LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077204.D
Acq On : 22 Sep 2023 17:25
Operator : JC/SY
Sample : 04527-13
Misc : 5.62G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYY6

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_D\Method\SFAMDLM090123SMA.M
Title : SFAM01.0

Signal : TIC: VD077204.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.628	6	7	11	rBV2	826	981	0.01%	0.003%
2	1.728	14	24	35	rVV	61482	111543	1.59%	0.385%
3	1.887	48	51	56	rVB2	8019	11155	0.16%	0.039%
4	2.105	84	88	92	rBV	5948	6784	0.10%	0.023%
5	2.146	92	95	99	rBV3	2208	3198	0.05%	0.011%
6	2.269	110	116	125	rVB	133026	211600	3.02%	0.731%
7	2.358	128	131	132	rBV	734	832	0.01%	0.003%
8	2.422	139	142	148	rVB2	3011	3289	0.05%	0.011%
9	2.475	148	151	154	rBV	942	1191	0.02%	0.004%
10	2.528	158	160	161	rBV	1075	866	0.01%	0.003%
11	2.552	161	164	170	rBV4	2714	5313	0.08%	0.018%
12	2.799	200	206	215	rBV	103452	187184	2.67%	0.647%
13	2.940	226	230	238	rVB4	12451	26135	0.37%	0.090%
14	3.440	312	315	316	rVB2	640	632	0.01%	0.002%
15	3.552	331	334	337	rBV2	742	1191	0.02%	0.004%
16	3.681	355	356	359	rVB	1076	1003	0.01%	0.003%
17	3.716	359	362	363	rBV2	606	717	0.01%	0.002%
18	3.734	363	365	368	rVV	1132	810	0.01%	0.003%
19	3.822	378	380	383	rBV2	726	886	0.01%	0.003%
20	3.911	385	395	406	rBV3	101659	278792	3.98%	0.963%
21	4.228	448	449	451	rBV	875	692	0.01%	0.002%
22	4.369	470	473	474	rBV	903	859	0.01%	0.003%
23	4.475	489	491	494	rBV	840	714	0.01%	0.002%
24	4.587	508	510	511	rVB	1128	681	0.01%	0.002%
25	4.599	511	512	515	rBV	501	617	0.01%	0.002%
26	4.693	526	528	532	rBV2	898	1168	0.02%	0.004%
27	4.799	537	546	553	rBV5	12316	40466	0.58%	0.140%
28	4.993	577	579	581	rBV	1068	729	0.01%	0.003%
29	5.093	594	596	598	rBV	860	932	0.01%	0.003%
30	5.116	598	600	605	rVV2	1189	1467	0.02%	0.005%
31	5.287	626	629	630	rBV2	937	1182	0.02%	0.004%
32	5.311	630	633	634	rBV2	1854	1951	0.03%	0.007%
33	5.452	653	657	660	rBV2	757	1395	0.02%	0.005%
34	5.834	712	722	732	rBV4	8397	25188	0.36%	0.087%
35	5.940	739	740	745	rVV2	559	757	0.01%	0.003%
36	6.034	753	756	757	rBV	817	752	0.01%	0.003%

LSC Area Percent Report

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Sample : 04527-13
Misc : 5.62G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYY6

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_D\Method\SFAMDLM090123SMA.M
Title : SFAM01.0

37	6.222	782	788	790	rBV2	879	1352	0.02%	0.005%
38	6.240	790	791	794	rBV	718	695	0.01%	0.002%
39	6.393	814	817	820	rBV	722	1203	0.02%	0.004%
40	6.887	894	901	904	rBV5	5597	11711	0.17%	0.040%
41	6.993	909	919	927	rBV2	22225	69043	0.99%	0.239%
42	7.163	946	948	950	rBV	948	1011	0.01%	0.003%
43	7.340	977	978	982	rVB2	879	666	0.01%	0.002%
44	7.493	1001	1004	1005	rBV2	704	741	0.01%	0.003%
45	7.599	1010	1022	1031	rVB3	150798	407529	5.82%	1.408%
46	7.863	1060	1067	1073	rBV8	8413	23497	0.34%	0.081%
47	7.952	1080	1082	1083	rBV	2701	2194	0.03%	0.008%
48	8.081	1098	1104	1111	rBV5	8306	20720	0.30%	0.072%
49	8.204	1114	1125	1141	rBV2	297723	962508	13.74%	3.325%
50	8.440	1159	1165	1169	rBV5	4563	8174	0.12%	0.028%
51	8.504	1171	1176	1184	rVB4	11035	22087	0.32%	0.076%
52	8.634	1191	1198	1205	rBV4	16938	37505	0.54%	0.130%
53	8.775	1214	1222	1233	rBV	290045	586998	8.38%	2.028%
54	8.881	1238	1240	1242	rVV2	1338	835	0.01%	0.003%
55	8.957	1251	1253	1254	rBV	755	664	0.01%	0.002%
56	9.016	1254	1263	1276	rVB2	208310	452545	6.46%	1.563%
57	9.210	1287	1296	1303	rBV	207020	449142	6.41%	1.552%
58	9.451	1334	1337	1338	rBV	3372	3024	0.04%	0.010%
59	9.551	1349	1354	1357	rBV4	4975	7989	0.11%	0.028%
60	9.593	1360	1361	1363	rBV2	1999	1293	0.02%	0.004%
61	9.699	1373	1379	1383	rVB3	8483	14192	0.20%	0.049%
62	9.734	1383	1385	1386	rBV	1114	645	0.01%	0.002%
63	9.781	1390	1393	1394	rBV	934	717	0.01%	0.002%
64	9.904	1408	1414	1420	rBV5	13970	27952	0.40%	0.097%
65	9.975	1420	1426	1432	rVV	95986	171827	2.45%	0.594%
66	10.157	1455	1457	1461	rBV2	2135	1519	0.02%	0.005%
67	10.269	1468	1476	1483	rBV	425631	762184	10.88%	2.633%
68	10.328	1483	1486	1492	rVB	51902	88254	1.26%	0.305%
69	10.457	1501	1508	1513	rBV2	50370	85319	1.22%	0.295%
70	10.522	1514	1519	1525	rBV	65392	110619	1.58%	0.382%
71	10.663	1539	1543	1548	rBV3	4910	8655	0.12%	0.030%
72	10.798	1564	1566	1571	rVB4	5842	7373	0.11%	0.025%
73	10.881	1573	1580	1587	rBV2	88818	177915	2.54%	0.615%
74	10.987	1596	1598	1606	rBV6	3969	7103	0.10%	0.025%
75	11.128	1619	1622	1626	rVB4	11680	16415	0.23%	0.057%
76	11.181	1626	1631	1637	rBV3	24538	41500	0.59%	0.143%

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Sample : 04527-13
Misc : 5.62G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYY6

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_D\Method\SFAMDLM090123SMA.M
Title : SFAM01.0

77	11.293	1644	1650	1654	rBV5	12867	23013	0.33%	0.079%
78	11.469	1674	1680	1685	rBV3	28045	49909	0.71%	0.172%
79	11.581	1692	1699	1710	rBV	452838	781668	11.16%	2.700%
80	11.681	1711	1716	1723	rBV	24501	48622	0.69%	0.168%
81	11.798	1730	1736	1746	rVB3	270197	481909	6.88%	1.665%
82	12.122	1780	1791	1798	rBV2	69875	167220	2.39%	0.578%
83	12.210	1803	1806	1811	rVB2	36662	55337	0.79%	0.191%
84	12.292	1816	1820	1822	rBV5	23055	35104	0.50%	0.121%
85	12.740	1892	1896	1897	rBV3	25894	32675	0.47%	0.113%
86	12.828	1906	1911	1914	rBV	96748	159832	2.28%	0.552%
87	12.892	1917	1922	1929	rVB2	1199238	1778086	25.38%	6.142%
88	13.210	1971	1976	1982	rBV	329018	498713	7.12%	1.723%
89	13.516	2024	2028	2032	rBV	556800	828119	11.82%	2.861%
90	13.592	2038	2041	2047	rVB2	102284	142605	2.04%	0.493%
91	13.710	2058	2061	2065	rBV2	114354	153643	2.19%	0.531%
92	13.757	2065	2069	2072	rBV2	152468	222380	3.17%	0.768%
93	13.839	2075	2083	2088	rVV	4891785	7006921	100.00%	24.205%
94	14.469	2187	2190	2194	rBV	233597	276820	3.95%	0.956%
95	14.698	2224	2229	2234	rVB	2688460	3531018	50.39%	12.198%
96	14.763	2235	2240	2246	rBV3	966299	1832216	26.15%	6.329%
97	14.922	2264	2267	2276	rVB	859014	1352442	19.30%	4.672%
98	15.528	2366	2370	2379	rVB	1390513	2193605	31.31%	7.578%
99	16.398	2514	2518	2524	rBV	406065	811291	11.58%	2.803%
100	16.469	2526	2530	2538	rVB	563263	956112	13.65%	3.303%

