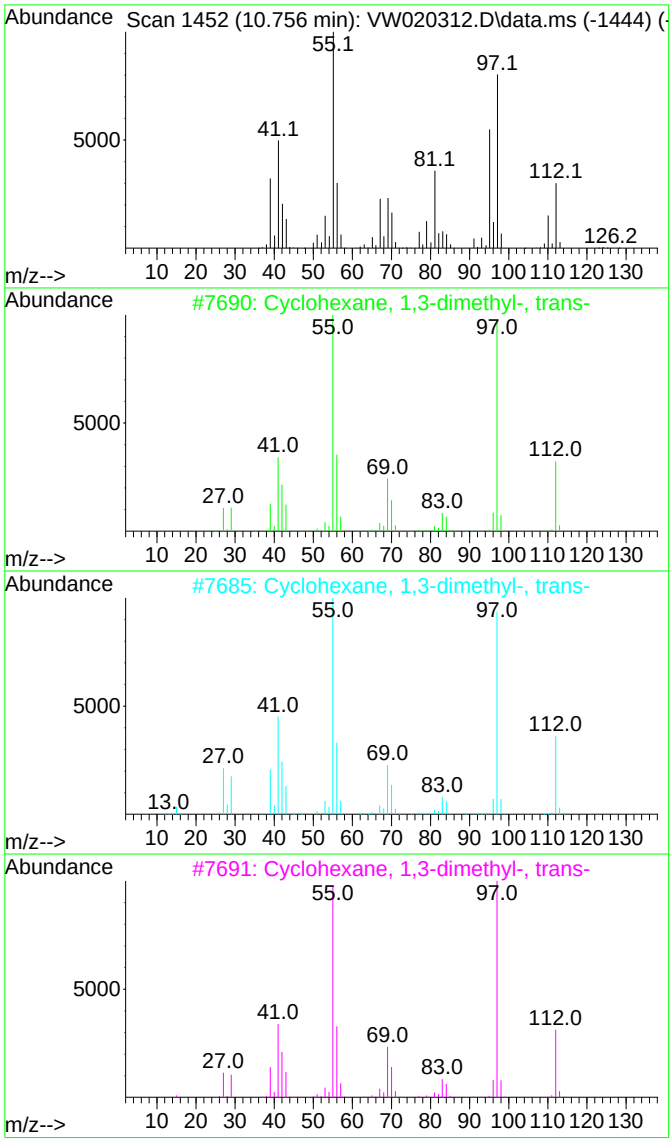
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

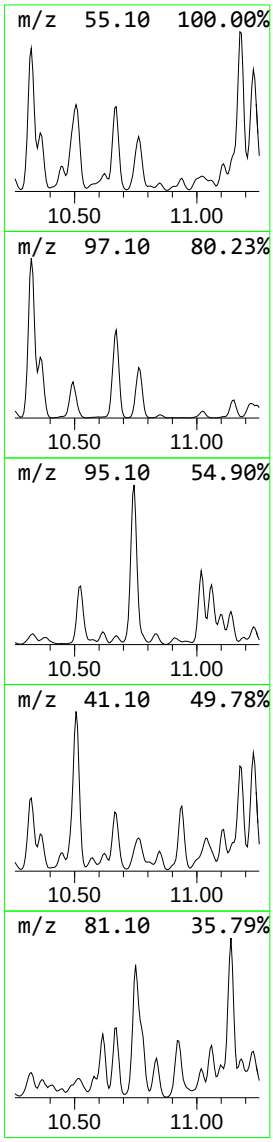
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic10.756 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.756	57.15 ug/L	2368570	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	92
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

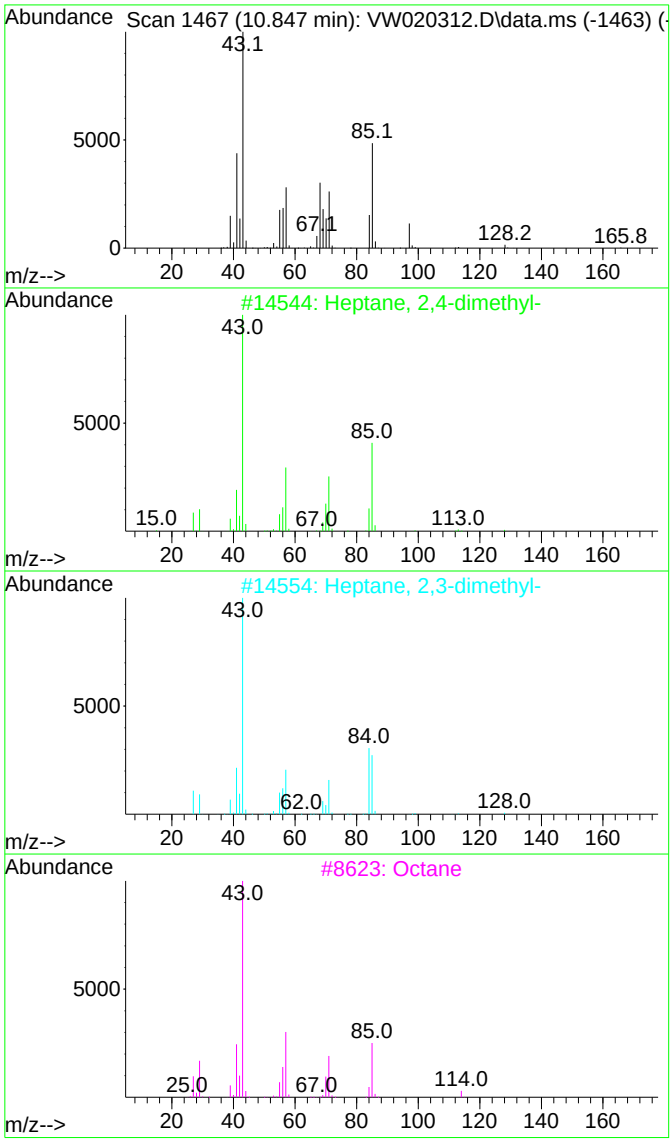
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

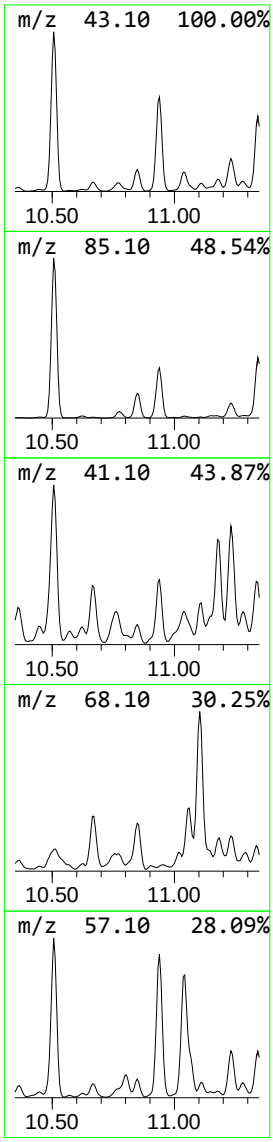
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.847	16.37 ug/L	678581	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	53
3	Octane	114	C8H18	000111-65-9	53
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	53
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

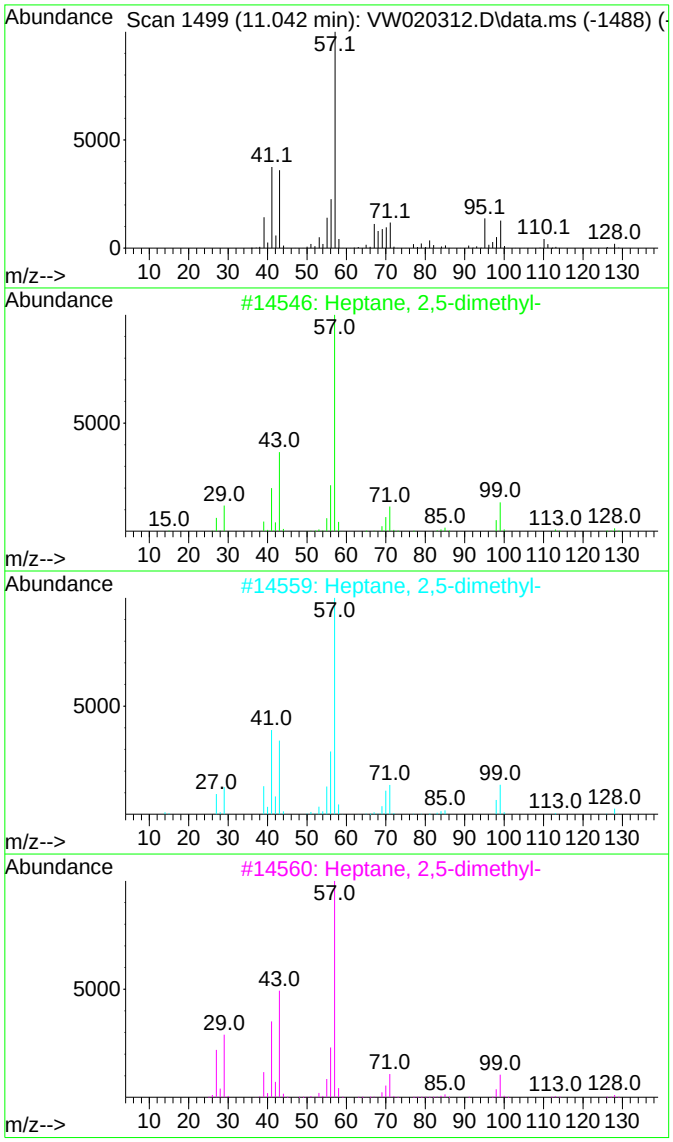
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

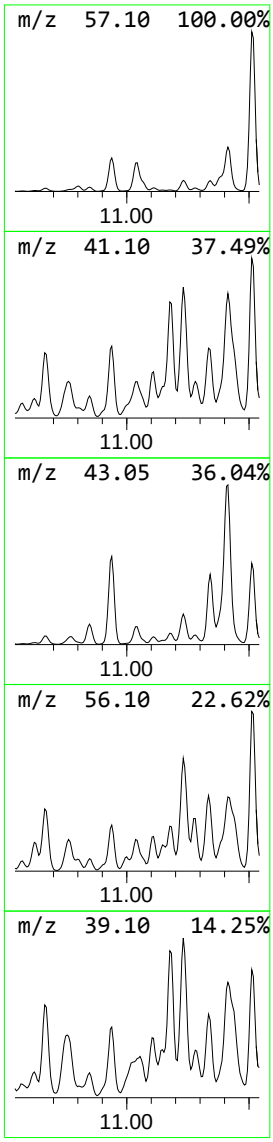
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.042	55.62 ug/L	2305010	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	76
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	68
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

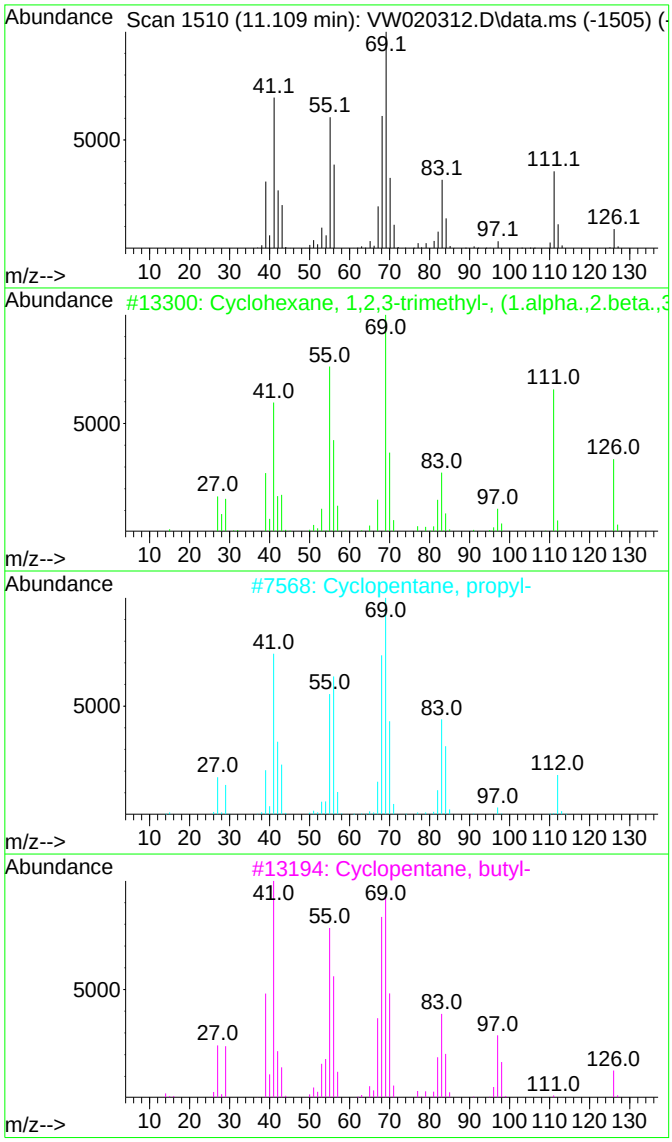
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

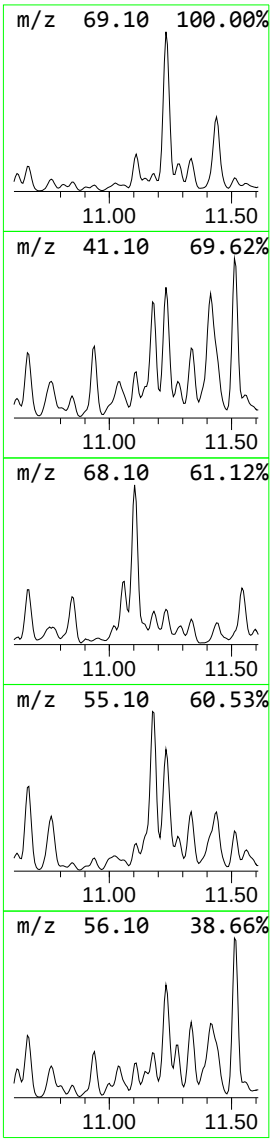
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic11.109 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.109	24.33 ug/L	1008540	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	68
2	Cyclopentane, propyl-	112	C8H16	002040-96-2	62
3	Cyclopentane, butyl-	126	C9H18	002040-95-1	60
4	Cyclopentane, propyl-	112	C8H16	002040-96-2	46
5	Cyclopentane, propyl-	112	C8H16	002040-96-2	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

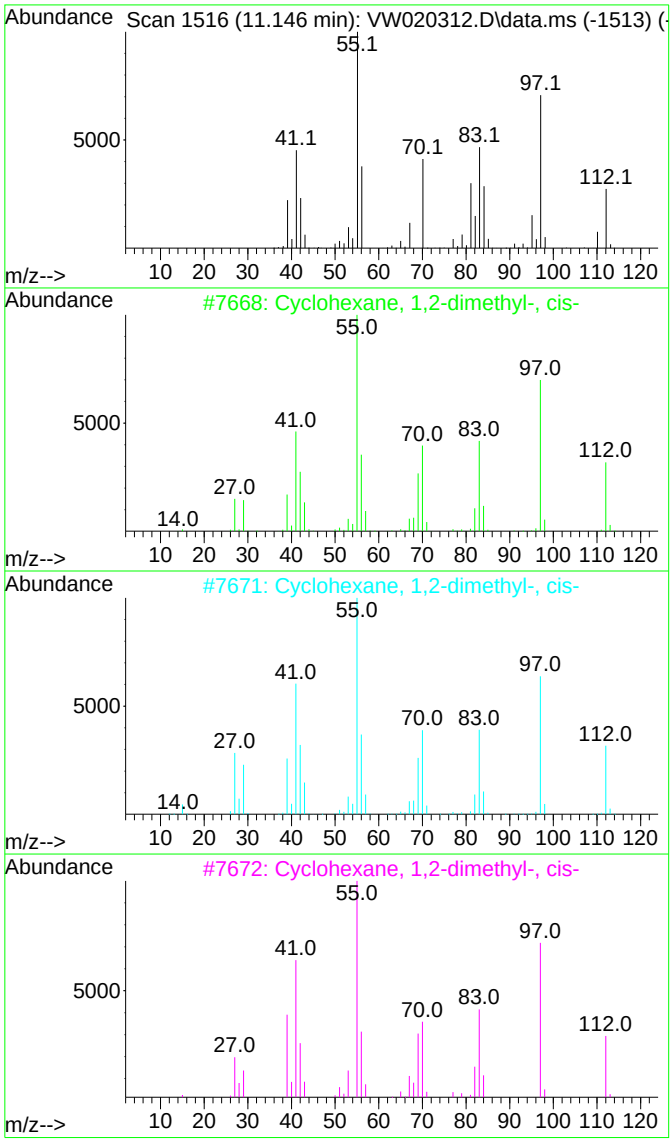
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

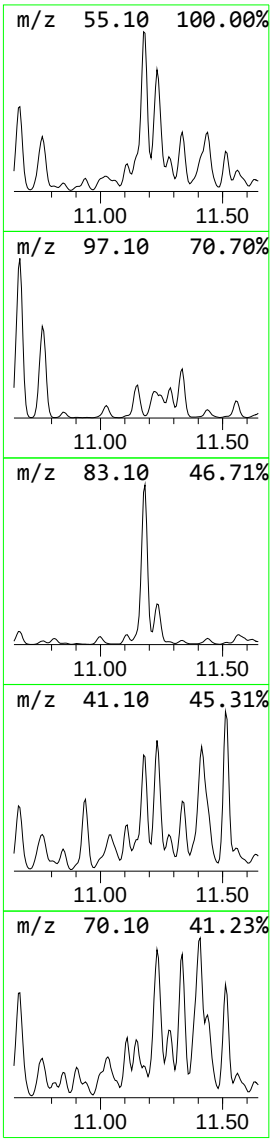
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic11.146 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	10.40 ug/L	430996	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	90
2	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	87
3	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	87
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	58
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

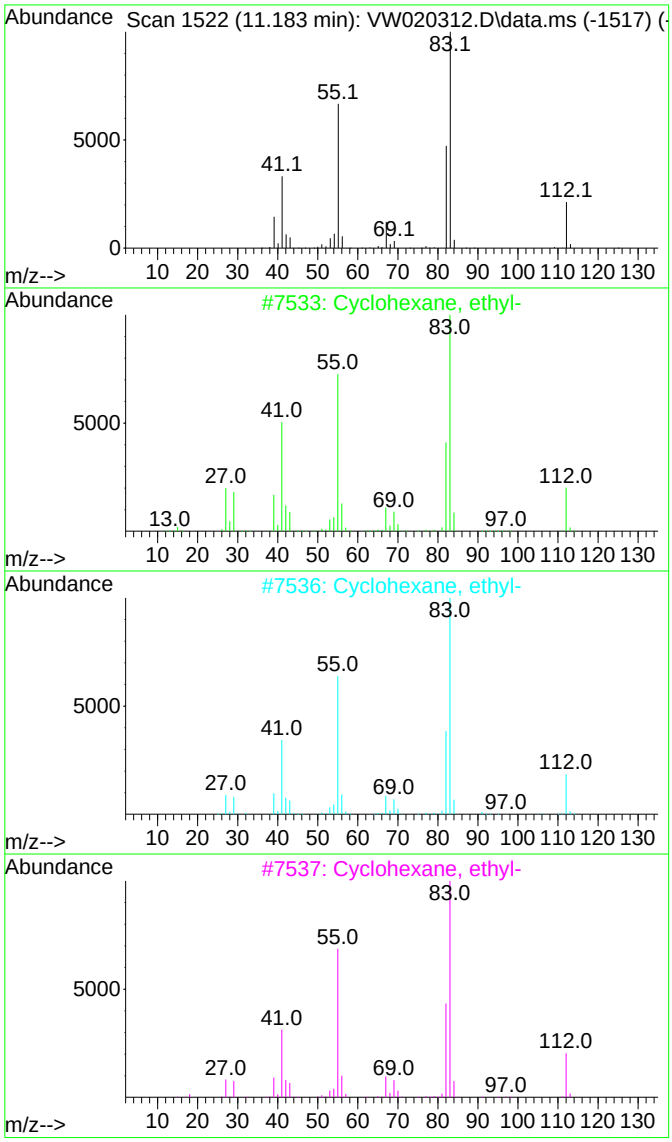
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

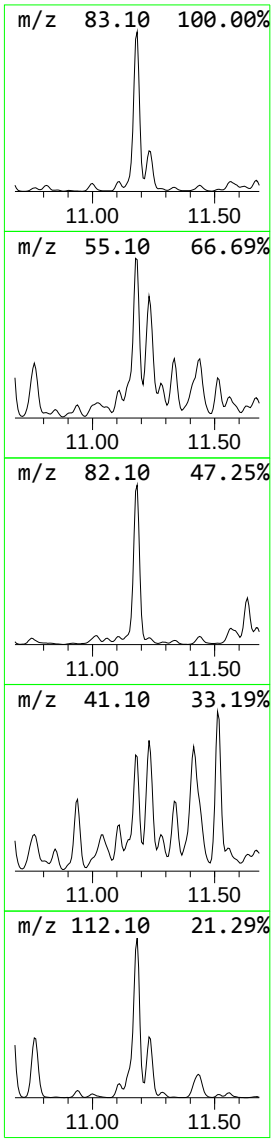
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Cyclic11.182 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.182	73.80 ug/L	3058460	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

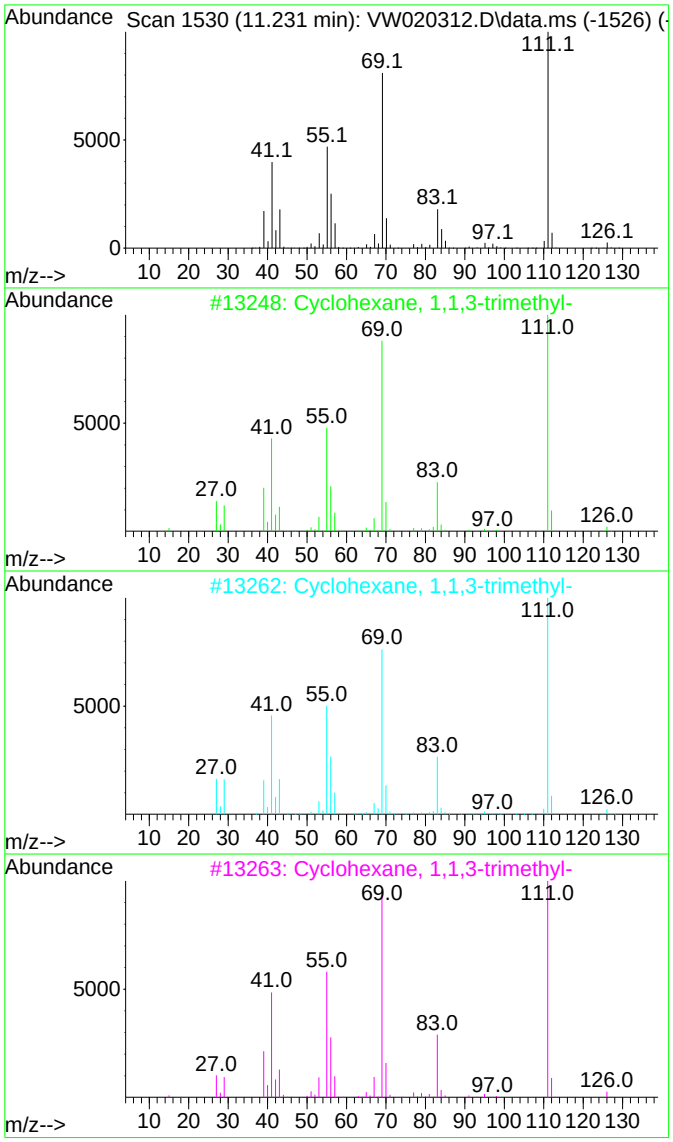
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

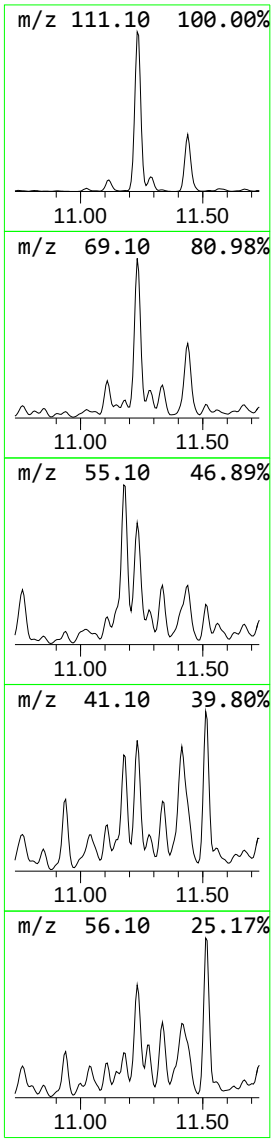
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic11.231 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.231	97.60 ug/L	4045170	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	81
4	Cyclooctane, butyl-	168	C12H24	016538-93-5	78
5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

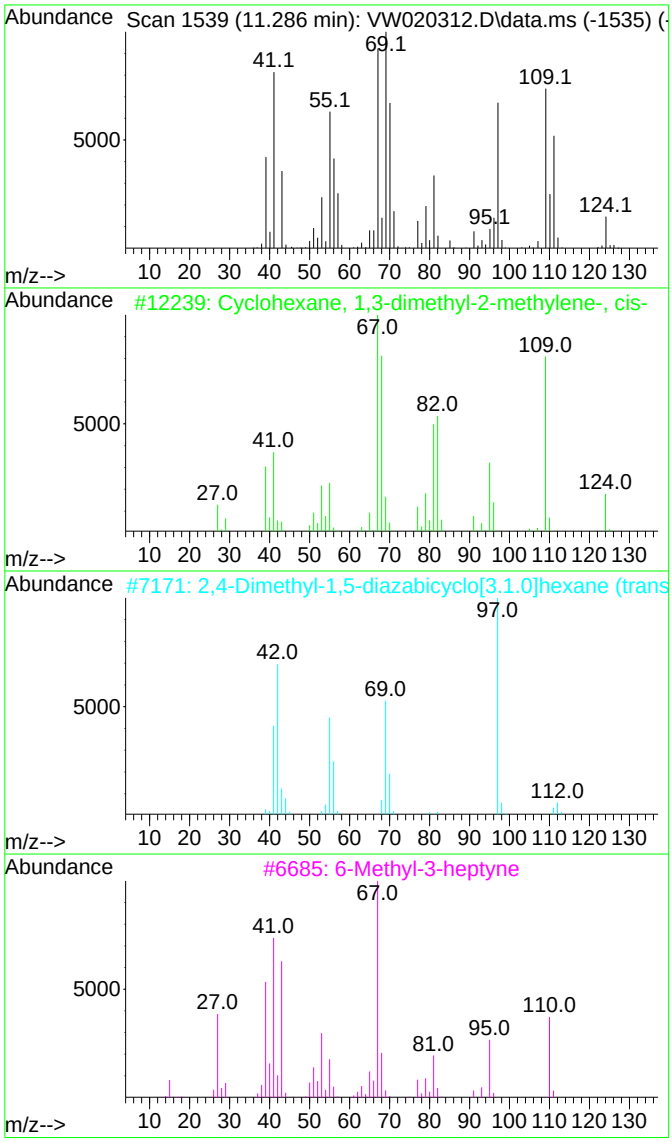
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

