LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

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\SFAMWLM100924SMA.M
Title : SFAM01.0

Signal : TIC: VW030553.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	68	78	90	rBV	101464	219102	0.55%	0.205%
2	2.899	158	166	178	rBV	63849	183103	0.46%	0.172%
3	4.021	337	350	360	rBV	154092	425573	1.08%	0.399%
4	4.118	360	366	376	rVB	34204	93063	0.24%	0.087%
5	5.941	655	665	675	rBV5	13038	40649	0.10%	0.038%
6	6.990	824	837	844	rBV2	29248	89716	0.23%	0.084%
7	7.075	844	851	863	rVV2	28633	89962	0.23%	0.084%
8	7.654	935	946	962	rBV	212289	542482	1.37%	0.509%
9	7.959	984	996	1003	rBV3	37099	112785	0.29%	0.106%
10	8.032	1003	1008	1018	rVB5	16661	45807	0.12%	0.043%
11	8.325	1035	1056	1068	rBV2	2672219	6831156	17.29%	6.407%
12	8.453	1068	1077	1082	rVV5	30656	92375	0.23%	0.087%
13	8.575	1091	1097	1107	rVB3	36008	87245	0.22%	0.082%
14	8.697	1107	1117	1130	rVB	53304	114328	0.29%	0.107%
15	8.843	1130	1141	1159	rBV	405234	875788	2.22%	0.821%
16	9.117	1181	1186	1195	rVB2	24144	52733	0.13%	0.049%
17	9.276	1203	1212	1217	rBV	272035	586092	1.48%	0.550%
18	9.337	1217	1222	1239	rVB	230811	487887	1.23%	0.458%
19	9.520	1239	1252	1258	rBV	44821	95107	0.24%	0.089%
20	9.678	1271	1278	1280	rBV2	23957	41472	0.10%	0.039%
21	9.709	1280	1283	1287	rVV4	25823	50428	0.13%	0.047%
22	9.758	1287	1291	1299	rVB2	38839	76933	0.19%	0.072%
23	9.849	1299	1306	1311	rBV	97192	178957	0.45%	0.168%
24	9.910	1311	1316	1319	rVV	41148	82525	0.21%	0.077%
25	9.953	1319	1323	1329	rVV2	42560	83903	0.21%	0.079%
26	10.032	1329	1336	1342	rVV	134487	261234	0.66%	0.245%
27	10.203	1357	1364	1375	rVB	96123	188117	0.48%	0.176%
28	10.325	1375	1384	1399	rBV	561830	1125489	2.85%	1.056%
29	10.507	1406	1414	1420	rVV4	80242	175803	0.44%	0.165%
30	10.575	1420	1425	1435	rVB2	87544	177279	0.45%	0.166%
31	10.666	1435	1440	1447	rBV2	37551	71248	0.18%	0.067%
32	10.739	1447	1452	1463	rVB4	67893	160505	0.41%	0.151%
33	10.837	1463	1468	1474	rVB6	18641	39843	0.10%	0.037%
34	10.922	1474	1482	1490	rBV2	132915	266232	0.67%	0.250%
35	11.020	1491	1498	1501	rBV2	30828	59811	0.15%	0.056%
36	11.099	1507	1511	1514	rVV2	27467	46857	0.12%	0.044%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
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Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

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\SFAMWLM100924SMA.M
Title : SFAM01.0

37	11.135	1514	1517	1521	rVV	48684	72716	0.18%	0.068%
38	11.178	1521	1524	1528	rVB2	38257	50595	0.13%	0.047%
39	11.227	1528	1532	1538	rVB	76610	124405	0.31%	0.117%
40	11.288	1538	1542	1546	rBV2	23725	40161	0.10%	0.038%
41	11.337	1546	1550	1555	rVB	49208	77762	0.20%	0.073%
42	11.434	1557	1566	1570	rBV6	31433	84996	0.22%	0.080%
43	11.550	1581	1585	1591	rVB2	38168	70297	0.18%	0.066%
44	11.629	1591	1598	1609	rBV	488093	902141	2.28%	0.846%
45	11.727	1609	1614	1622	rVB	326265	520009	1.32%	0.488%
46	11.843	1622	1633	1642	rBV2	118664	328869	0.83%	0.308%
47	11.971	1649	1654	1658	rBV4	18445	37638	0.10%	0.035%
48	12.166	1674	1686	1692	rBV	221084	517014	1.31%	0.485%
49	12.245	1692	1699	1704	rVB	97859	186492	0.47%	0.175%
50	12.361	1704	1718	1725	rBV5	145681	487487	1.23%	0.457%
51	12.458	1728	1734	1740	rBV	1045226	1695764	4.29%	1.590%
52	12.690	1767	1772	1778	rVB	172923	281140	0.71%	0.264%
53	12.800	1782	1790	1795	rVB	337235	583913	1.48%	0.548%
54	12.861	1795	1800	1803	rBV4	61683	104096	0.26%	0.098%
55	12.903	1803	1807	1808	rBV	50264	70891	0.18%	0.066%
56	12.940	1808	1813	1818	rVB	226258	392705	0.99%	0.368%
57	12.989	1818	1821	1825	rVB3	48973	72527	0.18%	0.068%
58	13.098	1831	1839	1846	rBV	471989	926153	2.34%	0.869%
59	13.159	1846	1849	1852	rBV3	56881	83952	0.21%	0.079%
60	13.245	1857	1863	1868	rBV	939856	1426213	3.61%	1.338%
61	13.287	1868	1870	1875	rVB3	57361	85701	0.22%	0.080%
62	13.342	1875	1879	1880	rBV2	45372	53265	0.13%	0.050%
63	13.403	1886	1889	1891	rBV	38677	49395	0.13%	0.046%
64	13.440	1892	1895	1899	rVB4	128217	189665	0.48%	0.178%
65	13.483	1899	1902	1909	rVB5	58249	108925	0.28%	0.102%
66	13.580	1909	1918	1932	rVB2	1192828	2621767	6.64%	2.459%
67	13.714	1933	1940	1942	rBV	1515050	2308427	5.84%	2.165%
68	13.757	1942	1947	1958	rVB	25107577	39508629	100.00%	37.055%
69	13.854	1958	1963	1964	rBV	184542	254440	0.64%	0.239%
70	13.940	1971	1977	1981	rBV3	123936	219801	0.56%	0.206%
71	14.007	1984	1988	1991	rBV	235195	352094	0.89%	0.330%
72	14.092	1996	2002	2009	rVB	1689920	2565711	6.49%	2.406%
73	14.153	2009	2012	2014	rBV2	77279	103217	0.26%	0.097%
74	14.202	2014	2020	2026	rVB2	1053144	1752703	4.44%	1.644%
75	14.330	2034	2041	2045	rBV3	149793	350920	0.89%	0.329%
76	14.385	2045	2050	2053	rBV	416335	725502	1.84%	0.680%

LSC Area Percent Report

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Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

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\SFAMWLM100924SMA.M
Title : SFAM01.0

77	14.452	2058	2061	2062	rVV	262271	309536	0.78%	0.290%
78	14.488	2062	2067	2073	rVV2	690561	1511083	3.82%	1.417%
79	14.549	2073	2077	2083	rVB2	149640	319871	0.81%	0.300%
80	14.684	2093	2099	2104	rBV	2005632	3089559	7.82%	2.898%
81	14.726	2104	2106	2110	rVB2	111141	127273	0.32%	0.119%
82	14.799	2110	2118	2125	rBV2	2738019	5466856	13.84%	5.127%
83	14.866	2125	2129	2135	rVB	499808	806539	2.04%	0.756%
84	14.946	2137	2142	2149	rVB	773888	1328948	3.36%	1.246%
85	15.055	2153	2160	2165	rBV2	305728	605192	1.53%	0.568%
86	15.165	2173	2178	2186	rBV3	189373	422892	1.07%	0.397%
87	15.232	2186	2189	2191	rBV3	49553	66362	0.17%	0.062%
88	15.318	2198	2203	2207	rVB2	362855	555838	1.41%	0.521%
89	15.360	2207	2210	2219	rVB	139381	289795	0.73%	0.272%
90	15.464	2219	2227	2231	rBV4	188718	420494	1.06%	0.394%
91	15.647	2249	2257	2260	rBV2	149486	342798	0.87%	0.322%
92	15.720	2266	2269	2277	rVB6	192728	420077	1.06%	0.394%
93	15.842	2281	2289	2294	rBV6	96784	300054	0.76%	0.281%
94	16.080	2325	2328	2333	rVB4	56484	90488	0.23%	0.085%
95	16.208	2345	2349	2354	rVB4	71113	115125	0.29%	0.108%
96	16.275	2354	2360	2368	rVB	280033	550718	1.39%	0.517%
97	16.366	2369	2375	2378	rBV	80518	168821	0.43%	0.158%
98	16.433	2378	2386	2396	rVB	3376955	7118185	18.02%	6.676%
99	16.531	2397	2402	2409	rBV5	60397	178083	0.45%	0.167%
100	16.634	2410	2419	2429	rVB	3281449	7477967	18.93%	7.014%

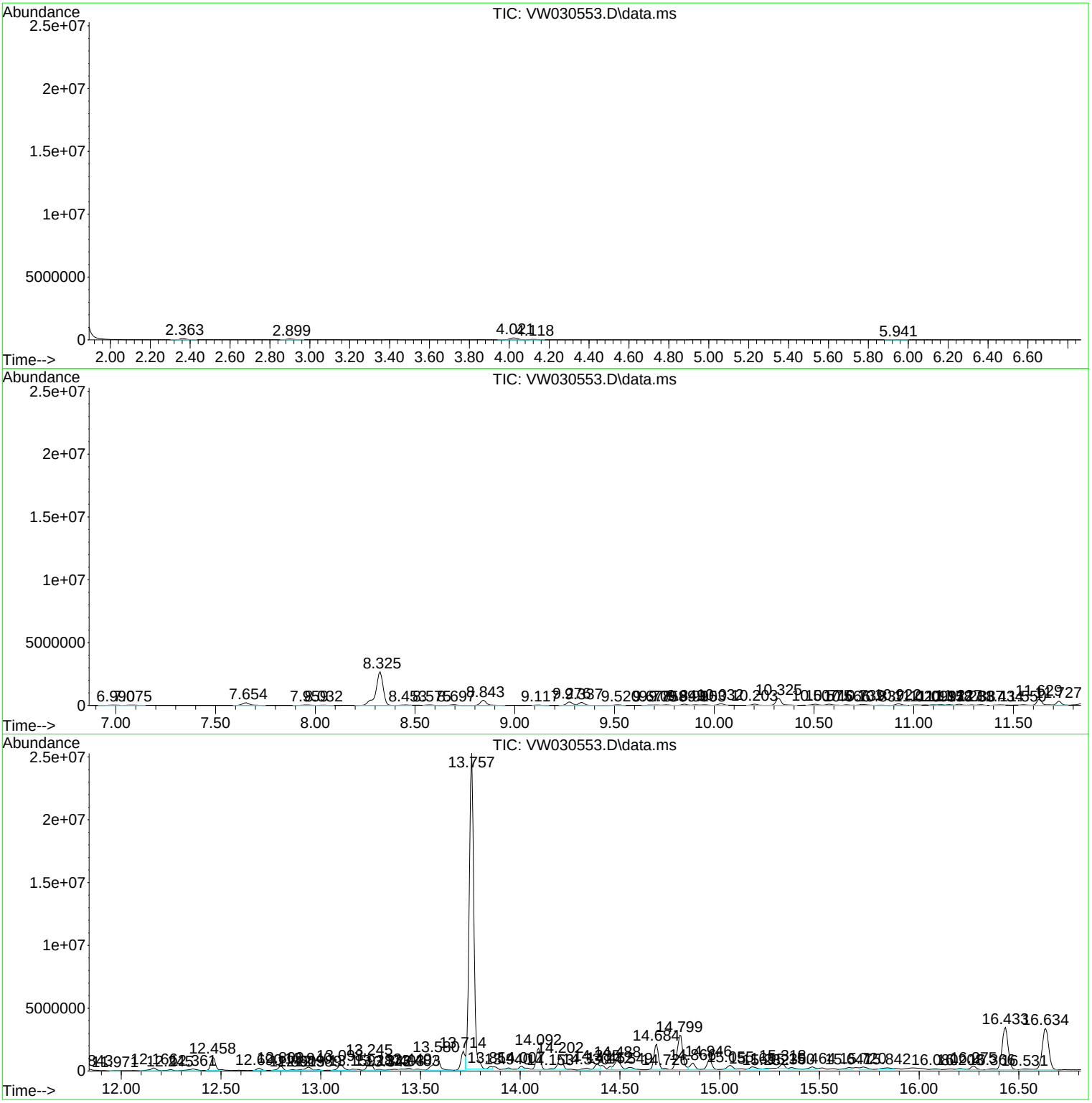
Sum of corrected areas: 106622241

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

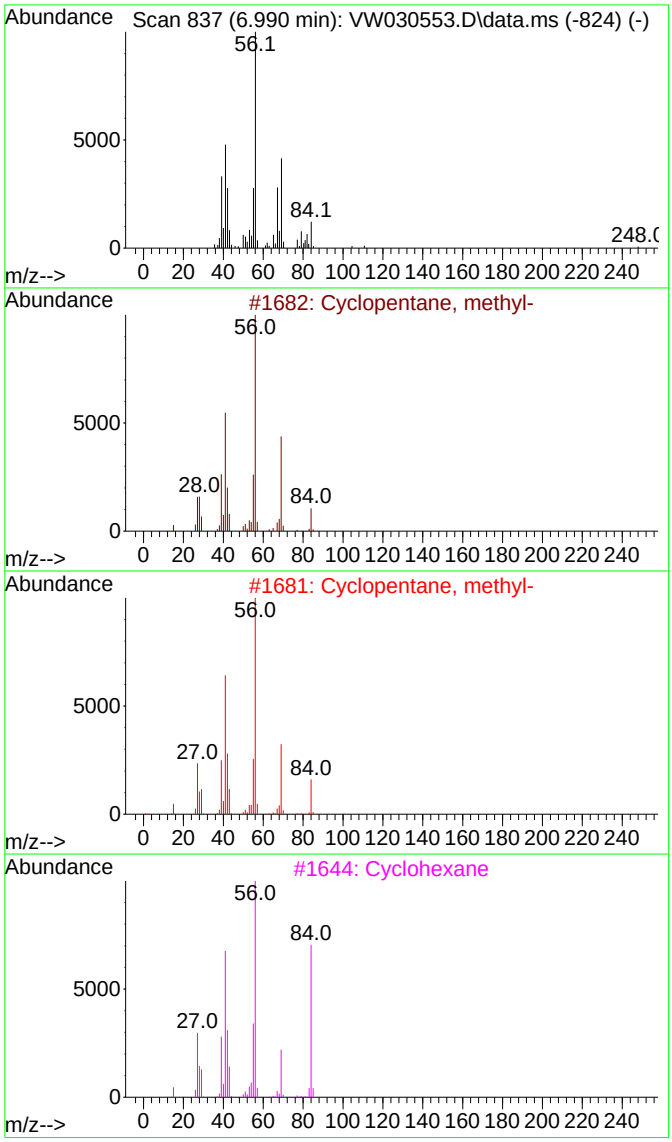
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

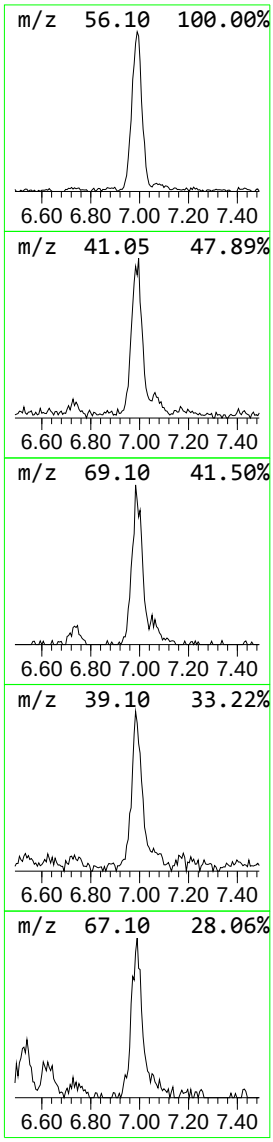
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic6.990 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.990	2.56 ug/L	89716	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	68
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
3	Cyclohexane	84	C6H12	000110-82-7	64
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	58
5	Cyclohexane	84	C6H12	000110-82-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

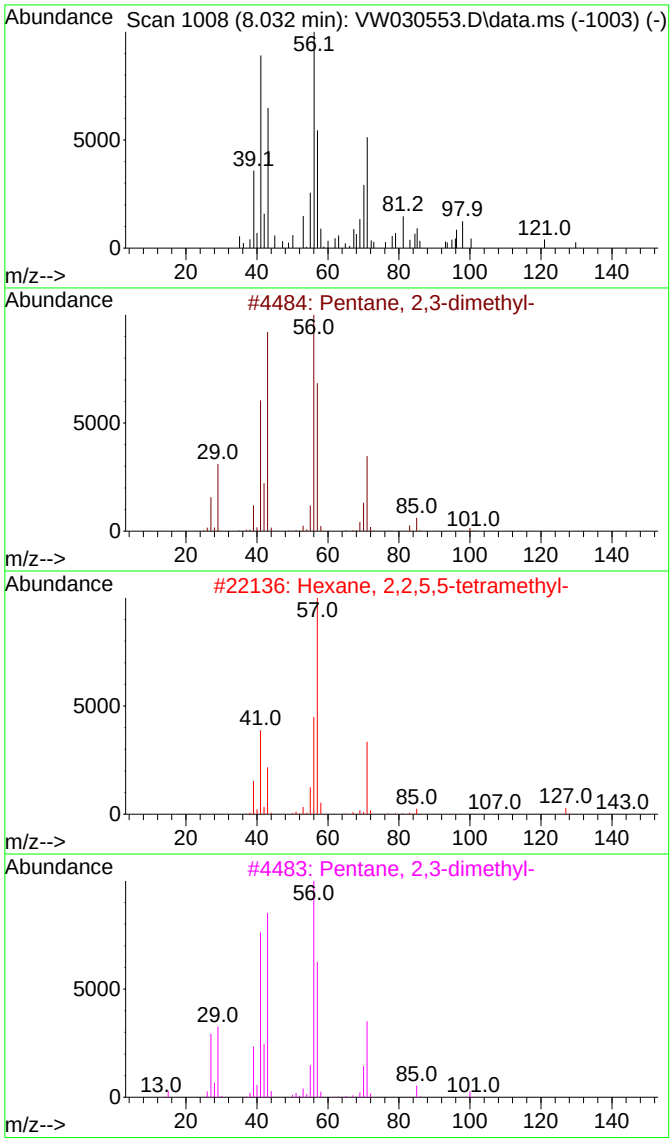
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

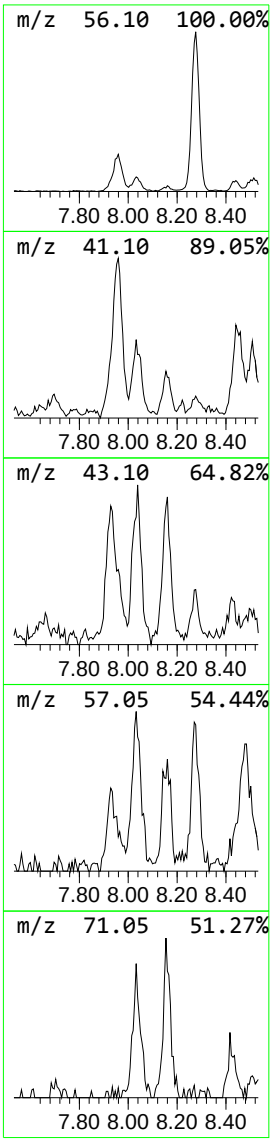
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.032	1.31 ug/L	45807	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	59
2	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	50
4	Ethane, isocyanato-	71	C3H5NO	000109-90-0	50
5	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

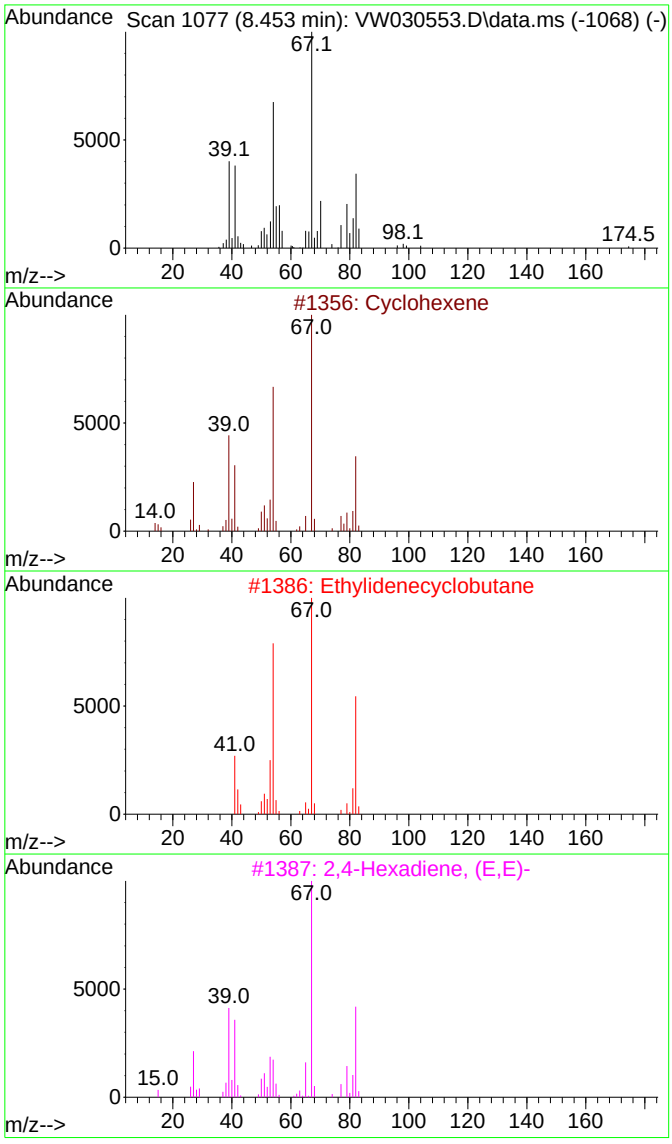
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

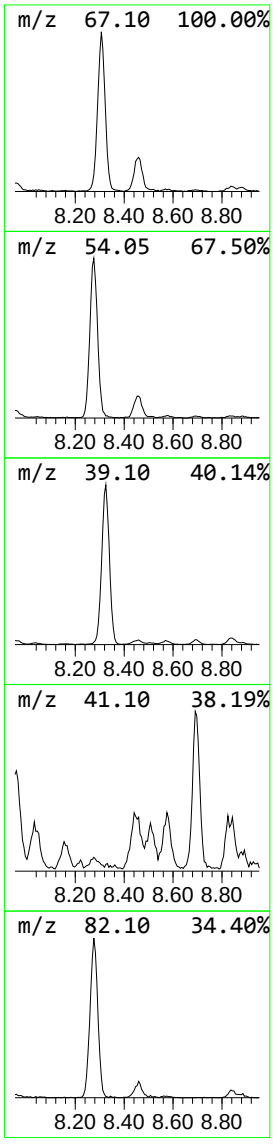
****

Peak Number 3 Cyclohexene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.453	2.64 ug/L	92375	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	92
2	Ethylidenecyclobutane	82	C6H10	001528-21-8	62
3	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	53
4	2,4-Hexadiene	82	C6H10	000592-46-1	53
5	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