Sum of corrected areas: 28948227

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
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Operator : JC/SY
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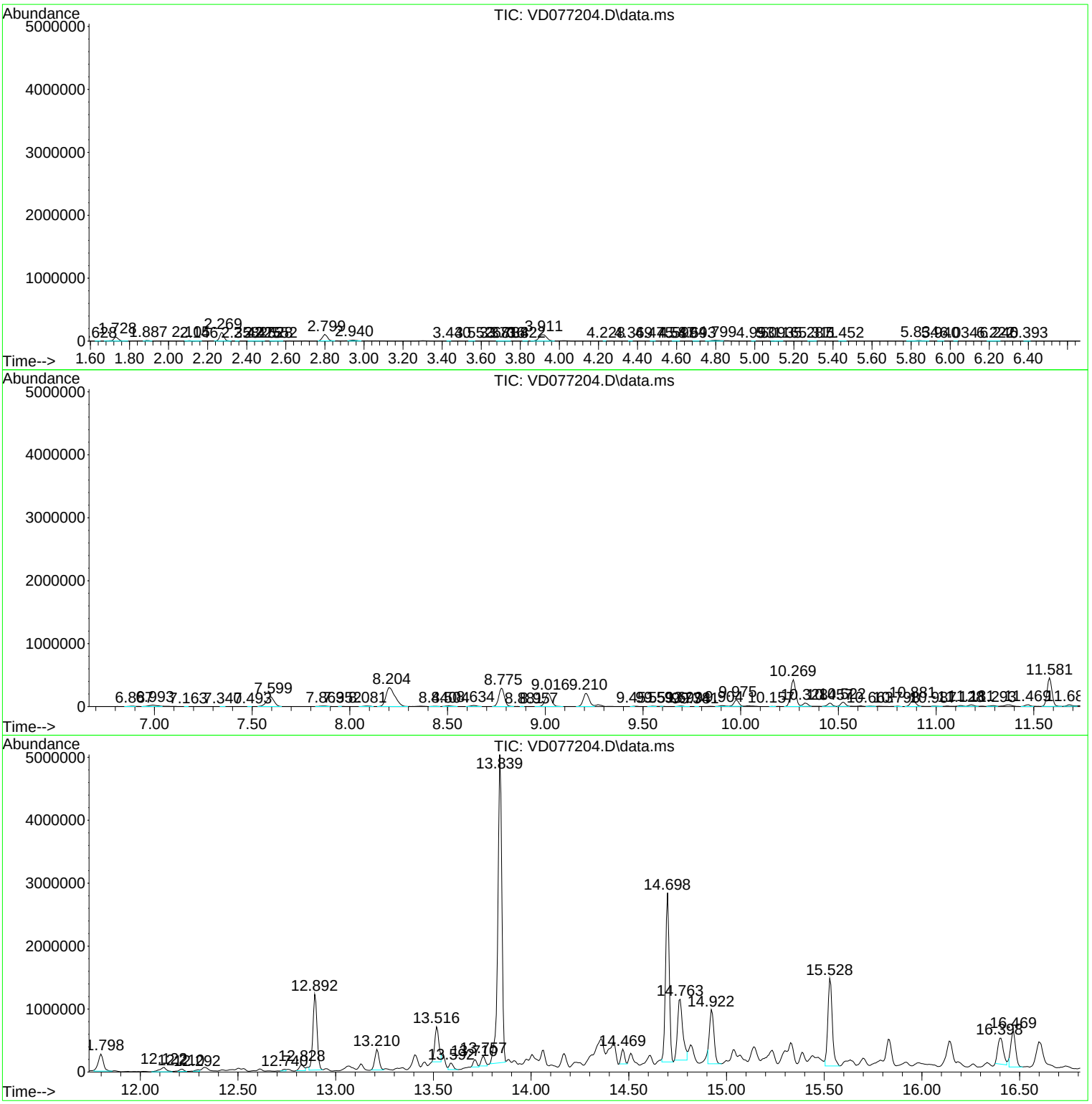
Misc : 5.62G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYY6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077204.D
Acq On : 22 Sep 2023 17:25
Operator : JC/SY
Sample : 04527-13
Misc : 5.62G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYY6

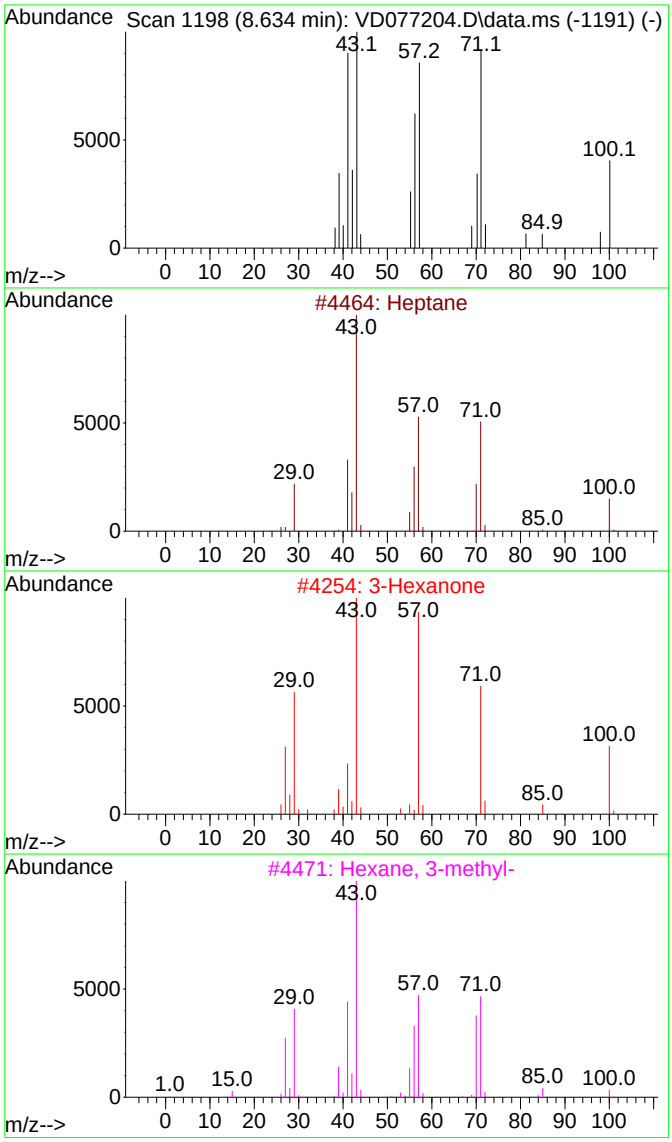
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

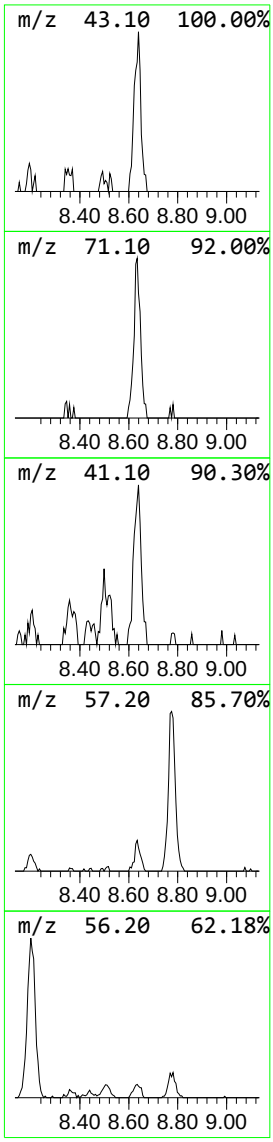
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.634	1.60 ug/L	37505	1,4-Difluorobenzene	8.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	72
2	3-Hexanone	100	C6H12O	000589-38-8	52
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	50
4	3-Hexanone	100	C6H12O	000589-38-8	47
5	Heptane	100	C7H16	000142-82-5	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077204.D
Acq On : 22 Sep 2023 17:25
Operator : JC/SY
Sample : 04527-13
Misc : 5.62G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYY6