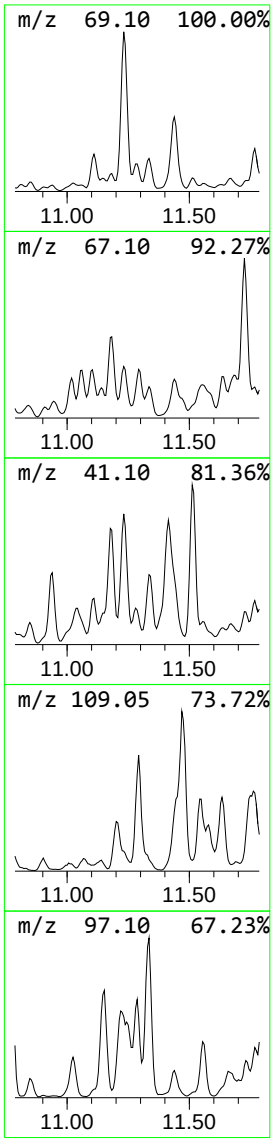
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Cyclic11.286 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	13.81 ug/L	572274	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	41
2	2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	1000283-20-9	27
3	6-Methyl-3-heptyne	110	C8H14	054050-92-9	25
4	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	25
5	3-Octyne, 6-methyl-	124	C9H16	062108-34-3	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

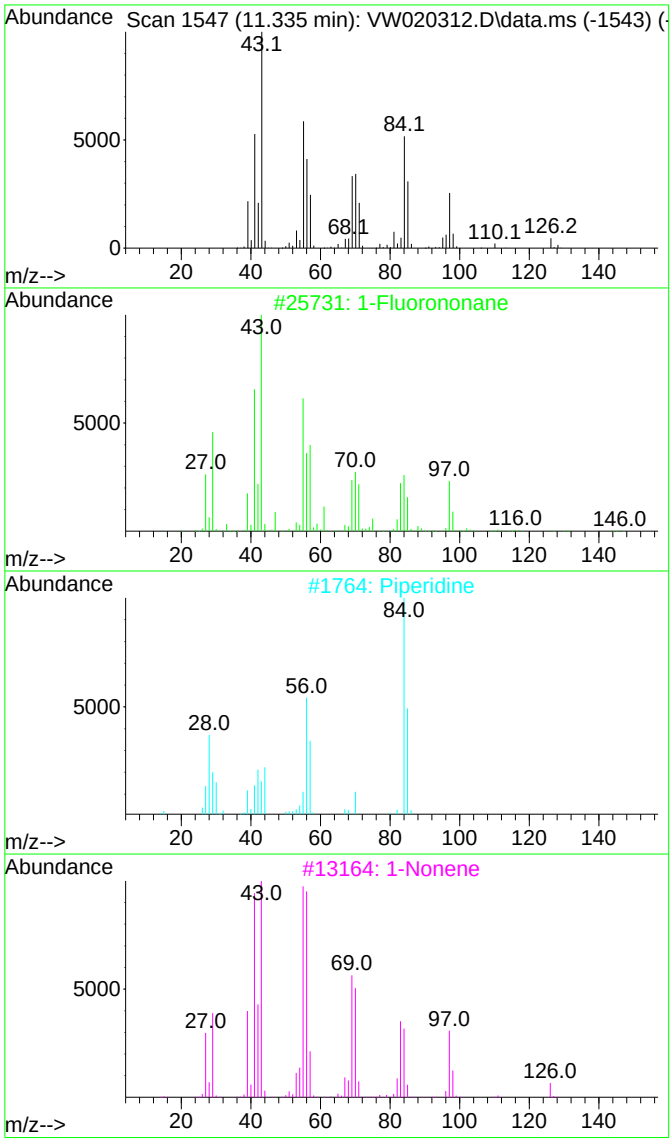
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

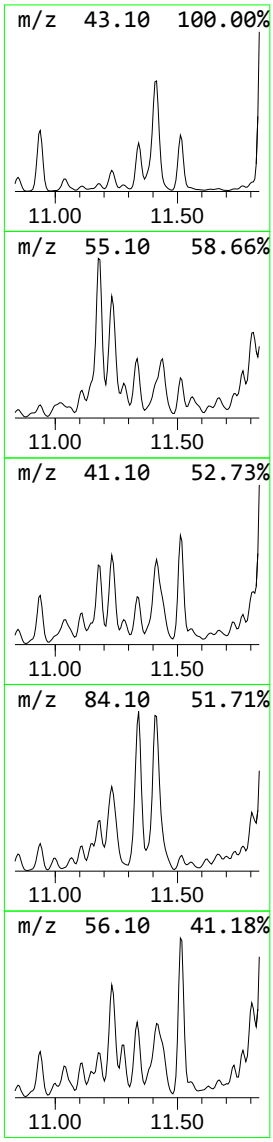
****

Peak Number 27 1-Fluorononane Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.335	47.80 ug/L	1980880	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Fluorononane	146	C9H19F	000463-18-3	64
2	Piperidine	85	C5H11N	000110-89-4	46
3	1-Nonene	126	C9H18	000124-11-8	46
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	43
5	1-Heptene	98	C7H14	000592-76-7	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

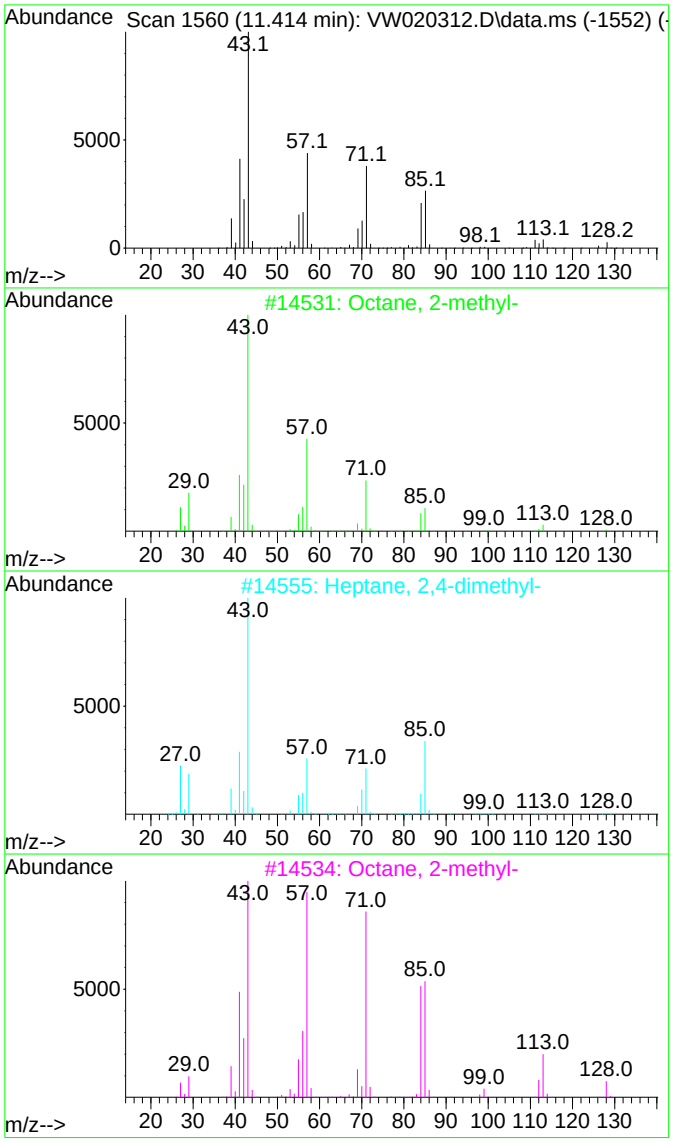
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

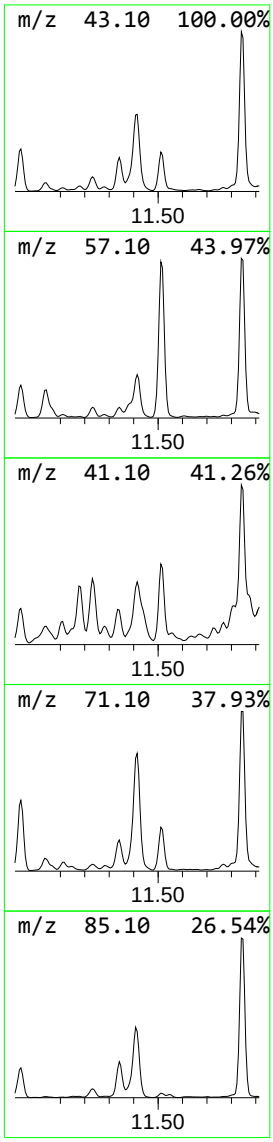
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.414	148.38 ug/L	6149460	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	59
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50
3	Octane, 2-methyl-	128	C9H20	003221-61-2	50
4	Decane	142	C10H22	000124-18-5	50
5	Octane, 2-methyl-	128	C9H20	003221-61-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

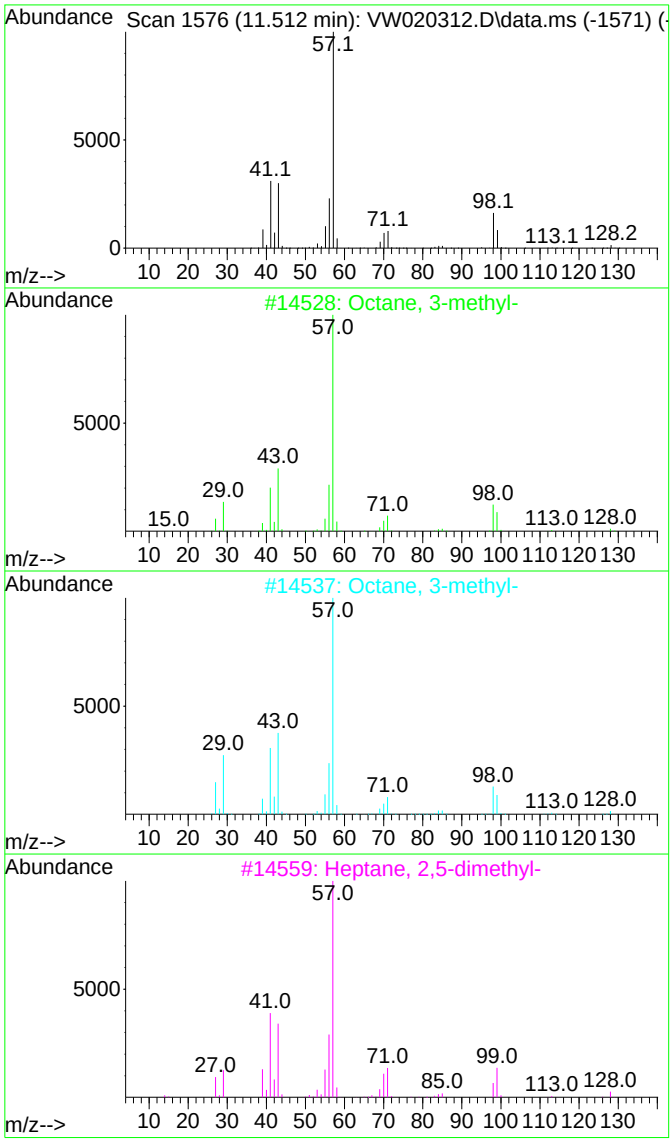
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

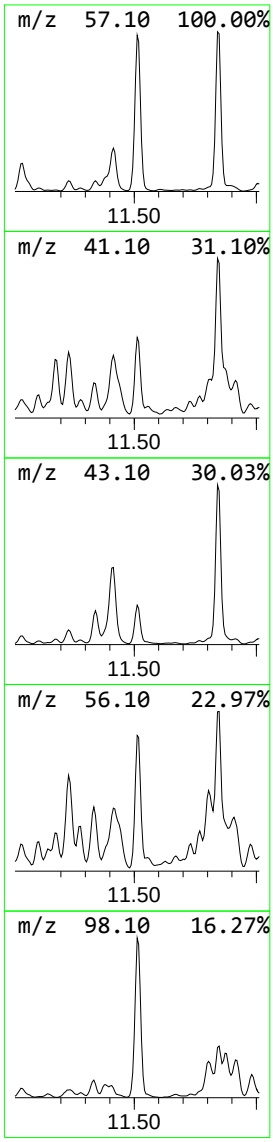
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	96.52 ug/L	4000420	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2	Octane, 3-methyl-	128	C9H20	002216-33-3	90
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
4	Octane, 3-methyl-	128	C9H20	002216-33-3	80
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

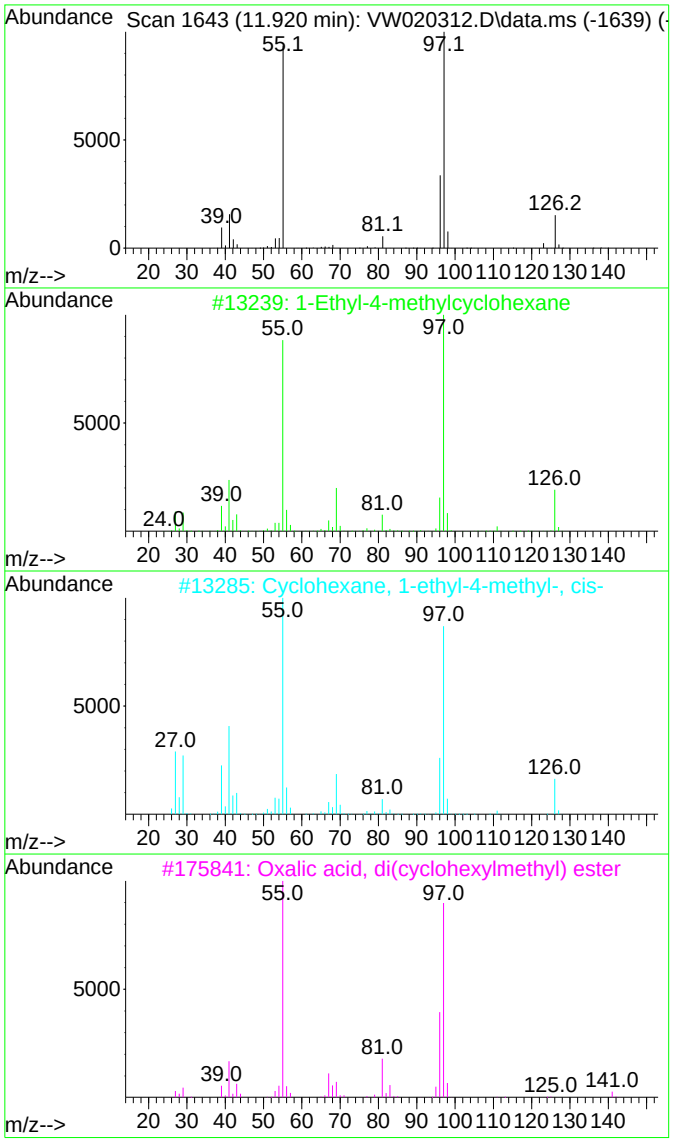
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

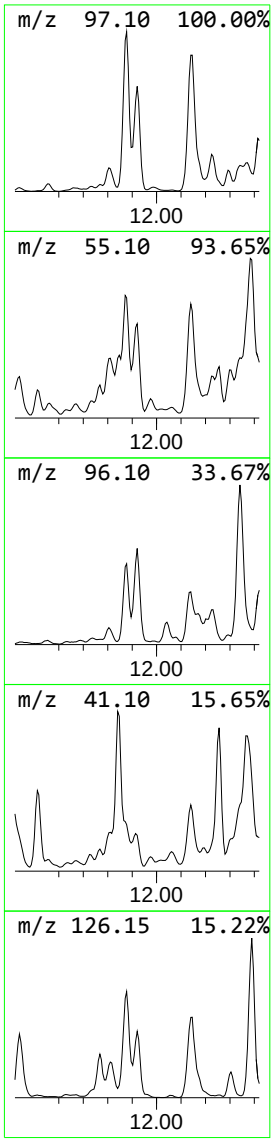
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Cyclic11.920 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.920	63.97 ug/L	2651380	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	80
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72
3	Oxalic acid, di(cyclohexylmethyl...	282	C16H26O4	1000309-68-5	72
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

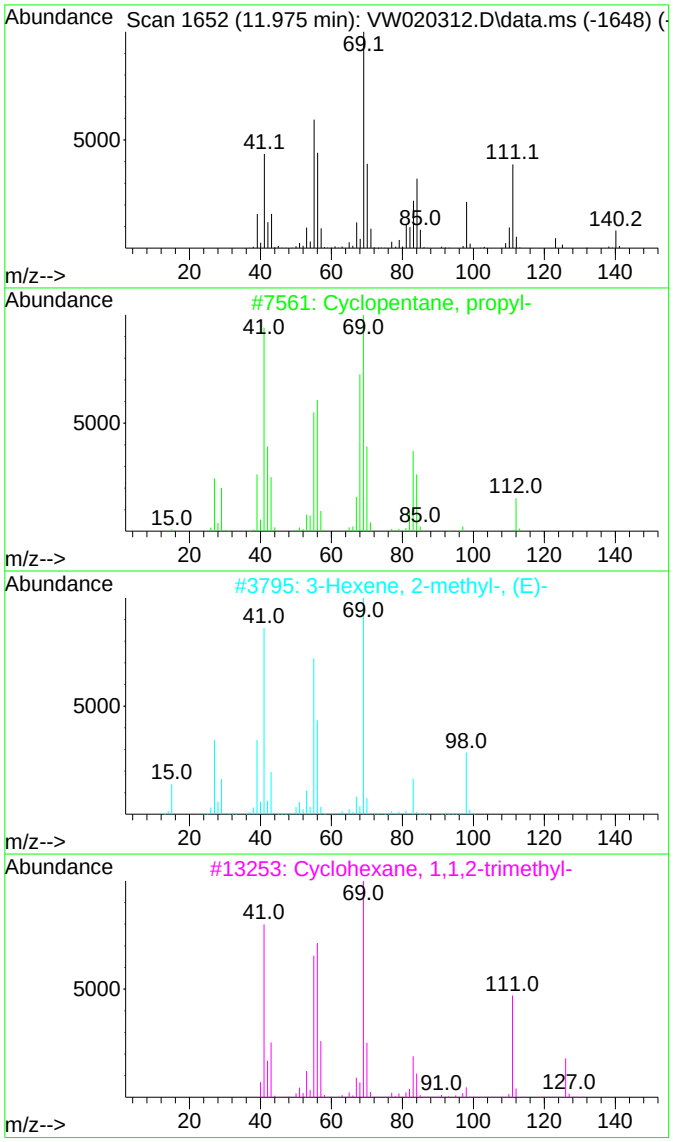
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

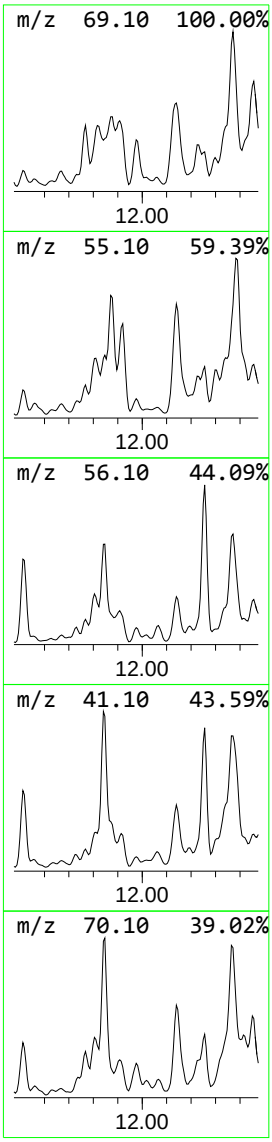
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Cyclic11.975 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	20.04 ug/L	830398	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, propyl-	112	C8H16	002040-96-2	49
2	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	49
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	47
4	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	43
5	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

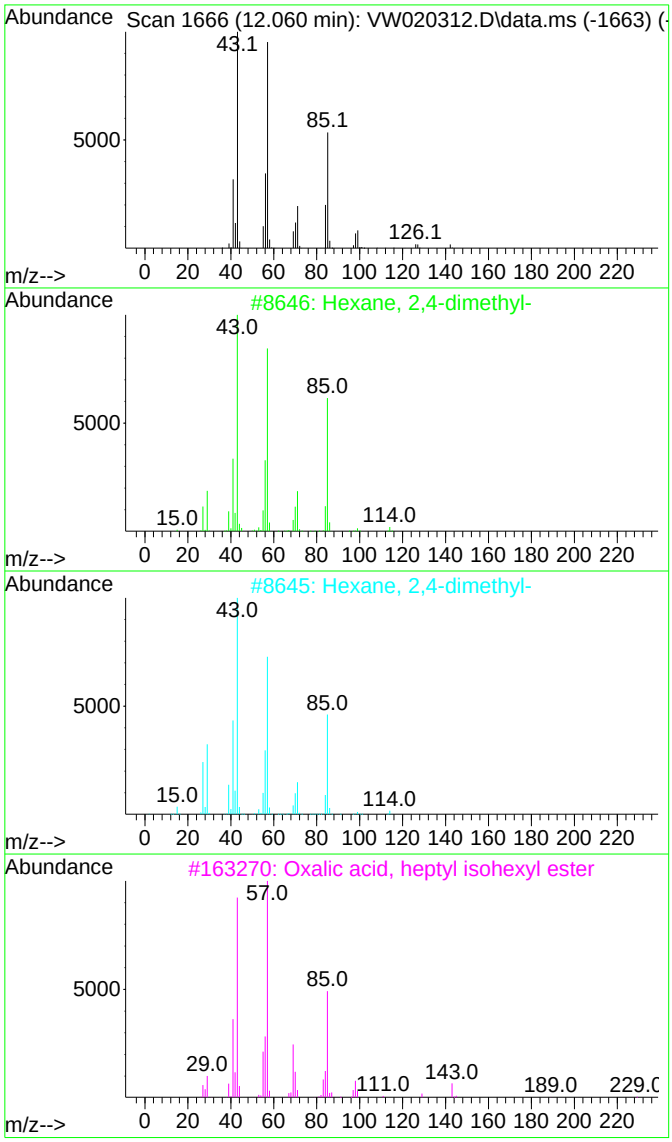
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

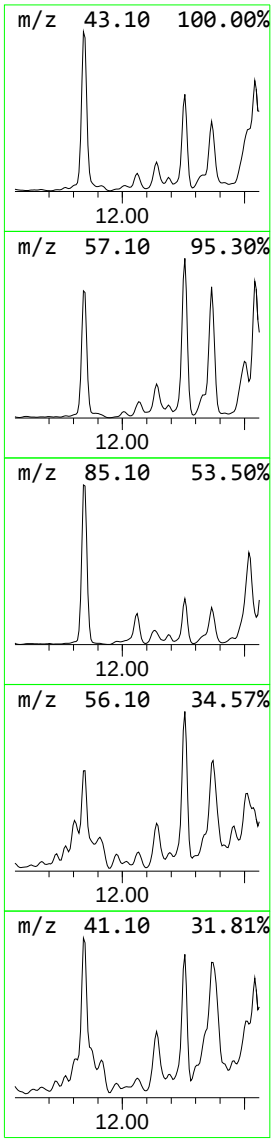
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.060	23.86 ug/L	988741	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	78
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
3	Oxalic acid, heptyl isohexyl ester	272	C15H28O4	1000309-33-1	64
4	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	64
5	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

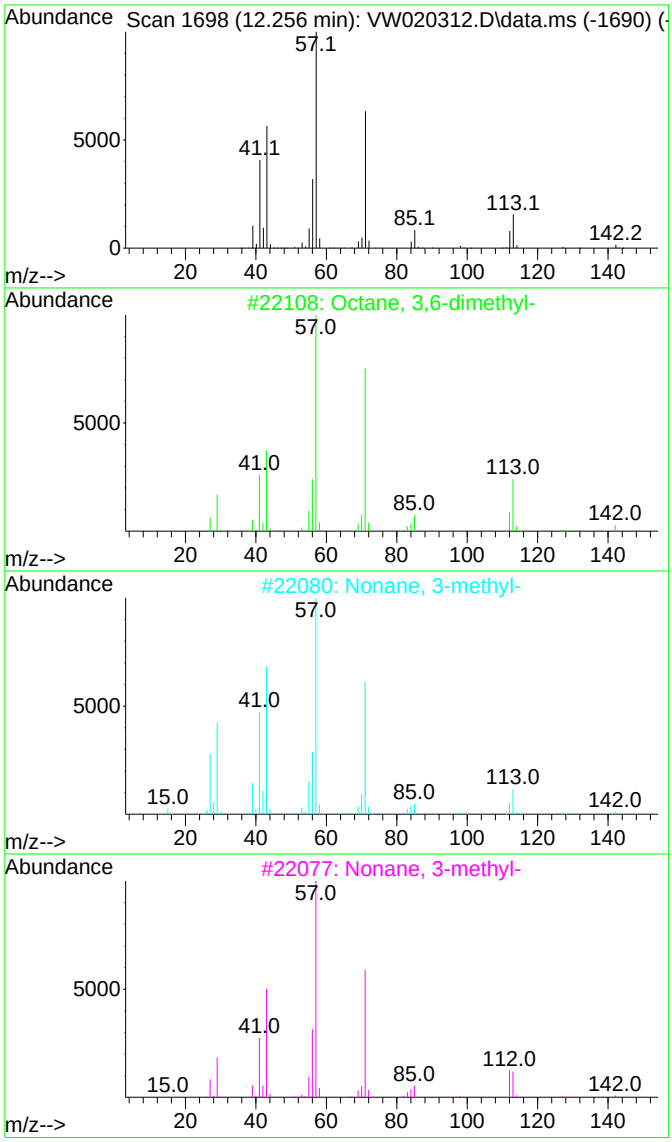
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

