LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
Data File : VD076963.D
Acq On : 10 Aug 2023 15:34
Operator : JC/SY
Sample : 03965-07
Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

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\SFAMDLM080323SMA.M
Title : SFAM01.0

Signal : TIC: VD076963.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.652	9	11	13	rBV	1289	1272	0.08%	0.033%
2	1.740	19	26	39	rVB	1005172	1641545	100.00%	42.156%
3	2.269	110	116	124	rVB	101641	144067	8.78%	3.700%
4	2.787	199	204	212	rVB	80827	151504	9.23%	3.891%
5	3.205	274	275	278	rBV	1213	931	0.06%	0.024%
6	3.287	285	289	297	rVB4	3833	8133	0.50%	0.209%
7	3.452	309	317	331	rBV2	36757	104089	6.34%	2.673%
8	3.605	341	343	345	rBV2	1019	711	0.04%	0.018%
9	3.628	345	347	349	rBV3	1031	882	0.05%	0.023%
10	3.910	384	395	405	rBV2	63782	168447	10.26%	4.326%
11	4.022	409	414	418	rBV2	4810	8028	0.49%	0.206%
12	4.181	439	441	442	rBV	999	861	0.05%	0.022%
13	4.269	454	456	458	rBV	933	763	0.05%	0.020%
14	4.487	492	493	494	rVV	1355	764	0.05%	0.020%
15	4.505	494	496	497	rVV	1997	1387	0.08%	0.036%
16	4.558	500	505	516	rVB3	8048	22130	1.35%	0.568%
17	4.752	534	538	539	rBV2	630	746	0.05%	0.019%
18	4.793	539	545	548	rBV3	2131	4671	0.28%	0.120%
19	4.869	556	558	561	rBV3	1370	1019	0.06%	0.026%
20	4.987	575	578	581	rBV	593	744	0.05%	0.019%
21	5.199	611	614	617	rVB	936	1120	0.07%	0.029%
22	5.275	623	627	630	rBV2	701	905	0.06%	0.023%
23	5.357	638	641	643	rBV2	753	712	0.04%	0.018%
24	5.440	653	655	659	rBV2	620	900	0.05%	0.023%
25	5.634	684	688	690	rBV3	1164	1287	0.08%	0.033%
26	5.652	690	691	695	rVB3	689	594	0.04%	0.015%
27	5.846	718	724	726	rVV3	1017	1735	0.11%	0.045%
28	6.575	846	848	851	rBV	630	622	0.04%	0.016%
29	6.840	887	893	899	rVB3	2690	5572	0.34%	0.143%
30	6.987	910	918	926	rBV2	8075	23735	1.45%	0.610%
31	7.163	947	948	951	rVB2	957	720	0.04%	0.018%
32	7.257	961	964	966	rBV2	658	684	0.04%	0.018%
33	7.363	981	982	986	rVB	970	829	0.05%	0.021%
34	7.422	990	992	995	rVB	815	743	0.05%	0.019%
35	7.563	1006	1016	1029	rBV	67809	175688	10.70%	4.512%
36	7.651	1029	1031	1034	rVB	811	630	0.04%	0.016%

LSC Area Percent Report

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Acq On : 10 Aug 2023 15:34
Operator : JC/SY
Sample : 03965-07
Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

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\SFAMDLM080323SMA.M
Title : SFAM01.0

37	7.846	1060	1064	1065	rBV3	1701	2162	0.13%	0.056%
38	7.910	1073	1075	1078	rBV2	867	1131	0.07%	0.029%
39	7.975	1084	1086	1088	rBV2	1018	622	0.04%	0.016%
40	8.087	1098	1105	1112	rVV4	3186	7914	0.48%	0.203%
41	8.199	1114	1124	1140	rBV3	118983	376083	22.91%	9.658%
42	8.475	1169	1171	1175	rVV2	826	1013	0.06%	0.026%
43	8.634	1192	1198	1203	rVV3	6692	11098	0.68%	0.285%
44	8.675	1203	1205	1207	rVB2	857	627	0.04%	0.016%
45	8.775	1215	1222	1231	rVV	86350	176260	10.74%	4.526%
46	8.840	1231	1233	1234	rVB2	1342	779	0.05%	0.020%
47	8.857	1234	1236	1237	rBV2	963	743	0.05%	0.019%
48	9.146	1283	1285	1288	rBV	547	624	0.04%	0.016%
49	9.210	1288	1296	1307	rBV2	77725	160077	9.75%	4.111%
50	9.334	1315	1317	1319	rBV2	694	638	0.04%	0.016%
51	9.887	1406	1411	1412	rBV2	1202	1330	0.08%	0.034%
52	9.981	1422	1427	1433	rVB3	16018	28384	1.73%	0.729%
53	10.063	1436	1441	1442	rBV2	948	1254	0.08%	0.032%
54	10.269	1469	1476	1483	rBV	109428	196459	11.97%	5.045%
55	10.381	1492	1495	1498	rVB3	2269	2688	0.16%	0.069%
56	10.457	1505	1508	1510	rBV2	877	1156	0.07%	0.030%
57	10.522	1514	1519	1525	rVB2	12565	22837	1.39%	0.586%
58	10.598	1530	1532	1537	rVB2	779	1067	0.06%	0.027%
59	10.663	1537	1543	1547	rBV3	5260	9368	0.57%	0.241%
60	10.798	1561	1566	1572	rBV6	5334	9491	0.58%	0.244%
61	10.881	1574	1580	1586	rVV2	11968	20669	1.26%	0.531%
62	10.992	1597	1599	1602	rBV	1220	1056	0.06%	0.027%
63	11.128	1618	1622	1627	rVB3	6883	9752	0.59%	0.250%
64	11.198	1631	1634	1638	rVB	864	860	0.05%	0.022%
65	11.263	1643	1645	1646	rVB2	1088	645	0.04%	0.017%
66	11.287	1646	1649	1650	rBV2	1302	877	0.05%	0.023%
67	11.363	1658	1662	1665	rVB3	4359	5532	0.34%	0.142%
68	11.445	1672	1676	1679	rBV	1034	1278	0.08%	0.033%
69	11.475	1679	1681	1684	rBV	1323	1032	0.06%	0.027%
70	11.504	1684	1686	1689	rVB	1146	988	0.06%	0.025%
71	11.581	1693	1699	1707	rVB	62474	103040	6.28%	2.646%
72	11.851	1744	1745	1747	rBV2	1180	750	0.05%	0.019%
73	12.145	1793	1795	1798	rVB	1219	832	0.05%	0.021%
74	12.222	1806	1808	1812	rVB	641	589	0.04%	0.015%
75	12.251	1812	1813	1816	rBV2	810	805	0.05%	0.021%
76	12.316	1821	1824	1826	rBV	672	597	0.04%	0.015%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
Data File : VD076963.D
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Operator : JC/SY
Sample : 03965-07
Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

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\SFAMDLM080323SMA.M
Title : SFAM01.0

77	12.363	1831	1832	1835	rBV2	728	646	0.04%	0.017%
78	12.392	1835	1837	1838	rBV	730	617	0.04%	0.016%
79	12.581	1860	1869	1875	rBV5	7907	16832	1.03%	0.432%
80	12.651	1875	1881	1887	rBV	31987	50075	3.05%	1.286%
81	12.798	1904	1906	1908	rBV	744	716	0.04%	0.018%
82	12.886	1918	1921	1922	rBV3	1036	929	0.06%	0.024%
83	13.045	1946	1948	1952	rVB3	2183	2428	0.15%	0.062%
84	13.181	1964	1971	1974	rBV4	18360	30207	1.84%	0.776%
85	13.234	1978	1980	1981	rBV2	1006	811	0.05%	0.021%
86	13.263	1981	1985	1990	rVB5	3486	5866	0.36%	0.151%
87	13.334	1995	1997	1998	rBV	912	607	0.04%	0.016%
88	13.375	1999	2004	2008	rBV5	8656	13366	0.81%	0.343%
89	13.522	2024	2029	2033	rVV	20740	34407	2.10%	0.884%
90	13.569	2034	2037	2046	rVB3	13166	25993	1.58%	0.668%
91	13.734	2060	2065	2069	rBV6	8518	15045	0.92%	0.386%
92	13.816	2074	2079	2084	rBV2	17611	28899	1.76%	0.742%
93	13.869	2086	2088	2093	rVV5	3532	5077	0.31%	0.130%
94	14.481	2189	2192	2197	rVB4	2982	4807	0.29%	0.123%
95	14.698	2226	2229	2236	rVB3	3169	4303	0.26%	0.111%
96	15.392	2343	2347	2350	rBV3	1784	2510	0.15%	0.064%
97	15.480	2358	2362	2366	rBV3	1994	3585	0.22%	0.092%
98	15.745	2404	2407	2408	rBV2	1968	1746	0.11%	0.045%
99	15.828	2418	2421	2422	rBV2	1444	1263	0.08%	0.032%
100	15.910	2434	2435	2436	rBV	2050	966	0.06%	0.025%