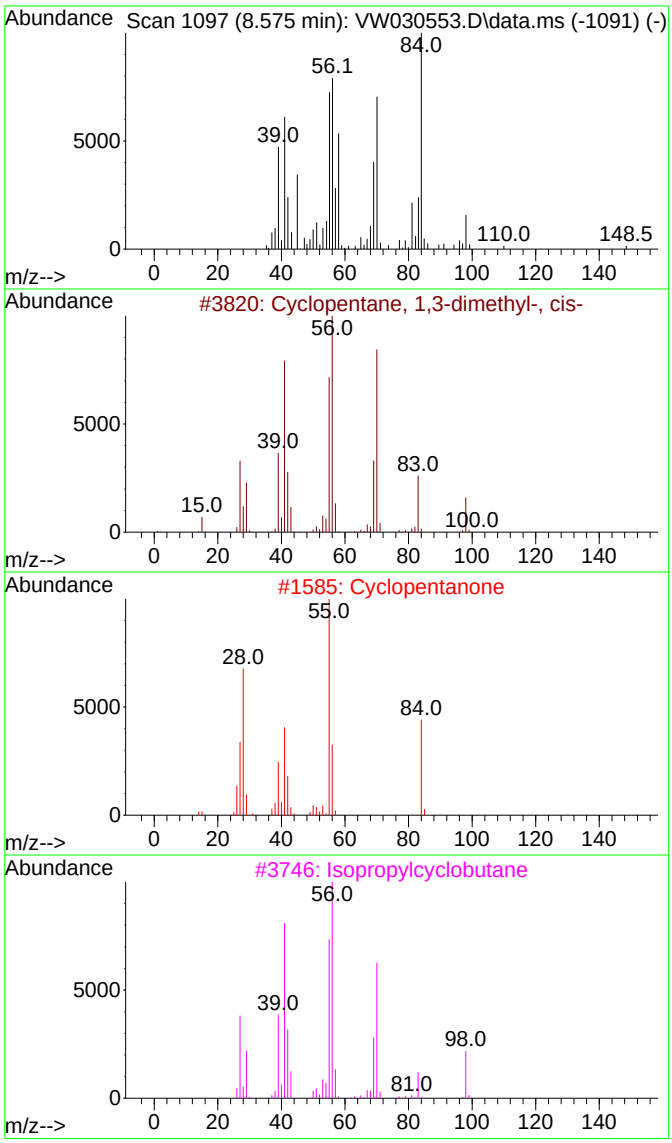
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

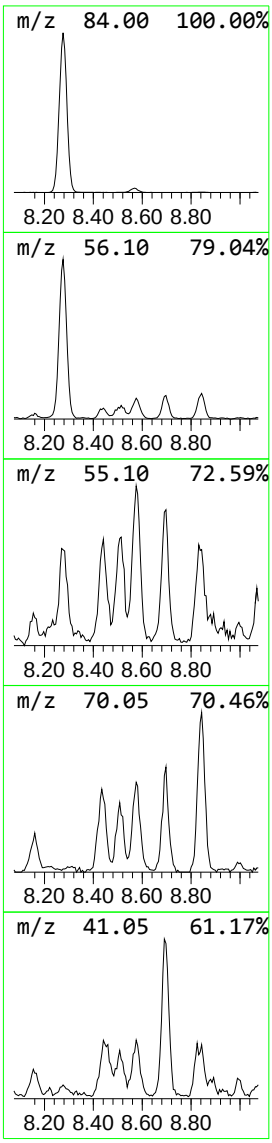
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic8.575 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.575	2.49 ug/L	87245	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	50
2	Cyclopentanone	84	C5H8O	000120-92-3	46
3	Isopropylcyclobutane	98	C7H14	000872-56-0	38
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	38
5	1-Heptene	98	C7H14	000592-76-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

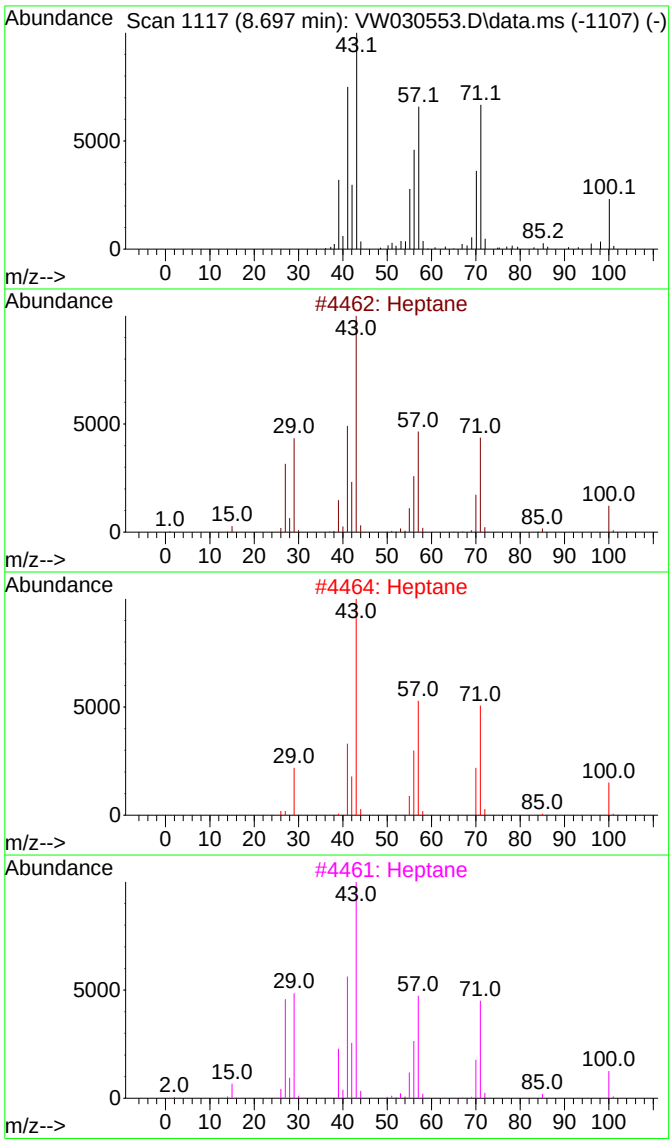
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

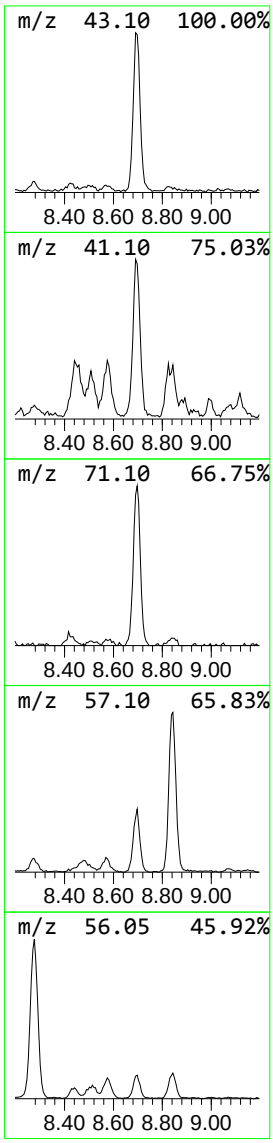
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.697	3.26 ug/L	114328	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	83
2	Heptane	100	C7H16	000142-82-5	80
3	Heptane	100	C7H16	000142-82-5	53
4	3-Hexanone	100	C6H12O	000589-38-8	46
5	3-Hexanone	100	C6H12O	000589-38-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

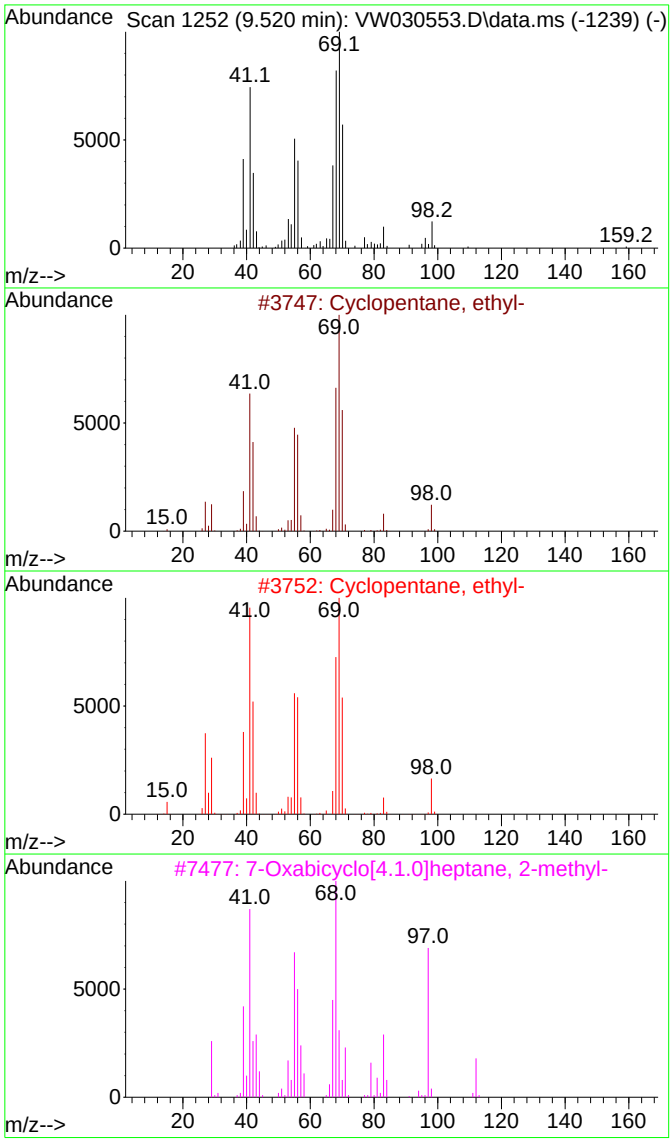
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

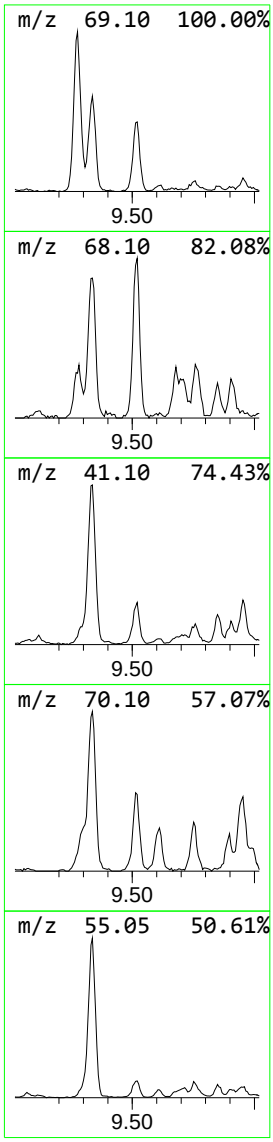
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic9.520 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.520	2.71 ug/L	95107	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	76
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	58
3	7-Oxabicyclo[4.1.0]heptane, 2-me...	112	C7H12O	005410-22-0	47
4	2-(Oxolan-3-yl)ethanol	116	C6H12O2	1050496-48-4	35
5	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	30





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Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

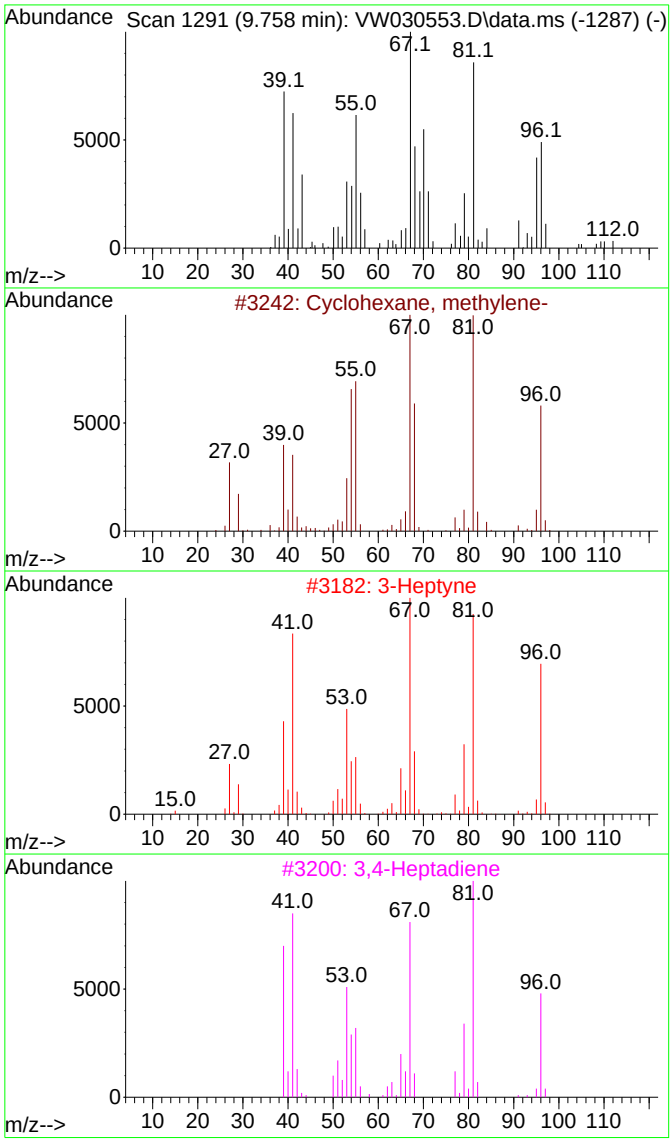
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

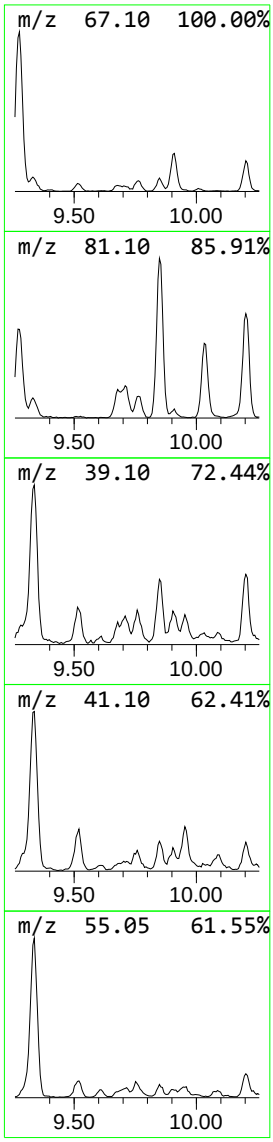
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, methylene- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.758	2.20 ug/L	76933	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methylene-	96	C7H12	001192-37-6	52
2	3-Heptyne	96	C7H12	002586-89-2	43
3	3,4-Heptadiene	96	C7H12	002454-31-1	43
4	Cyclohexane, methylene-	96	C7H12	001192-37-6	38
5	1,4-Hexadiene, 5-methyl-	96	C7H12	000763-88-2	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

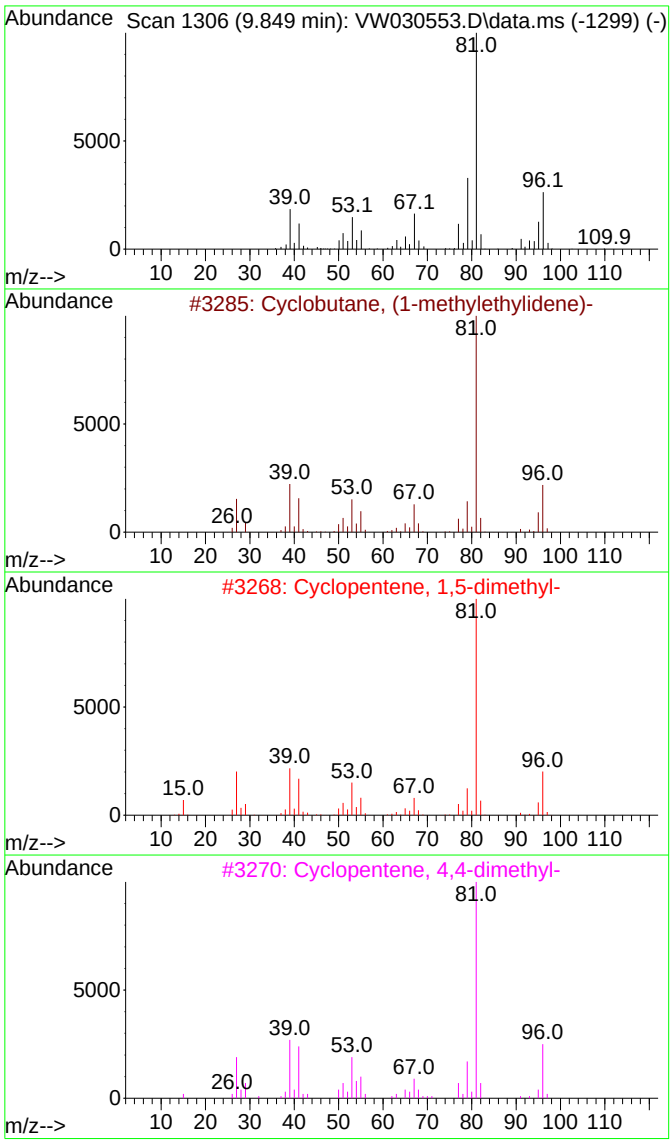
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

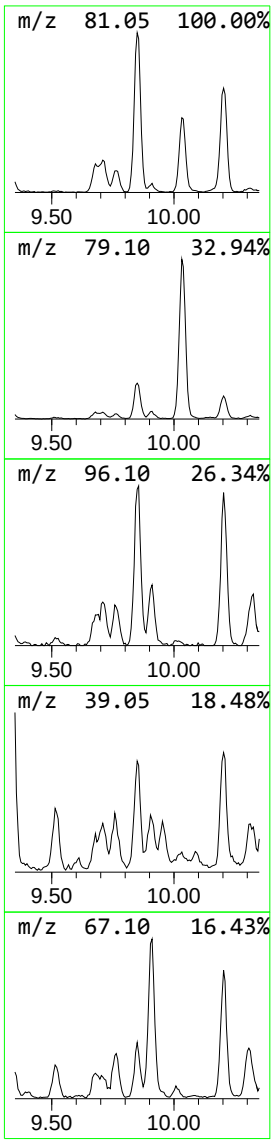
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclobutane, (1-methylethyl... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.849	5.11 ug/L	178957	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	80
4	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	72
5	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

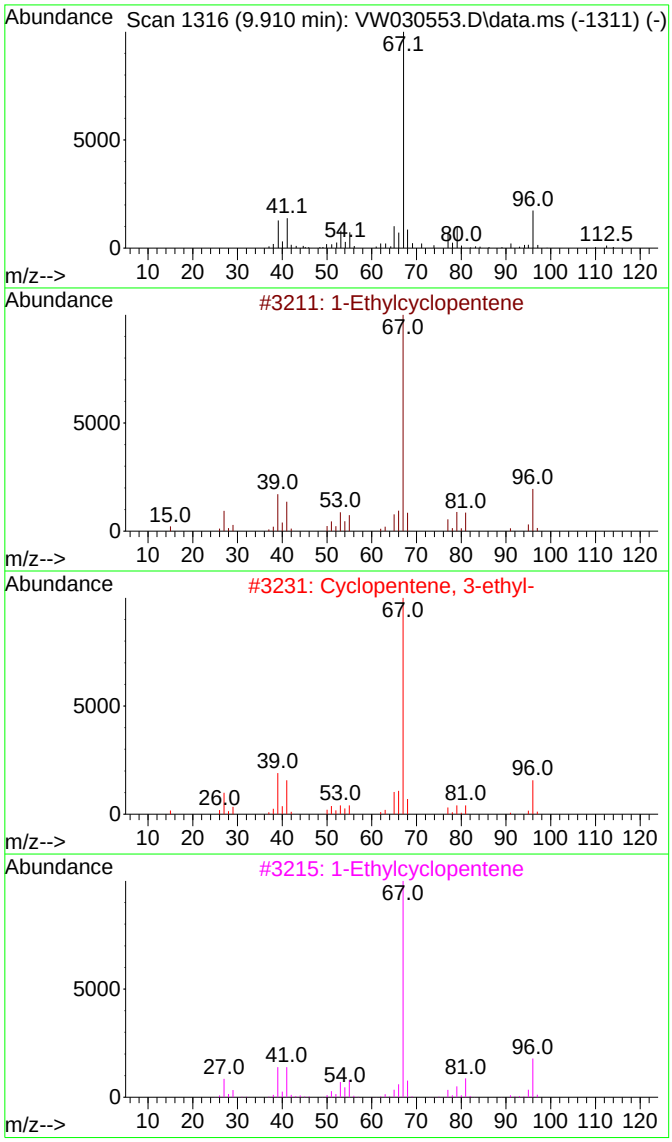
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

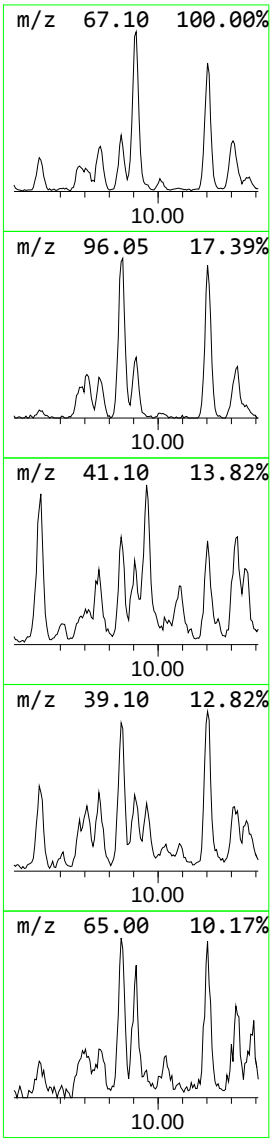
****

Peak Number 11 1-Ethylcyclopentene Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.910	2.36 ug/L	82525	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethylcyclopentene	96	C7H12	002146-38-5	87
2	Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	80
3	1-Ethylcyclopentene	96	C7H12	002146-38-5	80
4	Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	80
5	1-Ethylcyclopentene	96	C7H12	002146-38-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

