LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022466.D
Acq On : 08 Apr 2022 16:07
Operator : SY/VA
Sample : N2293-14
Misc : 6.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP2

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\SFAMWLM040722SMA.M
Title : SFAM01.0

Signal : TIC: VW022466.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.965	4	10	48	rBV	19962709	30694249	47.46%	24.593%
2	2.355	68	74	83	rVB	134932	236532	0.37%	0.190%
3	2.501	94	98	106	rVB	10999	20228	0.03%	0.016%
4	2.623	115	118	119	rBV3	7776	8481	0.01%	0.007%
5	2.891	155	162	171	rVB	88728	193213	0.30%	0.155%
6	4.019	336	347	357	rVV3	141453	447393	0.69%	0.358%
7	4.123	357	364	372	rVV	76785	220150	0.34%	0.176%
8	4.208	372	378	392	rVV3	41783	129582	0.20%	0.104%
9	4.391	400	408	420	rVV2	31595	102044	0.16%	0.082%
10	4.928	486	496	498	rBV6	7393	20412	0.03%	0.016%
11	5.190	526	539	555	rVB2	68205	224604	0.35%	0.180%
12	5.427	571	578	591	rBV9	4769	16766	0.03%	0.013%
13	5.562	593	600	610	rVB2	11549	31181	0.05%	0.025%
14	5.940	652	662	674	rVB3	18886	56093	0.09%	0.045%
15	6.110	682	690	697	rBV8	5235	13807	0.02%	0.011%
16	6.616	766	773	785	rVB10	5486	16985	0.03%	0.014%
17	6.988	822	834	842	rBV5	13872	44543	0.07%	0.036%
18	7.080	842	849	859	rVV	38300	115385	0.18%	0.092%
19	7.171	859	864	874	rVB	14081	37809	0.06%	0.030%
20	7.653	933	943	957	rVB	254902	625643	0.97%	0.501%
21	7.921	973	987	998	rBV7	25960	103780	0.16%	0.083%
22	8.159	1017	1026	1034	rBV3	24806	58890	0.09%	0.047%
23	8.323	1034	1053	1064	rBV2	3502077	8850507	13.68%	7.091%
24	8.415	1064	1068	1071	rVV6	5399	12075	0.02%	0.010%
25	8.445	1071	1073	1080	rVB6	6505	14031	0.02%	0.011%
26	8.561	1087	1092	1101	rVB5	9822	26540	0.04%	0.021%
27	8.841	1128	1138	1150	rBV	483907	955589	1.48%	0.766%
28	9.049	1164	1172	1182	rBV2	39327	99242	0.15%	0.080%
29	9.140	1184	1187	1195	rVB9	5287	11260	0.02%	0.009%
30	9.274	1201	1209	1231	rBV3	363031	826668	1.28%	0.662%
31	9.506	1240	1247	1257	rVB4	13888	33208	0.05%	0.027%
32	9.713	1274	1281	1286	rVB9	3999	8551	0.01%	0.007%
33	9.811	1289	1297	1307	rVB6	14909	38804	0.06%	0.031%
34	9.963	1314	1322	1328	rVV	724397	1329161	2.06%	1.065%
35	10.036	1328	1334	1341	rVV	191293	348529	0.54%	0.279%
36	10.103	1341	1345	1353	rVB10	5719	14098	0.02%	0.011%

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Instrument :
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ClientSampleId :
ETNP2

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\SFAMWLM040722SMA.M
Title : SFAM01.0

37	10.213	1357	1363	1366	rVV	11527	23412	0.04%	0.019%
38	10.244	1366	1368	1373	rVB3	9070	11997	0.02%	0.010%
39	10.323	1373	1381	1386	rBV	703520	1252888	1.94%	1.004%
40	10.384	1386	1391	1400	rVV2	1037034	1838946	2.84%	1.473%
41	10.469	1400	1405	1416	rVB2	43466	106684	0.16%	0.085%
42	10.579	1416	1423	1430	rBV	117212	197899	0.31%	0.159%
43	10.719	1439	1446	1459	rVB	400204	719043	1.11%	0.576%
44	10.859	1459	1469	1473	rBV2	17516	35555	0.05%	0.028%
45	10.926	1473	1480	1492	rBV2	245816	484765	0.75%	0.388%
46	11.061	1496	1502	1508	rBV	45275	75094	0.12%	0.060%
47	11.176	1516	1521	1530	rVB2	12066	21810	0.03%	0.017%
48	11.292	1530	1540	1548	rBV	122701	232125	0.36%	0.186%
49	11.378	1548	1554	1556	rVV	10938	19671	0.03%	0.016%
50	11.408	1556	1559	1567	rVB4	14848	25124	0.04%	0.020%
51	11.481	1567	1571	1576	rVB7	5180	7979	0.01%	0.006%
52	11.560	1576	1584	1589	rBV	154751	241577	0.37%	0.194%
53	11.658	1589	1600	1609	rVV	42319832	64674590	100.00%	51.819%
54	11.731	1609	1612	1618	rVV	54609	88298	0.14%	0.071%
55	11.835	1618	1629	1635	rVB2	43033	116244	0.18%	0.093%
56	11.963	1642	1650	1654	rBV7	14585	33384	0.05%	0.027%
57	12.006	1654	1657	1662	rVB3	10913	17058	0.03%	0.014%
58	12.164	1678	1683	1690	rVB	37824	64647	0.10%	0.052%
59	12.347	1708	1713	1719	rVB7	6961	13169	0.02%	0.011%
60	12.463	1728	1732	1736	rVB4	7306	10873	0.02%	0.009%
61	12.597	1748	1754	1758	rBV6	8709	18334	0.03%	0.015%
62	12.658	1758	1764	1766	rVV	189617	310647	0.48%	0.249%
63	12.688	1766	1769	1774	rVV	262479	429698	0.66%	0.344%
64	12.743	1774	1778	1784	rVB2	62152	103949	0.16%	0.083%
65	12.798	1784	1787	1793	rVB4	10129	17090	0.03%	0.014%
66	12.890	1793	1802	1808	rBV	205275	384200	0.59%	0.308%
67	12.987	1815	1818	1823	rVB2	7809	10647	0.02%	0.009%
68	13.048	1823	1828	1833	rBV6	9510	18656	0.03%	0.015%
69	13.115	1833	1839	1845	rVV4	49264	92302	0.14%	0.074%
70	13.188	1845	1851	1855	rVV2	22219	37595	0.06%	0.030%
71	13.249	1855	1861	1864	rVV	19697	32068	0.05%	0.026%
72	13.292	1864	1868	1874	rVB3	28135	50961	0.08%	0.041%
73	13.365	1874	1880	1890	rBV2	71290	139733	0.22%	0.112%
74	13.444	1890	1893	1897	rBV6	5473	9111	0.01%	0.007%
75	13.493	1898	1901	1904	rVV4	8332	10857	0.02%	0.009%
76	13.554	1904	1911	1919	rVV	811344	1362678	2.11%	1.092%

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ETNP2

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\SFAMWLM040722SMA.M
Title : SFAM01.0

77	13.639	1919	1925	1935	rVB	157840	284210	0.44%	0.228%
78	13.755	1940	1944	1947	rVV6	7071	12033	0.02%	0.010%
79	13.798	1947	1951	1952	rVV4	6474	9424	0.01%	0.008%
80	13.859	1952	1961	1971	rVV3	1361279	2655223	4.11%	2.127%
81	13.944	1971	1975	1980	rVB5	10345	17933	0.03%	0.014%
82	14.036	1985	1990	1995	rBV3	31072	47063	0.07%	0.038%
83	14.212	2013	2019	2024	rBV5	37597	63952	0.10%	0.051%
84	14.347	2036	2041	2047	rVV9	8969	17409	0.03%	0.014%
85	14.414	2048	2052	2056	rVV6	8221	14034	0.02%	0.011%
86	14.462	2056	2060	2066	rVV4	24006	45154	0.07%	0.036%
87	14.523	2066	2070	2074	rVV7	5189	9286	0.01%	0.007%
88	14.578	2074	2079	2085	rVB3	21595	37171	0.06%	0.030%
89	14.694	2091	2098	2099	rBV3	15833	24627	0.04%	0.020%
90	14.731	2099	2104	2110	rVV	317428	501972	0.78%	0.402%
91	14.792	2110	2114	2118	rVV4	5943	10685	0.02%	0.009%
92	14.956	2137	2141	2147	rBV8	4463	10815	0.02%	0.009%
93	15.103	2153	2165	2175	rBV9	25163	93359	0.14%	0.075%
94	15.359	2203	2207	2212	rVV	10618	18689	0.03%	0.015%
95	15.487	2224	2228	2235	rVB5	13336	26245	0.04%	0.021%
96	15.602	2241	2247	2253	rBV3	38522	69195	0.11%	0.055%
97	15.730	2260	2268	2280	rBV	672976	1311873	2.03%	1.051%
98	16.444	2378	2385	2389	rBV8	5293	13225	0.02%	0.011%
99	16.645	2410	2418	2421	rVV7	4252	10021	0.02%	0.008%
100	16.730	2423	2432	2440	rVB2	79273	177780	0.27%	0.142%

Sum of corrected areas: 124808769

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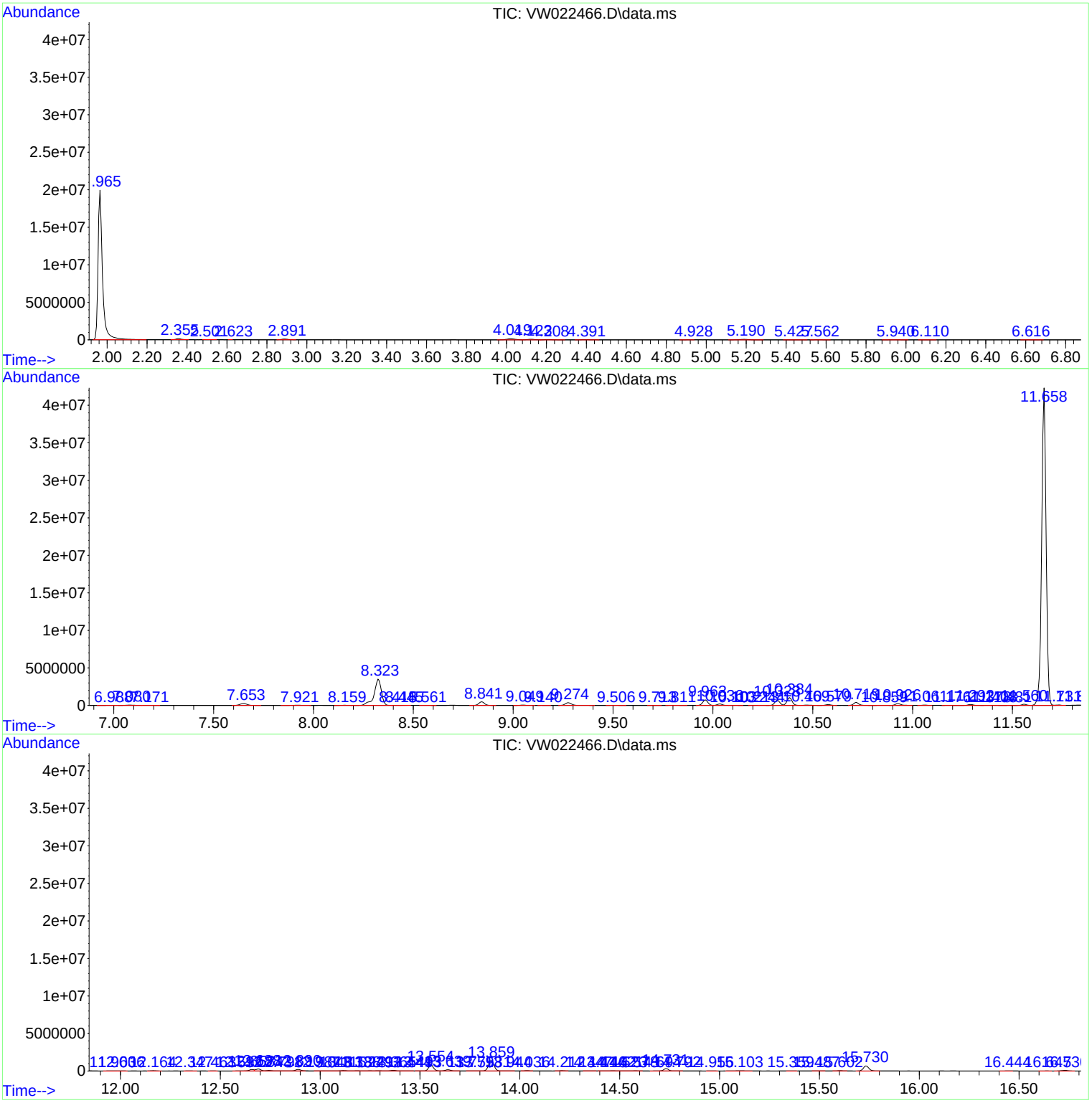
Instrument :
MSVOA_W
ClientSampleId :
ETNP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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