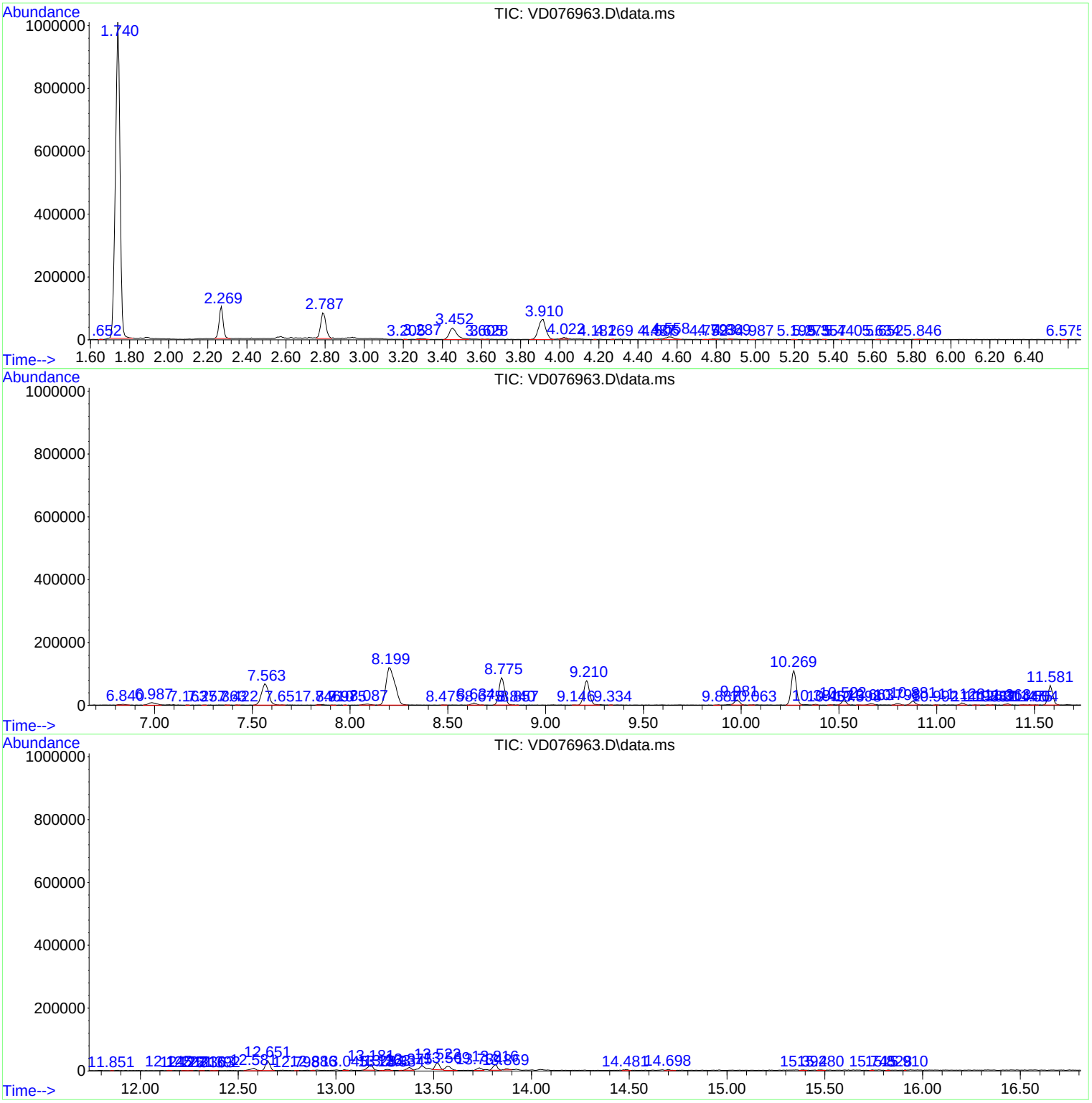
Sum of corrected areas: 3893978

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
Data File : VD076963.D
Acq On : 10 Aug 2023 15:34
Operator : JC/SY
Sample : 03965-07
Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
Data File : VD076963.D
Acq On : 10 Aug 2023 15:34
Operator : JC/SY
Sample : 03965-07
Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

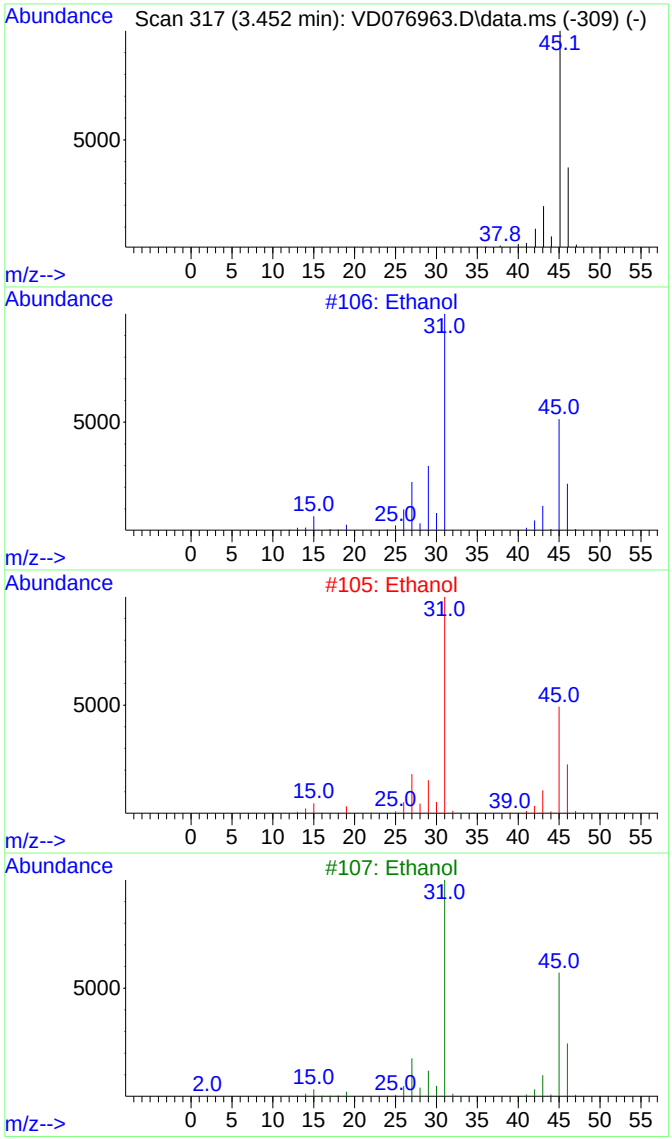
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0

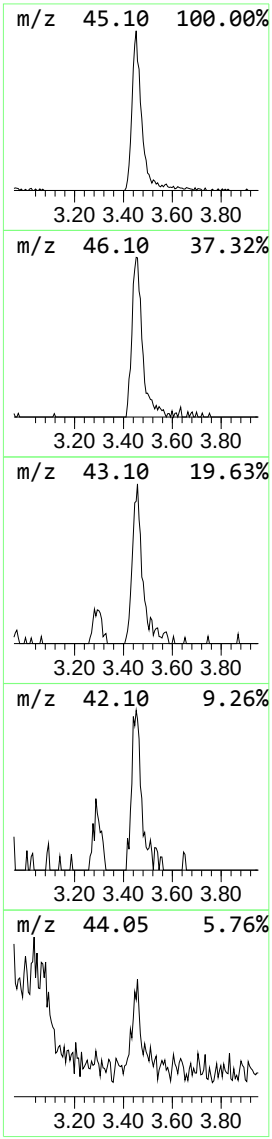
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.452	14.76 ug/L	104089	1,4-Difluorobenzene	8.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	90
2	Ethanol	46	C2H6O	000064-17-5	83
3	Ethanol	46	C2H6O	000064-17-5	74
4	Dimethyl ether	46	C2H6O	000115-10-6	9
5	Ethanol	46	C2H6O	000064-17-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
Data File : VD076963.D
Acq On : 10 Aug 2023 15:34
Operator : JC/SY
Sample : 03965-07
Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

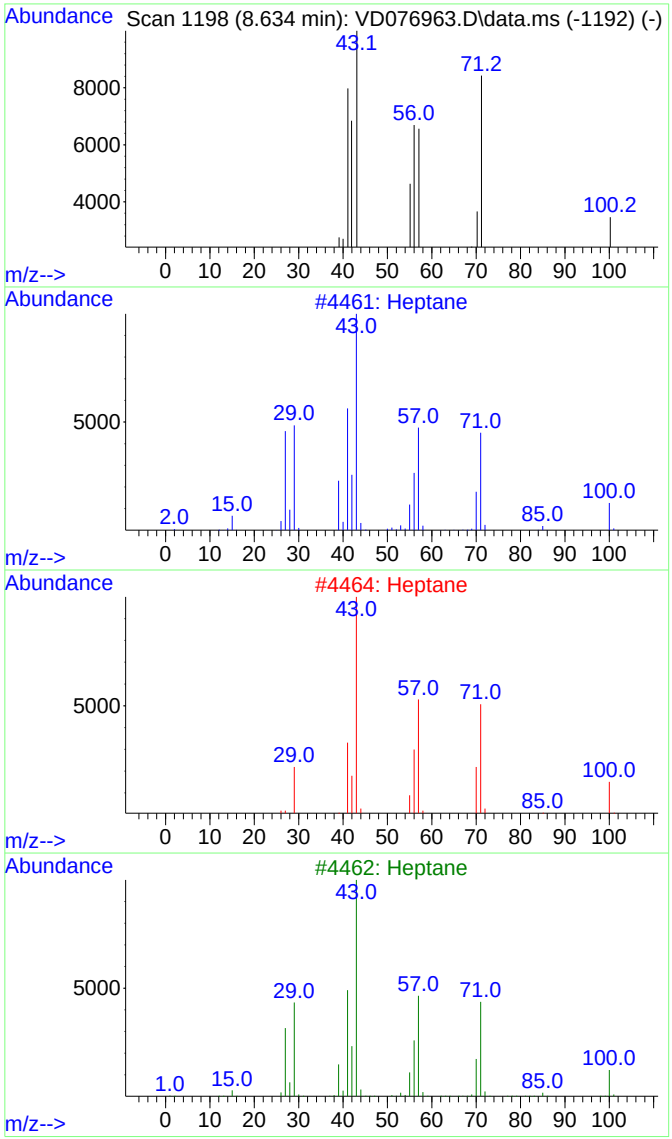
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0

