LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

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\SFAMWLM081023SMA.M
Title : SFAM01.0

Signal : TIC: VW026938.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.235	50	57	60	rBV9	7293	20105	2.58%	0.142%
2	2.351	72	76	81	rVB2	20426	32326	4.14%	0.228%
3	3.198	213	215	218	rBV4	2519	2517	0.32%	0.018%
4	3.387	236	246	256	rBV4	11021	28062	3.60%	0.198%
5	4.015	338	349	360	rVB3	32300	95323	12.22%	0.672%
6	4.118	360	366	374	rBV2	11360	32818	4.21%	0.231%
7	4.381	402	409	416	rVB	18676	48776	6.25%	0.344%
8	4.746	465	469	471	rBV4	1724	2646	0.34%	0.019%
9	4.789	473	476	481	rVB7	2545	3888	0.50%	0.027%
10	4.923	486	498	500	rBV3	14635	43606	5.59%	0.307%
11	5.173	535	539	541	rBV4	1723	2388	0.31%	0.017%
12	5.435	572	582	591	rVV3	12990	44138	5.66%	0.311%
13	5.746	626	633	635	rBV8	3010	7698	0.99%	0.054%
14	5.947	652	666	673	rBV6	12396	43475	5.57%	0.306%
15	6.191	702	706	709	rBV6	2183	3482	0.45%	0.025%
16	6.234	709	713	715	rVV4	2695	3566	0.46%	0.025%
17	6.277	717	720	722	rVV4	2977	3598	0.46%	0.025%
18	6.411	739	742	746	rVV6	1824	3242	0.42%	0.023%
19	6.447	746	748	752	rVV5	1599	2326	0.30%	0.016%
20	6.496	755	756	762	rVB6	2387	2340	0.30%	0.016%
21	6.813	805	808	811	rVB5	2065	2957	0.38%	0.021%
22	6.874	814	818	819	rVV4	2153	2749	0.35%	0.019%
23	6.996	828	838	844	rBV10	6950	21767	2.79%	0.153%
24	7.081	844	852	861	rBV	12743	38149	4.89%	0.269%
25	7.648	937	945	955	rBV	60946	154903	19.86%	1.091%
26	7.837	971	976	977	rBV5	2782	3416	0.44%	0.024%
27	7.923	984	990	1001	rBV5	14253	52548	6.74%	0.370%
28	8.032	1002	1008	1017	rVB6	10567	30036	3.85%	0.212%
29	8.154	1022	1028	1034	rBV2	26036	53939	6.92%	0.380%
30	8.276	1040	1048	1062	rVB2	100973	325277	41.70%	2.291%
31	8.429	1066	1073	1081	rVB10	7664	19348	2.48%	0.136%
32	8.514	1081	1087	1089	rBV7	5270	10043	1.29%	0.071%
33	8.569	1093	1096	1105	rVB10	9102	23536	3.02%	0.166%
34	8.697	1108	1117	1122	rBV2	18059	42645	5.47%	0.300%
35	8.843	1131	1141	1151	rVV	106141	222350	28.51%	1.566%
36	8.996	1164	1166	1170	rVB4	3230	3804	0.49%	0.027%

LSC Area Percent Report

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Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EZYK4RE

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\SFAMWLM081023SMA.M
Title : SFAM01.0

37	9.081	1175	1180	1183	rVV7	3310	5302	0.68%	0.037%
38	9.276	1204	1212	1217	rBV	81229	182824	23.44%	1.288%
39	9.331	1217	1221	1228	rVB2	47751	95786	12.28%	0.675%
40	9.520	1243	1252	1258	rVB9	9717	21829	2.80%	0.154%
41	9.611	1258	1267	1274	rBV6	10203	25568	3.28%	0.180%
42	9.746	1284	1289	1294	rBV3	15771	29174	3.74%	0.206%
43	9.800	1296	1298	1302	rBV5	2588	3614	0.46%	0.025%
44	9.855	1304	1307	1310	rBV5	2730	3687	0.47%	0.026%
45	9.892	1311	1313	1317	rBV4	5828	7518	0.96%	0.053%
46	9.953	1317	1323	1327	rBV2	23641	46399	5.95%	0.327%
47	10.038	1332	1337	1341	rVV2	33559	65590	8.41%	0.462%
48	10.093	1341	1346	1359	rVB4	33642	91559	11.74%	0.645%
49	10.215	1359	1366	1369	rBV8	4153	10618	1.36%	0.075%
50	10.325	1377	1384	1394	rBV	162533	332853	42.67%	2.345%
51	10.441	1400	1403	1406	rBV4	4476	6682	0.86%	0.047%
52	10.501	1406	1413	1419	rVB5	44794	95776	12.28%	0.675%
53	10.575	1419	1425	1429	rBV2	25592	48743	6.25%	0.343%
54	10.666	1435	1440	1448	rVB	38723	73372	9.41%	0.517%
55	10.764	1450	1456	1461	rBV6	17803	38331	4.91%	0.270%
56	10.843	1466	1469	1474	rVB4	11734	19322	2.48%	0.136%
57	10.928	1474	1483	1491	rBV2	53228	111250	14.26%	0.784%
58	10.989	1491	1493	1495	rBV3	3339	3404	0.44%	0.024%
59	11.032	1495	1500	1508	rBV2	16630	39635	5.08%	0.279%
60	11.105	1509	1512	1515	rBV3	13111	18310	2.35%	0.129%
61	11.178	1520	1524	1528	rVV	66971	112400	14.41%	0.792%
62	11.227	1528	1532	1537	rVV2	76364	133643	17.13%	0.941%
63	11.282	1538	1541	1545	rVV5	17140	28555	3.66%	0.201%
64	11.337	1545	1550	1554	rVV2	34083	61311	7.86%	0.432%
65	11.404	1554	1561	1573	rVB4	62864	214447	27.49%	1.511%
66	11.513	1573	1579	1583	rBV	69966	119320	15.30%	0.841%
67	11.629	1592	1598	1608	rBV2	142800	410408	52.62%	2.891%
68	11.727	1609	1614	1619	rBV	113208	195683	25.09%	1.379%
69	11.812	1623	1628	1629	rBV3	25873	41870	5.37%	0.295%
70	11.873	1635	1638	1642	rVB2	48262	63695	8.17%	0.449%
71	11.971	1649	1654	1657	rBV4	12862	25343	3.25%	0.179%
72	12.135	1674	1681	1688	rBV4	108833	261790	33.56%	1.844%
73	12.251	1696	1700	1704	rVB	114168	170765	21.89%	1.203%
74	12.361	1704	1718	1726	rBV5	218829	779992	100.00%	5.495%
75	12.465	1730	1735	1738	rBV3	94409	183477	23.52%	1.293%
76	12.617	1755	1760	1762	rBV2	38675	63365	8.12%	0.446%

LSC Area Percent Report

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Sample : 04175-10RE
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

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\SFAMWLM081023SMA.M
Title : SFAM01.0

77	12.647	1762	1765	1768	rVV	76978	97832	12.54%	0.689%
78	12.690	1768	1772	1782	rVV5	97687	212256	27.21%	1.495%
79	12.775	1782	1786	1793	rVB3	125741	243306	31.19%	1.714%
80	12.873	1794	1802	1806	rBV2	282173	535753	68.69%	3.774%
81	12.934	1806	1812	1818	rVV5	155310	377220	48.36%	2.657%
82	13.074	1831	1835	1838	rBV2	95428	146199	18.74%	1.030%
83	13.160	1845	1849	1856	rVB	386128	533399	68.39%	3.758%
84	13.245	1859	1863	1867	rBV	226874	335547	43.02%	2.364%
85	13.342	1875	1879	1881	rBV2	93202	133486	17.11%	0.940%
86	13.440	1889	1895	1899	rBV3	337505	665695	85.35%	4.690%
87	13.483	1899	1902	1905	rVV	235170	330417	42.36%	2.328%
88	13.513	1905	1907	1910	rVV	148498	181301	23.24%	1.277%
89	13.550	1911	1913	1916	rVV2	118541	174798	22.41%	1.231%
90	13.580	1916	1918	1922	rVV	164220	205708	26.37%	1.449%
91	13.617	1922	1924	1928	rVB	74074	79226	10.16%	0.558%
92	13.873	1961	1966	1970	rBV3	366879	630671	80.86%	4.443%
93	14.196	2014	2019	2024	rBV3	267703	473262	60.68%	3.334%
94	14.342	2039	2043	2045	rBV3	211685	331948	42.56%	2.338%
95	14.385	2047	2050	2053	rVB3	418794	552479	70.83%	3.892%
96	14.495	2064	2068	2071	rVB3	179338	229358	29.41%	1.616%
97	14.543	2072	2076	2082	rVB6	180416	300002	38.46%	2.113%
98	14.787	2112	2116	2120	rBV3	284973	569132	72.97%	4.009%
99	14.830	2121	2123	2132	rVB3	426141	695211	89.13%	4.898%
100	15.318	2198	2203	2212	rVB2	295718	483867	62.03%	3.409%

Sum of corrected areas: 14195070

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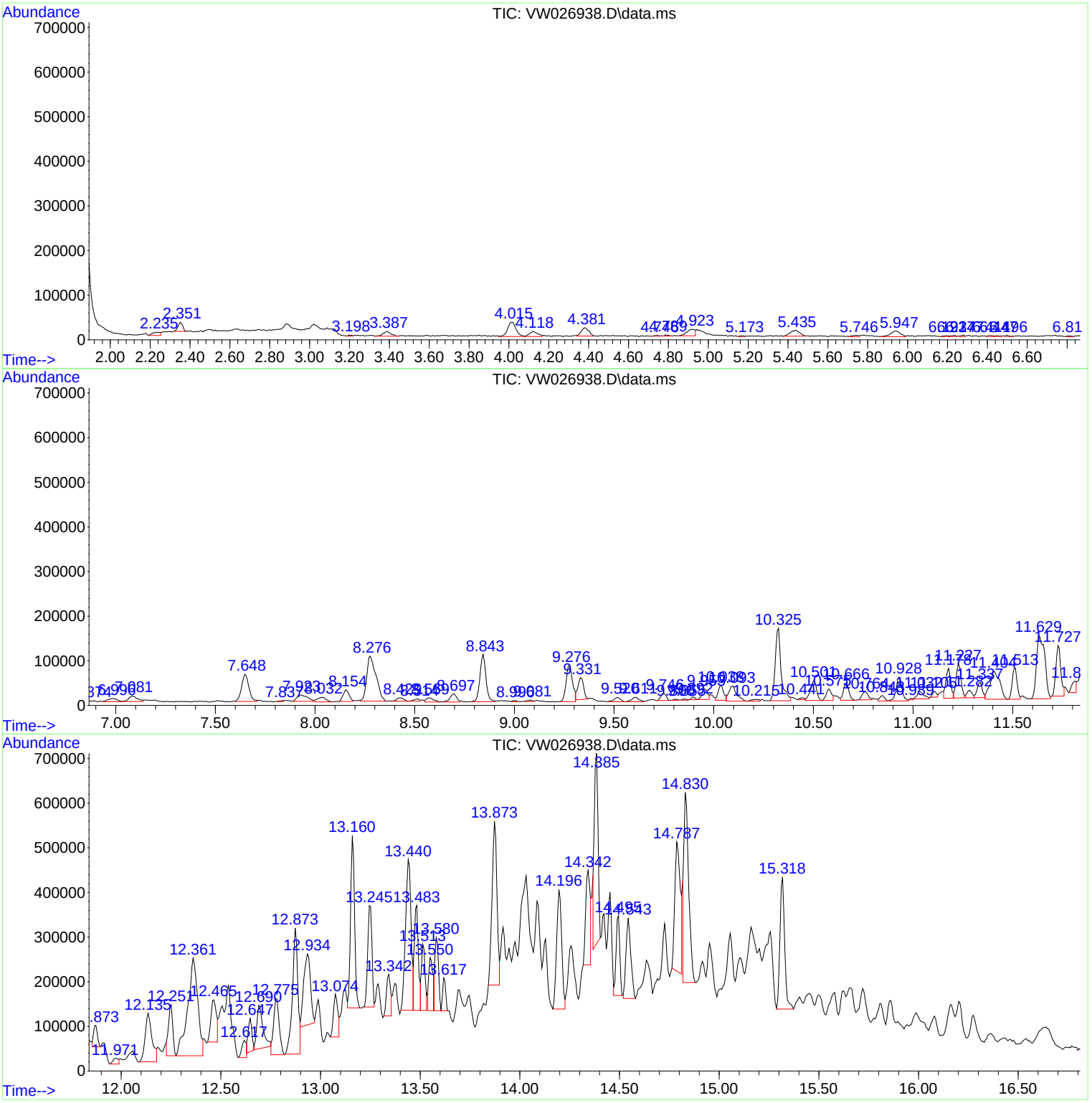
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

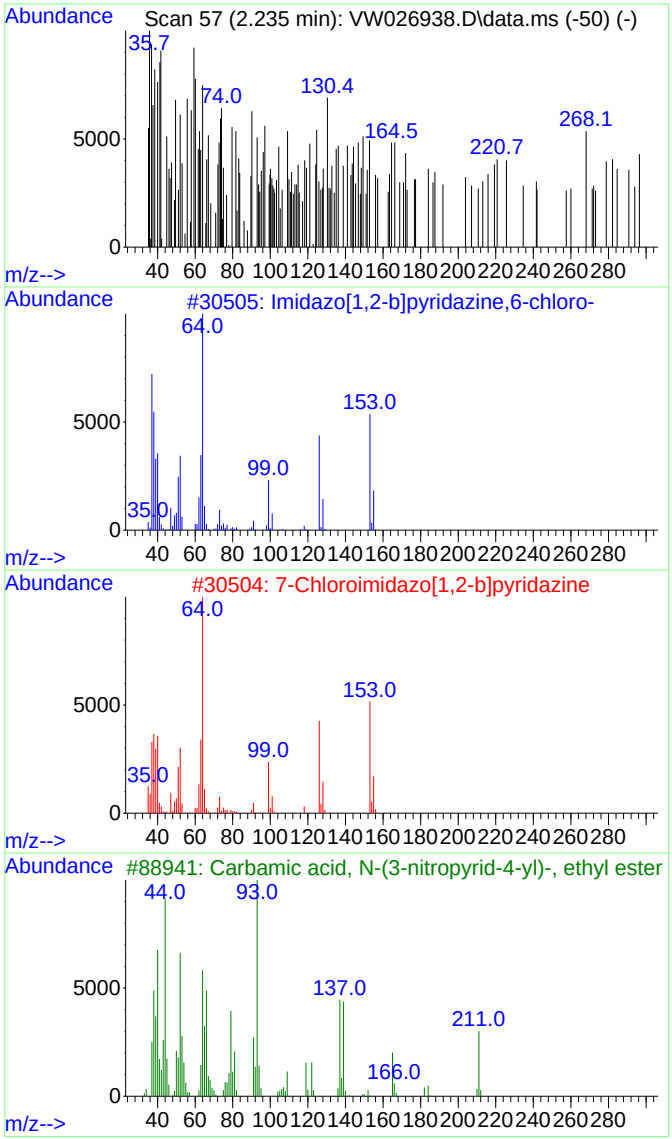
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

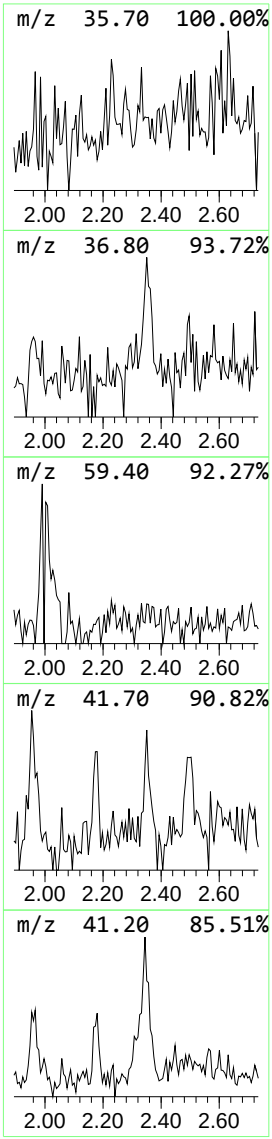
****

Peak Number 1 unknown-01 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.235	2.26 ug/L	20105	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazo[1,2-b]pyridazine,6-chloro-	153	C6H4ClN3	006775-78-6	27
2	7-Chloroimidazo[1,2-b]pyridazine	153	C6H4ClN3	1010388-04-4	27
3	Carbamic acid, N-(3-nitropyrid-4...	211	C8H9N3O4	090223-38-4	20
4	Benzene, 1-azido-4-chloro-	153	C6H4ClN3	003296-05-7	16
5	Ethyl N-formyldithiocarbamate	149	C4H7NOS2	102933-65-3	15





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

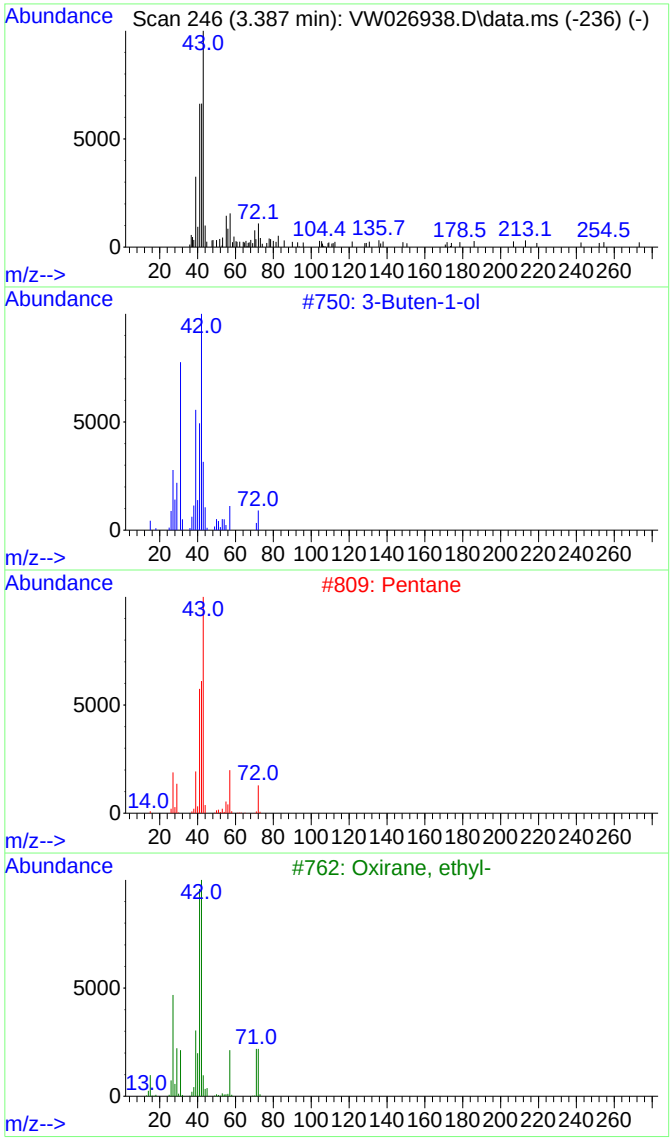
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

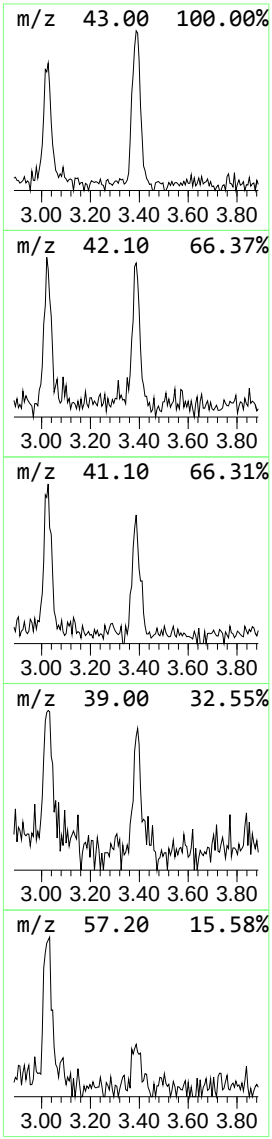
****

Peak Number 2 3-Buten-1-ol Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.387	3.16 ug/L	28062	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-1-ol	72	C4H8O	000627-27-0	52
2	Pentane	72	C5H12	000109-66-0	50
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	50
4	Pentane	72	C5H12	000109-66-0	50
5	3-Buten-1-ol	72	C4H8O	000627-27-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
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Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

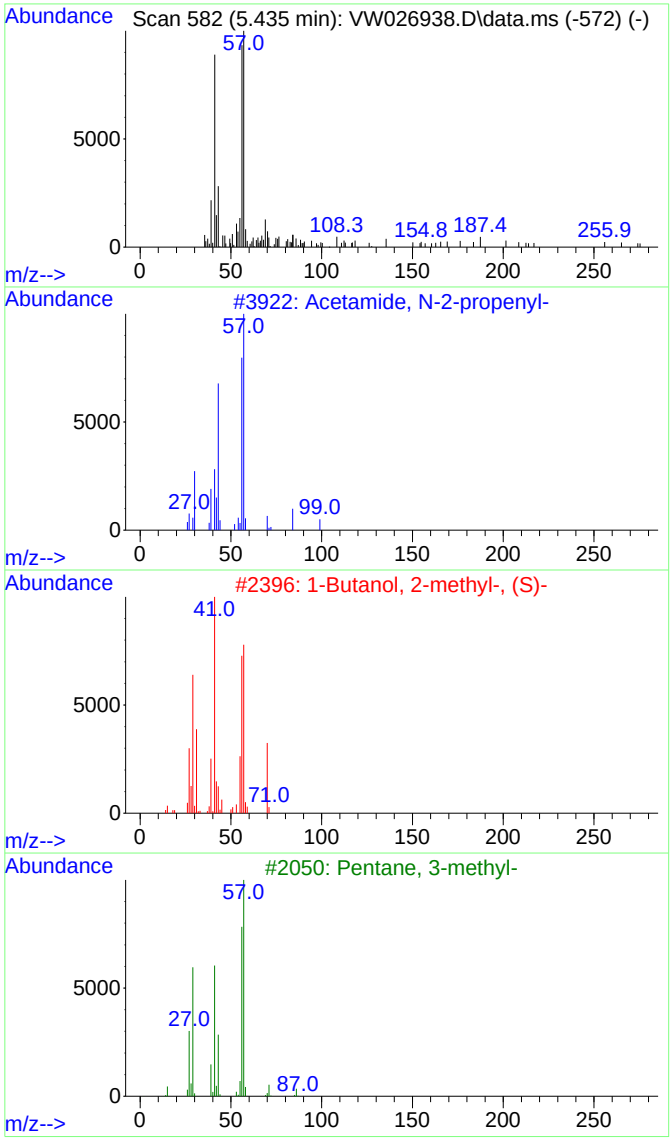
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