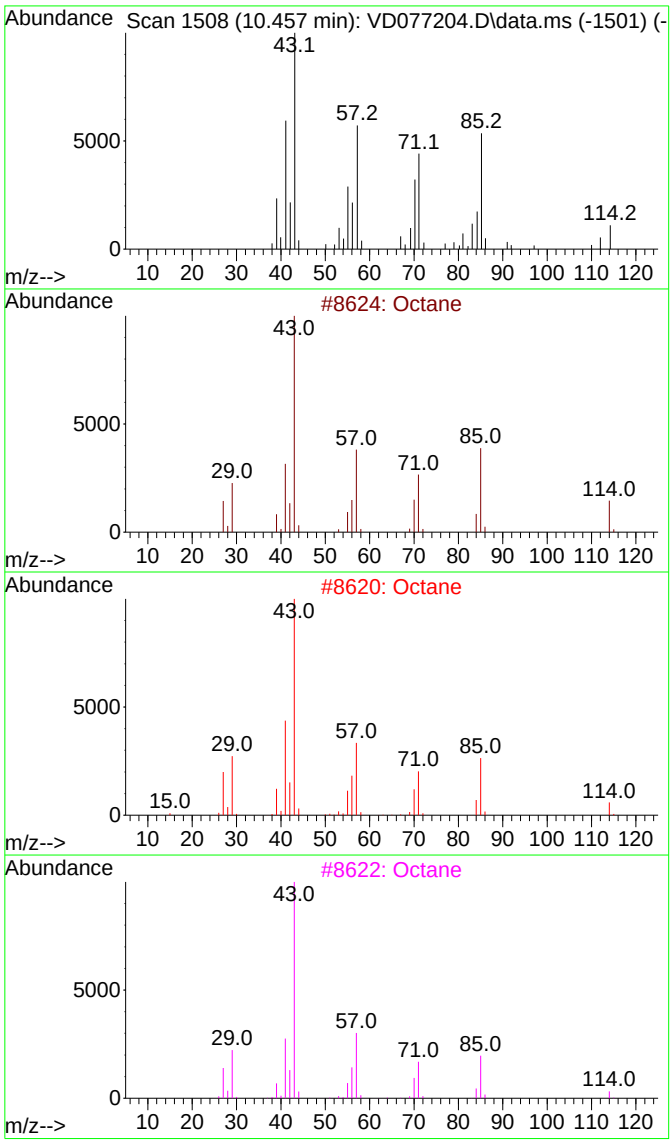
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

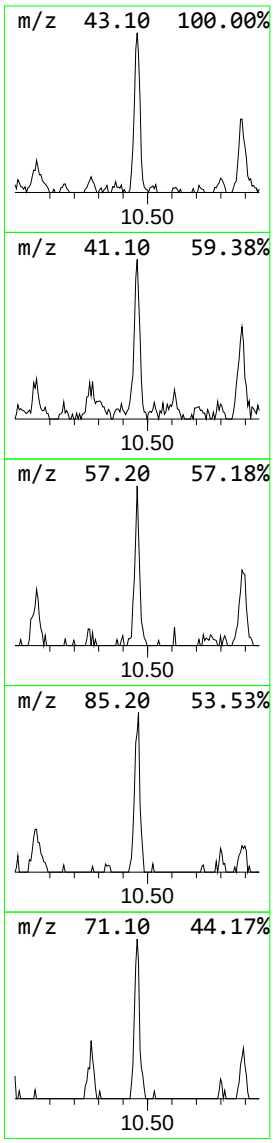
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.457	2.73 ug/L	85319	Chlorobenzene-d5	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	87
2	Octane	114	C8H18	000111-65-9	81
3	Octane	114	C8H18	000111-65-9	72
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077204.D
Acq On : 22 Sep 2023 17:25
Operator : JC/SY
Sample : 04527-13
Misc : 5.62G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYY6

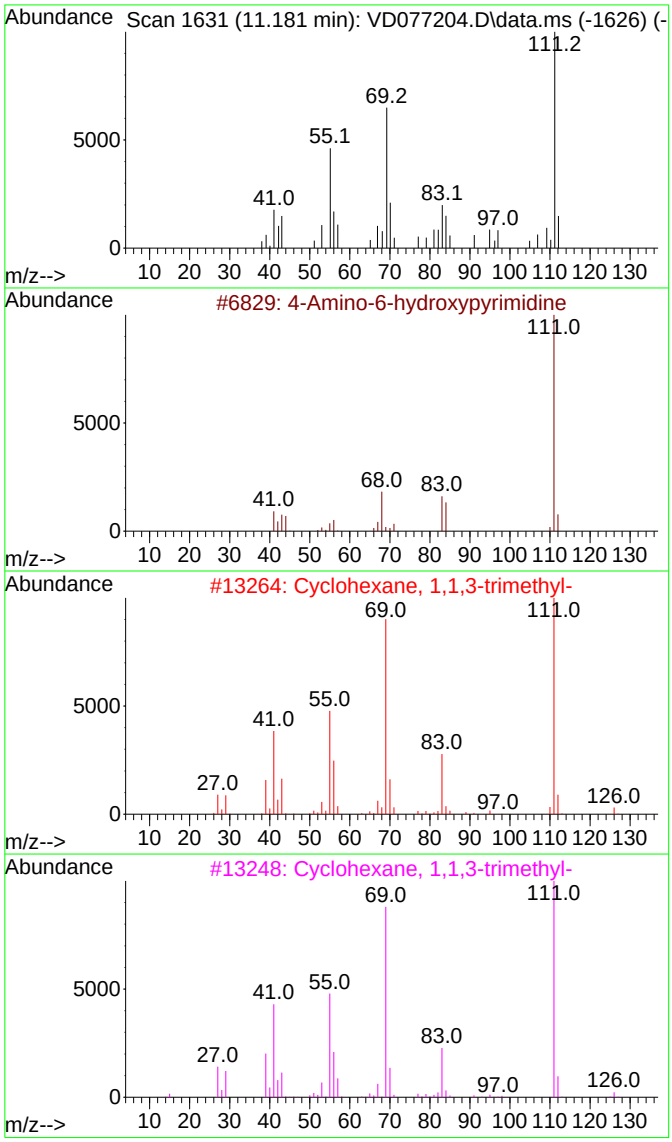
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

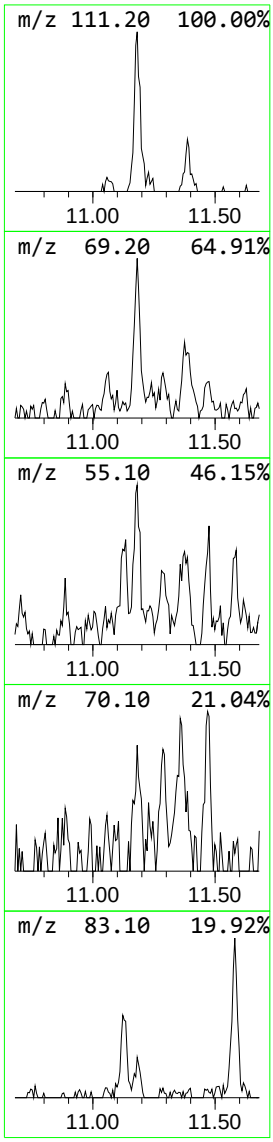
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4-Amino-6-hydroxypyrimidine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.181	1.33 ug/L	41500	Chlorobenzene-d5	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	59
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	53
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	53
4	Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	50
5	Cyclooctane, tetradecyl-	308	C22H44	149003-36-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077204.D
Acq On : 22 Sep 2023 17:25
Operator : JC/SY
Sample : 04527-13
Misc : 5.62G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYY6

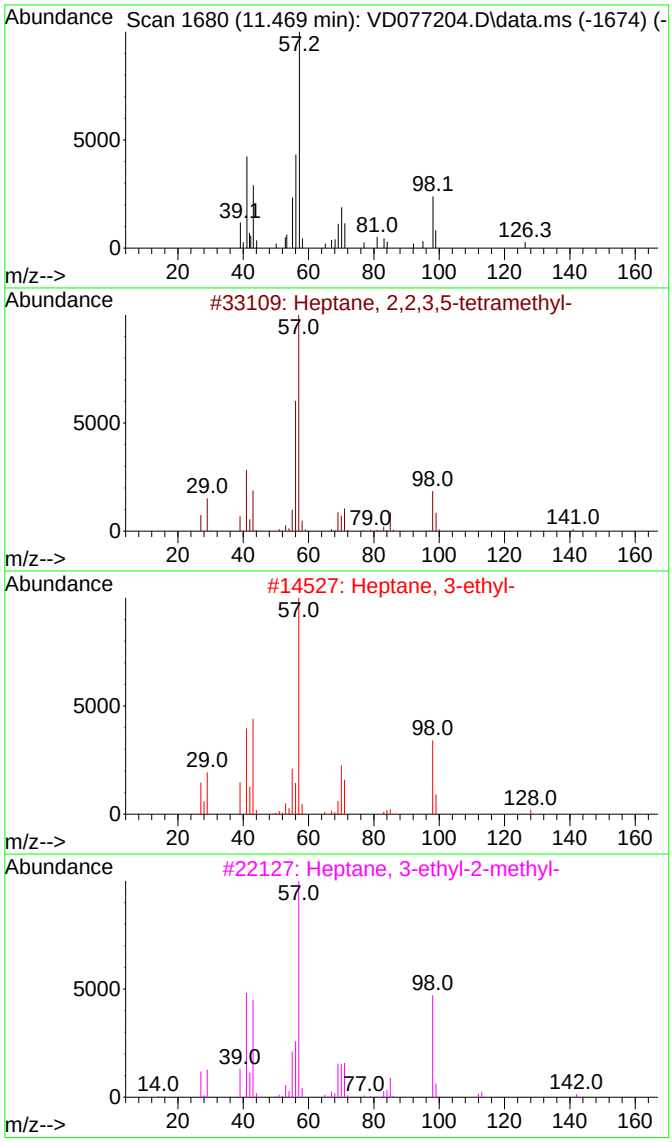
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