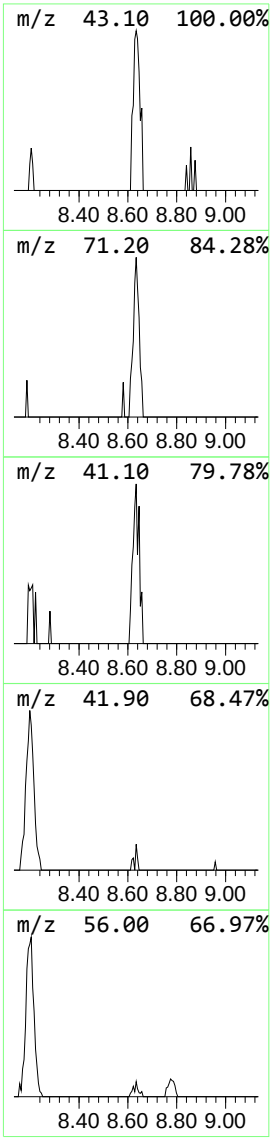
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.634	1.57 ug/L	11098	1,4-Difluorobenzene	8.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	64
2	Heptane	100	C7H16	000142-82-5	59
3	Heptane	100	C7H16	000142-82-5	56
4	Oxetane, 2-propyl-	100	C6H12O	004468-64-8	50
5	Hexane, 2-chloro-	120	C6H13Cl	000638-28-8	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
Data File : VD076963.D
Acq On : 10 Aug 2023 15:34
Operator : JC/SY
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Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

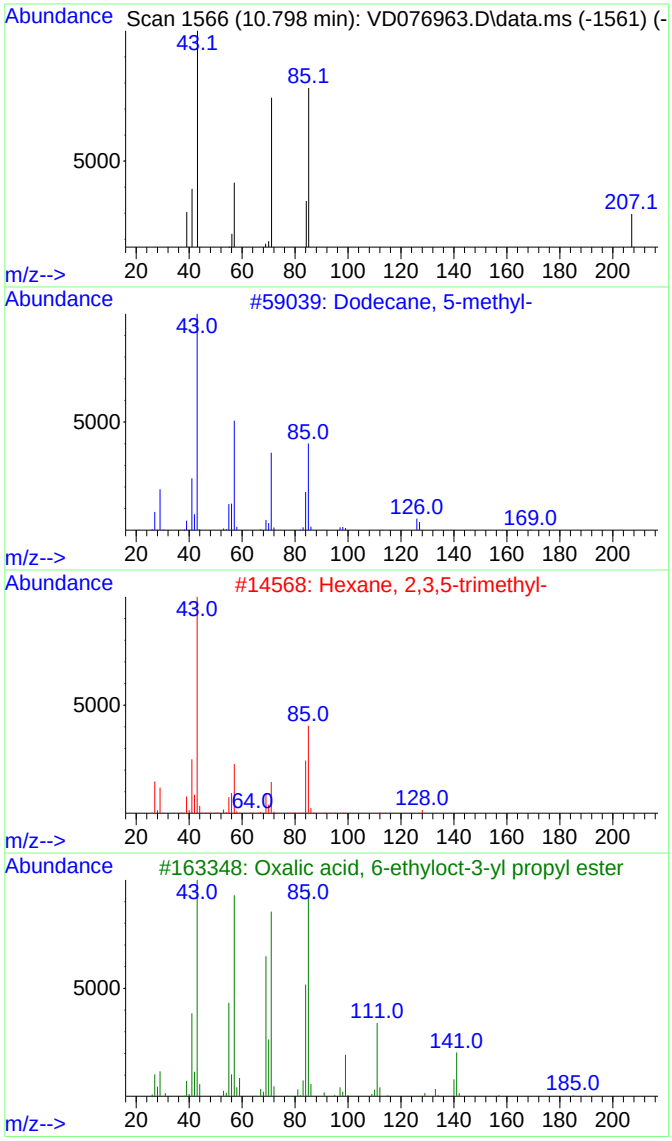
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0

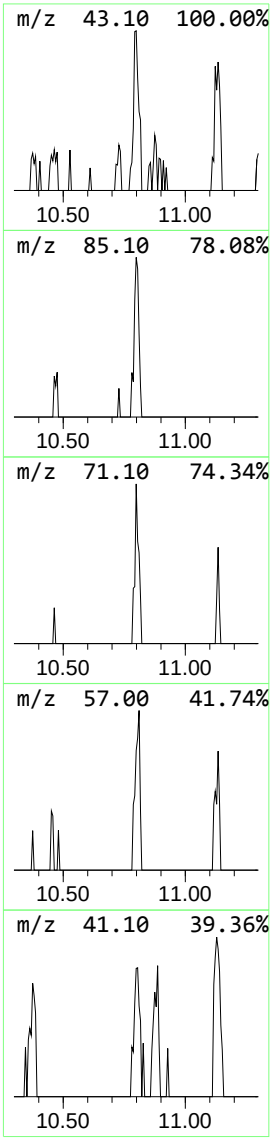
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.798	2.30 ug/L	9491	Chlorobenzene-d5	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 5-methyl-	184	C13H28	017453-93-9	50
2	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	47
3	Oxalic acid, 6-ethyloct-3-yl pro...	272	C15H28O4	1000309-34-0	45
4	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	43
5	Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	39





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
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Operator : JC/SY
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Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

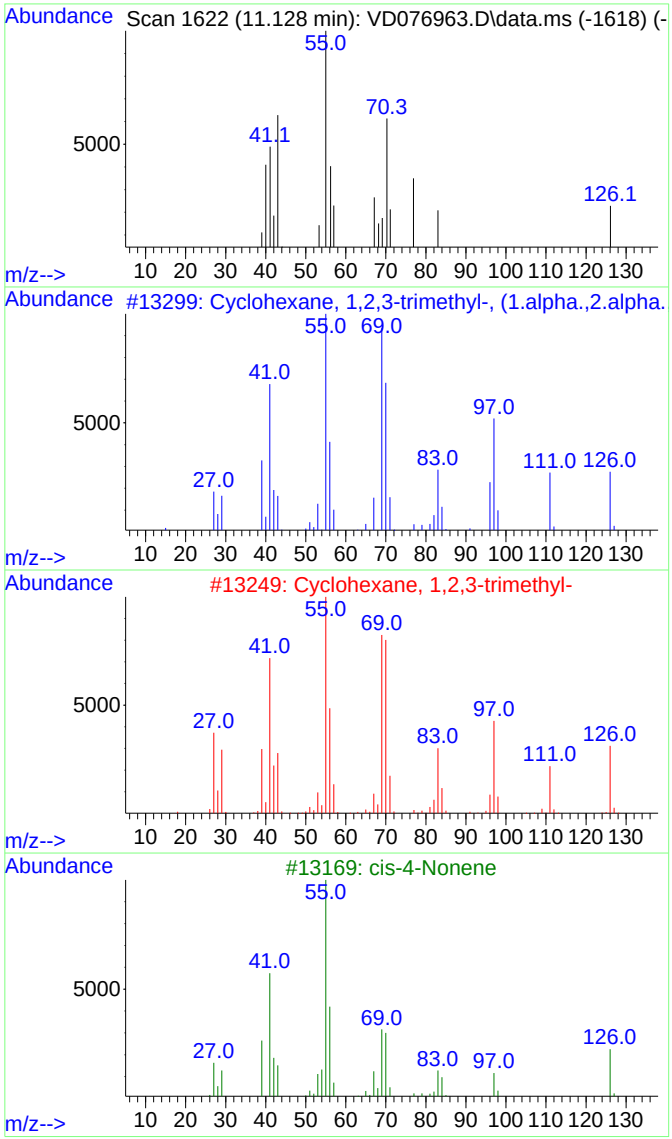
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0

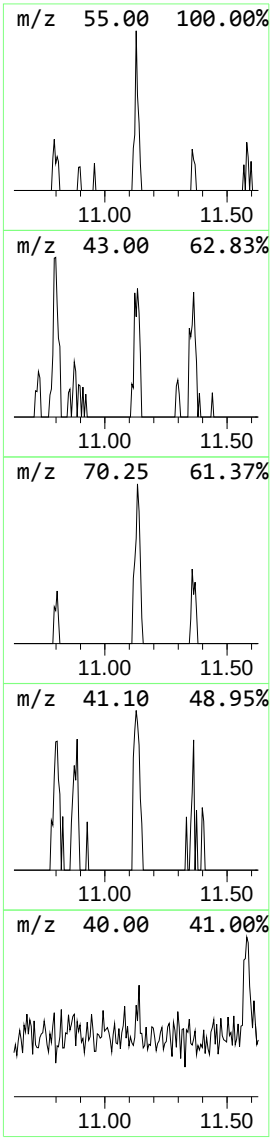
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic11.128 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.128	2.37 ug/L	9752	Chlorobenzene-d5	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	58
2	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	58
3	cis-4-Nonene	126	C9H18	010405-84-2	49
4	4-Nonene	126	C9H18	002198-23-4	49
5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
Data File : VD076963.D
Acq On : 10 Aug 2023 15:34
Operator : JC/SY
Sample : 03965-07
Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0

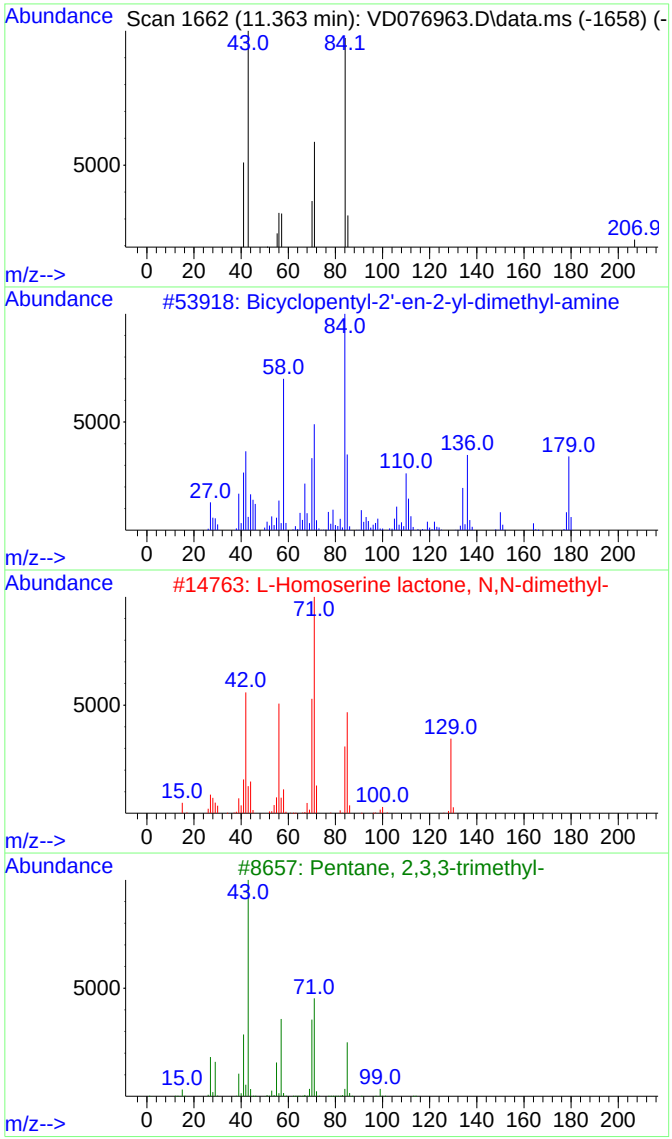
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

