LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

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_U\Method\SFAMULM042522WMA.M
Title : VOC Analysis

Signal : TIC: VU048322.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.433	25	29	36	rVB	171058	166378	0.17%	0.048%
2	1.475	37	42	61	rVB5	69020	129489	0.13%	0.037%
3	1.594	70	79	95	rVB2	278039	533071	0.53%	0.154%
4	1.896	165	173	194	rVB	140927	205432	0.20%	0.059%
5	2.404	325	331	342	rVB	78482	123082	0.12%	0.035%
6	2.475	342	353	359	rBV2	88378	173610	0.17%	0.050%
7	2.562	371	380	388	rVV	368480	604565	0.60%	0.174%
8	2.620	388	398	409	rVV	2169578	3712885	3.69%	1.069%
9	2.681	409	417	429	rVV	546480	1030577	1.02%	0.297%
10	2.771	429	445	472	rVV	727769	1938052	1.93%	0.558%
11	3.012	510	520	533	rVV	87159	198096	0.20%	0.057%
12	3.134	545	558	574	rVV	1495931	3072477	3.06%	0.885%
13	3.231	576	588	606	rVB2	442957	922064	0.92%	0.266%
14	3.443	641	654	676	rVB	112527	235184	0.23%	0.068%
15	3.697	720	733	760	rVB2	63029	144783	0.14%	0.042%
16	3.867	760	786	809	rBV3	61897	193112	0.19%	0.056%
17	4.562	976	1002	1010	rBV6	171509	537820	0.53%	0.155%
18	4.632	1011	1024	1035	rVV2	479307	1319928	1.31%	0.380%
19	4.697	1035	1044	1072	rVB	361700	844377	0.84%	0.243%
20	4.989	1121	1135	1145	rBV	137679	324824	0.32%	0.094%
21	5.060	1145	1157	1174	rVB	347545	786648	0.78%	0.227%
22	5.385	1245	1258	1274	rVB2	104815	248818	0.25%	0.072%
23	5.777	1343	1380	1409	rBV2	33462139	71620257	71.23%	20.626%
24	6.018	1449	1455	1474	rVB	77522	152137	0.15%	0.044%
25	6.150	1485	1496	1514	rVV2	73746	169751	0.17%	0.049%
26	6.250	1514	1527	1551	rVB	477312	920287	0.92%	0.265%
27	6.510	1587	1608	1621	rBV2	692218	1497663	1.49%	0.431%
28	6.690	1652	1664	1674	rVV	414919	780906	0.78%	0.225%
29	6.771	1674	1689	1707	rVB3	1140589	2581190	2.57%	0.743%
30	6.922	1725	1736	1745	rBV	72898	131149	0.13%	0.038%
31	6.996	1745	1759	1776	rVB	846054	1610408	1.60%	0.464%
32	7.115	1785	1796	1808	rBV2	66540	143237	0.14%	0.041%
33	7.340	1858	1866	1878	rVB	136713	239687	0.24%	0.069%
34	7.491	1897	1913	1928	rBV	10627582	18903049	18.80%	5.444%
35	7.568	1928	1937	1954	rVB	287896	538196	0.54%	0.155%
36	7.655	1955	1964	1983	rVB3	76554	178415	0.18%	0.051%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

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_U\Method\SFAMULM042522WMA.M
Title : VOC Analysis

37	7.796	1998	2008	2026	rVB3	159158	426474	0.42%	0.123%
38	7.899	2027	2040	2050	rBV	1026116	1804747	1.79%	0.520%
39	7.976	2050	2064	2078	rVV2	15889621	31095873	30.93%	8.955%
40	8.054	2079	2088	2099	rVB3	435091	861634	0.86%	0.248%
41	8.179	2116	2127	2137	rVV	209870	344691	0.34%	0.099%
42	8.356	2163	2182	2212	rBV	6371524	10977065	10.92%	3.161%
43	8.578	2234	2251	2261	rVV	4281902	7659630	7.62%	2.206%
44	8.632	2261	2268	2278	rVV	825365	1414853	1.41%	0.407%
45	8.687	2278	2285	2296	rVV	327363	536612	0.53%	0.155%
46	8.777	2297	2313	2335	rVB3	737856	1484874	1.48%	0.428%
47	8.906	2340	2353	2372	rVB3	106575	281126	0.28%	0.081%
48	9.015	2373	2387	2409	rBV	2571209	4403231	4.38%	1.268%
49	9.169	2423	2435	2449	rVB	228566	418309	0.42%	0.120%
50	9.243	2449	2458	2477	rVB3	76332	153314	0.15%	0.044%
51	9.369	2478	2497	2504	rBV	366427	569380	0.57%	0.164%
52	9.455	2504	2524	2546	rVV3	56071346	100552166	100.00%	28.958%
53	9.571	2547	2560	2571	rVV	565244	1185610	1.18%	0.341%
54	9.655	2571	2586	2592	rVV3	436811	915857	0.91%	0.264%
55	9.693	2592	2598	2616	rVB	666139	1096298	1.09%	0.316%
56	9.822	2629	2638	2647	rBV	191784	324062	0.32%	0.093%
57	9.941	2661	2675	2688	rVB5	69698	180979	0.18%	0.052%
58	10.098	2713	2724	2748	rVB	450022	798175	0.79%	0.230%
59	10.224	2751	2763	2777	rBV5	88492	229906	0.23%	0.066%
60	10.484	2831	2844	2857	rVB3	85597	175901	0.17%	0.051%
61	10.648	2883	2895	2907	rBV	1338315	2217843	2.21%	0.639%
62	10.758	2916	2929	2948	rBV2	756402	1796652	1.79%	0.517%
63	10.851	2949	2958	2967	rBV	156574	237377	0.24%	0.068%
64	10.928	2967	2982	2987	rVV4	146425	324548	0.32%	0.093%
65	10.979	2987	2998	3017	rVV2	1561249	3356266	3.34%	0.967%
66	11.098	3018	3035	3056	rVB	1022333	1800758	1.79%	0.519%
67	11.192	3056	3064	3072	rBV3	77692	117810	0.12%	0.034%
68	11.250	3072	3082	3090	rBV	450649	779938	0.78%	0.225%
69	11.288	3090	3094	3104	rVB	183545	263245	0.26%	0.076%
70	11.372	3112	3120	3138	rVB	243326	447805	0.45%	0.129%
71	11.468	3139	3150	3155	rBV	222918	345671	0.34%	0.100%
72	11.507	3155	3162	3176	rVB2	390669	631201	0.63%	0.182%
73	11.584	3176	3186	3198	rBV2	533851	917770	0.91%	0.264%
74	11.748	3221	3237	3246	rBV	376455	673876	0.67%	0.194%
75	11.812	3247	3257	3269	rVV2	937653	1652394	1.64%	0.476%
76	11.880	3269	3278	3293	rVV2	1310055	2380986	2.37%	0.686%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

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_U\Method\SFAMULM042522WMA.M
Title : VOC Analysis

77	11.950	3294	3300	3313	rVB2	108563	178003	0.18%	0.051%
78	12.208	3365	3380	3395	rVB2	6642093	11373846	11.31%	3.276%
79	12.391	3422	3437	3449	rVB4	82035	232316	0.23%	0.067%
80	12.468	3450	3461	3482	rVV3	131884	300489	0.30%	0.087%
81	12.571	3485	3493	3501	rVV	75381	121486	0.12%	0.035%
82	12.684	3518	3528	3548	rVB3	186457	503664	0.50%	0.145%
83	12.967	3602	3616	3626	rBV3	198149	421686	0.42%	0.121%
84	13.024	3626	3634	3646	rVB	94272	150658	0.15%	0.043%
85	13.150	3666	3673	3684	rVB3	84647	141059	0.14%	0.041%
86	13.375	3723	3743	3754	rBV	1603418	2514868	2.50%	0.724%
87	13.449	3758	3766	3781	rVV4	175926	312757	0.31%	0.090%
88	13.622	3812	3820	3832	rVB2	83007	134965	0.13%	0.039%
89	13.738	3845	3856	3861	rBV	168169	285063	0.28%	0.082%
90	13.777	3861	3868	3872	rBV	203330	287443	0.29%	0.083%
91	14.085	3957	3964	3980	rVB	146754	245658	0.24%	0.071%
92	14.211	3988	4003	4014	rVB6	56240	136344	0.14%	0.039%
93	14.429	4060	4071	4079	rBV	376179	589745	0.59%	0.170%
94	14.494	4079	4091	4114	rVB	10209515	16193942	16.11%	4.664%
95	14.963	4223	4237	4247	rBV6	86261	188981	0.19%	0.054%
96	15.410	4365	4376	4387	rBV	233075	378327	0.38%	0.109%
97	15.545	4404	4418	4451	rBV	5875211	8906158	8.86%	2.565%
98	15.892	4511	4526	4538	rVV5	45729	136367	0.14%	0.039%
99	16.092	4576	4588	4603	rBV	288641	455072	0.45%	0.131%
100	16.388	4663	4680	4689	rBV	176769	297108	0.30%	0.086%