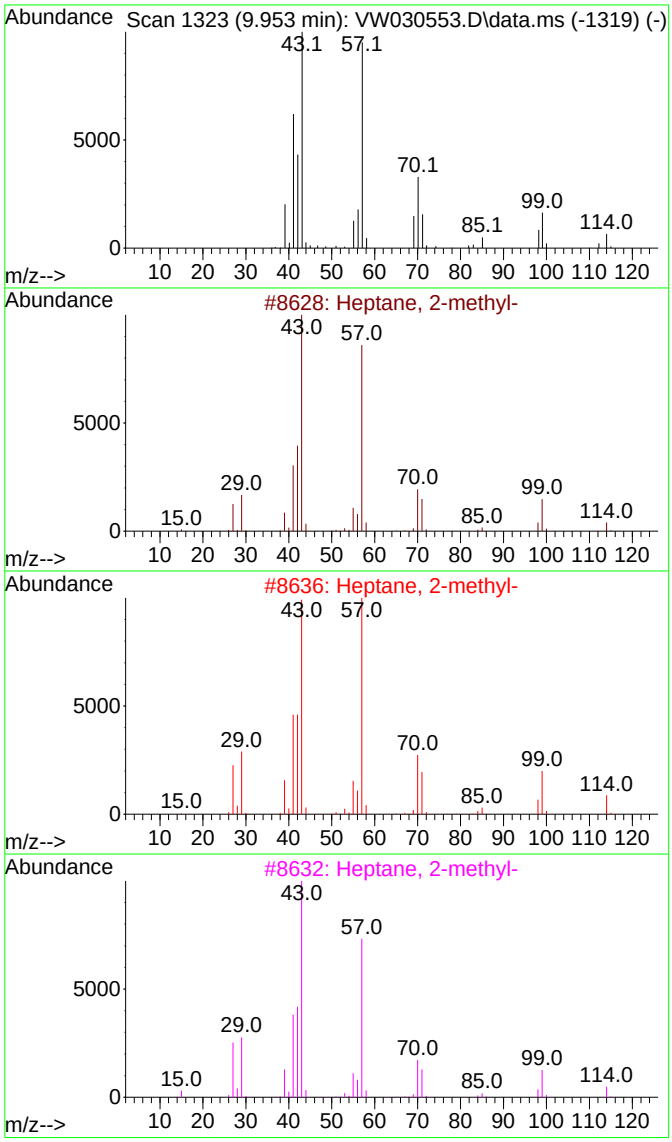
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

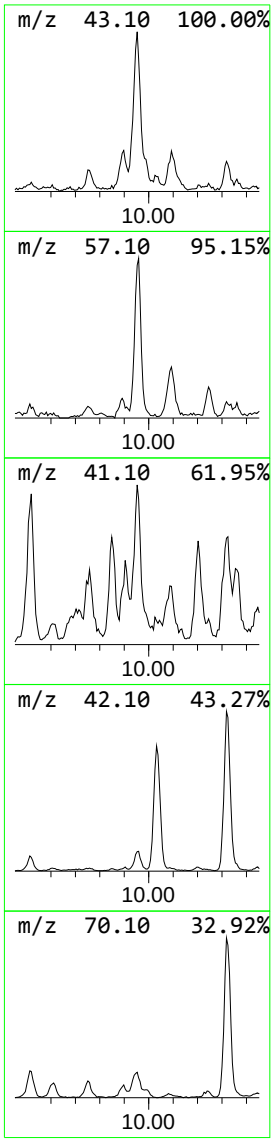
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.953	2.40 ug/L	83903	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	87
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	87
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	86
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

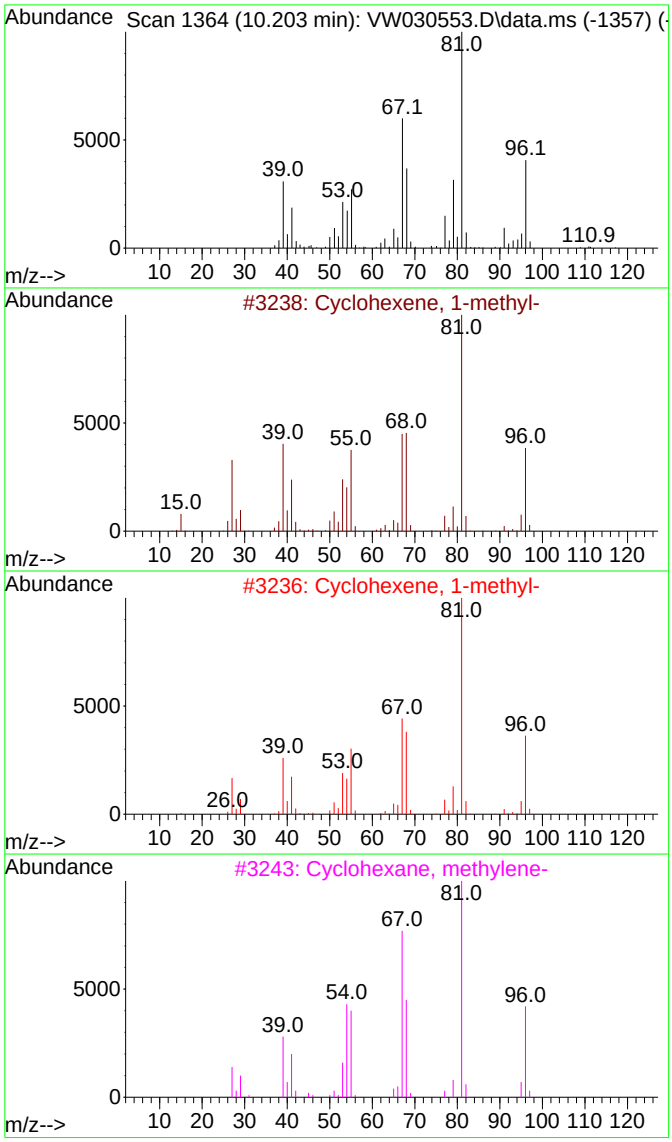
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

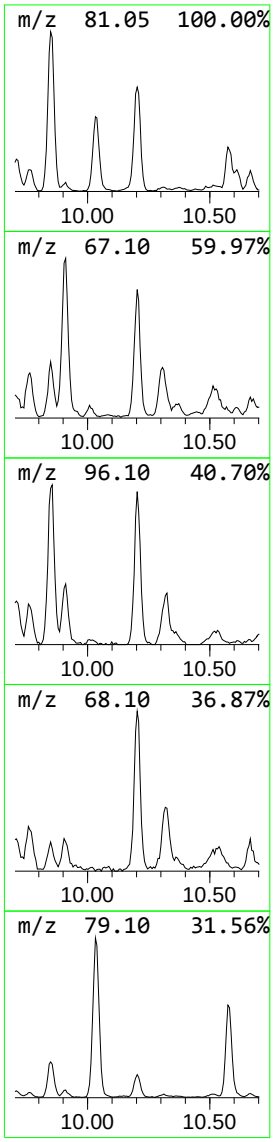
****

Peak Number 14 Cyclohexene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.203	5.37 ug/L	188117	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	93
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	87
3	Cyclohexane, methylene-	96	C7H12	001192-37-6	81
4	Cyclohexane, methylene-	96	C7H12	001192-37-6	80
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

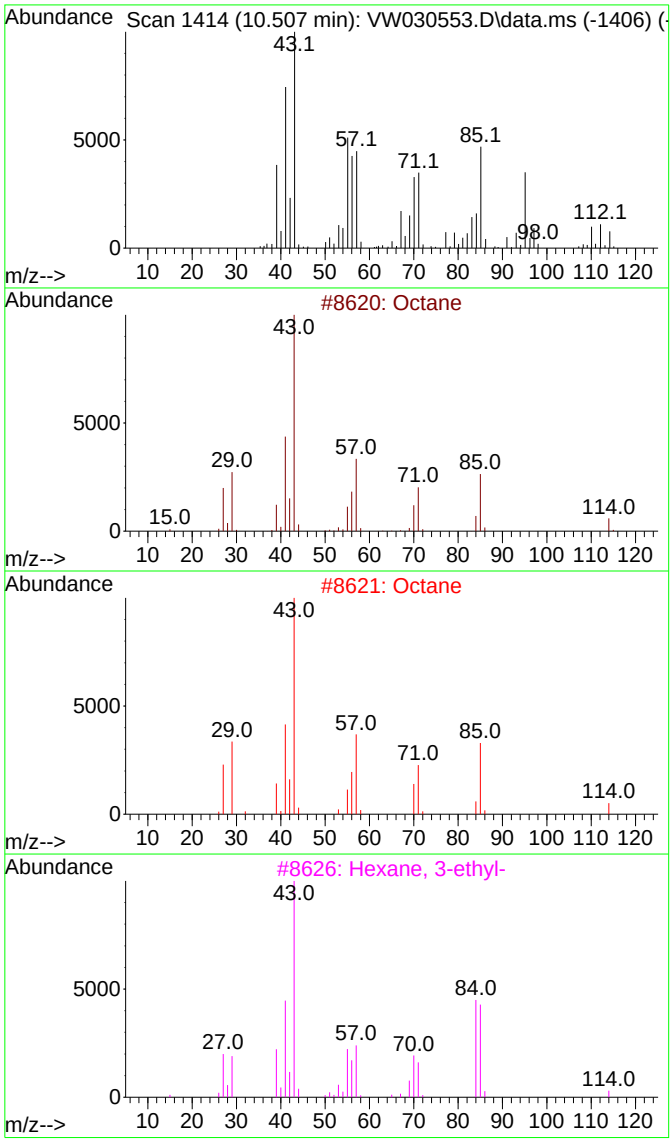
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

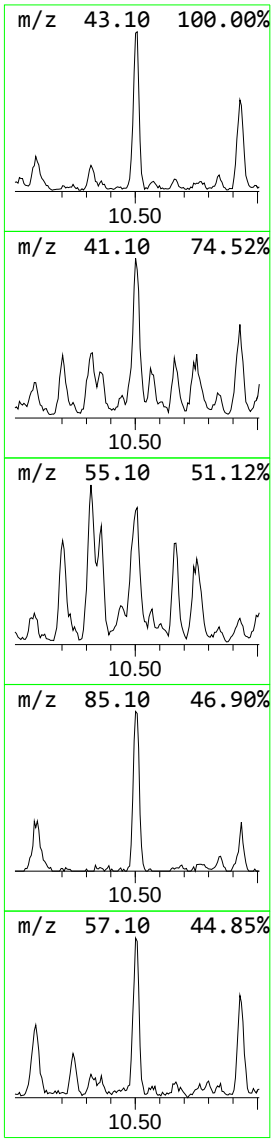
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.508	4.87 ug/L	175803	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	46
2	Octane	114	C8H18	000111-65-9	46
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	38
4	1-Octene	112	C8H16	000111-66-0	38
5	Acetic acid, octyl ester	172	C10H20O2	000112-14-1	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

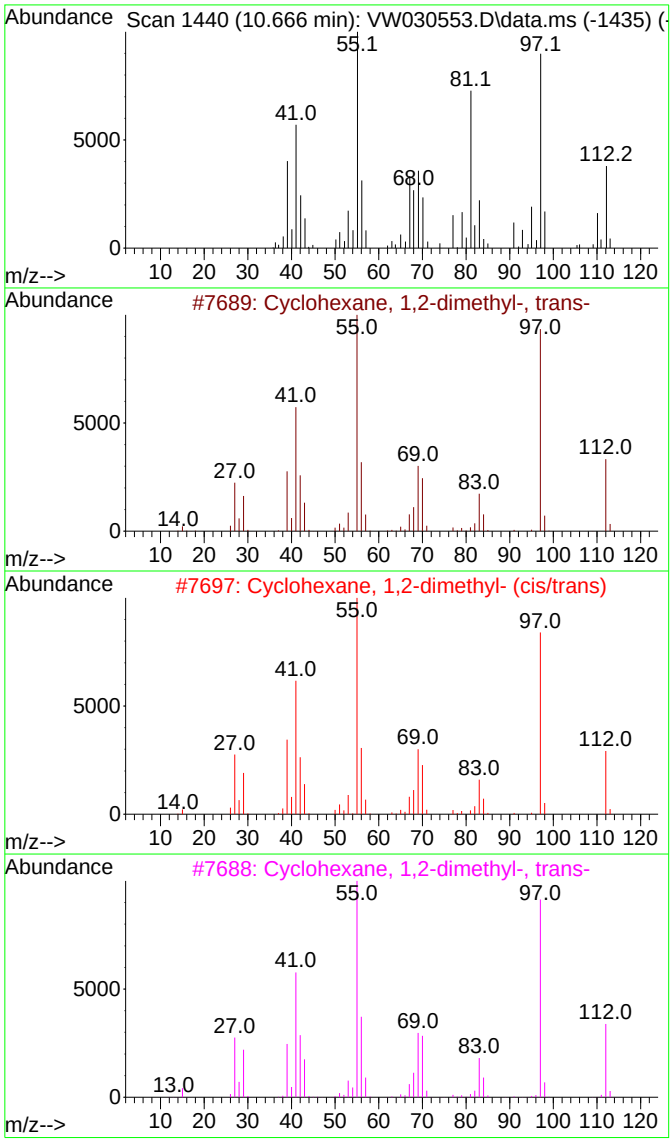
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

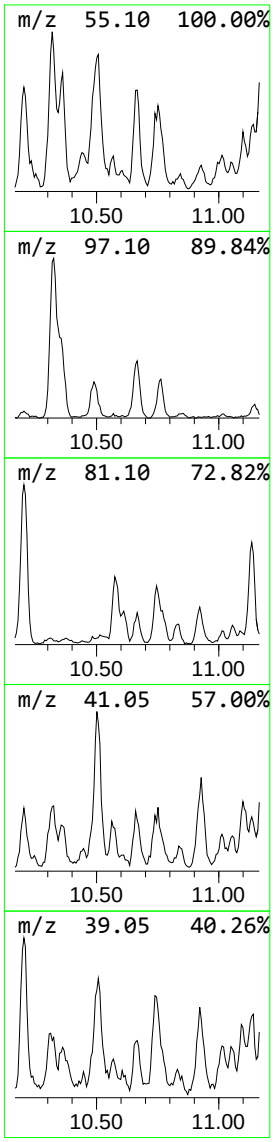
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic10.666 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.666	1.97 ug/L	71248	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	76
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	76
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	70
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	58
5	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

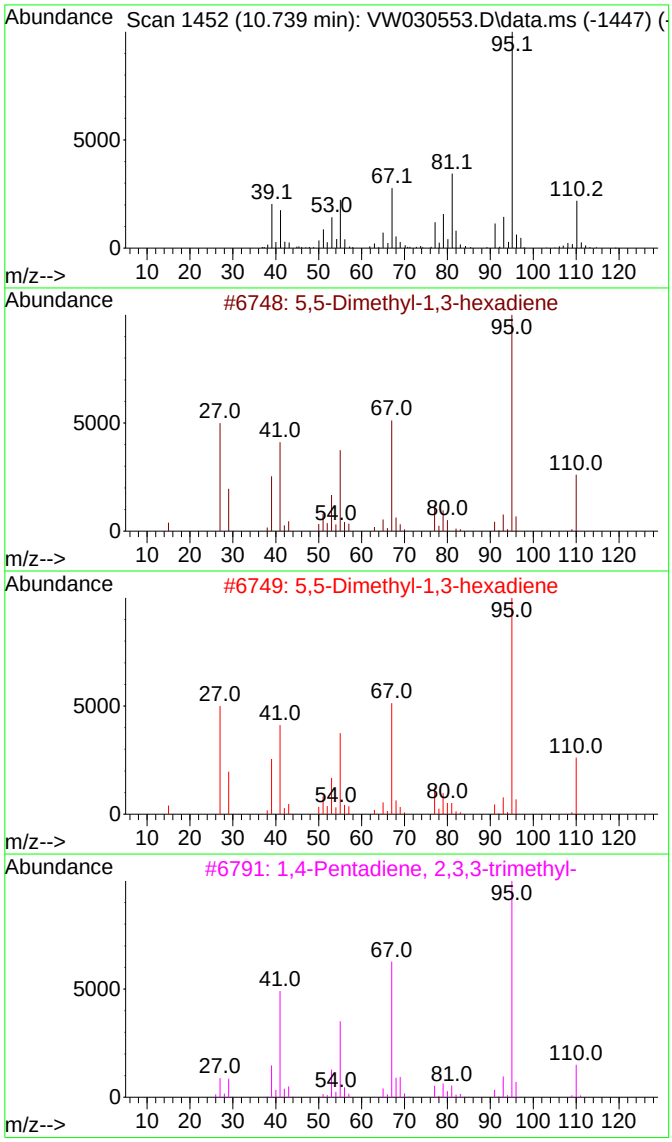
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

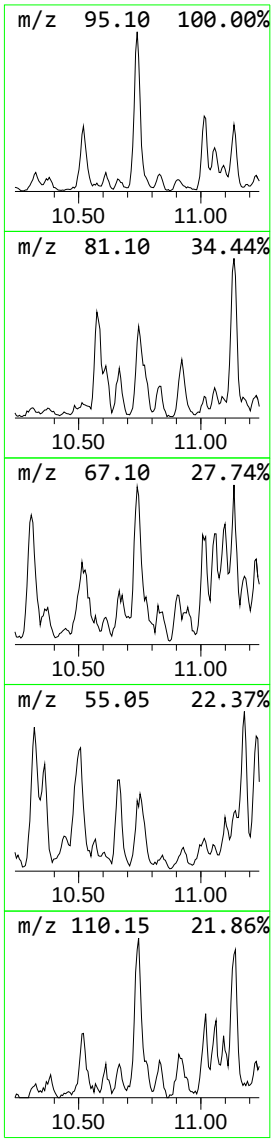
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 5,5-Dimethyl-1,3-hexadiene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.739	4.45 ug/L	160505	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	68
2	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	68
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64
4	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	64
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

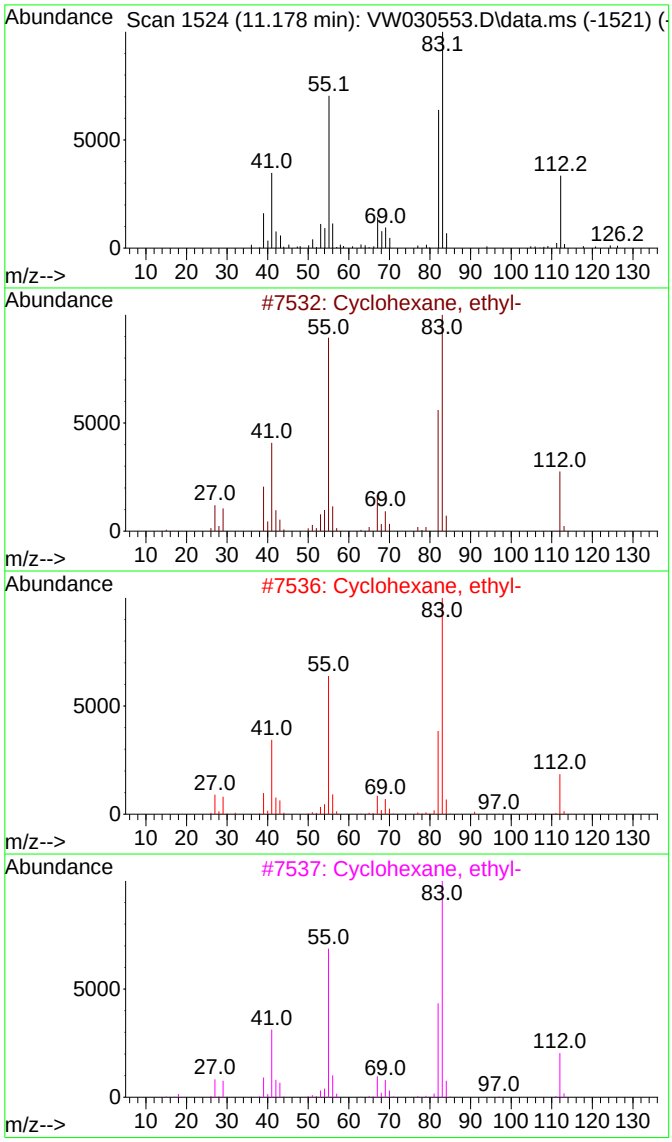
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

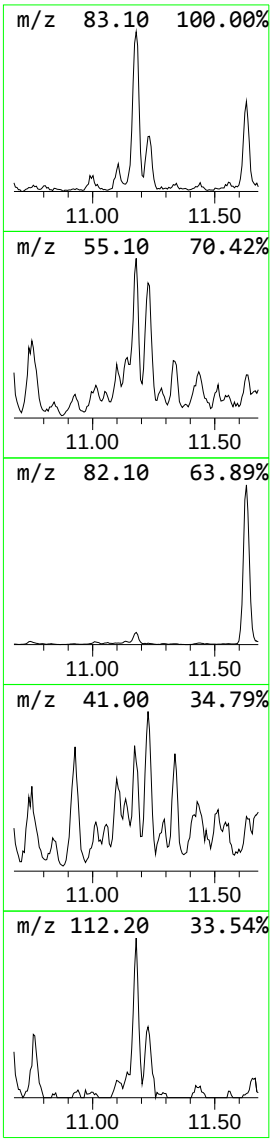
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Cyclic11.178 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.178	1.40 ug/L	50595	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, decyl-	224	C16H32	001795-16-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

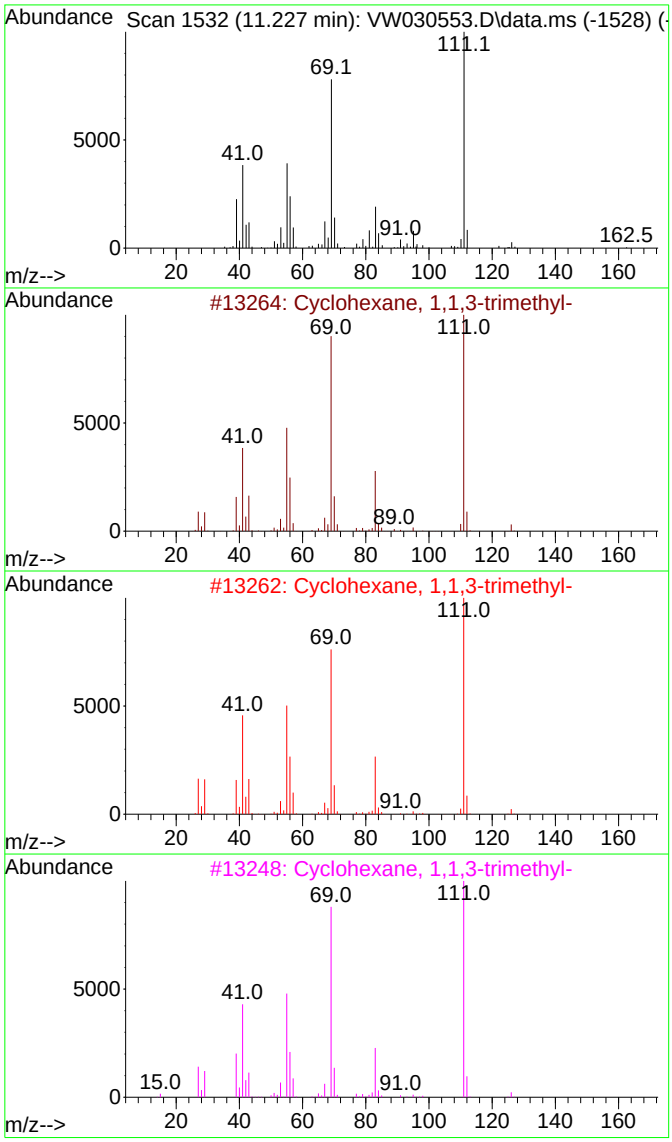
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