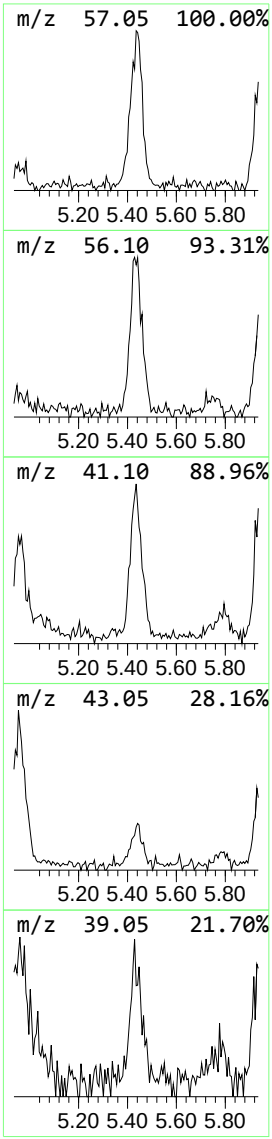
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Acetamide, N-2-propenyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.435	4.96 ug/L	44138	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-2-propenyl-	99	C5H9NO	000692-33-1	64
2	1-Butanol, 2-methyl-, (S)-	88	C5H12O	001565-80-6	59
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	59
4	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	59
5	Pentane, 3-methyl-	86	C6H14	000096-14-0	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

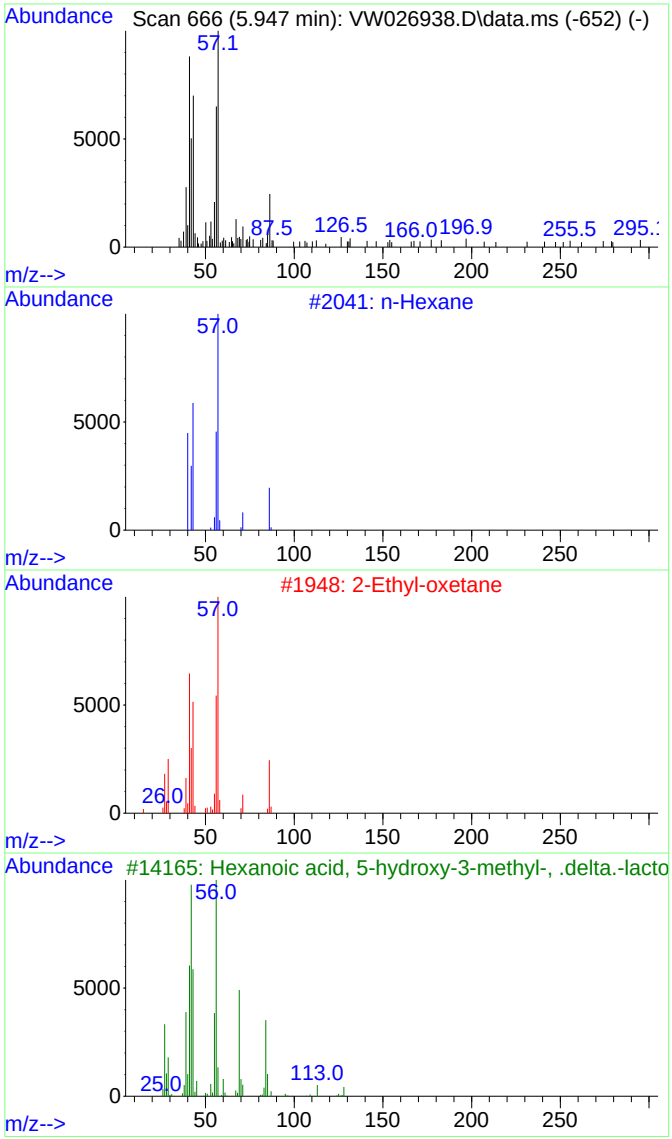
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

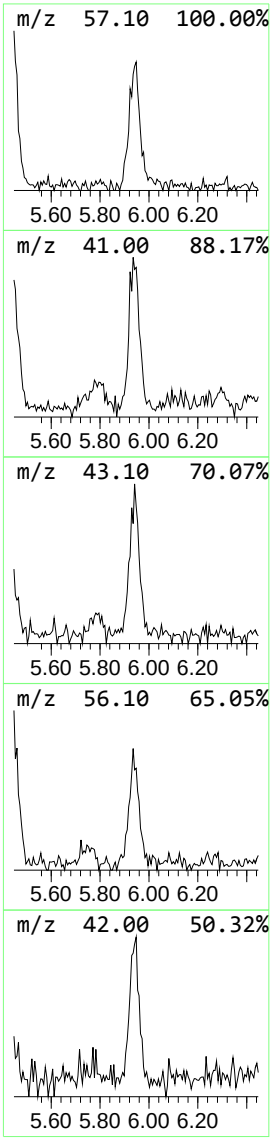
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.947	4.89 ug/L	43475	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	59
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	58
3	Hexanoic acid, 5-hydroxy-3-methy...	128	C7H12O2	003720-20-5	47
4	n-Hexane	86	C6H14	000110-54-3	45
5	n-Hexane	86	C6H14	000110-54-3	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

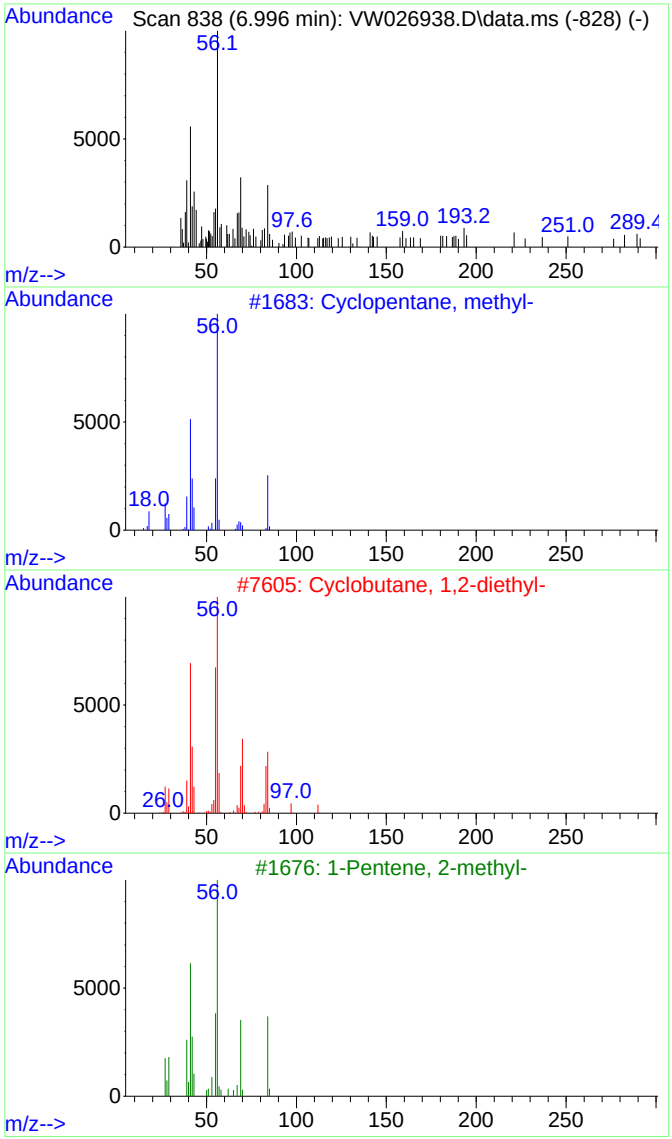
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

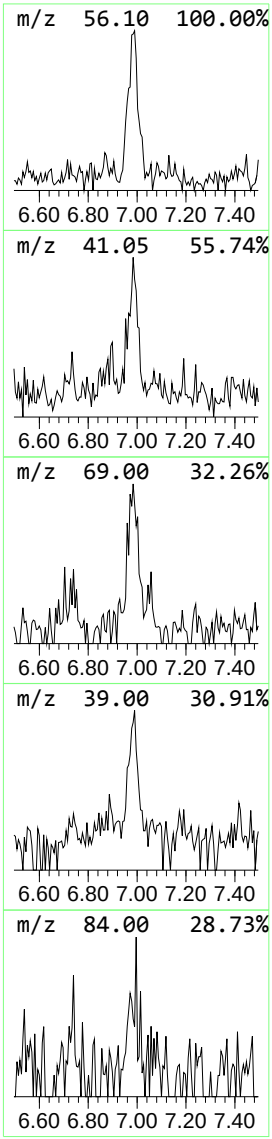
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic6.996 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.996	2.45 ug/L	21767	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	52
2	Cyclobutane, 1,2-diethyl-	112	C8H16	061141-83-1	50
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50
4	Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	46
5	3-Pentanone, O-methyloxime	115	C6H13NO	015754-22-0	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

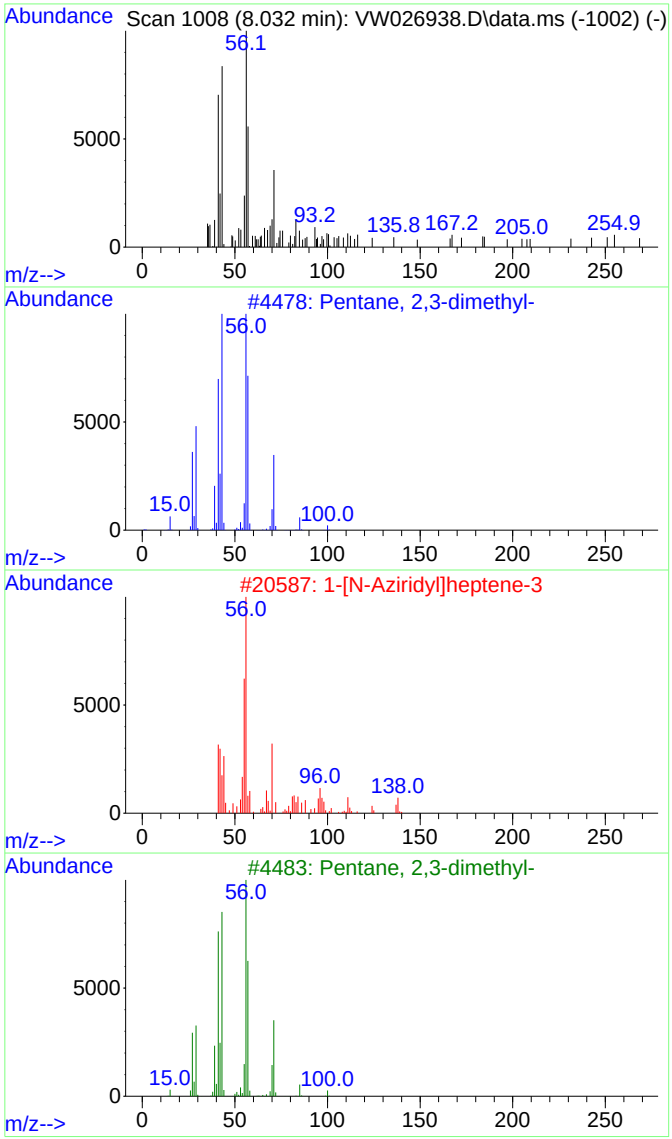
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

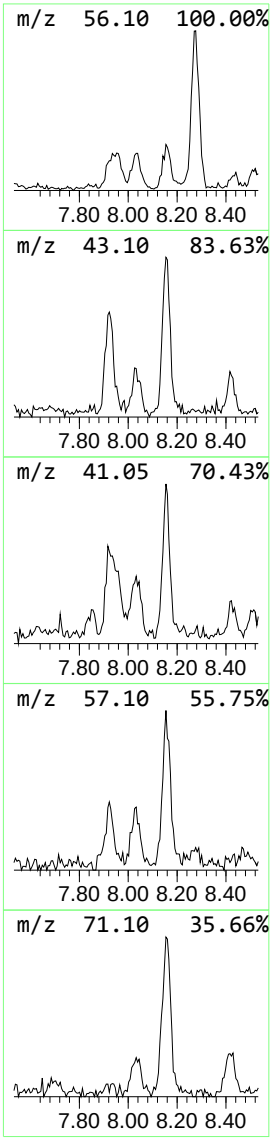
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.032	3.38 ug/L	30036	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	47
2	1-[N-Aziridyl]heptene-3	139	C9H17N	1000255-07-6	47
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	47
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	47
5	2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

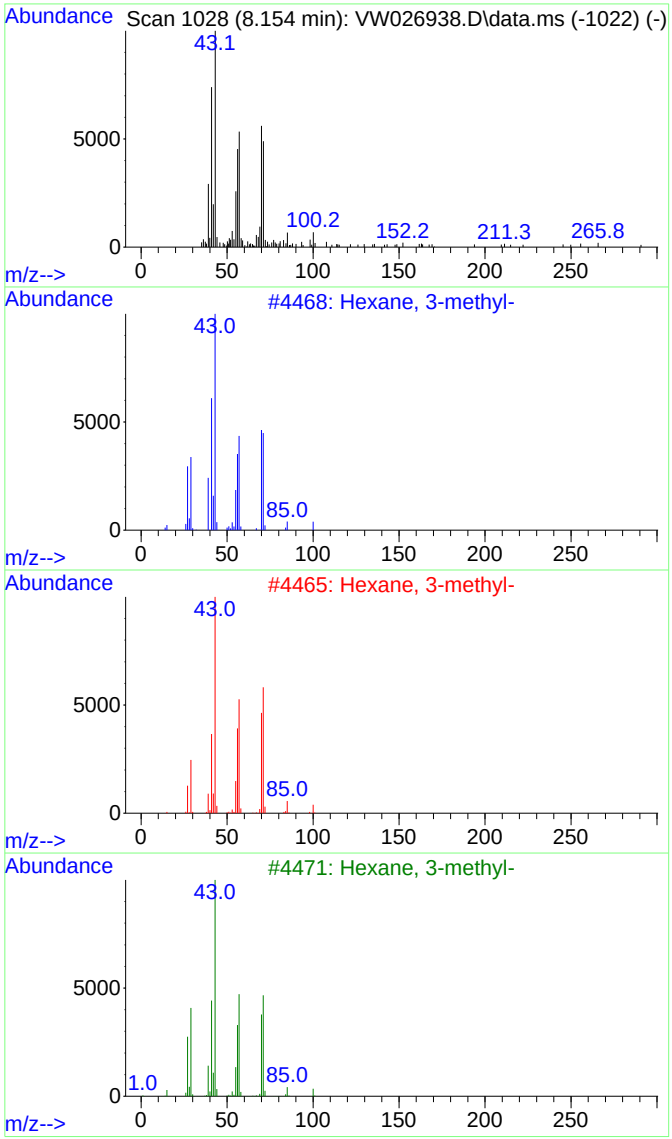
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

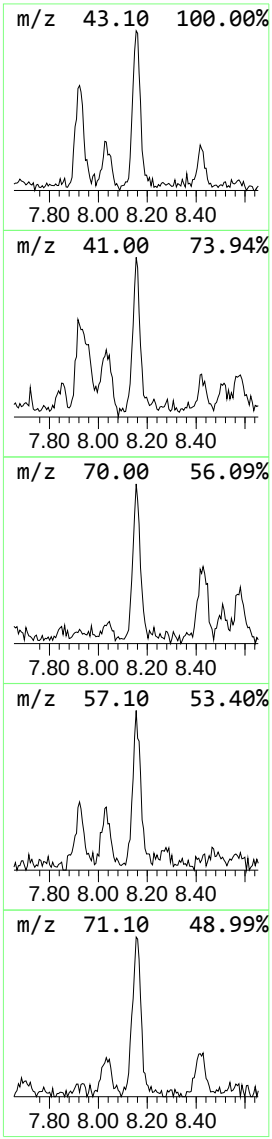
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.154	6.06 ug/L	53939	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	93
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	74
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	72
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	52
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	52





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Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

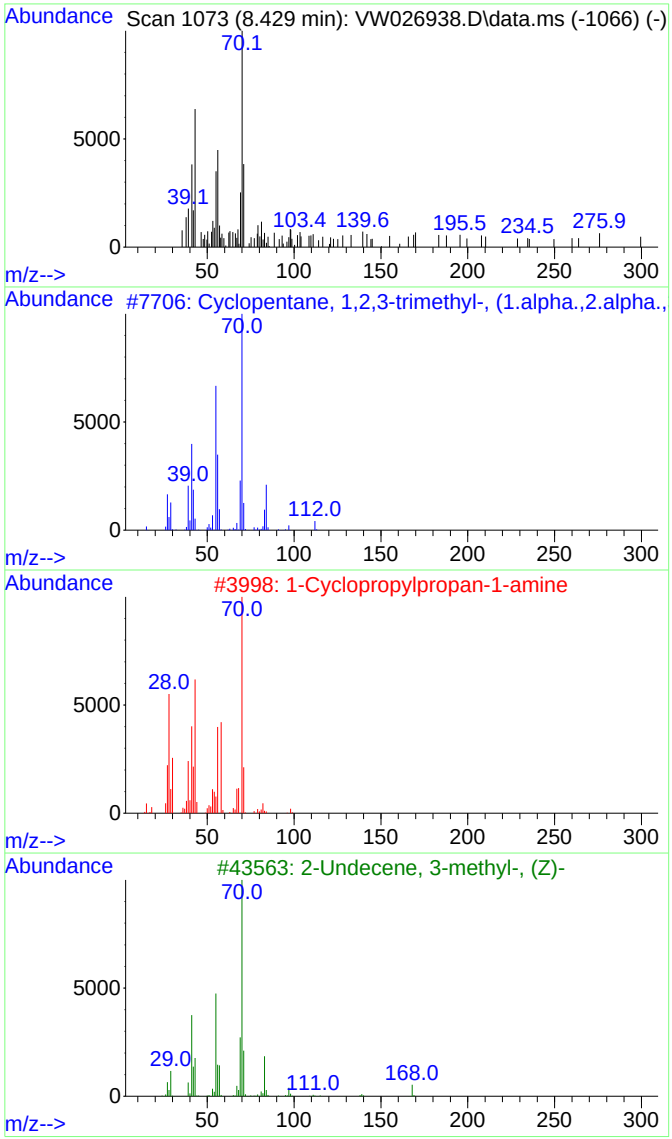
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

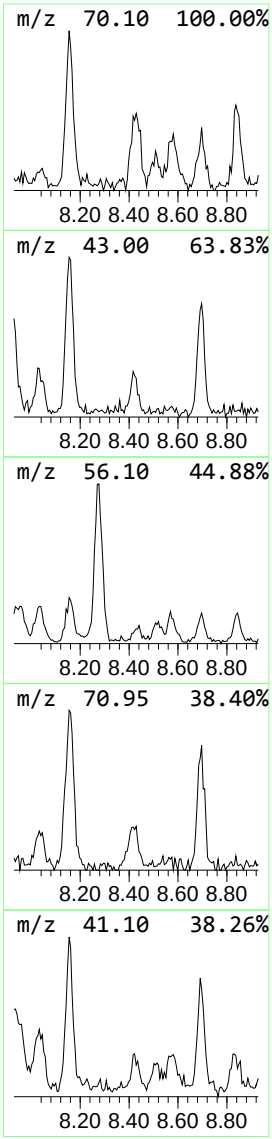
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic8.429 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.429	2.18 ug/L	19348	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	50
2	1-Cyclopropylpropan-1-amine	99	C6H13N	1000436-93-8	40
3	2-Undecene, 3-methyl-, (Z)-	168	C12H24	057024-90-5	38
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	38
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

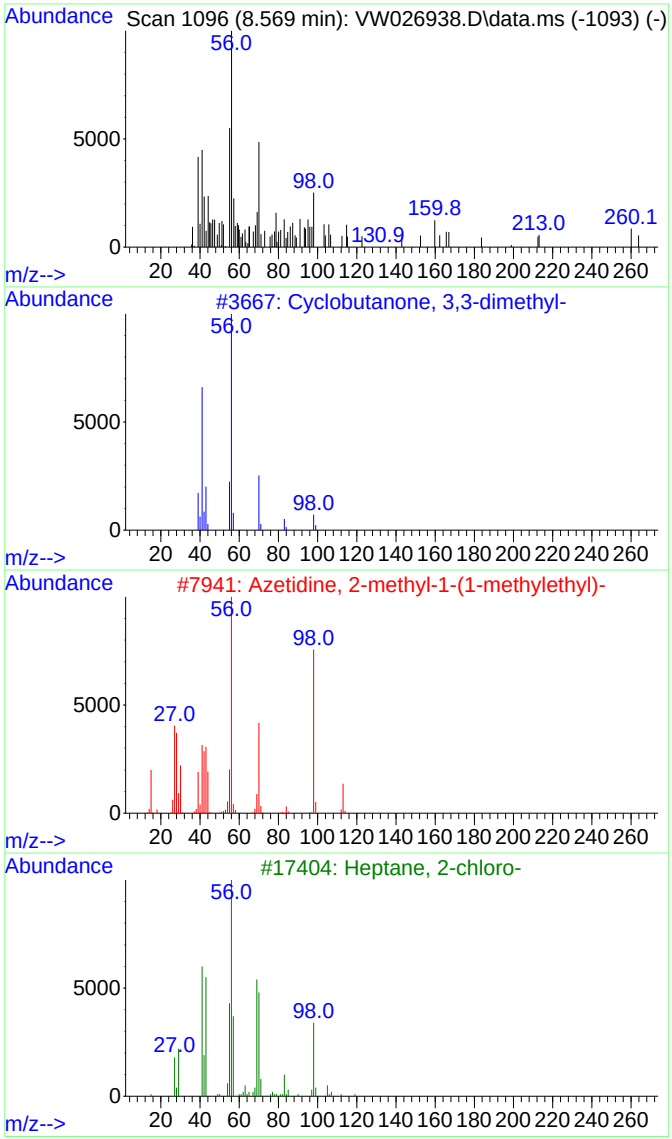
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

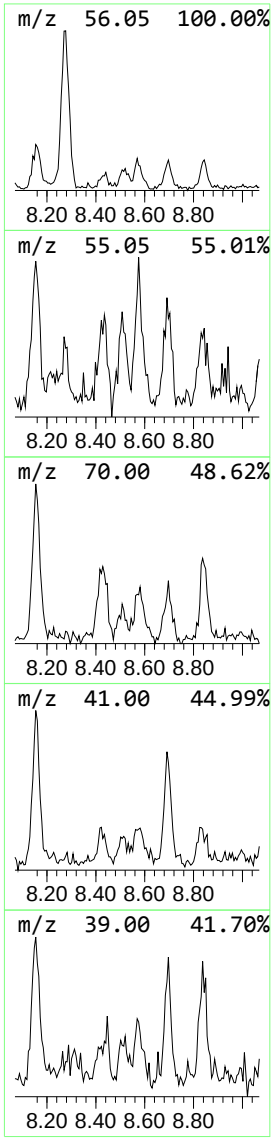
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclobutanone, 3,3-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.569	2.65 ug/L	23536	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	53
2	Azetidine, 2-methyl-1-(1-methyle...	113	C7H15N	055683-32-4	53
3	Heptane, 2-chloro-	134	C7H15Cl	001001-89-4	53
4	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	50
5	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