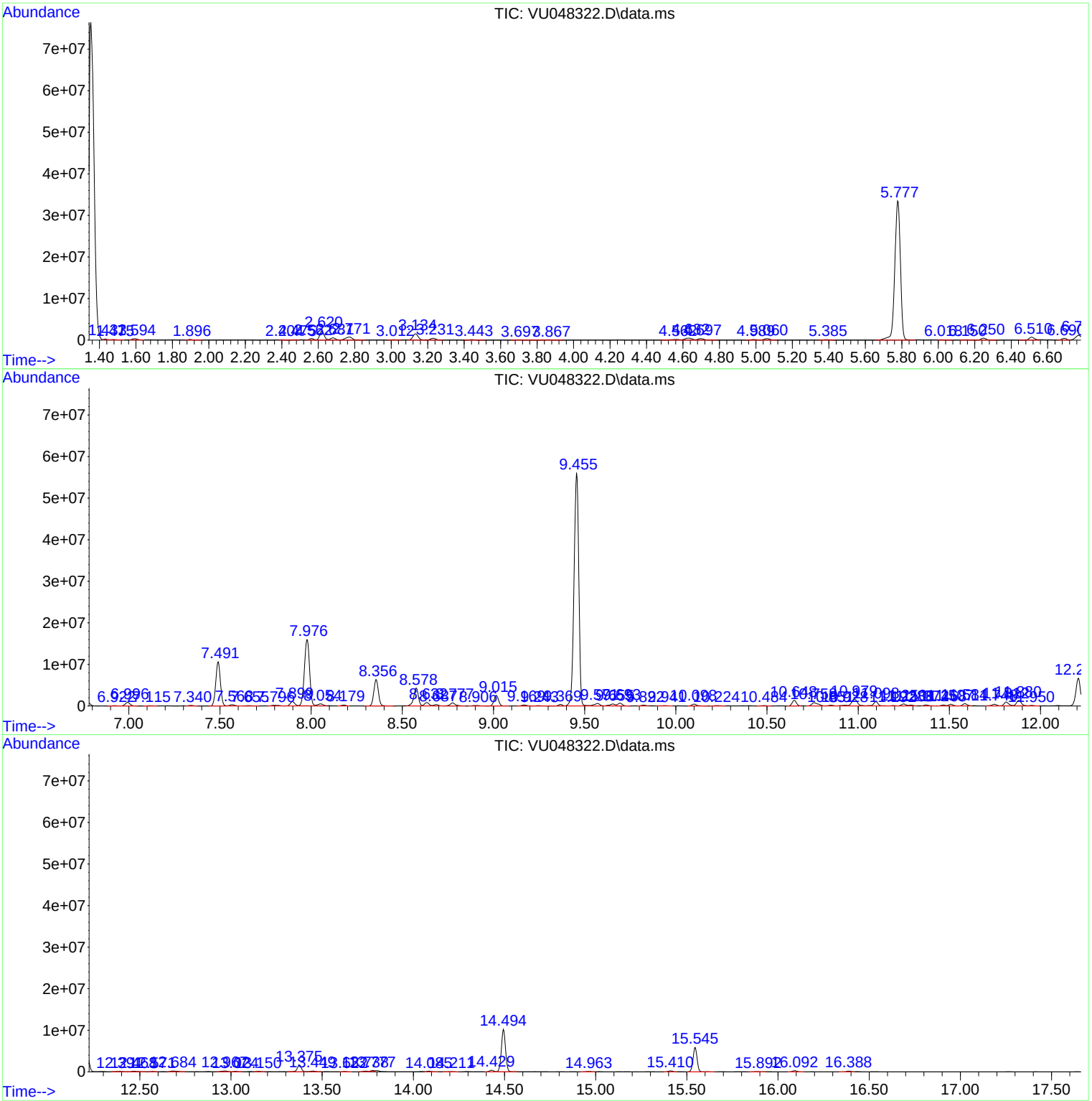
Sum of corrected areas: 347232516

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

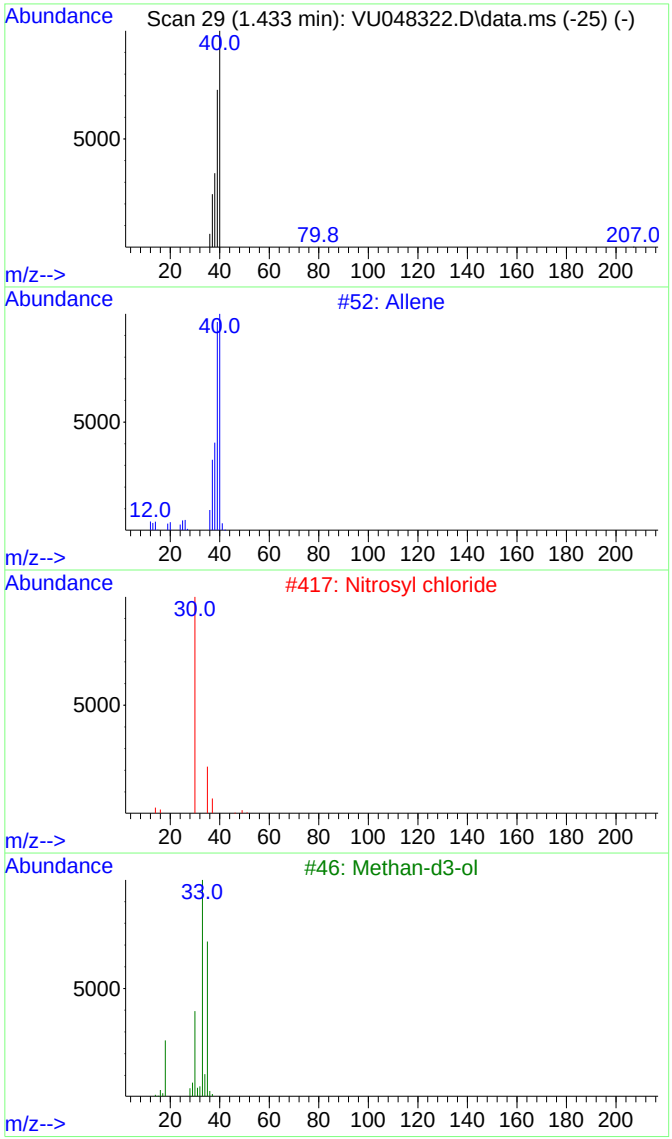
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

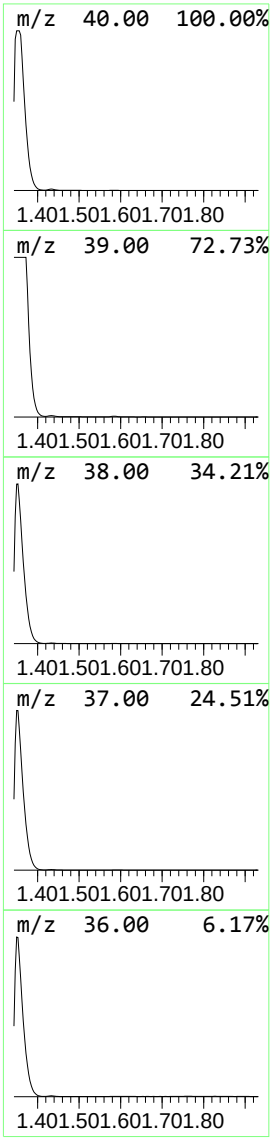
****

Peak Number 1 Allene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.433	9.04 ug/L	166378	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allene	40	C3H4	000463-49-0	83
2	Nitrosyl chloride	65	ClNO	002696-92-6	1
3	Methan-d3-ol	35	CHD3O	001849-29-2	1
4	Methanol-D4	36	CD4O	000811-98-3	1
5	2-Chloroethylamine	79	C2H6ClN	000689-98-5	1





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

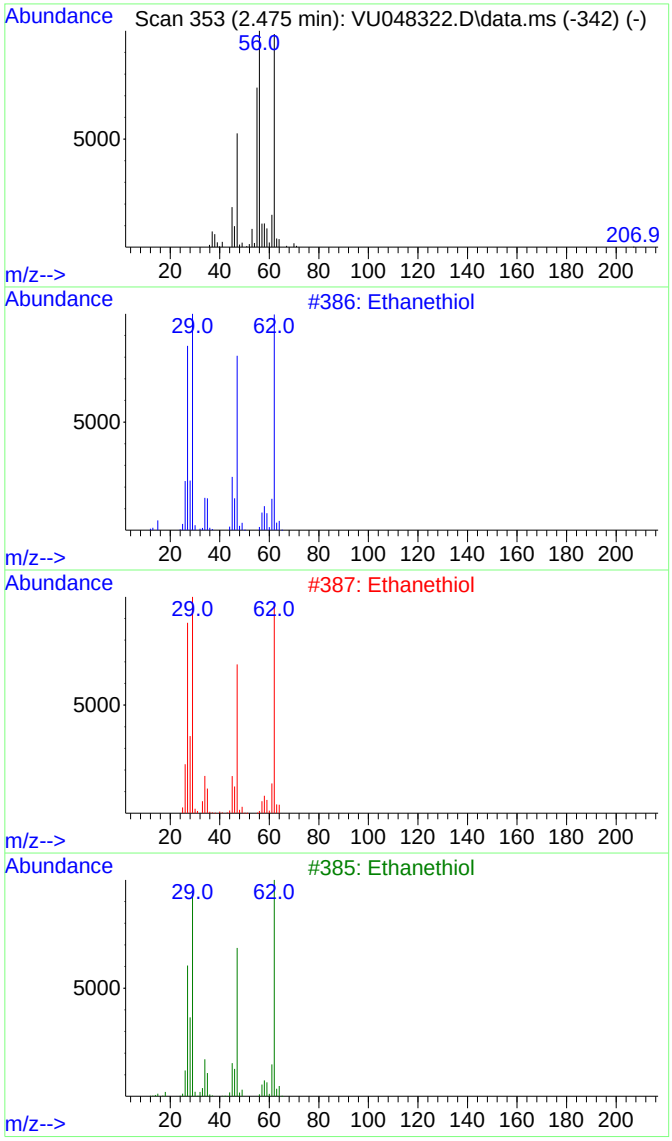
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

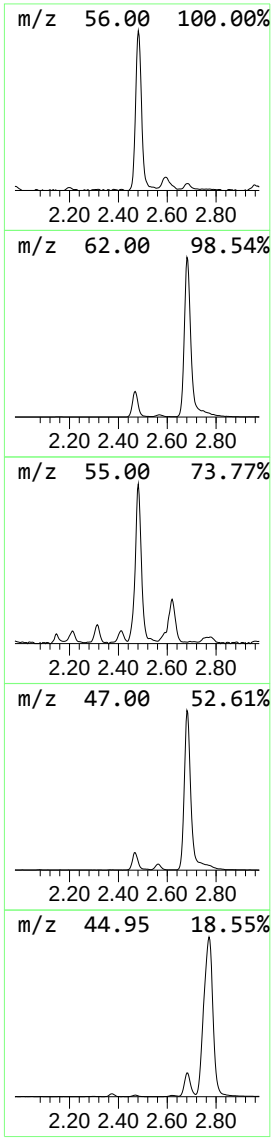
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanethiol Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.475	9.43 ug/L	173610	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanethiol	62	C2H6S	000075-08-1	76
2	Ethanethiol	62	C2H6S	000075-08-1	76
3	Ethanethiol	62	C2H6S	000075-08-1	76
4	Ethanethiol	62	C2H6S	000075-08-1	64
5	Ethanethiol	62	C2H6S	000075-08-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

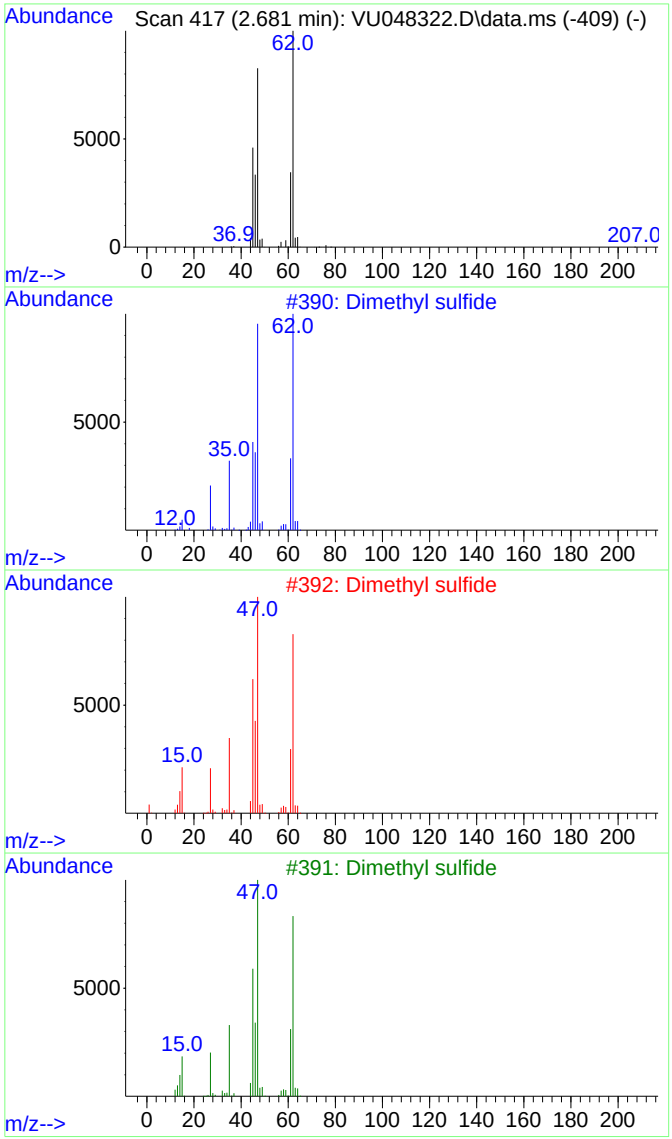
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

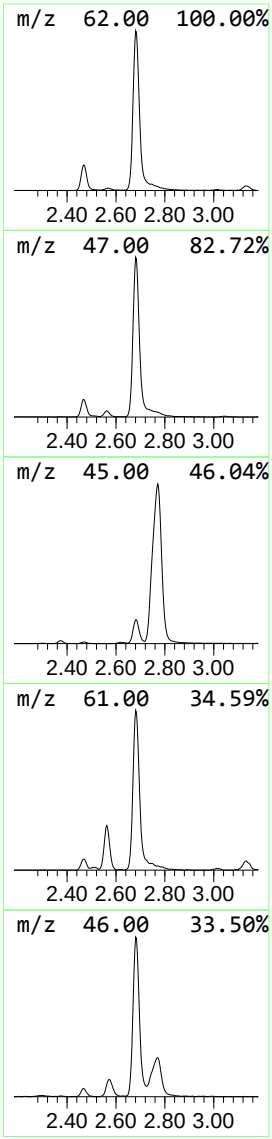
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dimethyl sulfide Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.681	55.99 ug/L	1030580	1,4-Difluorobenzene	6.250

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	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