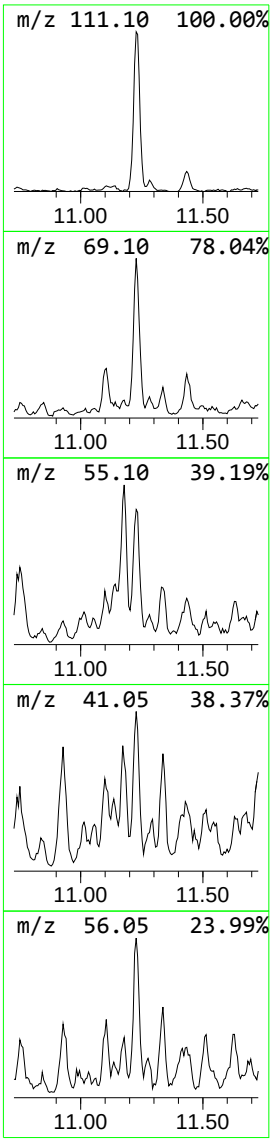
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic11.227 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	3.45 ug/L	124405	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	81
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

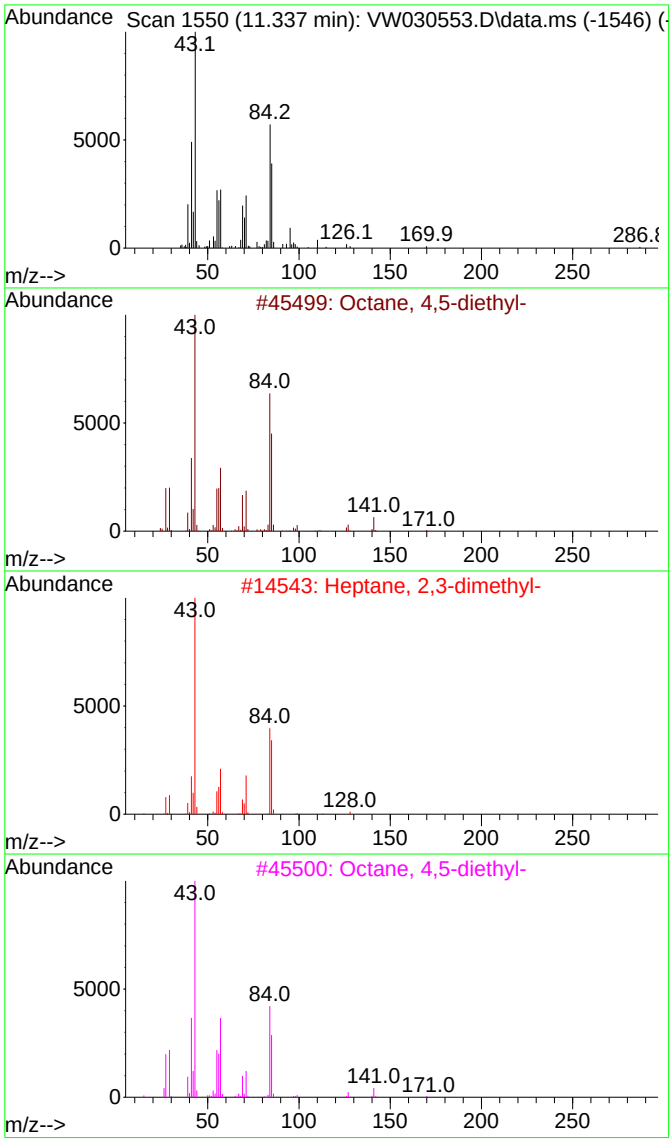
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

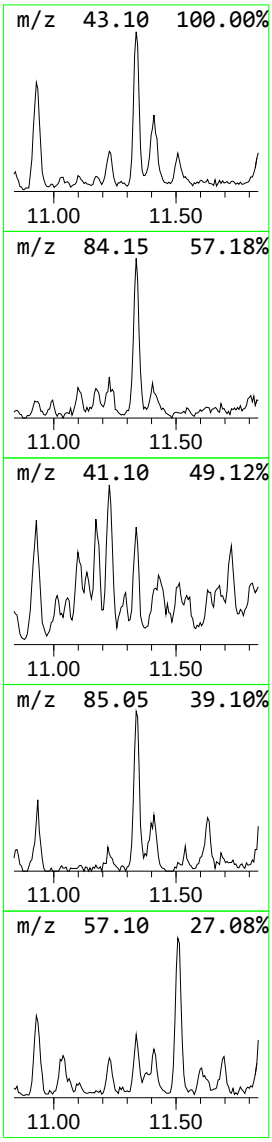
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.337	2.15 ug/L	77762	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4,5-diethyl-	170	C12H26	001636-41-5	81
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	80
3	Octane, 4,5-diethyl-	170	C12H26	001636-41-5	64
4	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	58
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

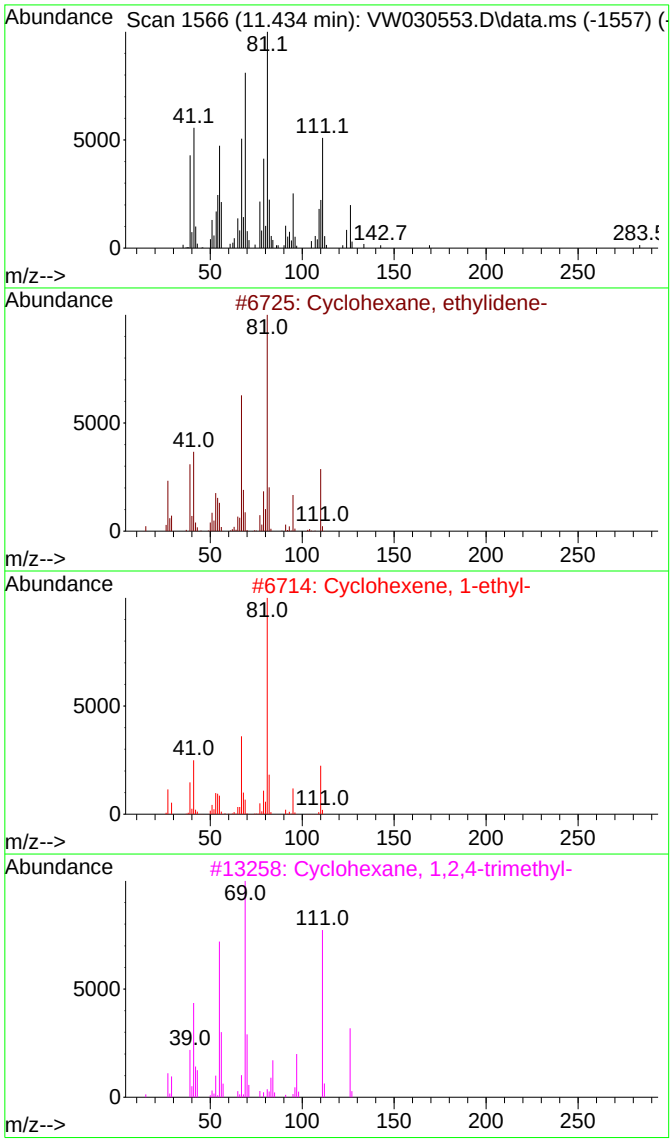
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

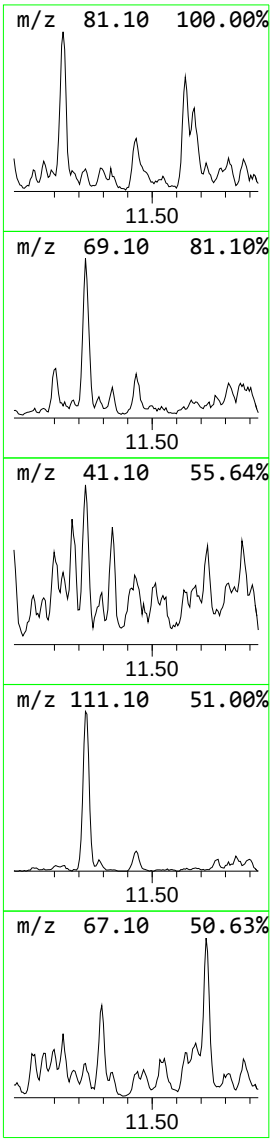
****

Peak Number 24 unknown-01 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.434	2.36 ug/L	84996	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	45
2	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	43
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

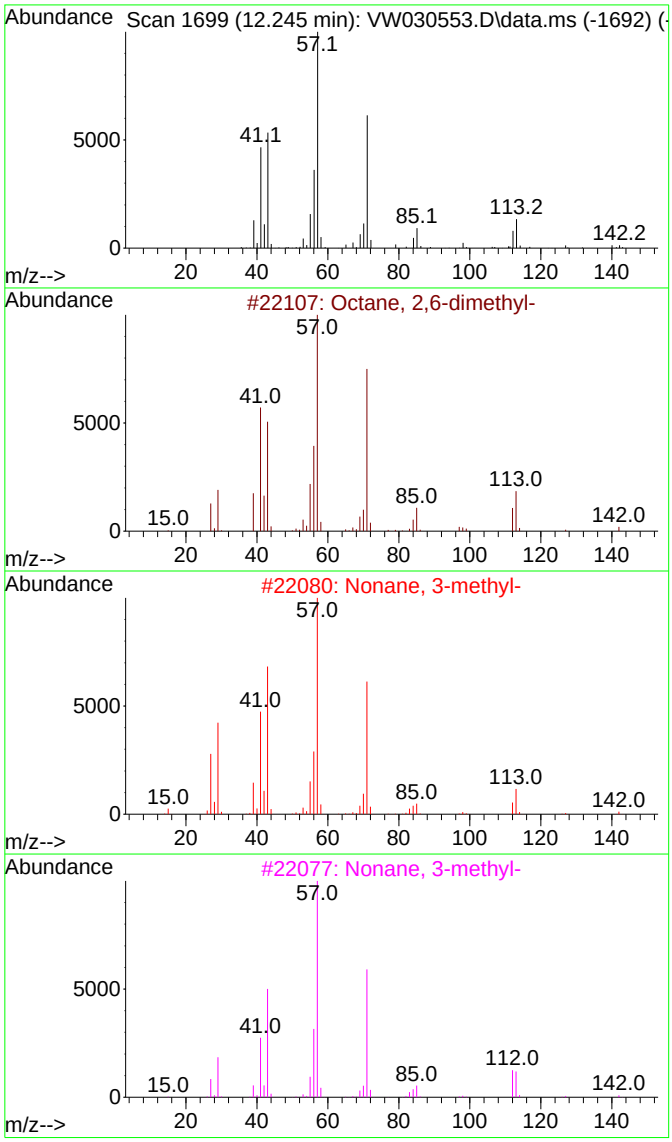
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

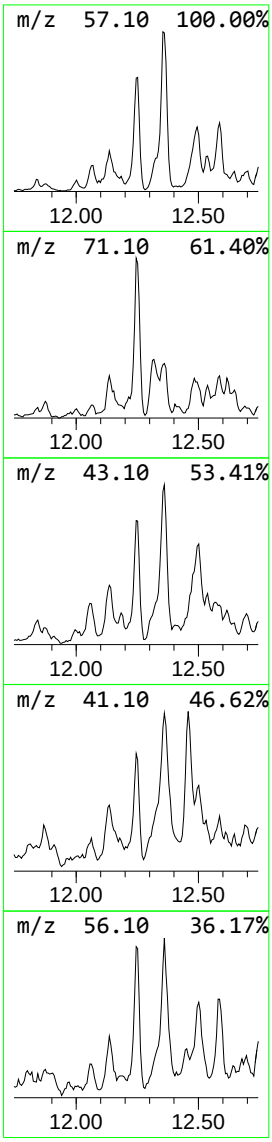
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	5.17 ug/L	186492	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	95
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	95
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

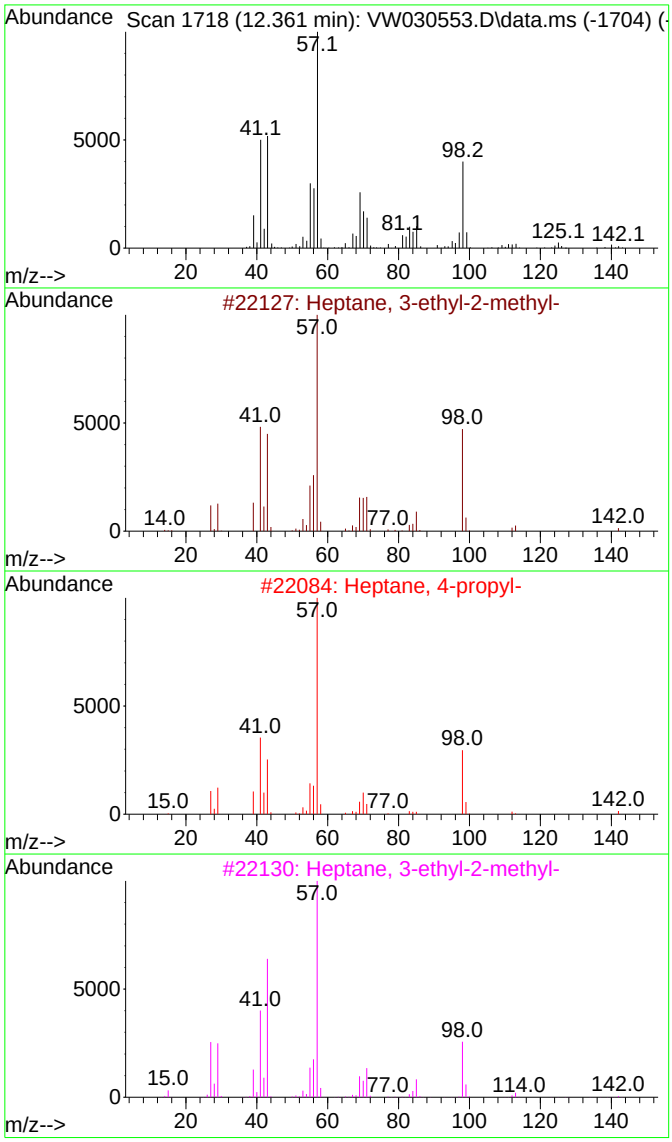
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

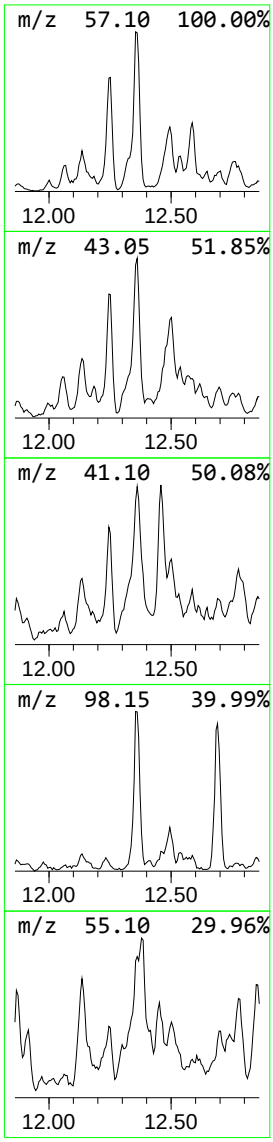
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	13.51 ug/L	487487	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58
2	Heptane, 4-propyl-	142	C10H22	003178-29-8	53
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	49
4	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	47
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

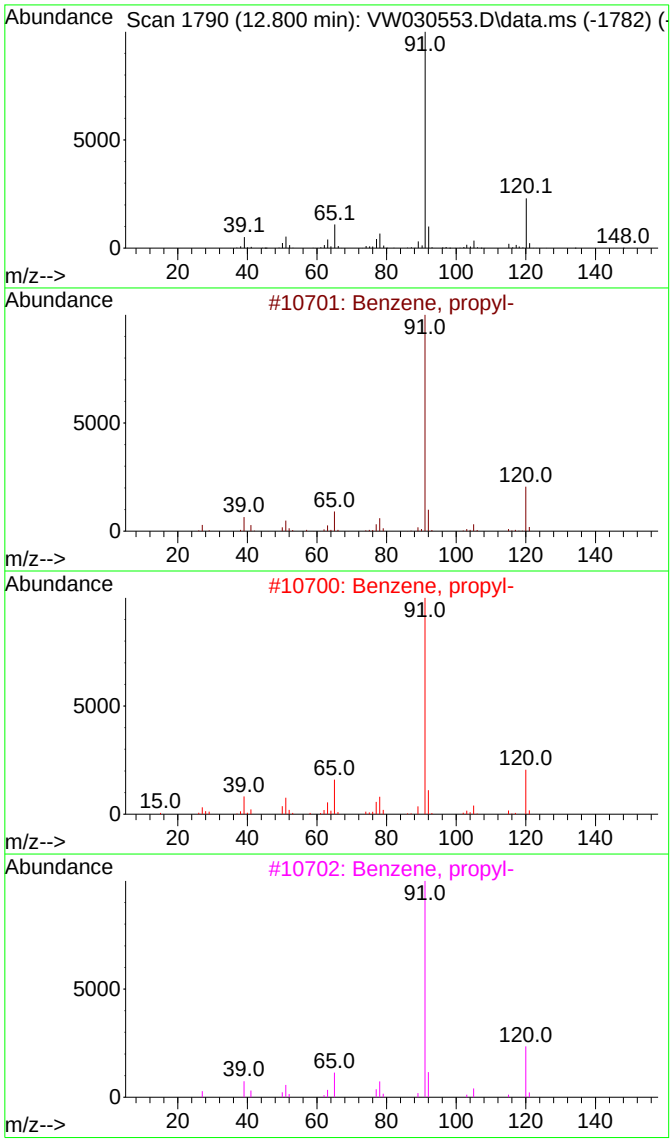
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

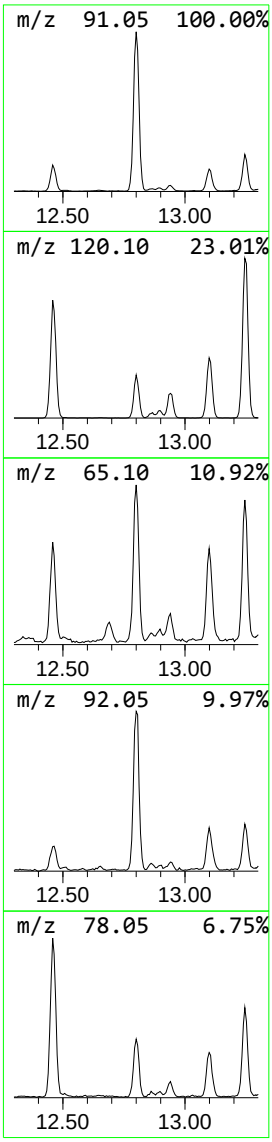
****

Peak Number 28 Benzene, propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.800	5.57 ug/L	583913	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Benzene, propyl-	120	C9H12	000103-65-1	87
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

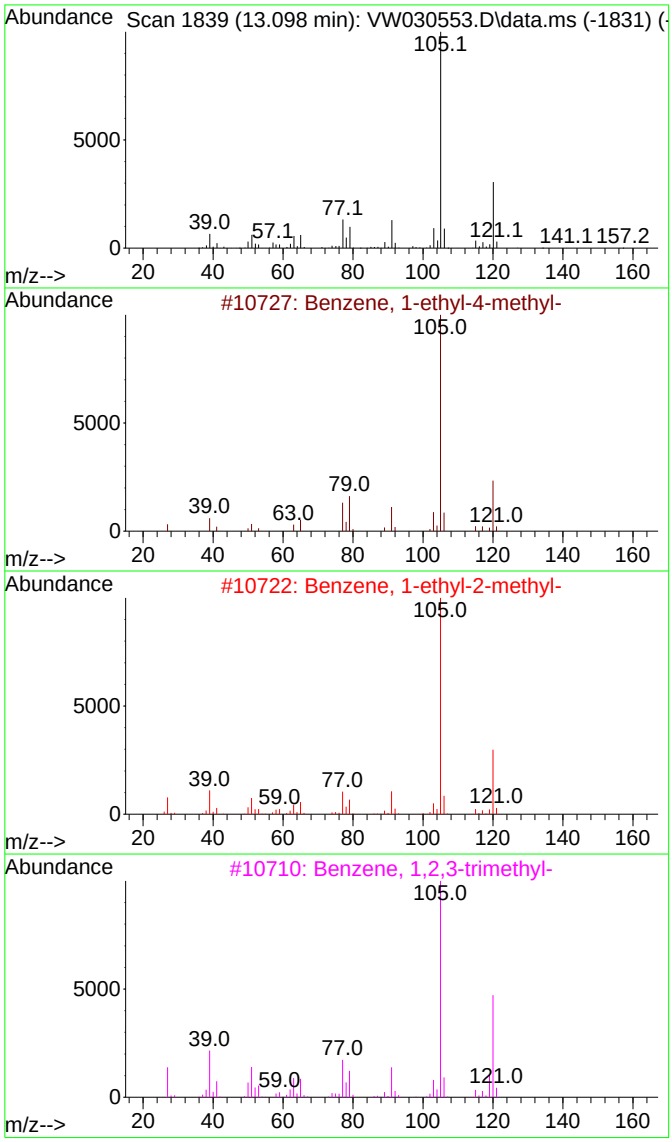
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

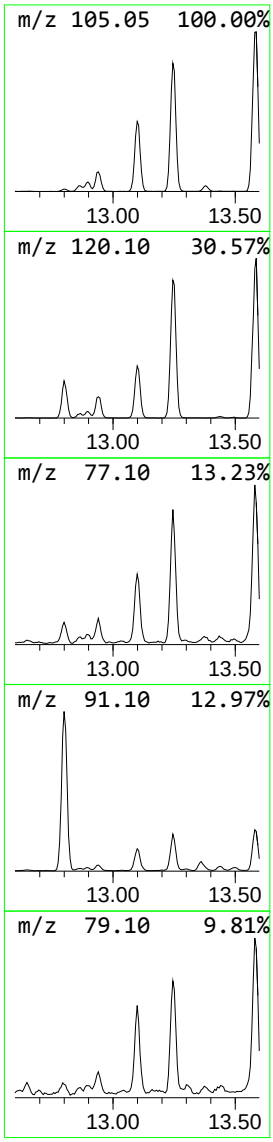
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1-ethyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.099	8.83 ug/L	926153	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