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ClientSampleId :
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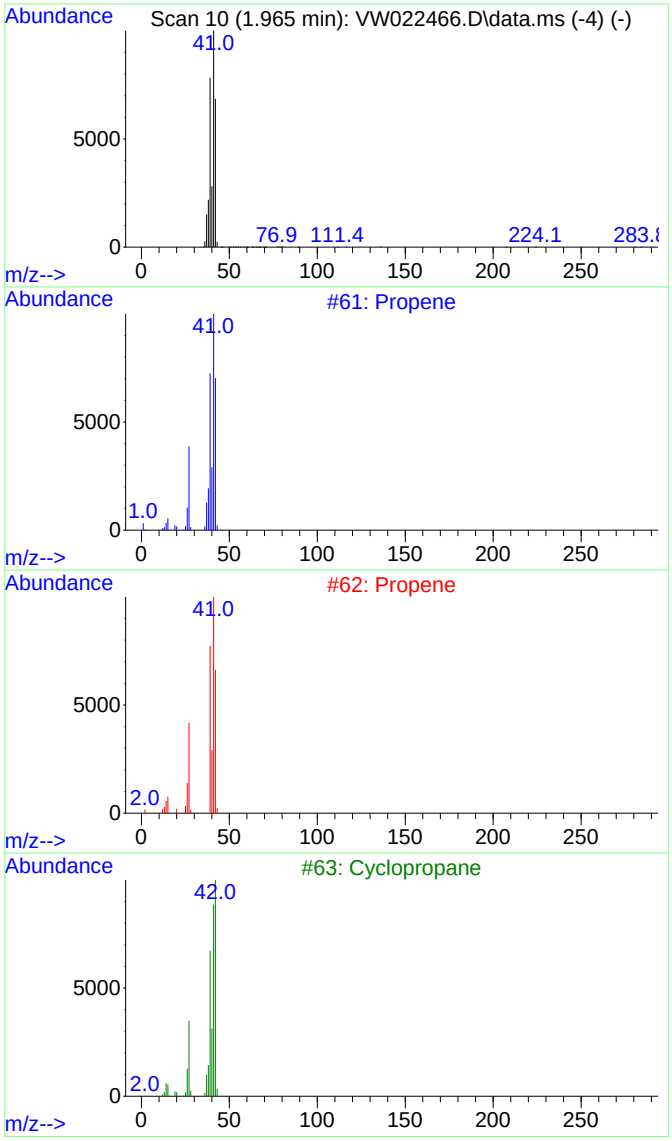
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

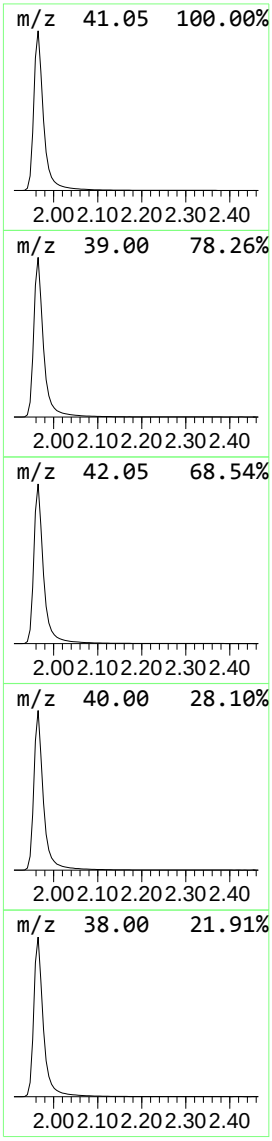
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.965	803.02 ug/L	30694200	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	64
3	Cyclopropane	42	C3H6	000075-19-4	64
4	Cyclopropane	42	C3H6	000075-19-4	10
5	Cyclopropene	40	C3H4	002781-85-3	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022466.D
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP2

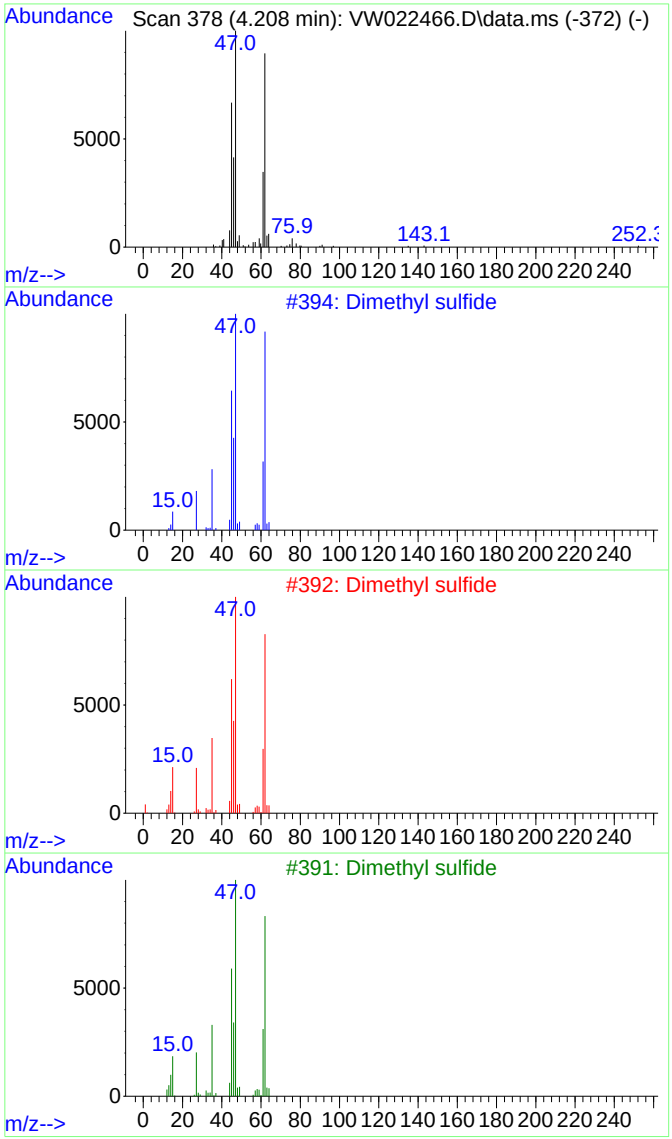
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

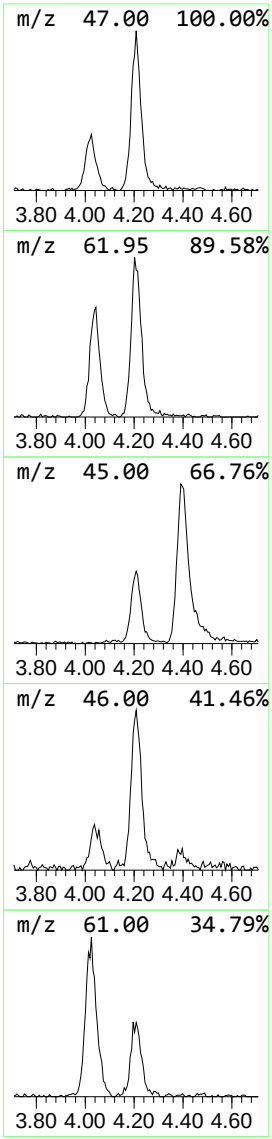
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dimethyl sulfide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.208	3.39 ug/L	129582	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2	Dimethyl sulfide	62	C2H6S	000075-18-3	91
3	Dimethyl sulfide	62	C2H6S	000075-18-3	91
4	Dimethyl sulfide	62	C2H6S	000075-18-3	91
5	Dimethyl sulfide	62	C2H6S	000075-18-3	87





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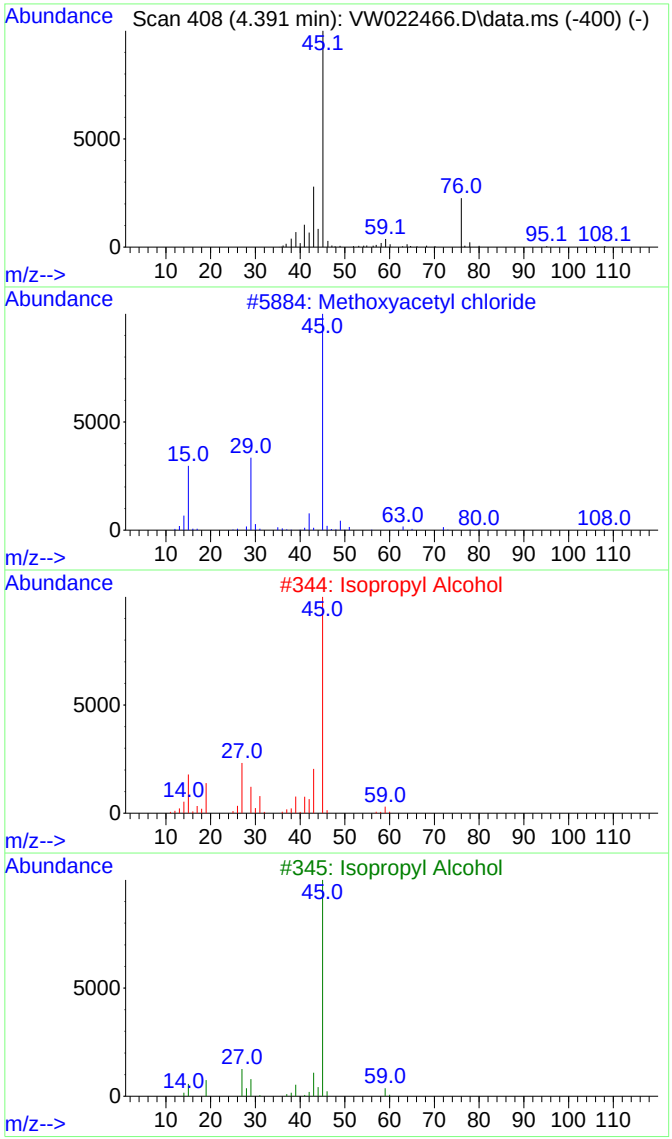
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