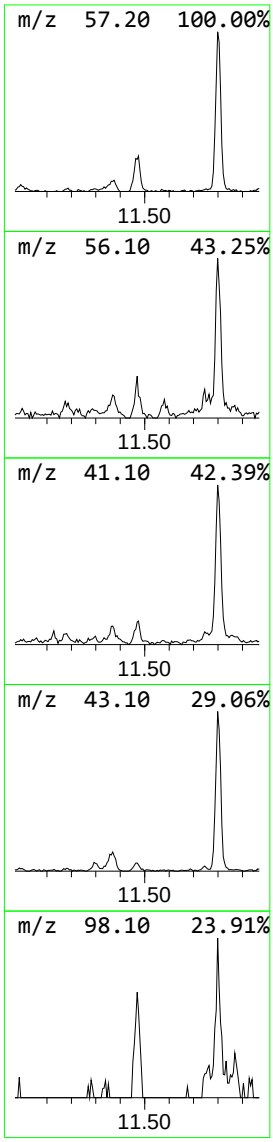
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.469	1.60 ug/L	49909	Chlorobenzene-d5	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	64
2	Heptane, 3-ethyl-	128	C9H20	015869-80-4	53
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47
5	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077204.D
Acq On : 22 Sep 2023 17:25
Operator : JC/SY
Sample : 04527-13
Misc : 5.62G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYY6

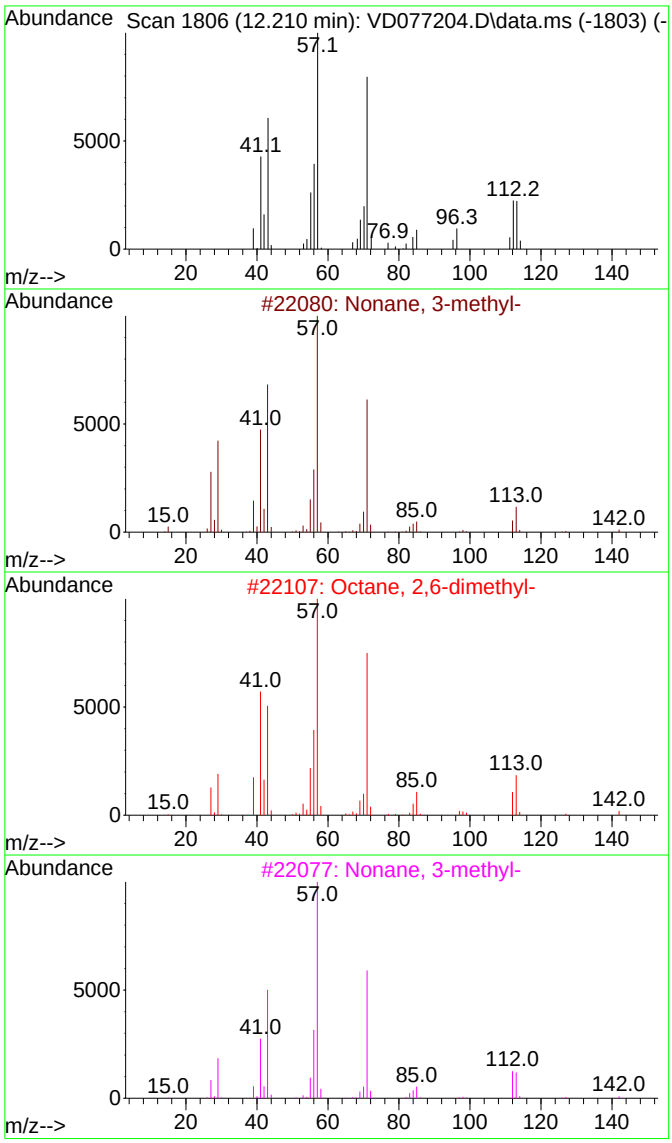
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

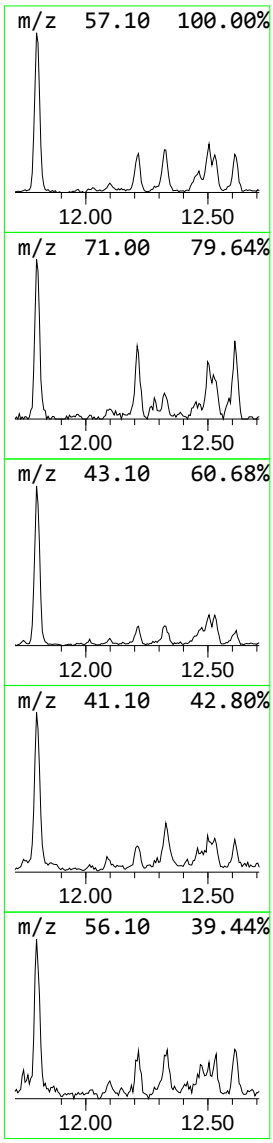
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	1.77 ug/L	55337	Chlorobenzene-d5	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
5	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077204.D
Acq On : 22 Sep 2023 17:25
Operator : JC/SY
Sample : 04527-13
Misc : 5.62G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYY6

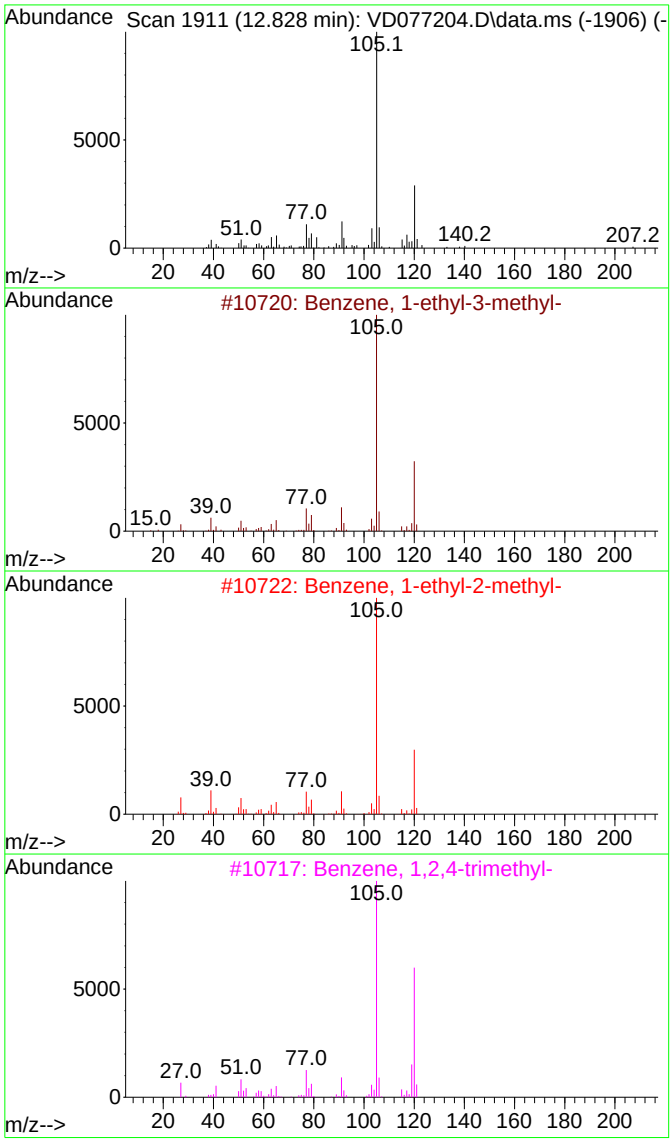
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

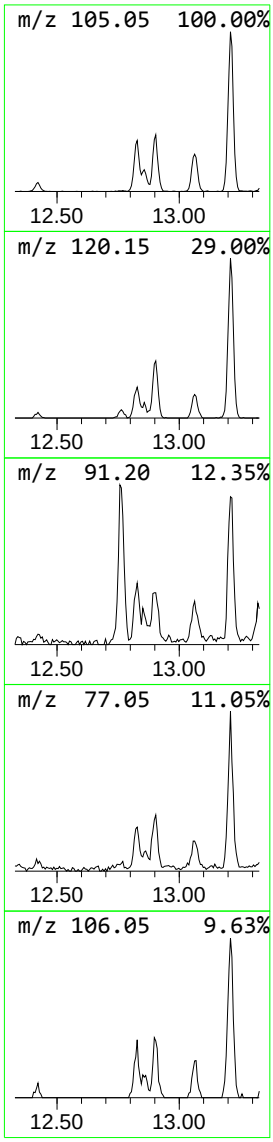
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.828	4.83 ug/L	159832	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