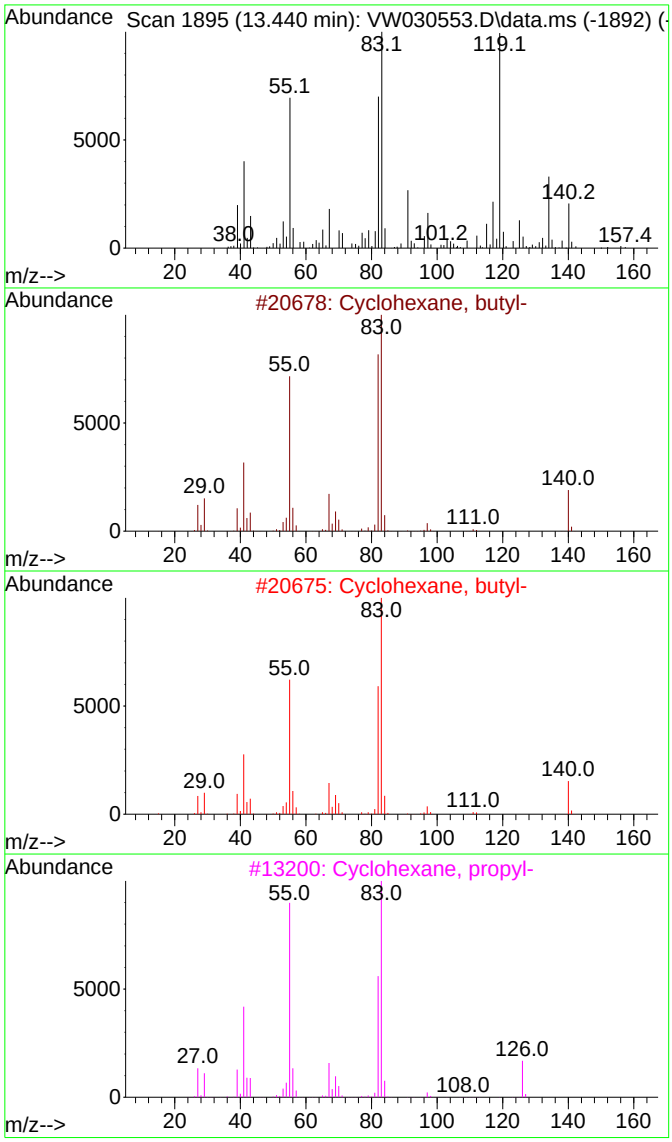
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

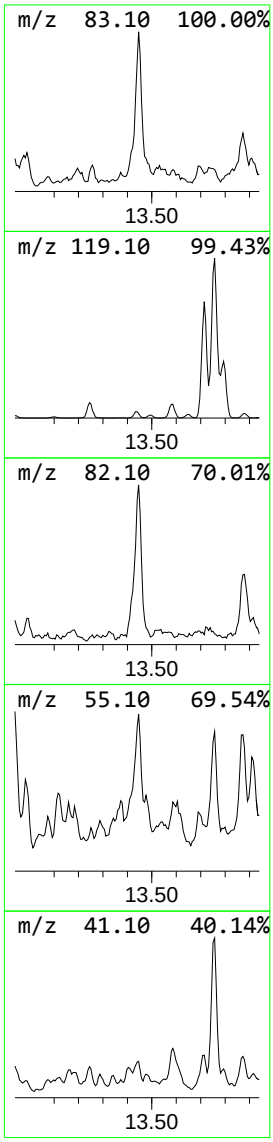
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Cyclic13.440 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	1.81 ug/L	189665	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	50
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	45
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	38
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	38
5	p-Cymene	134	C10H14	000099-87-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

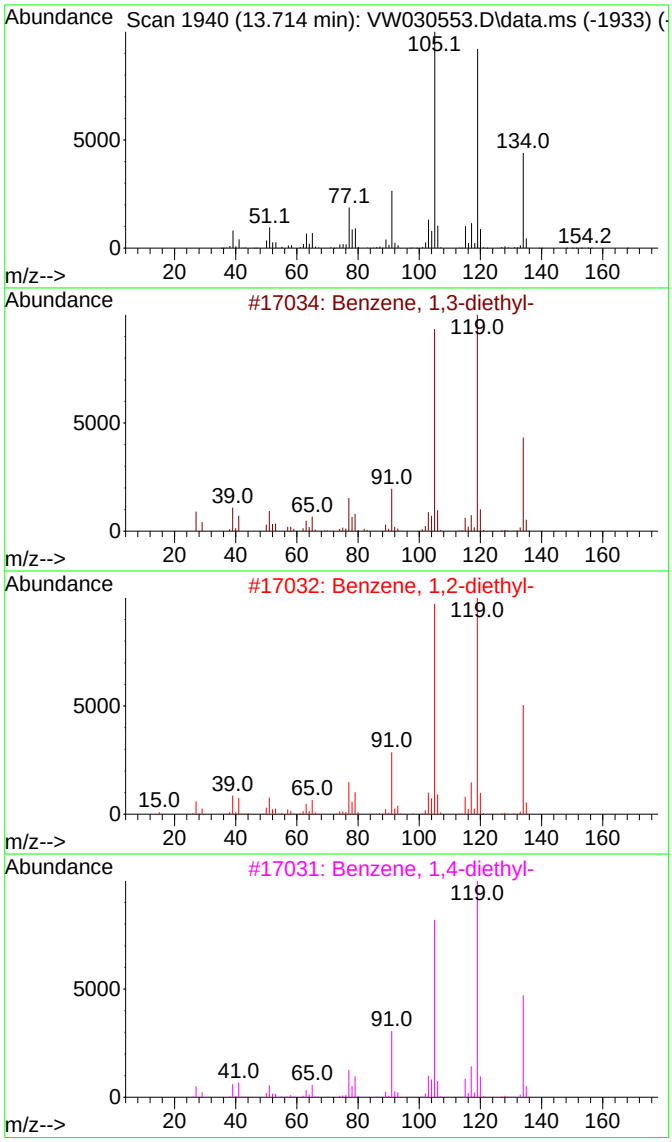
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

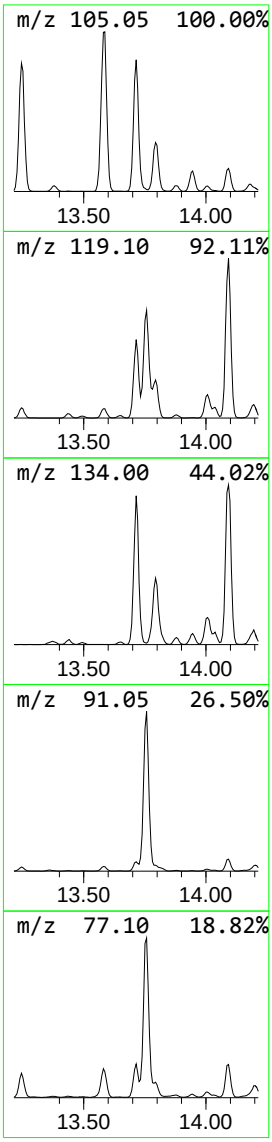
****

Peak Number 31 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.714	22.01 ug/L	2308430	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

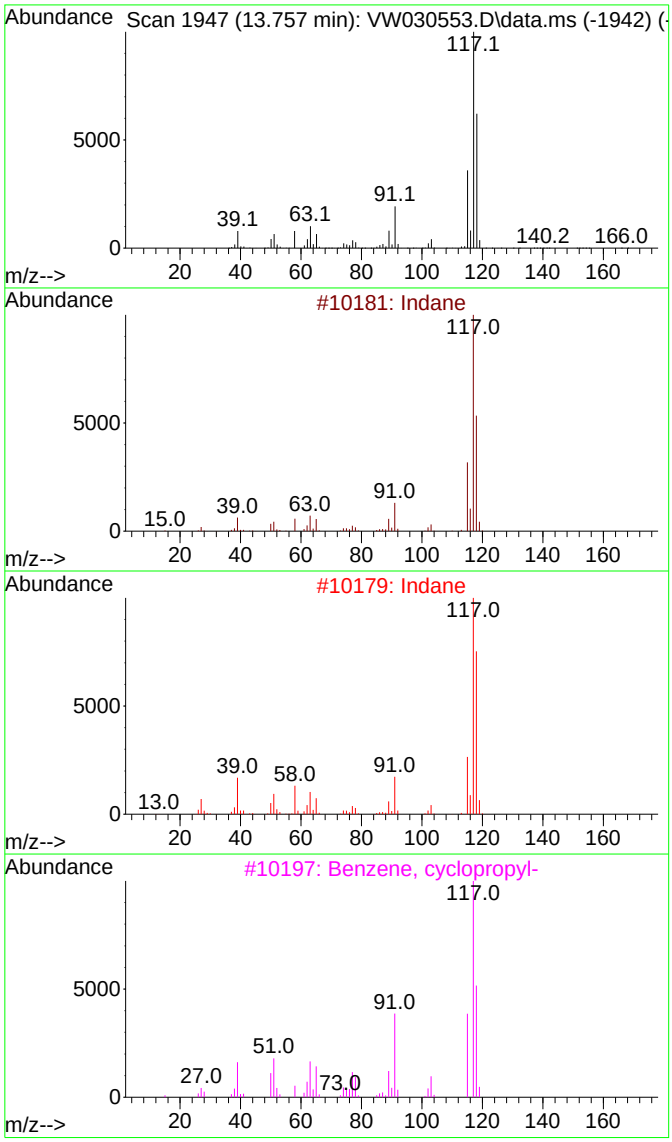
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

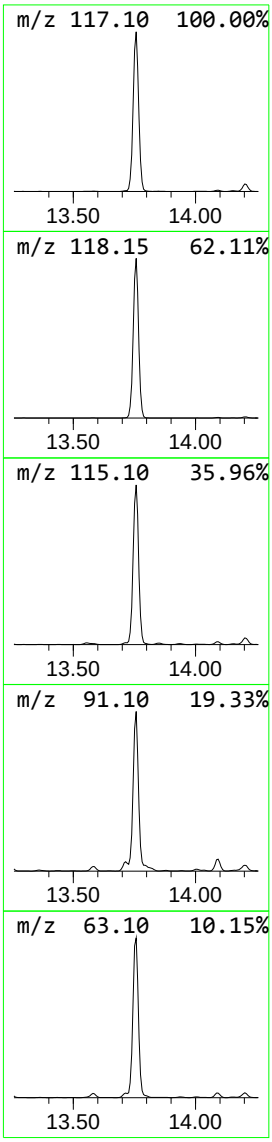
****

Peak Number 32 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	376.74 ug/L	39508600	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	64
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Indane	118	C9H10	000496-11-7	59
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

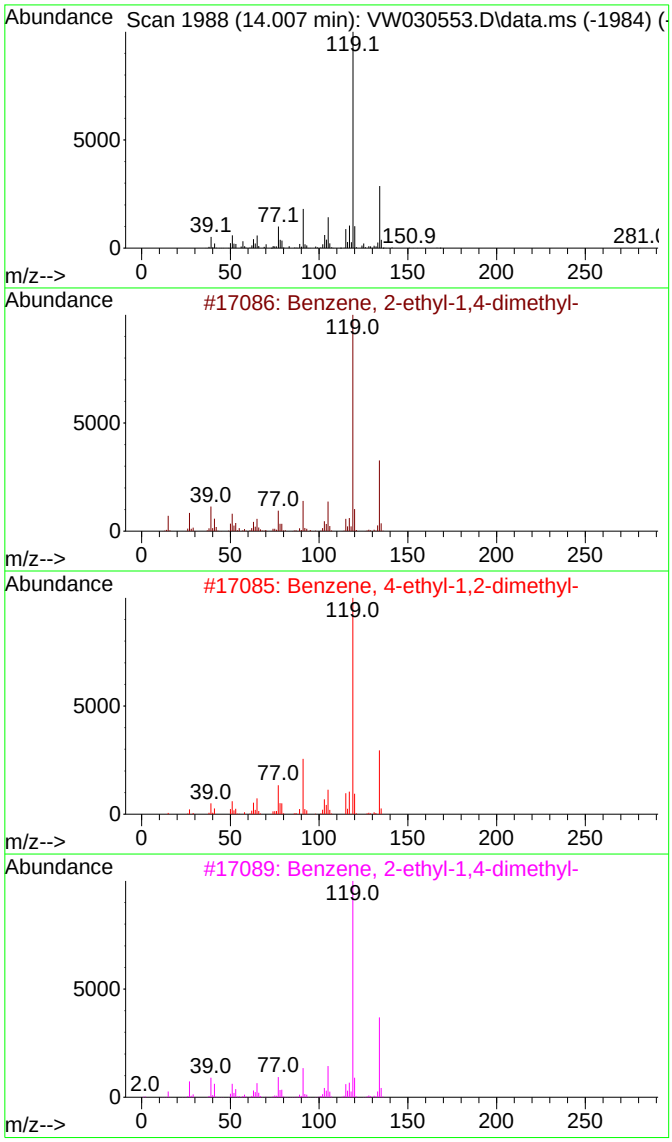
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

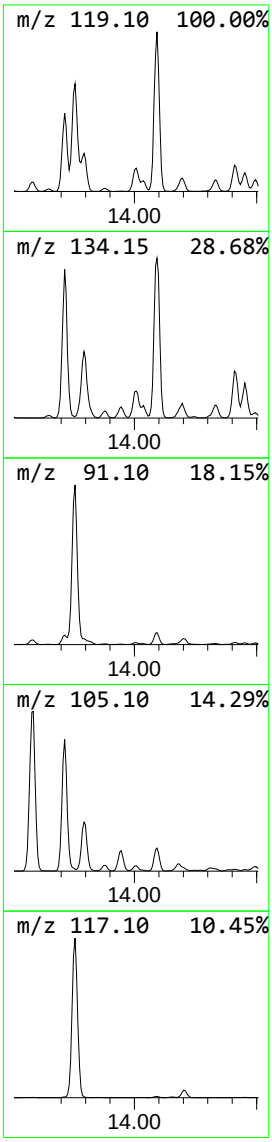
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.007	3.36 ug/L	352094	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
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	o-Cymene	134	C10H14	000527-84-4	95
5	p-Cymene	134	C10H14	000099-87-6	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

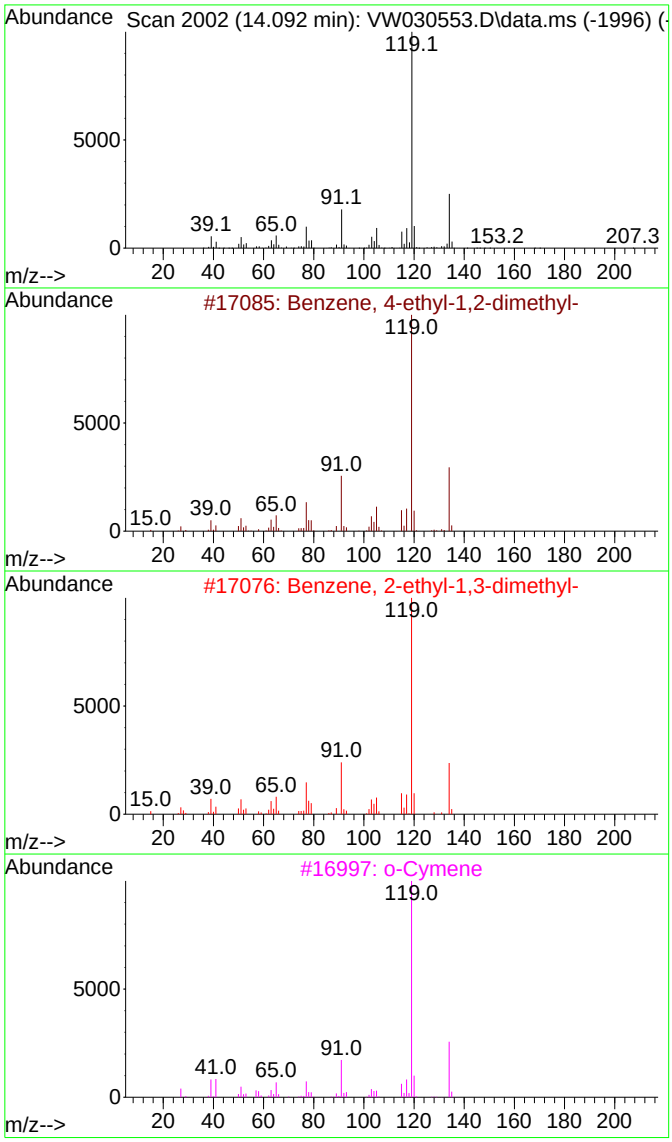
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

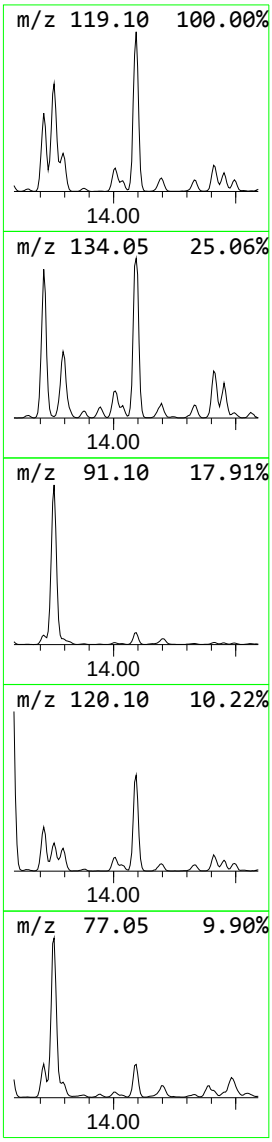
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	24.47 ug/L	2565710	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	p-Cymene	134	C10H14	000099-87-6	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

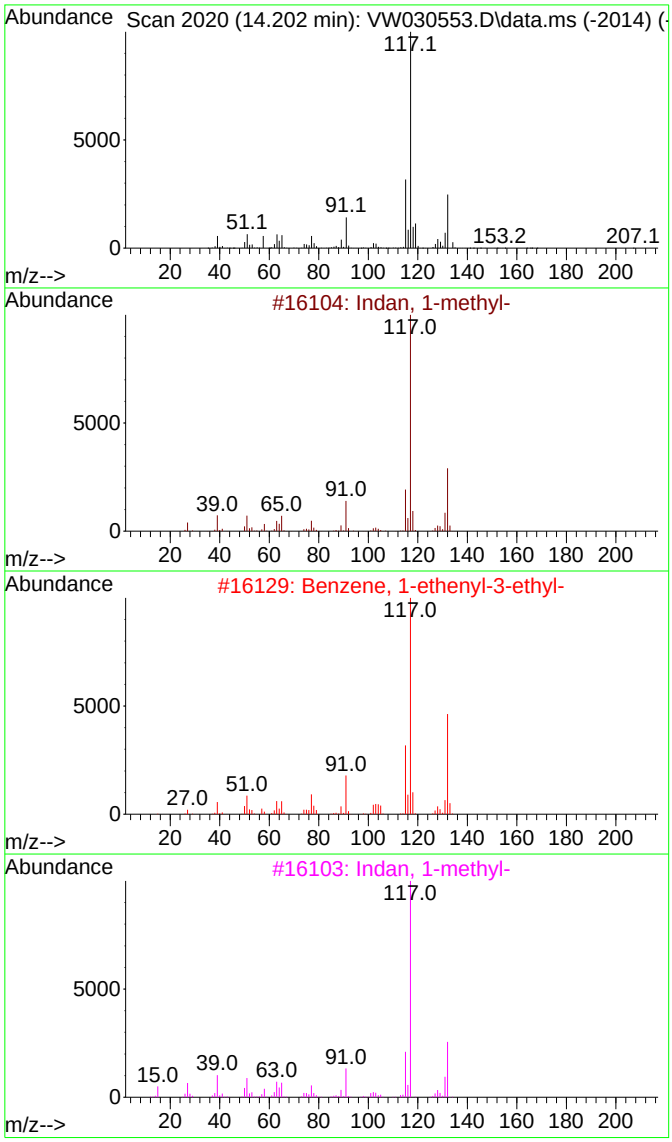
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

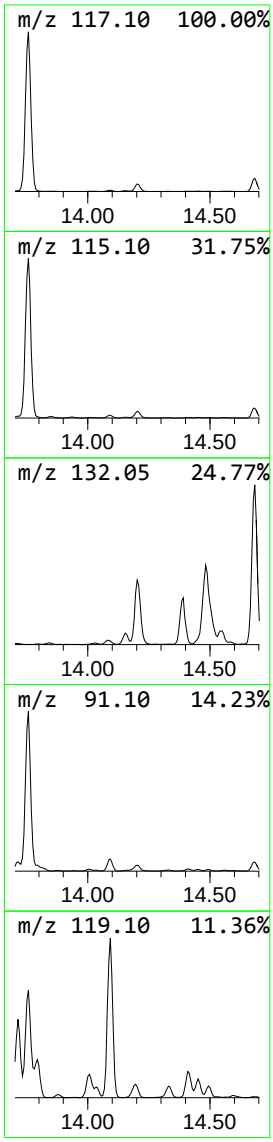
****

Peak Number 36 Indan, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.202	16.71 ug/L	1752700	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	80
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

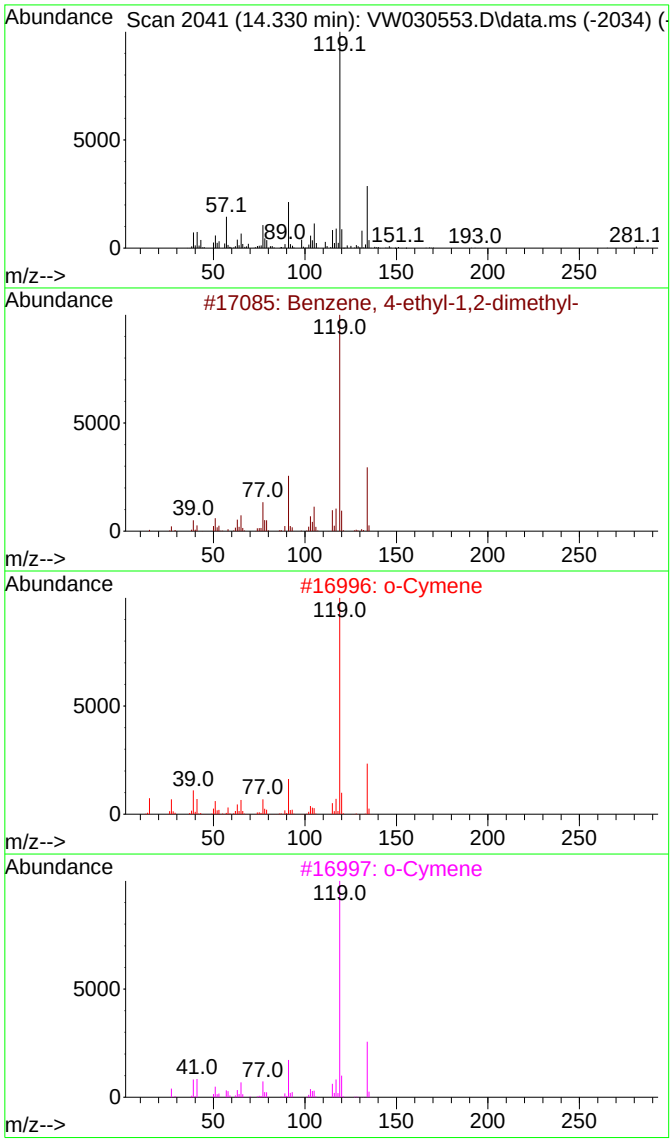
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

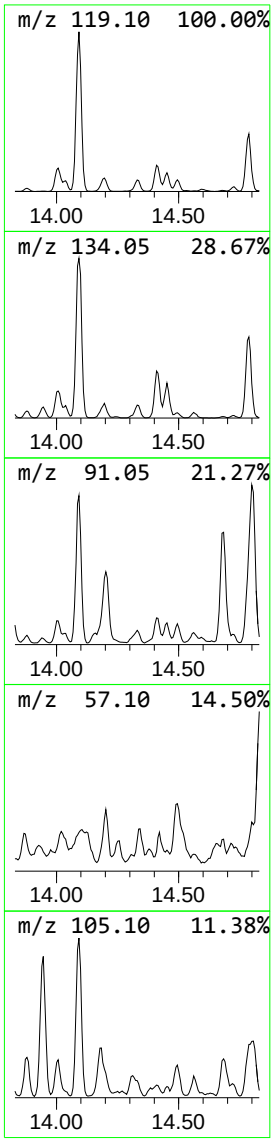
****

Peak Number 37 o-Cymene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.330	3.35 ug/L	350920	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	p-Cymene	134	C10H14	000099-87-6	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