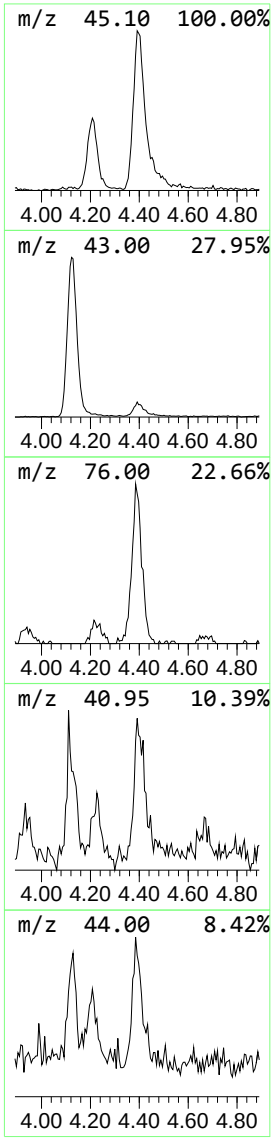
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Methoxyacetyl chloride Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.391	2.67 ug/L	102044	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetyl chloride	108	C3H5ClO2	038870-89-2	53
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	53
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	45
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	42
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	42





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP2

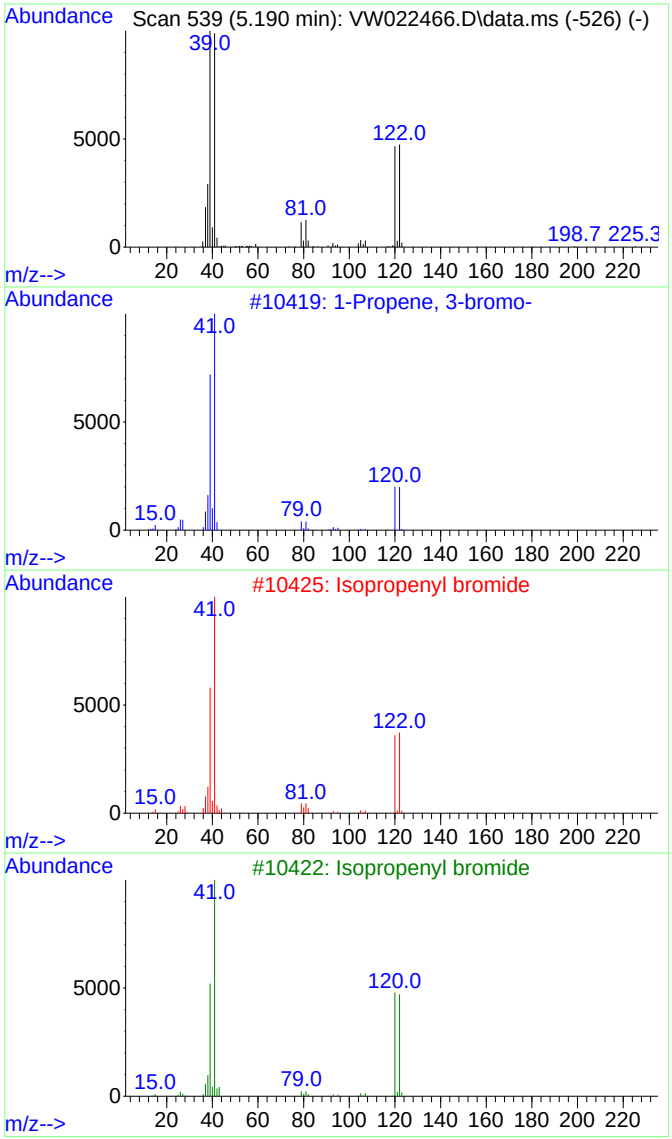
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

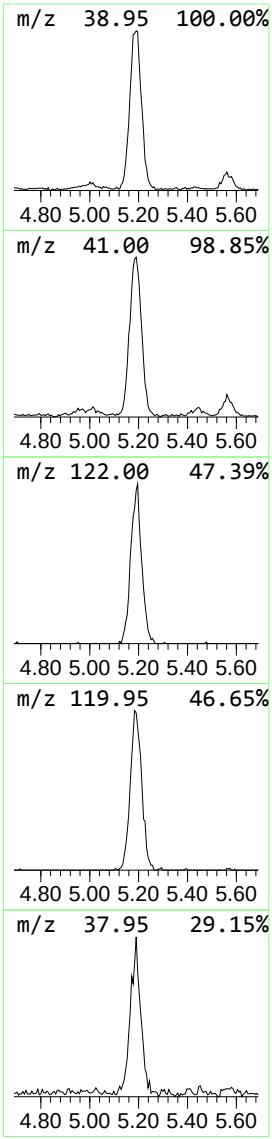
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Propene, 3-bromo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.190	5.88 ug/L	224604	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-bromo-	120	C3H5Br	000106-95-6	87
2	Isopropenyl bromide	120	C3H5Br	000557-93-7	72
3	Isopropenyl bromide	120	C3H5Br	000557-93-7	72
4	1-Propyne, 3-bromo-	118	C3H3Br	000106-96-7	72
5	Cyclopropyl bromide	120	C3H5Br	004333-56-6	64





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Data File : VW022466.D
Acq On : 08 Apr 2022 16:07
Operator : SY/VA
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Misc : 6.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP2

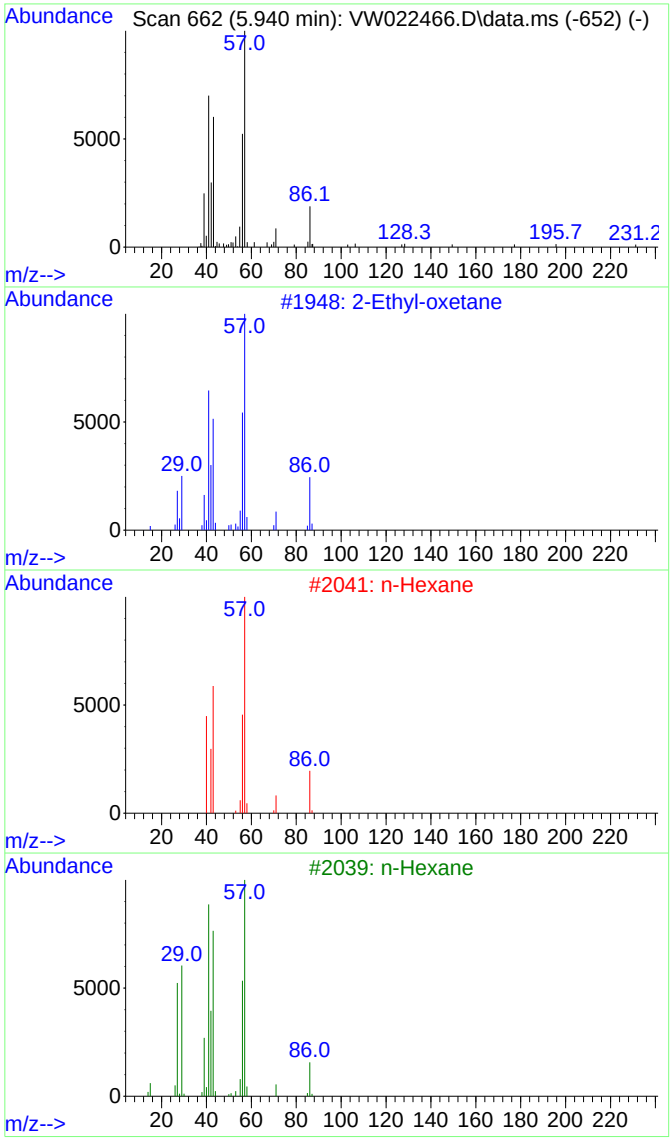
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

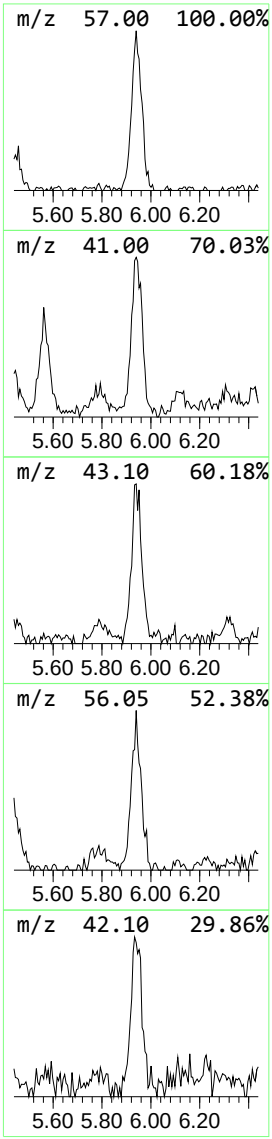
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Ethyl-oxetane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.940	1.47 ug/L	56093	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	87
2	n-Hexane	86	C6H14	000110-54-3	80
3	n-Hexane	86	C6H14	000110-54-3	72
4	n-Hexane	86	C6H14	000110-54-3	56
5	2H-Pyran-2-one, tetrahydro-5,6-d...	128	C7H12O2	024405-16-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022466.D
Acq On : 08 Apr 2022 16:07
Operator : SY/VA
Sample : N2293-14
Misc : 6.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP2