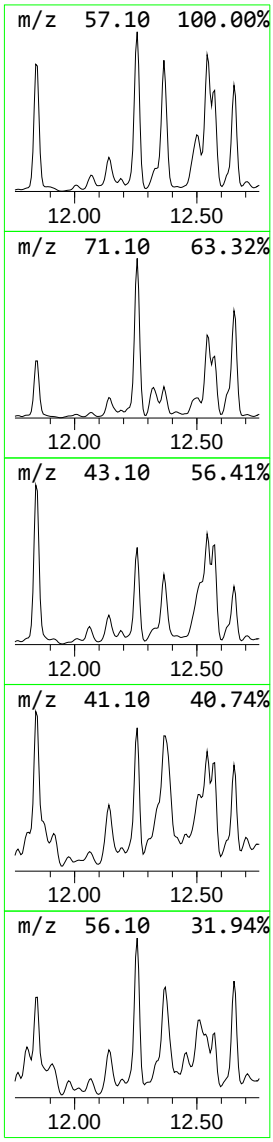
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.256	188.68 ug/L	7819960	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

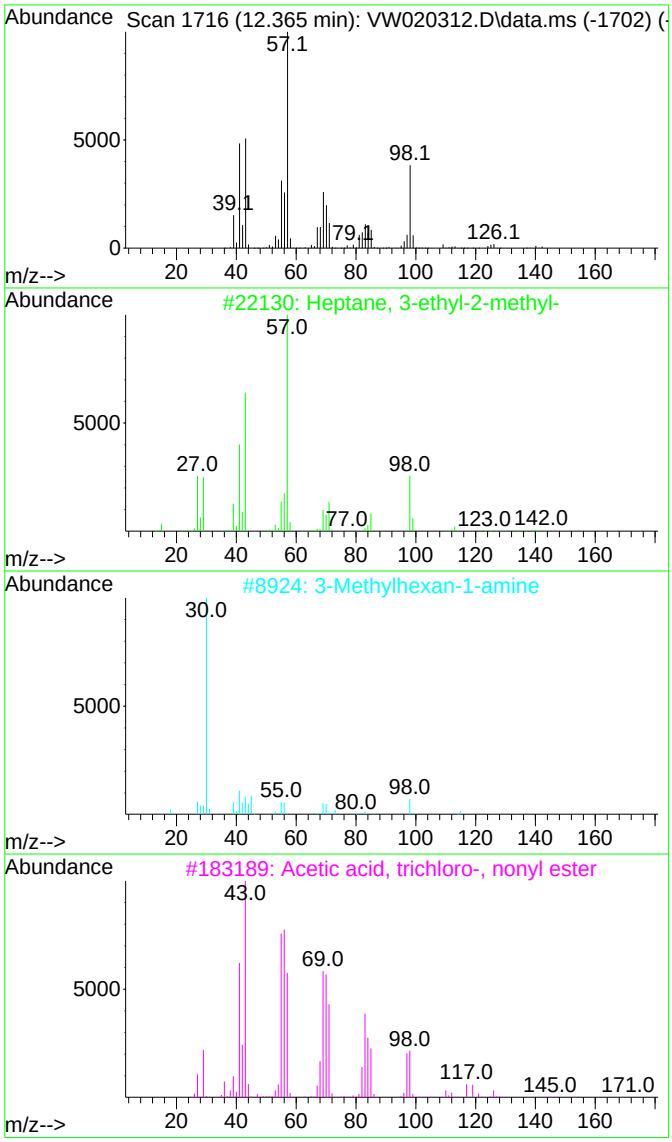
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

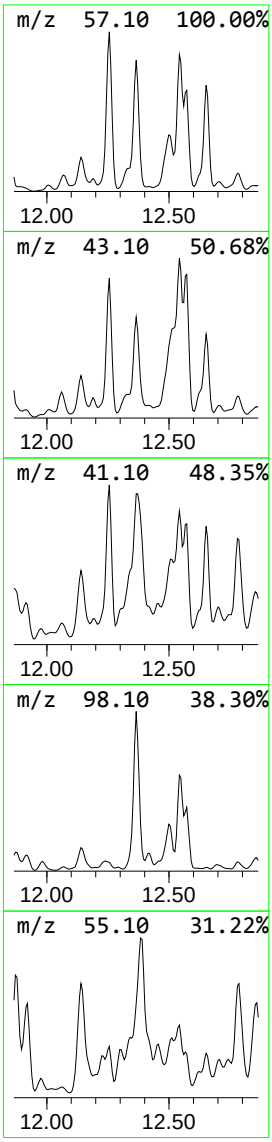
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.365	428.15 ug/L	17744500	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58
2	3-Methylhexan-1-amine	115	C7H17N	065530-93-0	50
3	Acetic acid, trichloro-, nonyl e...	288	C11H19Cl3O2	065611-32-7	50
4	Carbonic acid, butyl heptyl ester	216	C12H24O3	1000314-63-4	43
5	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

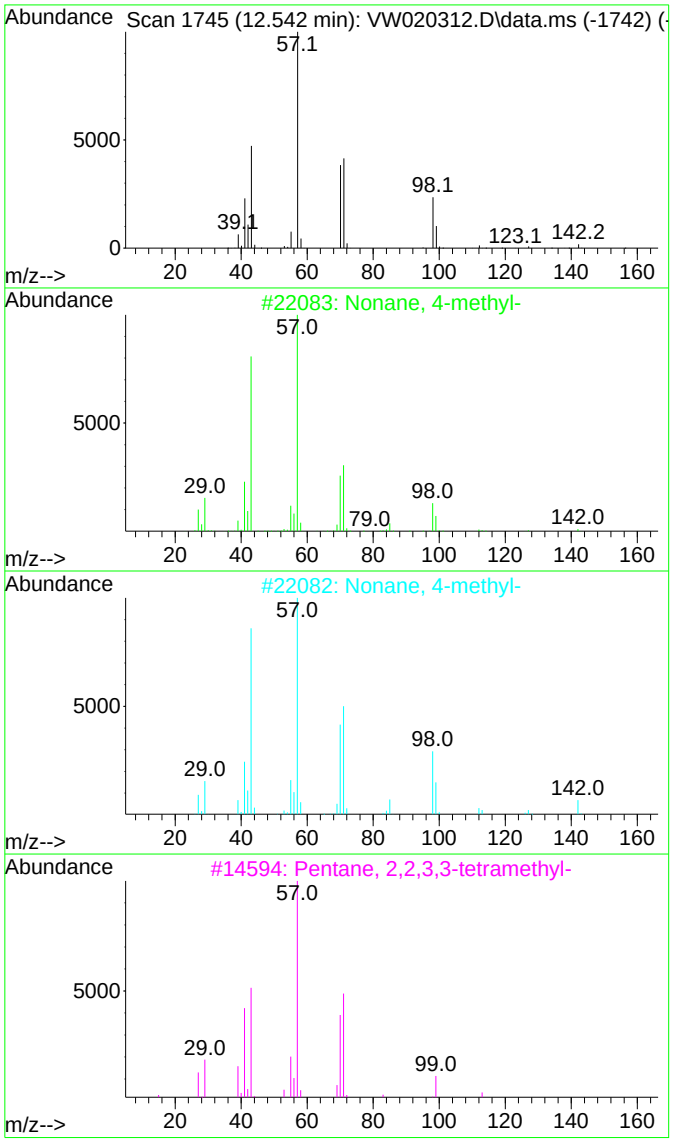
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

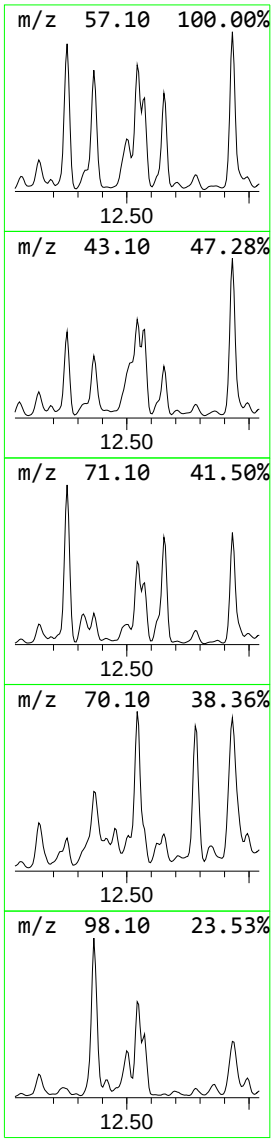
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.542	173.77 ug/L	7201860	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	86
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	78
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
4	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

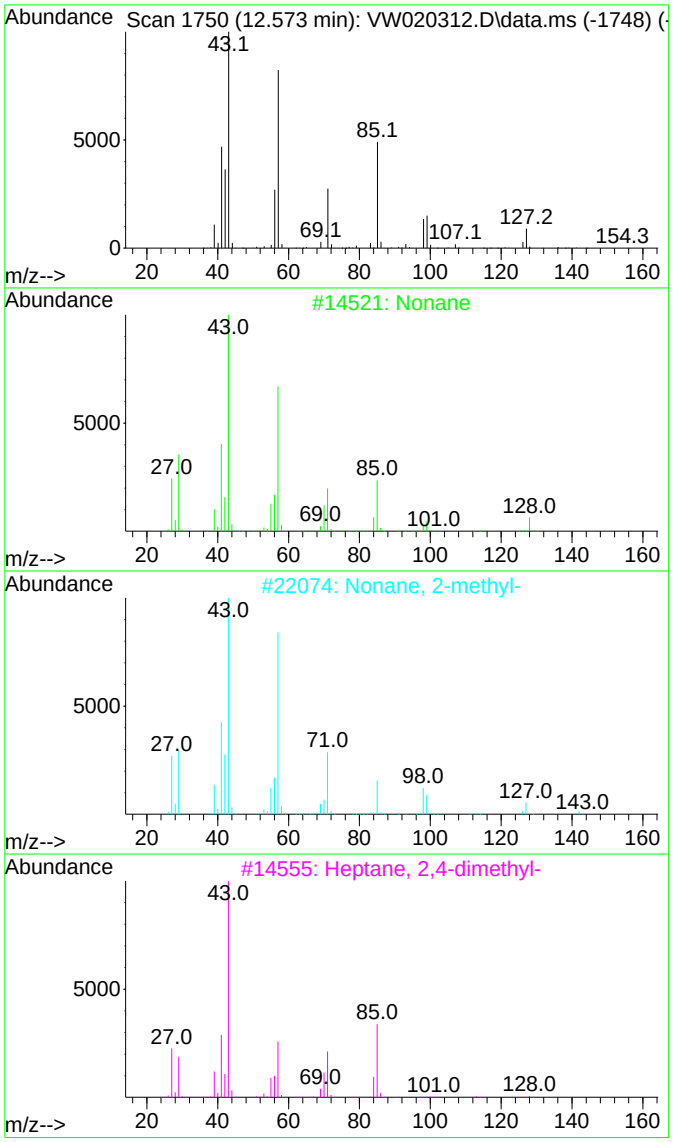
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

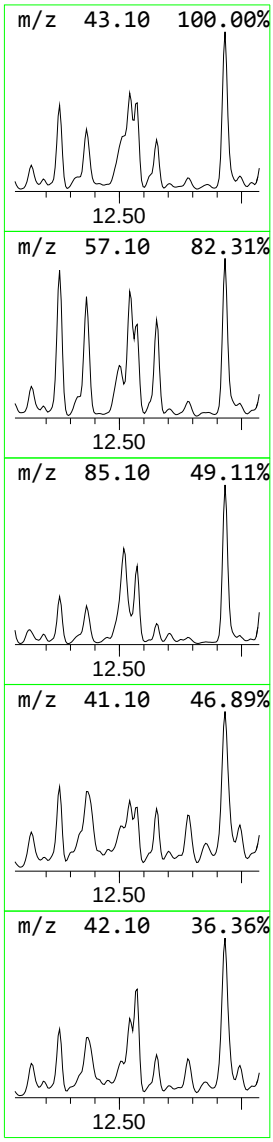
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.573	90.51 ug/L	3751110	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	64
2	Nonane, 2-methyl-	142	C10H22	000871-83-0	59
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47
4	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	47
5	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

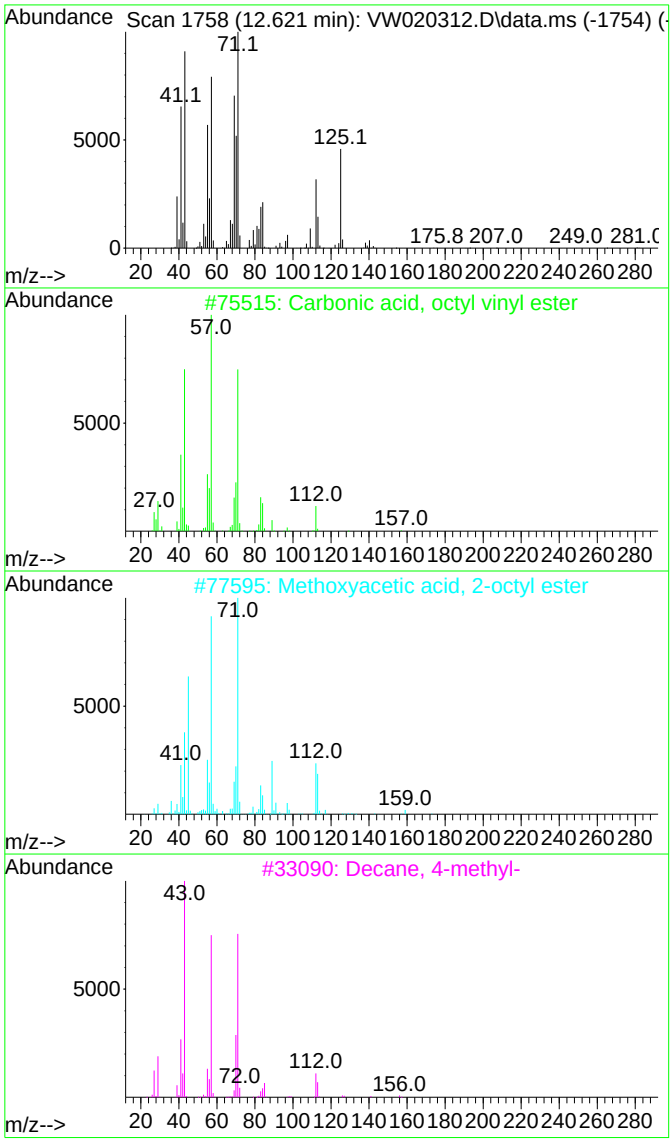
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

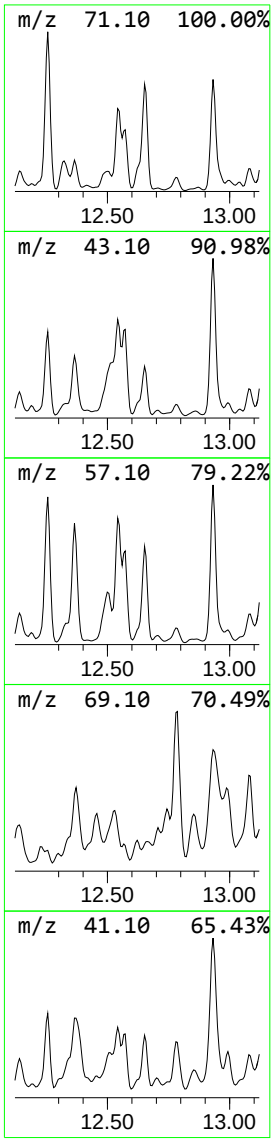
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Carbonic acid, octyl vinyl ... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.621	4.55 ug/L	944096	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, octyl vinyl ester	200	C11H20O3	1000383-25-5	53
2	Methoxyacetic acid, 2-octyl ester	202	C11H22O3	1000282-69-6	47
3	Decane, 4-methyl-	156	C11H24	002847-72-5	47
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38
5	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

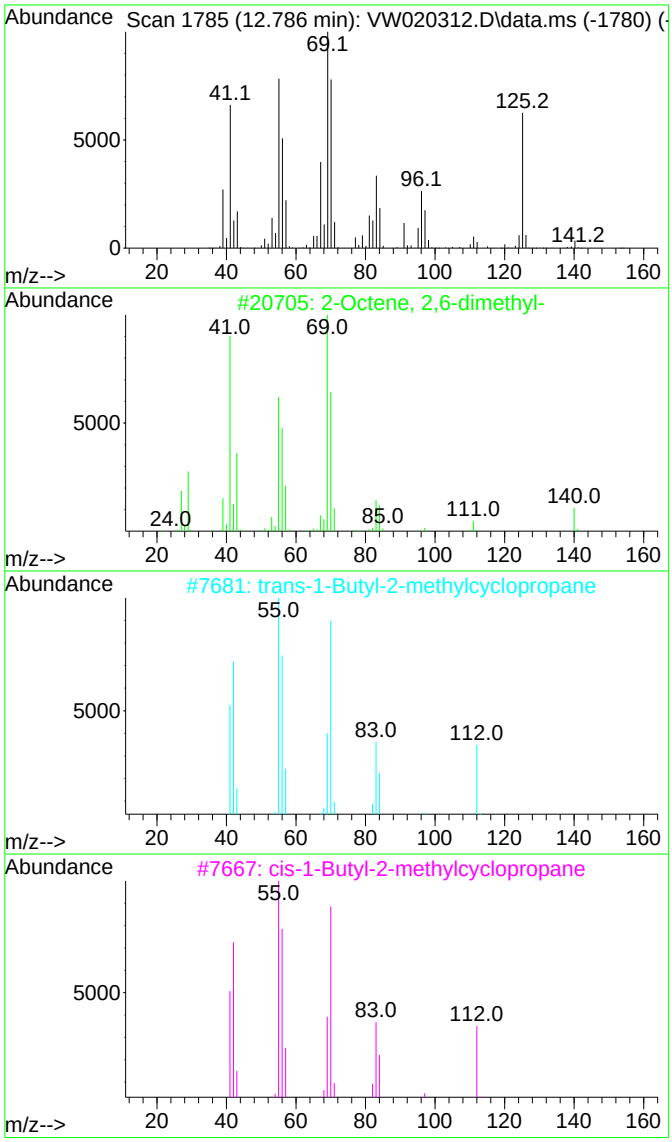
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

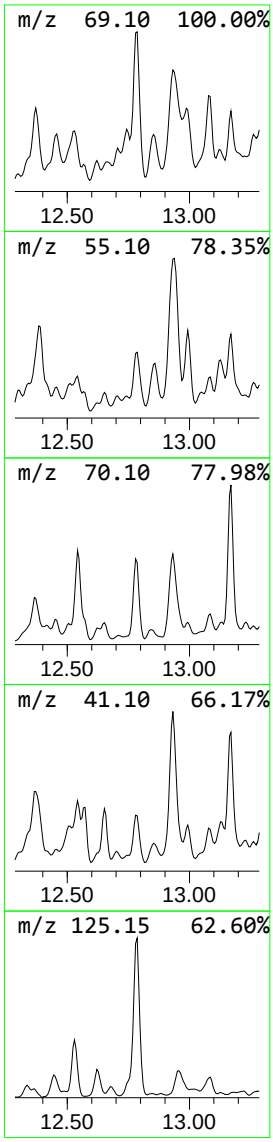
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.786	33.33 ug/L	6913720	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	60
2	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	46
3	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	46
4	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	46
5	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

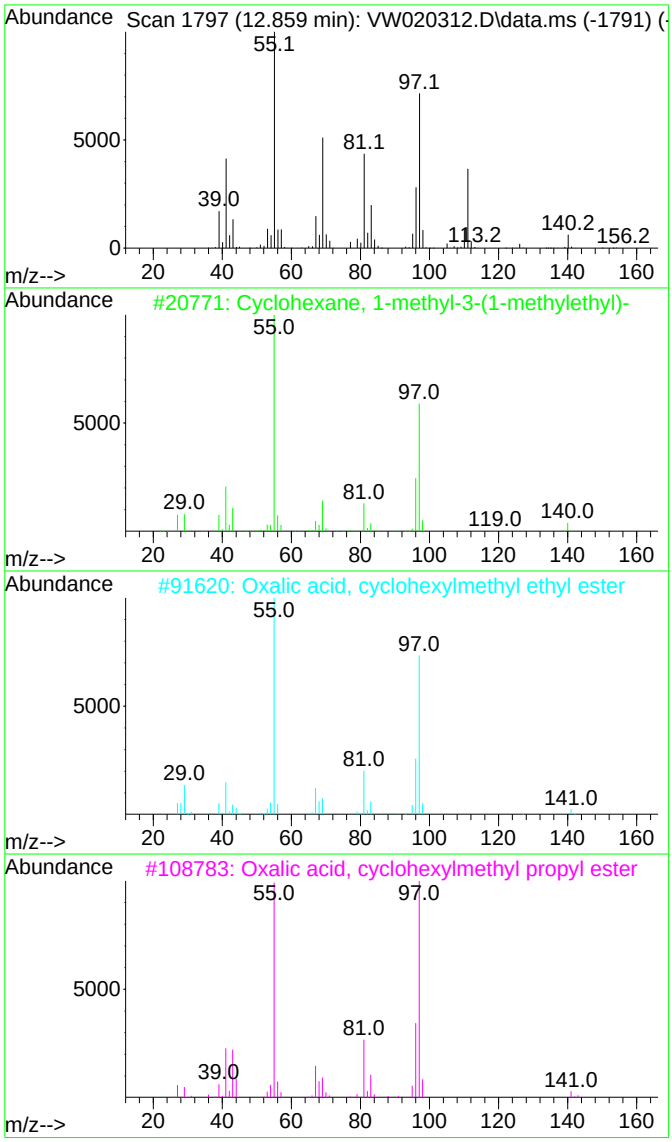
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

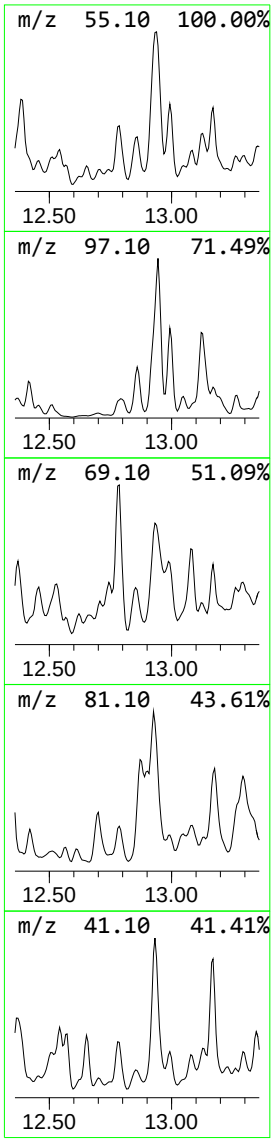
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Cyclic12.859 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	15.60 ug/L	3236120	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	52
2	Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	50
3	Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1010309-68-1	50
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	47
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

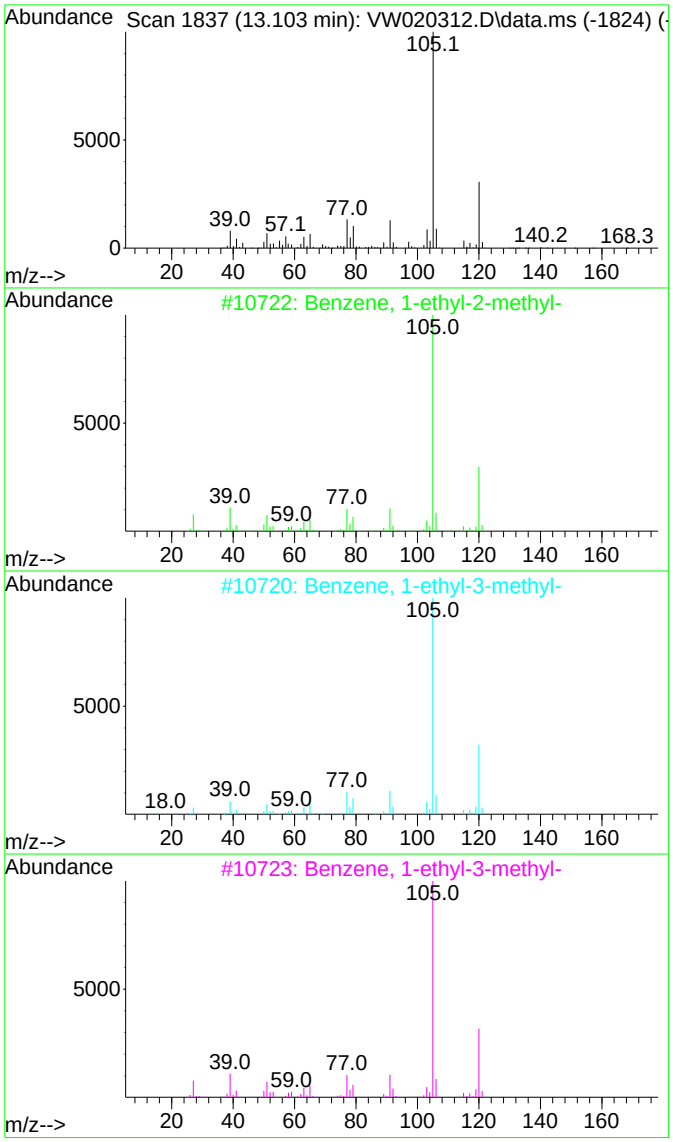
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