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Acq On : 22 Sep 2023 17:25
Operator : JC/SY
Sample : 04527-13
Misc : 5.62G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYY6

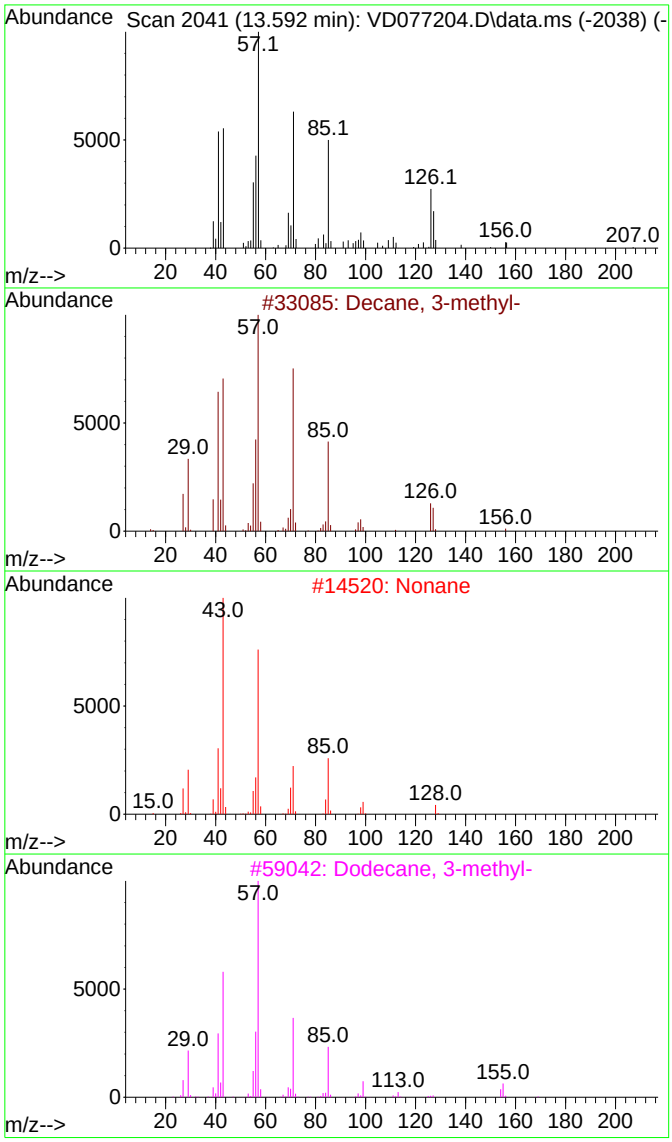
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

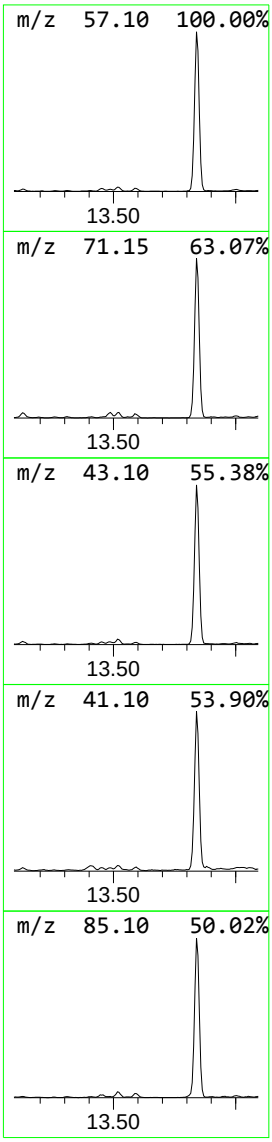
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.592	4.31 ug/L	142605	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	62
2	Nonane	128	C9H20	000111-84-2	50
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
4	Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	47
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	43





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Data File : VD077204.D
Acq On : 22 Sep 2023 17:25
Operator : JC/SY
Sample : 04527-13
Misc : 5.62G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYY6

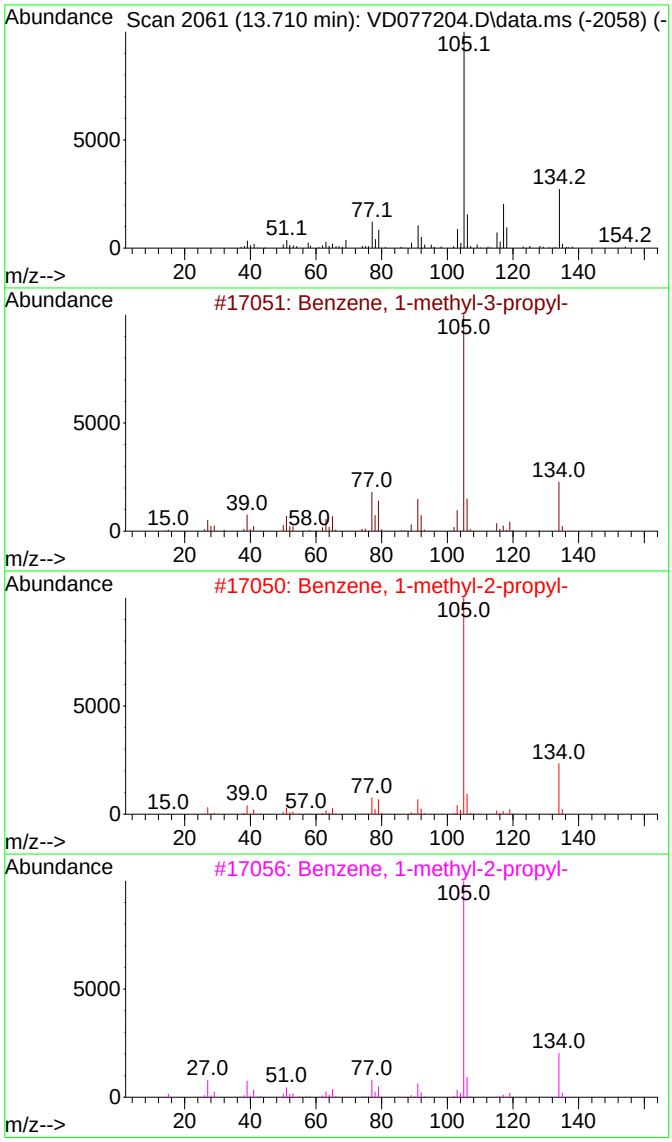
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

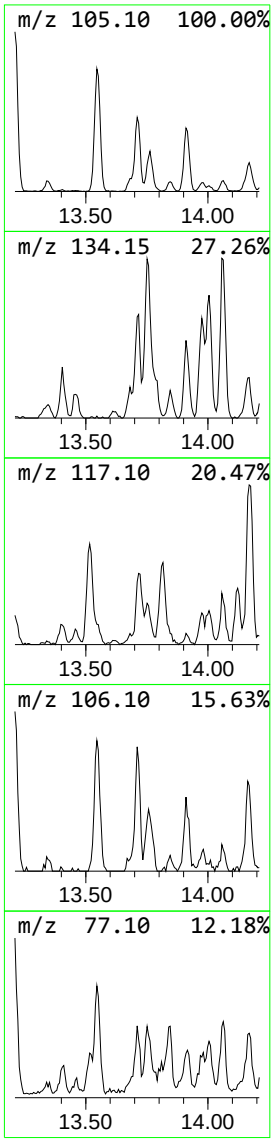
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-methyl-3-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.710	4.64 ug/L	153643	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	68
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	58
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	58
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	58
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	58





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Data File : VD077204.D
Acq On : 22 Sep 2023 17:25
Operator : JC/SY
Sample : 04527-13
Misc : 5.62G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYY6