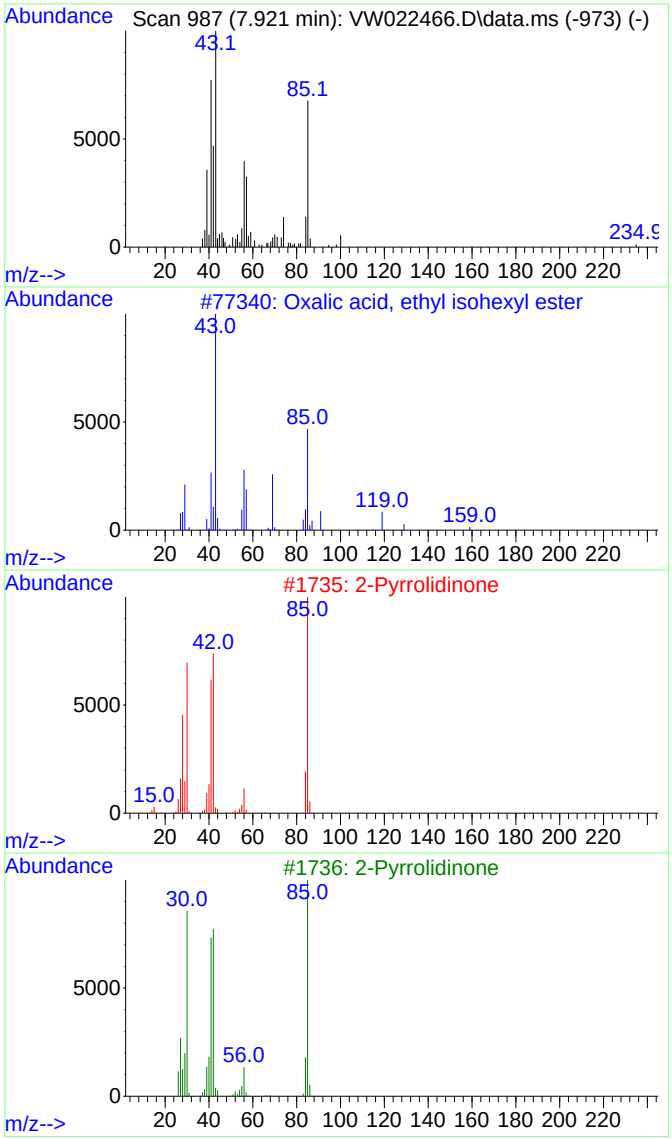
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

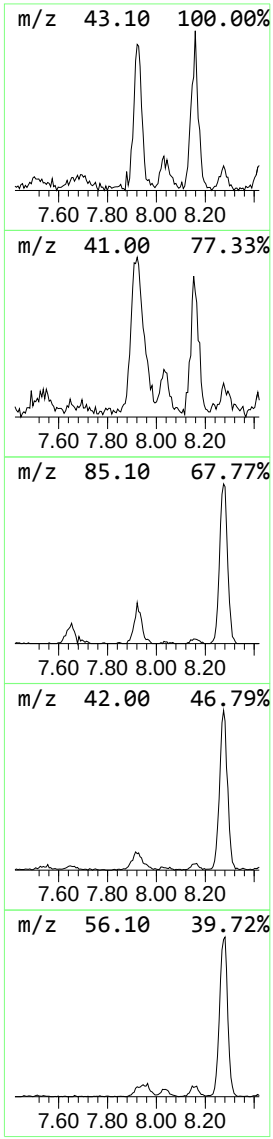
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Oxalic acid, ethyl isohexyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.921	2.72 ug/L	103780	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, ethyl isohexyl ester	202	C10H18O4	1000309-32-5	50
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	47
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	47
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	46
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	43





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Data File : VW022466.D
Acq On : 08 Apr 2022 16:07
Operator : SY/VA
Sample : N2293-14
Misc : 6.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP2

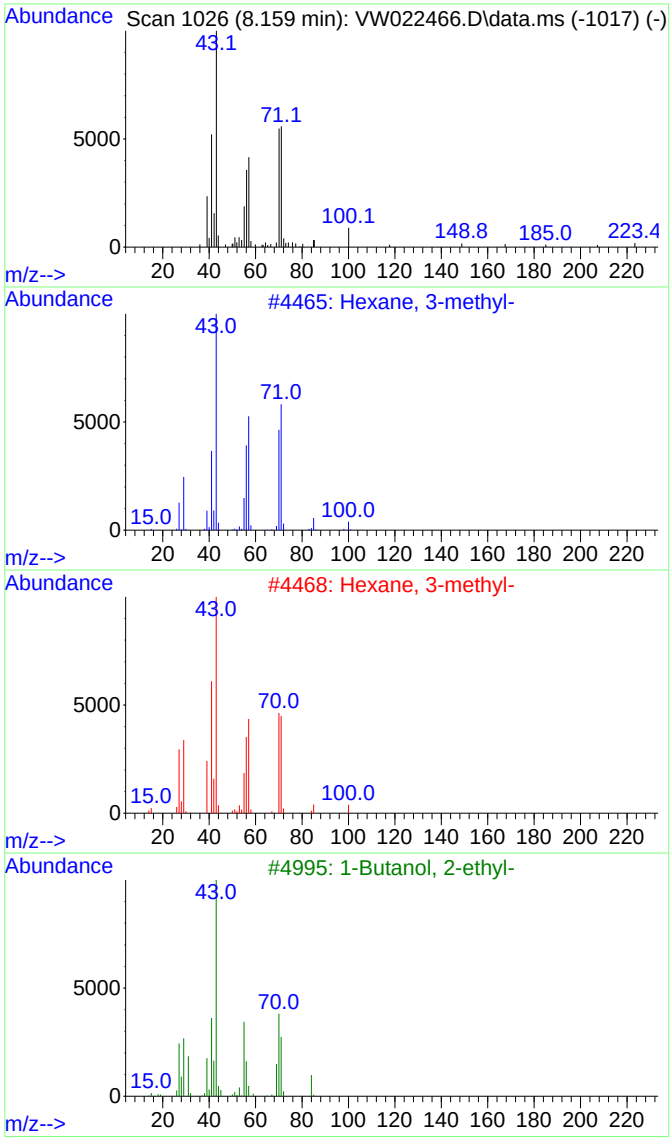
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

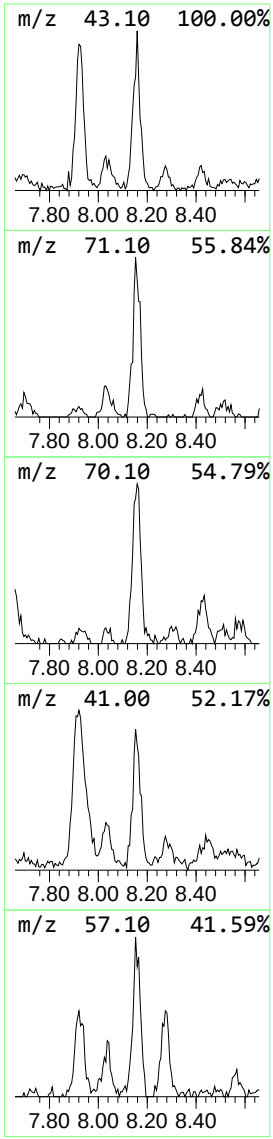
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.159	1.54 ug/L	58890	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	90
3	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	72
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	72
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	72





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Data File : VW022466.D
Acq On : 08 Apr 2022 16:07
Operator : SY/VA
Sample : N2293-14
Misc : 6.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP2

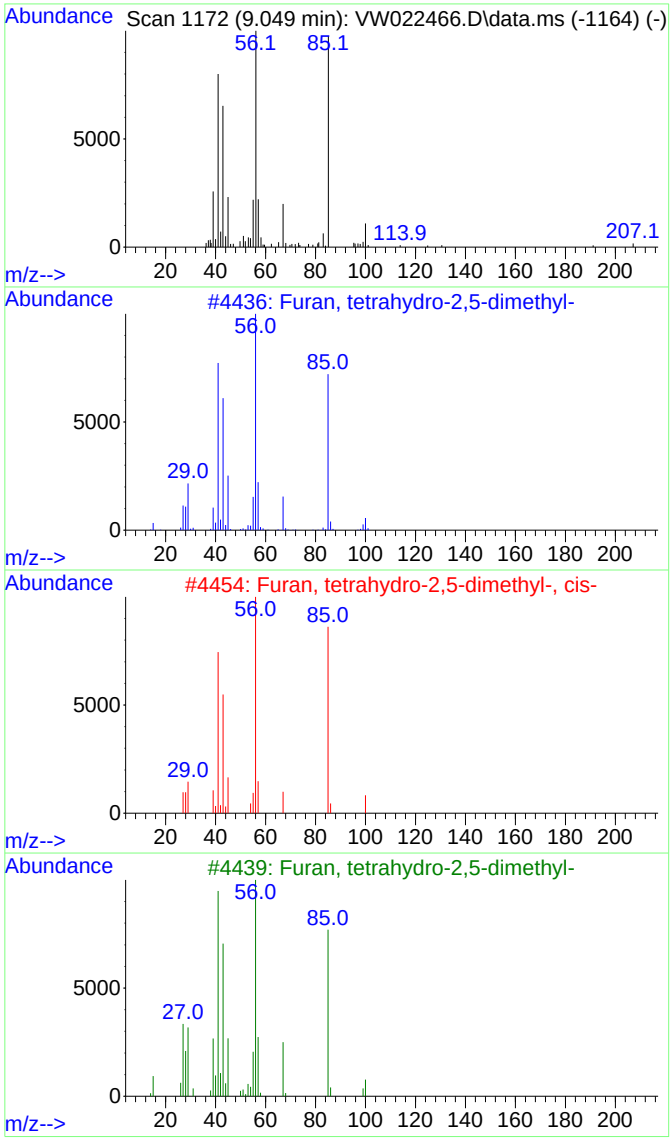
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

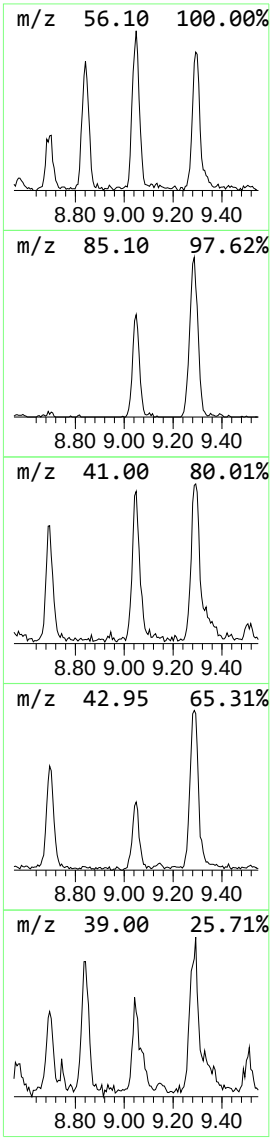
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Furan, tetrahydro-2,5-dimet... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.049	2.60 ug/L	99242	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	91
2	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	002144-41-4	87
3	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	81
4	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	72
5	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022466.D
Acq On : 08 Apr 2022 16:07
Operator : SY/VA
Sample : N2293-14
Misc : 6.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP2