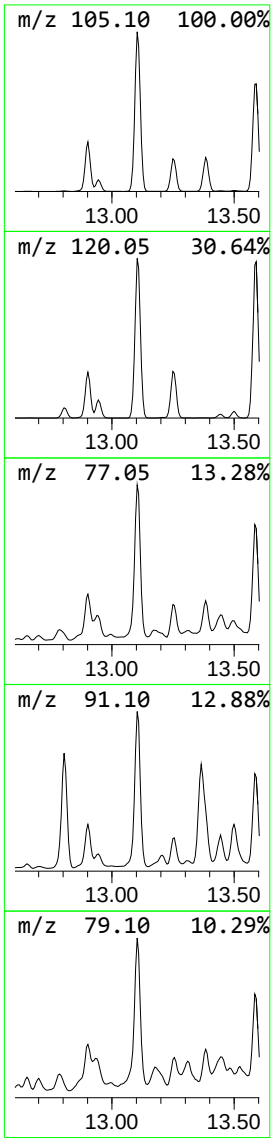
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	88.37 ug/L	18329900	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

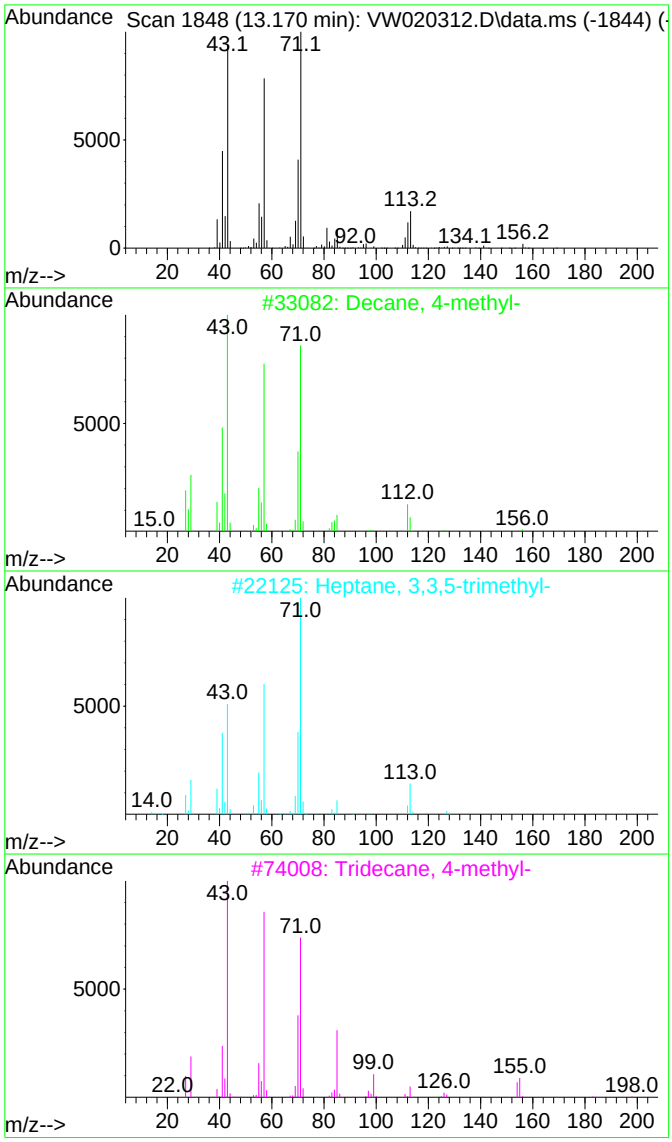
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

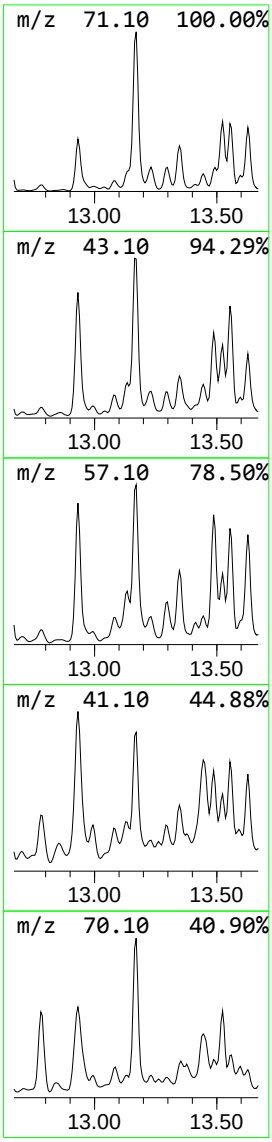
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.170	62.89 ug/L	13043600	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	90
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
4	Decane, 4-methyl-	156	C11H24	002847-72-5	64
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

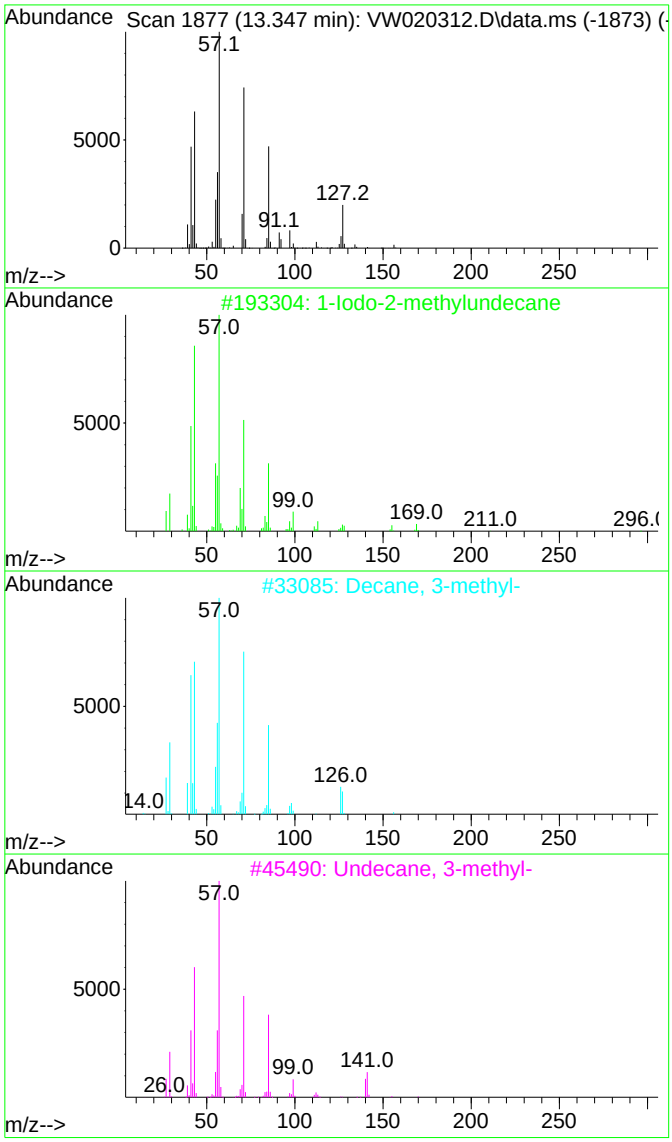
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

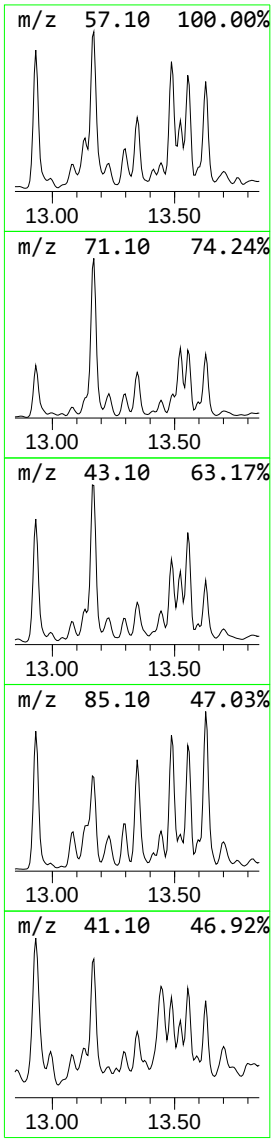
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 1-Iodo-2-methylundecane Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.347	19.25 ug/L	3991820	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
2	Decane, 3-methyl-	156	C11H24	013151-34-3	68
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
4	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	64
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

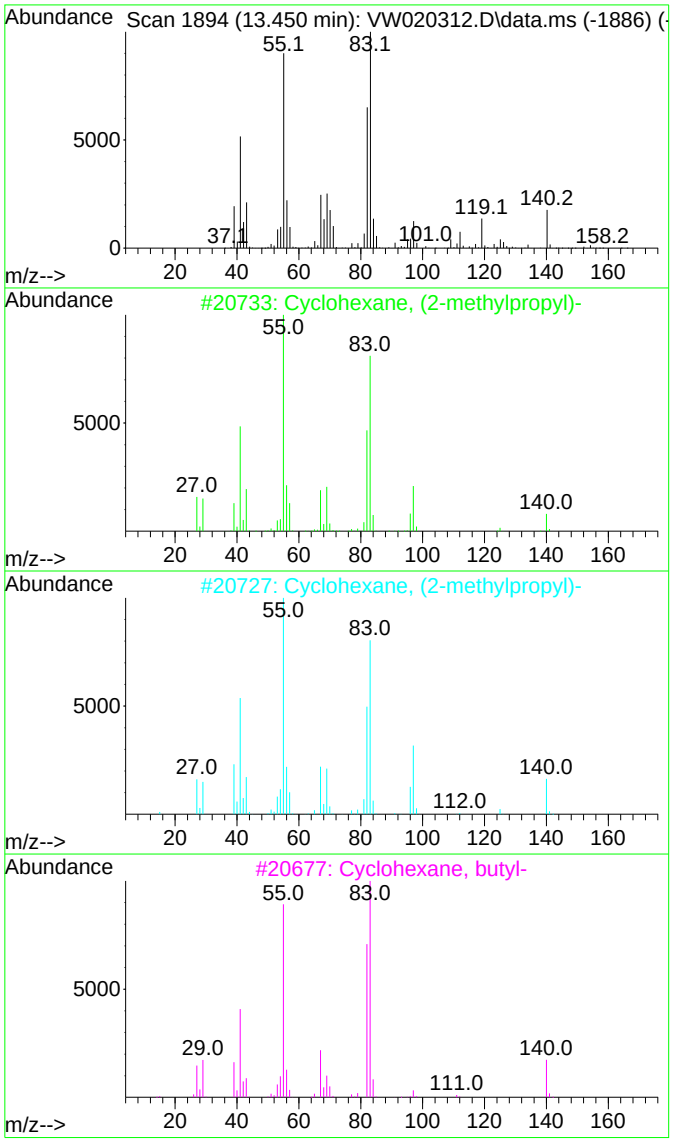
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

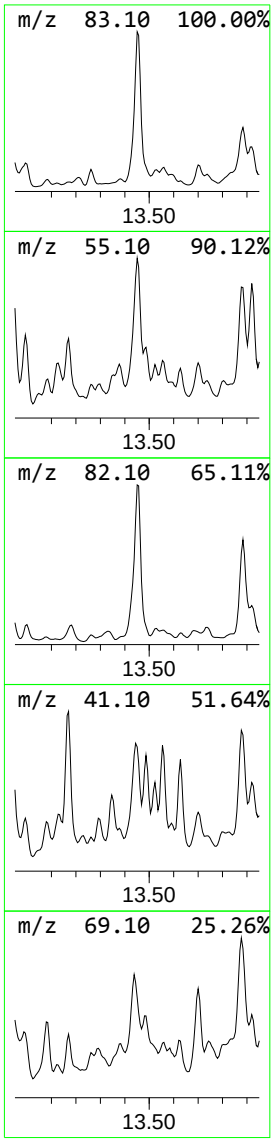
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Cyclic13.450 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.450	62.09 ug/L	12878200	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	86
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

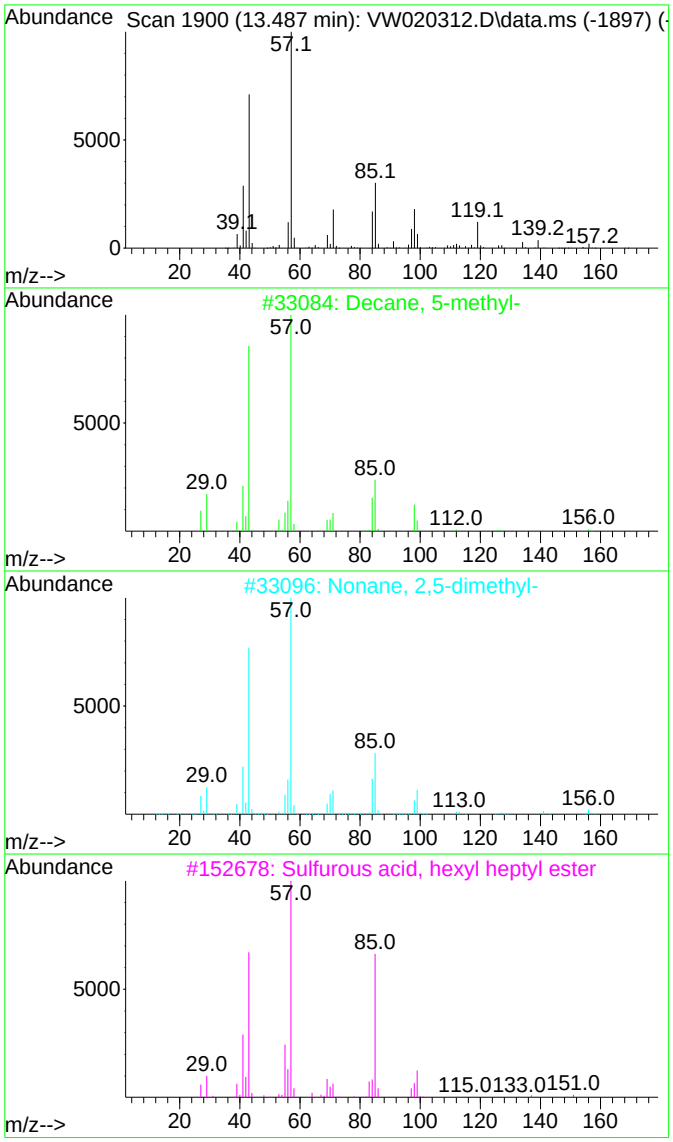
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

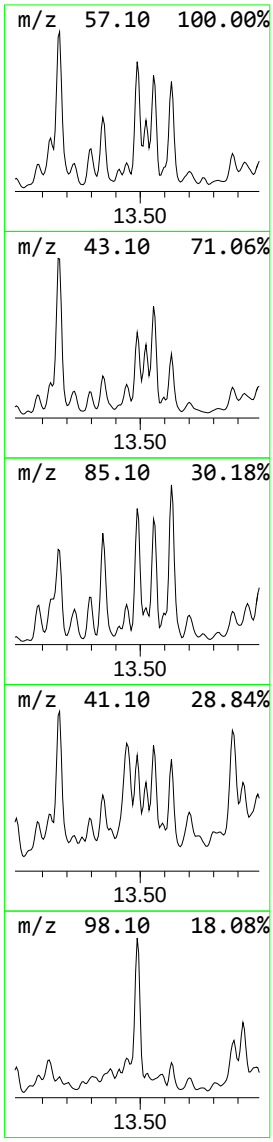
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.487	32.39 ug/L	6718380	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	74
2	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	58
3	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	47
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	43
5	Decane, 5-methyl-	156	C11H24	013151-35-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

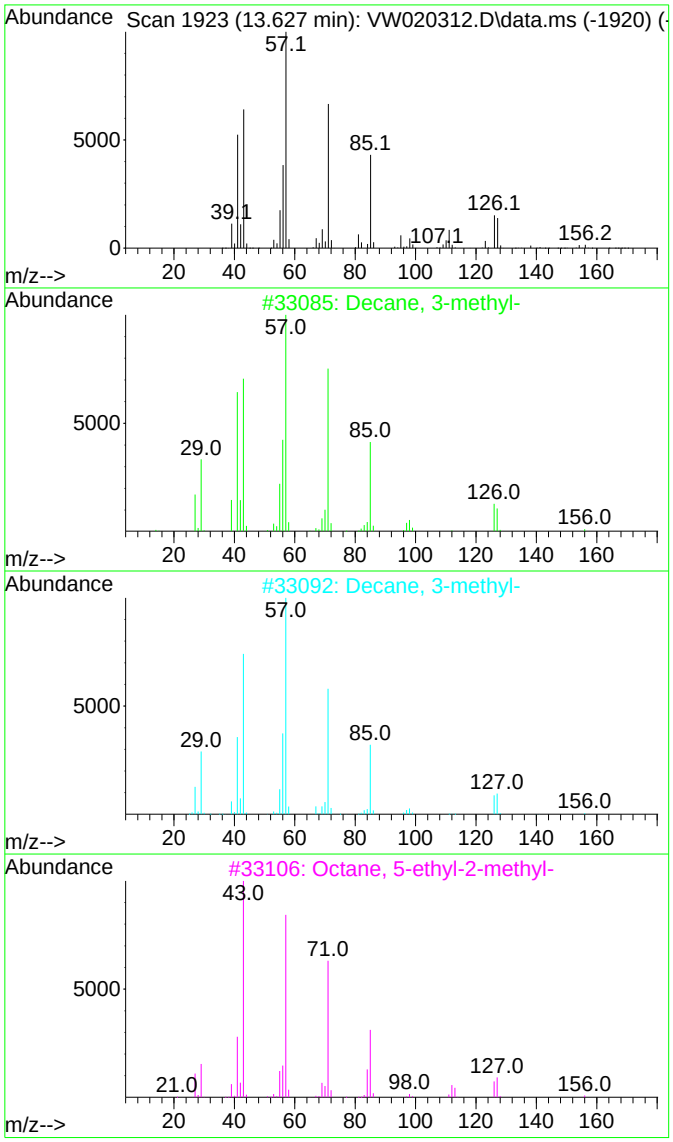
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

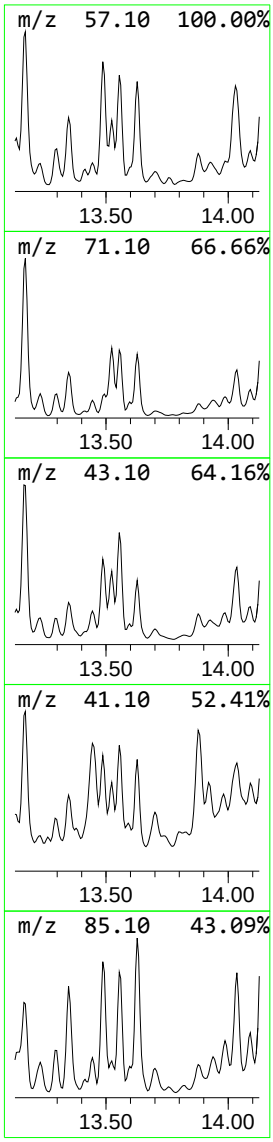
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.627	30.27 ug/L	6277620	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	91
2	Decane, 3-methyl-	156	C11H24	013151-34-3	91
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	59
4	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	59
5	Octane, 2-methyl-	128	C9H20	003221-61-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

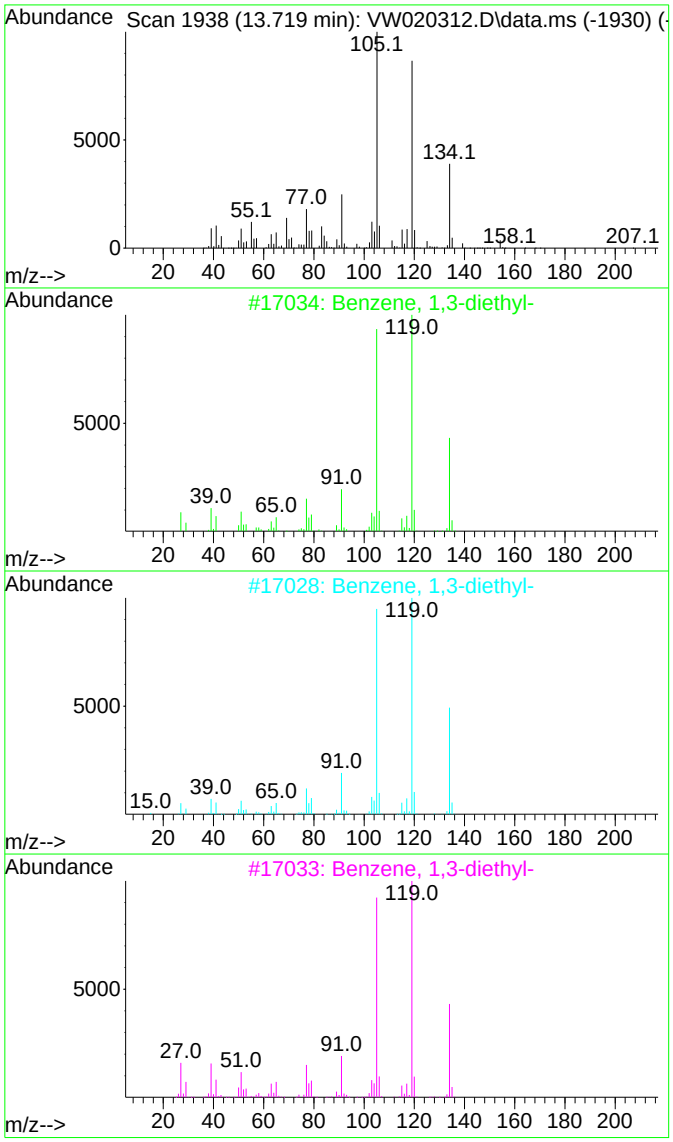
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

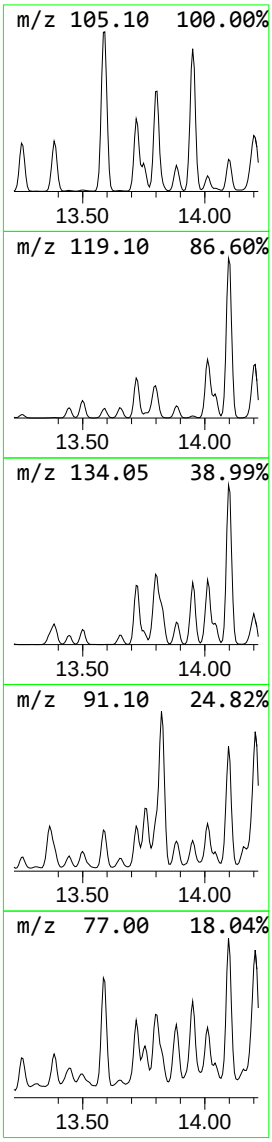
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benzene, 1,3-diethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.719	39.48 ug/L	8188380	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

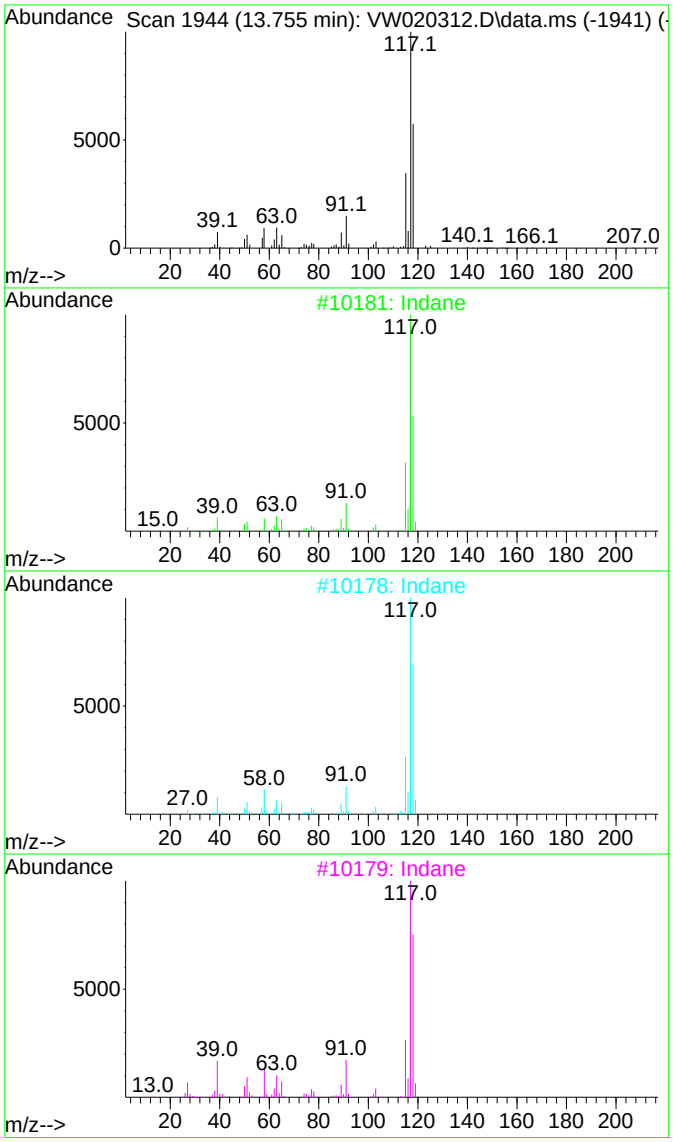
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

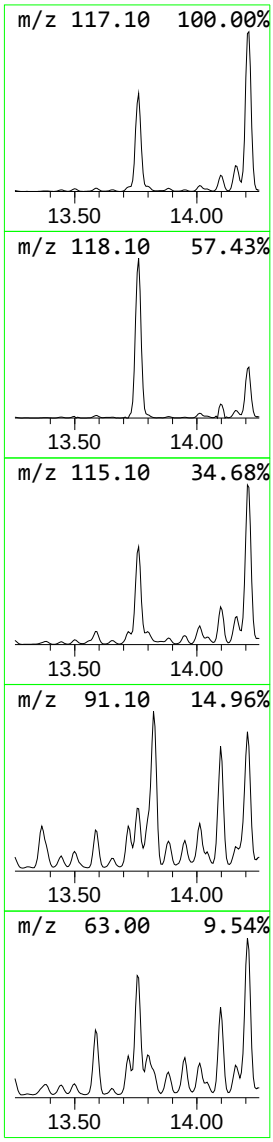
****

Peak Number 47 Indane Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	24.79 ug/L	5142720	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	81
3	Indane	118	C9H10	000496-11-7	64
4	Indane	118	C9H10	000496-11-7	60
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