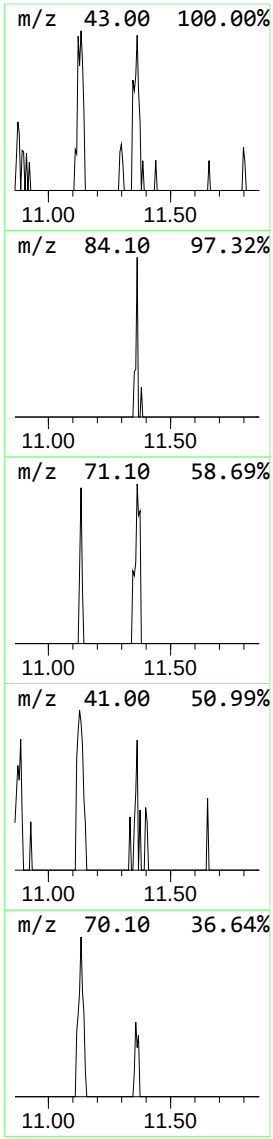
****

Peak Number 8 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.363	1.34 ug/L	5532	Chlorobenzene-d5	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclopentyl-2'-en-2-yl-dimethy...	179	C12H21N	1010186-26-4	36
2	L-Homoserine lactone, N,N-dimethyl-	129	C6H11NO2	1010374-45-7	23
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	12
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	10
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	10





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Data File : VD076963.D
Acq On : 10 Aug 2023 15:34
Operator : JC/SY
Sample : 03965-07
Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0

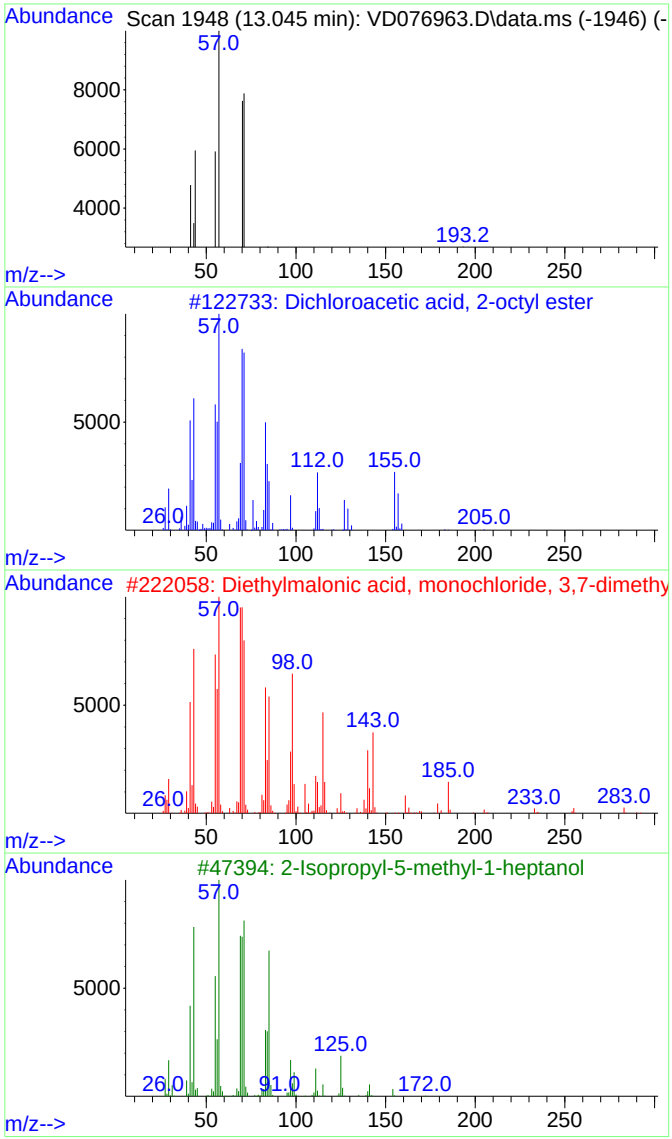
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

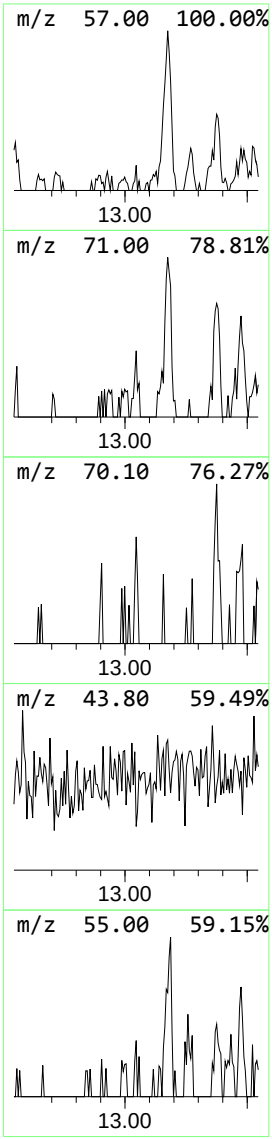
****

Peak Number 10 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.045	1.76 ug/L	2428	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, 2-octyl ester	240	C10H18Cl2O2	096980-53-9	45
2	Diethylmalonic acid, monochlorid...	318	C17H31ClO3	1000369-41-8	38
3	2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	38
4	2-Propenamide	71	C3H5NO	000079-06-1	35
5	2-Propenamide	71	C3H5NO	000079-06-1	9





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Acq On : 10 Aug 2023 15:34
Operator : JC/SY
Sample : 03965-07
Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0

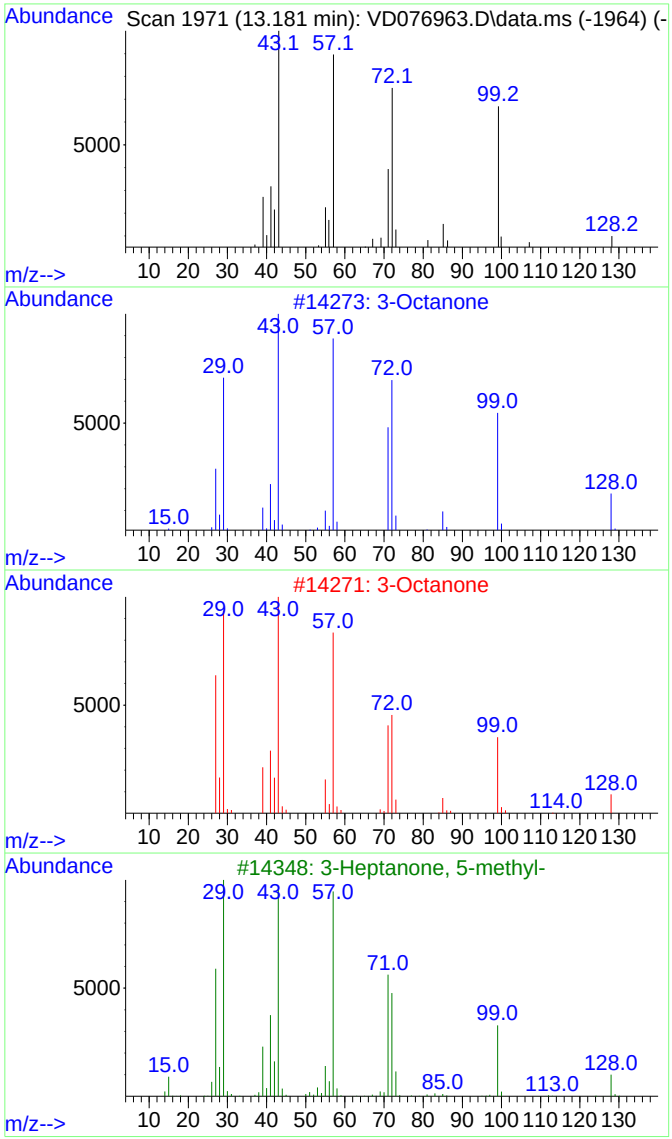
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

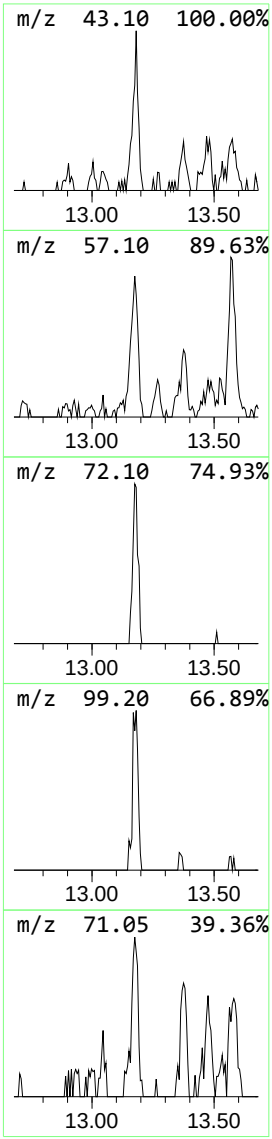
****

Peak Number 11 3-Octanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.181	21.95 ug/L	30207	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	72
2	3-Octanone	128	C8H16O	000106-68-3	52
3	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	43
4	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	42
5	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	40





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Acq On : 10 Aug 2023 15:34
Operator : JC/SY
Sample : 03965-07
Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