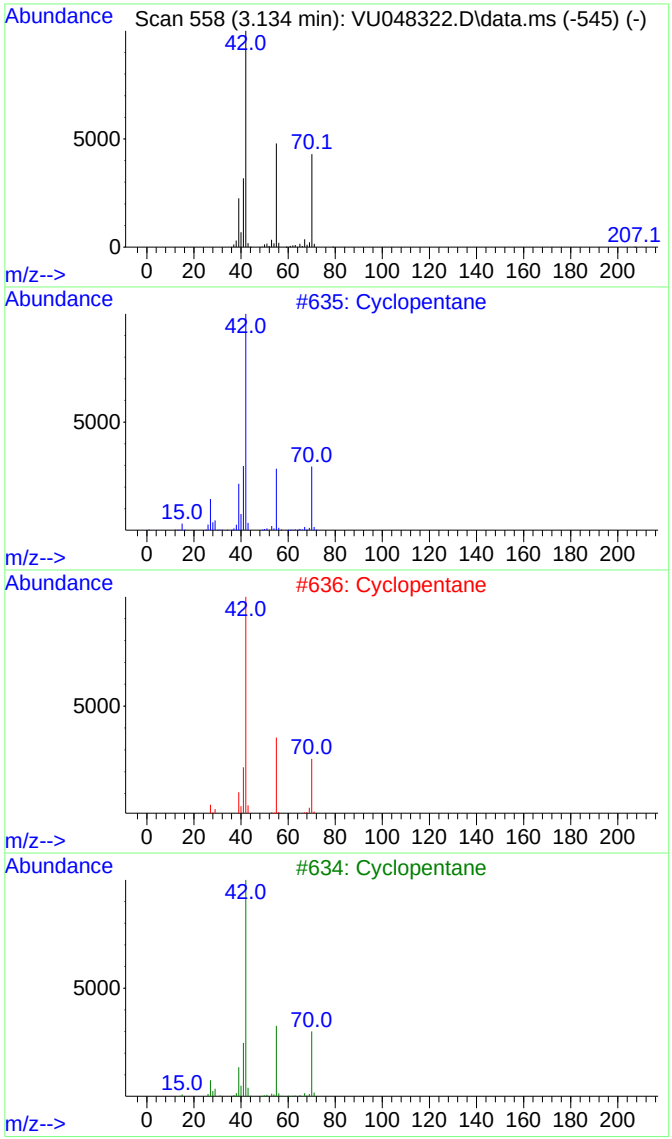
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

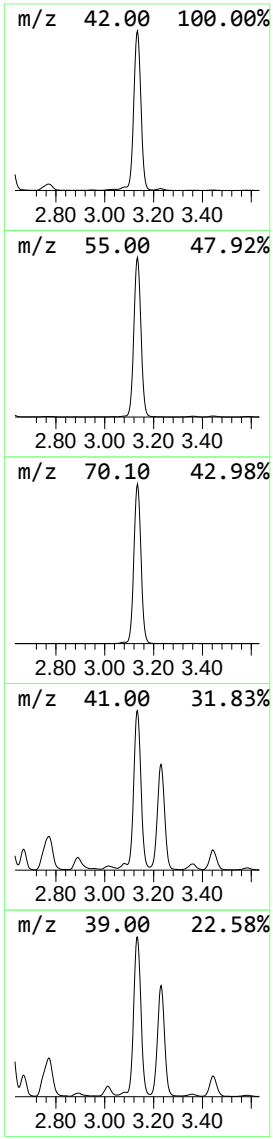
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic3.134 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.134	166.93 ug/L	3072480	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	80
2	Cyclopentane	70	C5H10	000287-92-3	78
3	Cyclopentane	70	C5H10	000287-92-3	78
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	78
5	1-Pentene	70	C5H10	000109-67-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

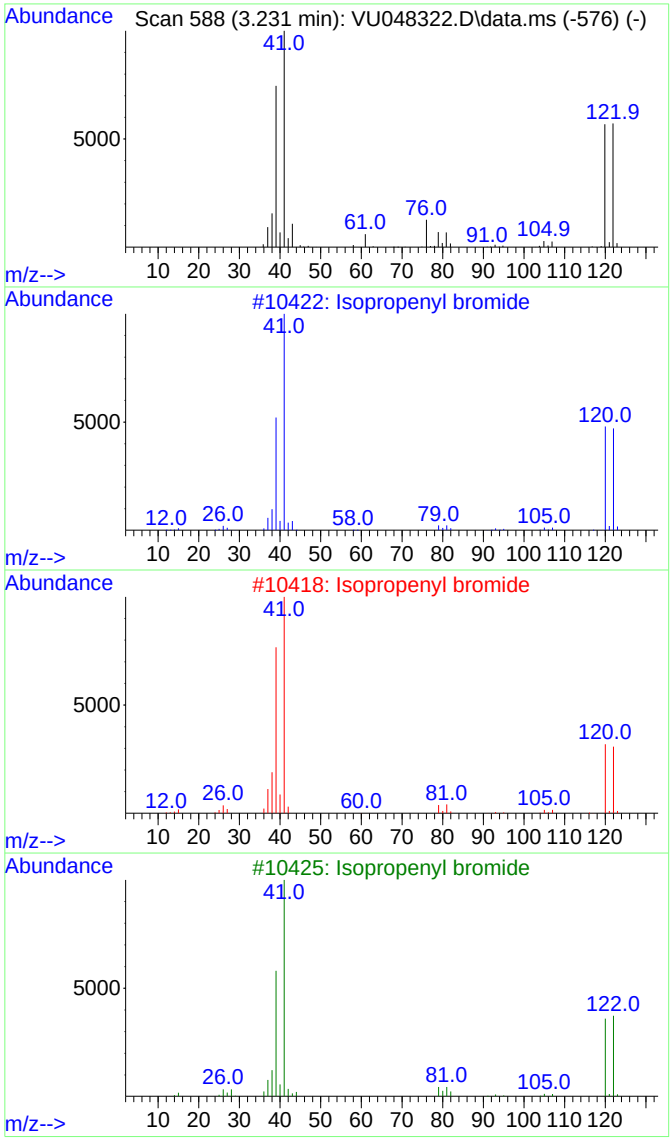
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

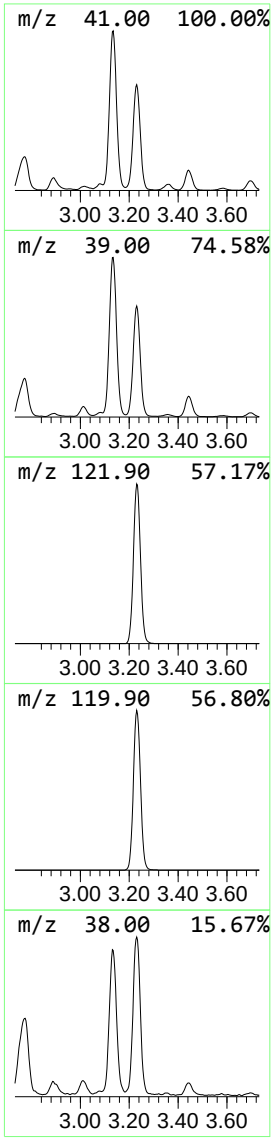
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Isopropenyl bromide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.231	50.10 ug/L	922064	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropenyl bromide	120	C3H5Br	000557-93-7	91
2	Isopropenyl bromide	120	C3H5Br	000557-93-7	91
3	Isopropenyl bromide	120	C3H5Br	000557-93-7	90
4	Cyclopropyl bromide	120	C3H5Br	004333-56-6	90
5	1-Propene, 3-bromo-	120	C3H5Br	000106-95-6	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

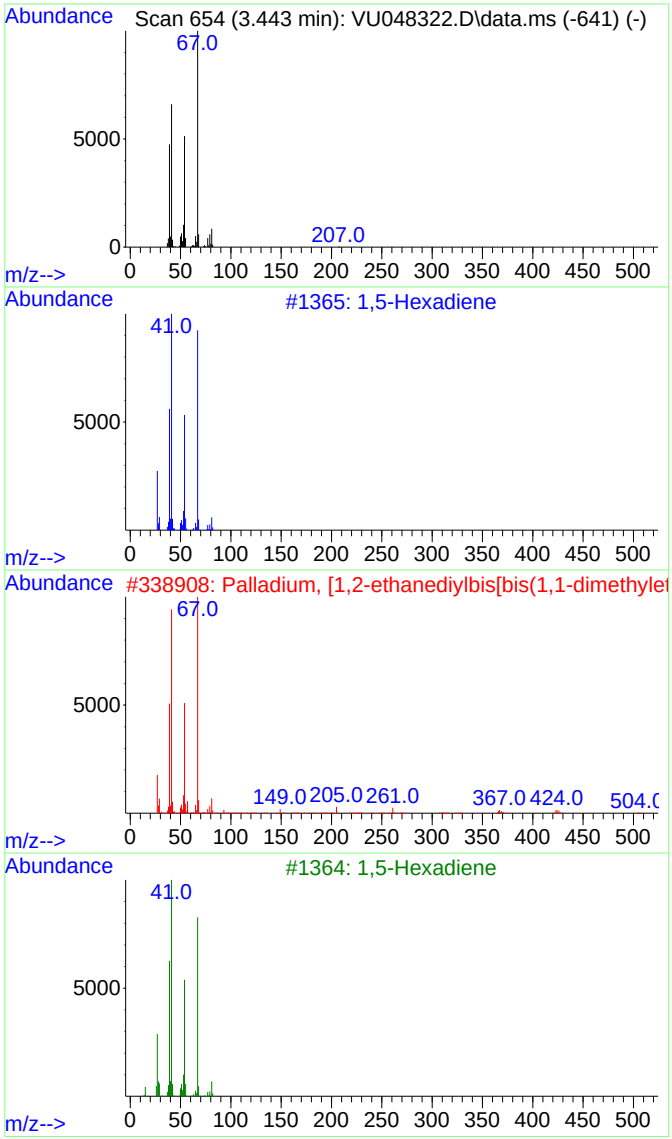
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

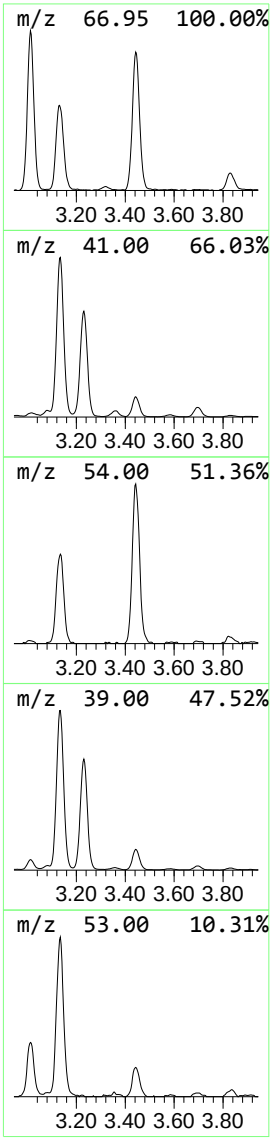
****

Peak Number 8 1,5-Hexadiene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.443	12.78 ug/L	235184	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Hexadiene	82	C6H10	000592-42-7	87
2	Palladium, [1,2-ethanediylbis[bi...	506	C24H50P2Pd	138234-16-9	78
3	1,5-Hexadiene	82	C6H10	000592-42-7	76
4	1,5-Hexadiene	82	C6H10	000592-42-7	64
5	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

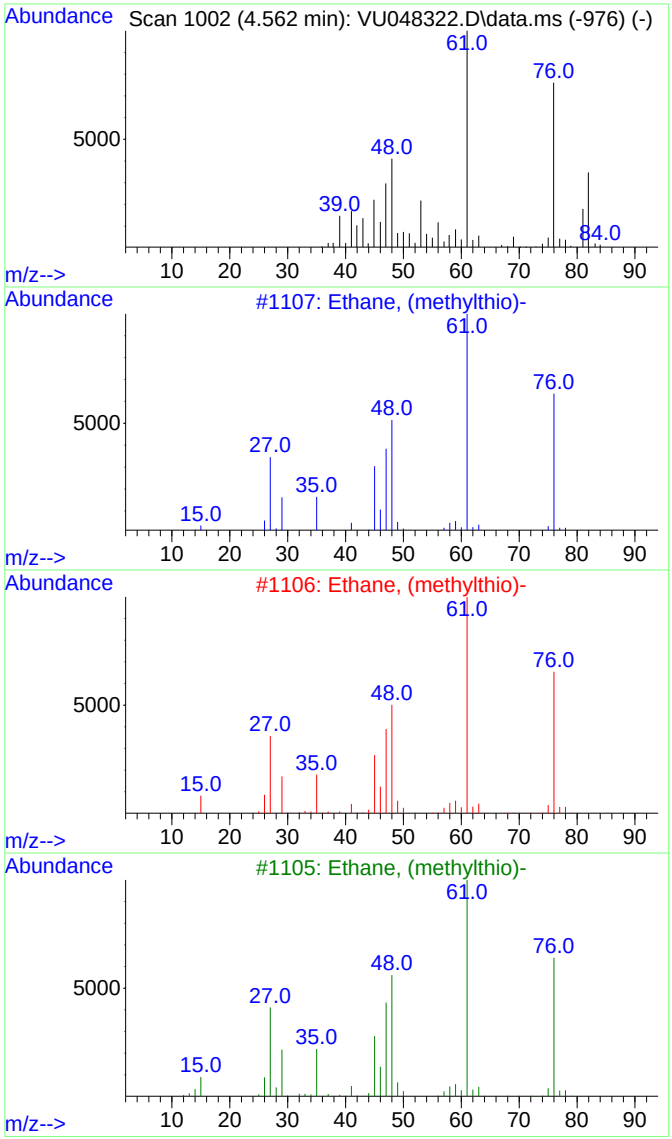
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