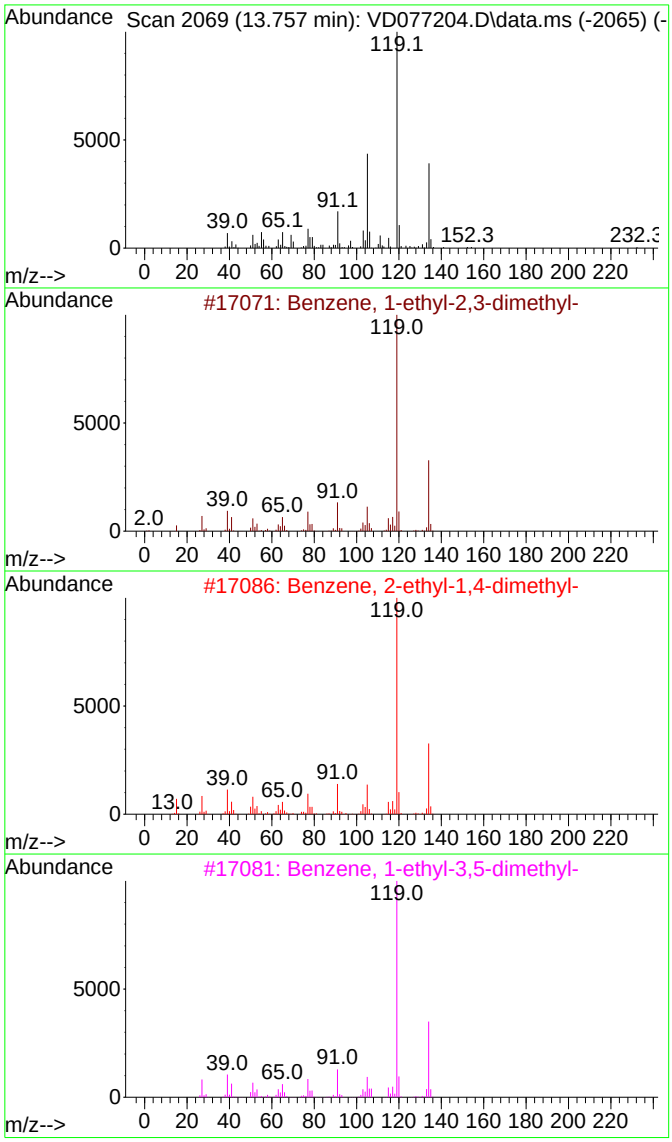
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

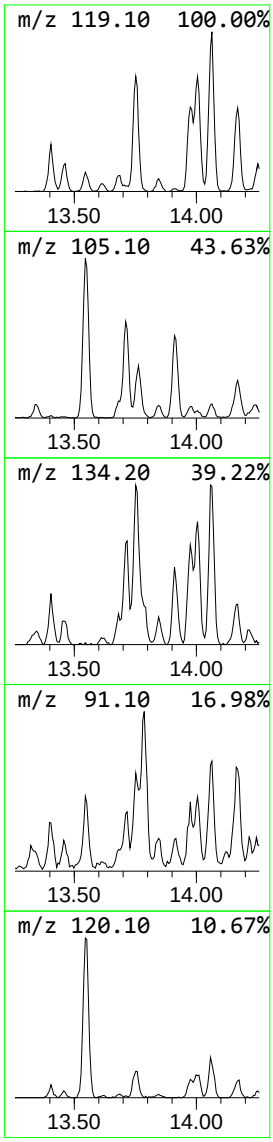
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	6.71 ug/L	222380	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4	o-Cymene	134	C10H14	000527-84-4	87
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87





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Acq On : 22 Sep 2023 17:25
Operator : JC/SY
Sample : 04527-13
Misc : 5.62G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYY6

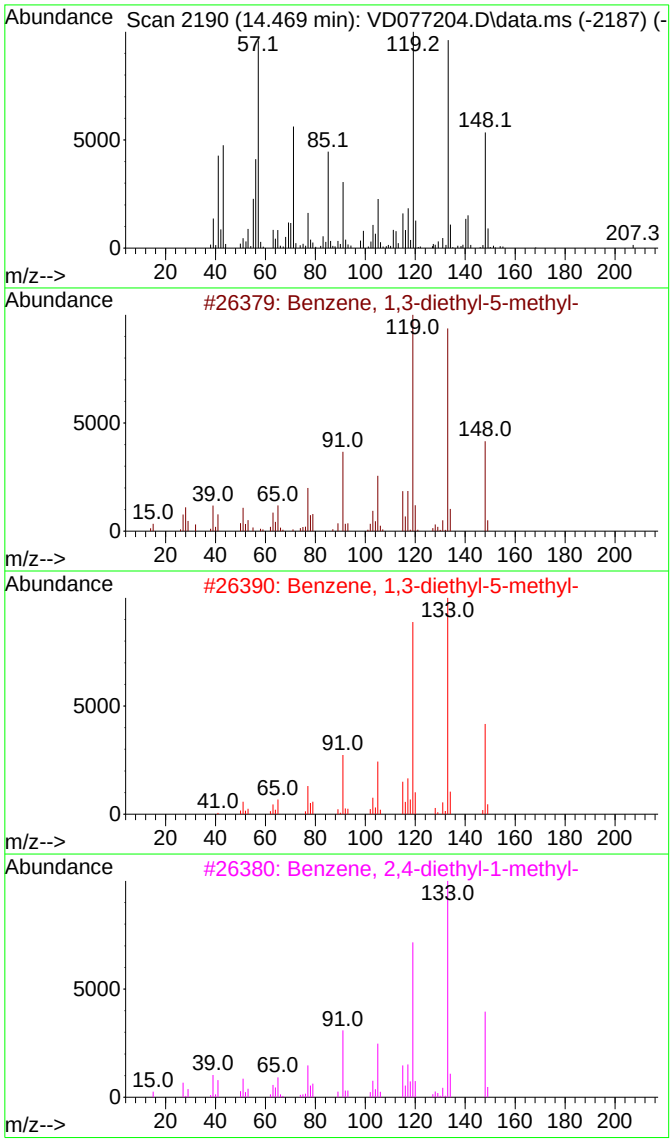
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

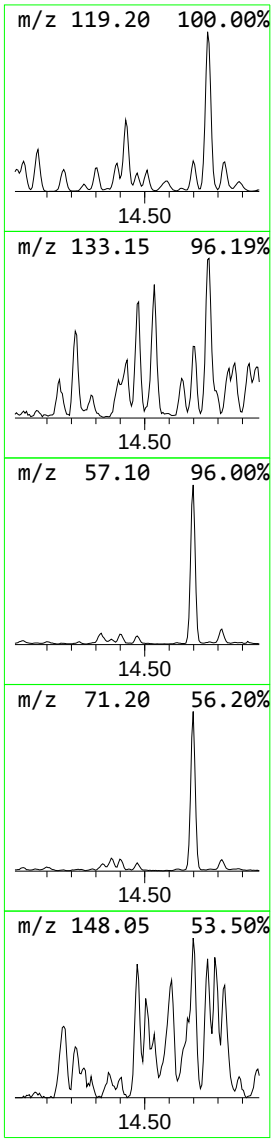
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.469	8.36 ug/L	276820	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	92
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	78
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	64
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	42
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077204.D
Acq On : 22 Sep 2023 17:25
Operator : JC/SY
Sample : 04527-13
Misc : 5.62G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYY6

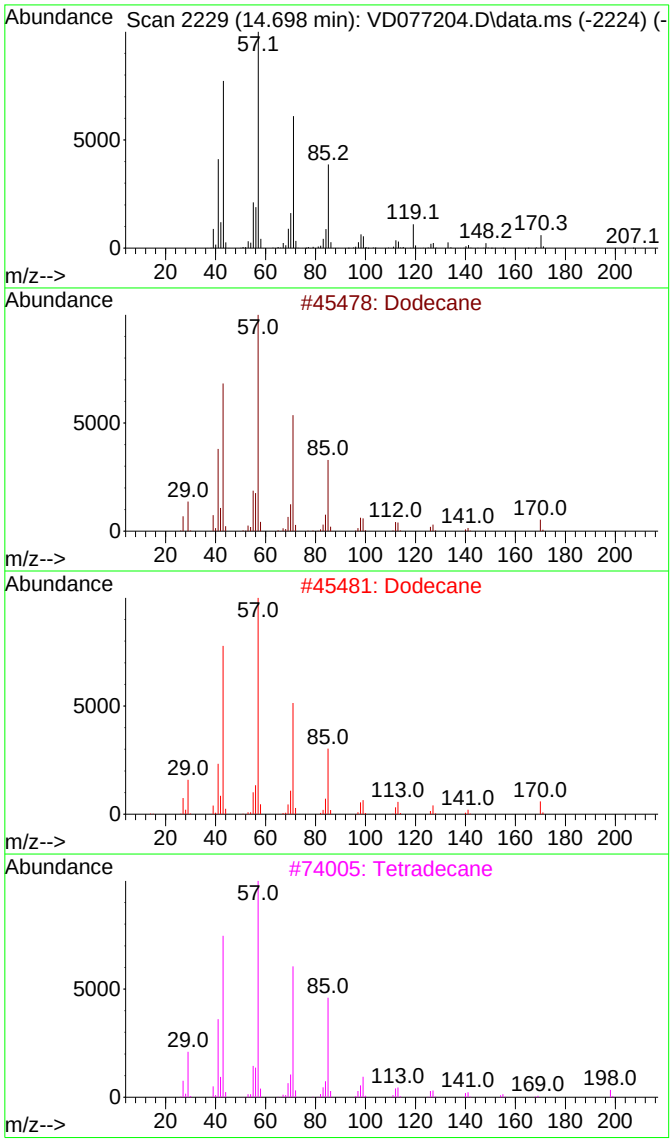
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