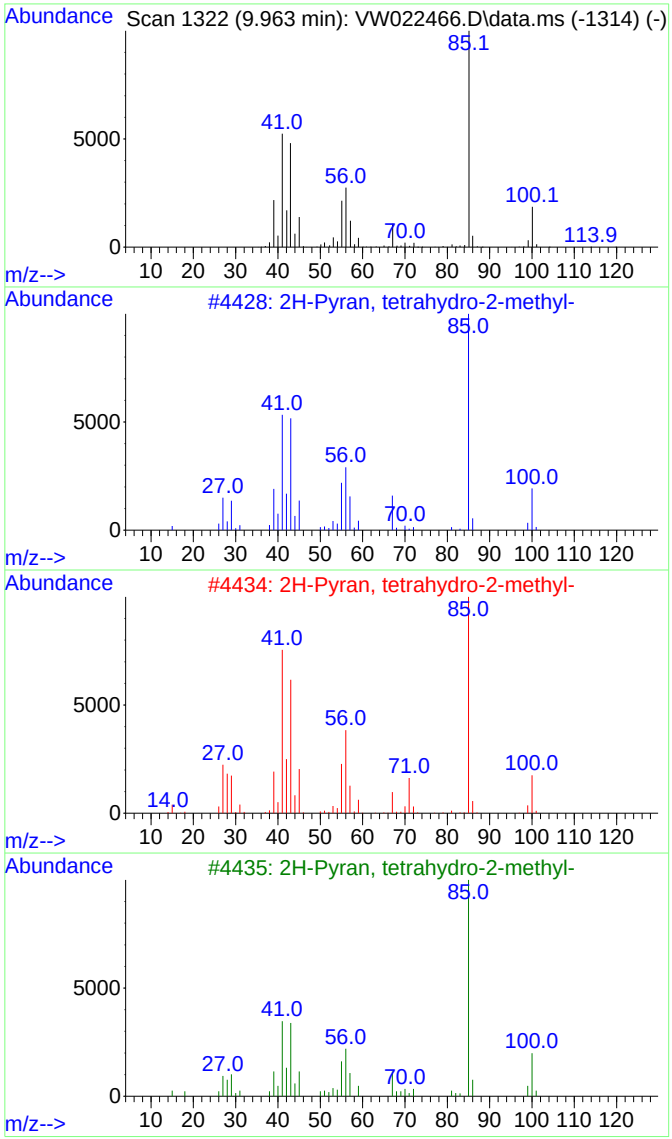
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

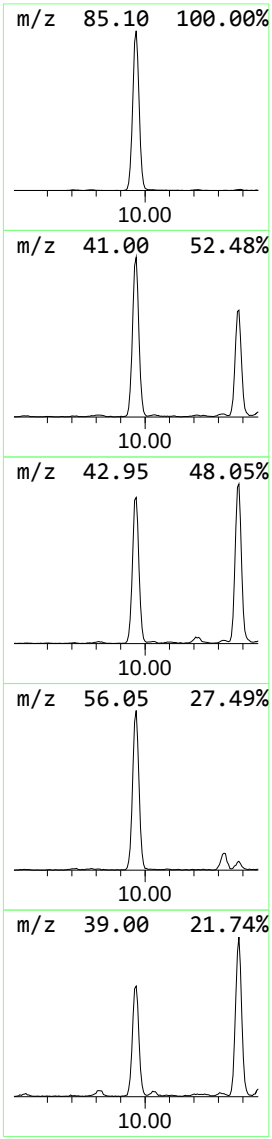
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.963	34.77 ug/L	1329160	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	97
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	91
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	91
4	2H-Pyran-2-ol, tetrahydro-	102	C5H10O2	000694-54-2	64
5	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	56





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Data File : VW022466.D
Acq On : 08 Apr 2022 16:07
Operator : SY/VA
Sample : N2293-14
Misc : 6.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP2

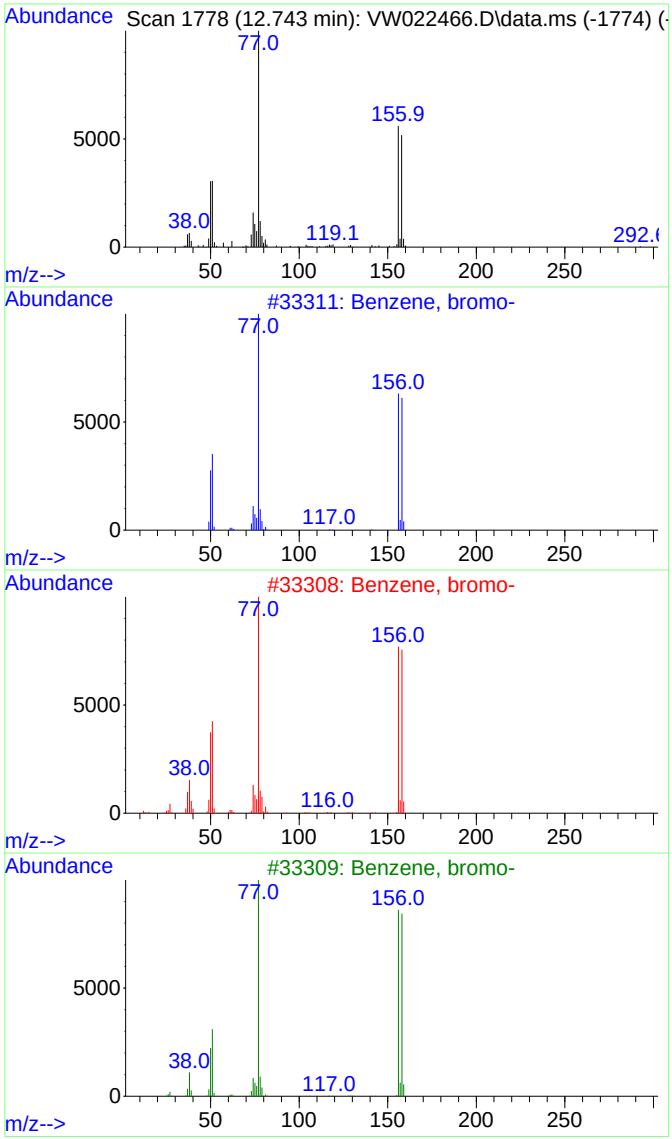
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

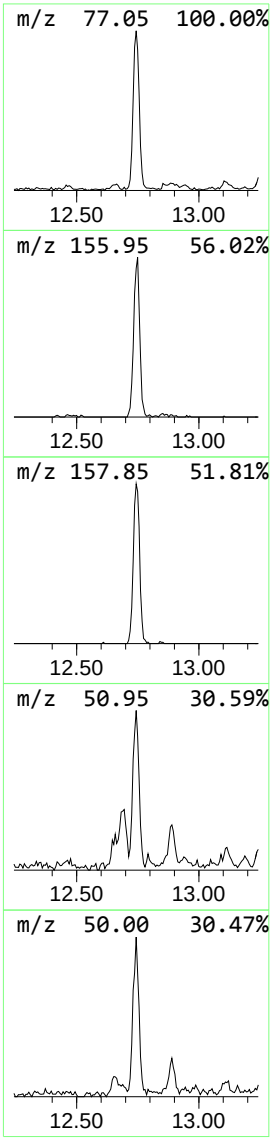
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, bromo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.743	1.91 ug/L	103949	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, bromo-	156	C6H5Br	000108-86-1	95
2	Benzene, bromo-	156	C6H5Br	000108-86-1	94
3	Benzene, bromo-	156	C6H5Br	000108-86-1	94
4	Benzene, bromo-	156	C6H5Br	000108-86-1	94
5	Benzene, bromo-	156	C6H5Br	000108-86-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022466.D
Acq On : 08 Apr 2022 16:07
Operator : SY/VA
Sample : N2293-14
Misc : 6.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP2

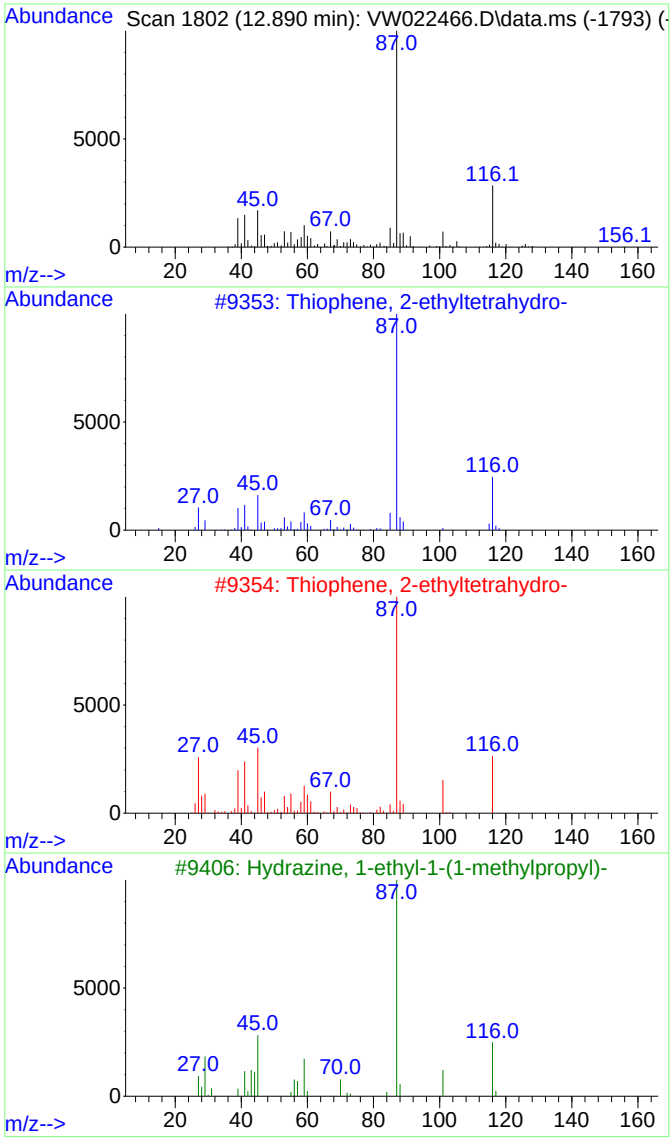
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

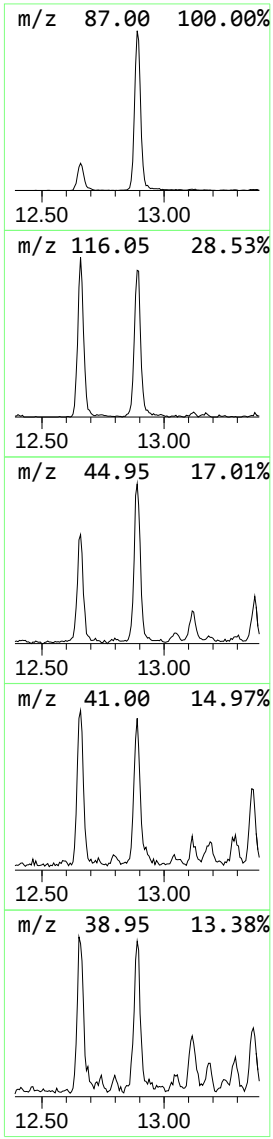
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Thiophene, 2-ethyltetrahydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.890	7.05 ug/L	384200	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	94
2	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	91
3	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	59
4	1,3-Dioxane, 2-methyl-	102	C5H10O2	000626-68-6	52
5	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022466.D
Acq On : 08 Apr 2022 16:07
Operator : SY/VA
Sample : N2293-14
Misc : 6.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