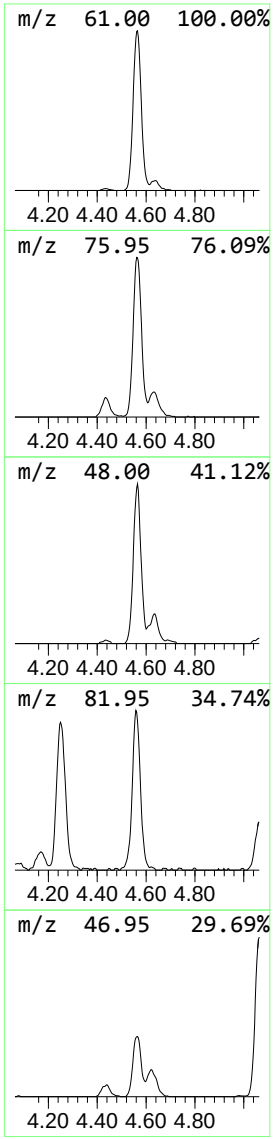
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Ethane, (methylthio)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.562	29.22 ug/L	537820	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, (methylthio)-	76	C3H8S	000624-89-5	90
2	Ethane, (methylthio)-	76	C3H8S	000624-89-5	90
3	Ethane, (methylthio)-	76	C3H8S	000624-89-5	90
4	Ethane, (methylthio)-	76	C3H8S	000624-89-5	87
5	Trimethylphosphine	76	C3H9P	000594-09-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

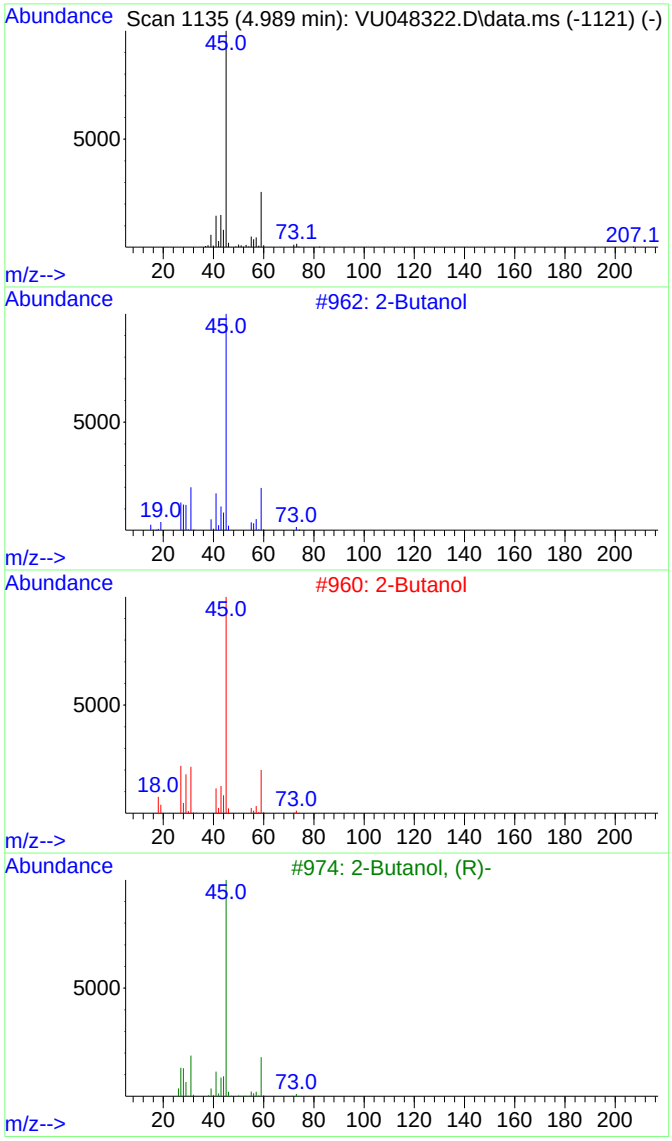
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

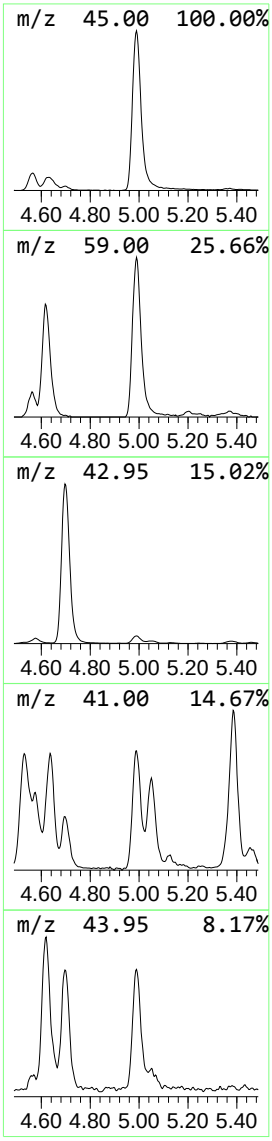
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2-Butanol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.989	17.65 ug/L	324824	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol	74	C4H10O	000078-92-2	83
2	2-Butanol	74	C4H10O	000078-92-2	83
3	2-Butanol, (R)-	74	C4H10O	014898-79-4	74
4	2-Butanol	74	C4H10O	000078-92-2	72
5	2-Butanol, (R)-	74	C4H10O	014898-79-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

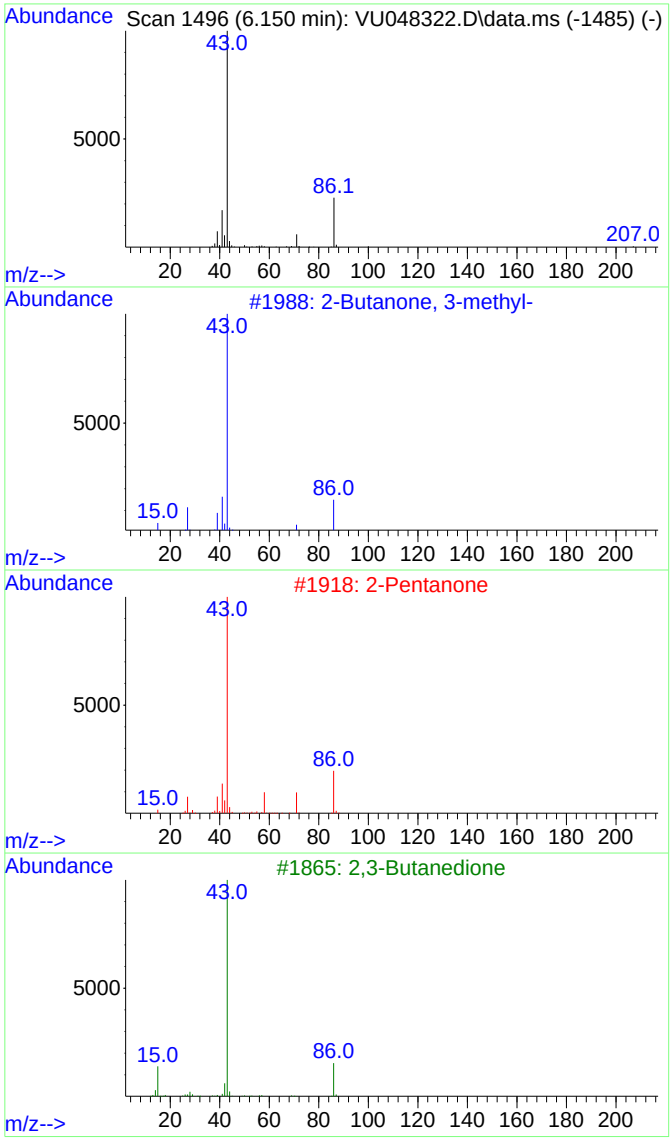
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

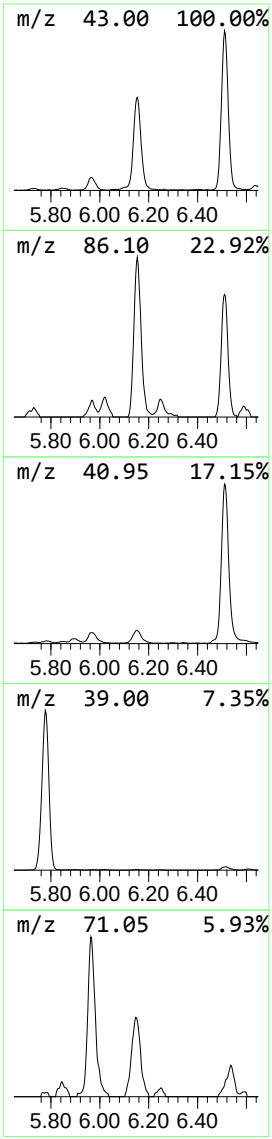
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2-Butanone, 3-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.150	9.22 ug/L	169751	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	59
2	2-Pentanone	86	C5H10O	000107-87-9	59
3	2,3-Butanedione	86	C4H6O2	000431-03-8	58
4	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	53
5	2-Pentanone	86	C5H10O	000107-87-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

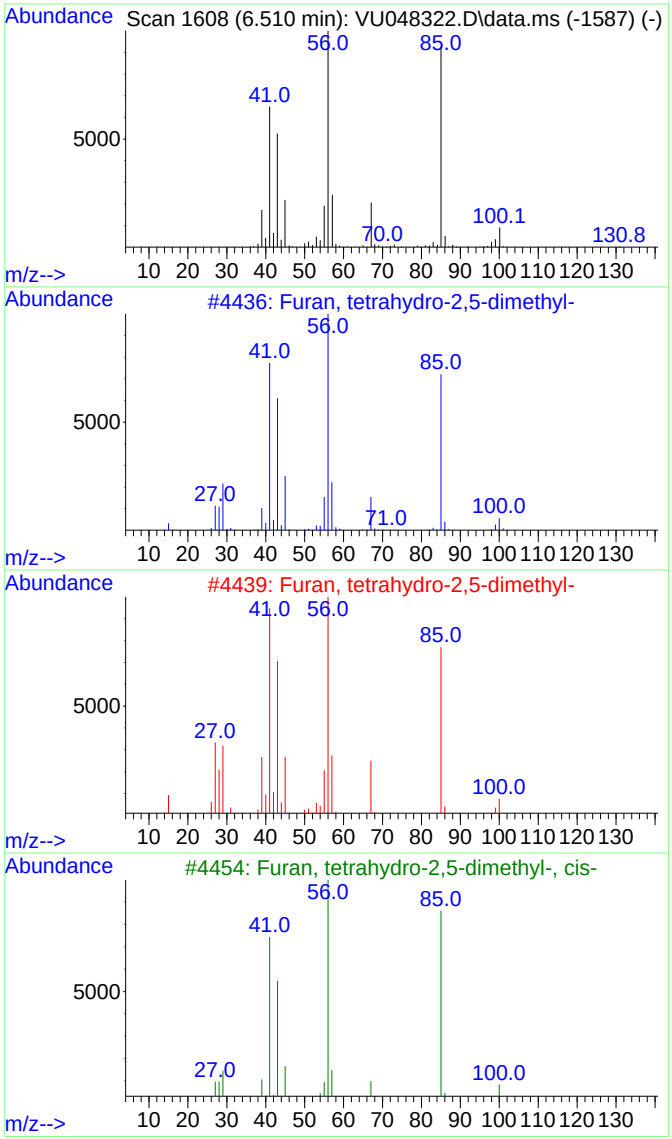
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