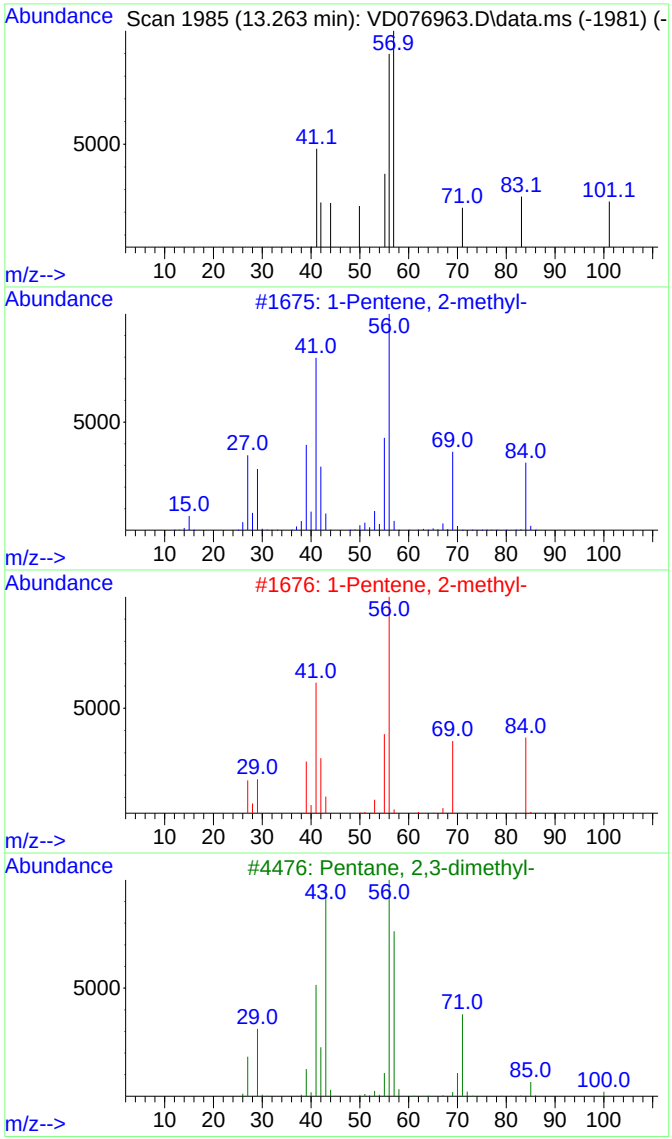
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0

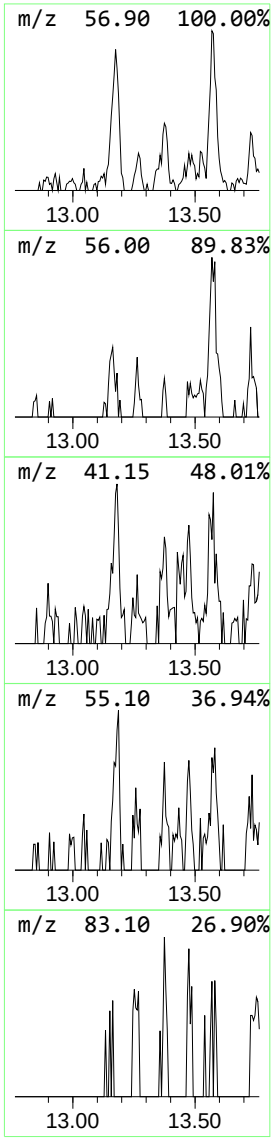
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.263	4.26 ug/L	5866	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	9
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	9
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	9
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	9
5	Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	9





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Acq On : 10 Aug 2023 15:34
Operator : JC/SY
Sample : 03965-07
Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0

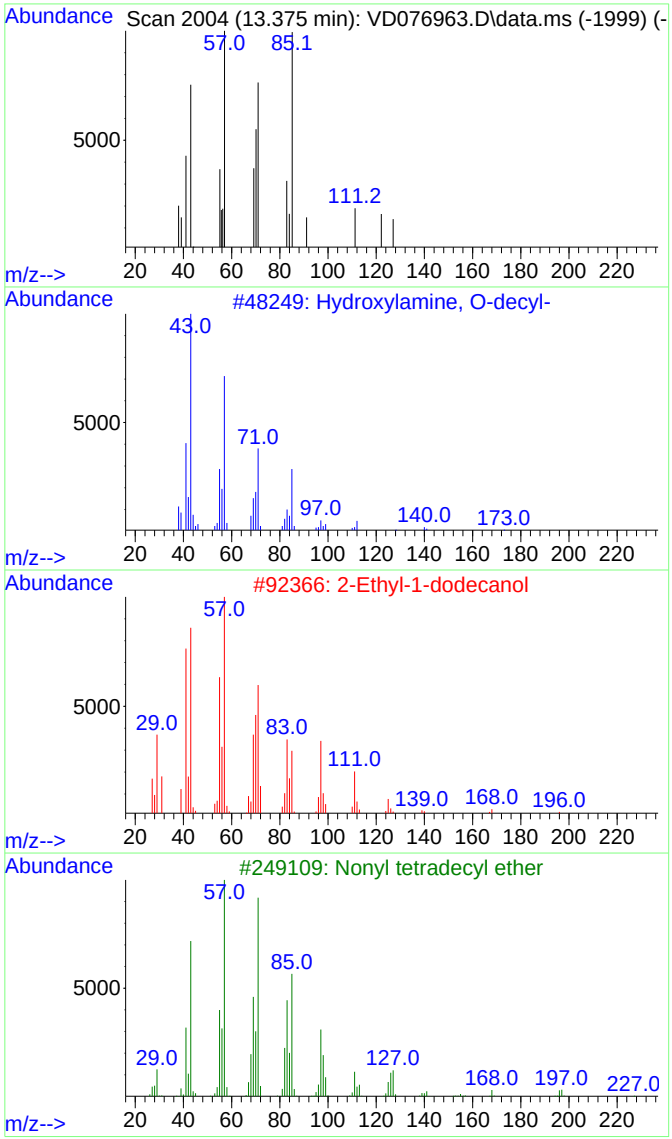
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

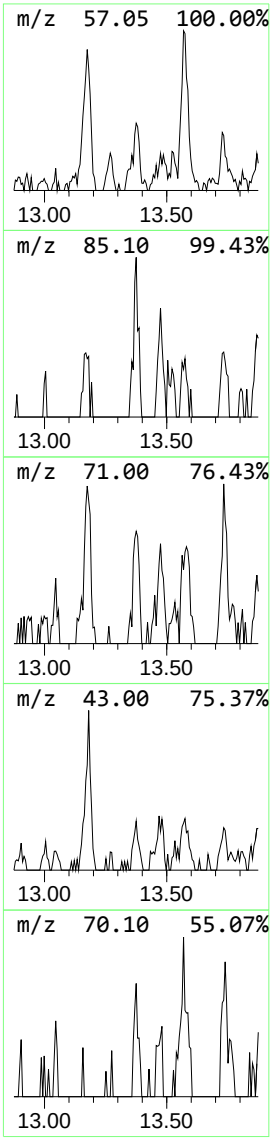
****

Peak Number 13 unknown-03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.375	9.71 ug/L	13366	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	43
2	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	43
3	Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	43
4	Sulfurous acid, isohexyl 2-penty...	236	C11H24O3S	1000309-15-5	37
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
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Acq On : 10 Aug 2023 15:34
Operator : JC/SY
Sample : 03965-07
Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

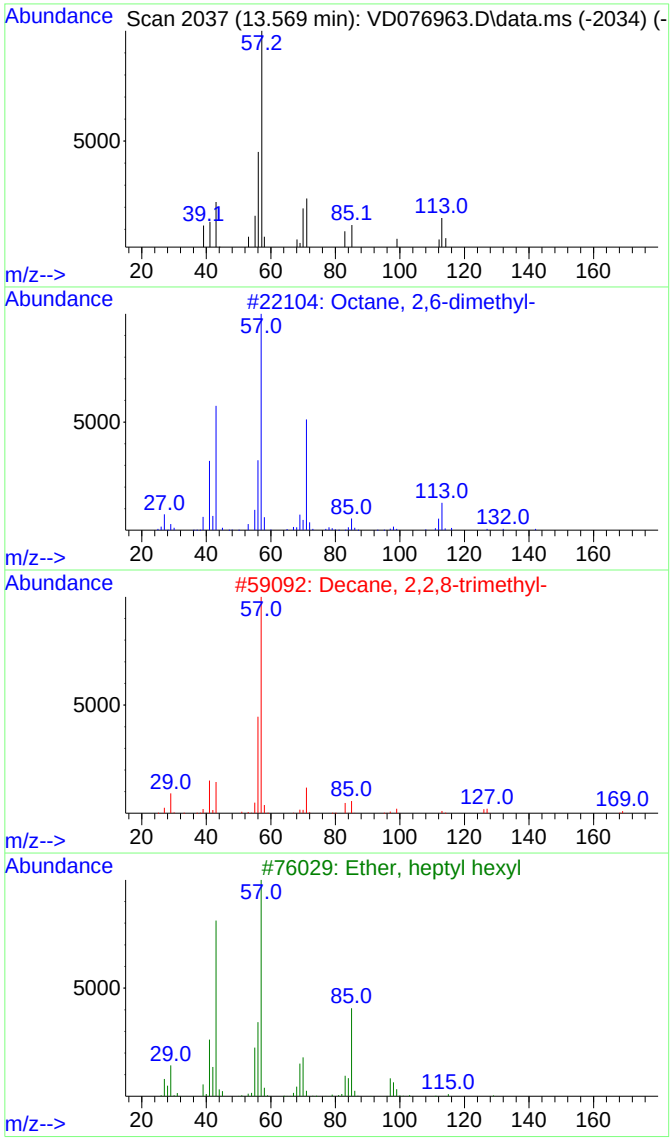
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0