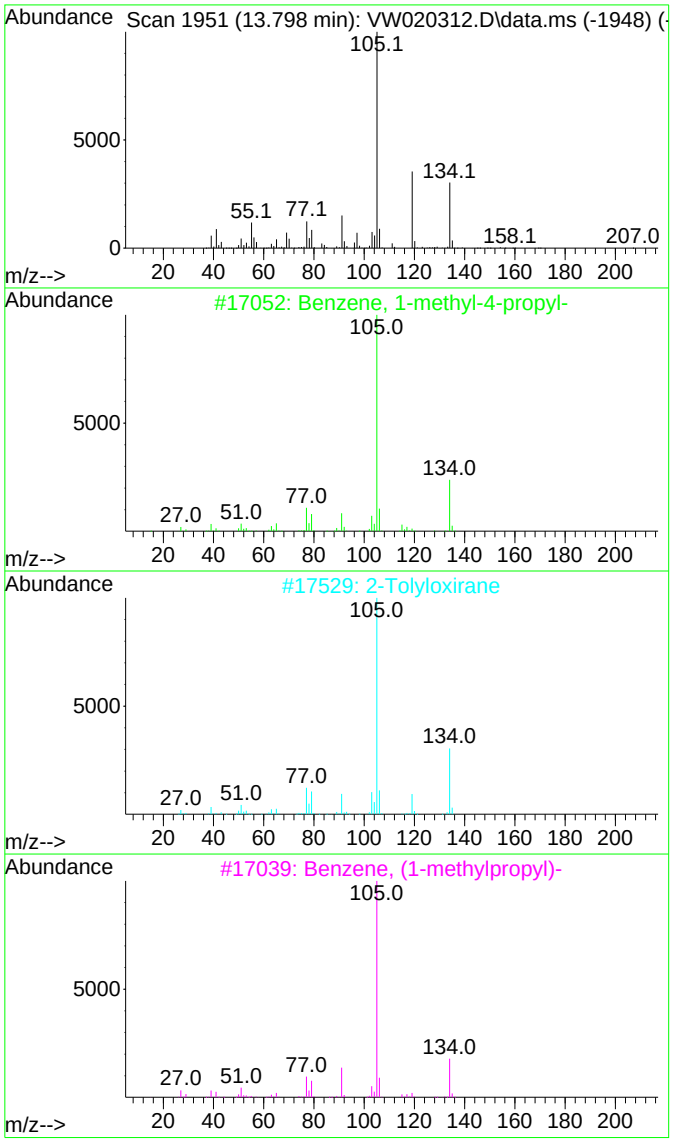
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

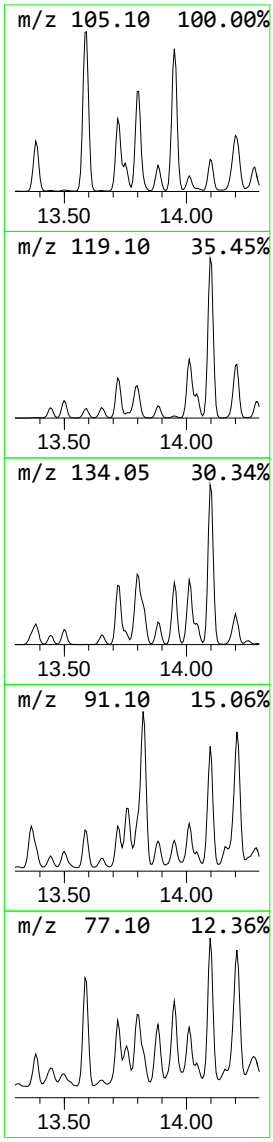
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Benzene, 1-methyl-4-propyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	28.51 ug/L	5912420	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76
2	2-Tolyloxirane	134	C9H10O	002783-26-8	76
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	64
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

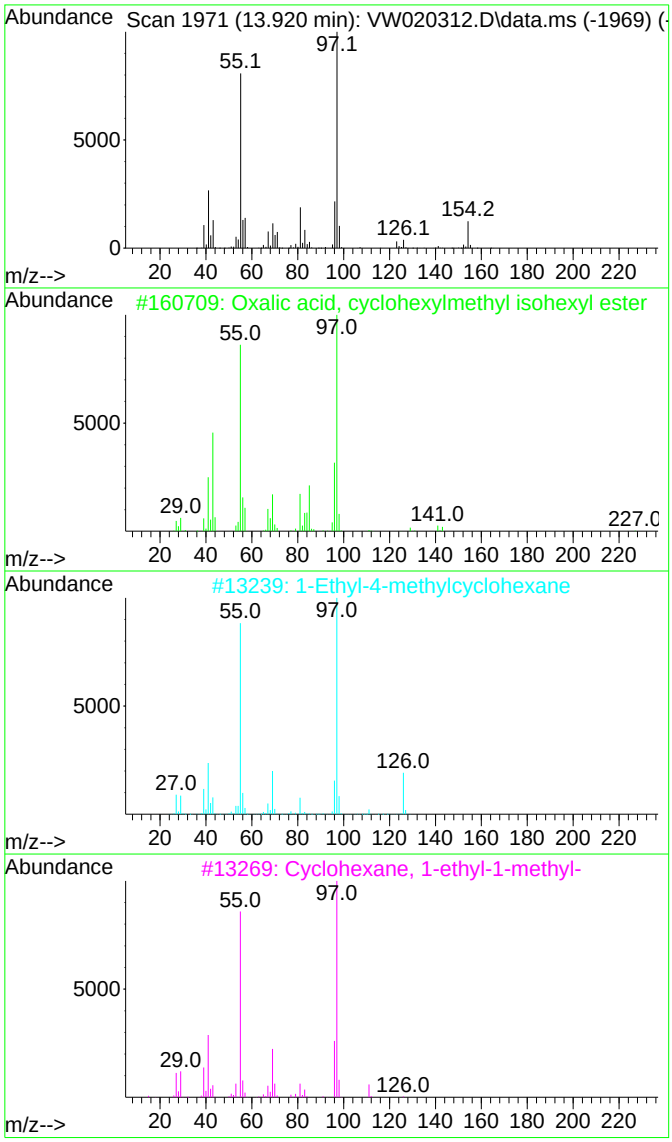
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

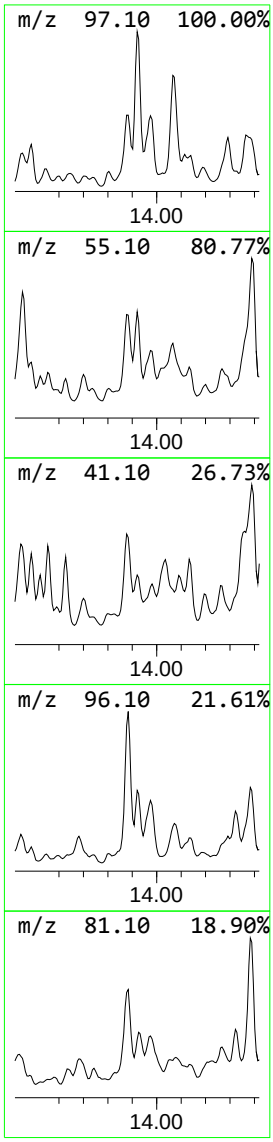
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Oxalic acid, cyclohexylmeth... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.920	9.65 ug/L	2001320	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	78
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59
4	Sulfurous acid, butyl cyclohexyl...	234	C11H22O3S	1000309-21-4	59
5	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

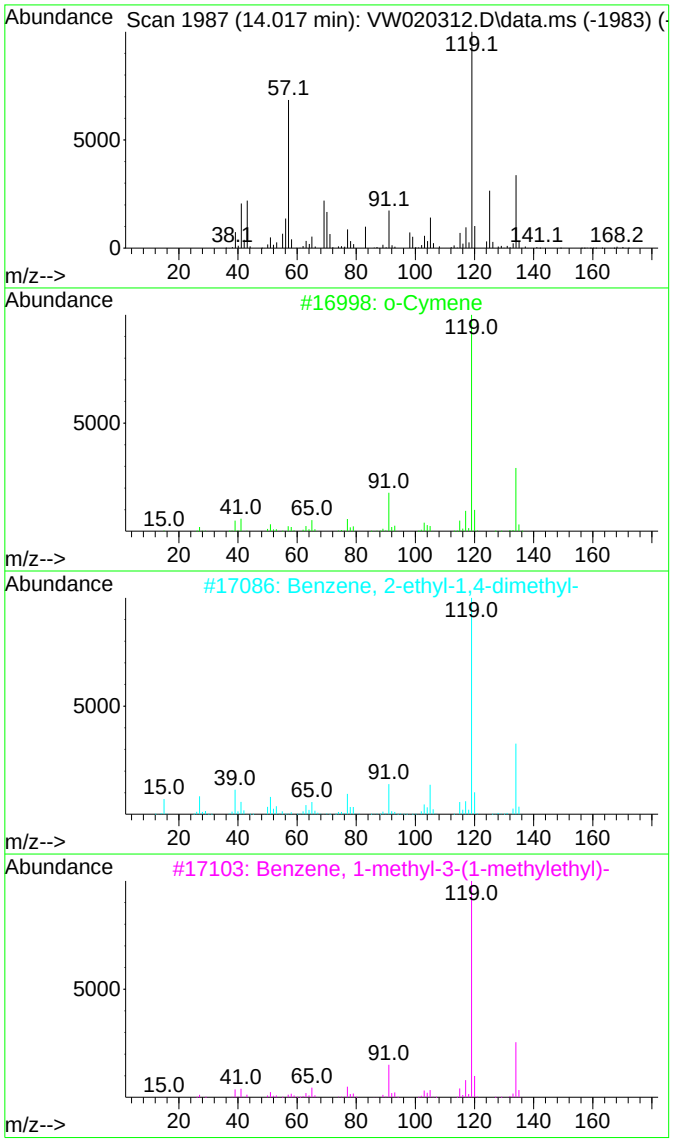
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

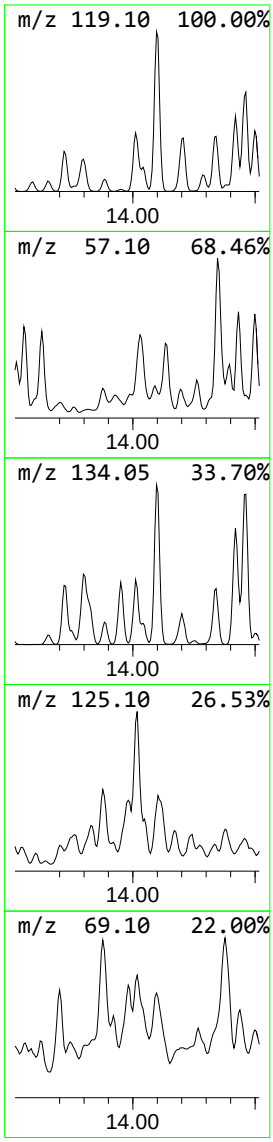
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 o-Cymene Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.017	20.44 ug/L	4239010	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

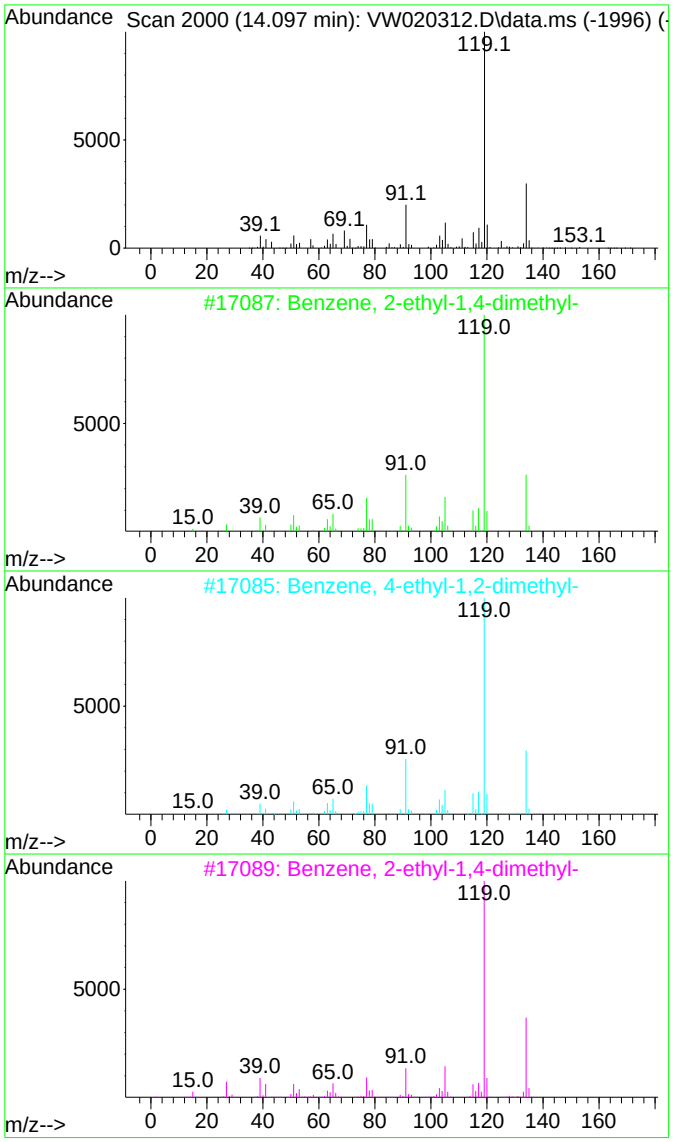
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

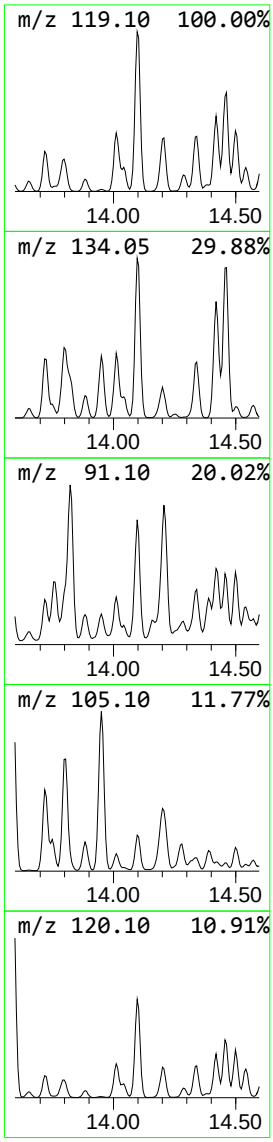
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.097	45.74 ug/L	9486380	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

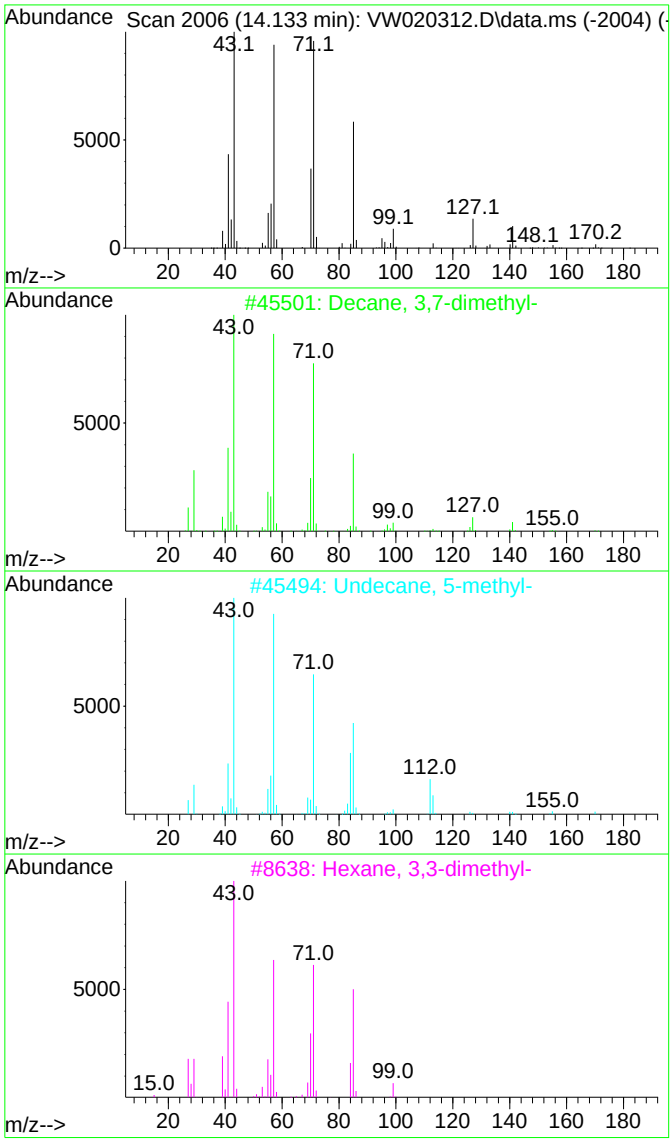
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

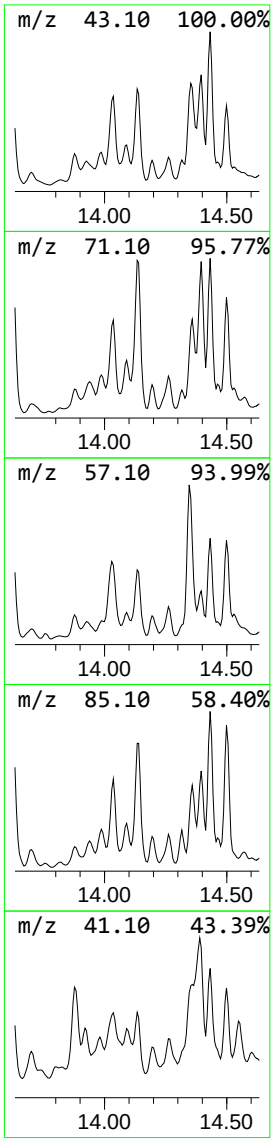
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.133	27.50 ug/L	5703120	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	94
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	76
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
4	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	72
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

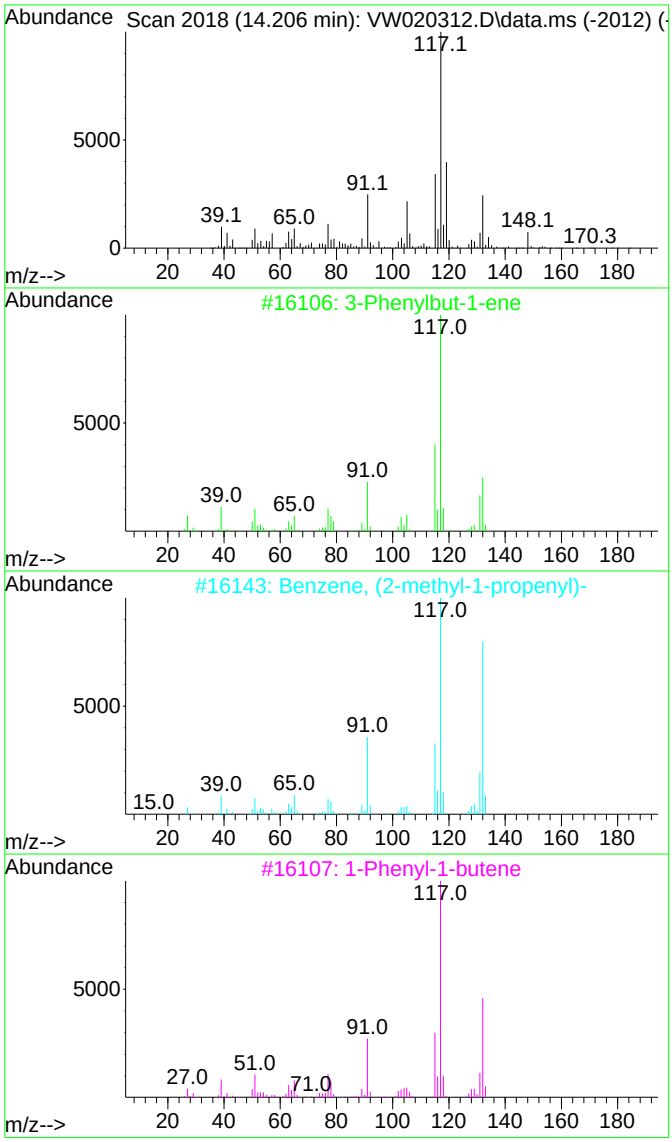
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

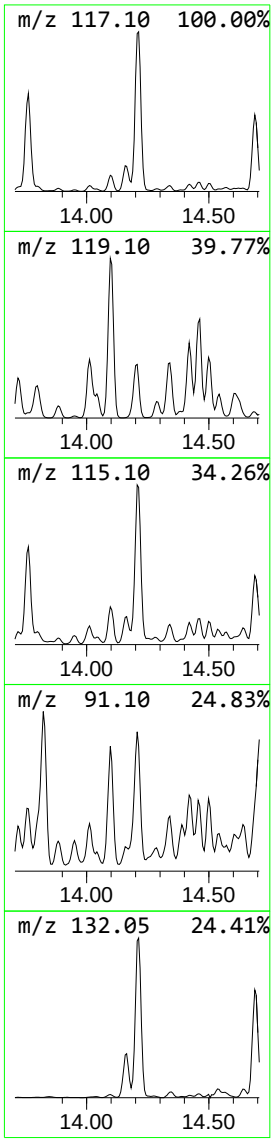
****

Peak Number 53 3-Phenylbut-1-ene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.206	80.17 ug/L	16629300	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
4	Indan, 1-methyl-	132	C10H12	000767-58-8	60
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

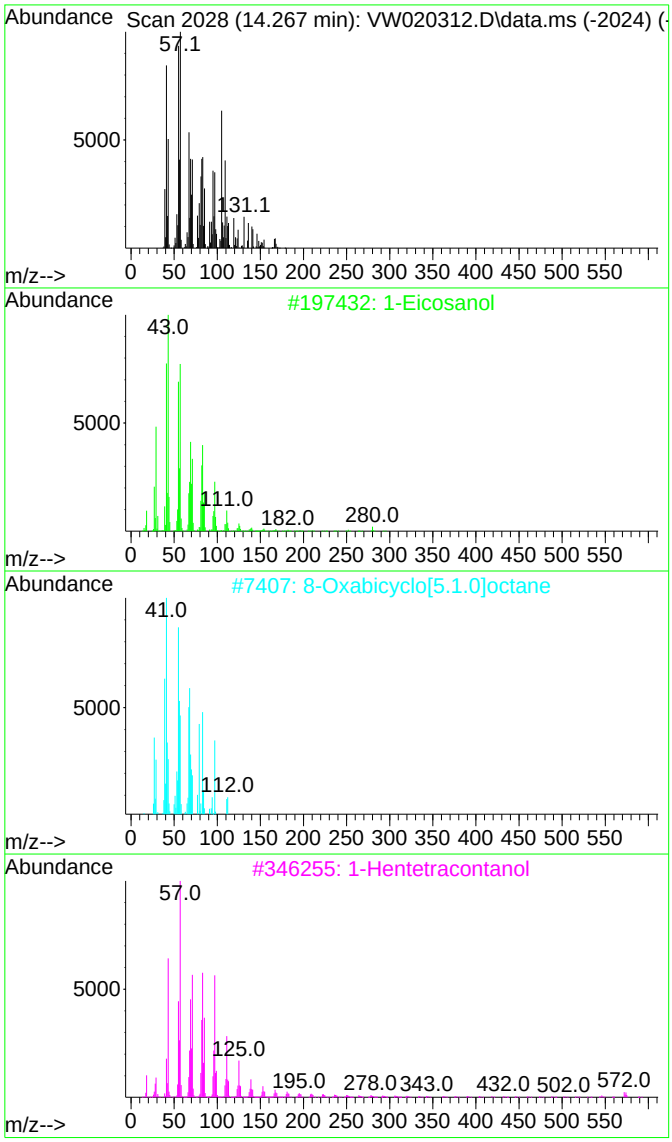
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

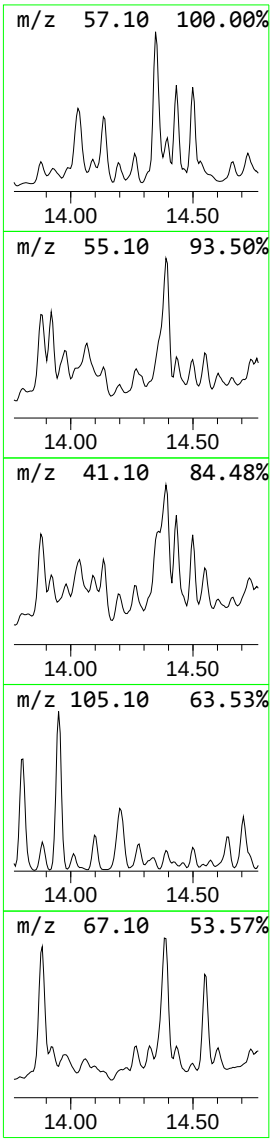
****

Peak Number 54 1-Eicosanol Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.267	20.84 ug/L	4323030	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosanol	298	C20H42O	000629-96-9	52
2	8-Oxabicyclo[5.1.0]octane	112	C7H12O	000286-45-3	41
3	1-Hentetracontanol	593	C41H84O	040710-42-7	38
4	3-Octyne, 6-methyl-	124	C9H16	062108-34-3	38
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