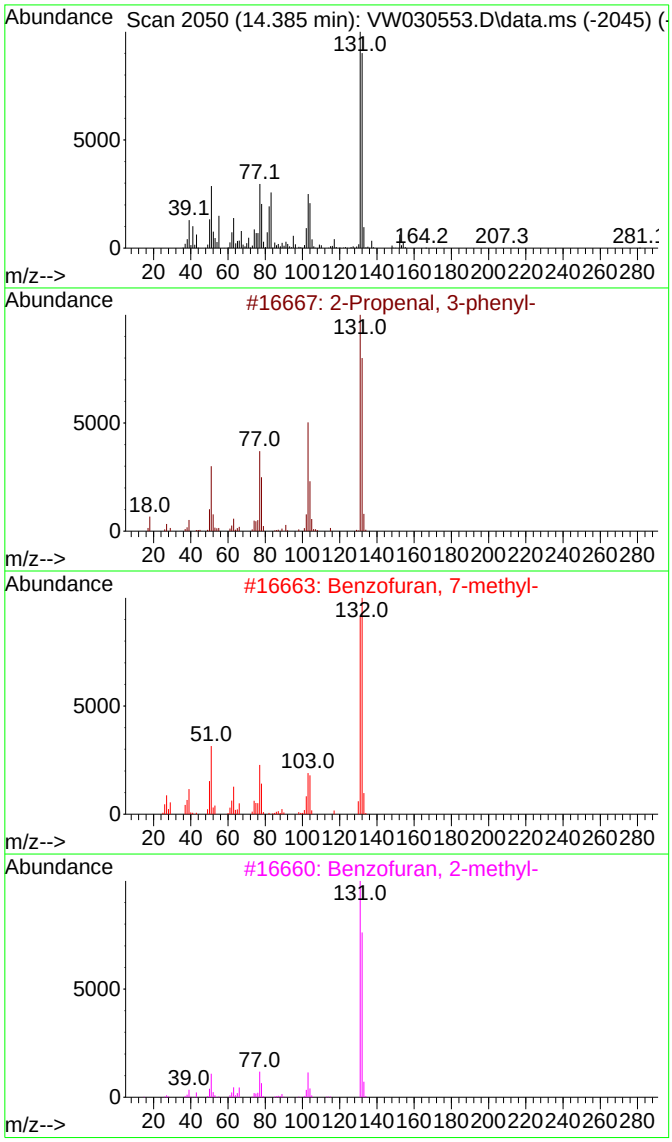
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

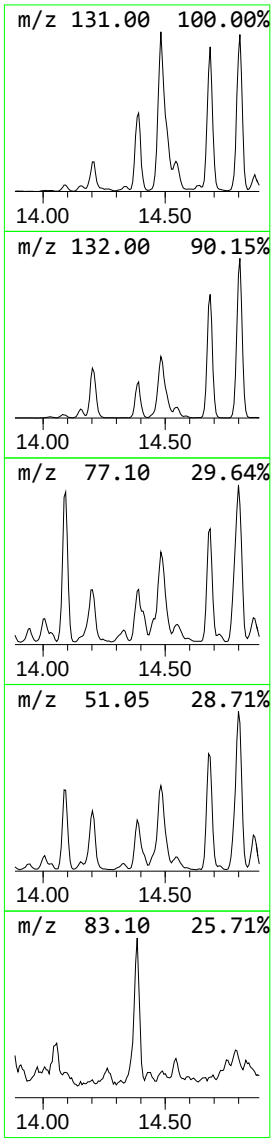
****

Peak Number 38 2-Propenal, 3-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.385	6.92 ug/L	725502	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

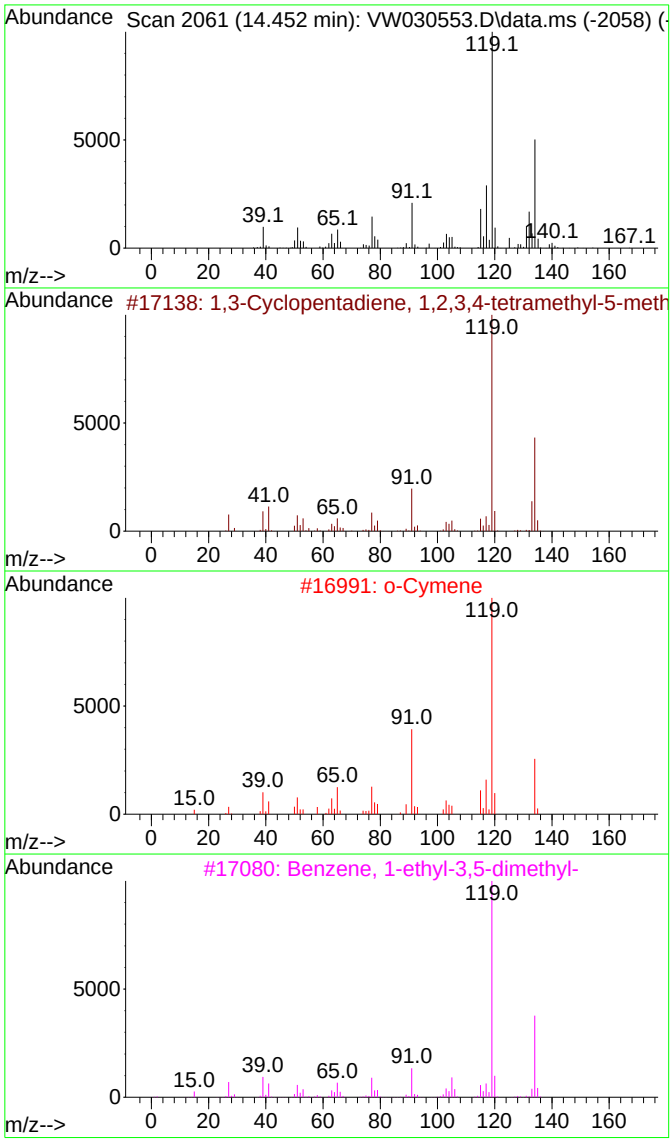
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

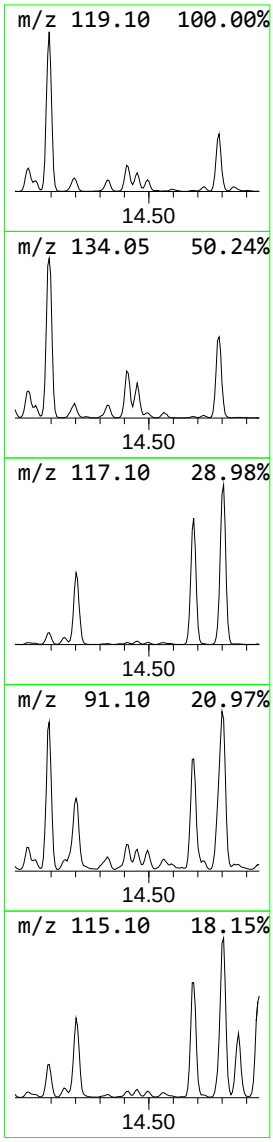
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	2.95 ug/L	309536	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76
2	o-Cymene	134	C10H14	000527-84-4	76
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

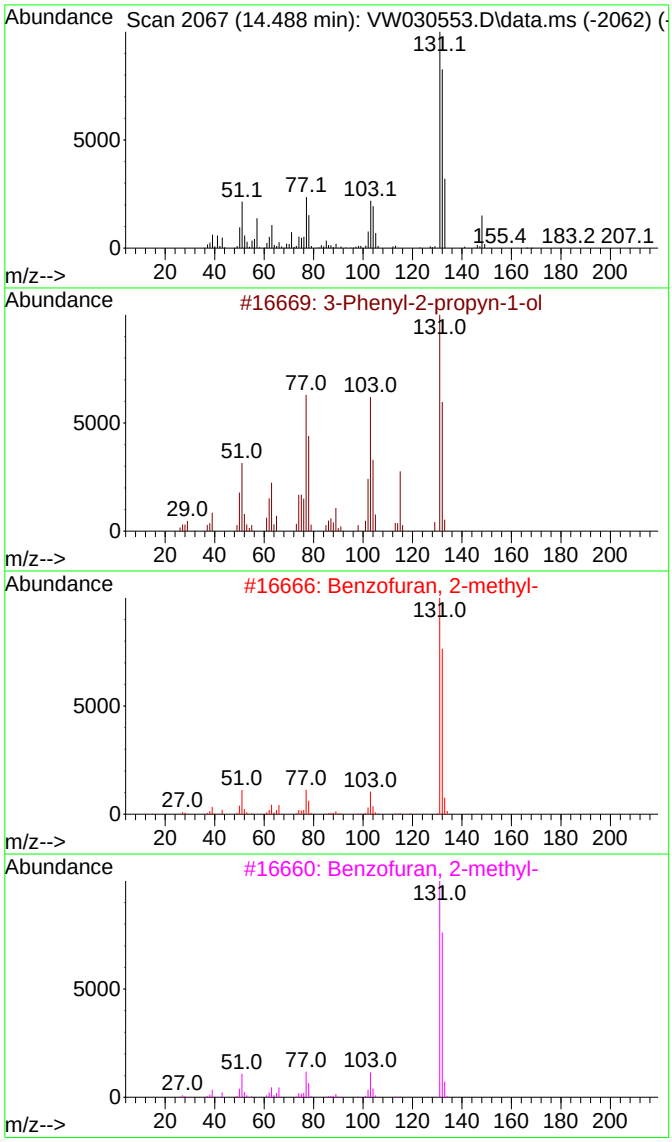
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

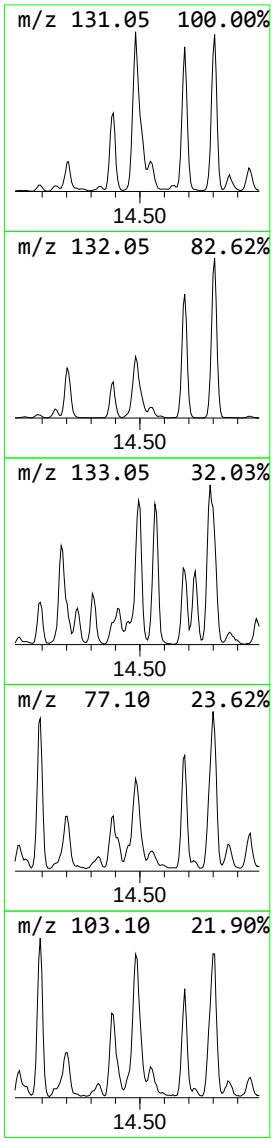
****

Peak Number 40 3-Phenyl-2-propyn-1-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.488	14.41 ug/L	1511080	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	81
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

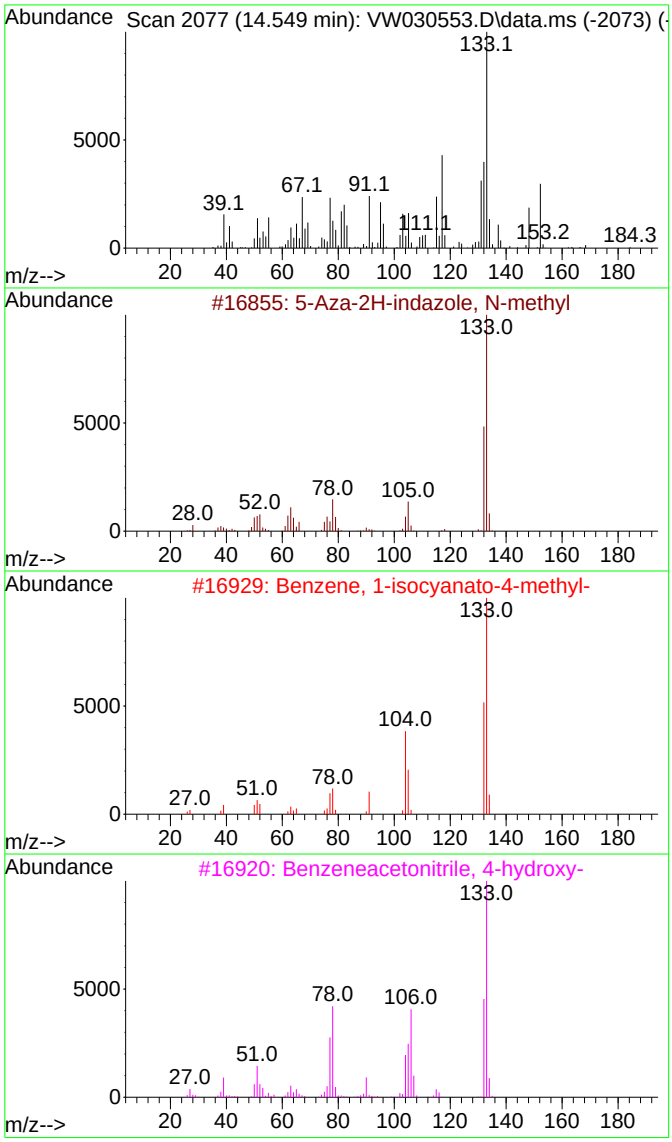
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

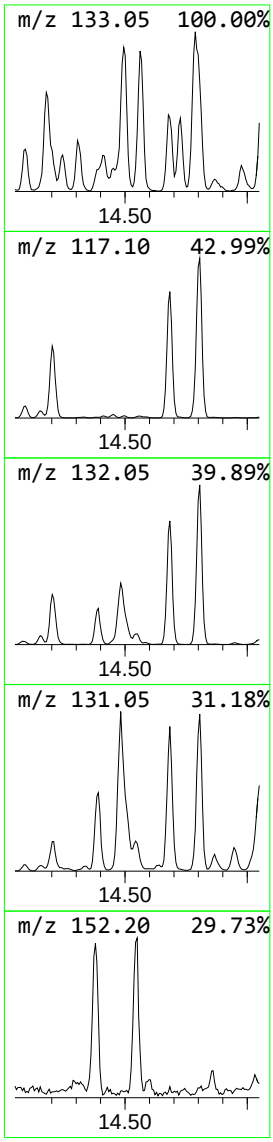
****

Peak Number 41 unknown-02 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.549	3.05 ug/L	319871	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aza-2H-indazole, N-methyl	133	C7H7N3	1010508-64-4	41
2	Benzene, 1-isocyanato-4-methyl-	133	C8H7NO	000622-58-2	38
3	Benzeneacetonitrile, 4-hydroxy-	133	C8H7NO	014191-95-8	38
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	38
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

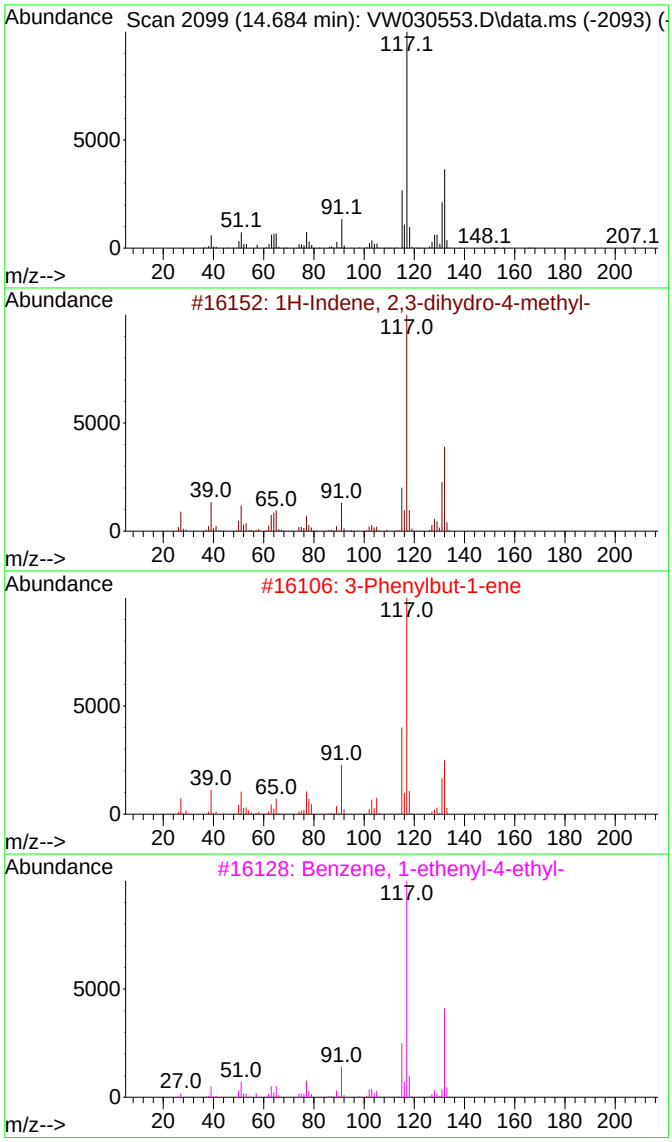
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

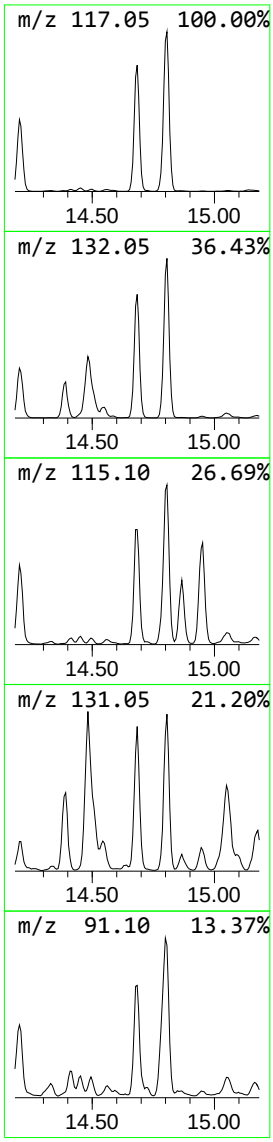
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	29.46 ug/L	3089560	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

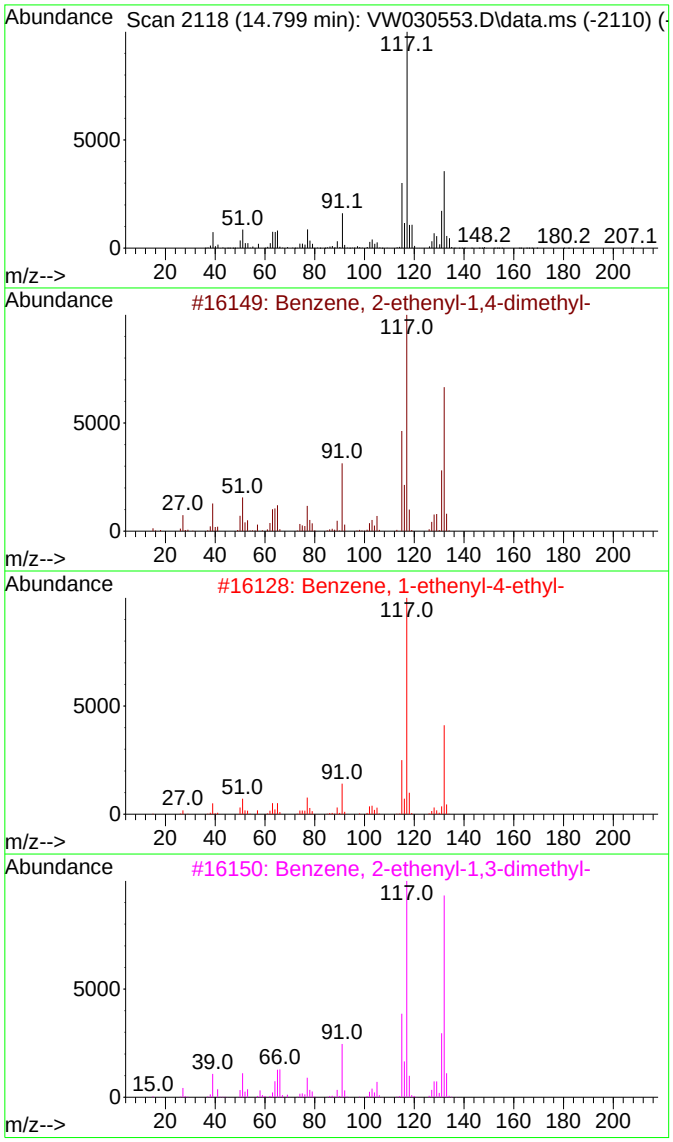
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

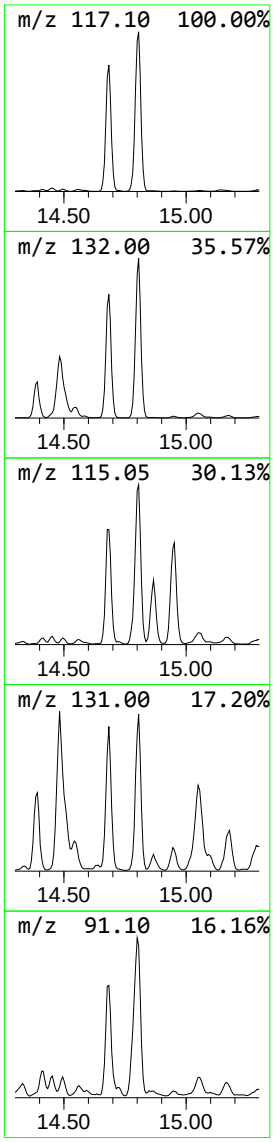
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.799	52.13 ug/L	5466860	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

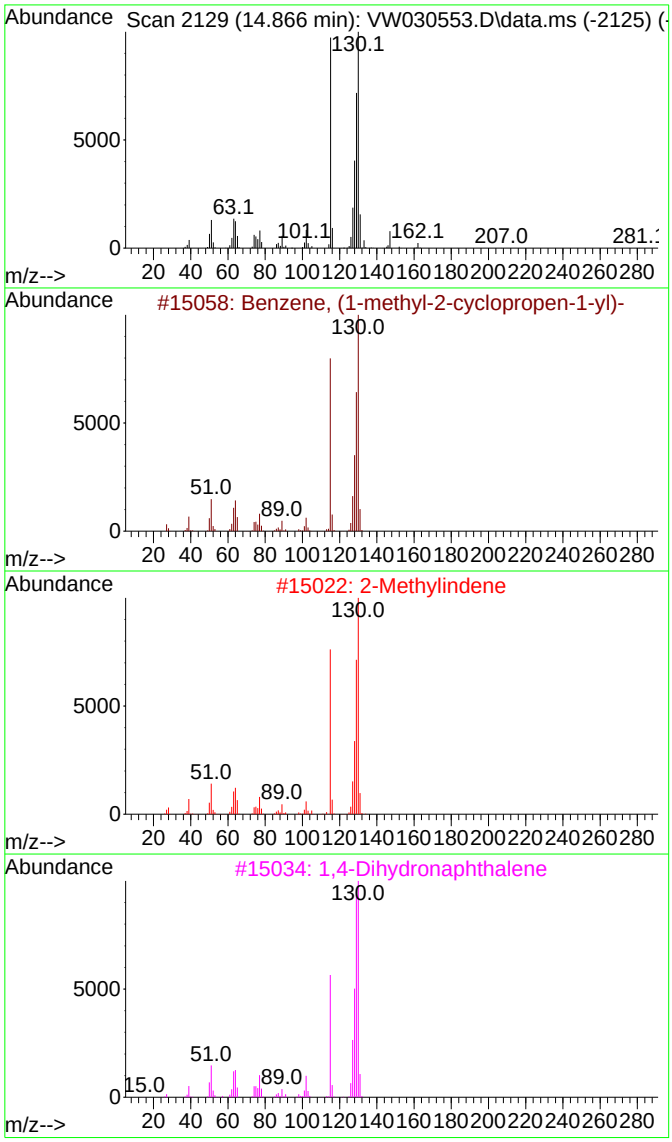
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