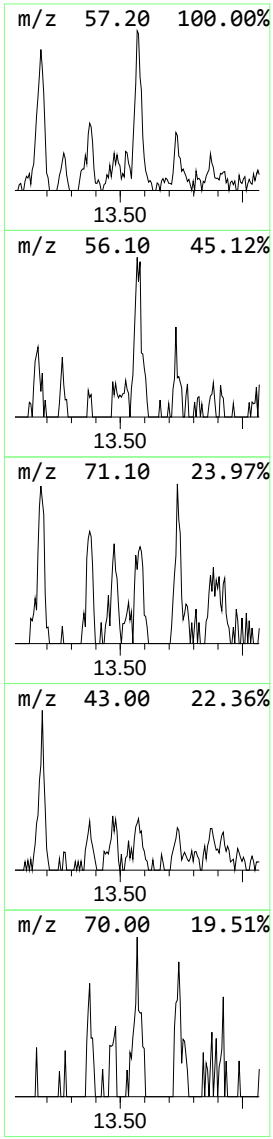
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.569	18.89 ug/L	25993	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
2	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	45
3	Ether, heptyl hexyl	200	C13H28O	007289-40-9	40
4	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	40
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40





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Acq On : 10 Aug 2023 15:34
Operator : JC/SY
Sample : 03965-07
Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

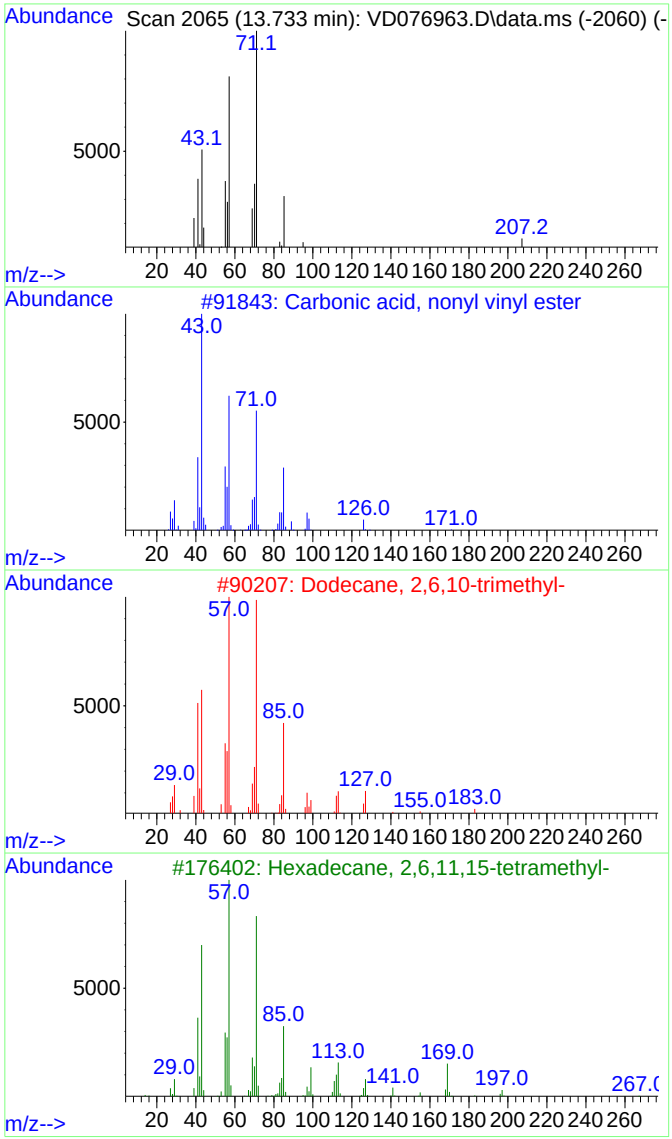
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0

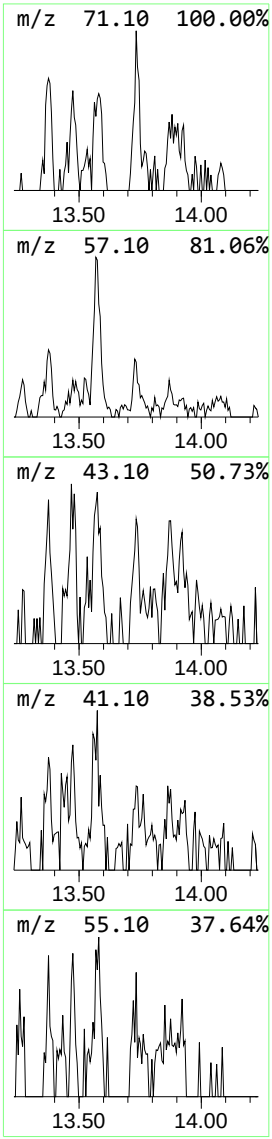
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Carbonic acid, nonyl vinyl ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.733	10.93 ug/L	15045	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	72
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	59
4	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	59
5	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	50





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Data File : VD076963.D
Acq On : 10 Aug 2023 15:34
Operator : JC/SY
Sample : 03965-07
Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

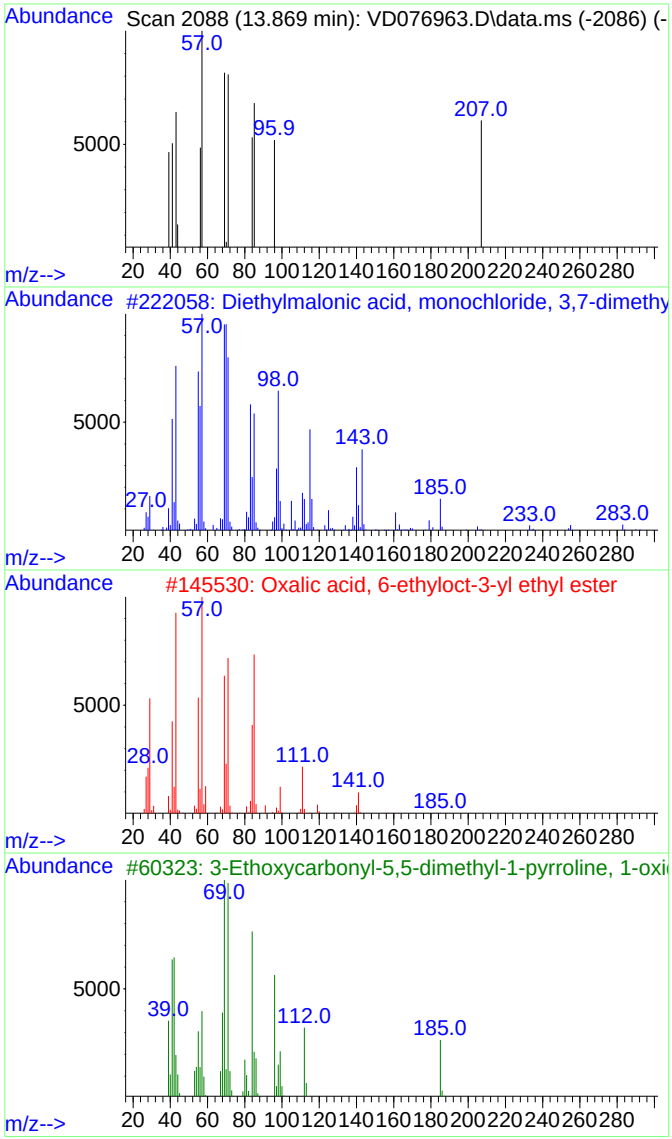
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0

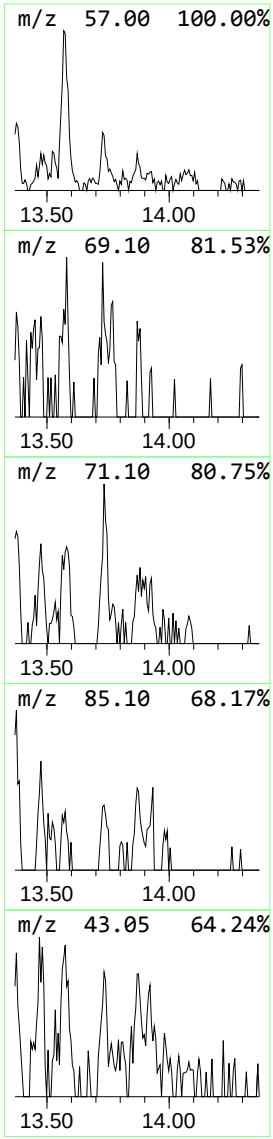
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Diethylmalonic acid, monoch... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.869	3.69 ug/L	5077	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylmalonic acid, monochlorid...	318	C17H31ClO3	1000369-41-8	50
2	Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	40
3	3-Ethoxycarbonyl-5,5-dimethyl-1-...	185	C9H15NO3	1000305-98-6	38
4	1-Trifluoroacetoxy-2-methylpentane	198	C8H13F3O2	155089-96-6	32
5	Pentane, 2-chloro-2-methyl-	120	C6H13Cl	004325-48-8	28





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Acq On : 10 Aug 2023 15:34
Operator : JC/SY
Sample : 03965-07
Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0

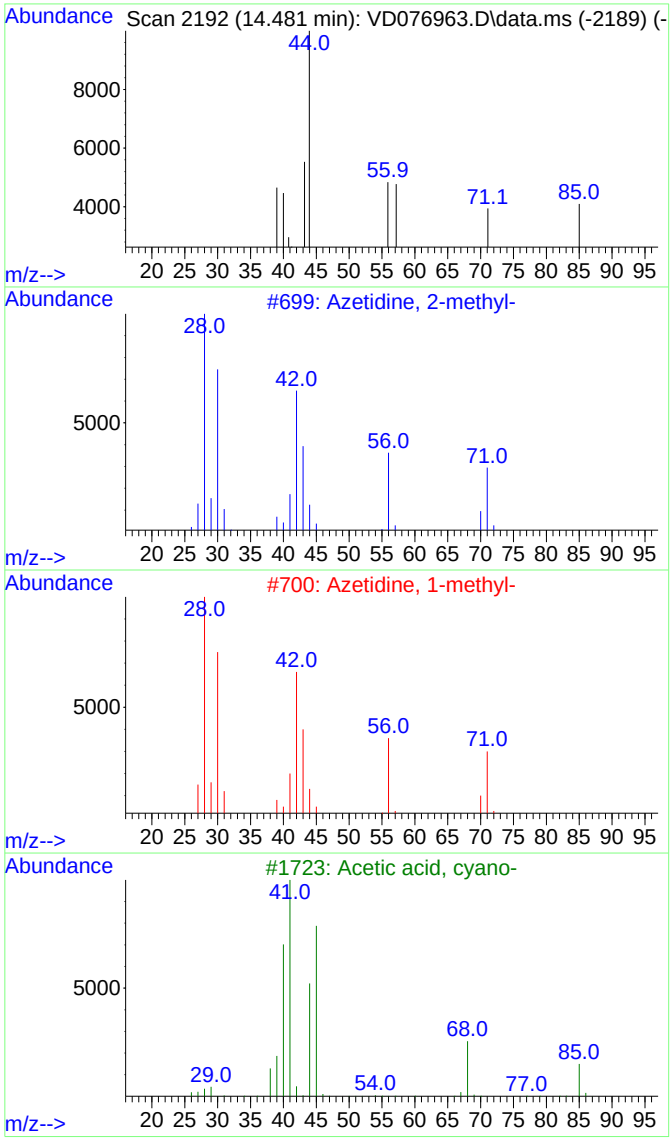
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