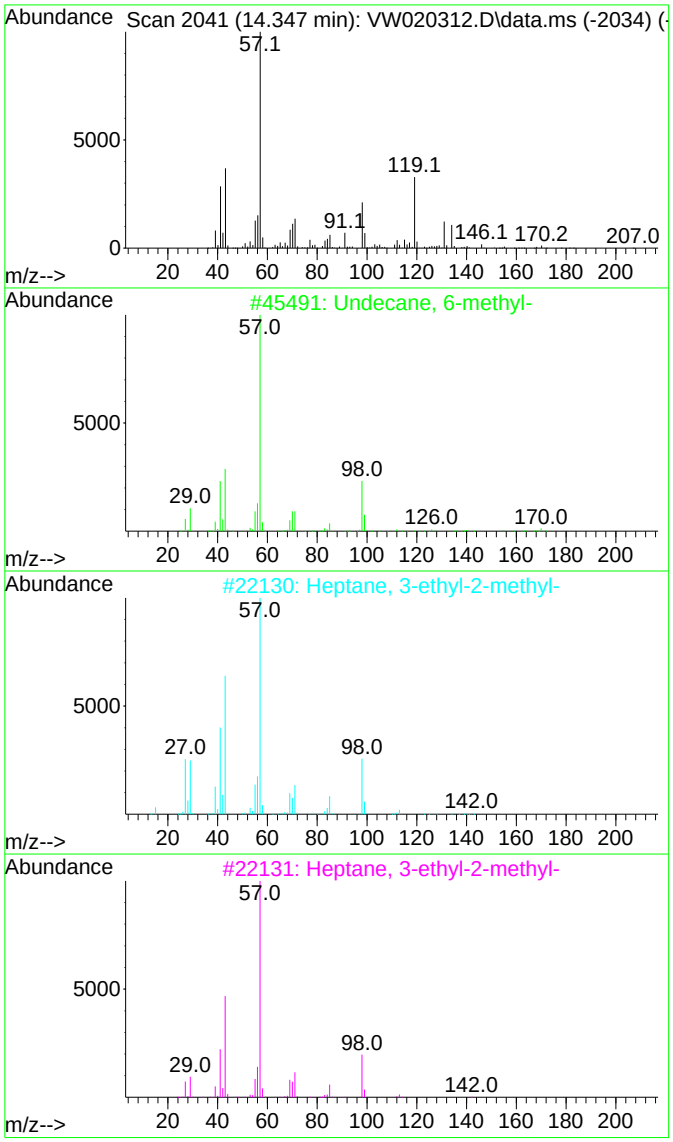
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

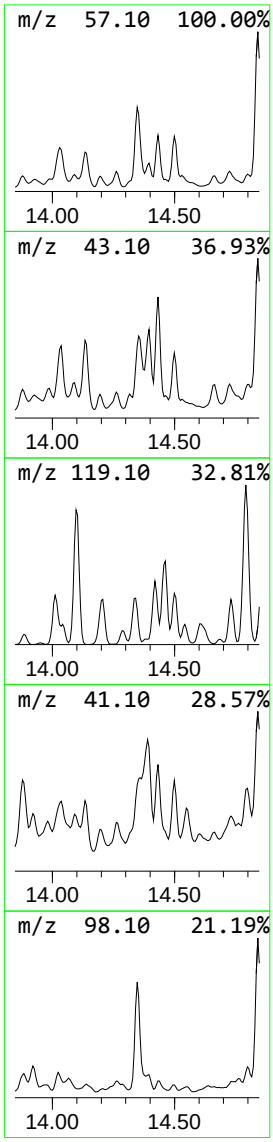
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.347	77.49 ug/L	16071600	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-methyl-	170	C12H26	017302-33-9	50
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	38
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	35
4	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	35
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

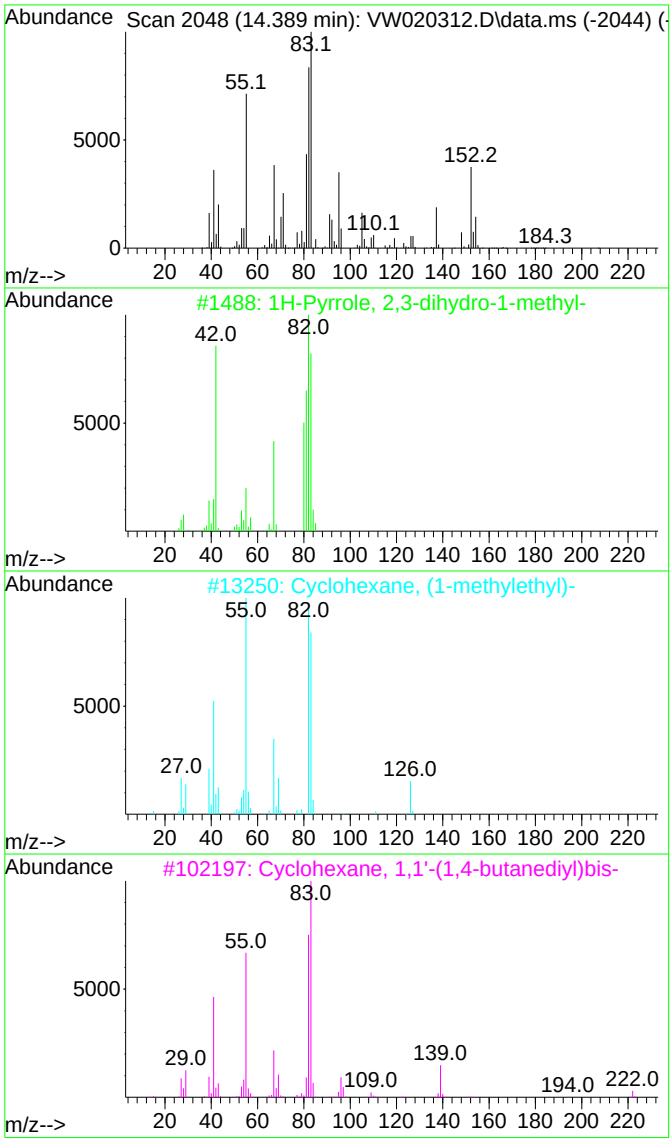
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

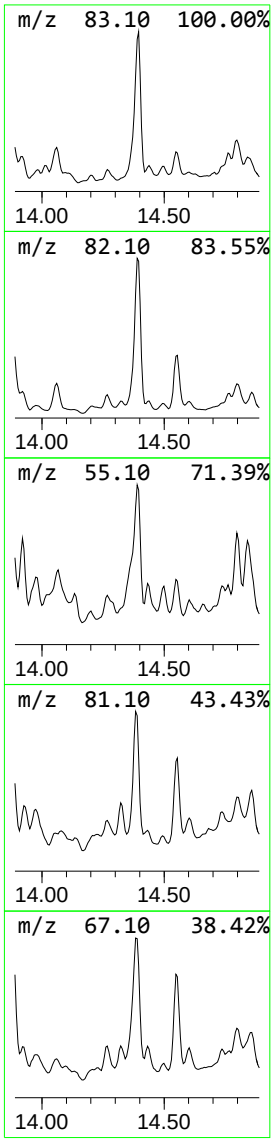
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 1H-Pyrrole, 2,3-dihydro-1-m... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.389	64.96 ug/L	13473900	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrole, 2,3-dihydro-1-methyl-	83	C5H9N	033838-11-8	52
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
3	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	50
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

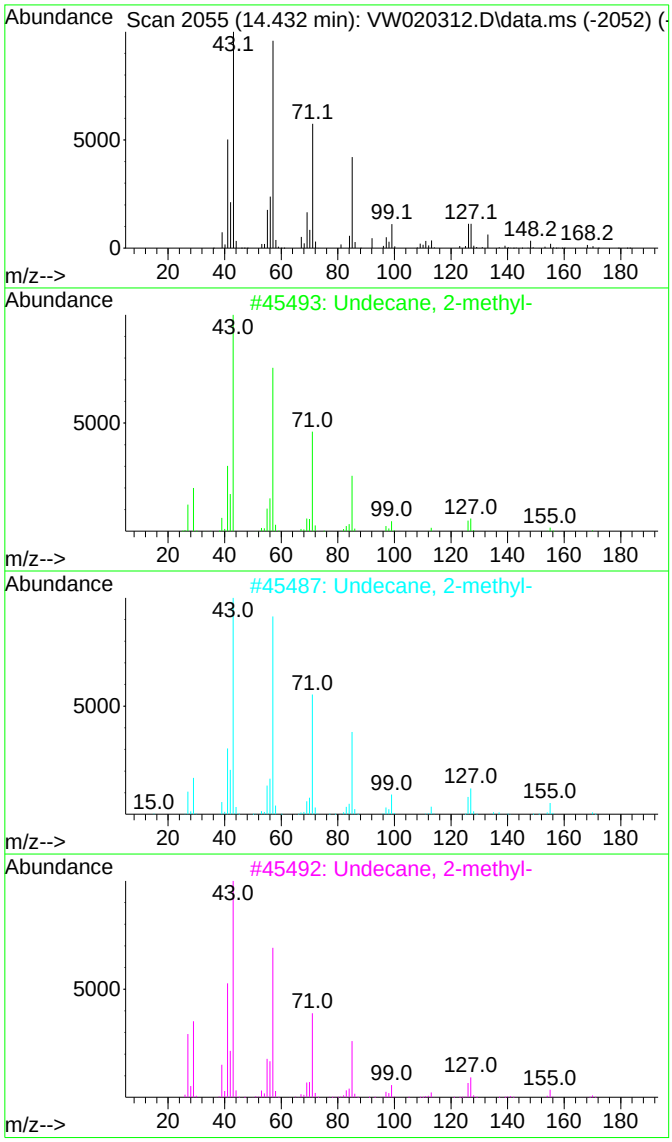
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

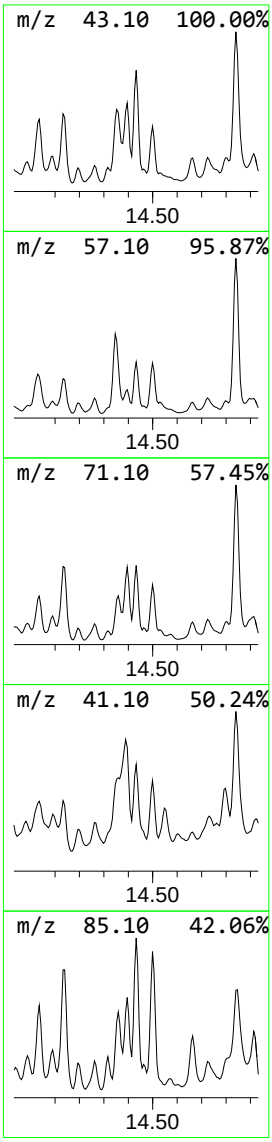
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.432	24.85 ug/L	5154780	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	94
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	91
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	70
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

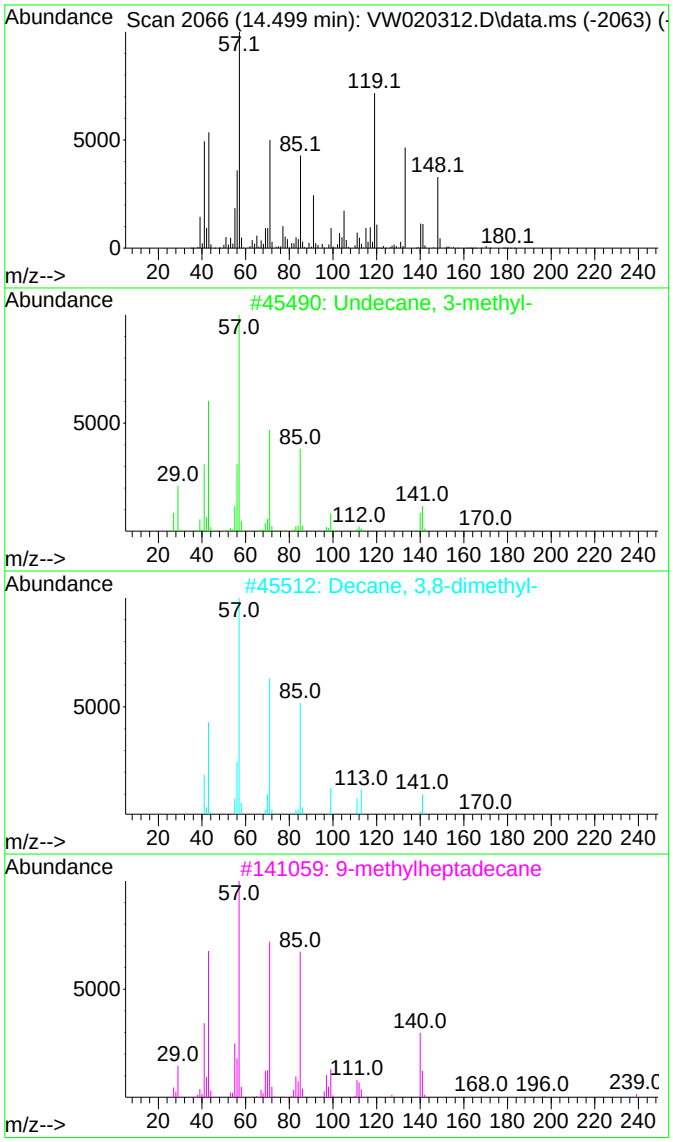
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

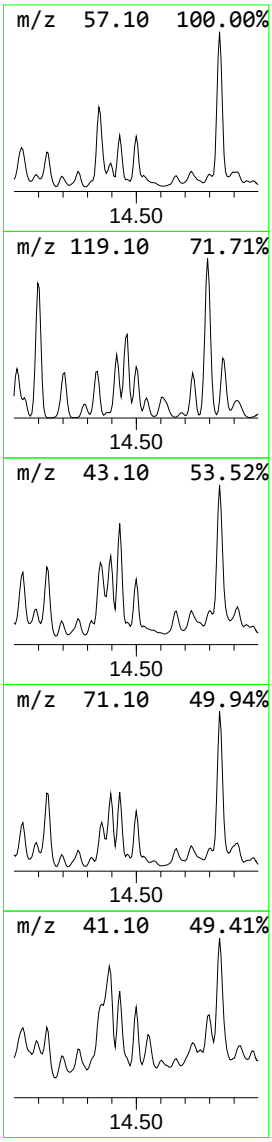
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	43.60 ug/L	9043880	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	46
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	46
3	9-methylheptadecane	254	C18H38	026741-18-4	30
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	27
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

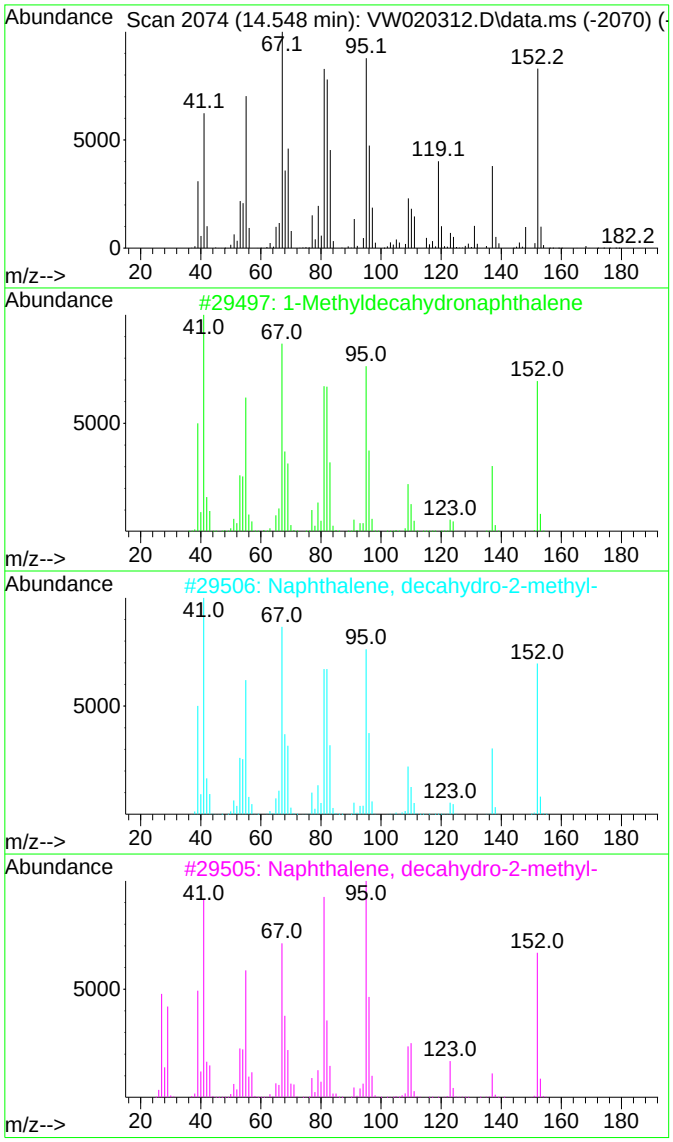
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

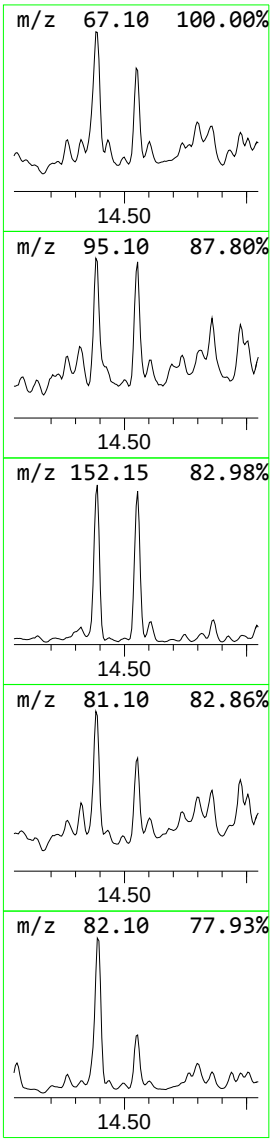
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 1-Methyldecahydronaphthalene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.548	41.21 ug/L	8547750	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	98
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	78
5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

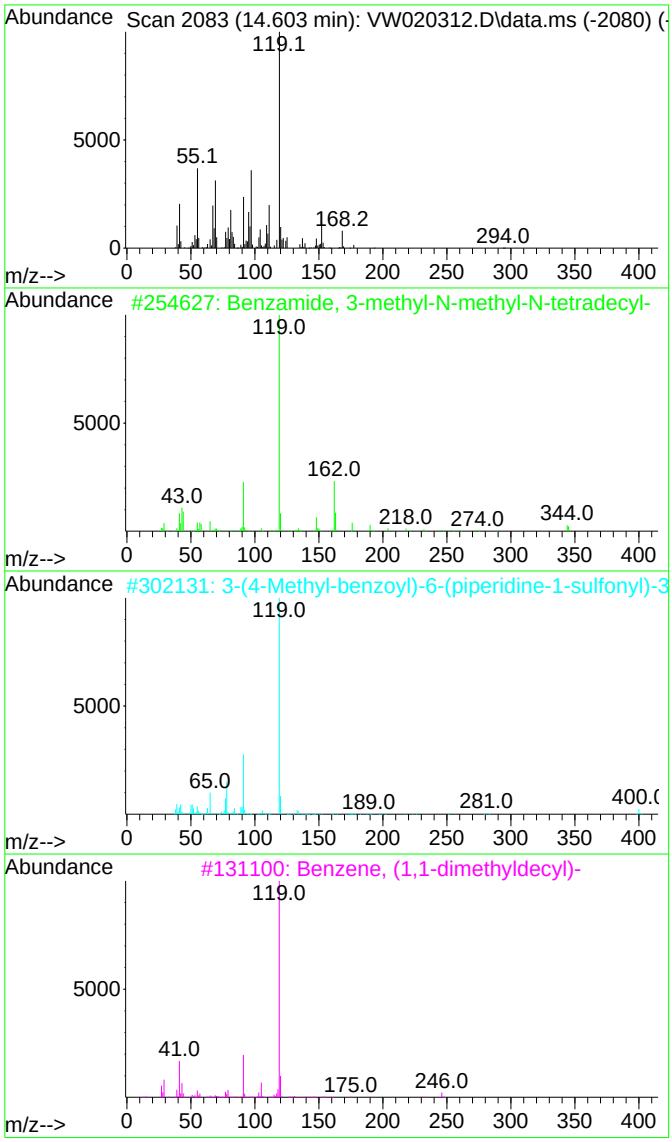
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

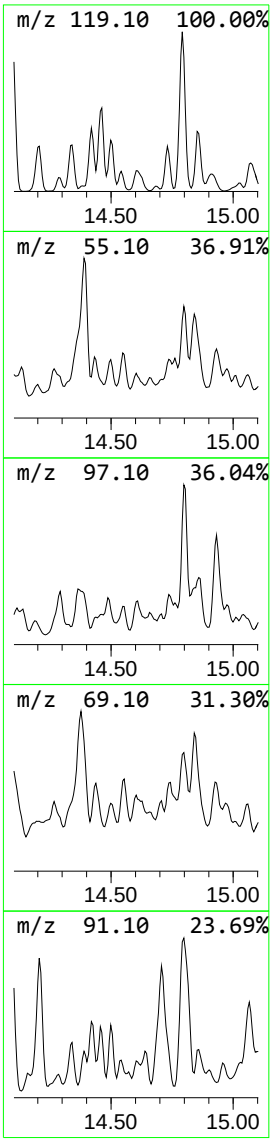
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 unknown-01 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.603	9.12 ug/L	1891810	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 3-methyl-N-methyl-N-t...	345	C23H39NO	1000420-28-0	35
2	3-(4-Methyl-benzoyl)-6-(piperidi...	400	C20H20N2O5S	1000275-03-6	35
3	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	35
4	3-Methylbenzoic acid, 3-fluoroph...	230	C14H11FO2	1000331-26-2	35
5	4-Methylbenzoic acid, 2,5-dichlo...	280	C14H10Cl2O2	1000325-60-2	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

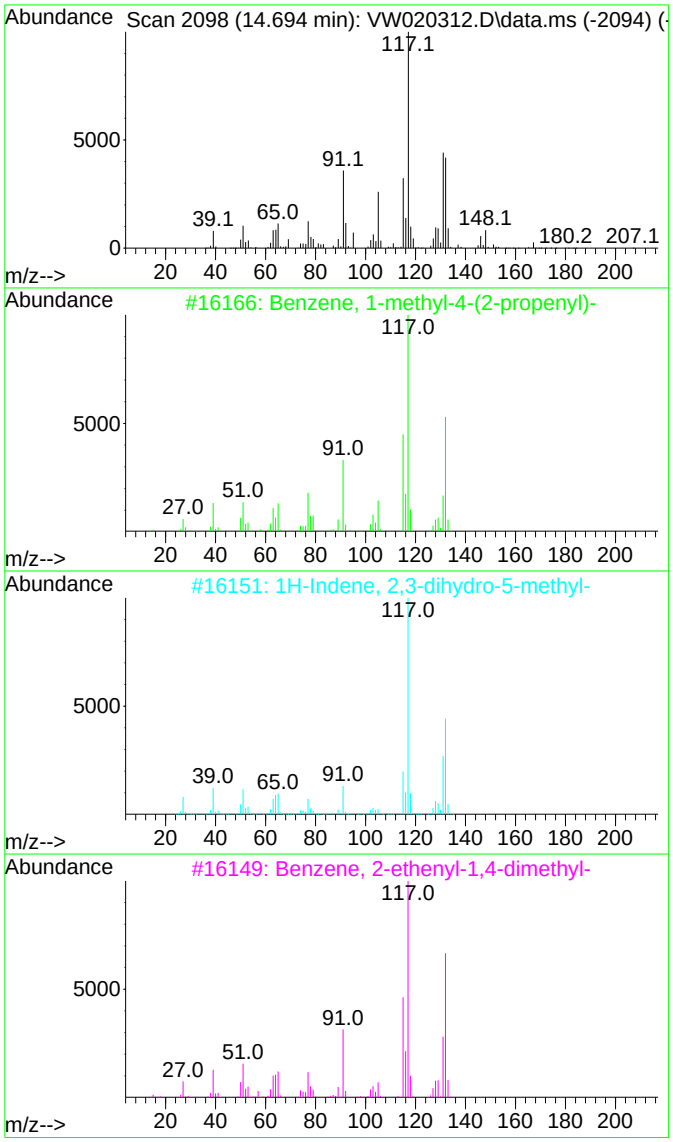
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

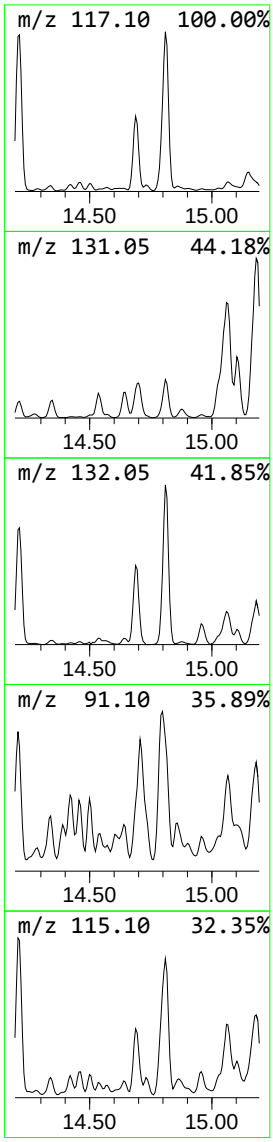
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 Benzene, 1-methyl-4-(2-prop... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.694	31.96 ug/L	6628480	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	93
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
5	3a,6-Methano-3aH-indene, 2,3,6,7...	132	C10H12	098640-29-0	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

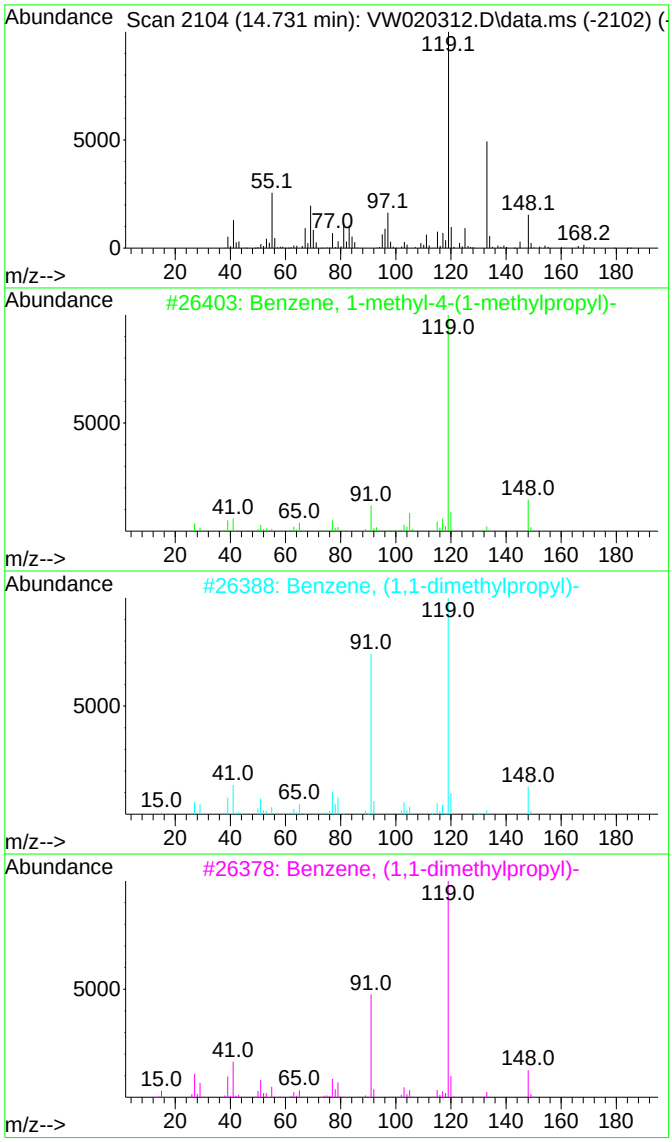
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