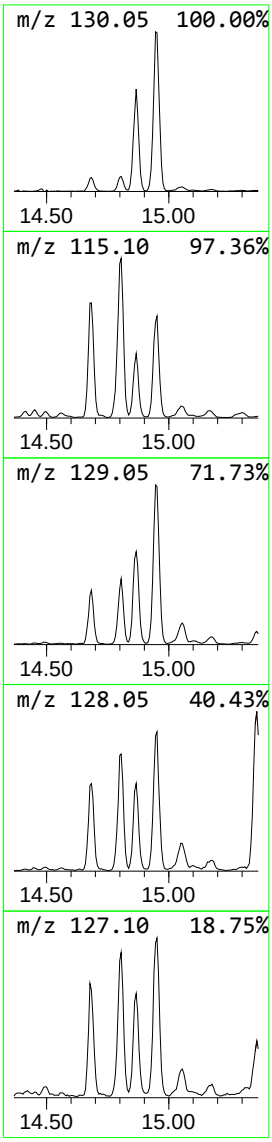
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzene, (1-methyl-2-cyclop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.866	7.69 ug/L	806539	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2	2-Methylindene	130	C10H10	002177-47-1	96
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

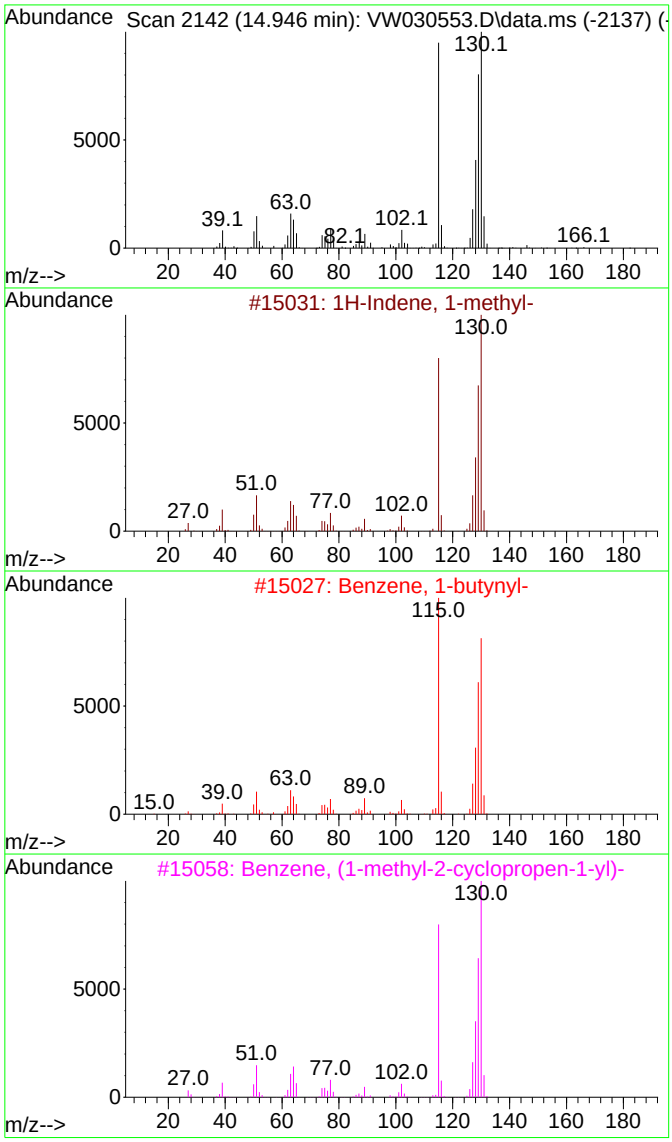
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

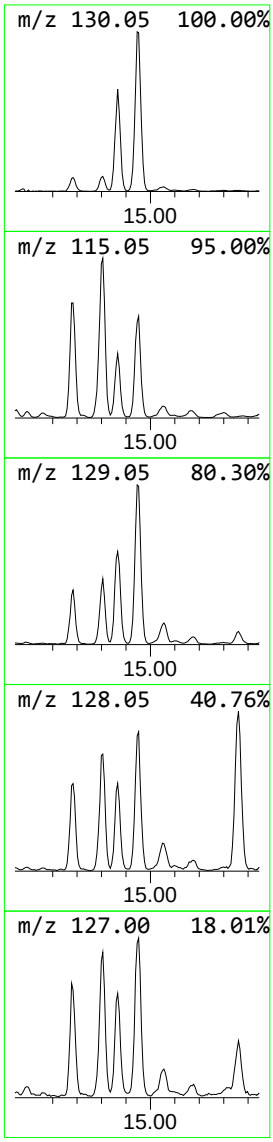
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 1H-Indene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.946	12.67 ug/L	1328950	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
4	2-Methylindene	130	C10H10	002177-47-1	95
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

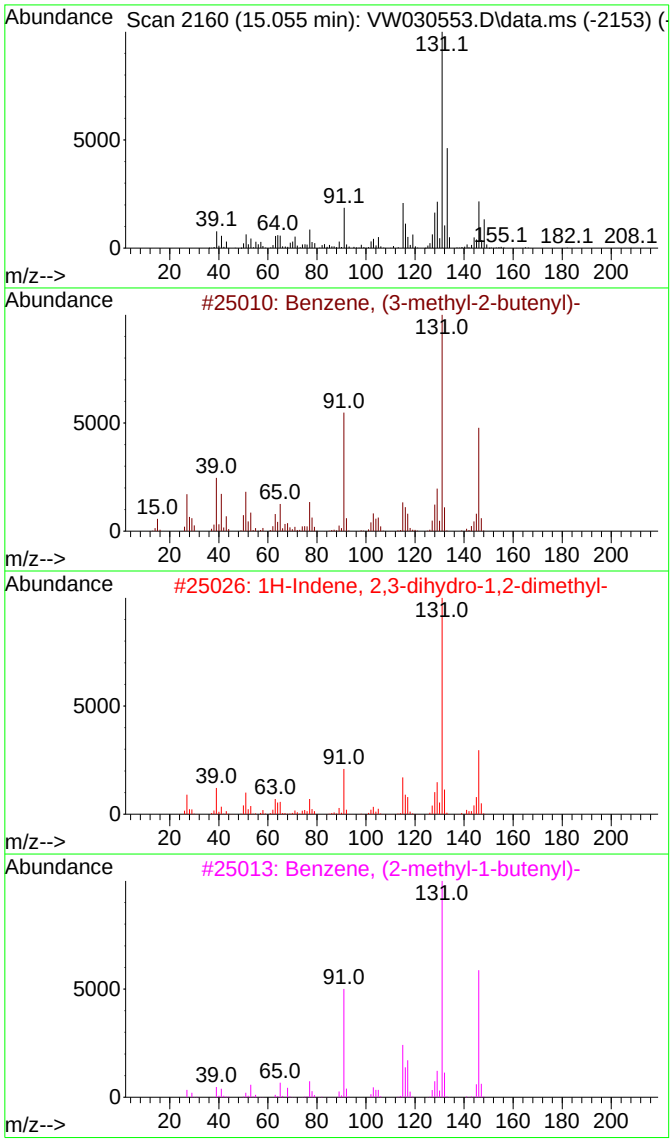
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

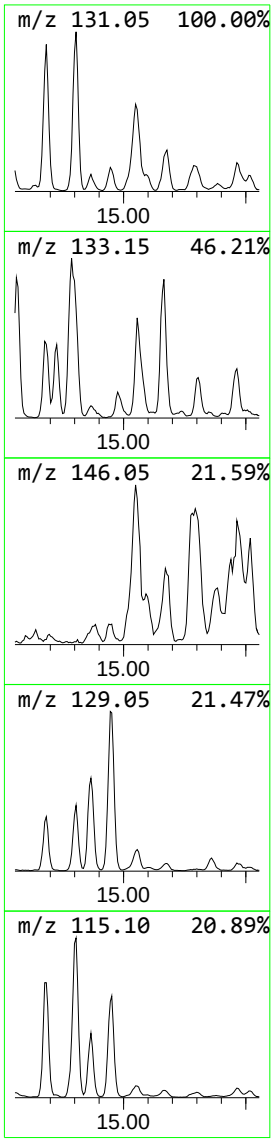
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benzene, (3-methyl-2-butenyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.055	5.77 ug/L	605192	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	64
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

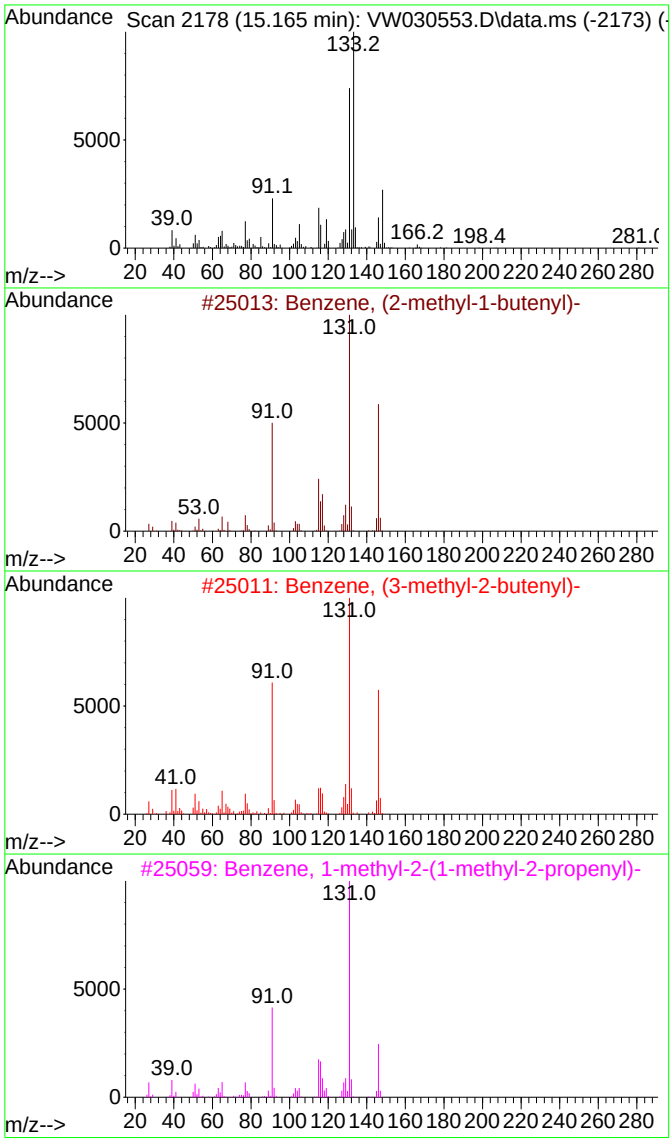
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

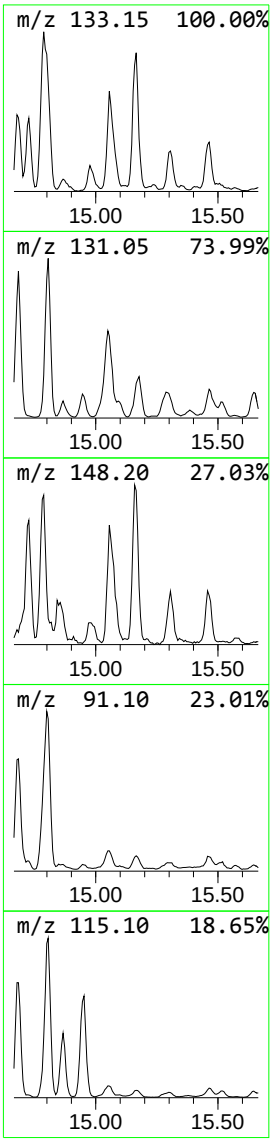
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benzene, (2-methyl-1-butenyl)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.165	4.03 ug/L	422892	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	86
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83
3	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	50
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	50
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

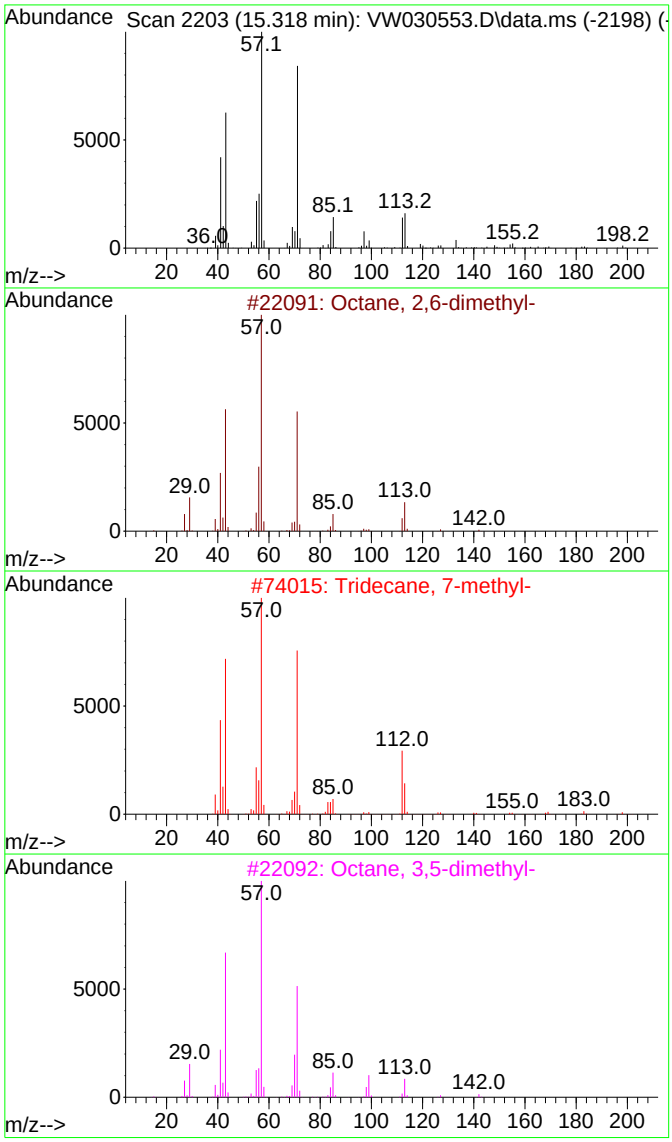
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

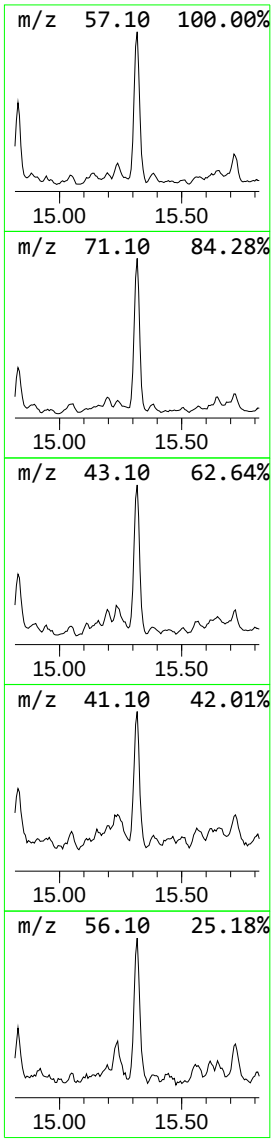
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	5.30 ug/L	555838	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Tridecane, 7-methyl-	198	C14H30	026730-14-3	68
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
4	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

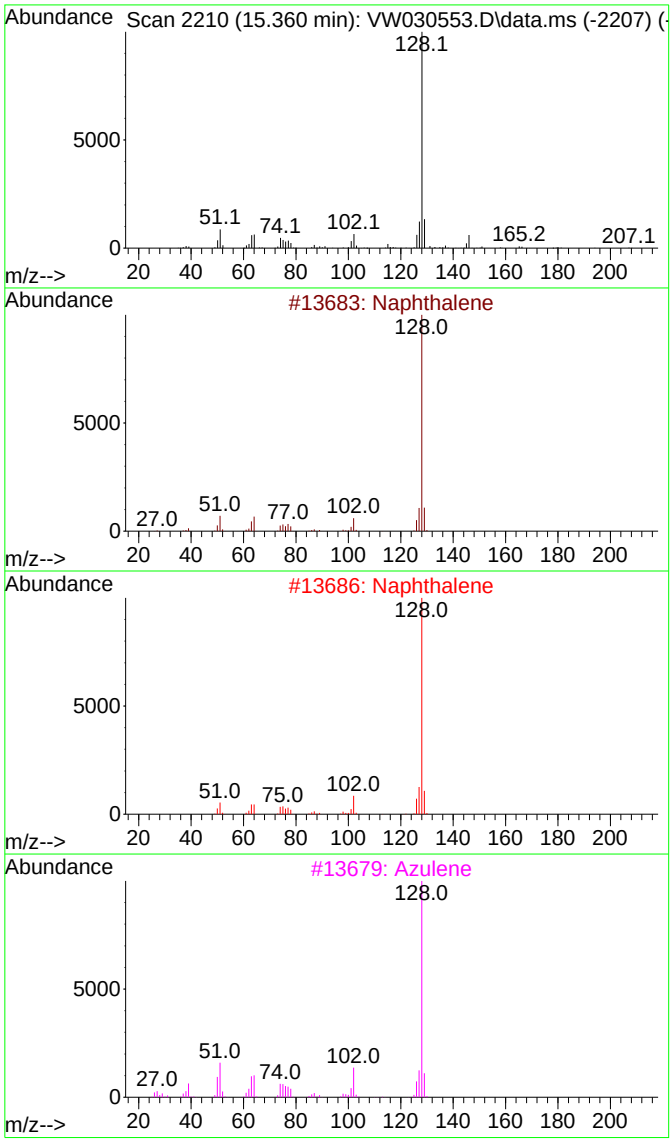
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

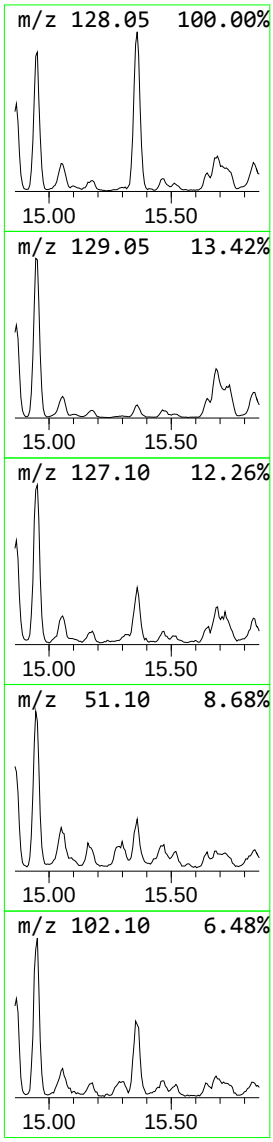
****

Peak Number 49 Azulene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.360	2.76 ug/L	289795	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	94
2	Naphthalene	128	C10H8	000091-20-3	93
3	Azulene	128	C10H8	000275-51-4	90
4	Azulene	128	C10H8	000275-51-4	87
5	Naphthalene	128	C10H8	000091-20-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

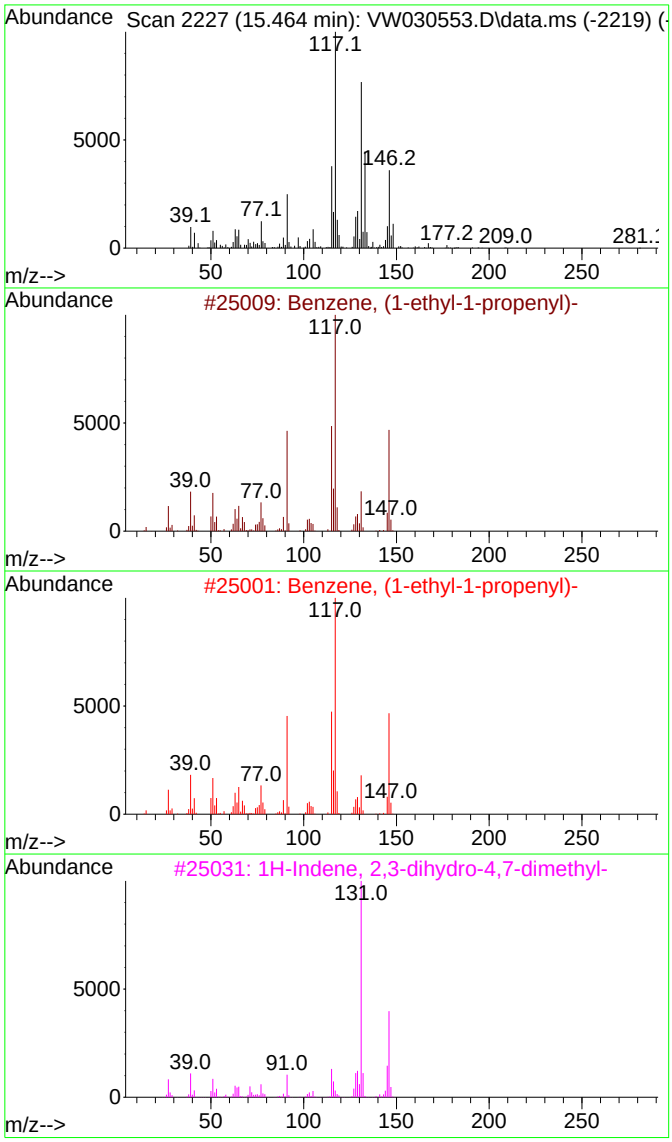
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

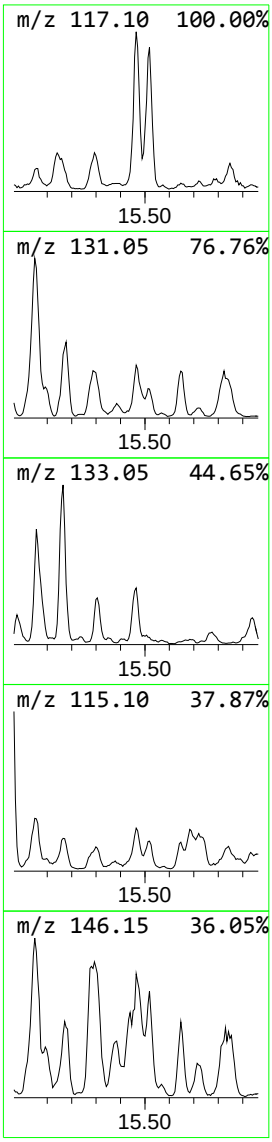
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Benzene, (1-ethyl-1-propenyl)- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.464	4.01 ug/L	420494	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	86
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	86
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