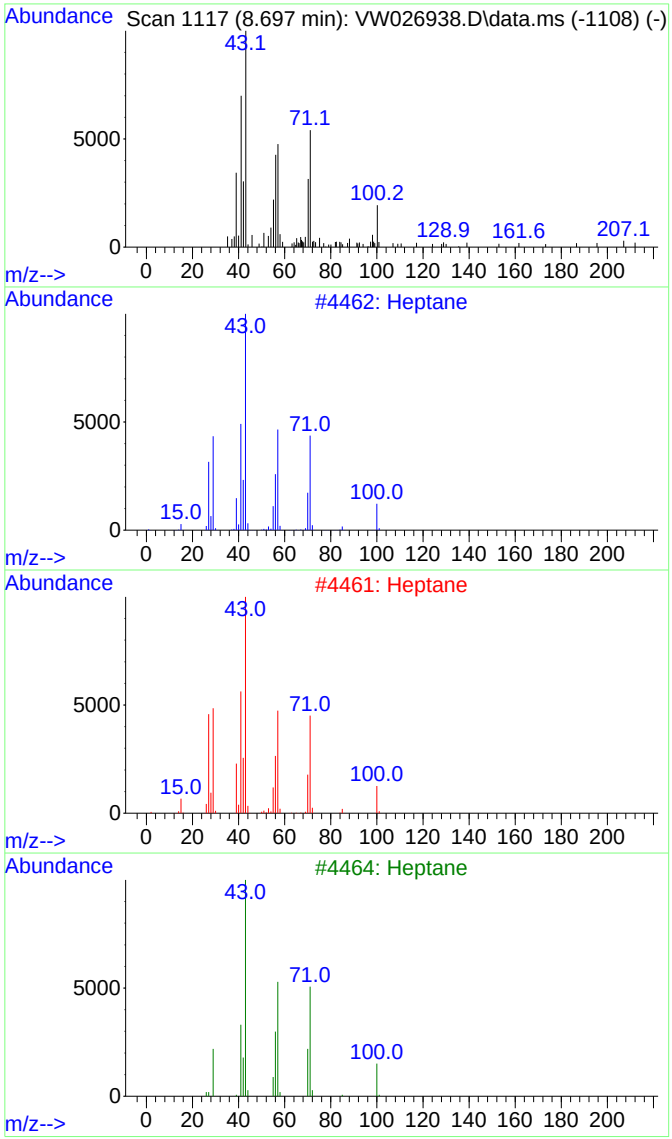
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

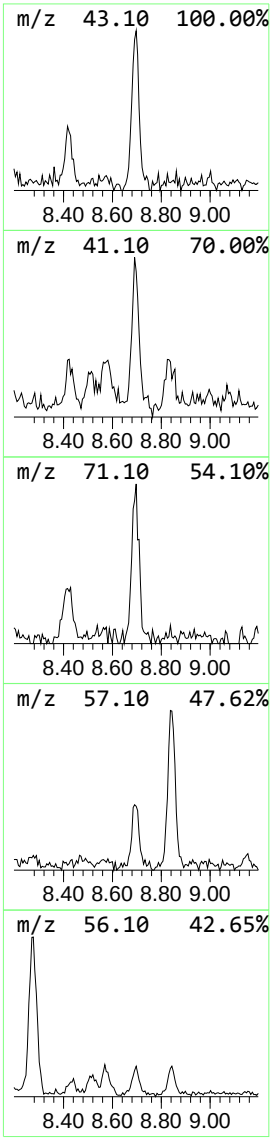
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.697	4.79 ug/L	42645	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	80
2	Heptane	100	C7H16	000142-82-5	80
3	Heptane	100	C7H16	000142-82-5	50
4	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	43
5	Cyclobutanone, 3-ethyl-	98	C6H10O	056335-73-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

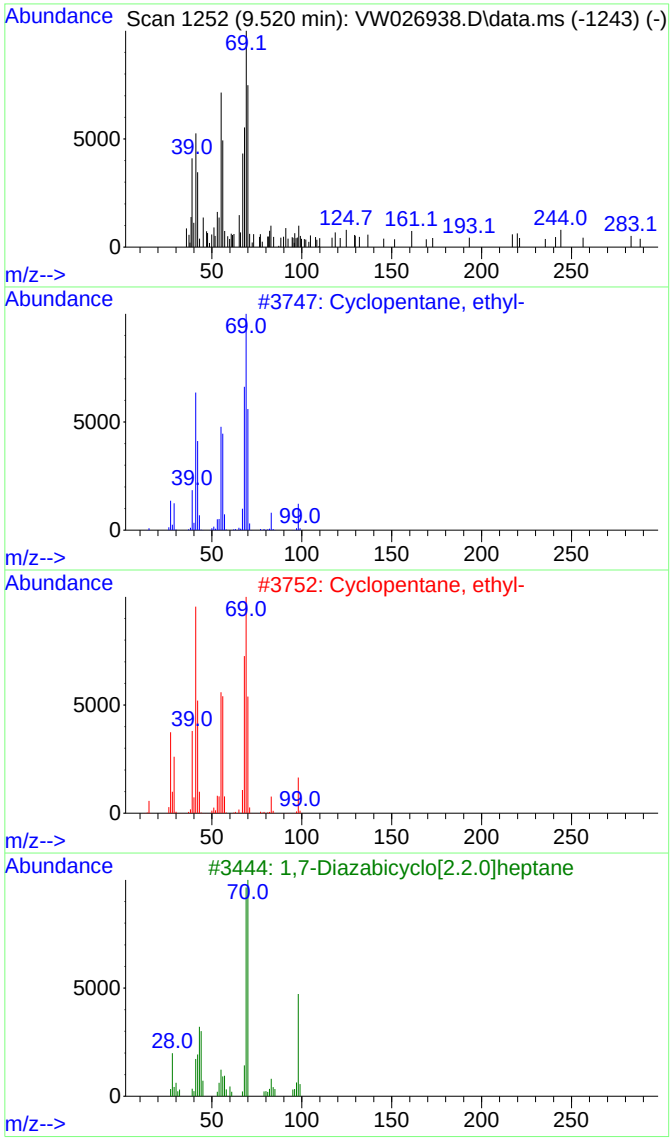
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

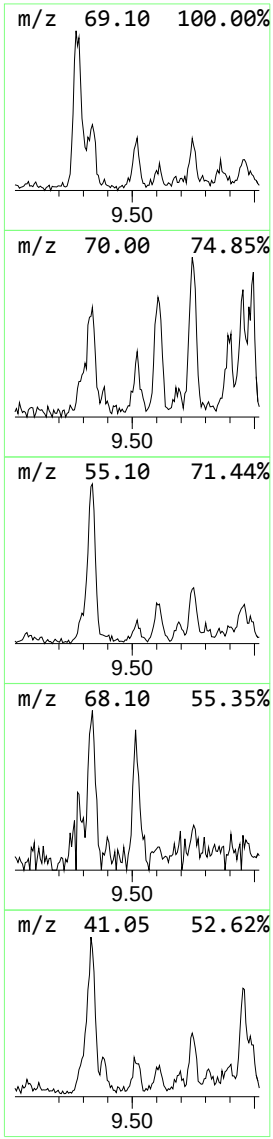
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic9.520 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.520	2.45 ug/L	21829	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	58
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	52
3	1,7-Diazabicyclo[2.2.0]heptane	98	C5H10N2	000279-42-5	46
4	N-Guanylproline	157	C6H11N3O2	1000130-31-0	43
5	Cyclopentane, ethyl-	98	C7H14	001640-89-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

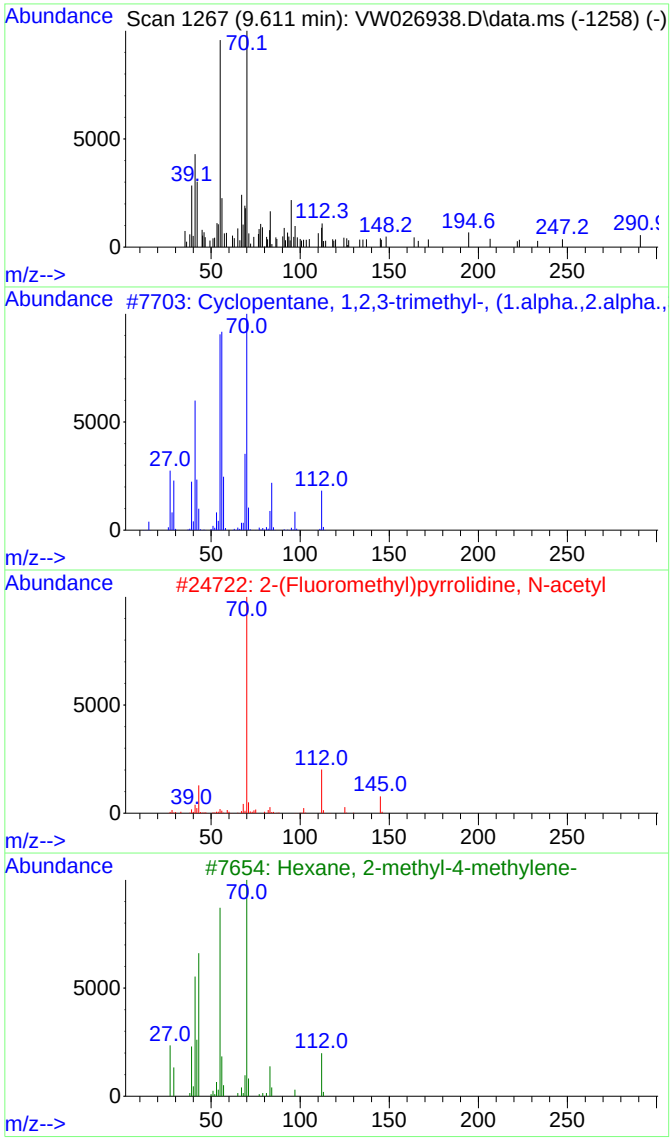
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

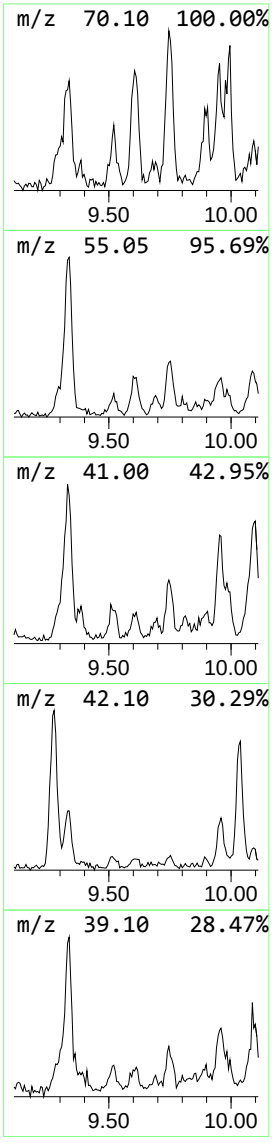
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic9.611 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.611	2.87 ug/L	25568	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	52
2	2-(Fluoromethyl)pyrrolidine, N-a...	145	C7H12FNO	2123983-91-3	49
3	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	49
4	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	49
5	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

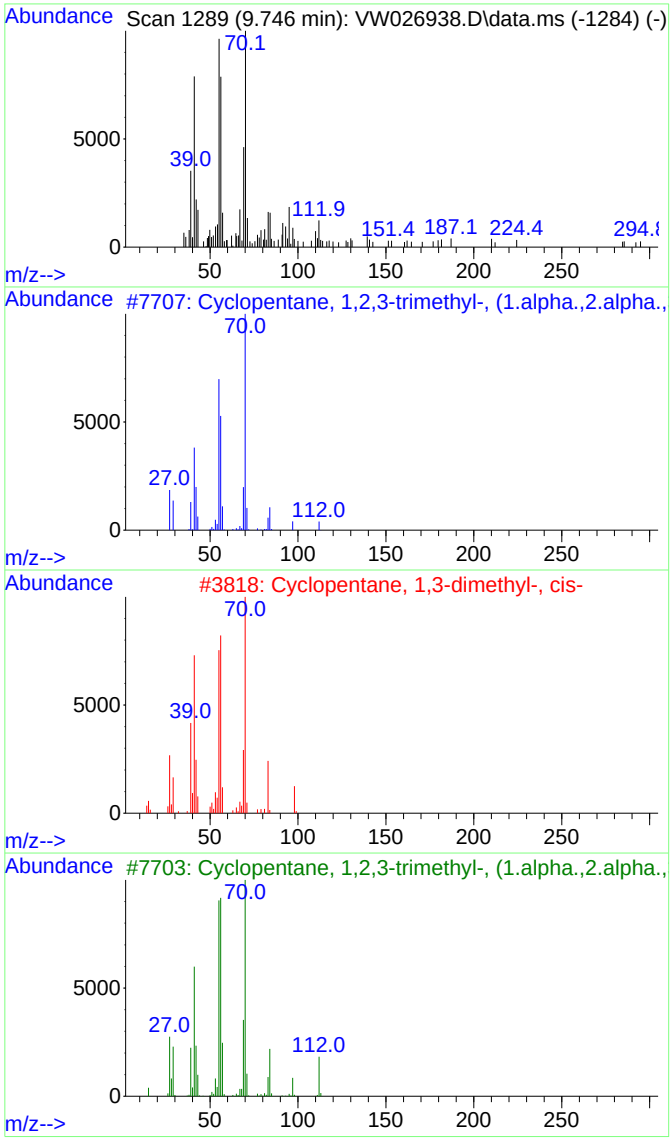
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

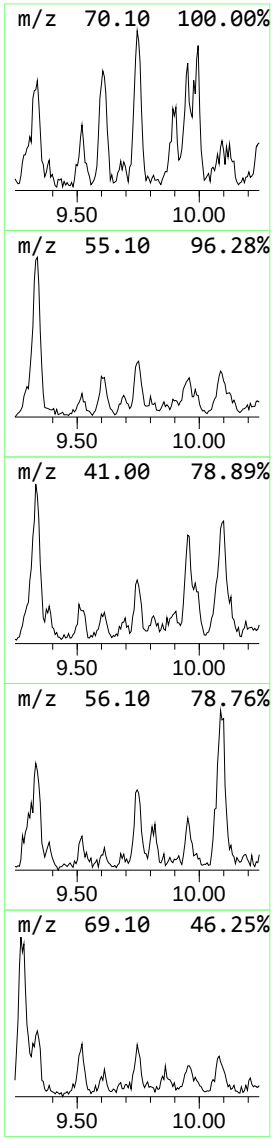
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic9.746 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.746	3.28 ug/L	29174	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	64
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	52
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	46
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

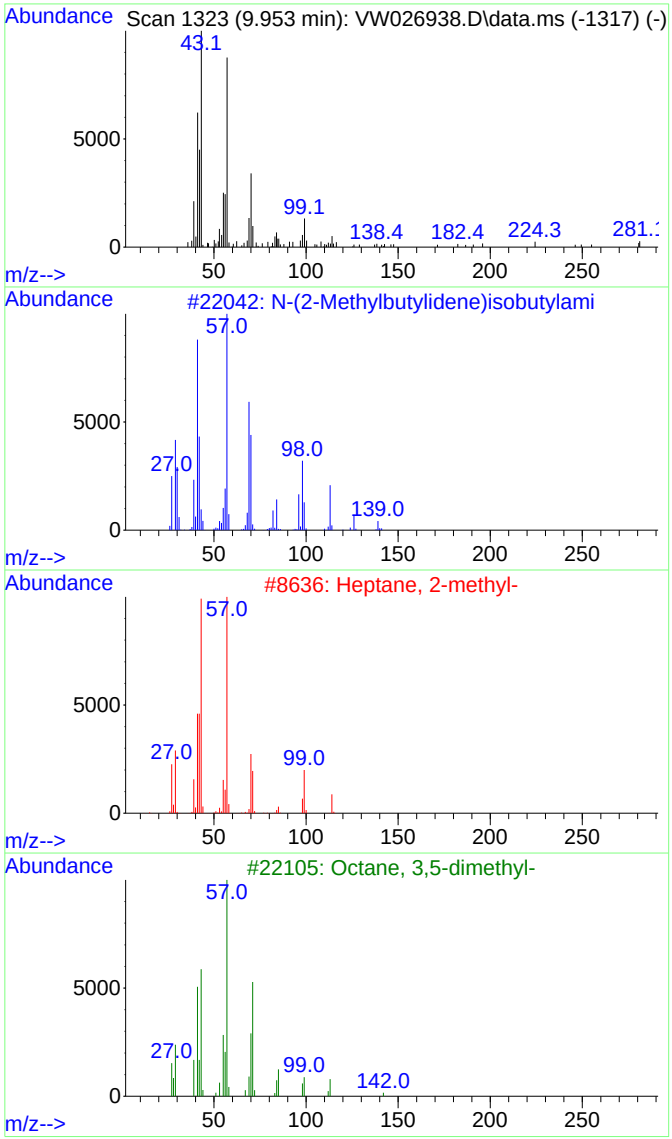
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

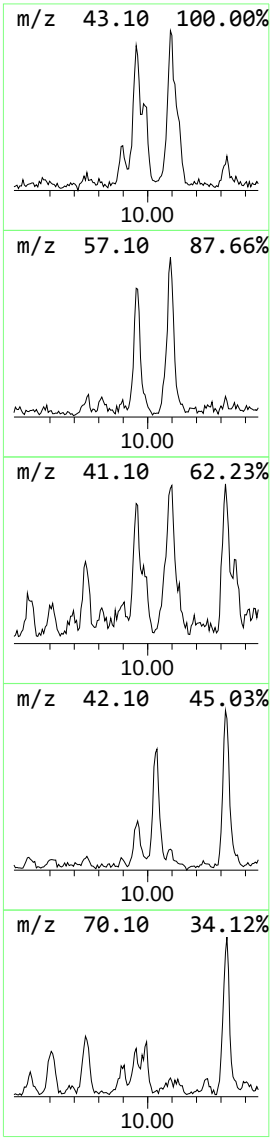
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 N-(2-Methylbutylidene)isobu... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.953	5.22 ug/L	46399	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(2-Methylbutylidene)isobutylami	141	C9H19N	1000250-00-2	64
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	64
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	52
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43
5	Hexamethylenimine	99	C6H13N	000111-49-9	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

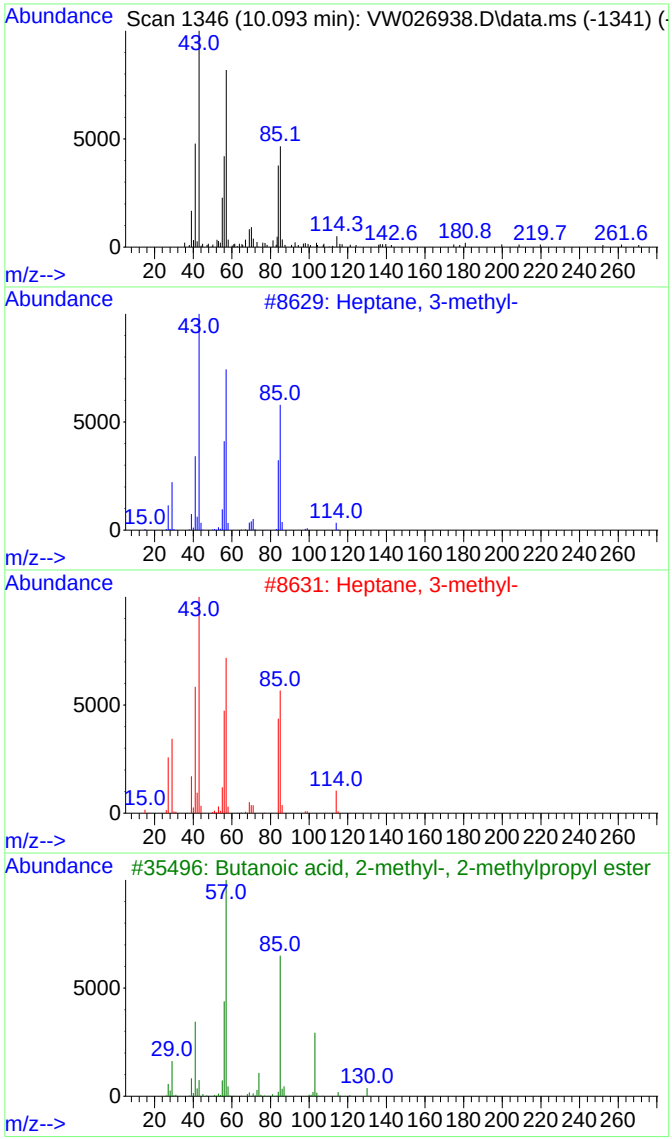
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

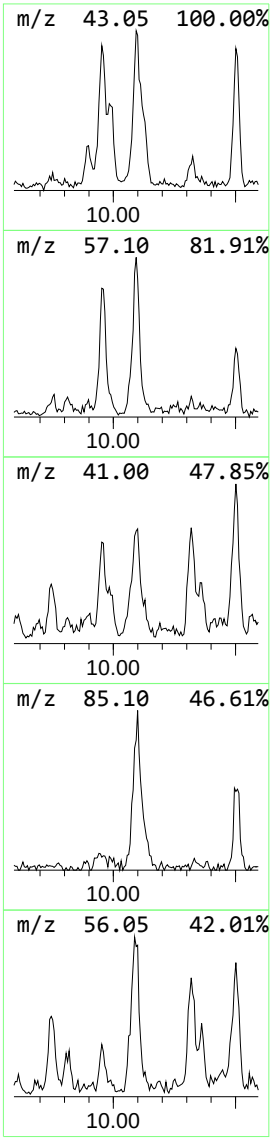
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.093	10.29 ug/L	91559	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	86
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	64
3	Butanoic acid, 2-methyl-, 2-meth...	158	C9H18O2	002445-67-2	59
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
5	Isobutyl isovalerate	158	C9H18O2	000589-59-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