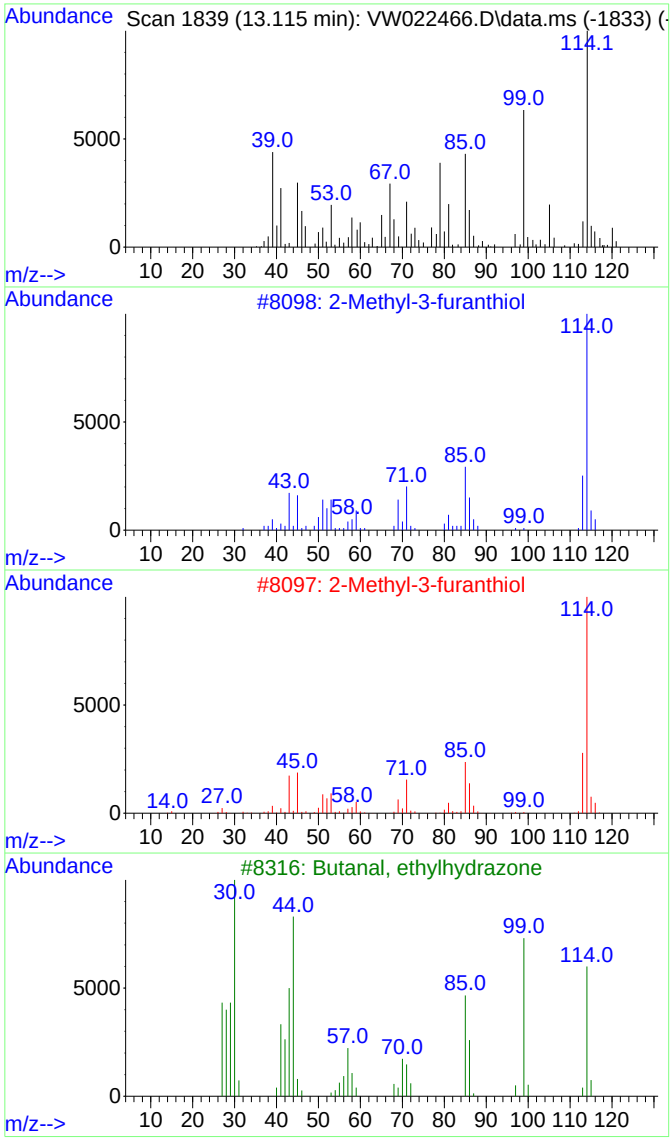
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

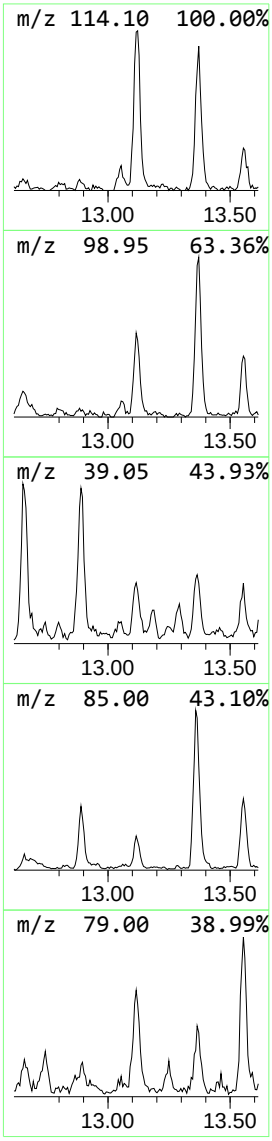
****

Peak Number 13 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.115	1.69 ug/L	92302	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3-furanthiol	114	C5H6OS	028588-74-1	49
2	2-Methyl-3-furanthiol	114	C5H6OS	028588-74-1	45
3	Butanal, ethylhydrazone	114	C6H14N2	051576-30-8	43
4	3-Isopropyl-2,5-piperazine-dione	156	C7H12N2O2	014771-77-8	38
5	Propanal, 2-methyl-, ethylhydrazone	114	C6H14N2	020607-77-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022466.D
Acq On : 08 Apr 2022 16:07
Operator : SY/VA
Sample : N2293-14
Misc : 6.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

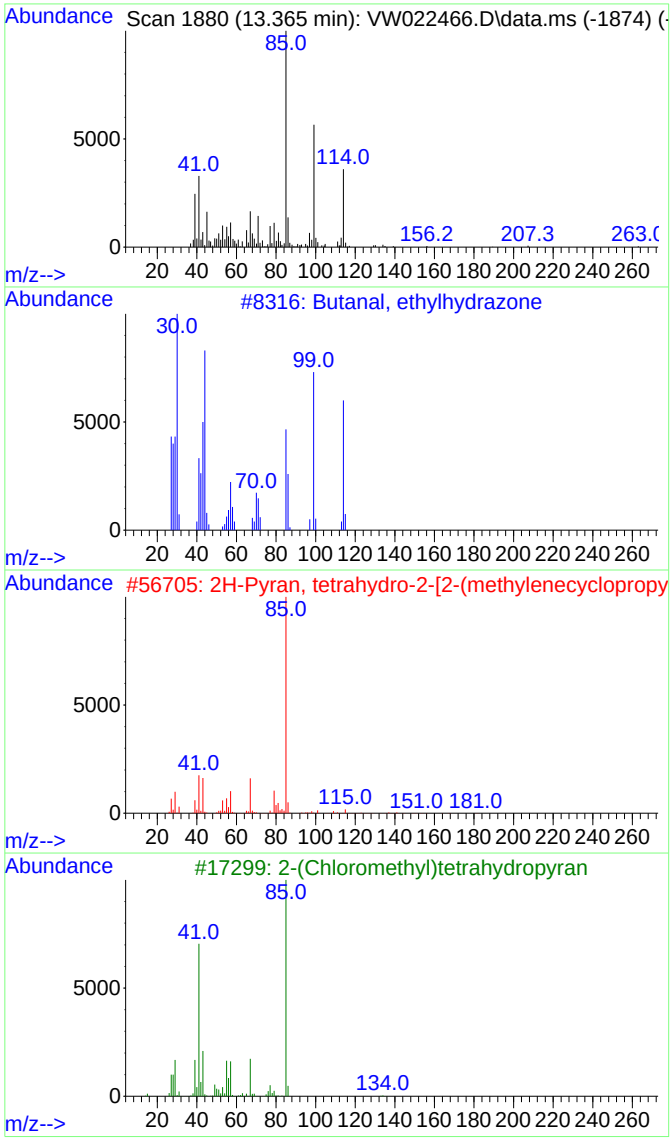
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

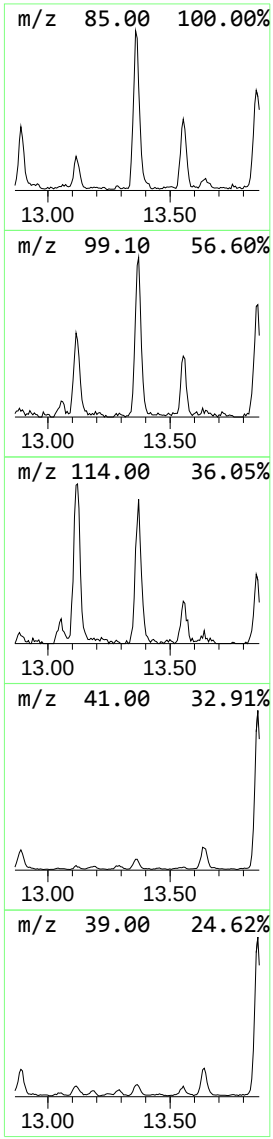
****

Peak Number 14 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.365	2.56 ug/L	139733	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal, ethylhydrazone	114	C6H14N2	051576-30-8	43
2	2H-Pyran, tetrahydro-2-[2-(methy...	182	C11H18O2	107616-98-8	38
3	2-(Chloromethyl)tetrahydropyran	134	C6H11ClO	018420-41-2	38
4	2-(Chloromethyl)tetrahydropyran	134	C6H11ClO	018420-41-2	38
5	2(3H)-Furanone, 5-hexyldihydro-	170	C10H18O2	000706-14-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022466.D
Acq On : 08 Apr 2022 16:07
Operator : SY/VA
Sample : N2293-14
Misc : 6.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

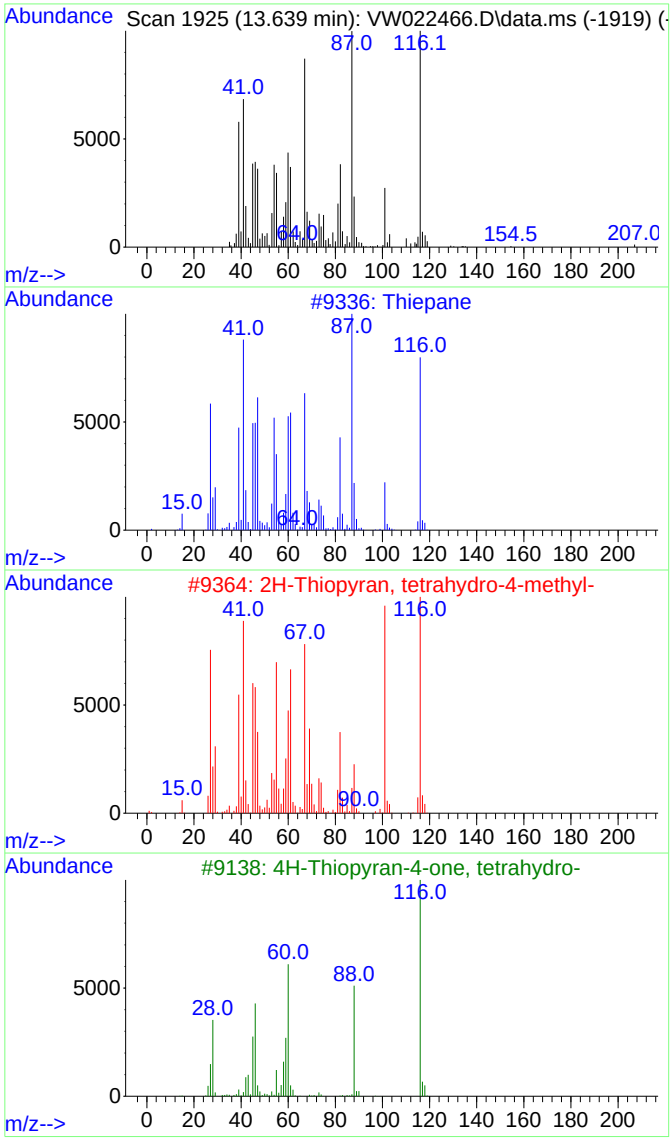
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

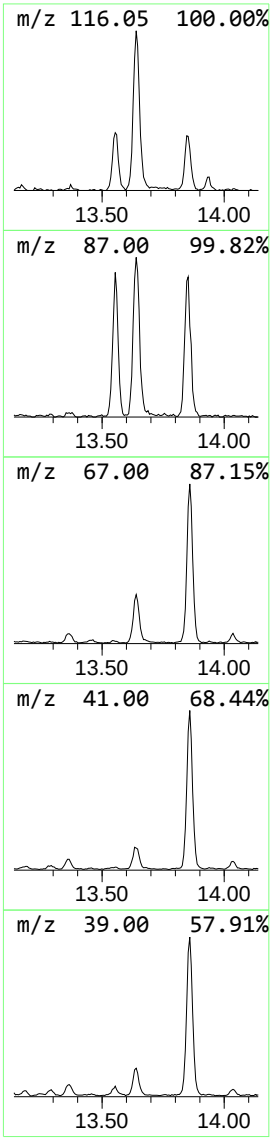
****

Peak Number 15 Thiepane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.639	5.21 ug/L	284210	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiepane	116	C6H12S	004753-80-4	91
2	2H-Thiopyran, tetrahydro-4-methyl-	116	C6H12S	005161-17-1	64
3	4H-Thiopyran-4-one, tetrahydro-	116	C5H8OS	001072-72-6	30
4	1-Propene, 1-(ethylthio)-2-methyl-	116	C6H12S	027482-14-0	30
5	4H-Thiopyran-4-one, tetrahydro-	116	C5H8OS	001072-72-6	25