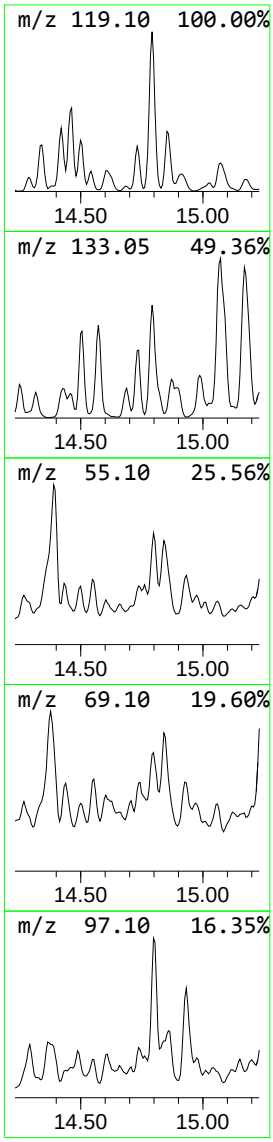
****

Peak Number 62 unknown-02 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.731	23.96 ug/L	4969400	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	49
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	49
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	47
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	47
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	47





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Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

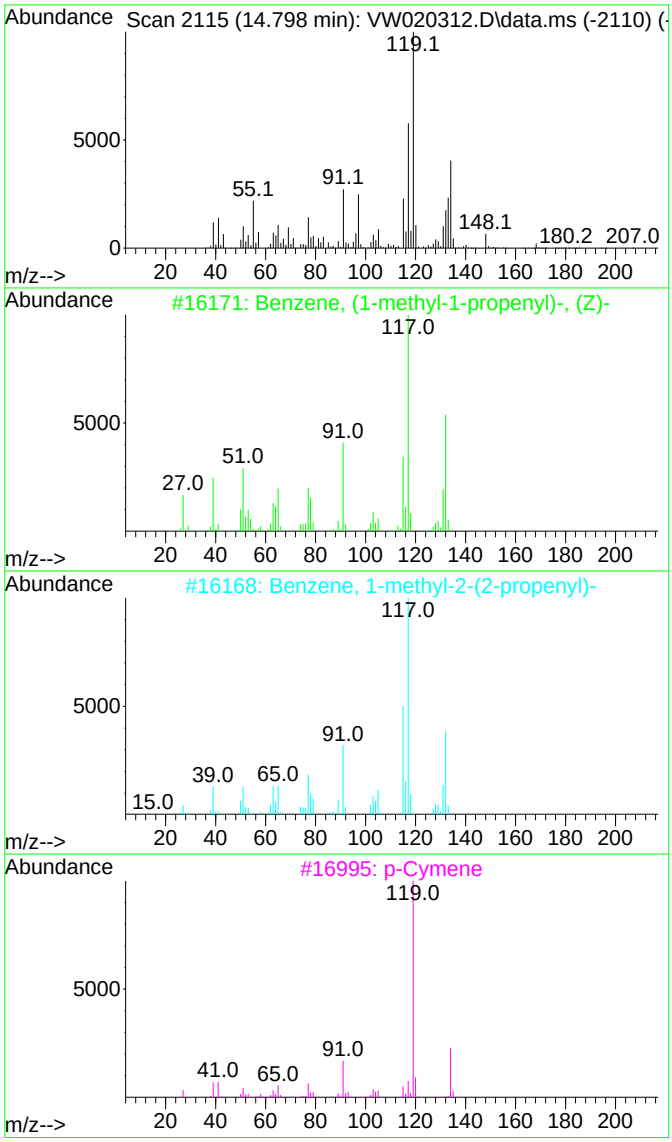
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

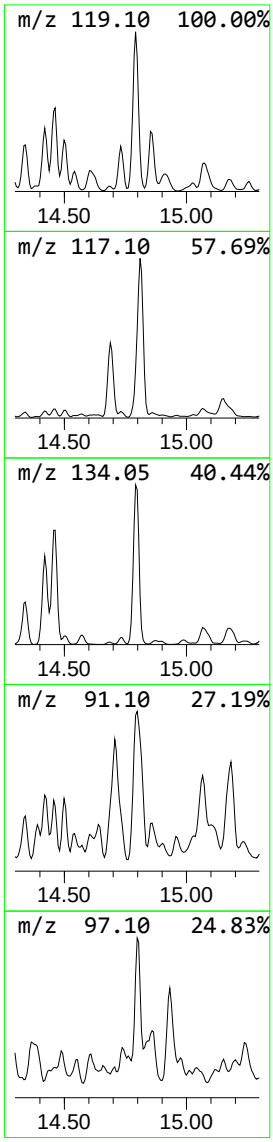
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 Benzene, (1-methyl-1-propen... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.798	155.91 ug/L	32338900	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	62
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	60
3	p-Cymene	134	C10H14	000099-87-6	55
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	55
5	o-Cymene	134	C10H14	000527-84-4	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

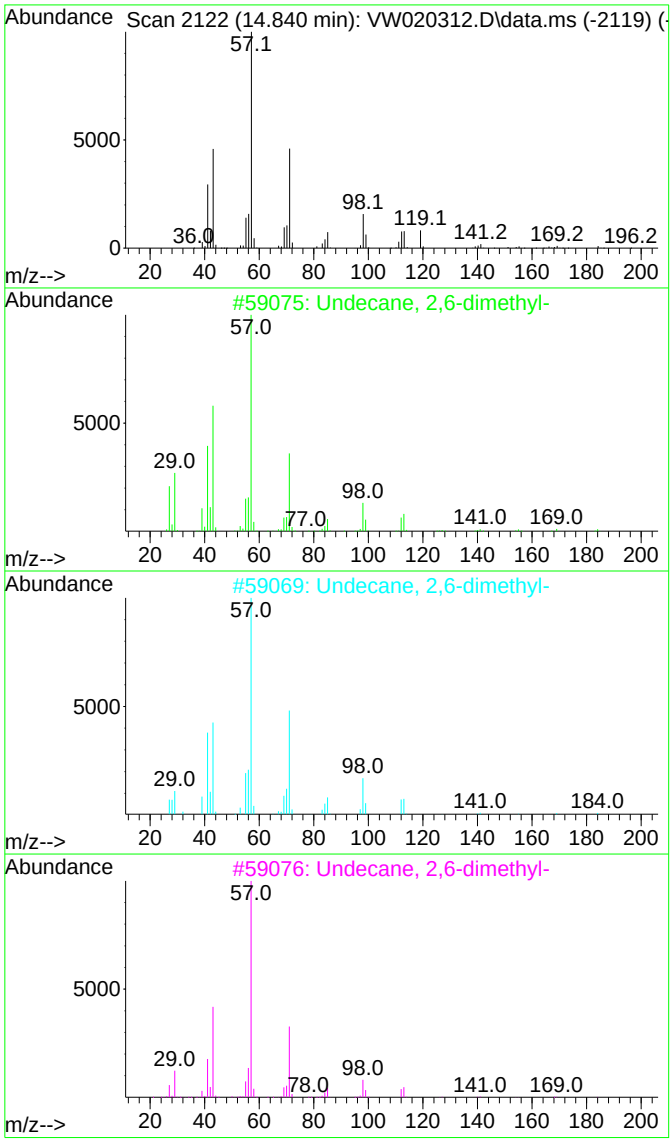
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

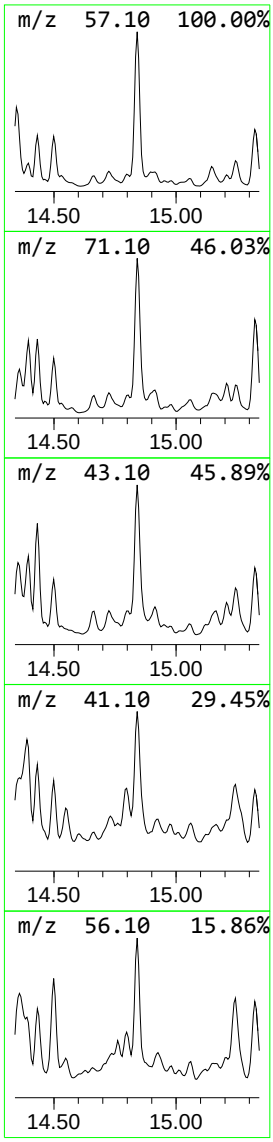
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.840	118.94 ug/L	24669900	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	70





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Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

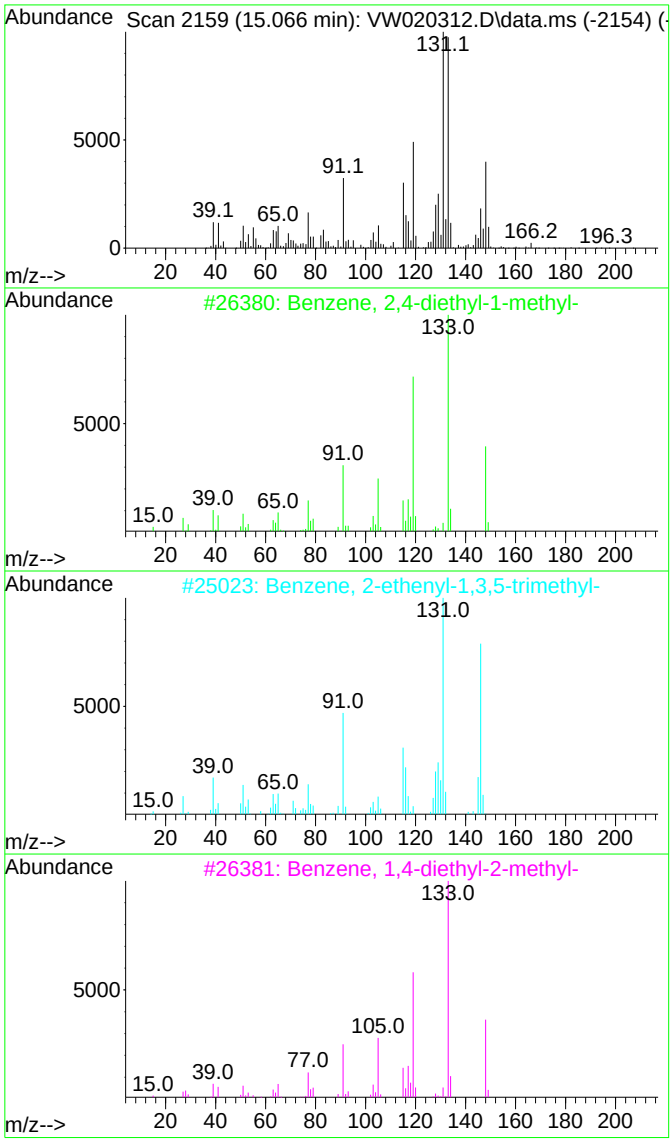
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

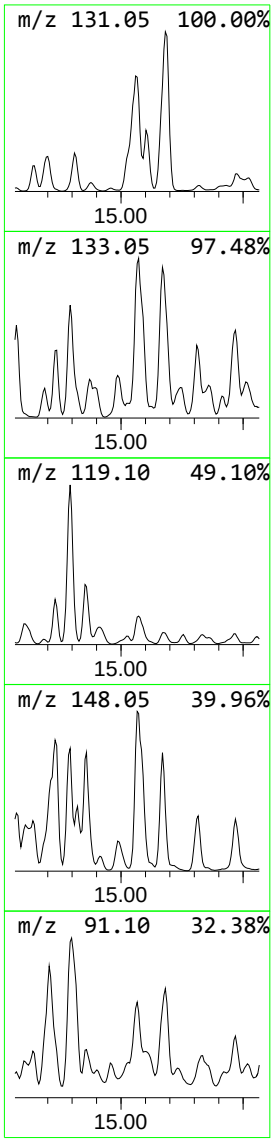
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 unknown-03 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.066	50.03 ug/L	10376200	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	49
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	46
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	46
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	42
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	38





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Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

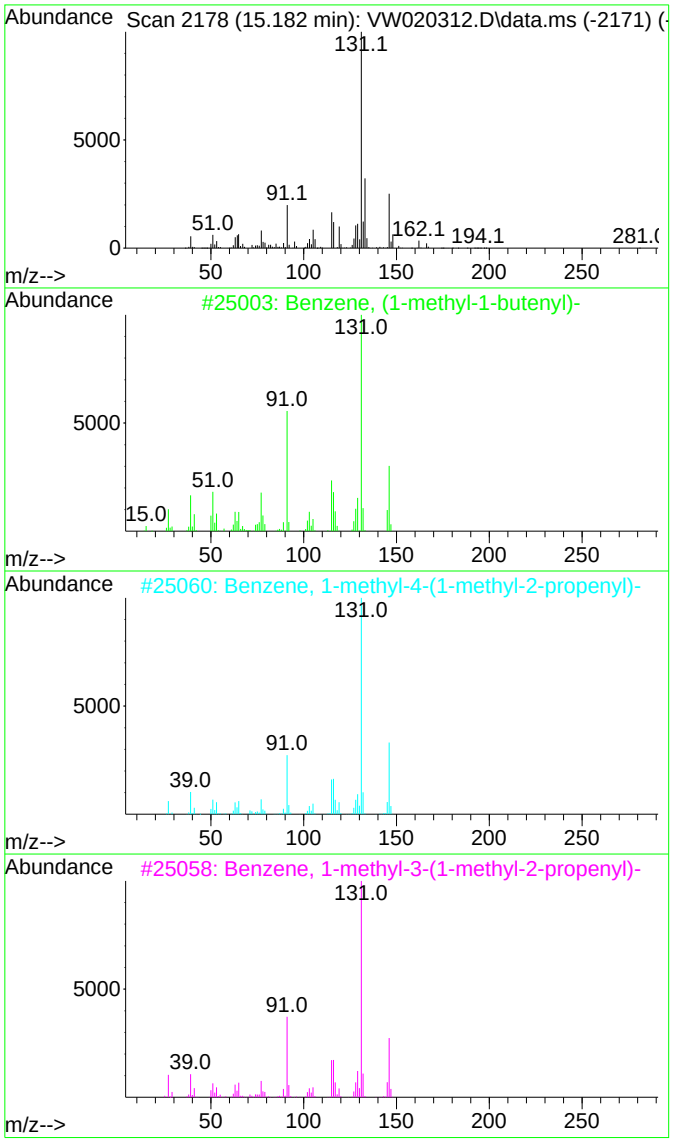
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

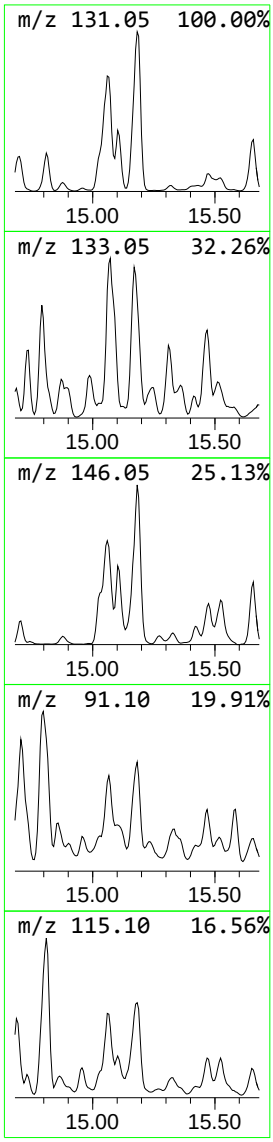
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 Benzene, (1-methyl-1-butenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.182	85.95 ug/L	17827700	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	81
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	81
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	76
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76





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Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

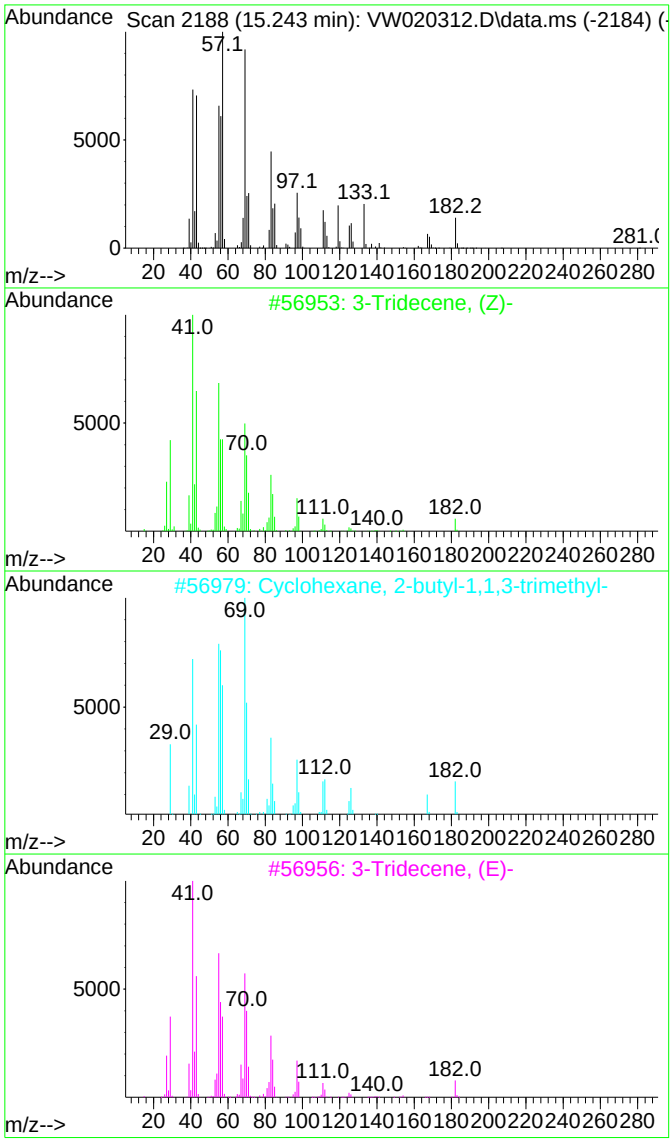
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

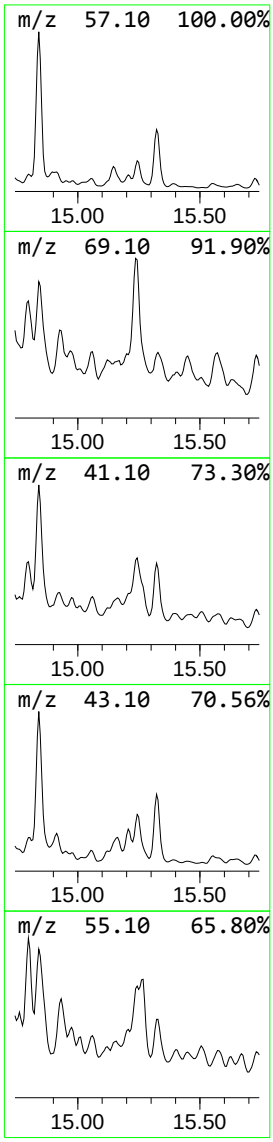
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.243	70.13 ug/L	14545100	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Tridecene, (Z)-	182	C13H26	041446-53-1	64
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	62
3	3-Tridecene, (E)-	182	C13H26	041446-57-5	58
4	Cyclododecane	168	C12H24	000294-62-2	51
5	Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

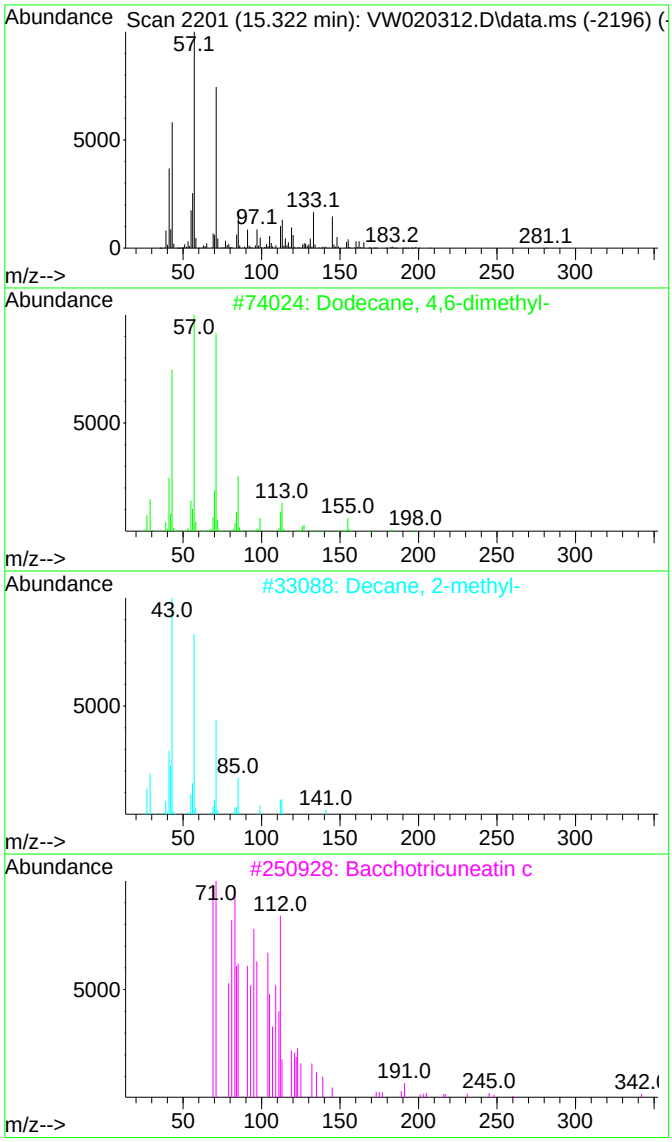
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

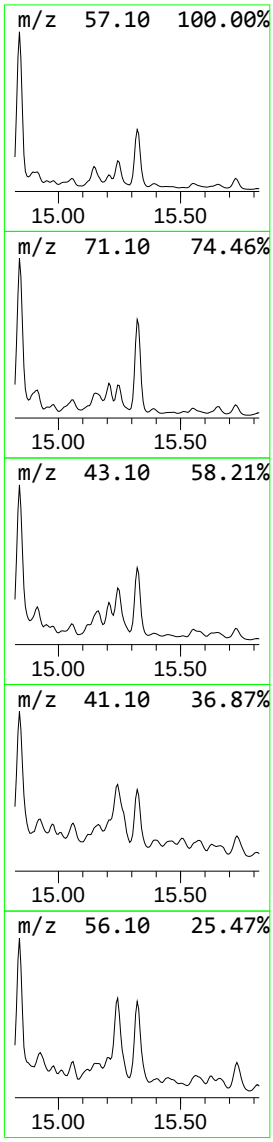
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	62.08 ug/L	12876400	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	86
2	Decane, 2-methyl-	156	C11H24	006975-98-0	64
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

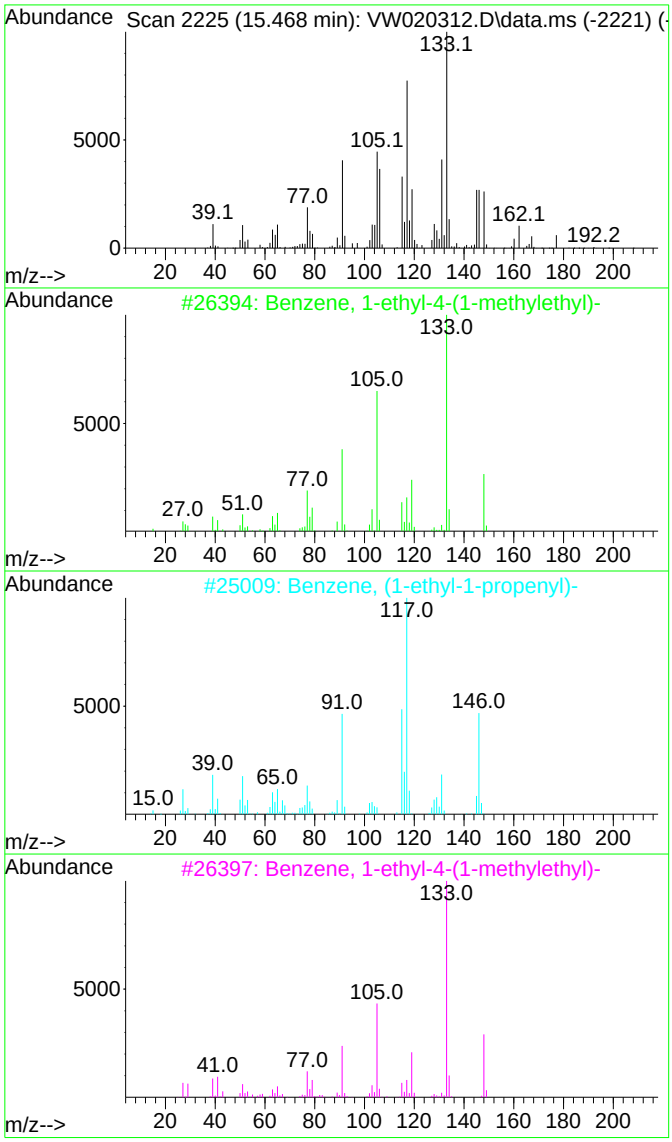
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

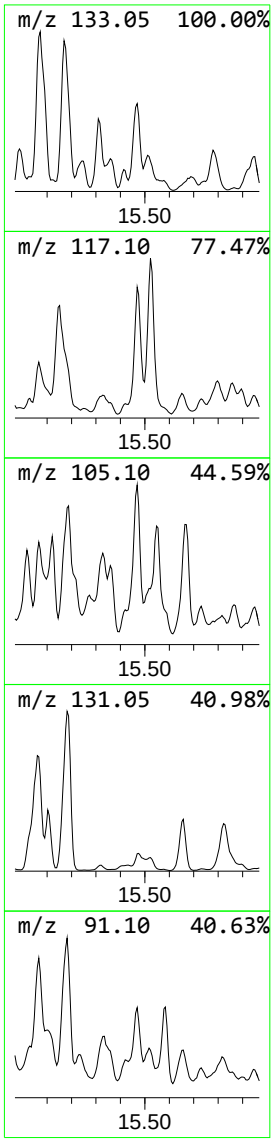
****

Peak Number 69 unknown-04 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.468	17.62 ug/L	3654970	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	38
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	38
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	38
5	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	30