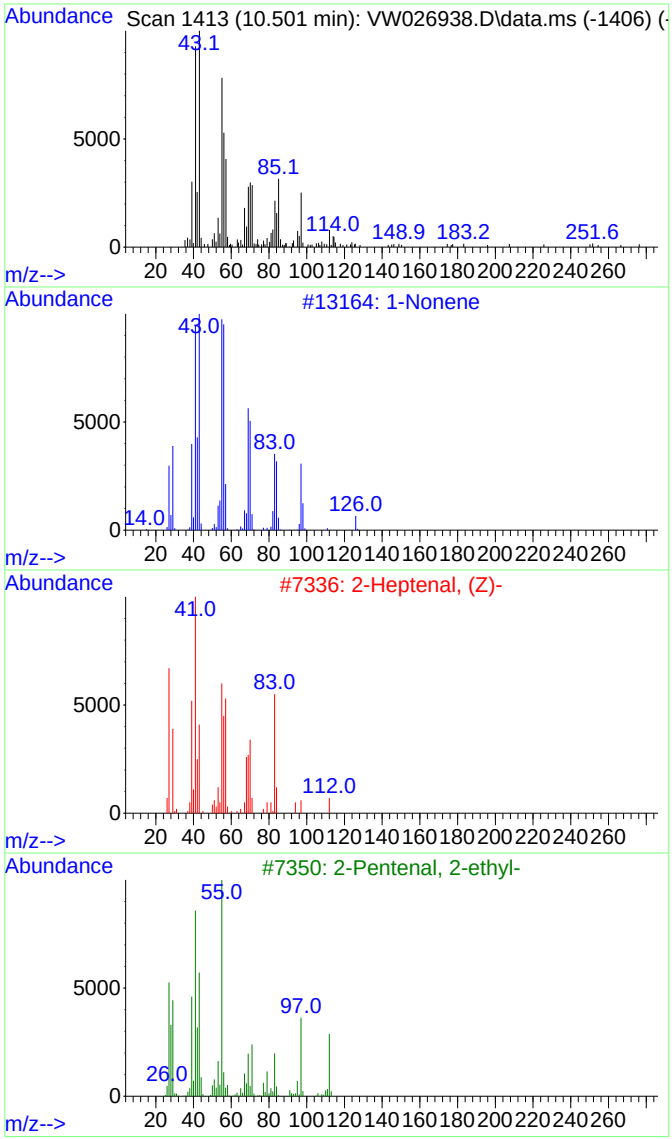
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

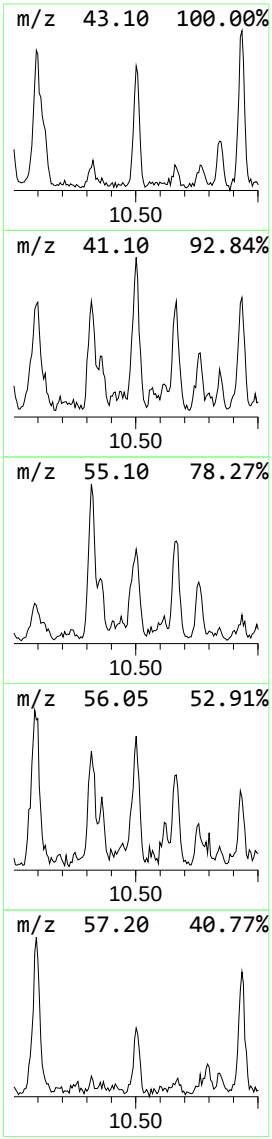
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.502	5.83 ug/L	95776	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonene	126	C9H18	000124-11-8	70
2	2-Heptenal, (Z)-	112	C7H12O	057266-86-1	46
3	2-Pentenal, 2-ethyl-	112	C7H12O	003491-57-4	45
4	1,2-Cyclopentanediol, trans-	102	C5H10O2	005057-99-8	43
5	3-[3-Succinimidopropyl]-2-oxazol...	226	C10H14N2O4	031673-60-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

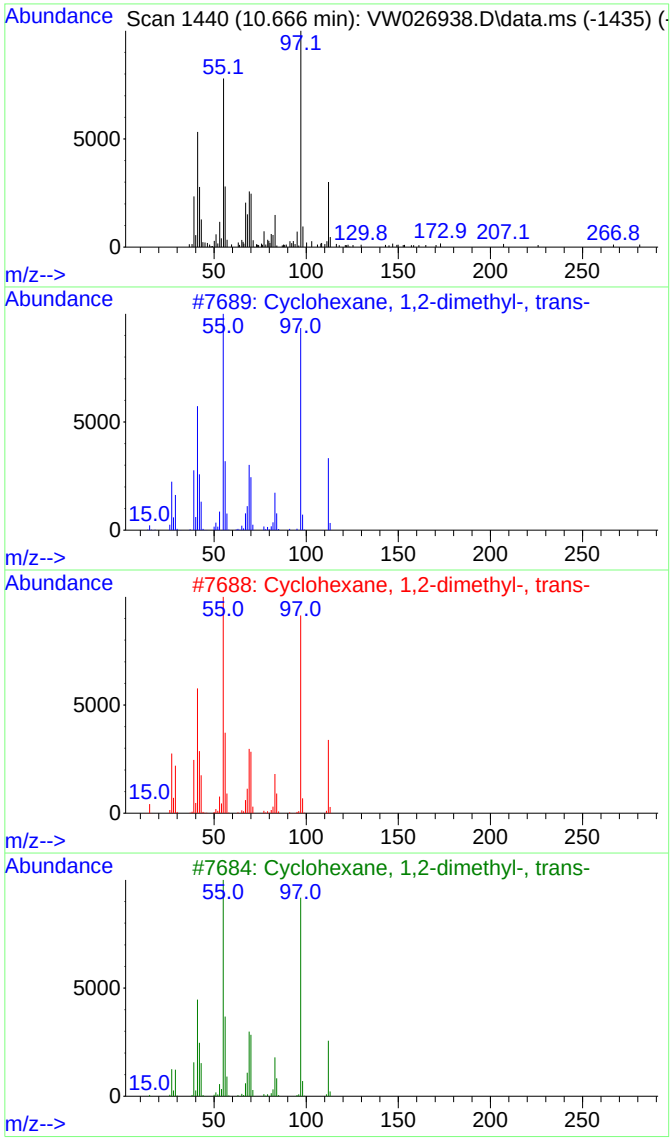
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

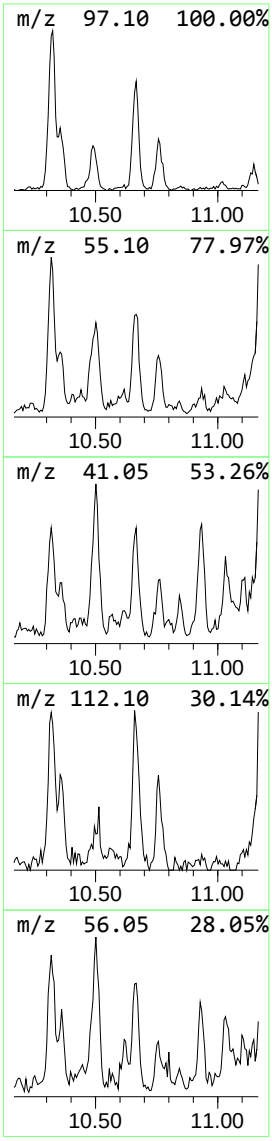
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic10.666 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.666	4.47 ug/L	73372	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	93
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

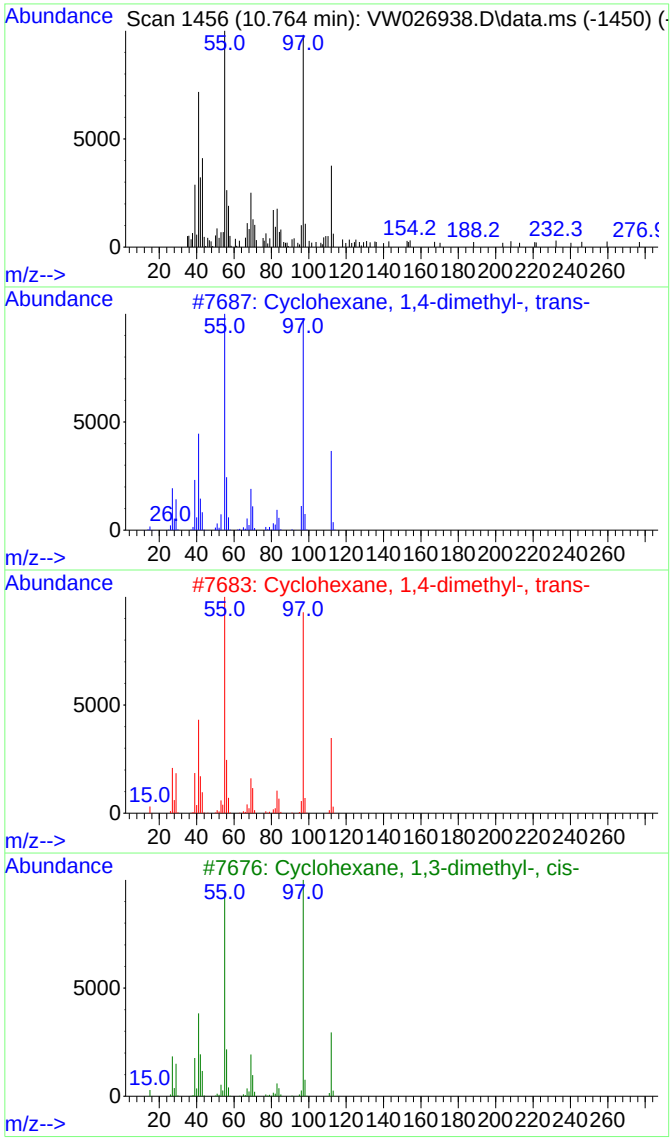
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

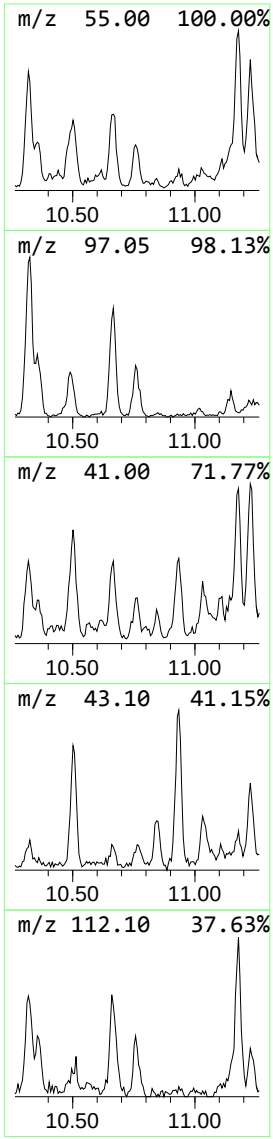
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic10.764 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.764	2.33 ug/L	38331	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	93
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	87
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

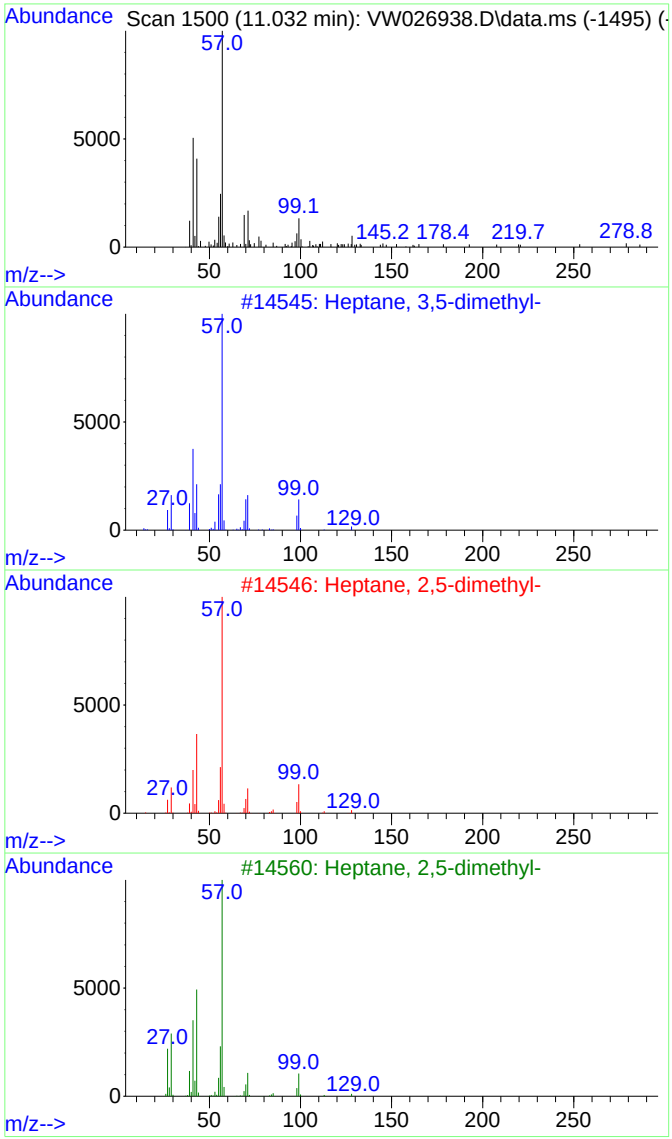
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

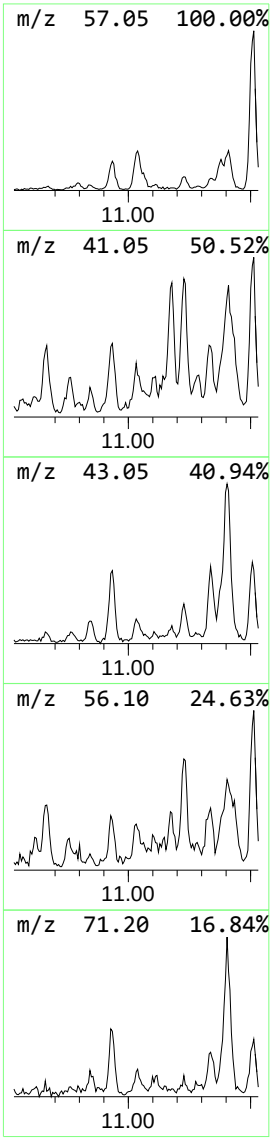
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.032	2.41 ug/L	39635	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	59
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	53
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	47
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

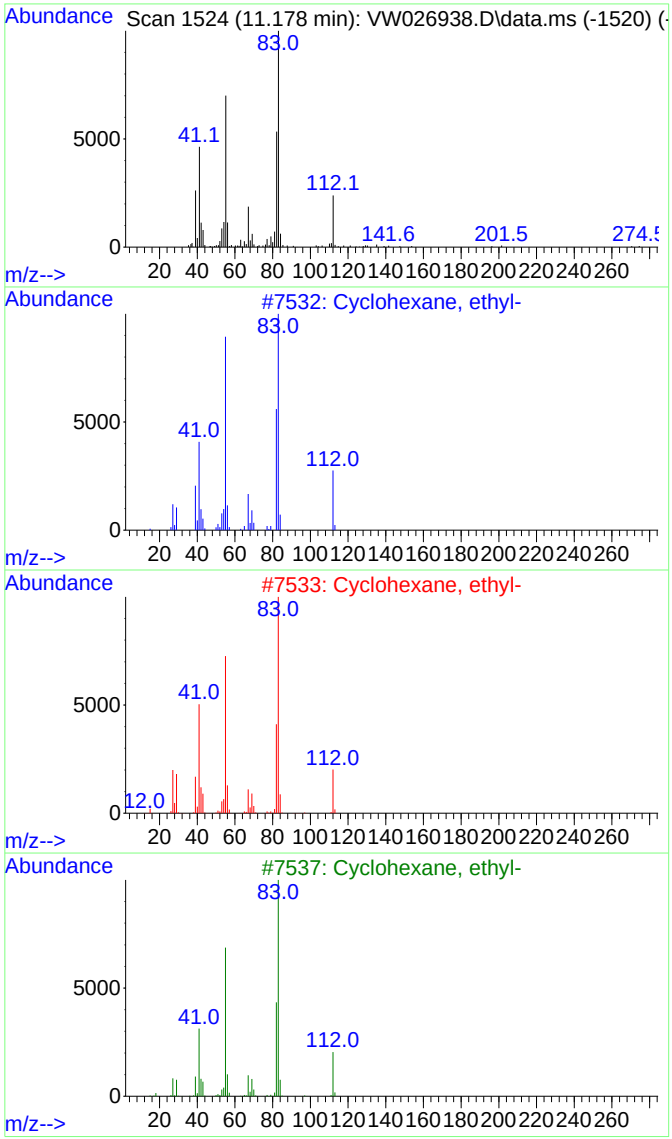
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

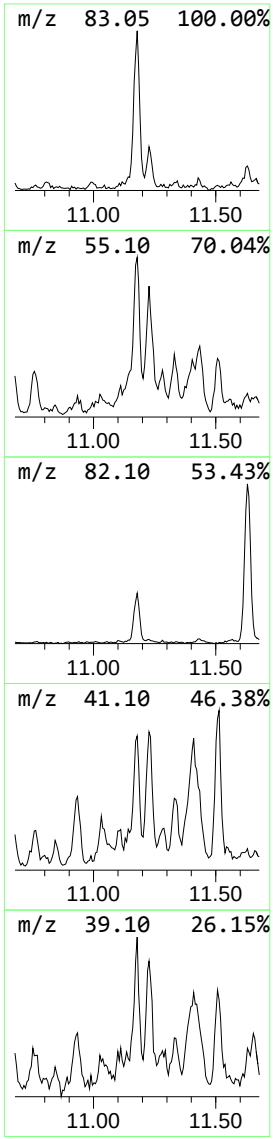
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Cyclic11.178 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.178	6.85 ug/L	112400	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, ethyl-	112	C8H16	001678-91-7	86
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

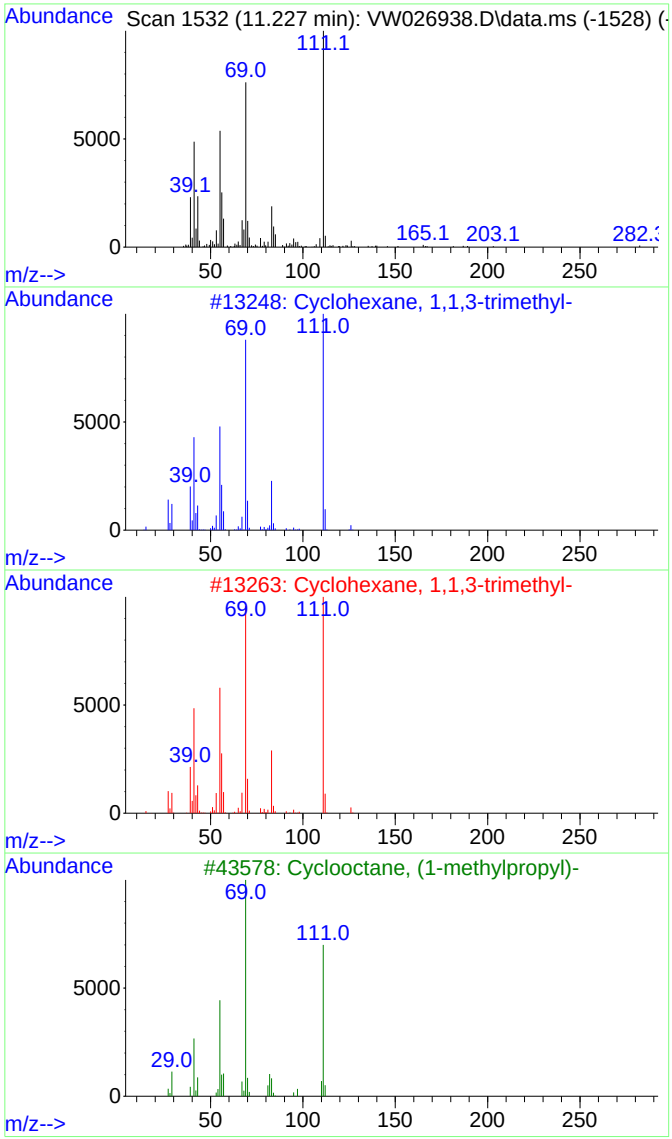
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

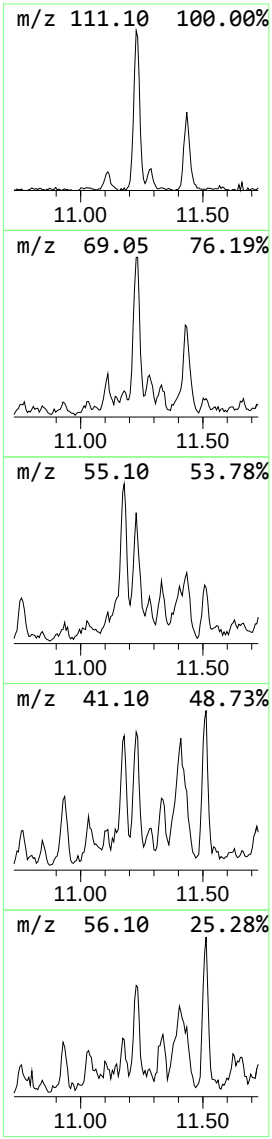
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic11.227 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	8.14 ug/L	133643	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
3	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	64
4	3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	59
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

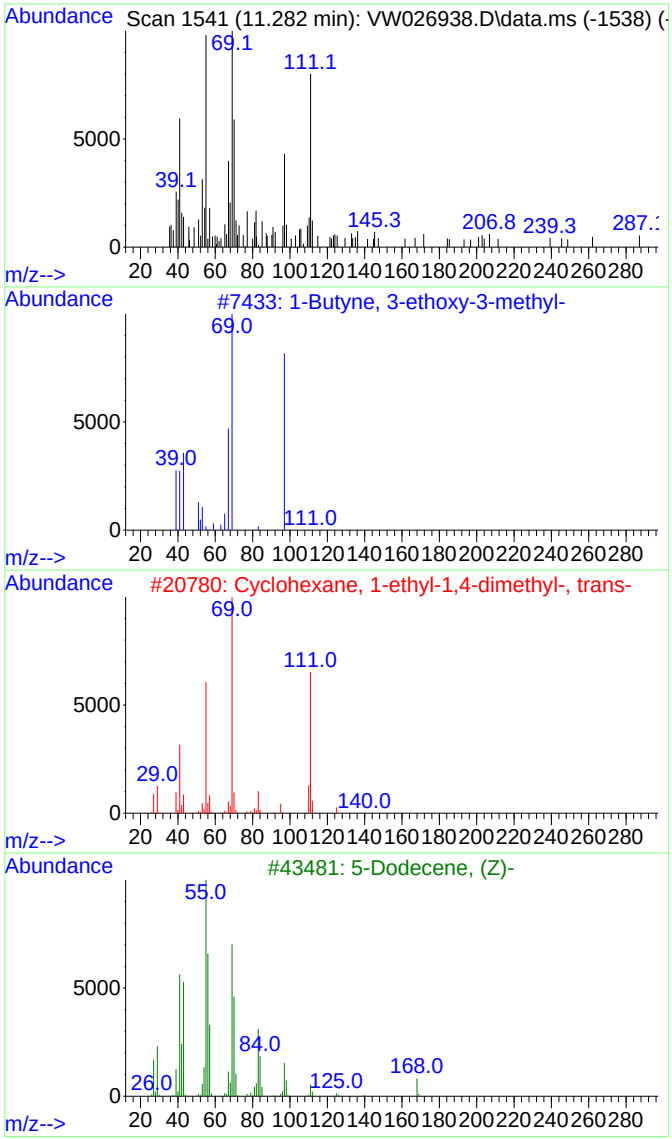
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