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Data File : VW022466.D
Acq On : 08 Apr 2022 16:07
Operator : SY/VA
Sample : N2293-14
Misc : 6.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP2

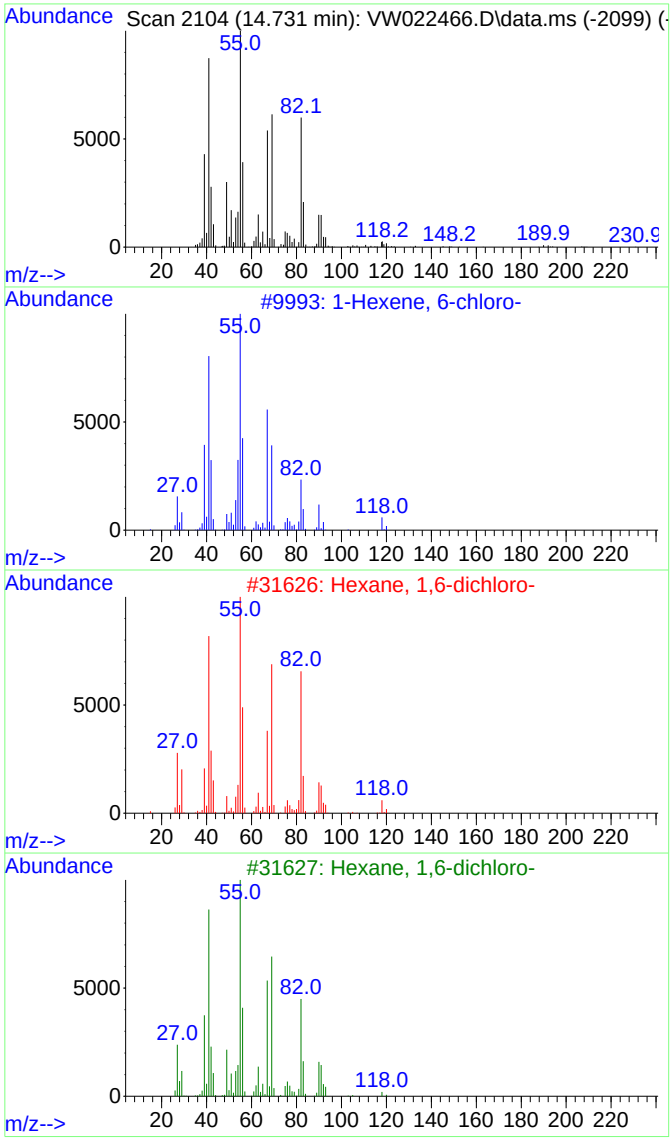
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

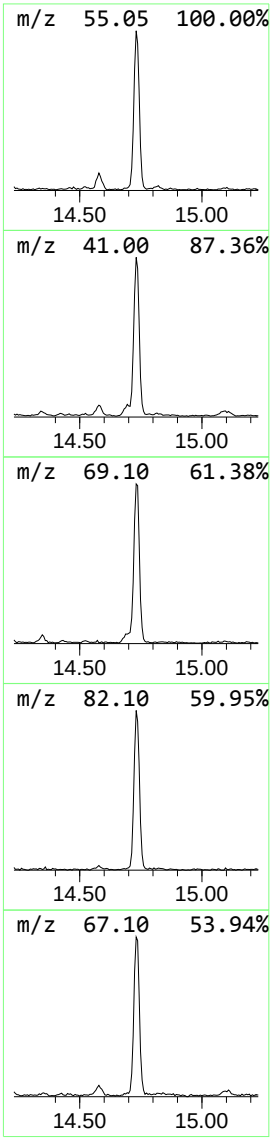
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1-Hexene, 6-chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.731	9.21 ug/L	501972	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 6-chloro-	118	C6H11Cl	000928-89-2	60
2	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	43
3	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	43
4	3-Hexyne	82	C6H10	000928-49-4	30
5	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022466.D
Acq On : 08 Apr 2022 16:07
Operator : SY/VA
Sample : N2293-14
Misc : 6.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP2

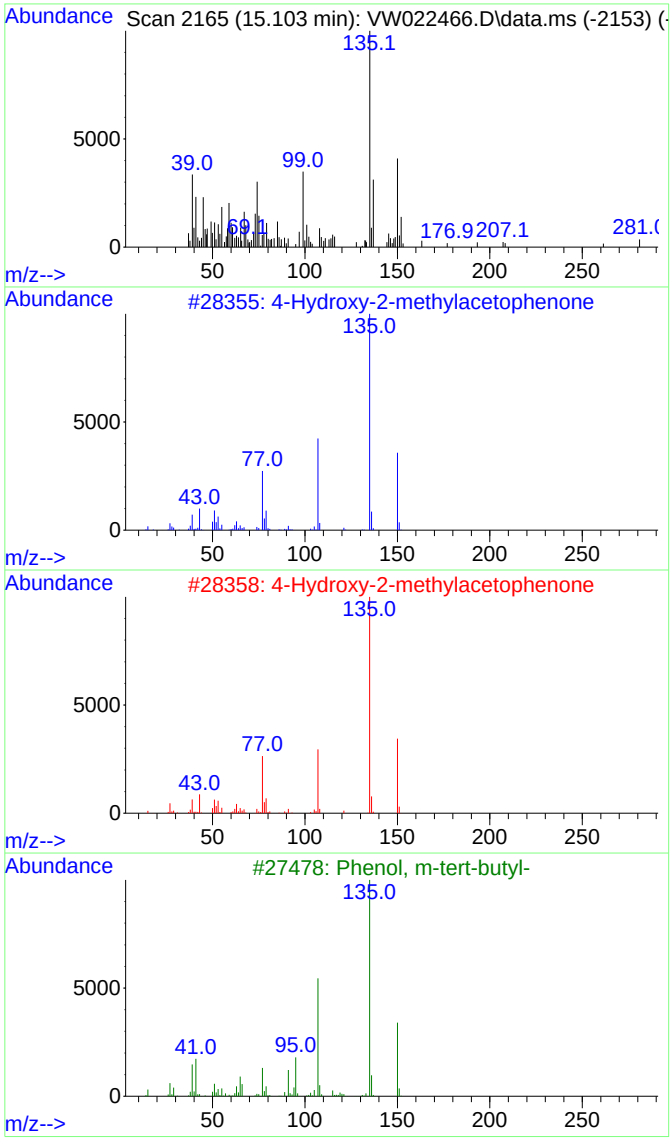
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

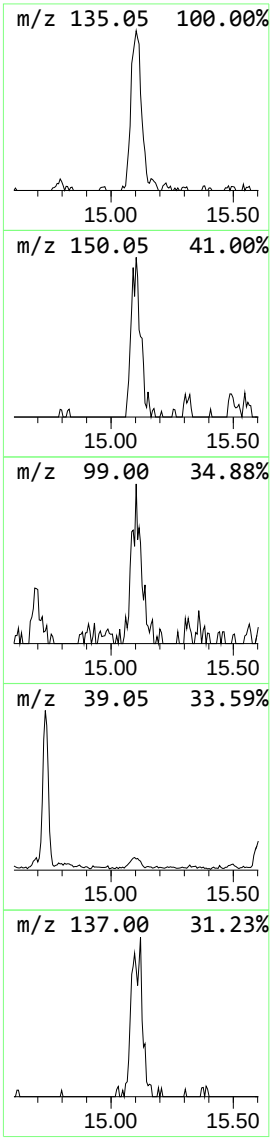
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4-Hydroxy-2-methylacetophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.102	1.71 ug/L	93359	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	55
2	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	49
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	46
4	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	46
5	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022466.D
Acq On : 08 Apr 2022 16:07
Operator : SY/VA
Sample : N2293-14
Misc : 6.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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

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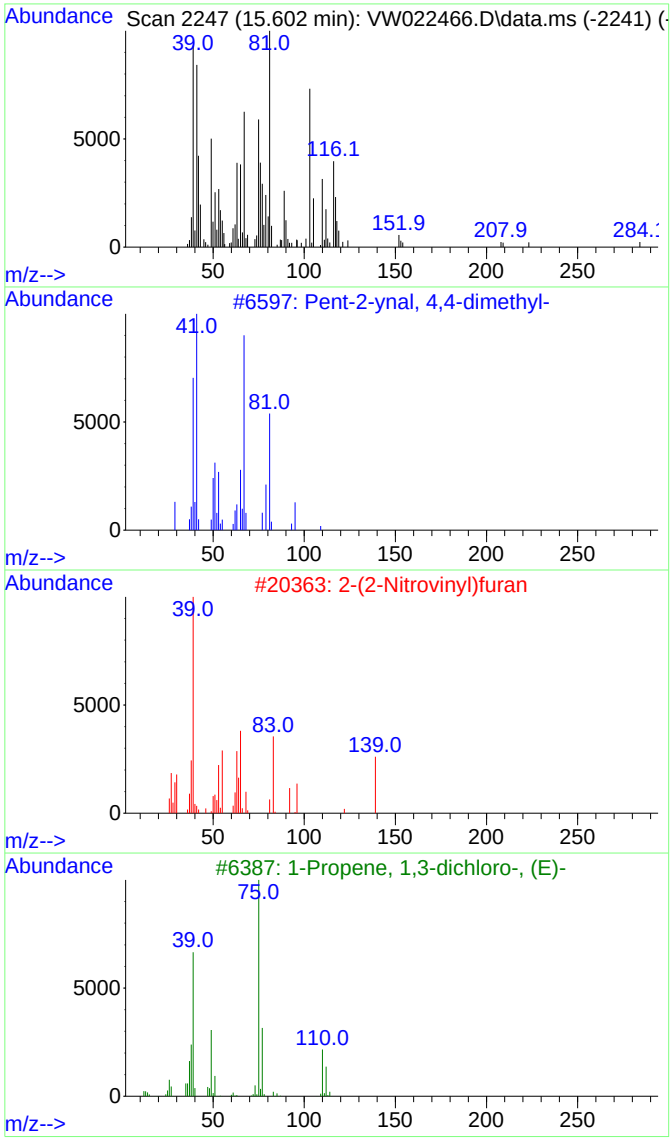
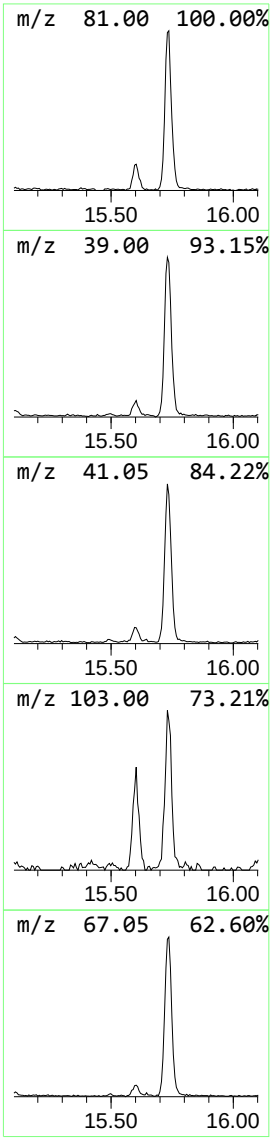
Peak Number 18 unknown-03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.602	1.27 ug/L	69195	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pent-2-ynal, 4,4-dimethyl-	110	C7H10O	002579-21-7	32
2	2-(2-Nitrovinyl)furan	139	C6H5NO3	000699-18-3	32
3	1-Propene, 1,3-dichloro-, (E)-	110	C3H4Cl2	010061-02-6	25
4	2-Hexyne, 4-methyl-	96	C7H12	020198-49-6	17
5	2-Hexen-4-yn-1-ol, (E)-	96	C6H8O	053497-80-6	17