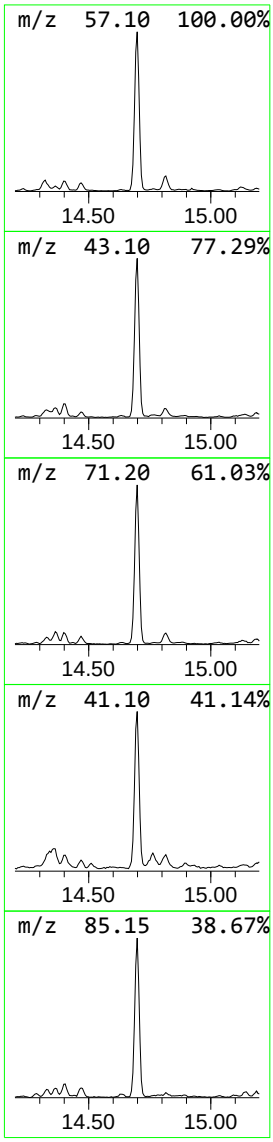
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.698	106.60 ug/L	3531020	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	93
2	Dodecane	170	C12H26	000112-40-3	90
3	Tetradecane	198	C14H30	000629-59-4	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077204.D
Acq On : 22 Sep 2023 17:25
Operator : JC/SY
Sample : 04527-13
Misc : 5.62G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYY6

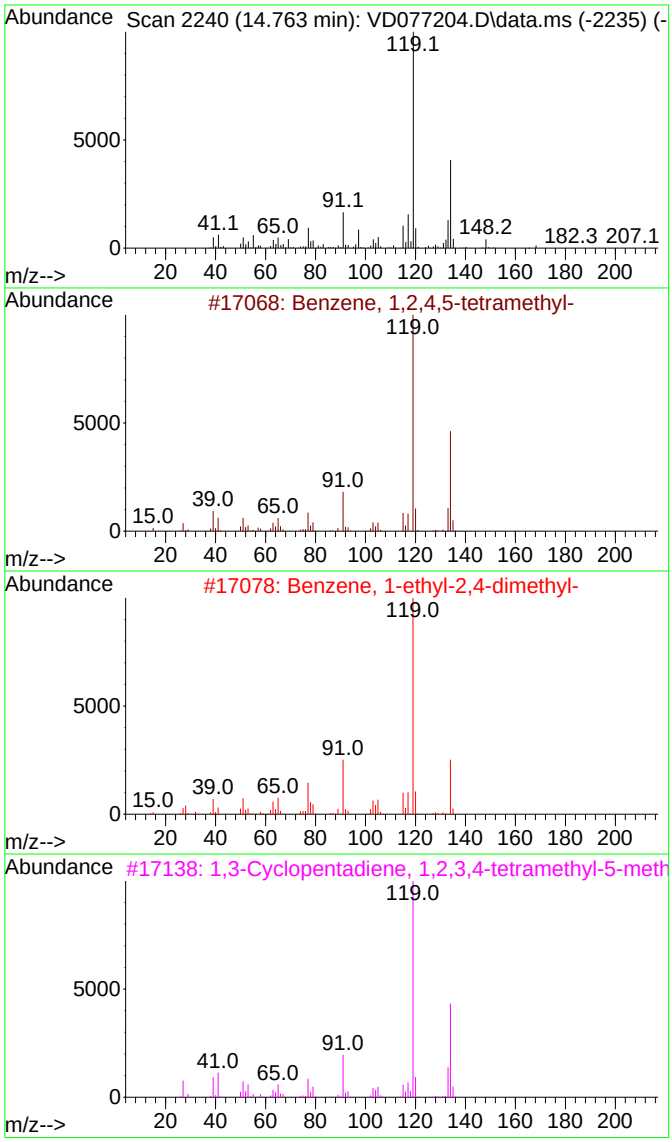
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

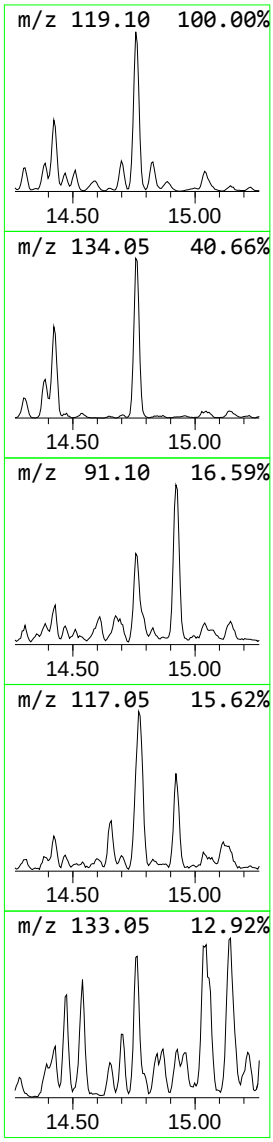
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.763	55.31 ug/L	1832220	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





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Data File : VD077204.D
Acq On : 22 Sep 2023 17:25
Operator : JC/SY
Sample : 04527-13
Misc : 5.62G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYY6

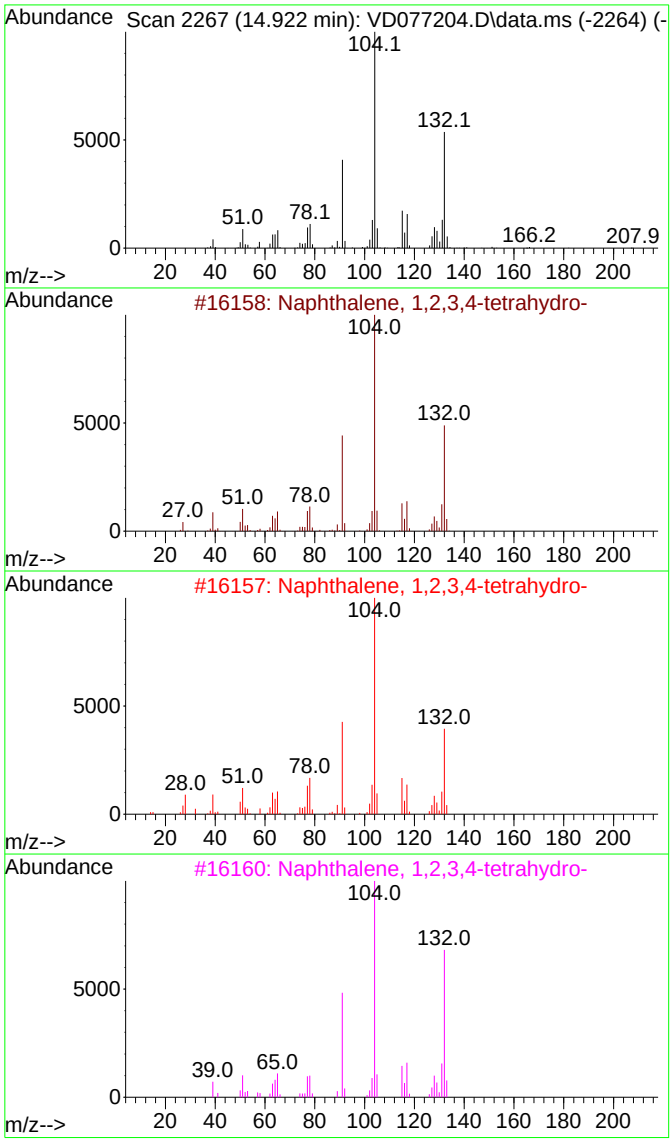
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

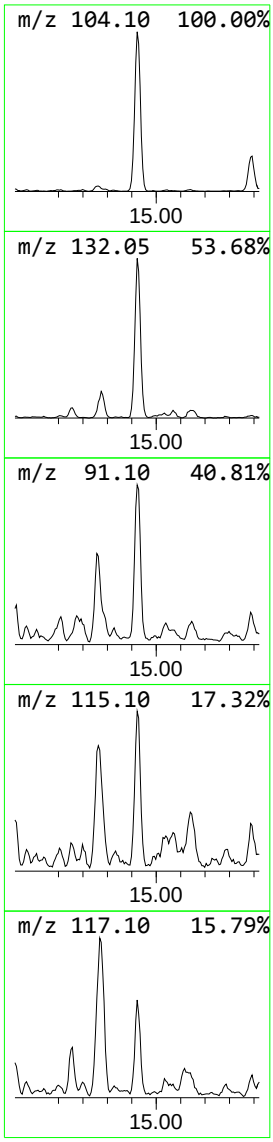
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.922	40.83 ug/L	1352440	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077204.D
Acq On : 22 Sep 2023 17:25
Operator : JC/SY
Sample : 04527-13
Misc : 5.62G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYY6