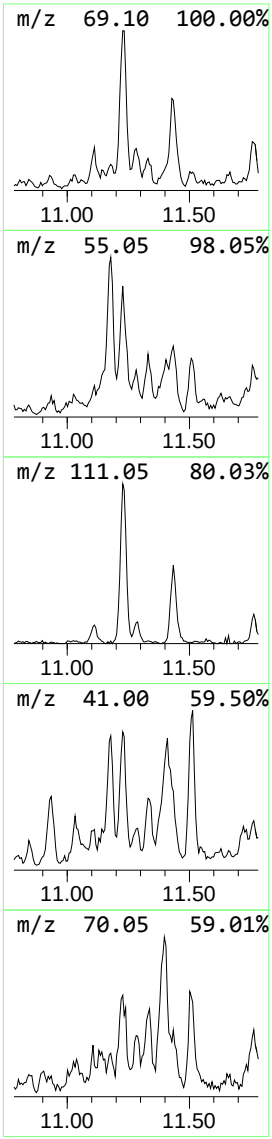
****

Peak Number 23 unknown-02 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.282	1.74 ug/L	28555	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butyne, 3-ethoxy-3-methyl-	112	C7H12O	007740-69-4	38
2	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	38
3	5-Dodecene, (Z)-	168	C12H24	007206-28-2	35
4	2-Ethyl-1-pyrroline	97	C6H11N	1000422-81-4	27
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

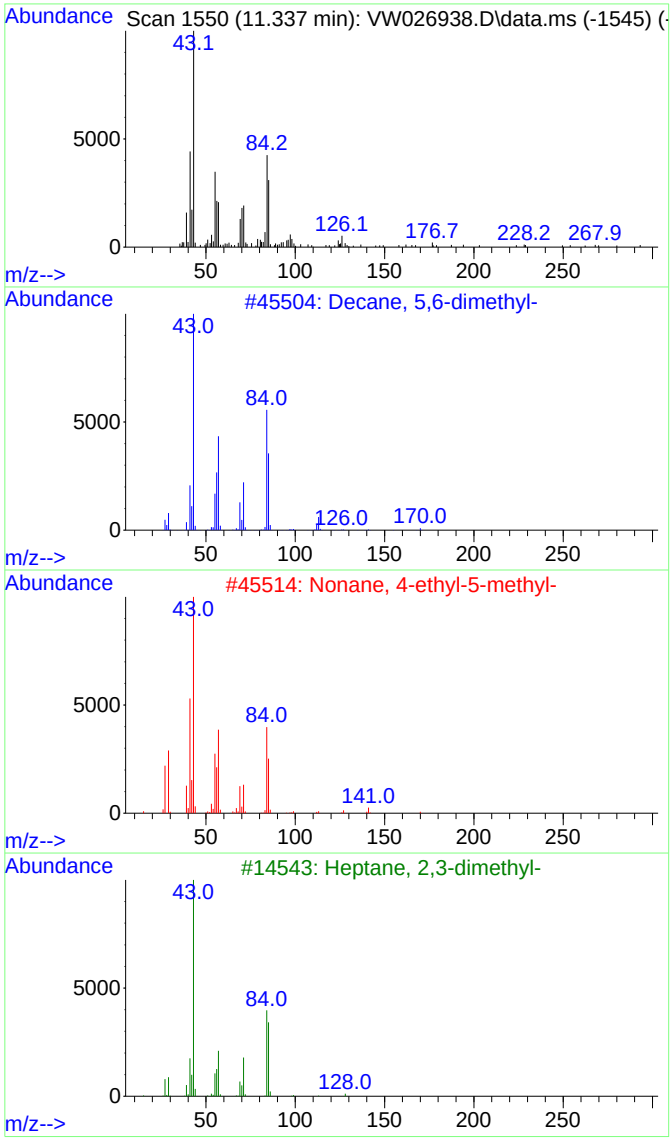
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

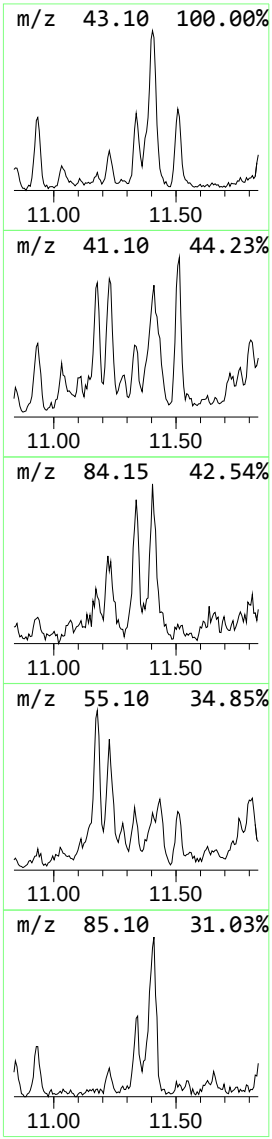
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.337	3.73 ug/L	61311	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	64
2	Nonane, 4-ethyl-5-methyl-	170	C12H26	001632-71-9	64
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	58
4	Octane, 4,5-diethyl-	170	C12H26	001636-41-5	53
5	Formic acid, 2-ethylbutyl ester	130	C7H14O2	1000367-92-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

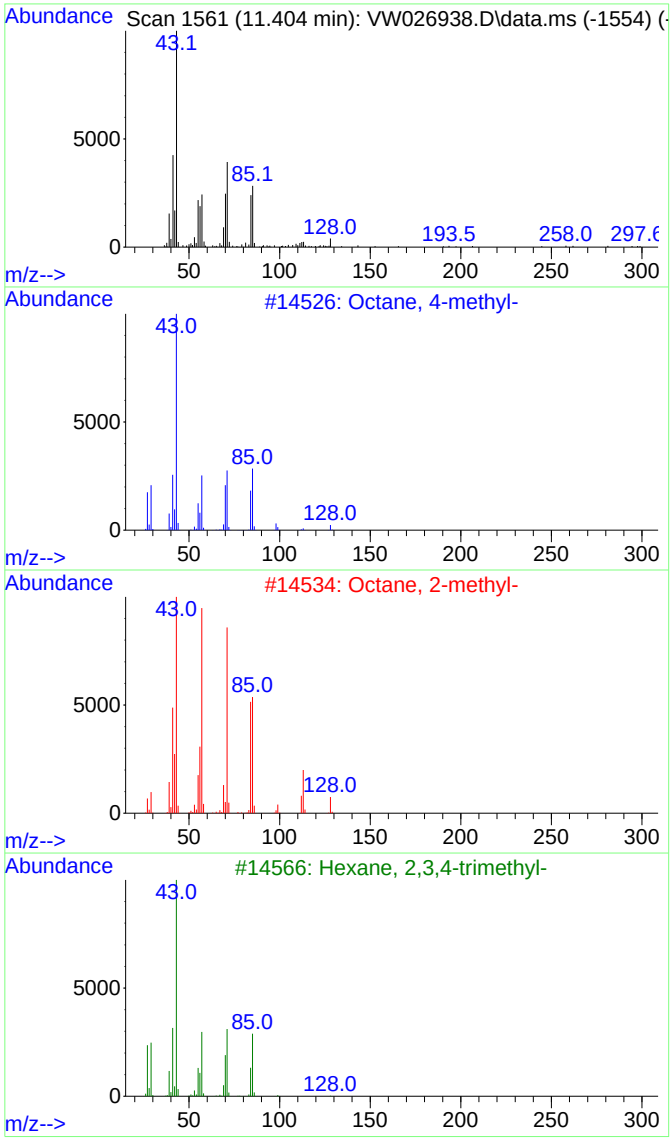
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

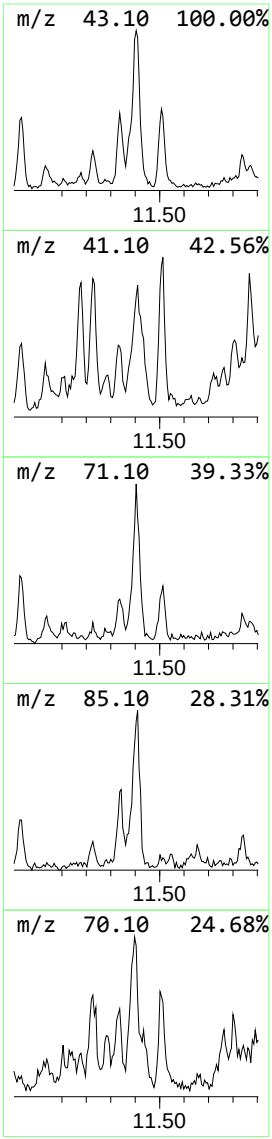
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.404	13.06 ug/L	214447	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	87
2	Octane, 2-methyl-	128	C9H20	003221-61-2	74
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
4	Octane, 4-methyl-	128	C9H20	002216-34-4	53
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

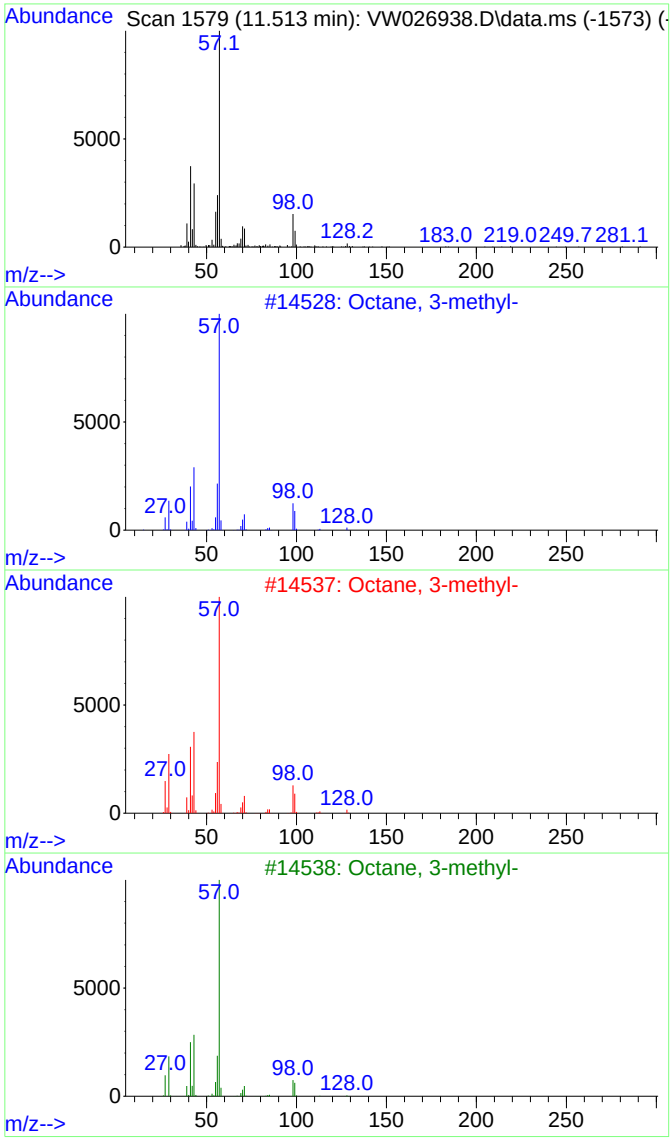
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

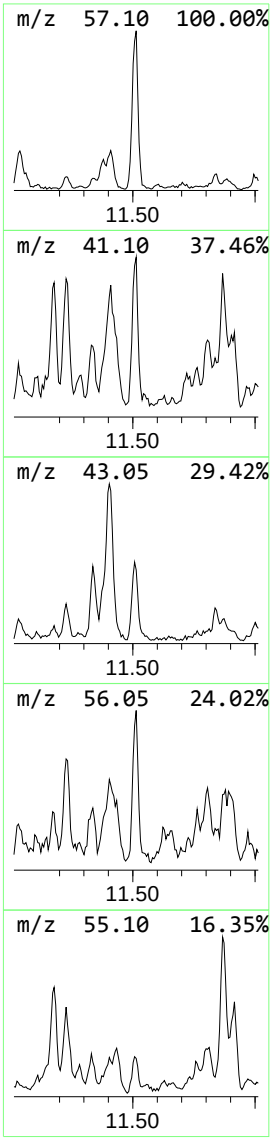
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.514	7.27 ug/L	119320	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	72
2	Octane, 3-methyl-	128	C9H20	002216-33-3	72
3	Octane, 3-methyl-	128	C9H20	002216-33-3	59
4	Undecane, 6-methyl-	170	C12H26	017302-33-9	53
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

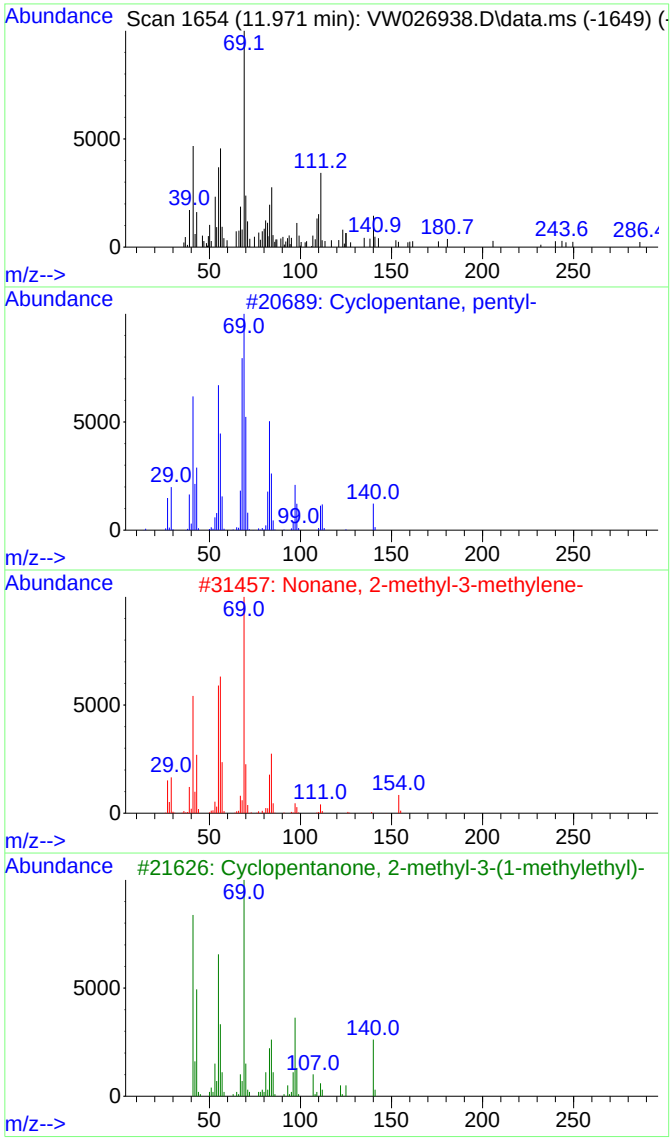
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

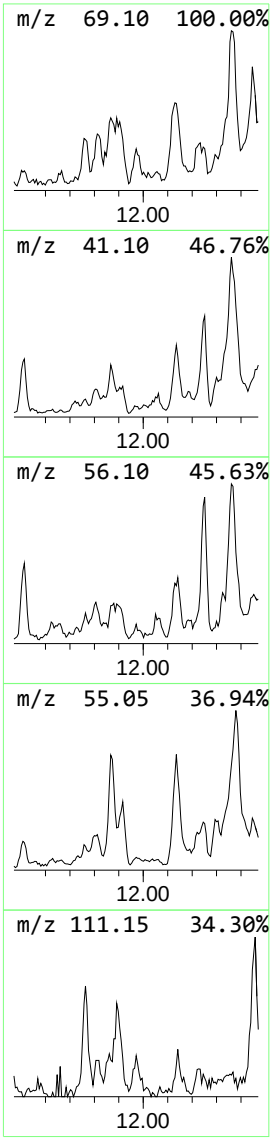
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic11.971 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.971	1.54 ug/L	25343	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, pentyl-	140	C10H20	003741-00-2	62
2	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	62
3	Cyclopentanone, 2-methyl-3-(1-me...	140	C9H16O	054549-81-4	59
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	53
5	Cyclopentane, nonyl-	196	C14H28	002882-98-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

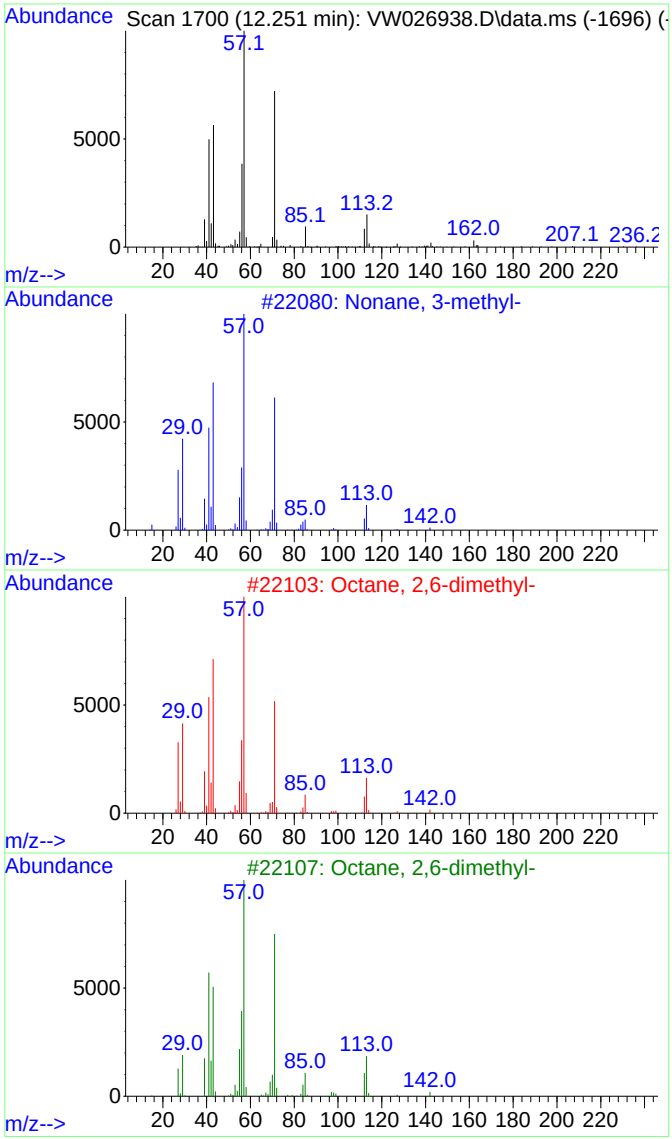
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

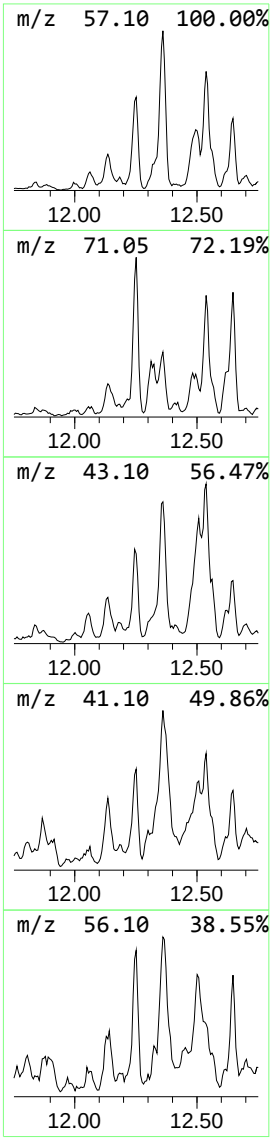
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	10.40 ug/L	170765	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	78
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

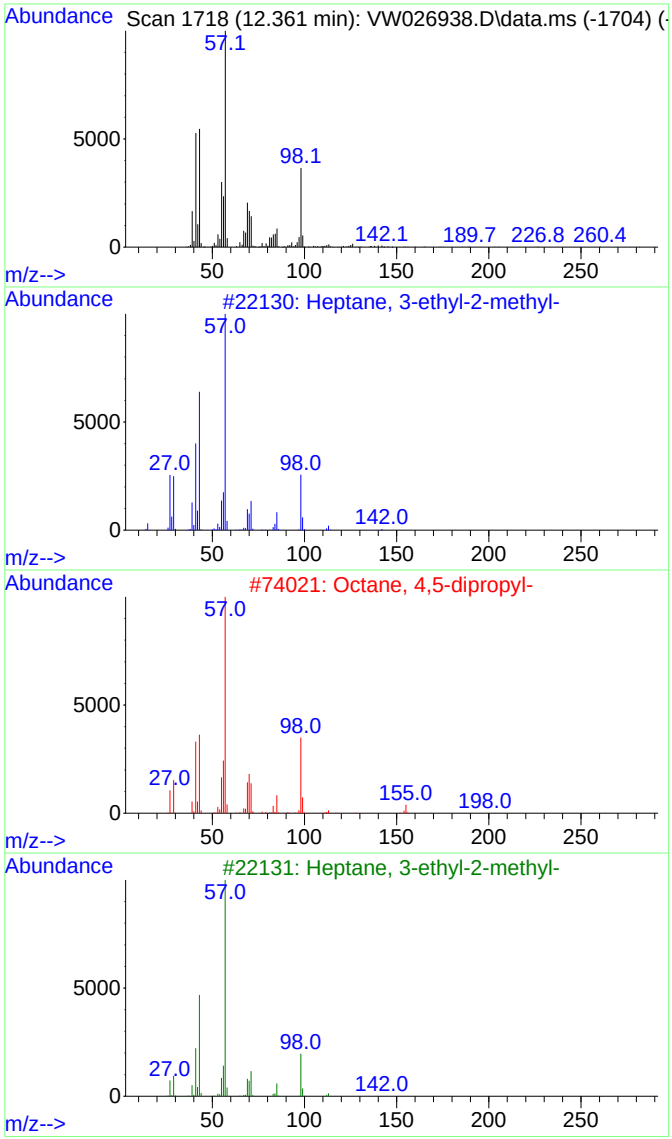
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

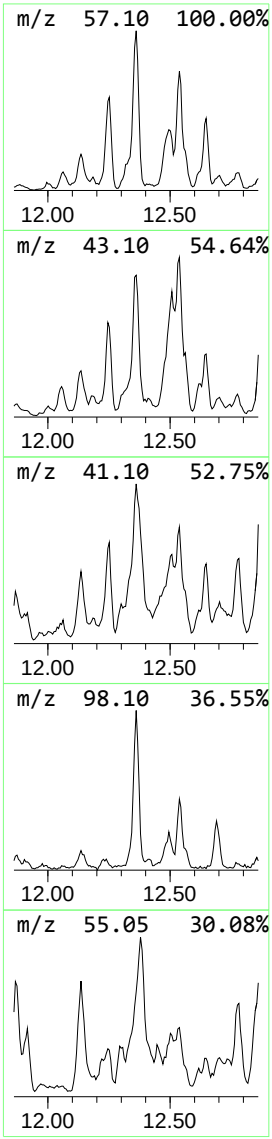
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	47.51 ug/L	779992	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
2	Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	72
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