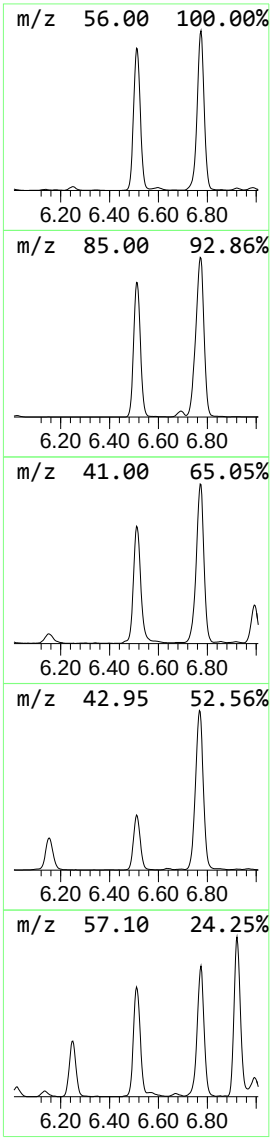
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Furan, tetrahydro-2,5-dimet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.510	81.37 ug/L	1497660	1,4-Difluorobenzene	6.250

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	001003-38-9	91
3	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	002144-41-4	87
4	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	76
5	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

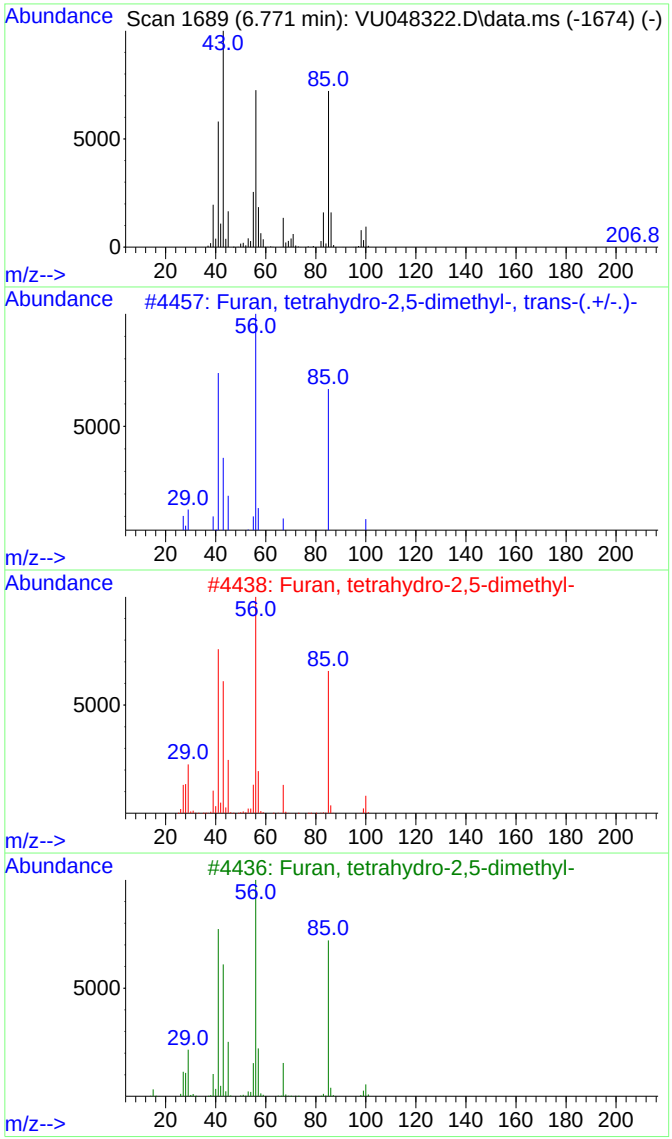
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

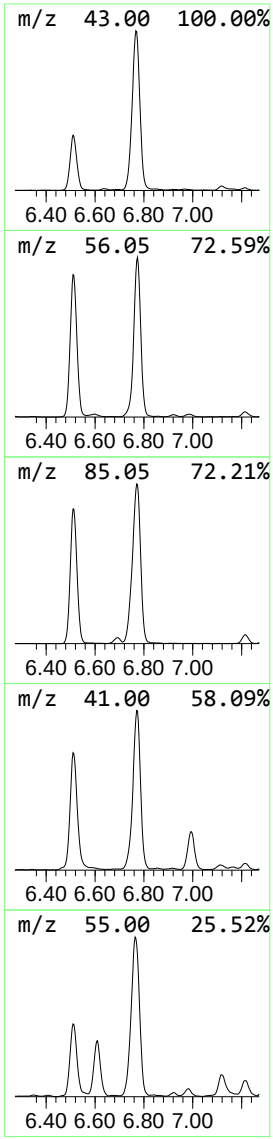
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Furan, tetrahydro-2,5-dimet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.771	140.24 ug/L	2581190	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	038484-59-2	72
2	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	72
3	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	72
4	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	002144-41-4	64
5	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

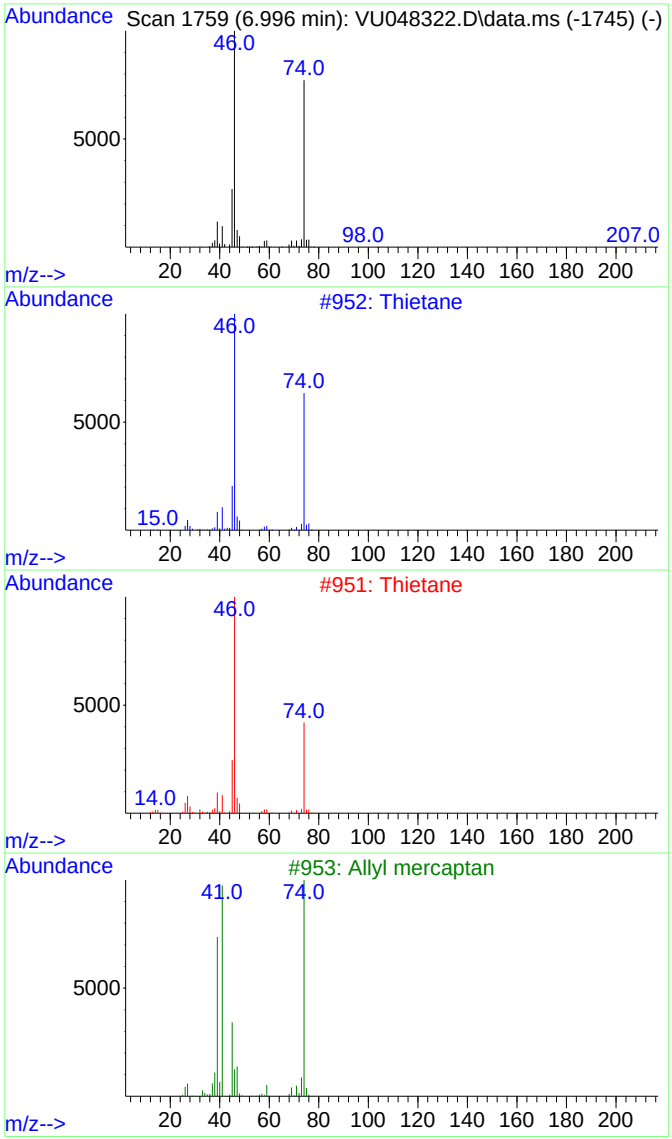
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

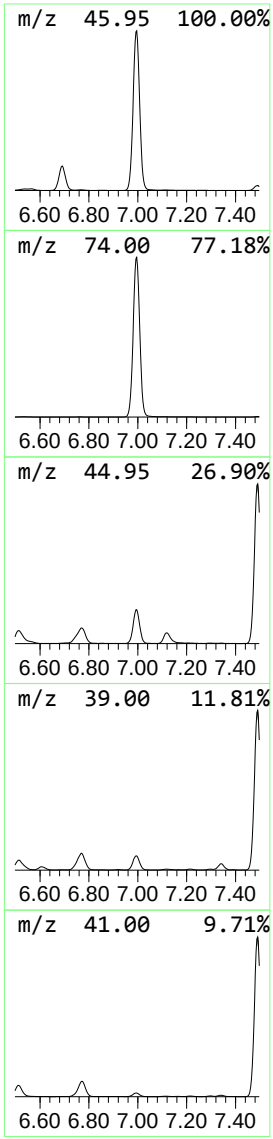
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Thietane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.996	87.49 ug/L	1610410	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thietane	74	C3H6S	000287-27-4	91
2	Thietane	74	C3H6S	000287-27-4	90
3	Allyl mercaptan	74	C3H6S	000870-23-5	37
4	Tetramethylammonium tetrafluorob...	161	C4H12BF4N	000661-36-9	9
5	Oxirane, (fluoromethyl)-	76	C3H5FO	000503-09-3	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

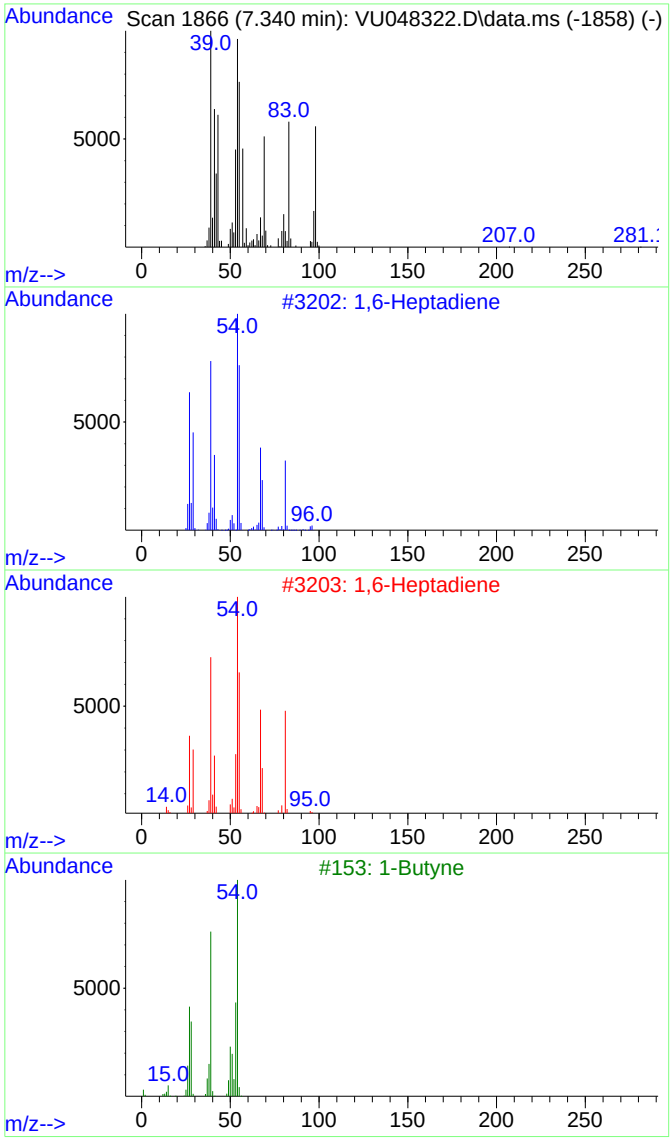
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

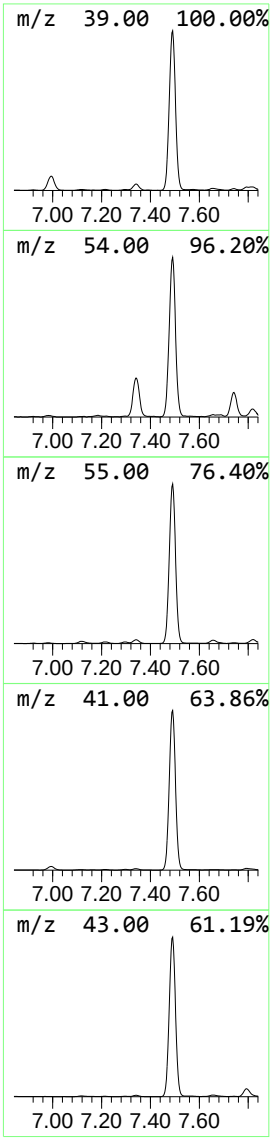
****

Peak Number 19 1,6-Heptadiene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.340	13.02 ug/L	239687	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Heptadiene	96	C7H12	003070-53-9	62
2	1,6-Heptadiene	96	C7H12	003070-53-9	58
3	1-Butyne	54	C4H6	000107-00-6	56
4	1-Butyne	54	C4H6	000107-00-6	56
5	1-Methylcyclopropene	54	C4H6	003100-04-7	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