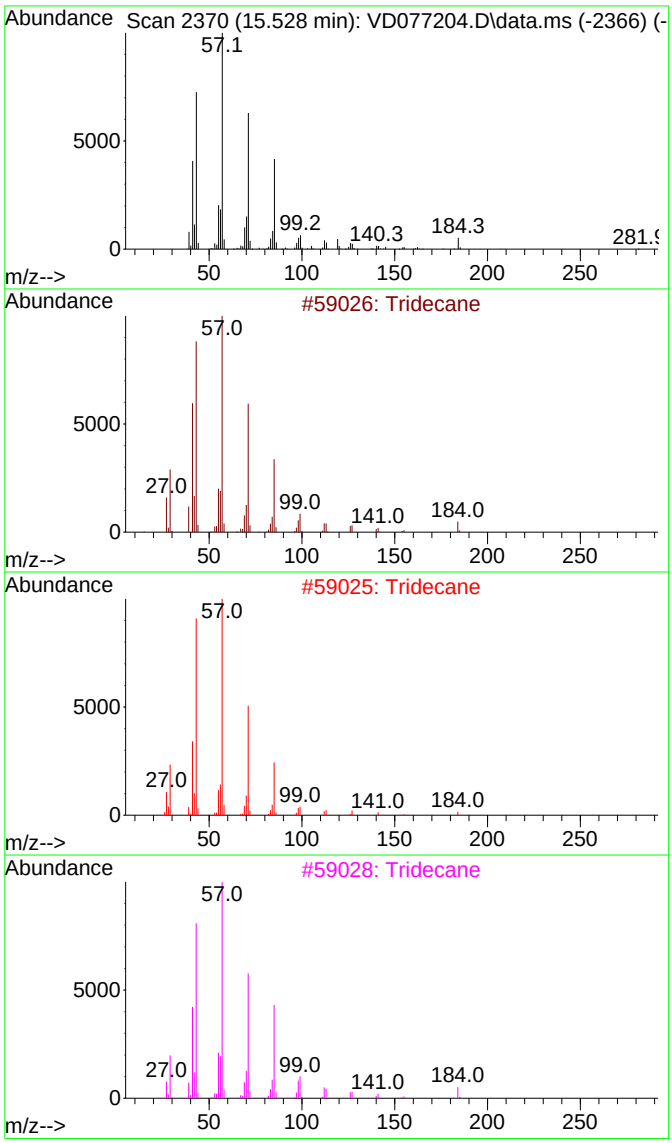
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

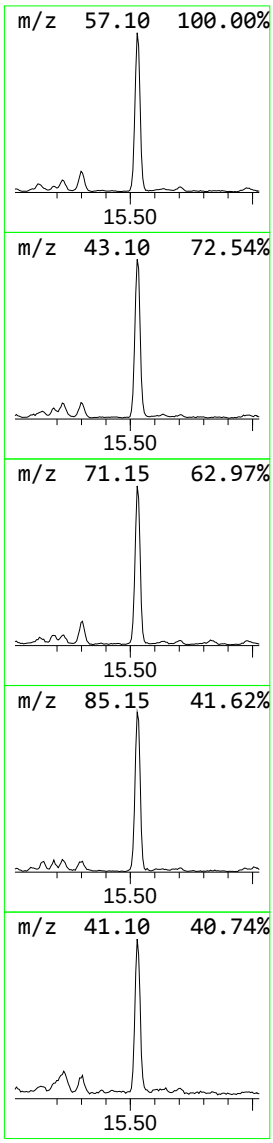
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.528	66.22 ug/L	2193610	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Tridecane	184	C13H28	000629-50-5	90
3	Tridecane	184	C13H28	000629-50-5	87
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	78
5	Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077204.D
Acq On : 22 Sep 2023 17:25
Operator : JC/SY
Sample : 04527-13
Misc : 5.62G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYY6

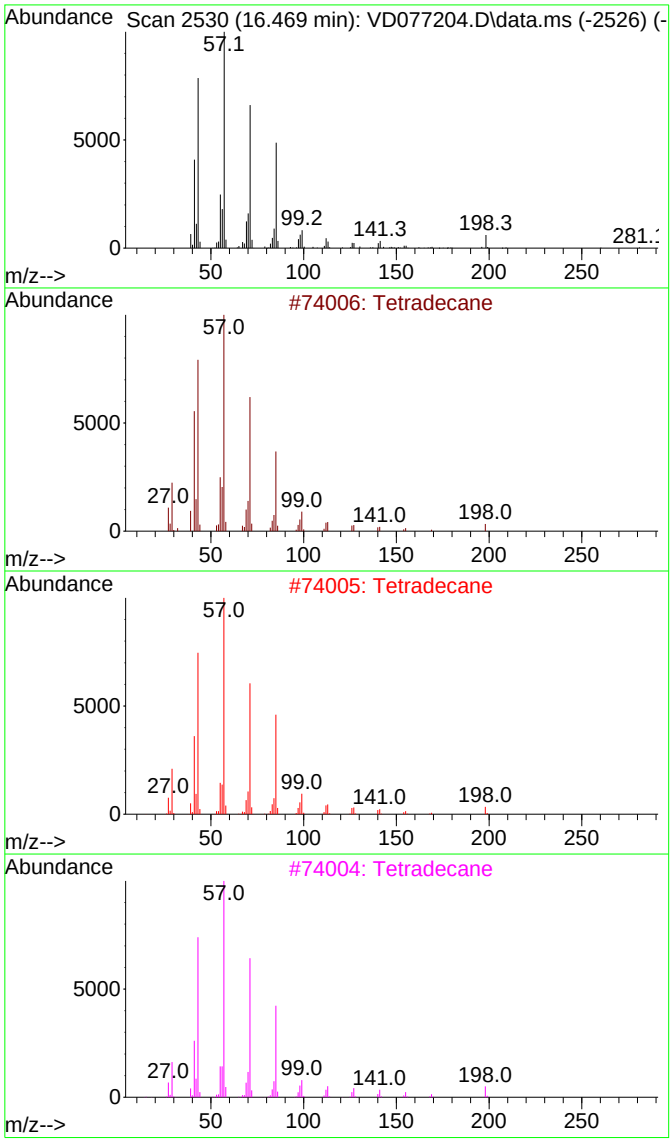
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

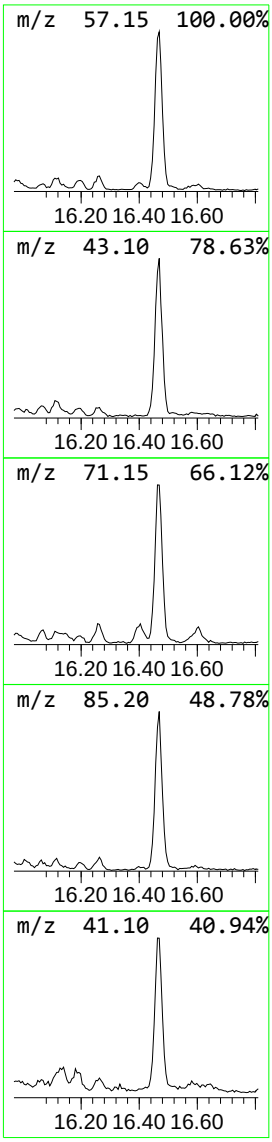
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.469	28.86 ug/L	956112	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Tetradecane	198	C14H30	000629-59-4	93
3	Tetradecane	198	C14H30	000629-59-4	90
4	Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	78
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077204.D
Acq On : 22 Sep 2023 17:25
Operator : JC/SY
Sample : 04527-13
Misc : 5.62G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EZYY6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	8.634	1.6	ug/L	37505	1	8.775	586998	25.0
(DEL) Alkane: S...	10.457	2.7	ug/L	85319	2	11.581	781668	25.0
4-Amino-6-hydro...	11.181	1.3	ug/L	41500	2	11.581	781668	25.0
(DEL) Alkane: S...	11.469	1.6	ug/L	49909	2	11.581	781668	25.0
(DEL) Alkane: S...	12.210	1.8	ug/L	55337	2	11.581	781668	25.0
Benzene, 1-ethy...	12.828	4.8	ug/L	159832	3	13.516	828119	25.0
(DEL) Alkane: S...	13.592	4.3	ug/L	142605	3	13.516	828119	25.0
Benzene, 1-meth...	13.710	4.6	ug/L	153643	3	13.516	828119	25.0
Benzene, 1-ethy...	13.757	6.7	ug/L	222380	3	13.516	828119	25.0
Benzene, 1,3-di...	14.469	8.4	ug/L	276820	3	13.516	828119	25.0
(DEL) Alkane: S...	14.698	106.6	ug/L	3531020	3	13.516	828119	25.0
Benzene, 1,2,4,...	14.763	55.3	ug/L	1832220	3	13.516	828119	25.0
Naphthalene, 1,...	14.922	40.8	ug/L	1352440	3	13.516	828119	25.0
(DEL) Alkane: S...	15.528	66.2	ug/L	2193610	3	13.516	828119	25.0
(DEL) Alkane: S...	16.469	28.9	ug/L	956112	3	13.516	828119	25.0