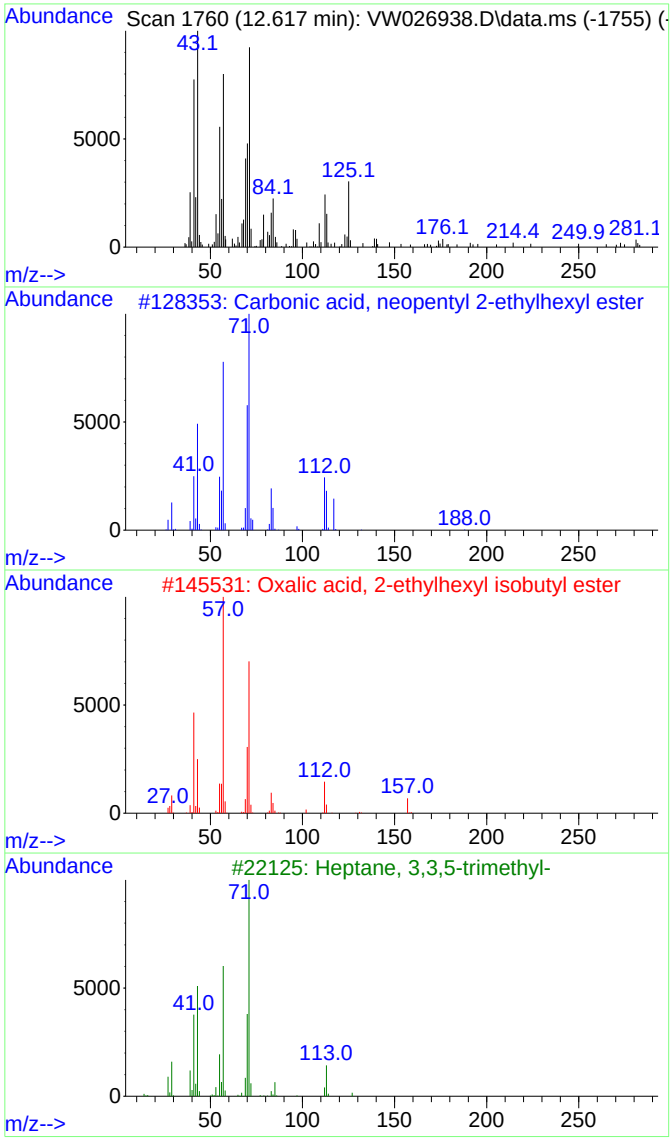
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

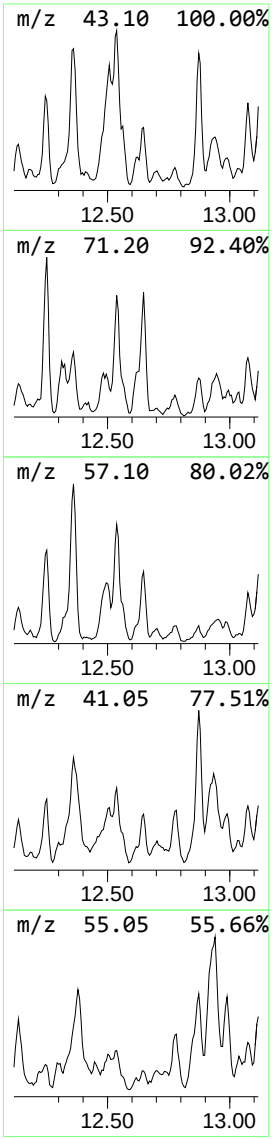
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Carbonic acid, neopentyl 2-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.617	9.06 ug/L	63365	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	64
2	Oxalic acid, 2-ethylhexyl isobut...	258	C14H26O4	1010309-38-5	53
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
4	Oxalic acid, octyl propyl ester	244	C13H24O4	1010309-26-1	47
5	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

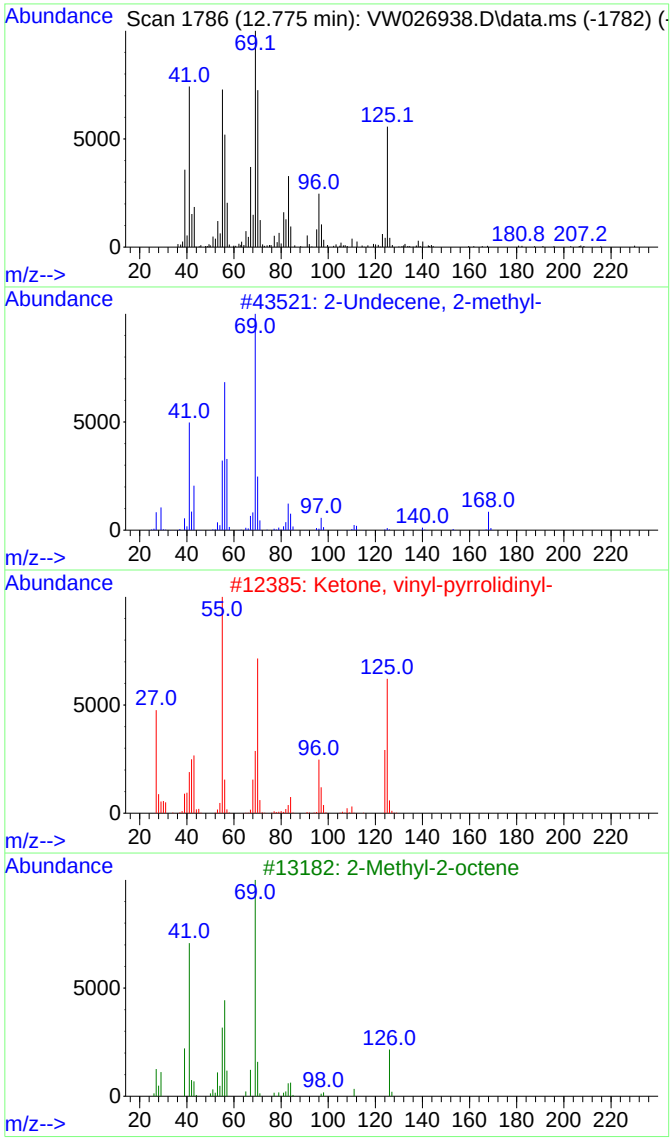
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

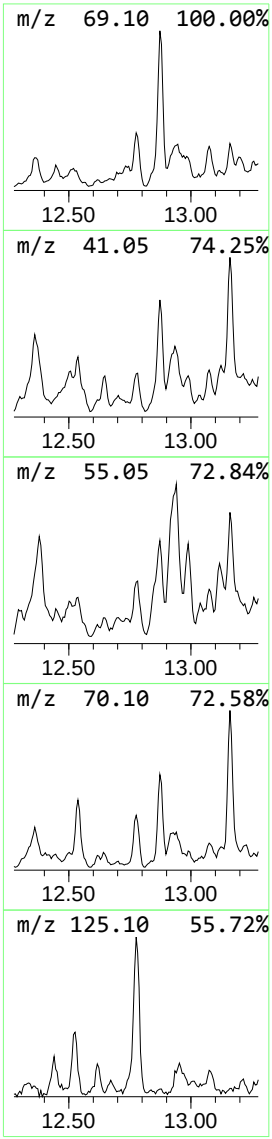
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	34.80 ug/L	243306	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecene, 2-methyl-	168	C12H24	056888-88-1	47
2	Ketone, vinyl-pyrrolidinyl-	125	C7H11NO	042104-70-1	46
3	2-Methyl-2-octene	126	C9H18	016993-86-5	46
4	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	43
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

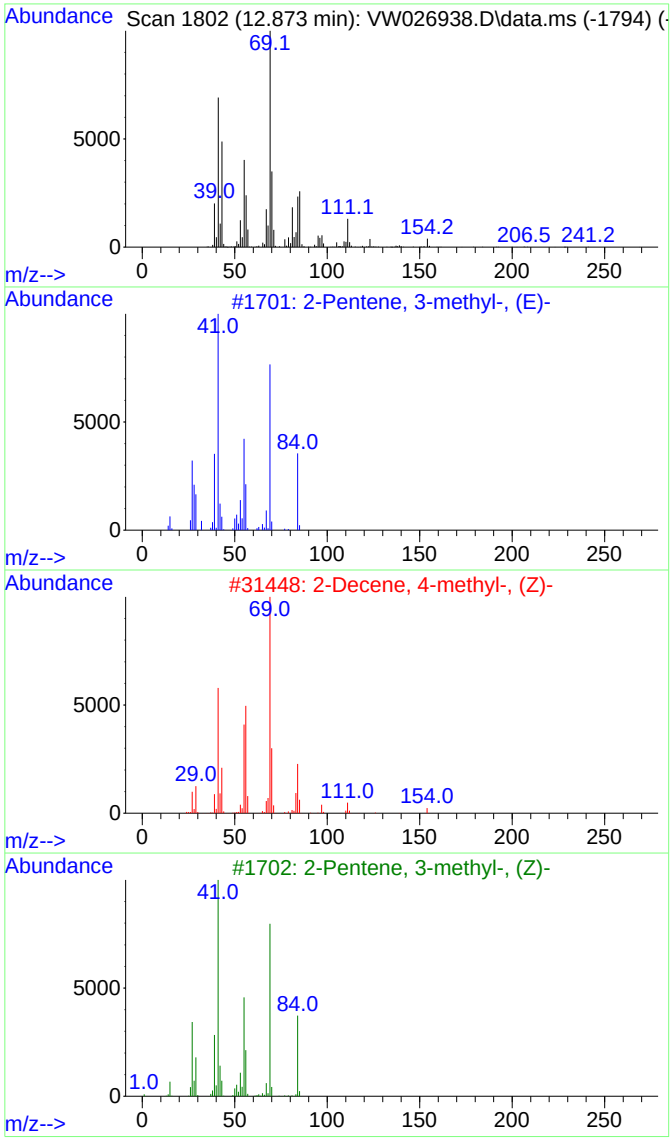
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

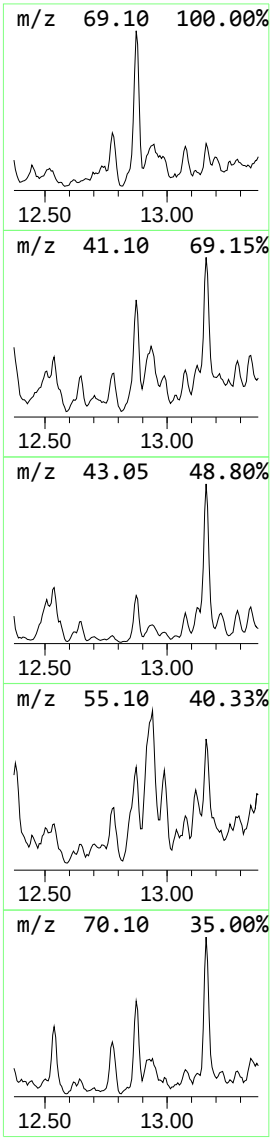
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	76.62 ug/L	535753	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	64
2	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	62
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	52
4	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	50
5	Cyclopropane, (1,2-dimethylpropyl)-	112	C8H16	006976-27-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

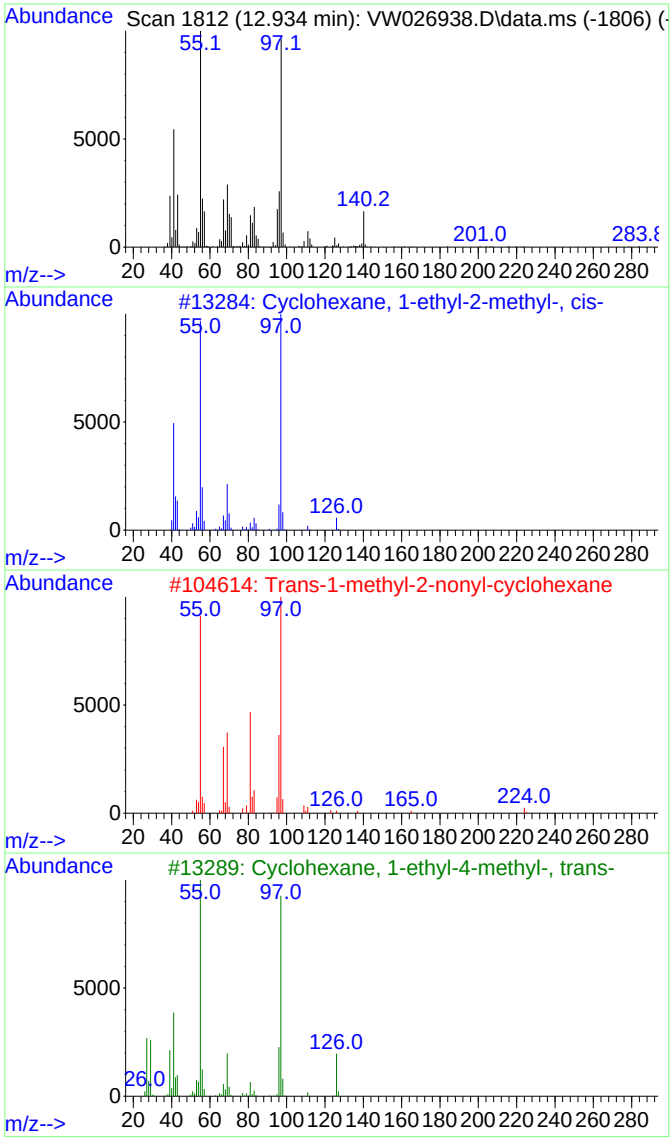
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

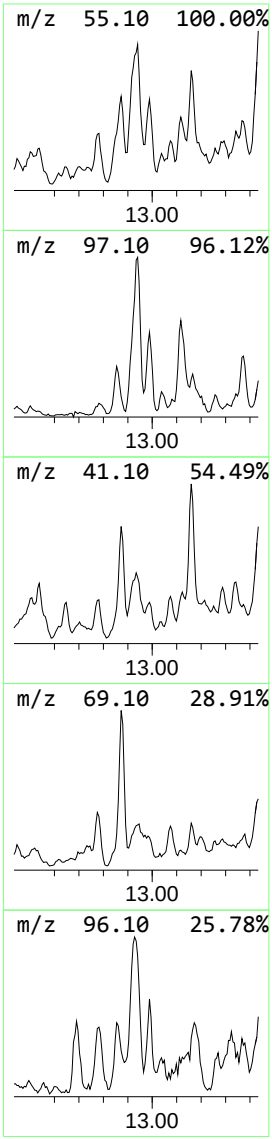
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Cyclic12.934 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.934	53.95 ug/L	377220	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	53
2	Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	53
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	53
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

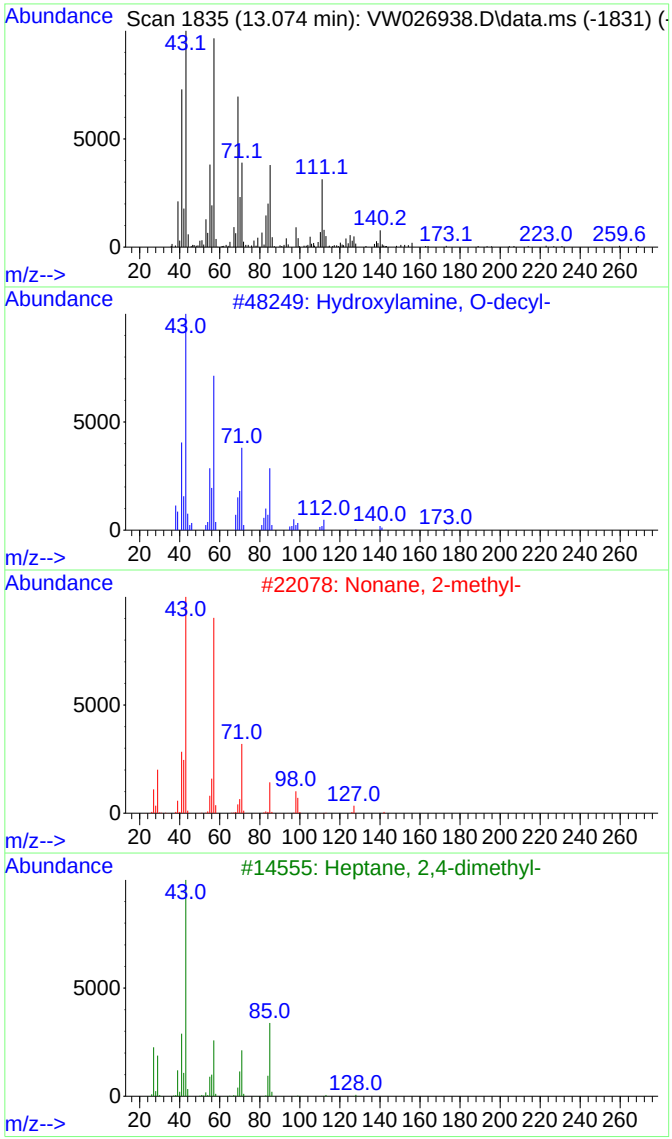
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

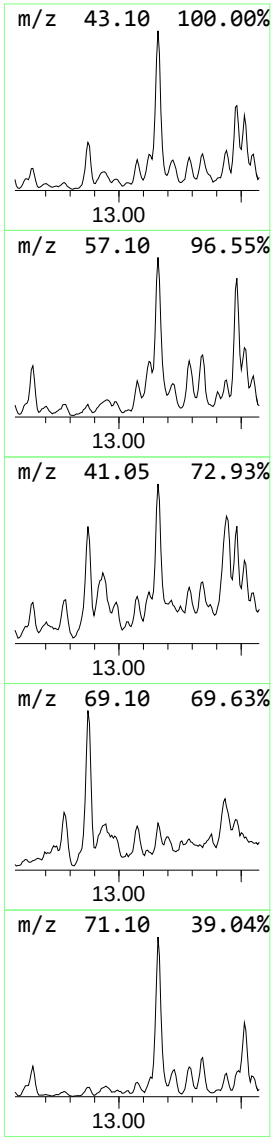
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Hydroxylamine, O-decyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	20.91 ug/L	146199	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	70
2	Nonane, 2-methyl-	142	C10H22	000871-83-0	49
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	49
4	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	47
5	Octane, 4-ethyl-	142	C10H22	015869-86-0	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

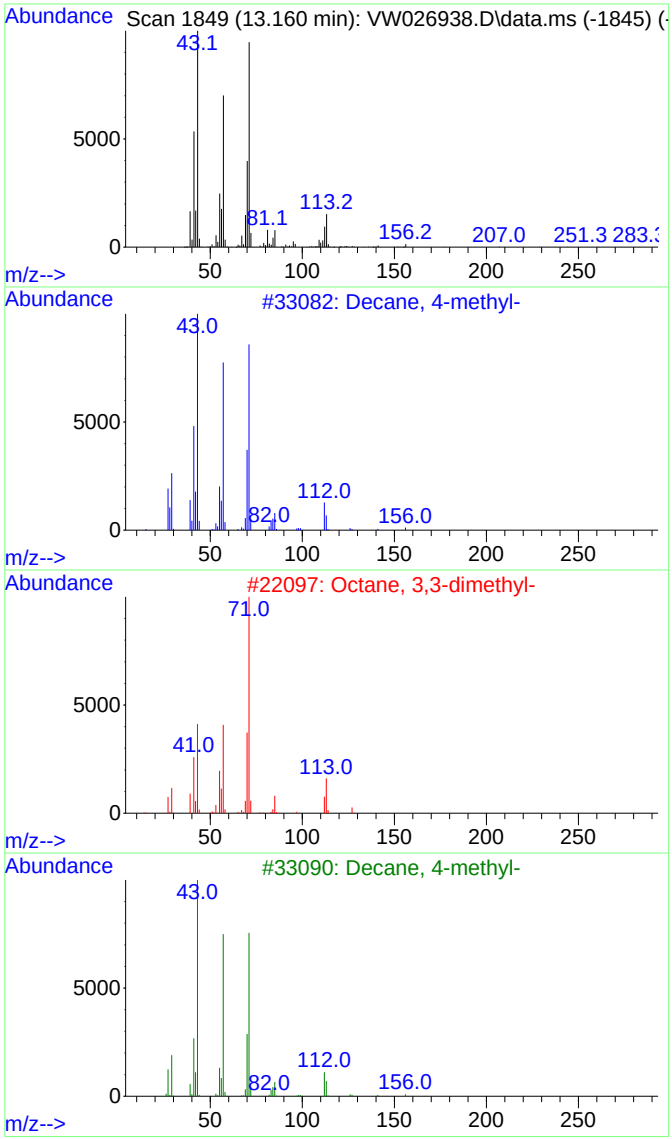
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

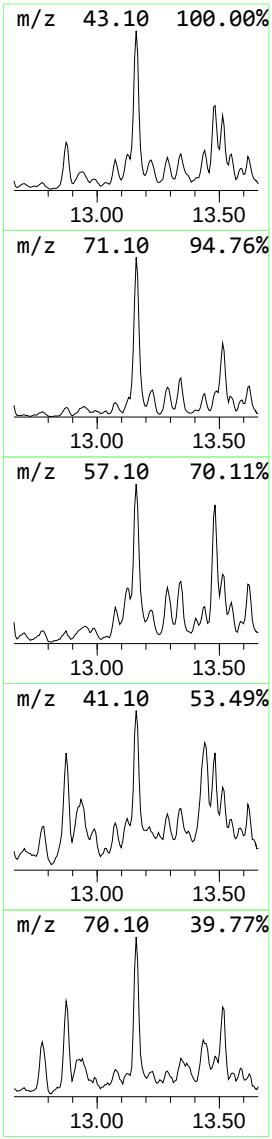
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	76.29 ug/L	533399	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	90
2	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
3	Decane, 4-methyl-	156	C11H24	002847-72-5	72
4	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

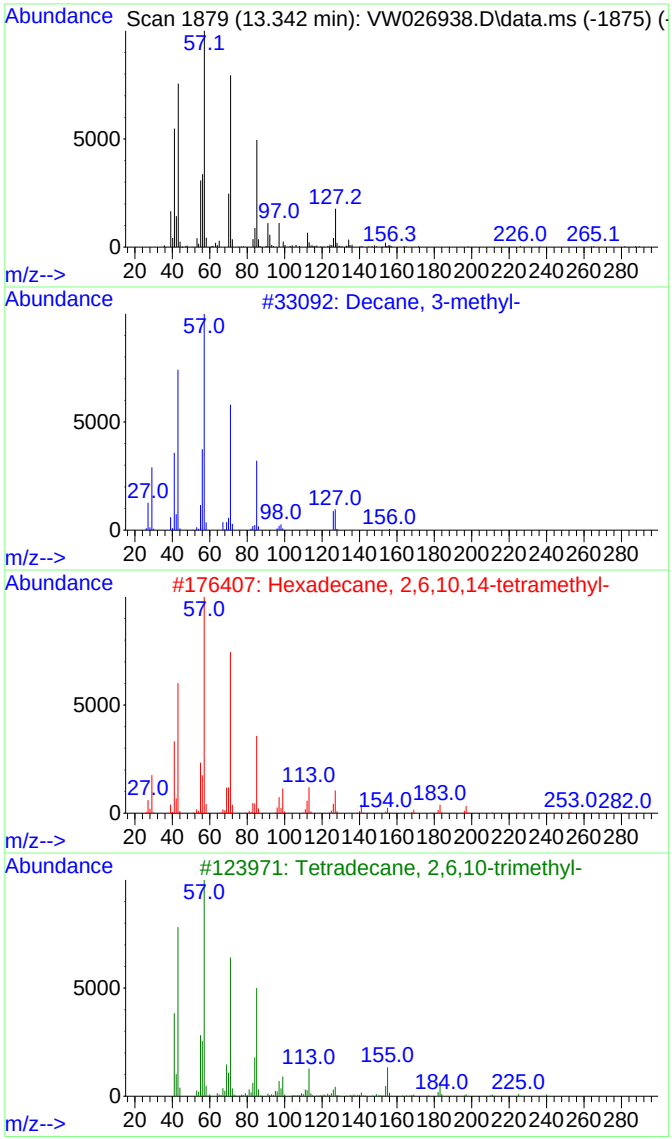
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