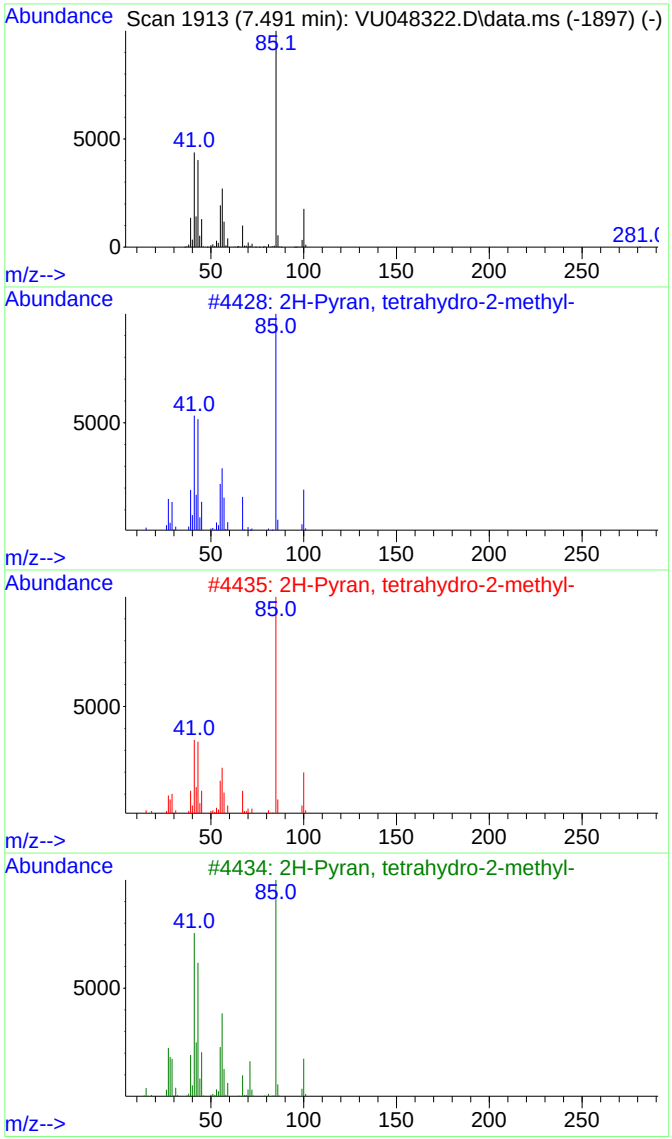
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

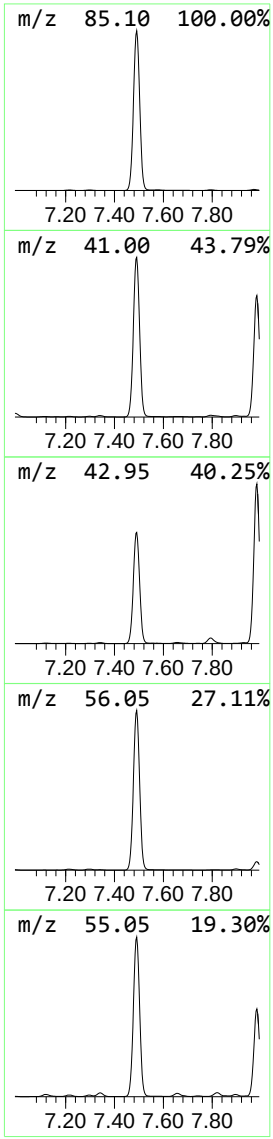
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.491	1027.02 ug/L	18903000	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	93
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	90
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	76
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	72
5	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

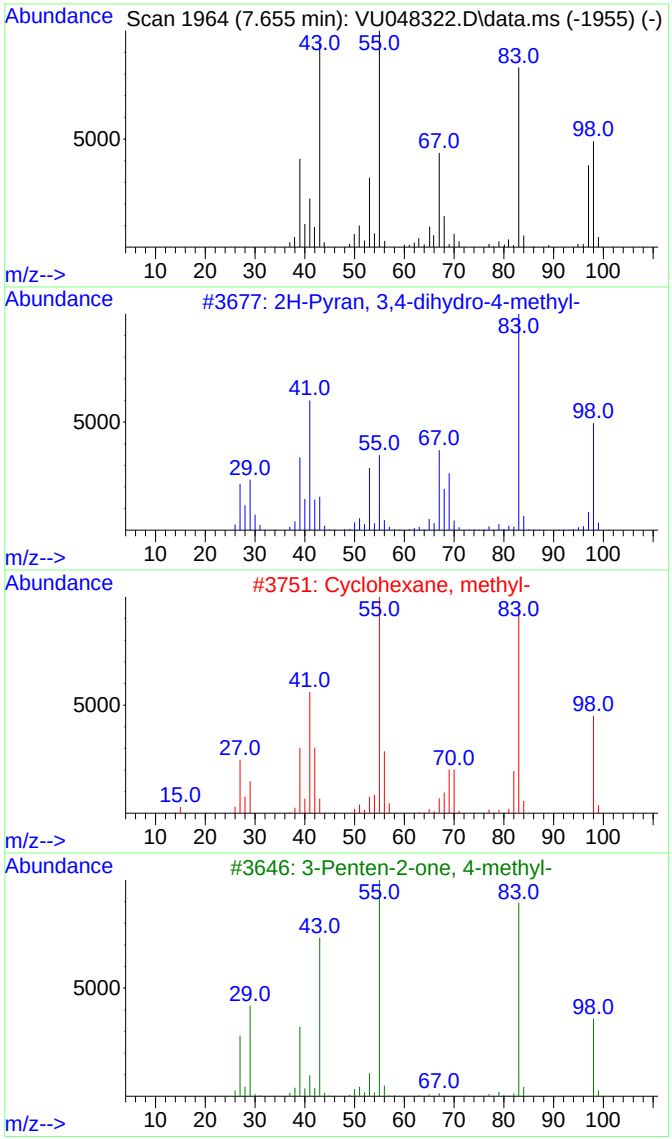
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

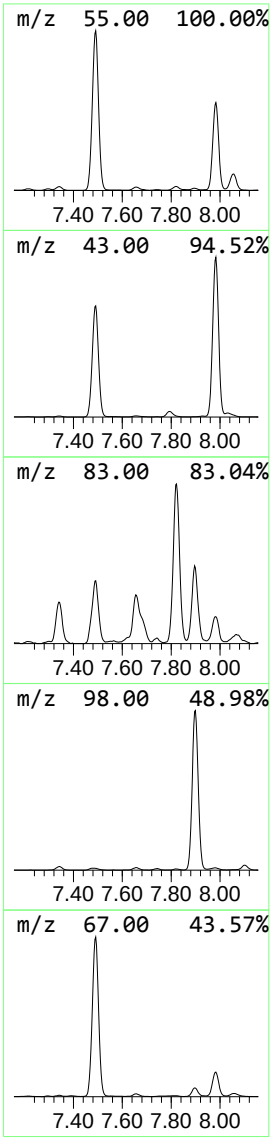
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 2H-Pyran, 3,4-dihydro-4-met... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.655	9.69 ug/L	178415	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, 3,4-dihydro-4-methyl-	98	C6H10O	002270-61-3	58
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	46
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	46
4	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	46
5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

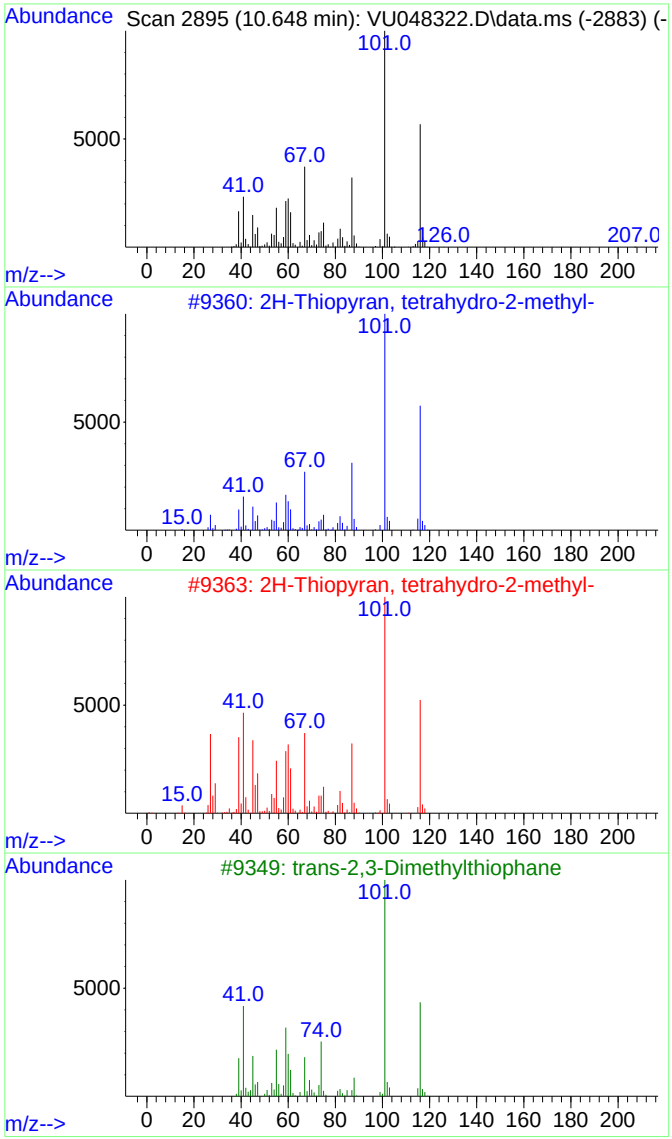
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

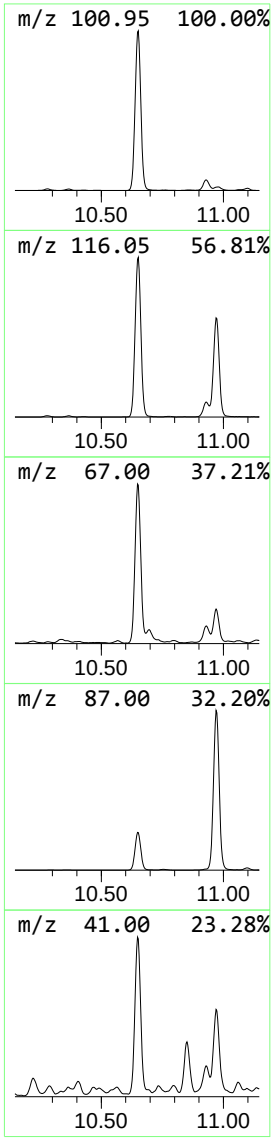
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 2H-Thiopyran, tetrahydro-2-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.648	67.11 ug/L	2217840	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	96
2	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	94
3	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	81
4	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	80
5	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

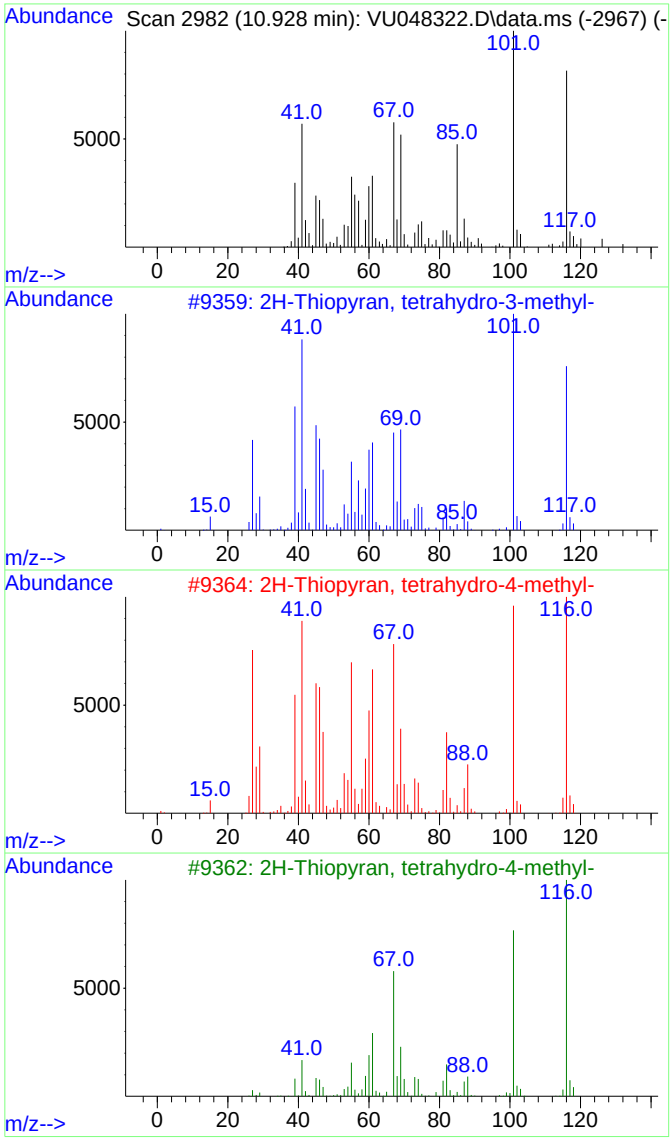
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