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Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

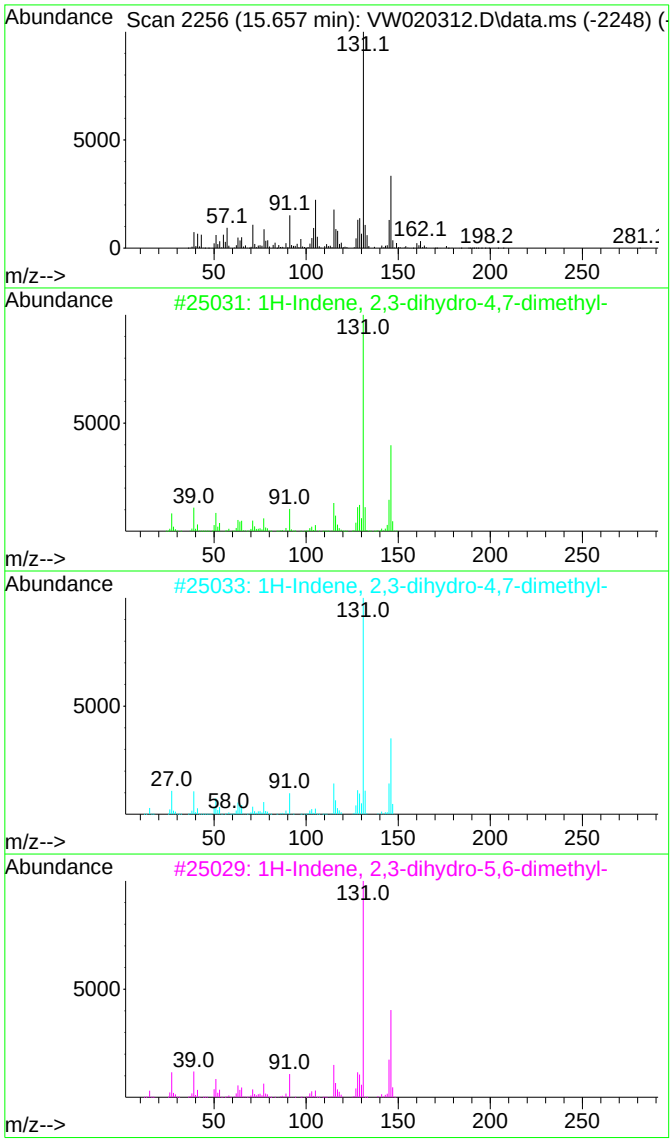
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

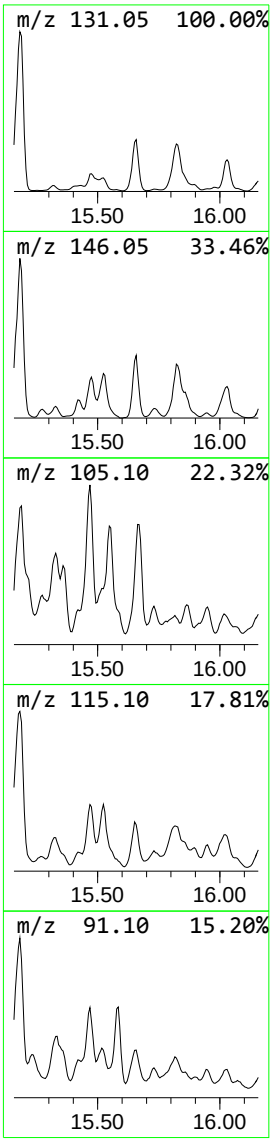
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.657	35.08 ug/L	7275470	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

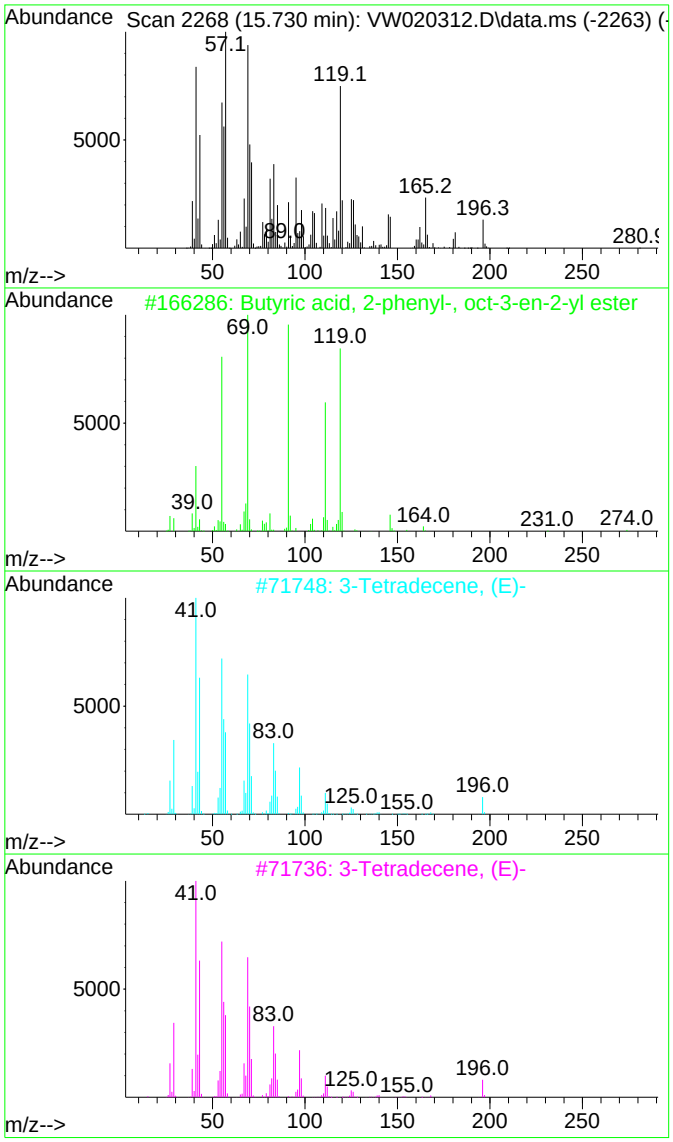
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

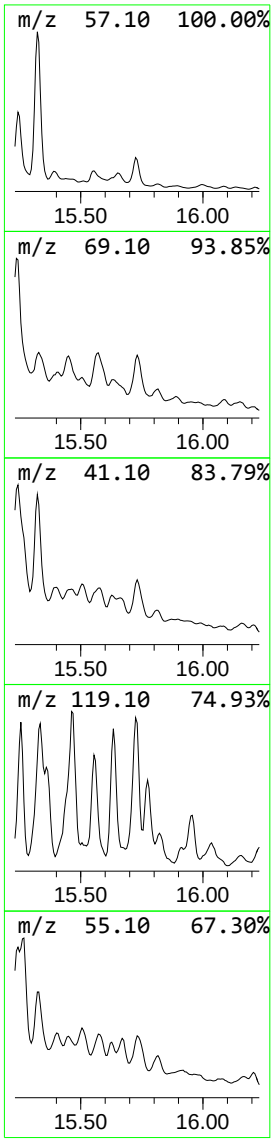
****

Peak Number 71 unknown-05 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.730	23.54 ug/L	4881500	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyric acid, 2-phenyl-, oct-3-e...	274	C18H26O2	1000406-91-7	43
2	3-Tetradecene, (E)-	196	C14H28	041446-68-8	35
3	3-Tetradecene, (E)-	196	C14H28	041446-68-8	35
4	Cyclopentane, 1-butyl-2-pentyl-	196	C14H28	061142-52-7	25
5	6-Tetradecene, (E)-	196	C14H28	041446-64-4	20





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Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

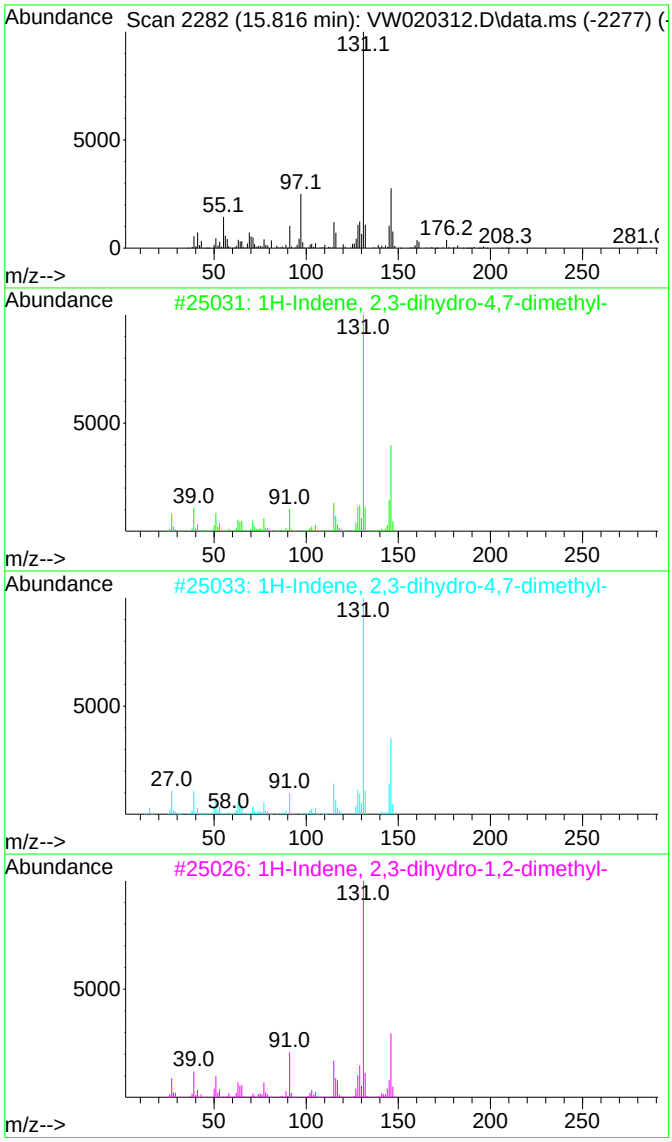
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

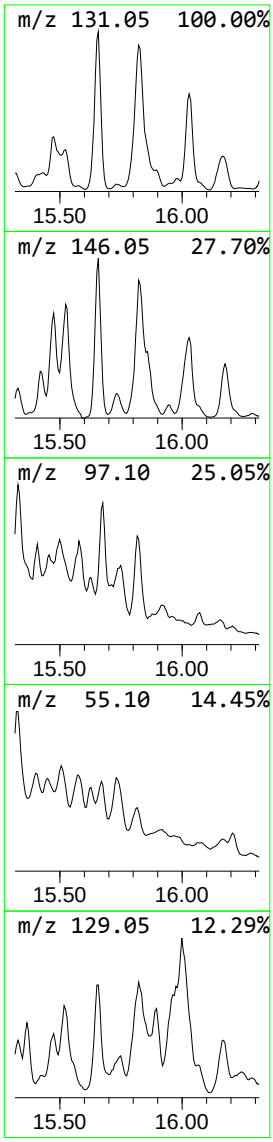
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.816	14.53 ug/L	3013480	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

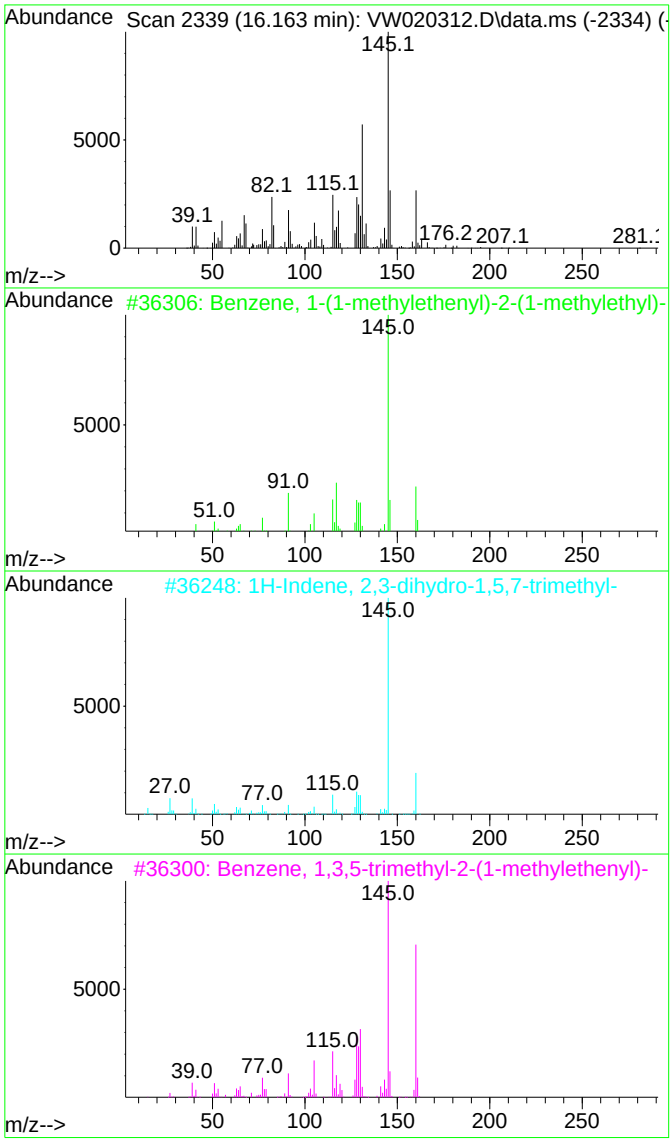
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

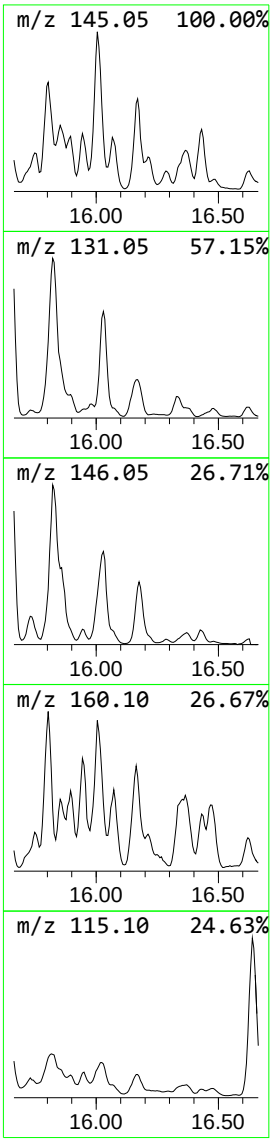
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 73 Benzene, 1-(1-methylethenyl... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.163	11.07 ug/L	2295690	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	68
2	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	64
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	58
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6

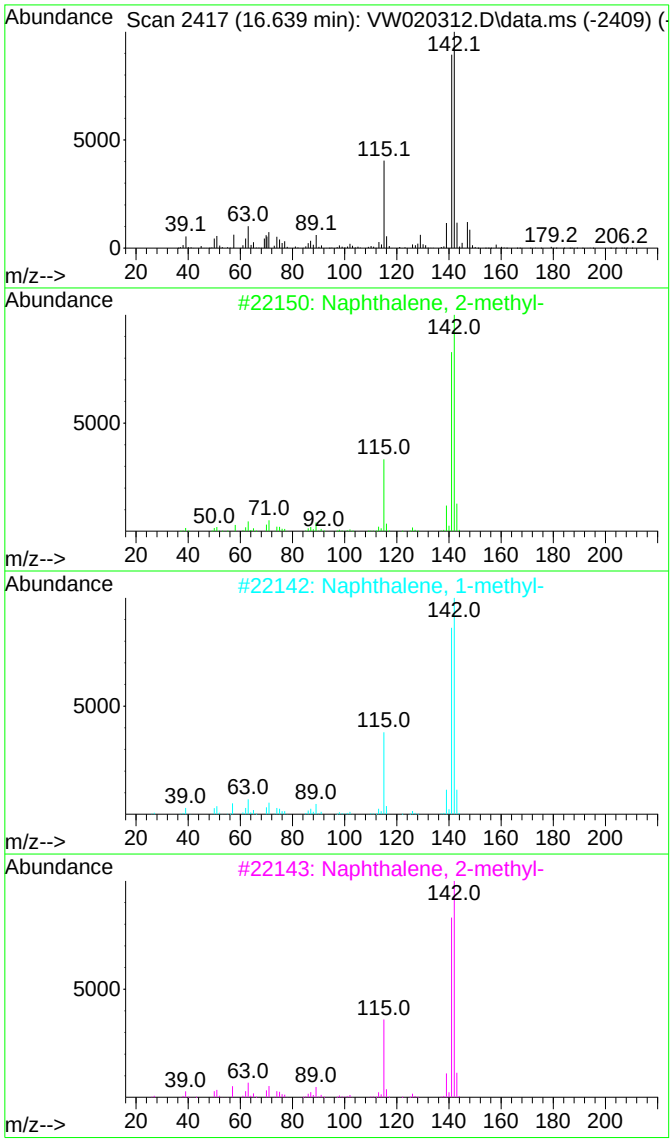
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

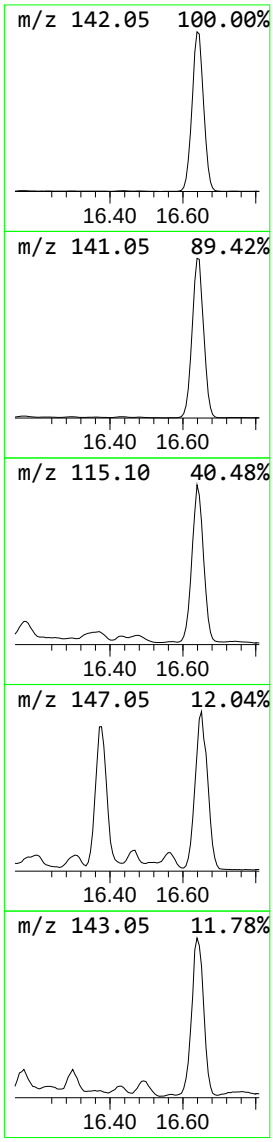
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 74 Naphthalene, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	54.61 ug/L	11326200	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020312.D
Acq On : 06 Oct 2021 13:11
Operator : SY/VA
Sample : M3973-22
Misc : 8.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW8Y6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	5.946	13.1	ug/L	550342	1	8.841	1054080	25.0
(DEL) Alkane: C...	6.988	17.4	ug/L	735687	1	8.841	1054080	25.0
(DEL) Alkane: S...	8.037	10.3	ug/L	435498	1	8.841	1054080	25.0
(DEL) Alkane: S...	8.159	25.5	ug/L	1073860	1	8.841	1054080	25.0
(DEL) Alkane: C...	8.439	23.8	ug/L	1001730	1	8.841	1054080	25.0
(DEL) Alkane: C...	8.512	13.6	ug/L	575061	1	8.841	1054080	25.0
(DEL) Alkane: C...	8.579	32.4	ug/L	1364440	1	8.841	1054080	25.0
(DEL) Alkane: S...	8.695	47.2	ug/L	1989320	1	8.841	1054080	25.0
(DEL) Alkane: C...	9.518	21.0	ug/L	886852	1	8.841	1054080	25.0
(DEL) Alkane: C...	9.610	24.9	ug/L	1050770	1	8.841	1054080	25.0
(DEL) Alkane: C...	9.756	38.4	ug/L	1617930	1	8.841	1054080	25.0
(DEL) Alkane: S...	9.902	12.5	ug/L	526168	1	8.841	1054080	25.0
(DEL) Alkane: S...	9.957	78.3	ug/L	3300790	1	8.841	1054080	25.0
(DEL) Alkane: S...	10.097	61.0	ug/L	2571480	1	8.841	1054080	25.0
Cyclohexene, 1-...	10.207	24.3	ug/L	1024580	1	8.841	1054080	25.0
(DEL) Alkane: C...	10.445	12.3	ug/L	508744	2	11.634	1036120	25.0
(DEL) Alkane: S...	10.506	134.8	ug/L	5586670	2	11.634	1036120	25.0
(DEL) Alkane: C...	10.670	56.4	ug/L	2338550	2	11.634	1036120	25.0
(DEL) Alkane: C...	10.756	57.1	ug/L	2368570	2	11.634	1036120	25.0
(DEL) Alkane: S...	10.847	16.4	ug/L	678581	2	11.634	1036120	25.0
(DEL) Alkane: S...	11.042	55.6	ug/L	2305010	2	11.634	1036120	25.0
(DEL) Alkane: C...	11.109	24.3	ug/L	1008540	2	11.634	1036120	25.0
(DEL) Alkane: C...	11.146	10.4	ug/L	430996	2	11.634	1036120	25.0
(DEL) Alkane: C...	11.182	73.8	ug/L	3058460	2	11.634	1036120	25.0
(DEL) Alkane: C...	11.231	97.6	ug/L	4045170	2	11.634	1036120	25.0
(DEL) Alkane: C...	11.286	13.8	ug/L	572274	2	11.634	1036120	25.0
1-Fluorononane	11.335	47.8	ug/L	1980880	2	11.634	1036120	25.0
(DEL) Alkane: S...	11.414	148.4	ug/L	6149460	2	11.634	1036120	25.0
(DEL) Alkane: S...	11.512	96.5	ug/L	4000420	2	11.634	1036120	25.0
(DEL) Alkane: C...	11.920	64.0	ug/L	2651380	2	11.634	1036120	25.0
(DEL) Alkane: C...	11.975	20.0	ug/L	830398	2	11.634	1036120	25.0
(DEL) Alkane: S...	12.060	23.9	ug/L	988741	2	11.634	1036120	25.0
(DEL) Alkane: S...	12.256	188.7	ug/L	7819960	2	11.634	1036120	25.0
(DEL) Alkane: S...	12.365	428.1	ug/L	17744500	2	11.634	1036120	25.0
(DEL) Alkane: S...	12.542	173.8	ug/L	7201860	2	11.634	1036120	25.0
(DEL) Alkane: S...	12.573	90.5	ug/L	3751110	2	11.634	1036120	25.0
Carbonic acid, ...	12.621	4.5	ug/L	944096	3	13.560	5185340	25.0
(DEL) Alkane: S...	12.786	33.3	ug/L	6913720	3	13.560	5185340	25.0
(DEL) Alkane: C...	12.859	15.6	ug/L	3236120	3	13.560	5185340	25.0
Benzene, 1-ethy...	13.103	88.4	ug/L	18329900	3	13.560	5185340	25.0
(DEL) Alkane: S...	13.170	62.9	ug/L	13043600	3	13.560	5185340	25.0
1-Iodo-2-methyl...	13.347	19.3	ug/L	3991820	3	13.560	5185340	25.0
(DEL) Alkane: C...	13.450	62.1	ug/L	12878200	3	13.560	5185340	25.0
(DEL) Alkane: S...	13.487	32.4	ug/L	6718380	3	13.560	5185340	25.0
(DEL) Alkane: S...	13.627	30.3	ug/L	6277620	3	13.560	5185340	25.0
Benzene, 1,3-di...	13.719	39.5	ug/L	8188380	3	13.560	5185340	25.0
Indane	13.755	24.8	ug/L	5142720	3	13.560	5185340	25.0
Benzene, 1-meth...	13.798	28.5	ug/L	5912420	3	13.560	5185340	25.0
Oxalic acid, cy...	13.920	9.7	ug/L	2001320	3	13.560	5185340	25.0
o-Cymene	14.017	20.4	ug/L	4239010	3	13.560	5185340	25.0
Benzene, 2-ethy...	14.097	45.7	ug/L	9486380	3	13.560	5185340	25.0
(DEL) Alkane: S...	14.133	27.5	ug/L	5703120	3	13.560	5185340	25.0

3-Phenylbut-1-ene	14.206	80.2	ug/L	16629300	3	13.560	5185340	25.0
1-Eicosanol	14.267	20.8	ug/L	4323030	3	13.560	5185340	25.0
(DEL) Alkane: S...	14.347	77.5	ug/L	16071600	3	13.560	5185340	25.0
1H-Pyrrole, 2,3...	14.389	65.0	ug/L	13473900	3	13.560	5185340	25.0
(DEL) Alkane: S...	14.432	24.9	ug/L	5154780	3	13.560	5185340	25.0
(DEL) Alkane: S...	14.499	43.6	ug/L	9043880	3	13.560	5185340	25.0
1-Methyldecahyd...	14.548	41.2	ug/L	8547750	3	13.560	5185340	25.0
unknown-01	14.603	9.1	ug/L	1891810	3	13.560	5185340	25.0
Benzene, 1-meth...	14.694	32.0	ug/L	6628480	3	13.560	5185340	25.0
unknown-02	14.731	24.0	ug/L	4969400	3	13.560	5185340	25.0
Benzene, (1-met...	14.798	155.9	ug/L	32338900	3	13.560	5185340	25.0
(DEL) Alkane: S...	14.840	118.9	ug/L	24669900	3	13.560	5185340	25.0
unknown-03	15.066	50.0	ug/L	10376200	3	13.560	5185340	25.0
Benzene, (1-met...	15.182	86.0	ug/L	17827700	3	13.560	5185340	25.0
(DEL) Alkane: S...	15.243	70.1	ug/L	14545100	3	13.560	5185340	25.0
(DEL) Alkane: S...	15.322	62.1	ug/L	12876400	3	13.560	5185340	25.0
unknown-04	15.468	17.6	ug/L	3654970	3	13.560	5185340	25.0
1H-Indene, 2,3-...	15.657	35.1	ug/L	7275470	3	13.560	5185340	25.0
unknown-05	15.730	23.5	ug/L	4881500	3	13.560	5185340	25.0
1H-Indene, 2,3-...	15.816	14.5	ug/L	3013480	3	13.560	5185340	25.0
Benzene, 1-(1-m...	16.163	11.1	ug/L	2295690	3	13.560	5185340	25.0
Naphthalene, 2-...	16.639	54.6	ug/L	11326200	3	13.560	5185340	25.0

Instrument :
MSVOA_W
ClientSampleId :
EW8Y6