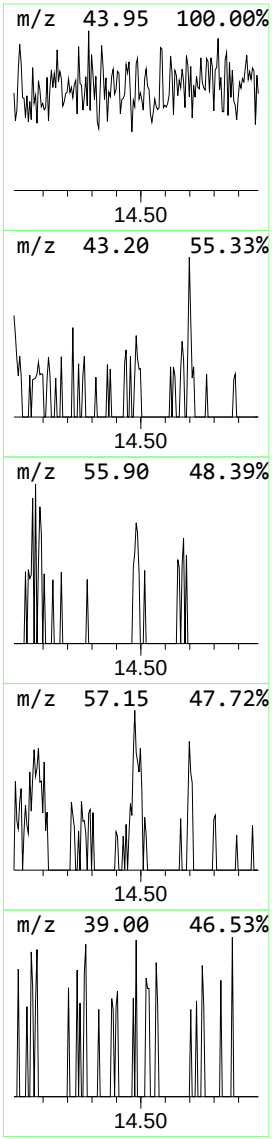
****

Peak Number 17 unknown-04 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.480	3.49 ug/L	4807	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azetidine, 2-methyl-	71	C4H9N	019812-49-8	7
2	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	7
3	Acetic acid, cyano-	85	C3H3NO2	000372-09-8	5
4	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	4
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	4





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Data File : VD076963.D
Acq On : 10 Aug 2023 15:34
Operator : JC/SY
Sample : 03965-07
Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0

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

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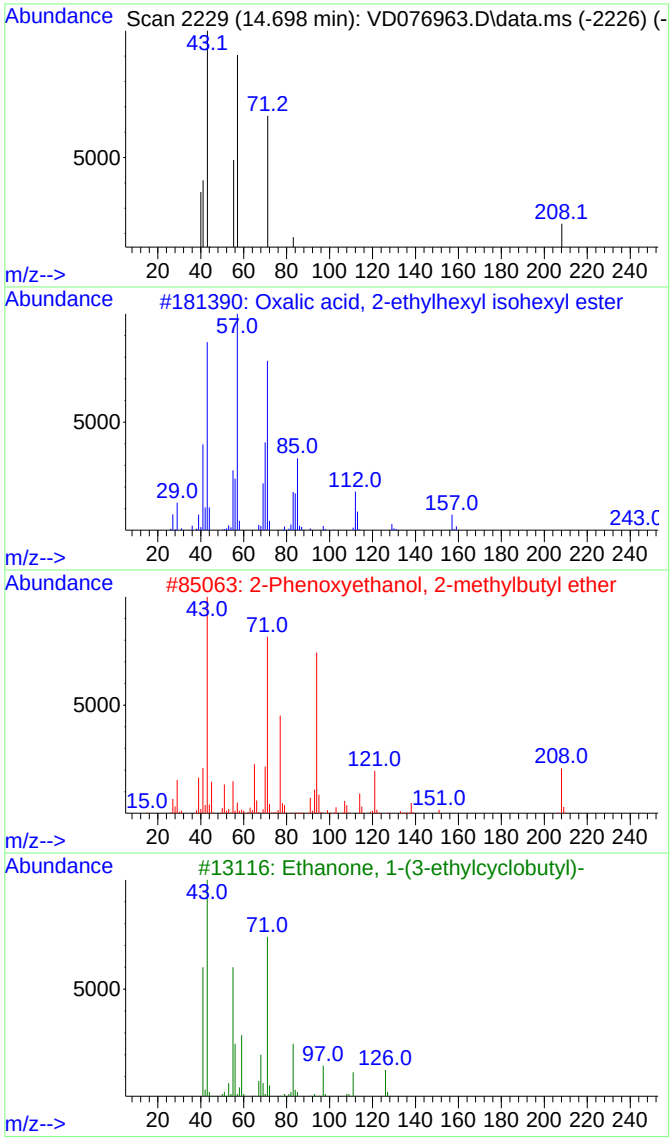
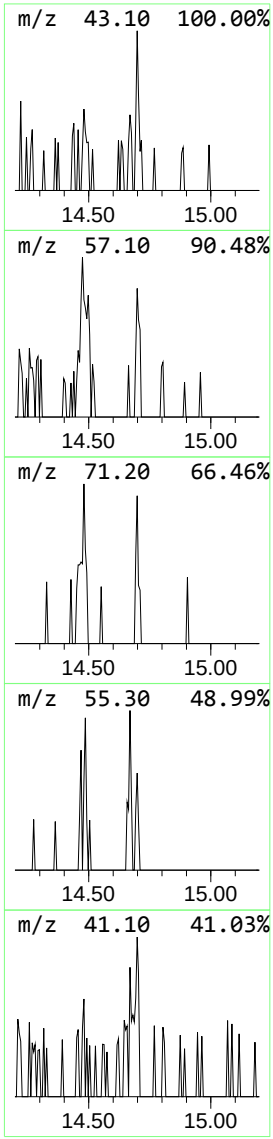
Peak Number 18 unknown-05 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.698	3.13 ug/L	4303	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	36
2	2-Phenoxyethanol, 2-methylbutyl ...	208	C13H20O2	1000394-78-9	9
3	Ethanone, 1-(3-ethylcyclobutyl)-	126	C8H14O	056335-71-8	9
4	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	9
5	Dipentaerythritol	254	C10H22O7	000126-58-9	9





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Data File : VD076963.D
Acq On : 10 Aug 2023 15:34
Operator : JC/SY
Sample : 03965-07
Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0

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

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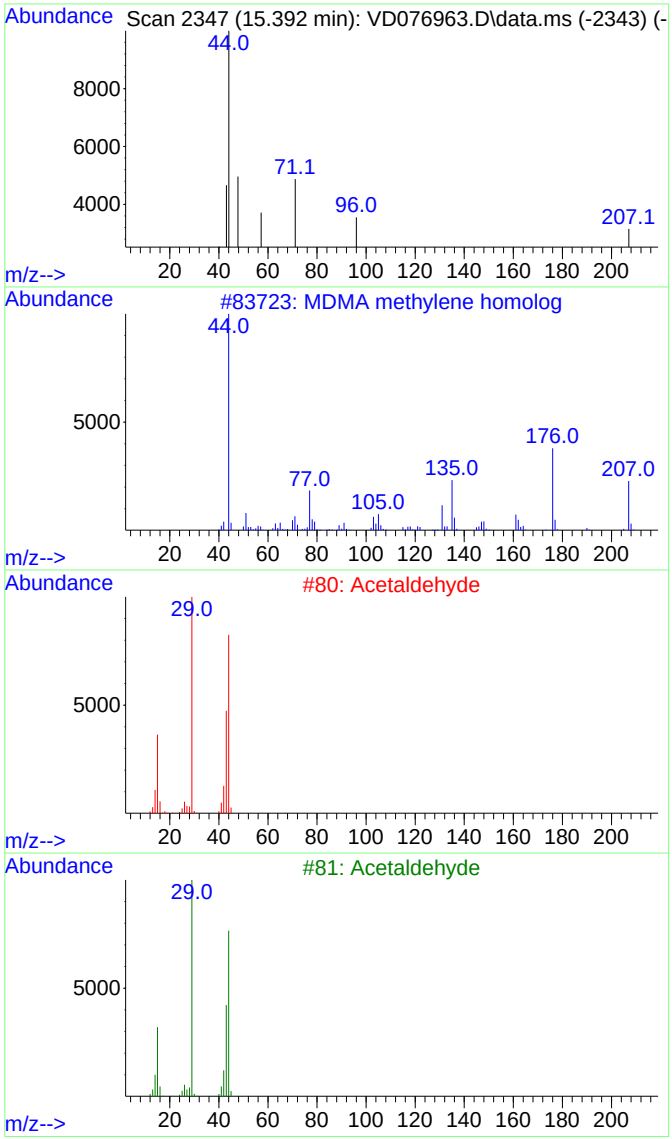
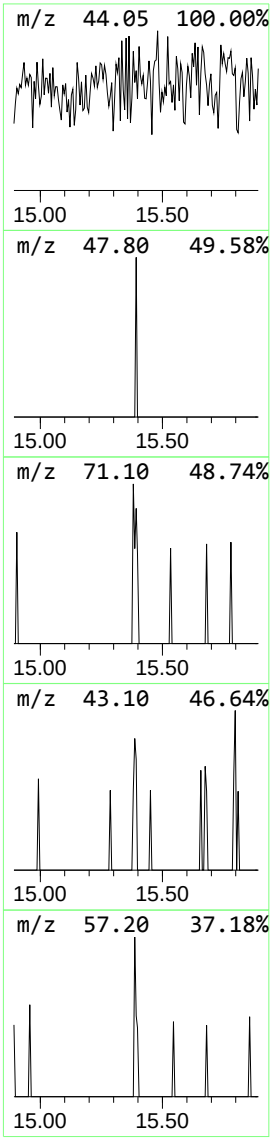
Peak Number 19 unknown-06 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.392	1.82 ug/L	2510	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	MDMA methylene homolog	207	C12H17NO2	1010386-32-2	4
2	Acetaldehyde	44	C2H4O	000075-07-0	4
3	Acetaldehyde	44	C2H4O	000075-07-0	4
4	Azetidine, 2-methyl-	71	C4H9N	019812-49-8	3
5	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	3