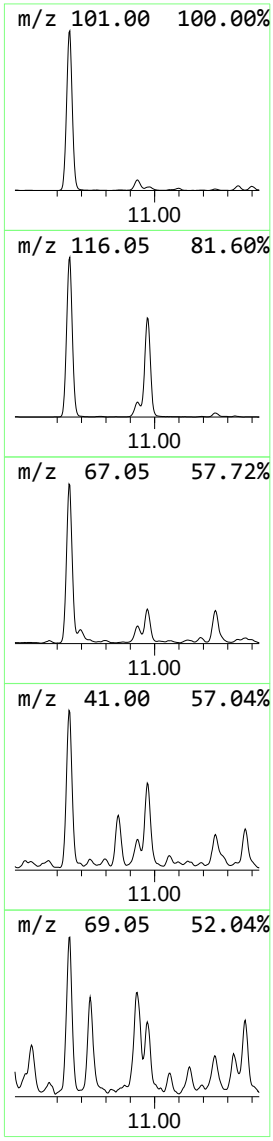
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 2H-Thiopyran, tetrahydro-3-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.928	9.82 ug/L	324548	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Thiopyran, tetrahydro-3-methyl-	116	C6H12S	005258-50-4	94
2	2H-Thiopyran, tetrahydro-4-methyl-	116	C6H12S	005161-17-1	91
3	2H-Thiopyran, tetrahydro-4-methyl-	116	C6H12S	005161-17-1	52
4	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	50
5	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

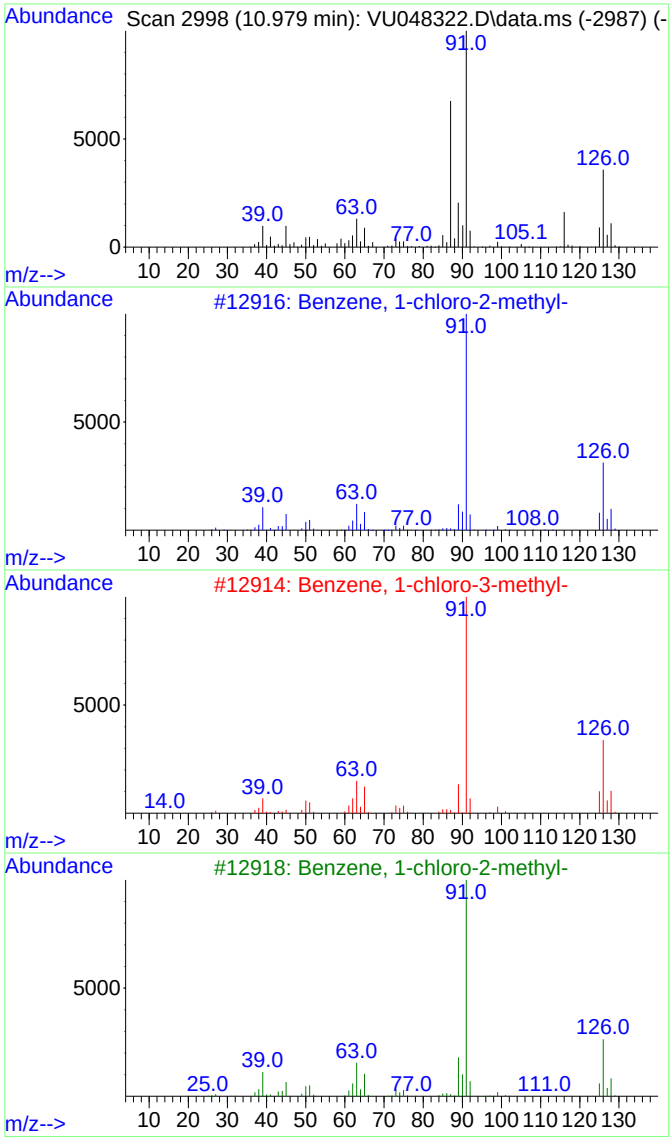
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

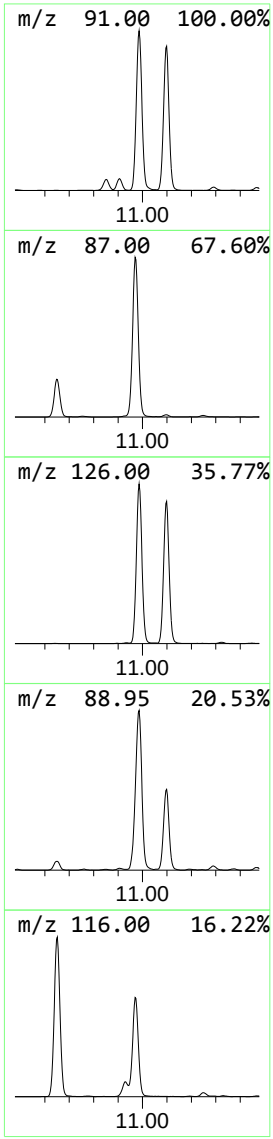
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 1-chloro-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.979	101.56 ug/L	3356270	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	91
2	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	87
3	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	83
4	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	78
5	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

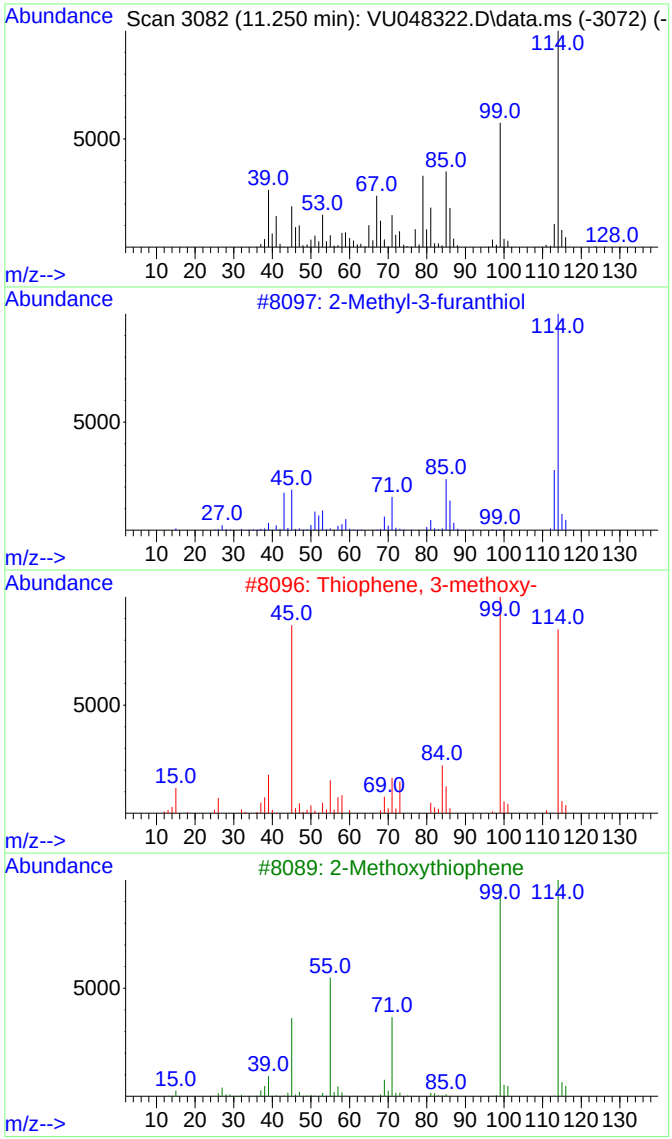
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

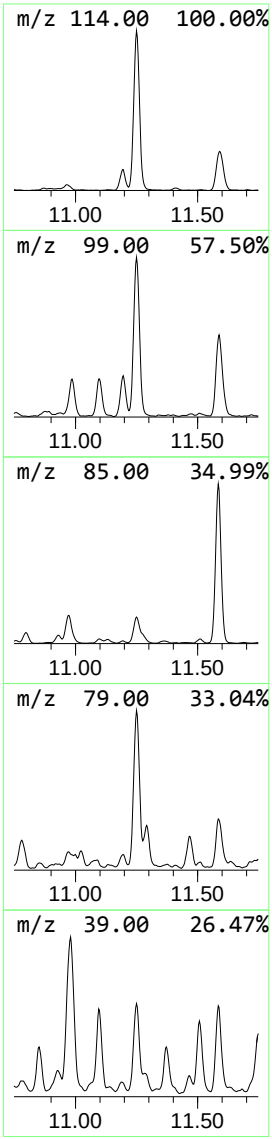
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.249	23.60 ug/L	779938	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3-furanthiol	114	C5H6OS	028588-74-1	45
2	Thiophene, 3-methoxy-	114	C5H6OS	017573-92-1	43
3	2-Methoxythiophene	114	C5H6OS	016839-97-7	43
4	2-Thiazolamine, 4-methyl-	114	C4H6N2S	001603-91-4	38
5	2-Methyl-3-furanthiol	114	C5H6OS	028588-74-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

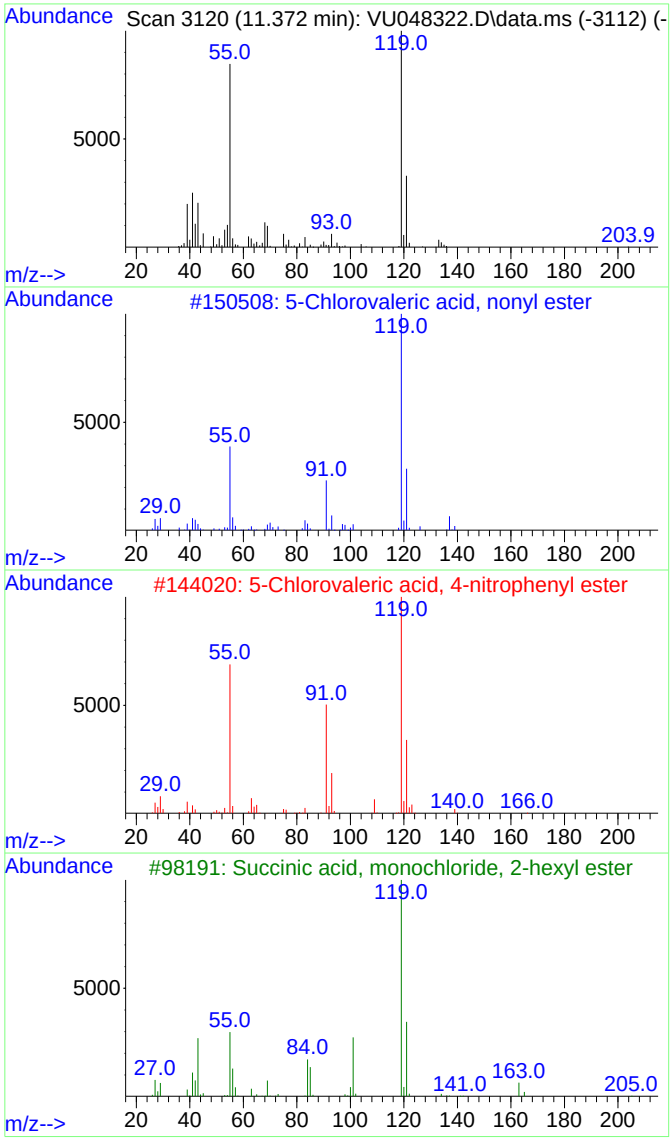
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