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022466.D
Acq On : 08 Apr 2022 16:07
Operator : SY/VA
Sample : N2293-14
Misc : 6.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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

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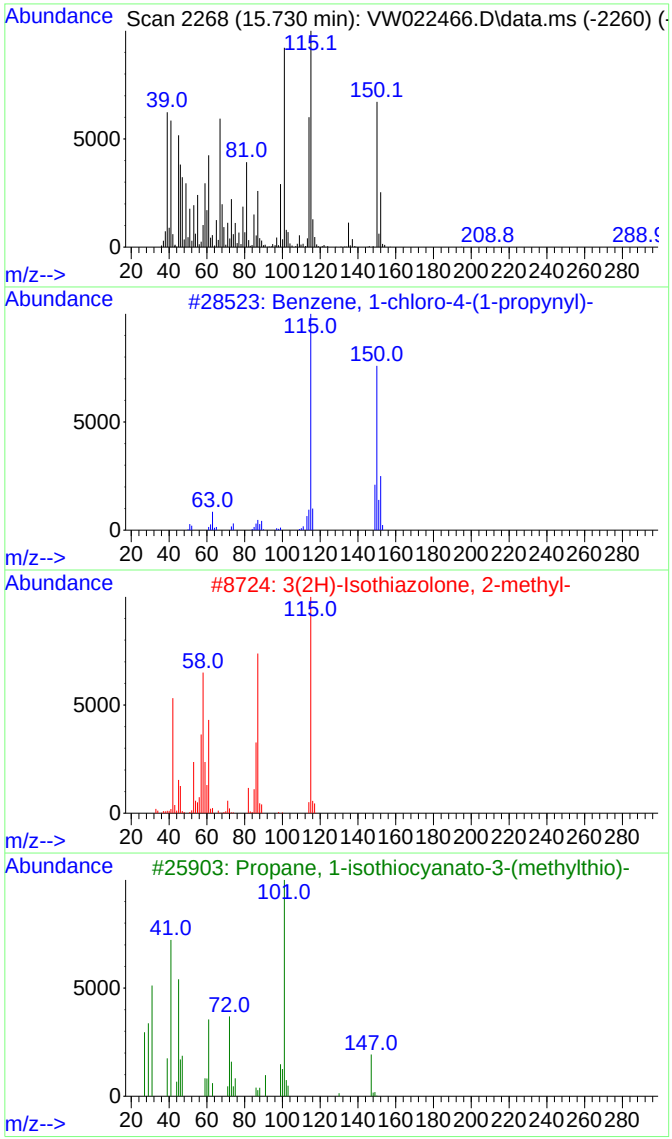
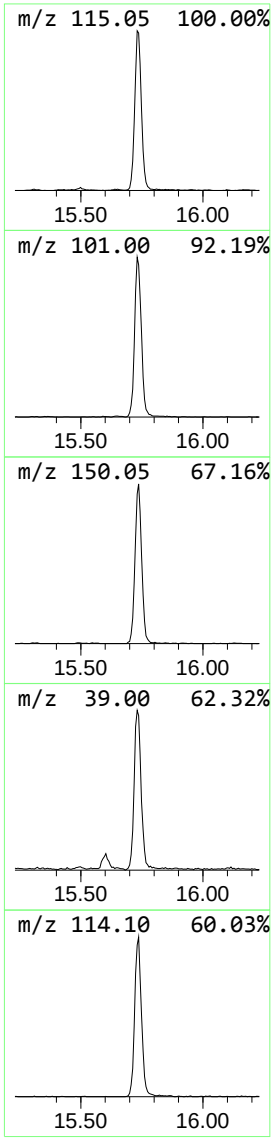
Peak Number 19 unknown-04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.730	24.07 ug/L	1311870	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-(1-propynyl)-	150	C9H7Cl	002809-65-6	38
2	3(2H)-Isothiazolone, 2-methyl-	115	C4H5NOS	002682-20-4	18
3	Propane, 1-isothiocyanato-3-(met...	147	C5H9NS2	000505-79-3	14
4	4-Methoxycarbonylbutyl-3-methoxy...	232	C11H20O5	017361-53-4	12
5	2-Pyrrolidinethione, 1-methyl-	115	C5H9NS	010441-57-3	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022466.D
Acq On : 08 Apr 2022 16:07
Operator : SY/VA
Sample : N2293-14
Misc : 6.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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

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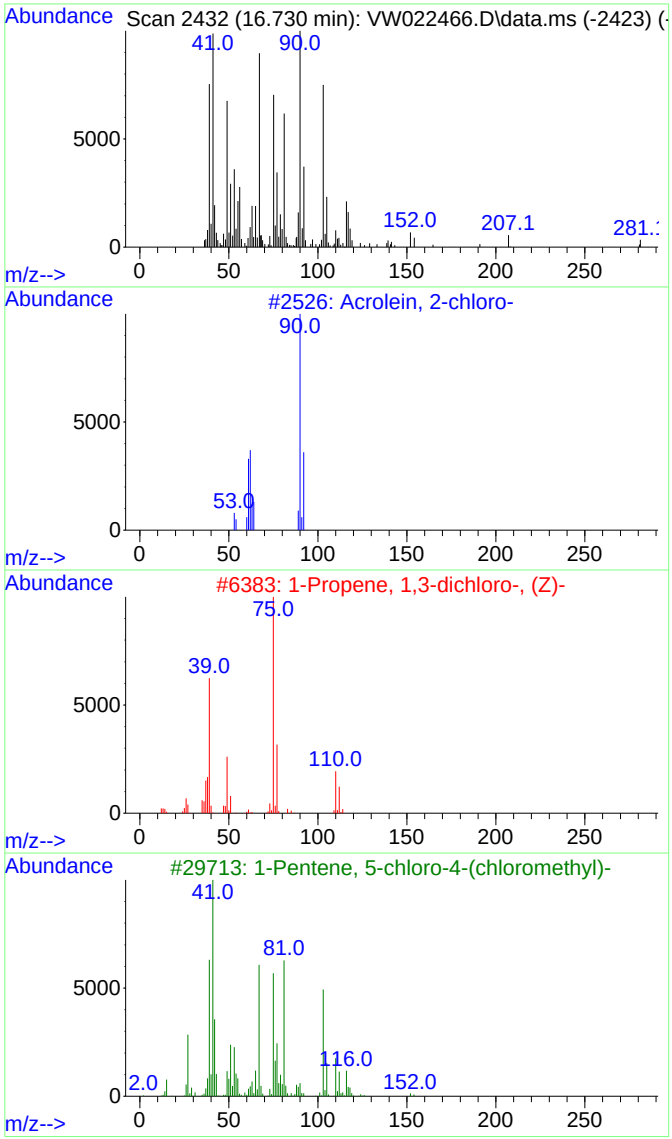
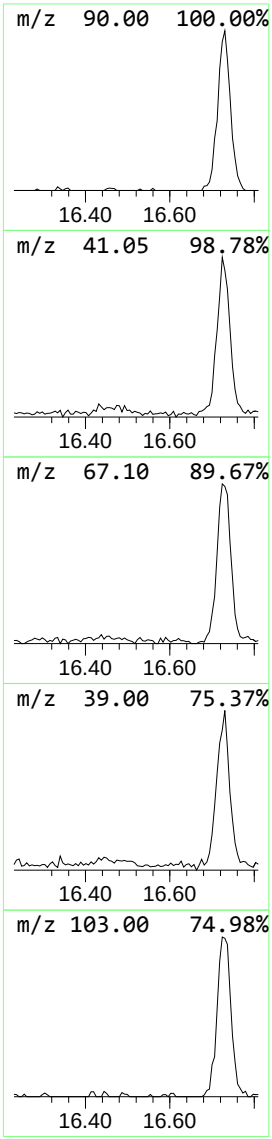
Peak Number 20 unknown-05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.730	3.26 ug/L	177780	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	38
2	1-Propene, 1,3-dichloro-, (Z)-	110	C3H4Cl2	010061-01-5	27
3	1-Pentene, 5-chloro-4-(chloromet...	152	C6H10Cl2	027990-74-5	25
4	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	22
5	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	004866-55-1	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
Data File : VW022466.D
Acq On : 08 Apr 2022 16:07
Operator : SY/VA
Sample : N2293-14
Misc : 6.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.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...	1.965	803.0	ug/L	30694200	1	8.841	955589	25.0
Dimethyl sulfide	4.208	3.4	ug/L	129582	1	8.841	955589	25.0
Methoxyacetyl c...	4.391	2.7	ug/L	102044	1	8.841	955589	25.0
1-Propene, 3-br...	5.190	5.9	ug/L	224604	1	8.841	955589	25.0
2-Ethyl-oxetane	5.940	1.5	ug/L	56093	1	8.841	955589	25.0
Oxalic acid, et...	7.921	2.7	ug/L	103780	1	8.841	955589	25.0
(DEL) Alkane: S...	8.159	1.5	ug/L	58890	1	8.841	955589	25.0
Furan, tetrahyd...	9.049	2.6	ug/L	99242	1	8.841	955589	25.0
2H-Pyran, tetra...	9.963	34.8	ug/L	1329160	1	8.841	955589	25.0
Benzene, bromo-	12.743	1.9	ug/L	103949	3	13.560	1362680	25.0
Thiophene, 2-et...	12.890	7.0	ug/L	384200	3	13.560	1362680	25.0
unknown-01	13.115	1.7	ug/L	92302	3	13.560	1362680	25.0
unknown-02	13.365	2.6	ug/L	139733	3	13.560	1362680	25.0
Thiepane	13.639	5.2	ug/L	284210	3	13.560	1362680	25.0
1-Hexene, 6-chl...	14.731	9.2	ug/L	501972	3	13.560	1362680	25.0
4-Hydroxy-2-met...	15.102	1.7	ug/L	93359	3	13.560	1362680	25.0
unknown-03	15.602	1.3	ug/L	69195	3	13.560	1362680	25.0
unknown-04	15.730	24.1	ug/L	1311870	3	13.560	1362680	25.0
unknown-05	16.730	3.3	ug/L	177780	3	13.560	1362680	25.0