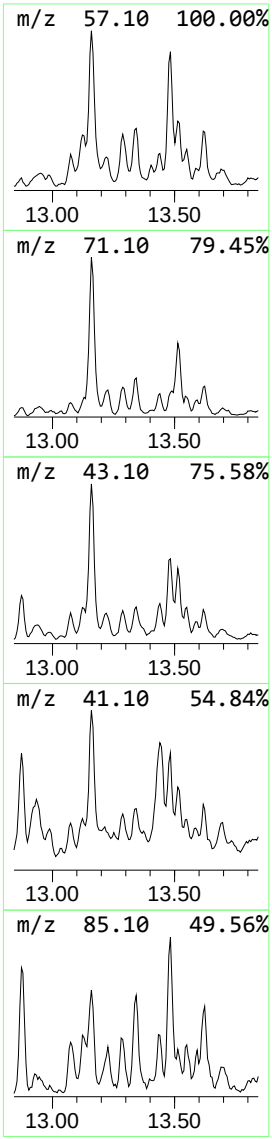
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.342	19.09 ug/L	133486	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	80
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

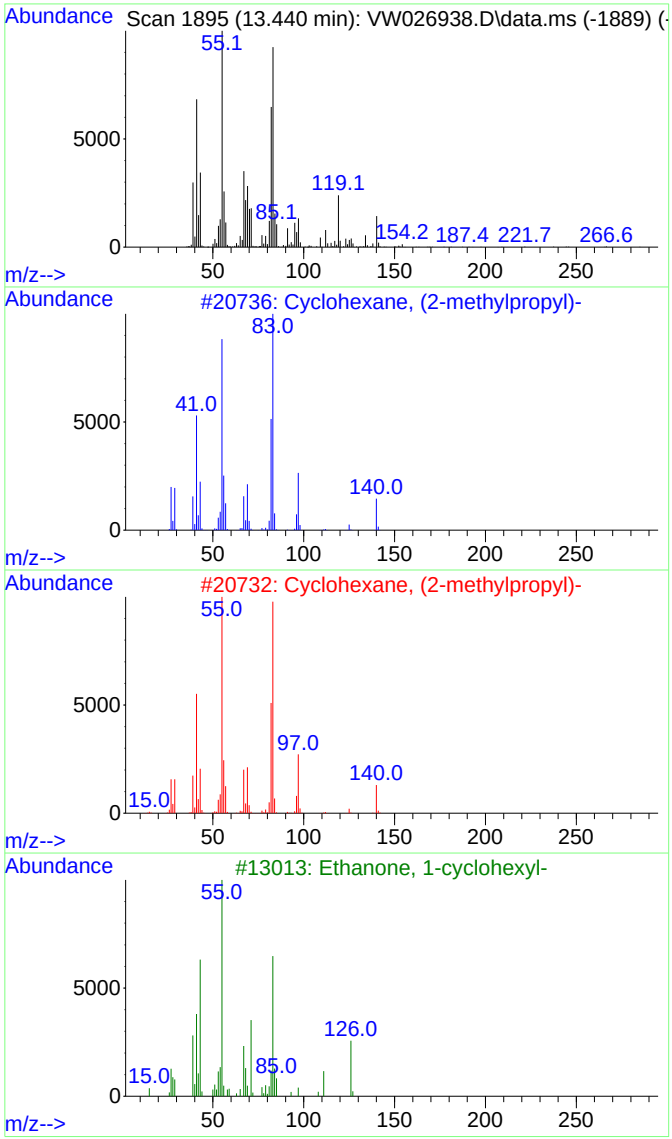
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

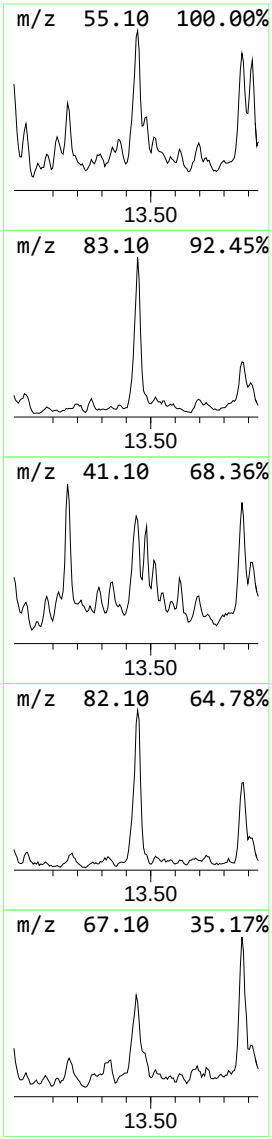
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Cyclic13.440 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.440	95.21 ug/L	665695	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	60
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	60
3	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	52
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	52
5	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

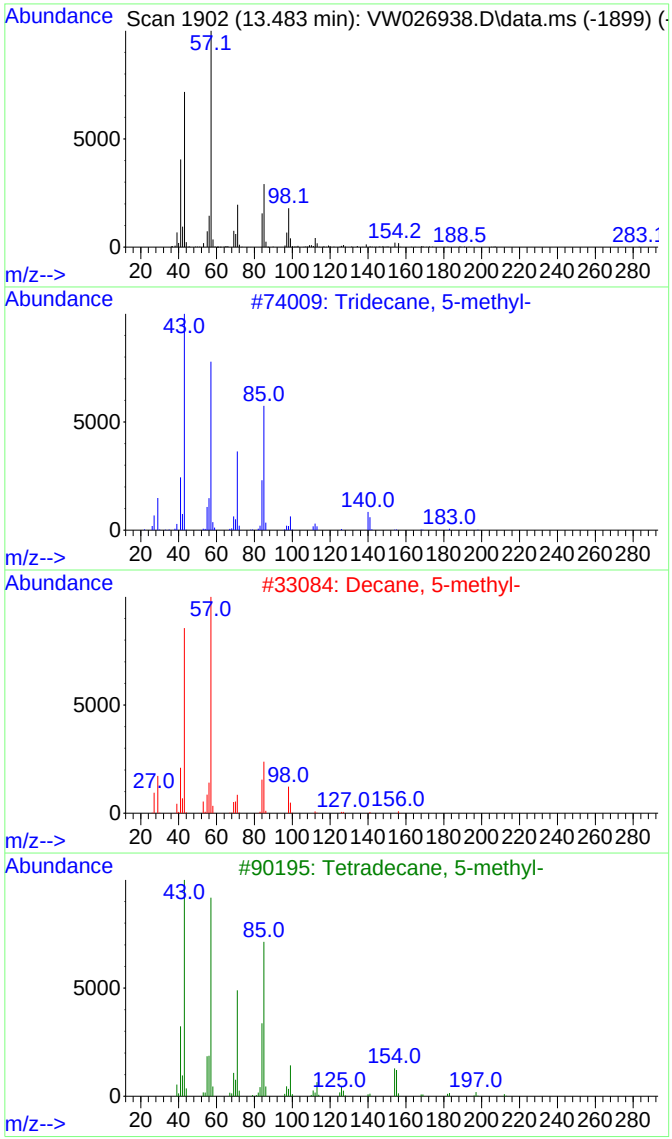
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

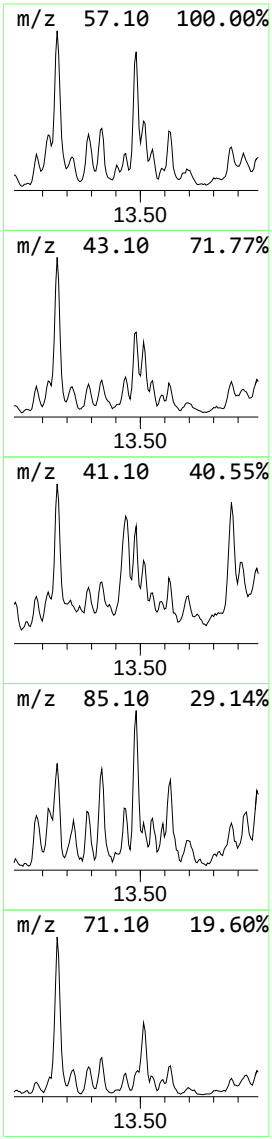
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.483	47.26 ug/L	330417	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-methyl-	198	C14H30	025117-31-1	59
2	Decane, 5-methyl-	156	C11H24	013151-35-4	58
3	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	53
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
5	Undecane	156	C11H24	001120-21-4	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

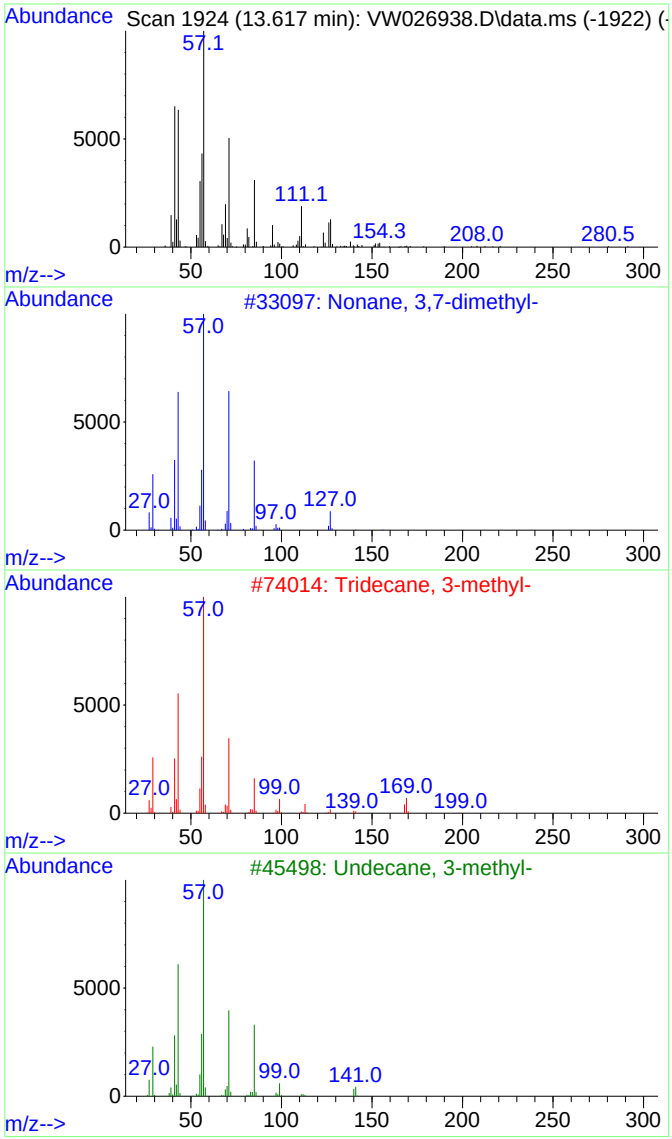
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

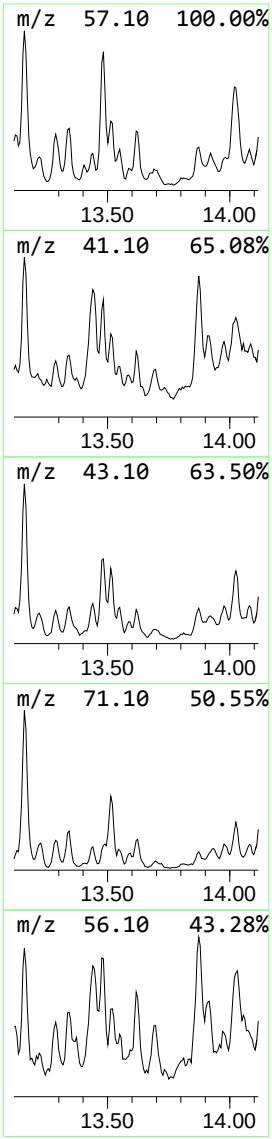
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.617	11.33 ug/L	79226	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	52
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	47
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	43
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
5	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

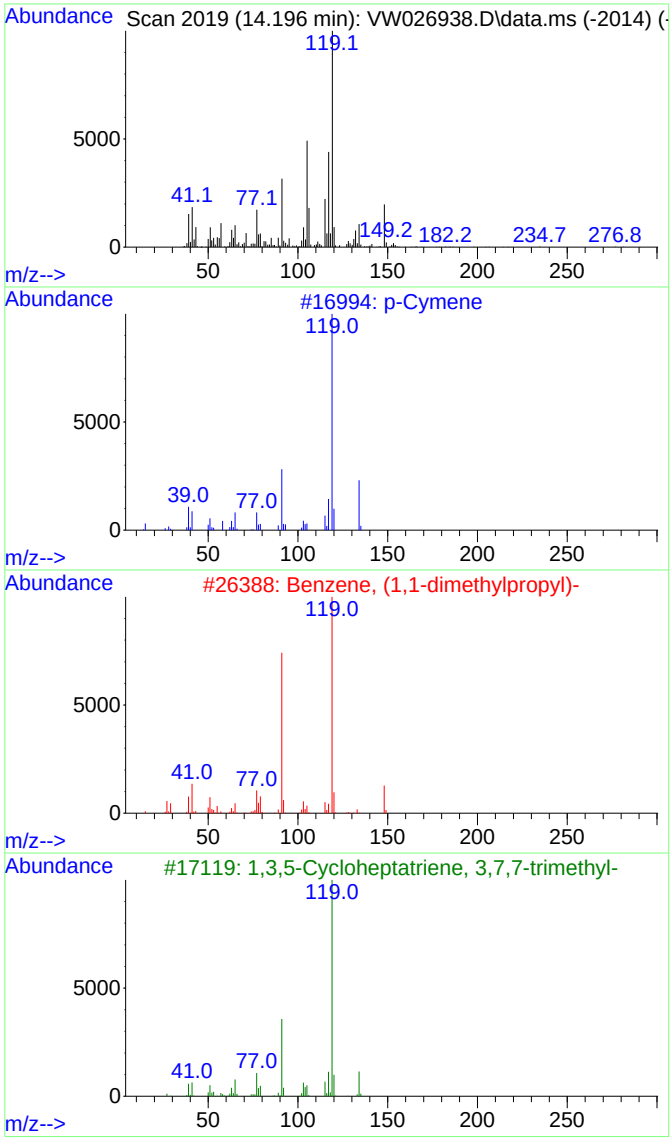
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

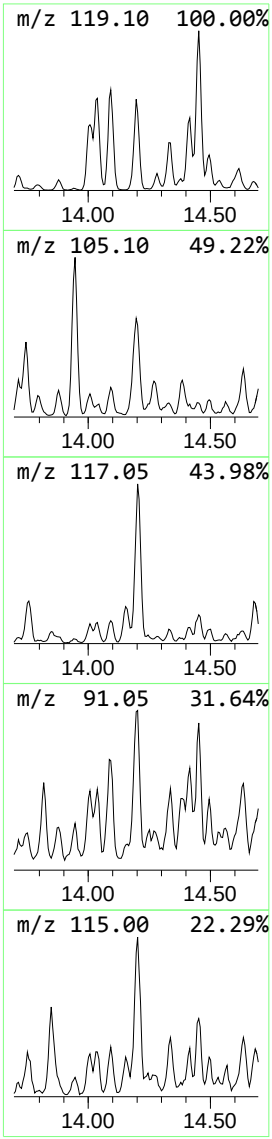
****

Peak Number 40 p-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.196	67.69 ug/L	473262	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	53
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	47
3	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	46
4	4'-Methylpropiophenone	148	C10H12O	005337-93-9	43
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

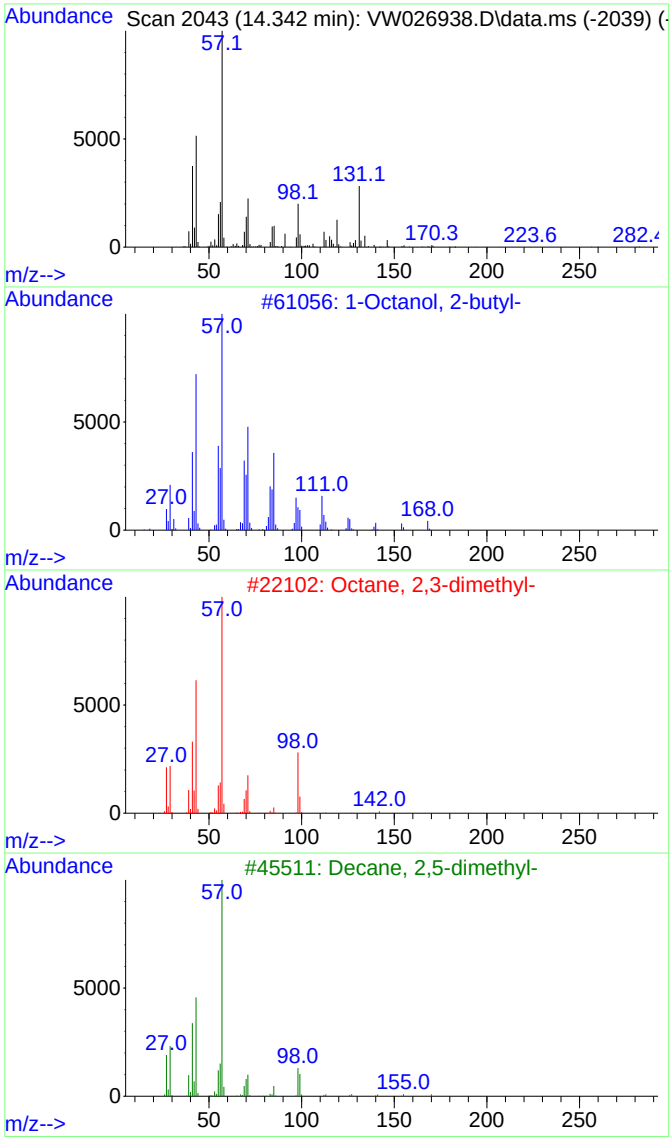
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

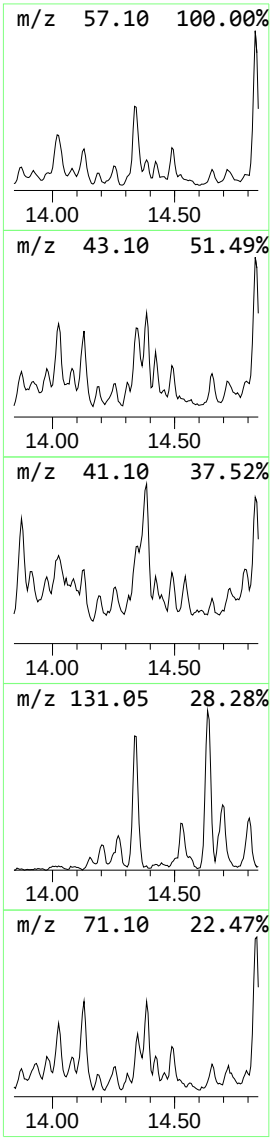
****

Peak Number 41 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.342	47.48 ug/L	331948	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	43
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43
3	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	43
4	Pentadecafluorooctanoic acid, 2-...	526	C16H17F15O2	1000406-80-9	43
5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

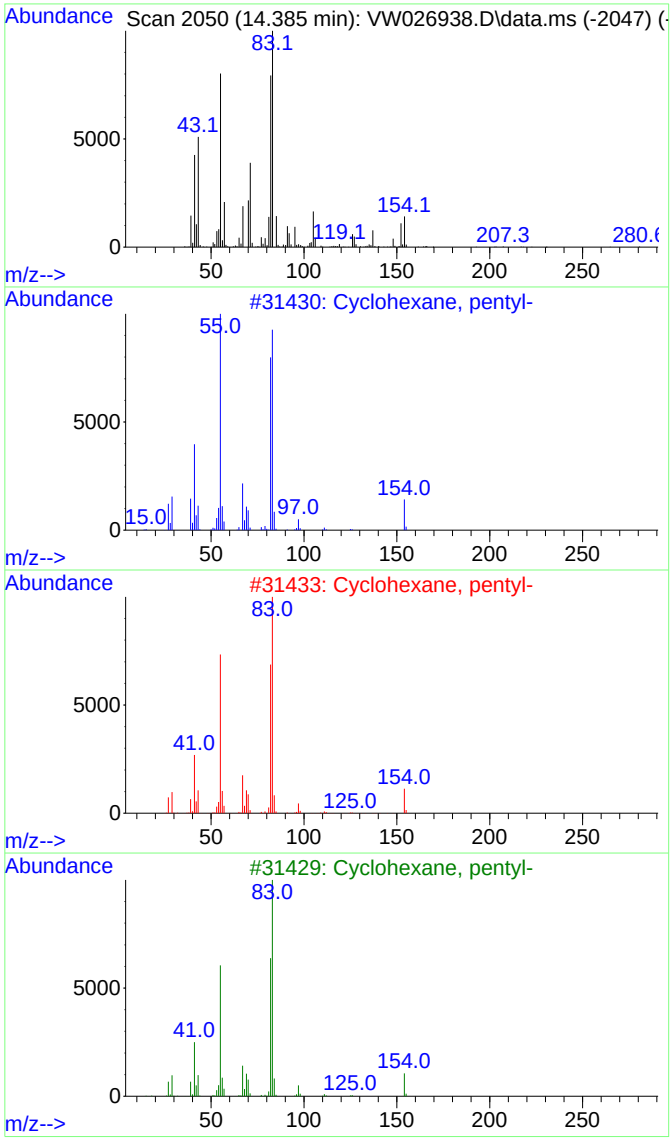
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