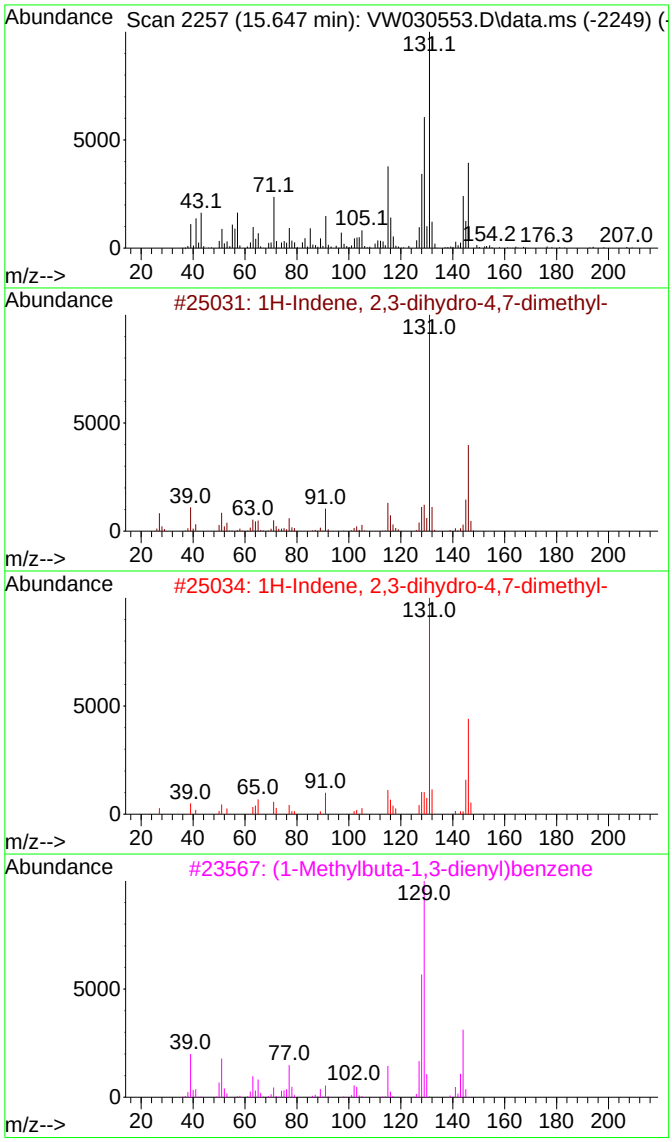
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

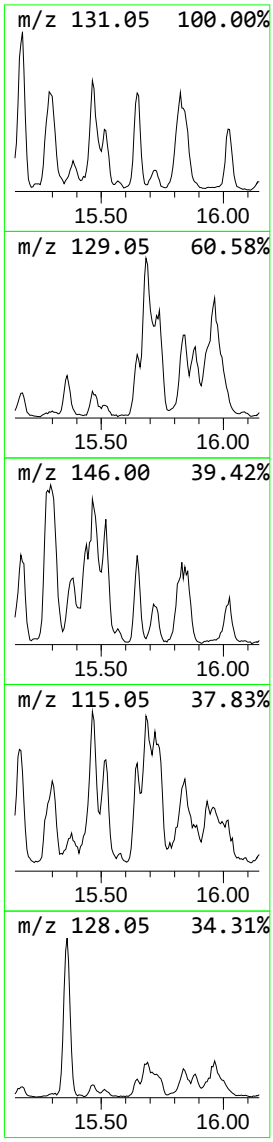
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.647	3.27 ug/L	342798	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	58
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	58
3	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	56
4	Ethyl-2-benzofuran	146	C10H10O	003131-63-3	55
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

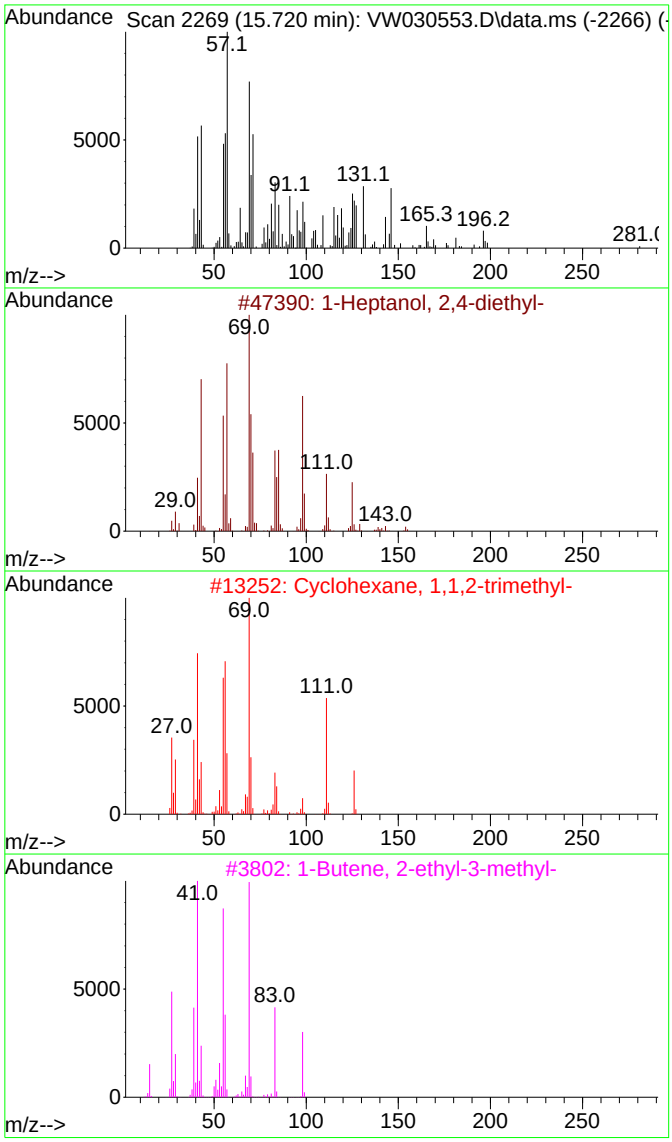
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

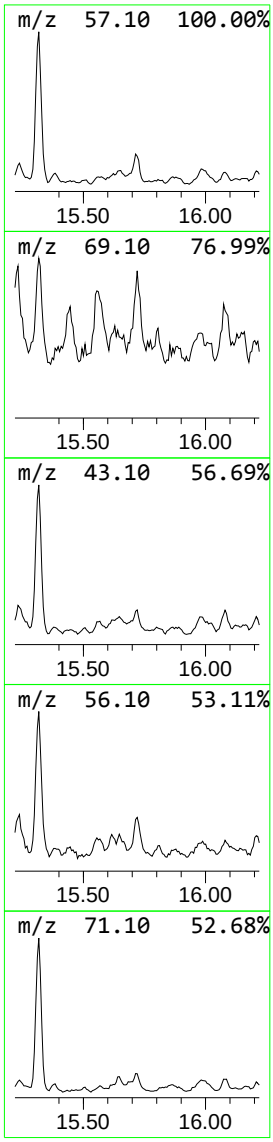
****

Peak Number 52 unknown-03 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	4.01 ug/L	420077	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptanol, 2,4-diethyl-	172	C11H24O	080192-55-8	38
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	35
3	1-Butene, 2-ethyl-3-methyl-	98	C7H14	007357-93-9	30
4	Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	27
5	(Z)-4-Methyl-2-hexene	98	C7H14	003683-19-0	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

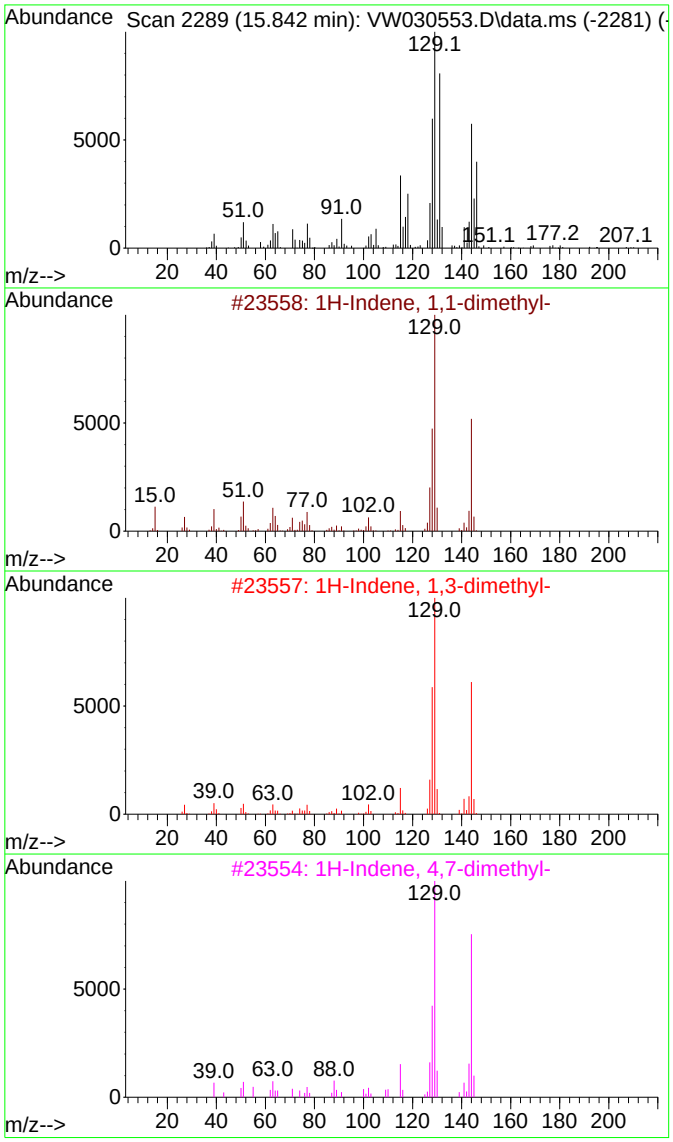
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

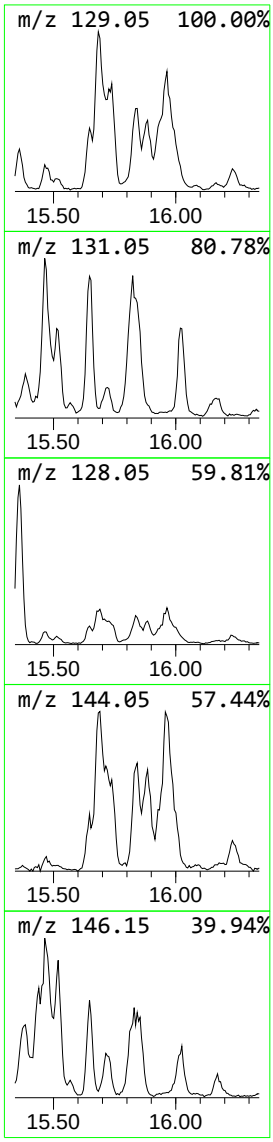
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 1H-Indene, 1,1-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.842	2.86 ug/L	300054	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	89
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	55
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	55
4	Benzene, (1-methyl-2-butynyl)-	144	C11H12	087712-69-4	50
5	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

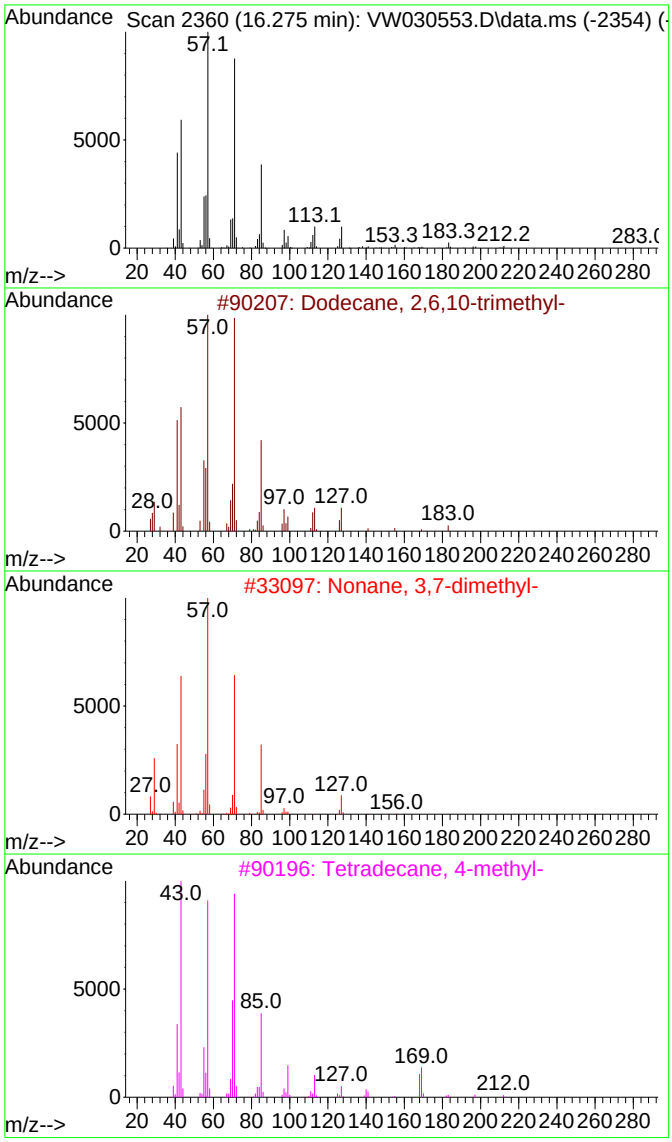
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

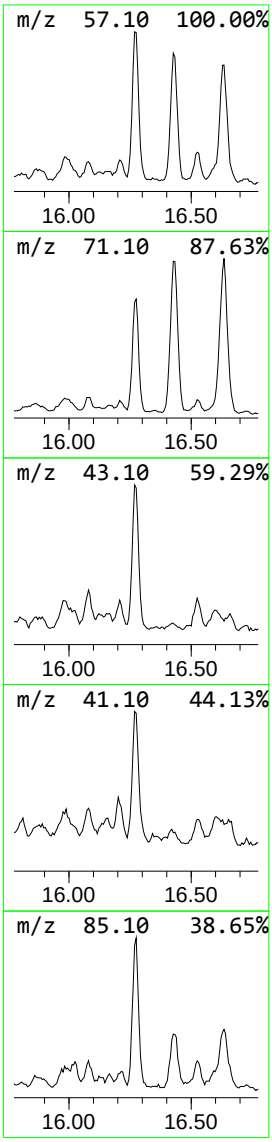
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	5.25 ug/L	550718	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	90
3	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	80
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

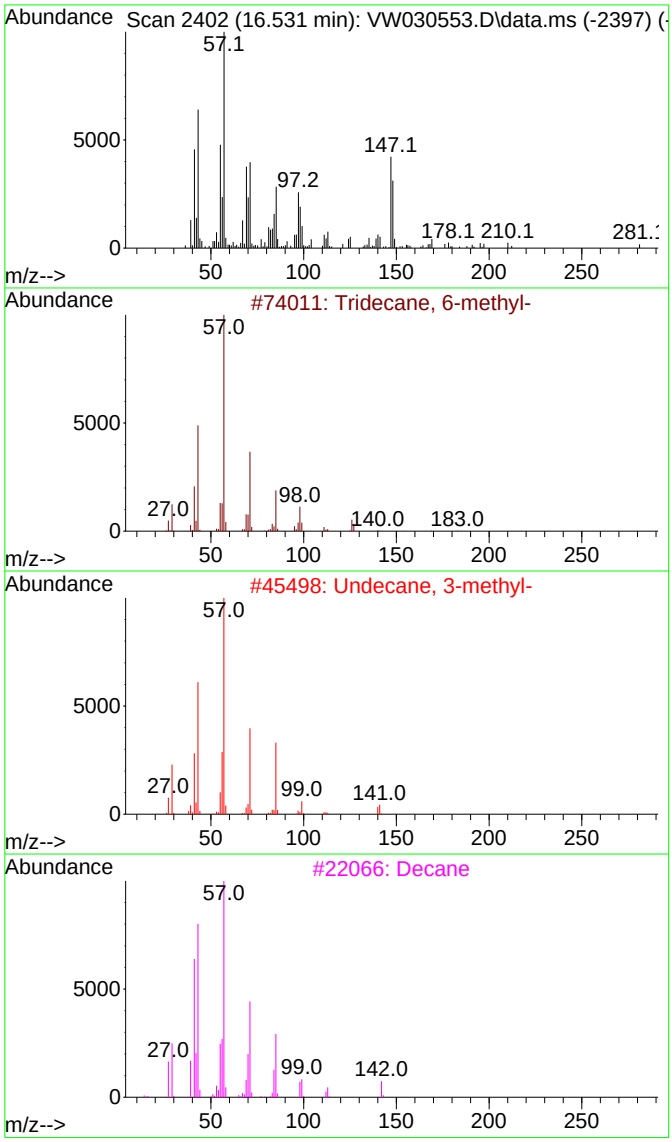
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

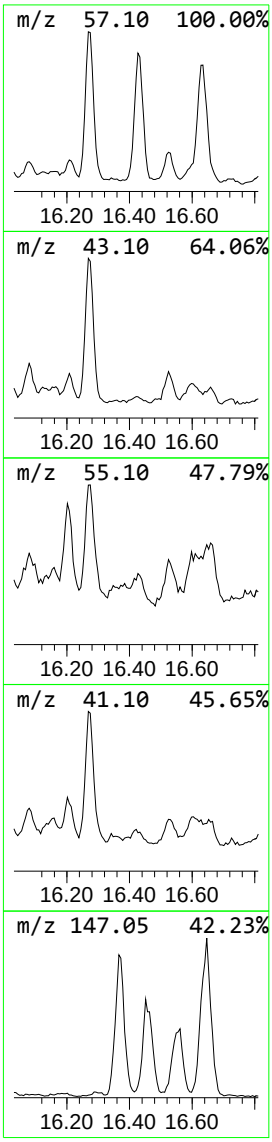
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.531	1.70 ug/L	178083	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	46
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	38
3	Decane	142	C10H22	000124-18-5	38
4	Undecane	156	C11H24	001120-21-4	38
5	Undecane	156	C11H24	001120-21-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
Data File : VW030553.D
Acq On : 11 Oct 2024 16:50
Operator : SY/MD
Sample : P4350-01
Misc : 3.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAK8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.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: C...	6.990	2.6	ug/L	89716	1	8.843	875788	25.0
(DEL) Alkane: S...	8.032	1.3	ug/L	45807	1	8.843	875788	25.0
Cyclohexene	8.453	2.6	ug/L	92375	1	8.843	875788	25.0
(DEL) Alkane: C...	8.575	2.5	ug/L	87245	1	8.843	875788	25.0
(DEL) Alkane: S...	8.697	3.3	ug/L	114328	1	8.843	875788	25.0
(DEL) Alkane: C...	9.520	2.7	ug/L	95107	1	8.843	875788	25.0
Cyclohexane, me...	9.758	2.2	ug/L	76933	1	8.843	875788	25.0
Cyclobutane, (1...	9.849	5.1	ug/L	178957	1	8.843	875788	25.0
1-Ethylcyclopen...	9.910	2.4	ug/L	82525	1	8.843	875788	25.0
(DEL) Alkane: S...	9.953	2.4	ug/L	83903	1	8.843	875788	25.0
Cyclohexene, 1-...	10.203	5.4	ug/L	188117	1	8.843	875788	25.0
(DEL) Alkane: S...	10.508	4.9	ug/L	175803	2	11.629	902141	25.0
(DEL) Alkane: C...	10.666	2.0	ug/L	71248	2	11.629	902141	25.0
5,5-Dimethyl-1,...	10.739	4.5	ug/L	160505	2	11.629	902141	25.0
(DEL) Alkane: C...	11.178	1.4	ug/L	50595	2	11.629	902141	25.0
(DEL) Alkane: C...	11.227	3.5	ug/L	124405	2	11.629	902141	25.0
(DEL) Alkane: S...	11.337	2.1	ug/L	77762	2	11.629	902141	25.0
unknown-01	11.434	2.4	ug/L	84996	2	11.629	902141	25.0
(DEL) Alkane: S...	12.245	5.2	ug/L	186492	2	11.629	902141	25.0
(DEL) Alkane: S...	12.361	13.5	ug/L	487487	2	11.629	902141	25.0
Benzene, propyl-	12.800	5.6	ug/L	583913	3	13.556	2621770	25.0
Benzene, 1-ethy...	13.099	8.8	ug/L	926153	3	13.556	2621770	25.0
(DEL) Alkane: C...	13.440	1.8	ug/L	189665	3	13.556	2621770	25.0
Benzene, 1,3-di...	13.714	22.0	ug/L	2308430	3	13.556	2621770	25.0
Indane	13.757	376.7	ug/L	39508600	3	13.556	2621770	25.0
Benzene, 2-ethy...	14.007	3.4	ug/L	352094	3	13.556	2621770	25.0
Benzene, 4-ethy...	14.092	24.5	ug/L	2565710	3	13.556	2621770	25.0
Indan, 1-methyl-	14.202	16.7	ug/L	1752700	3	13.556	2621770	25.0
o-Cymene	14.330	3.4	ug/L	350920	3	13.556	2621770	25.0
2-Propenal, 3-p...	14.385	6.9	ug/L	725502	3	13.556	2621770	25.0
1,3-Cyclopentad...	14.452	3.0	ug/L	309536	3	13.556	2621770	25.0
3-Phenyl-2-prop...	14.488	14.4	ug/L	1511080	3	13.556	2621770	25.0
unknown-02	14.549	3.0	ug/L	319871	3	13.556	2621770	25.0
1H-Indene, 2,3-...	14.684	29.5	ug/L	3089560	3	13.556	2621770	25.0
Benzene, 2-ethe...	14.799	52.1	ug/L	5466860	3	13.556	2621770	25.0
Benzene, (1-met...	14.866	7.7	ug/L	806539	3	13.556	2621770	25.0
1H-Indene, 1-me...	14.946	12.7	ug/L	1328950	3	13.556	2621770	25.0
Benzene, (3-met...	15.055	5.8	ug/L	605192	3	13.556	2621770	25.0
Benzene, (2-met...	15.165	4.0	ug/L	422892	3	13.556	2621770	25.0
(DEL) Alkane: S...	15.318	5.3	ug/L	555838	3	13.556	2621770	25.0
Azulene	15.360	2.8	ug/L	289795	3	13.556	2621770	25.0
Benzene, (1-eth...	15.464	4.0	ug/L	420494	3	13.556	2621770	25.0
1H-Indene, 2,3-...	15.647	3.3	ug/L	342798	3	13.556	2621770	25.0
unknown-03	15.720	4.0	ug/L	420077	3	13.556	2621770	25.0
1H-Indene, 1,1-...	15.842	2.9	ug/L	300054	3	13.556	2621770	25.0
(DEL) Alkane: S...	16.275	5.3	ug/L	550718	3	13.556	2621770	25.0
(DEL) Alkane: S...	16.531	1.7	ug/L	178083	3	13.556	2621770	25.0