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Acq On : 10 Aug 2023 15:34
Operator : JC/SY
Sample : 03965-07
Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0

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

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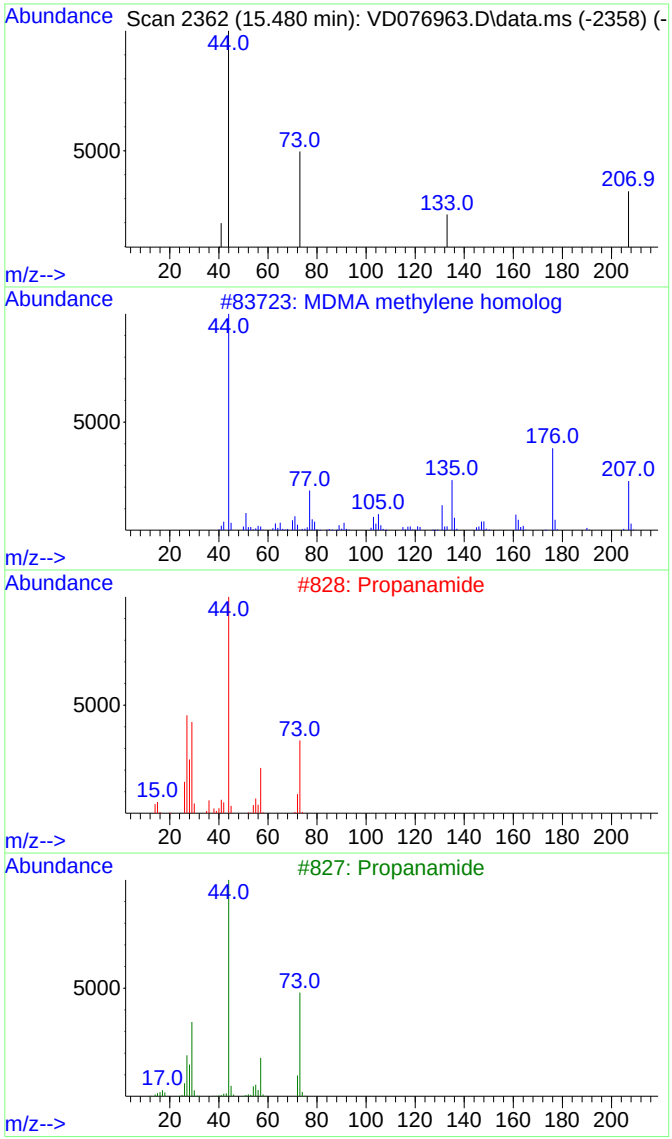
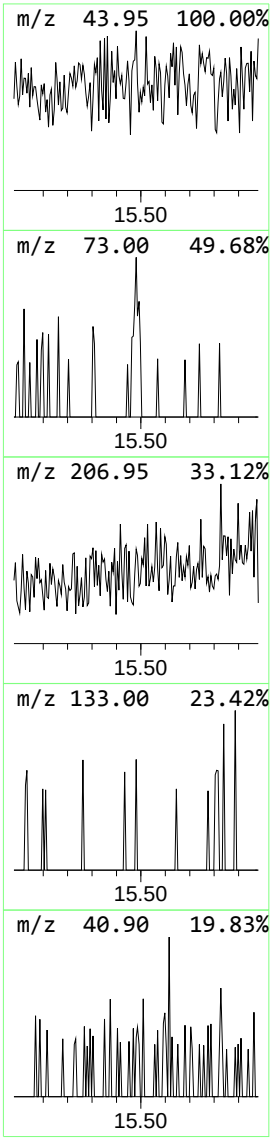
Peak Number 20 unknown-07 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.480	2.60 ug/L	3585	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	MDMA methylene homolog	207	C12H17NO2	1010386-32-2	4
2	Propanamide	73	C3H7NO	000079-05-0	4
3	Propanamide	73	C3H7NO	000079-05-0	4
4	Propanamide	73	C3H7NO	000079-05-0	4
5	Propanamide	73	C3H7NO	000079-05-0	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
Data File : VD076963.D
Acq On : 10 Aug 2023 15:34
Operator : JC/SY
Sample : 03965-07
Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0

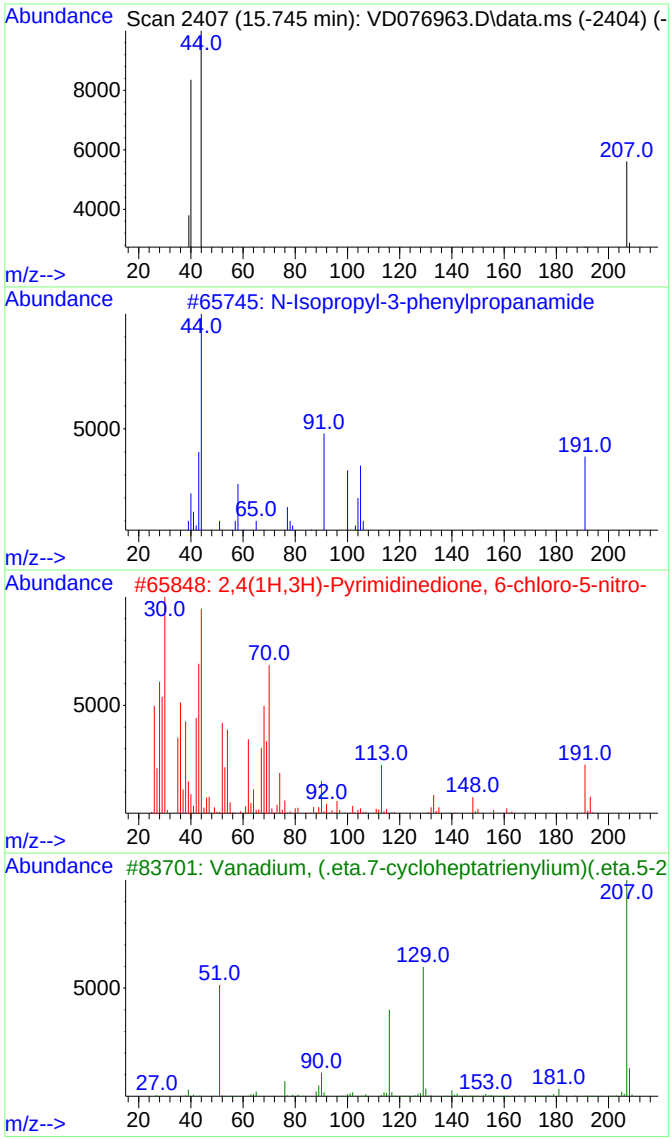
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

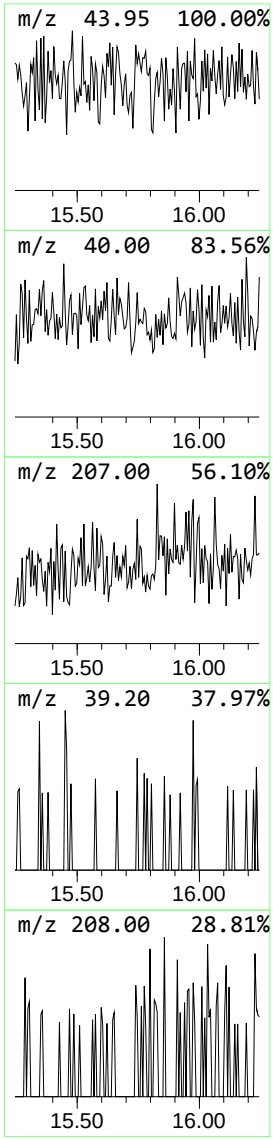
****

Peak Number 21 unknown-08 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.745	1.27 ug/L	1746	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Isopropyl-3-phenylpropanamide	191	C12H17NO	056146-87-3	4
2	2,4(1H,3H)-Pyrimidinedione, 6-ch...	191	C4H2ClN3O4	006630-30-4	4
3	Vanadium, (.eta.7-cycloheptatrie...	207	C12H12V	012636-68-9	2
4	Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	2
5	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	2





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
Data File : VD076963.D
Acq On : 10 Aug 2023 15:34
Operator : JC/SY
Sample : 03965-07
Misc : 4.28G/10.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A48H7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.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
Ethanol	3.452	14.8	ug/L	104089	1	8.775	176260	25.0
(DEL) Alkane: S...	8.634	1.6	ug/L	11098	1	8.775	176260	25.0
(DEL) Alkane: S...	10.798	2.3	ug/L	9491	2	11.581	103040	25.0
(DEL) Alkane: C...	11.128	2.4	ug/L	9752	2	11.581	103040	25.0
unknown-01	11.363	1.3	ug/L	5532	2	11.581	103040	25.0
unknown-02	13.045	1.8	ug/L	2428	3	13.516	34407	25.0
3-Octanone	13.181	21.9	ug/L	30207	3	13.516	34407	25.0
(DEL) Alkane: S...	13.263	4.3	ug/L	5866	3	13.516	34407	25.0
unknown-03	13.375	9.7	ug/L	13366	3	13.516	34407	25.0
(DEL) Alkane: S...	13.569	18.9	ug/L	25993	3	13.516	34407	25.0
Carbonic acid, ...	13.733	10.9	ug/L	15045	3	13.516	34407	25.0
Diethylmalonic ...	13.869	3.7	ug/L	5077	3	13.516	34407	25.0
unknown-04	14.480	3.5	ug/L	4807	3	13.516	34407	25.0
unknown-05	14.698	3.1	ug/L	4303	3	13.516	34407	25.0
unknown-06	15.392	1.8	ug/L	2510	3	13.516	34407	25.0
unknown-07	15.480	2.6	ug/L	3585	3	13.516	34407	25.0
unknown-08	15.745	1.3	ug/L	1746	3	13.516	34407	25.0