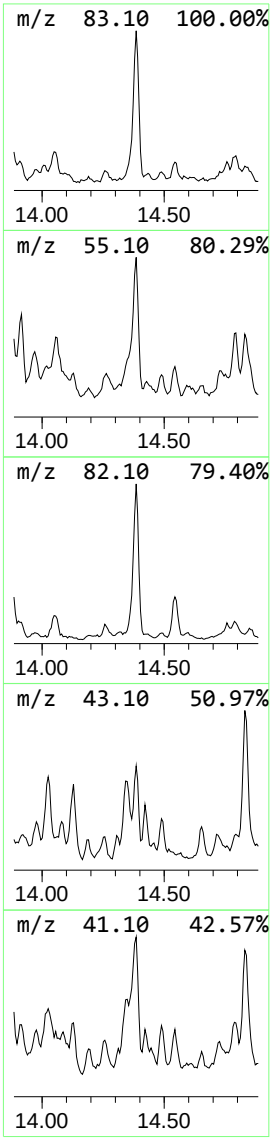
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Cyclic14.385 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.385	79.02 ug/L	552479	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	50
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

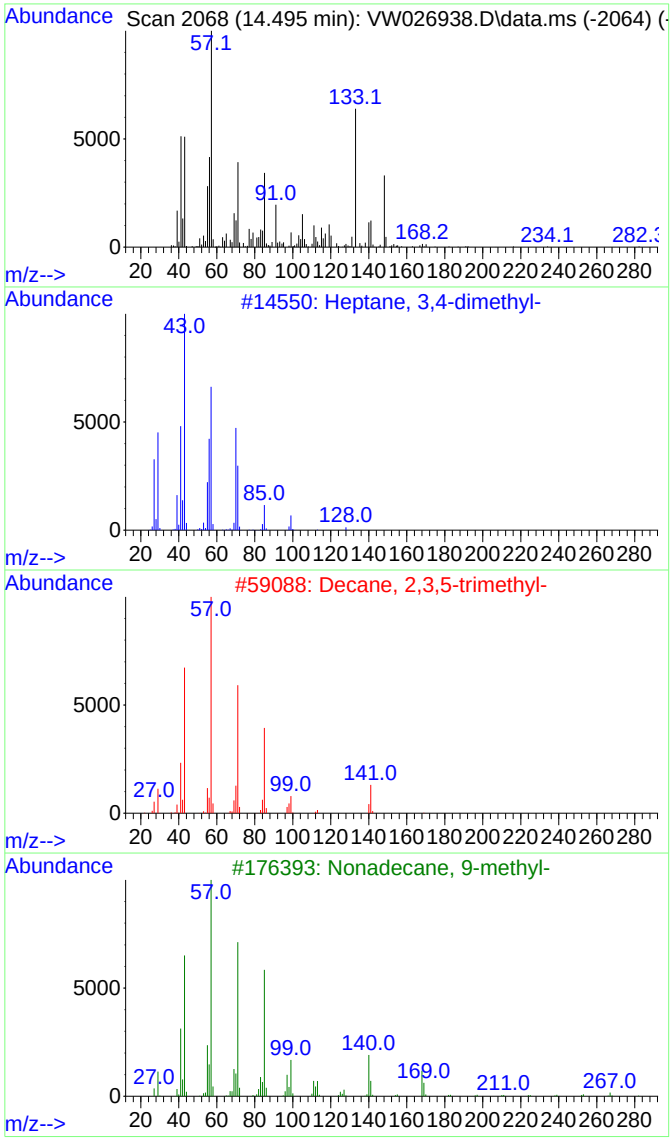
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

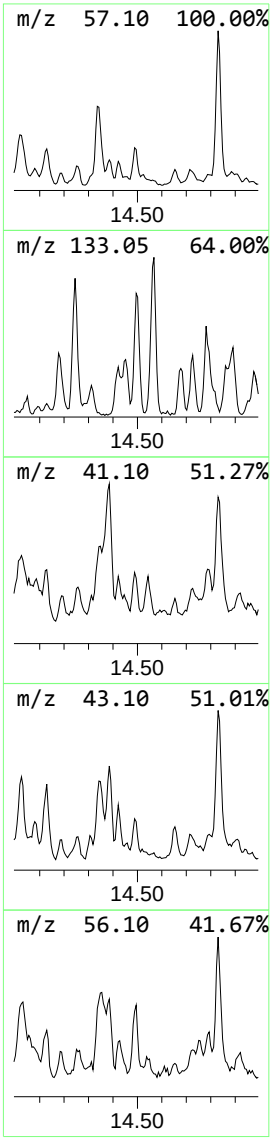
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	32.80 ug/L	229358	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	38
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	35
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	35
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	30
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

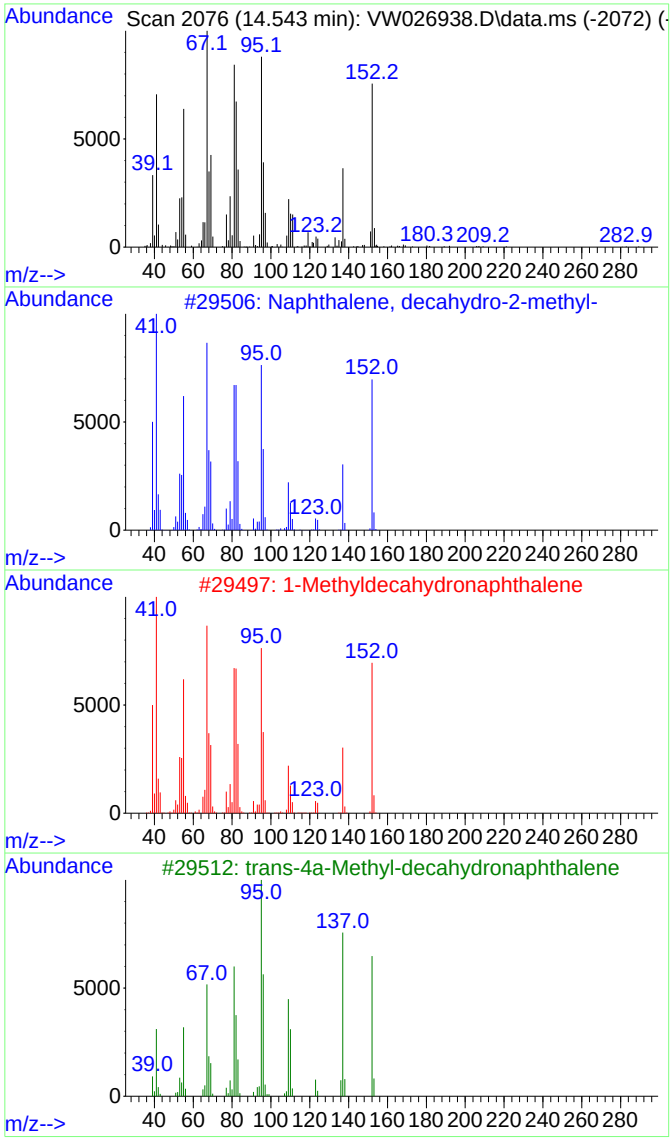
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

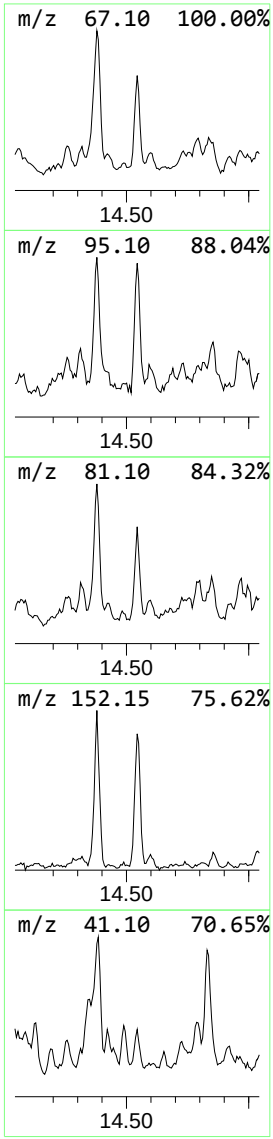
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Naphthalene, decahydro-2-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	42.91 ug/L	300002	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	98
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	98
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	89
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	87
5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

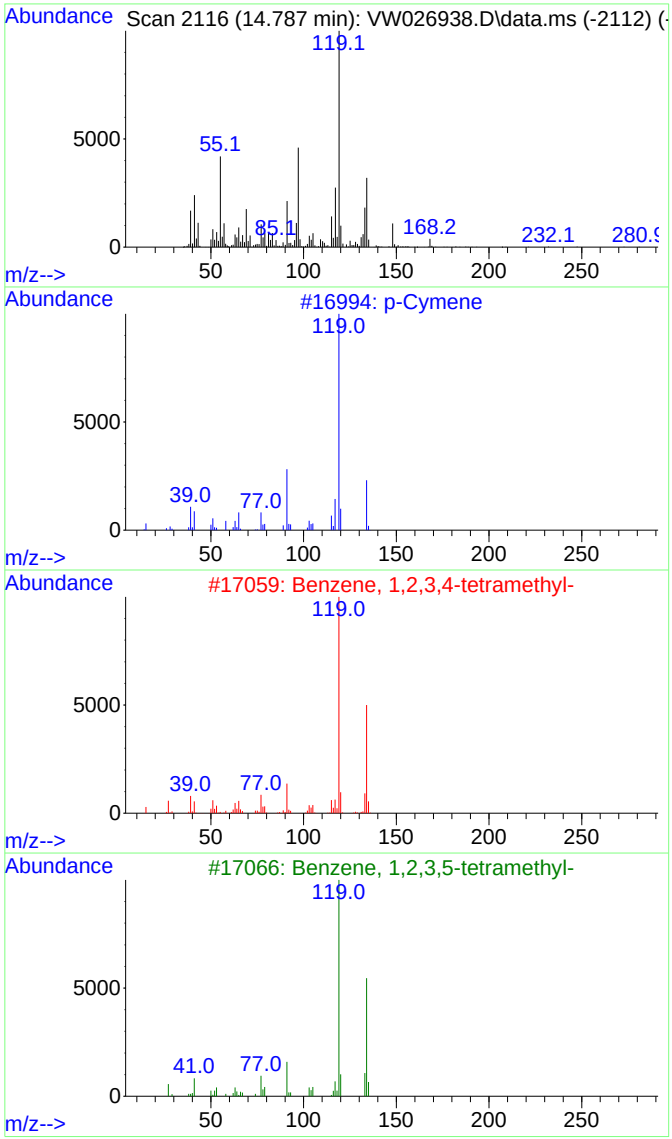
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

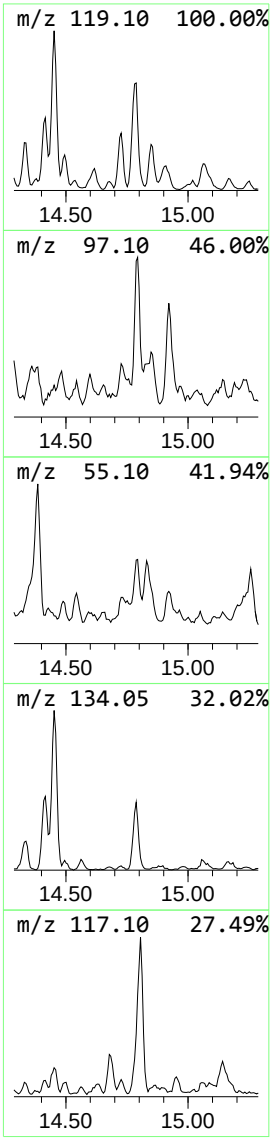
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	81.40 ug/L	569132	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	60
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	60
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

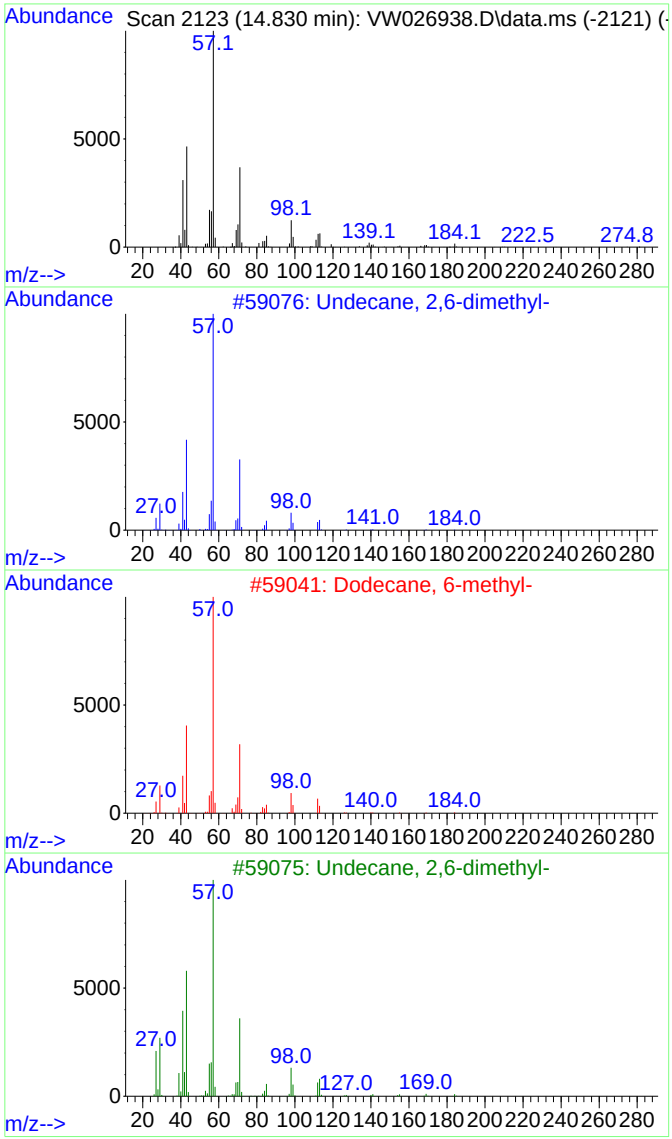
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

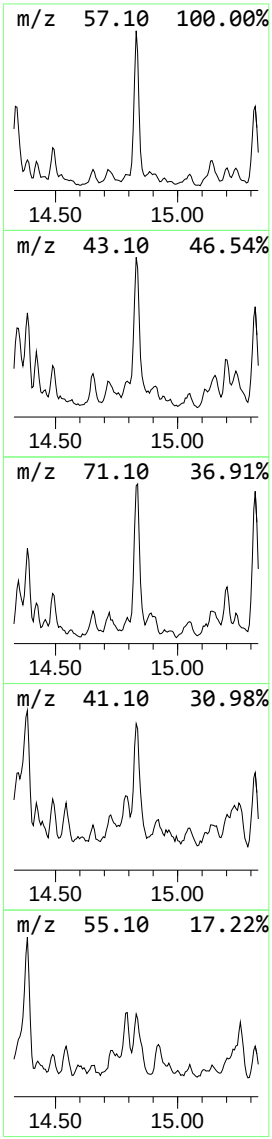
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	99.43 ug/L	695211	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	91
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

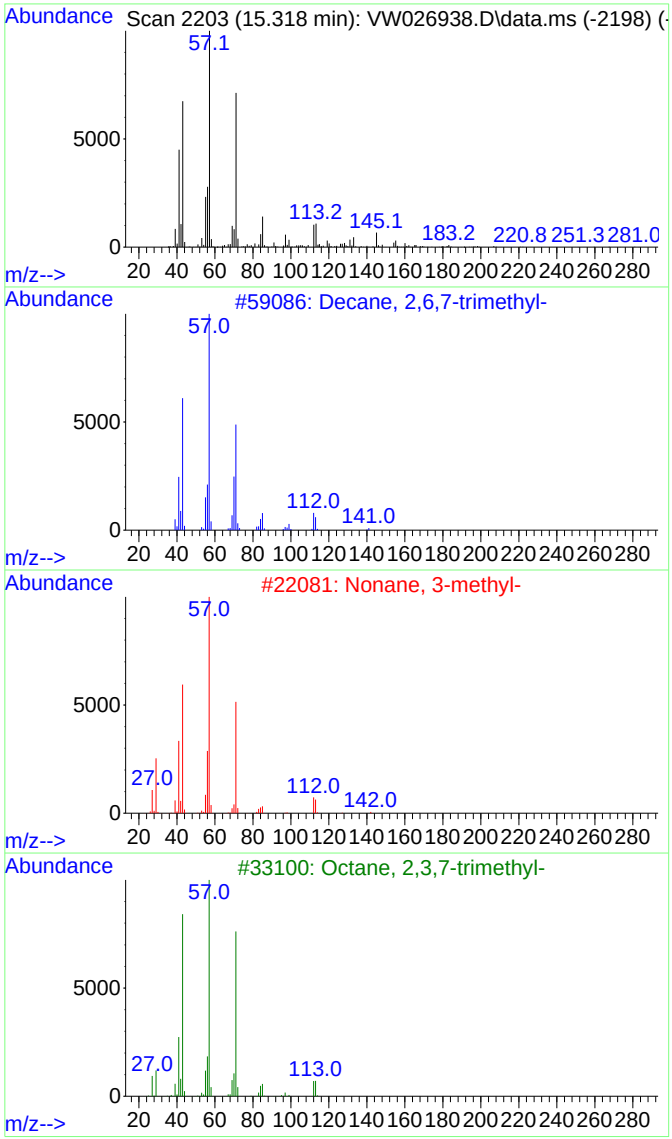
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

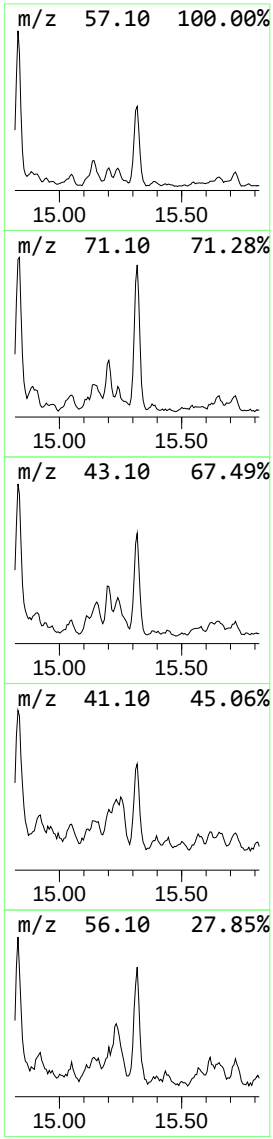
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	69.20 ug/L	483867	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	72
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59
4	Octane, 2-methyl-	128	C9H20	003221-61-2	58
5	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
Data File : VW026938.D
Acq On : 28 Aug 2023 13:58
Operator : SY/MD
Sample : 04175-10RE
Misc : 5.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYK4RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.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
unknown-01	2.235	2.3	ug/L	20105	1	8.843	222350	25.0
3-Buten-1-ol	3.387	3.2	ug/L	28062	1	8.843	222350	25.0
Acetamide, N-2-...	5.435	5.0	ug/L	44138	1	8.843	222350	25.0
(DEL) Alkane: S...	5.947	4.9	ug/L	43475	1	8.843	222350	25.0
(DEL) Alkane: C...	6.996	2.5	ug/L	21767	1	8.843	222350	25.0
(DEL) Alkane: S...	8.032	3.4	ug/L	30036	1	8.843	222350	25.0
(DEL) Alkane: S...	8.154	6.1	ug/L	53939	1	8.843	222350	25.0
(DEL) Alkane: C...	8.429	2.2	ug/L	19348	1	8.843	222350	25.0
Cyclobutanone, ...	8.569	2.6	ug/L	23536	1	8.843	222350	25.0
(DEL) Alkane: S...	8.697	4.8	ug/L	42645	1	8.843	222350	25.0
(DEL) Alkane: C...	9.520	2.5	ug/L	21829	1	8.843	222350	25.0
(DEL) Alkane: C...	9.611	2.9	ug/L	25568	1	8.843	222350	25.0
(DEL) Alkane: C...	9.746	3.3	ug/L	29174	1	8.843	222350	25.0
N-(2-Methylbuty...	9.953	5.2	ug/L	46399	1	8.843	222350	25.0
(DEL) Alkane: S...	10.093	10.3	ug/L	91559	1	8.843	222350	25.0
(DEL) Alkane: S...	10.502	5.8	ug/L	95776	2	11.629	410408	25.0
(DEL) Alkane: C...	10.666	4.5	ug/L	73372	2	11.629	410408	25.0
(DEL) Alkane: C...	10.764	2.3	ug/L	38331	2	11.629	410408	25.0
(DEL) Alkane: S...	11.032	2.4	ug/L	39635	2	11.629	410408	25.0
(DEL) Alkane: C...	11.178	6.8	ug/L	112400	2	11.629	410408	25.0
(DEL) Alkane: C...	11.227	8.1	ug/L	133643	2	11.629	410408	25.0
unknown-02	11.282	1.7	ug/L	28555	2	11.629	410408	25.0
(DEL) Alkane: S...	11.337	3.7	ug/L	61311	2	11.629	410408	25.0
(DEL) Alkane: S...	11.404	13.1	ug/L	214447	2	11.629	410408	25.0
(DEL) Alkane: S...	11.514	7.3	ug/L	119320	2	11.629	410408	25.0
(DEL) Alkane: C...	11.971	1.5	ug/L	25343	2	11.629	410408	25.0
(DEL) Alkane: S...	12.251	10.4	ug/L	170765	2	11.629	410408	25.0
(DEL) Alkane: S...	12.361	47.5	ug/L	779992	2	11.629	410408	25.0
Carbonic acid, ...	12.617	9.1	ug/L	63365	3	13.556	174798	25.0
(DEL) Alkane: S...	12.775	34.8	ug/L	243306	3	13.556	174798	25.0
(DEL) Alkane: S...	12.873	76.6	ug/L	535753	3	13.556	174798	25.0
(DEL) Alkane: C...	12.934	54.0	ug/L	377220	3	13.556	174798	25.0
Hydroxylamine, ...	13.074	20.9	ug/L	146199	3	13.556	174798	25.0
(DEL) Alkane: S...	13.160	76.3	ug/L	533399	3	13.556	174798	25.0
(DEL) Alkane: S...	13.342	19.1	ug/L	133486	3	13.556	174798	25.0
(DEL) Alkane: C...	13.440	95.2	ug/L	665695	3	13.556	174798	25.0
(DEL) Alkane: S...	13.483	47.3	ug/L	330417	3	13.556	174798	25.0
(DEL) Alkane: S...	13.617	11.3	ug/L	79226	3	13.556	174798	25.0
p-Cymene	14.196	67.7	ug/L	473262	3	13.556	174798	25.0
unknown-03	14.342	47.5	ug/L	331948	3	13.556	174798	25.0
(DEL) Alkane: C...	14.385	79.0	ug/L	552479	3	13.556	174798	25.0
(DEL) Alkane: S...	14.495	32.8	ug/L	229358	3	13.556	174798	25.0
Naphthalene, de...	14.543	42.9	ug/L	300002	3	13.556	174798	25.0
Benzene, 1,2,3,...	14.787	81.4	ug/L	569132	3	13.556	174798	25.0
(DEL) Alkane: S...	14.830	99.4	ug/L	695211	3	13.556	174798	25.0
(DEL) Alkane: S...	15.318	69.2	ug/L	483867	3	13.556	174798	25.0