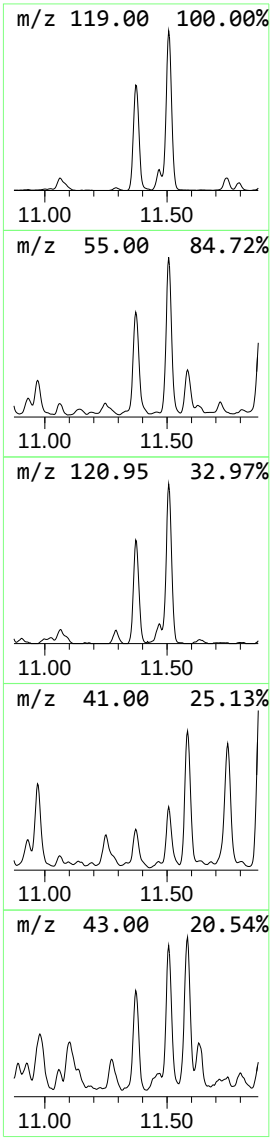
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 5-Chlorovaleric acid, nonyl... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.372	13.55 ug/L	447805	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Chlorovaleric acid, nonyl ester	262	C14H27ClO2	052893-18-2	53
2	5-Chlorovaleric acid, 4-nitrophe...	257	C11H12ClNO4	1000307-98-0	40
3	Succinic acid, monochloride, 2-h...	220	C10H17ClO3	1000349-57-0	40
4	Succinic acid, monochloride pent...	204	C9H13ClO3	1000353-45-9	40
5	2,5-Pyrrolidinedione, 1-[(2-meth...	233	C12H11NO4	110920-14-4	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

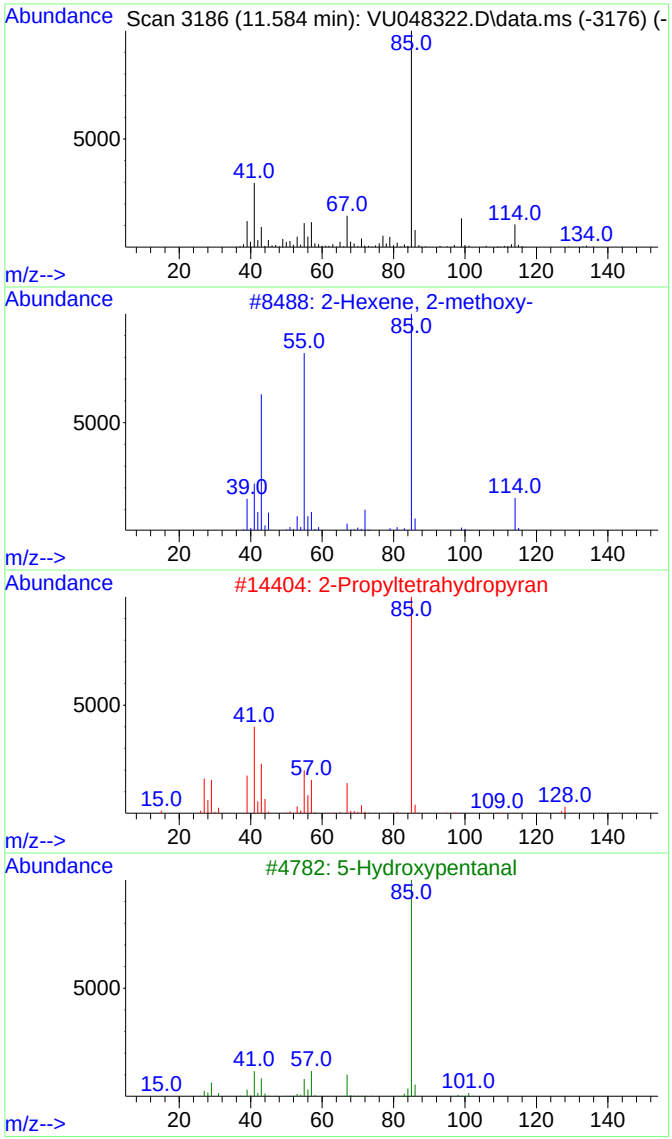
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

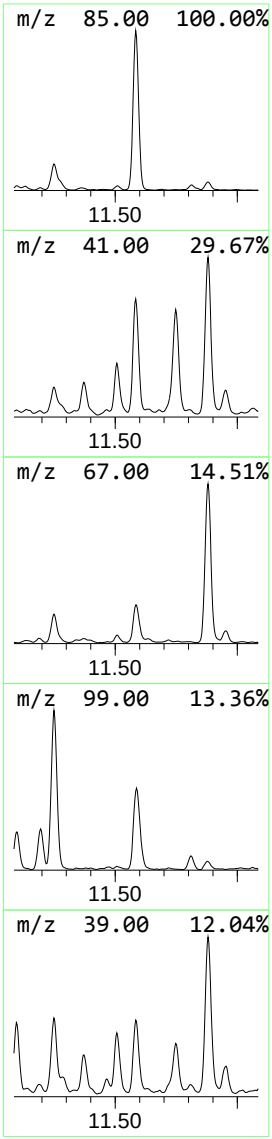
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 2-Hexene, 2-methoxy- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.584	27.77 ug/L	917770	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 2-methoxy-	114	C7H14O	061142-45-8	64
2	2-Propyltetrahydropyran	128	C8H16O	003857-17-8	59
3	5-Hydroxypentanal	102	C5H10O2	004221-03-8	59
4	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	59
5	1,3-Butadiene, 1-(ethylthio)-	114	C6H10S	010574-85-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

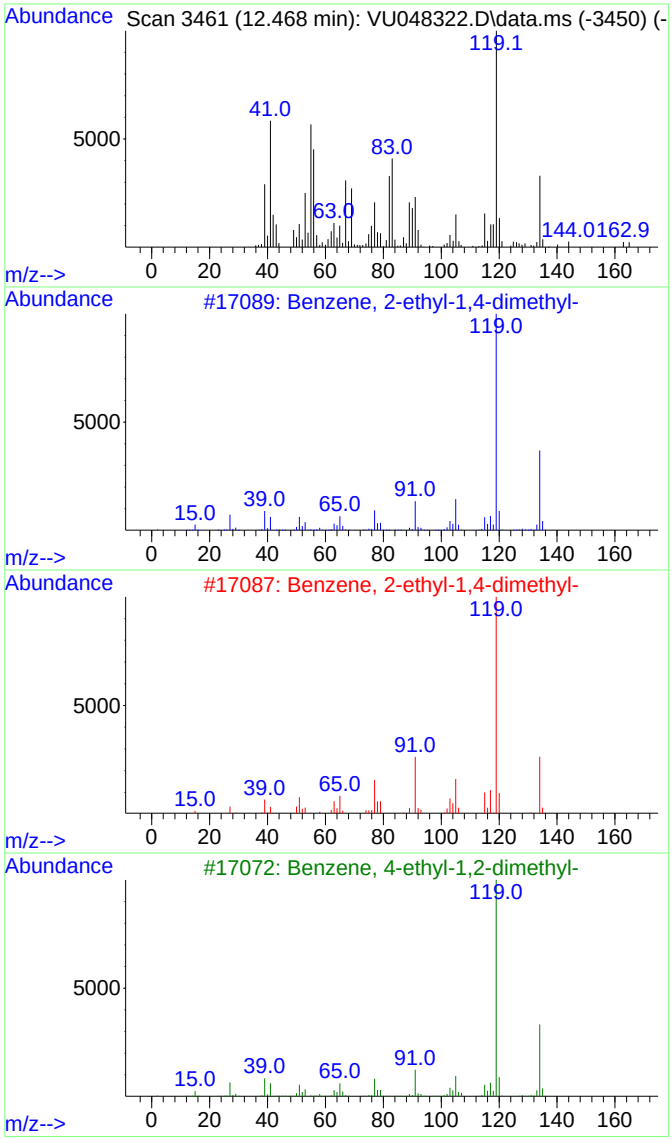
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

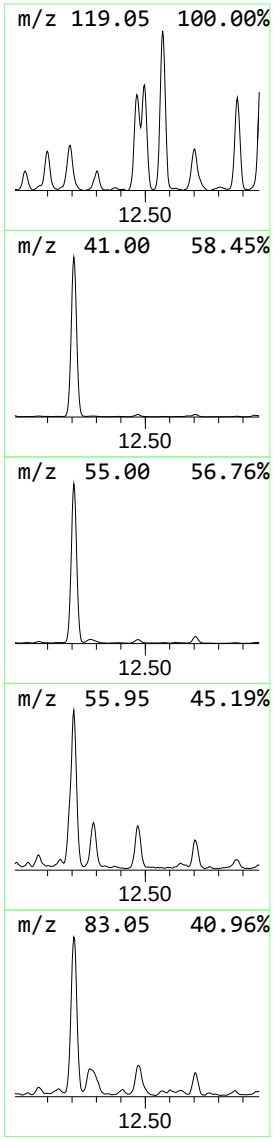
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	9.09 ug/L	300489	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	46
4	p-Cymene	134	C10H14	000099-87-6	46
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

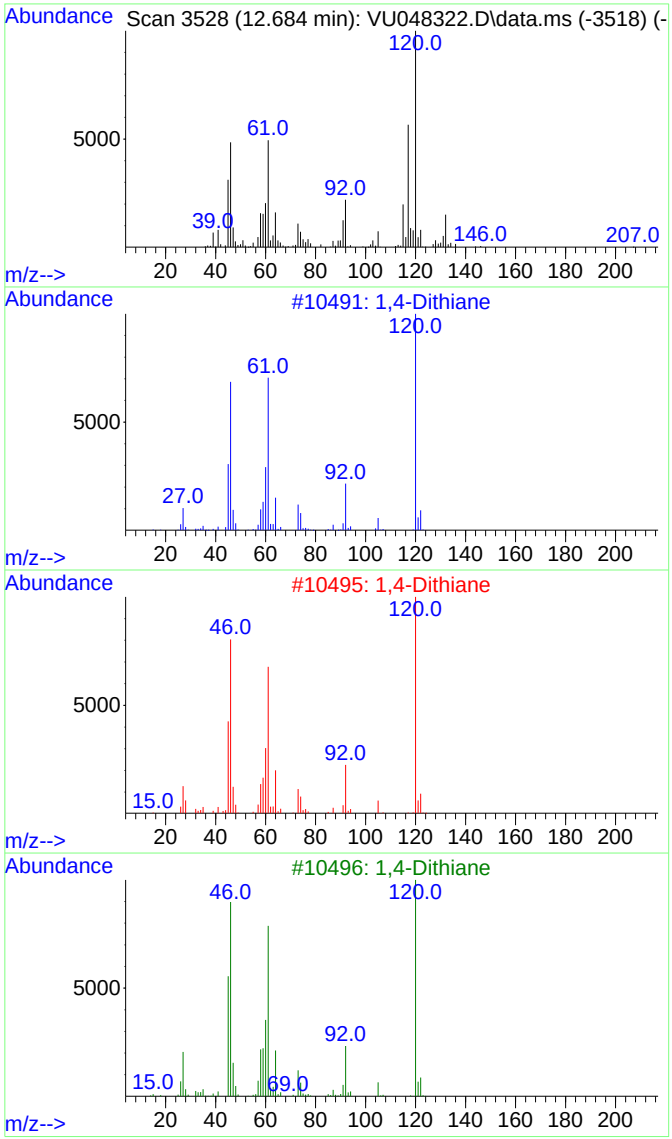
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

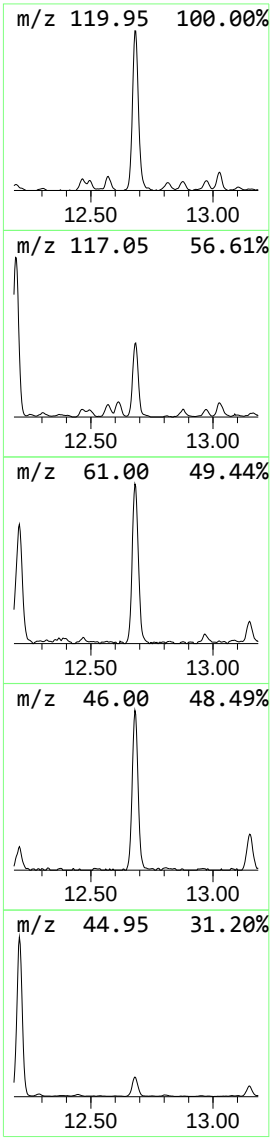
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 1,4-Dithiane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.684	15.24 ug/L	503664	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dithiane	120	C4H8S2	000505-29-3	95
2	1,4-Dithiane	120	C4H8S2	000505-29-3	94
3	1,4-Dithiane	120	C4H8S2	000505-29-3	94
4	1,4-Dithiane	120	C4H8S2	000505-29-3	76
5	1,3-Dithiane	120	C4H8S2	000505-23-7	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

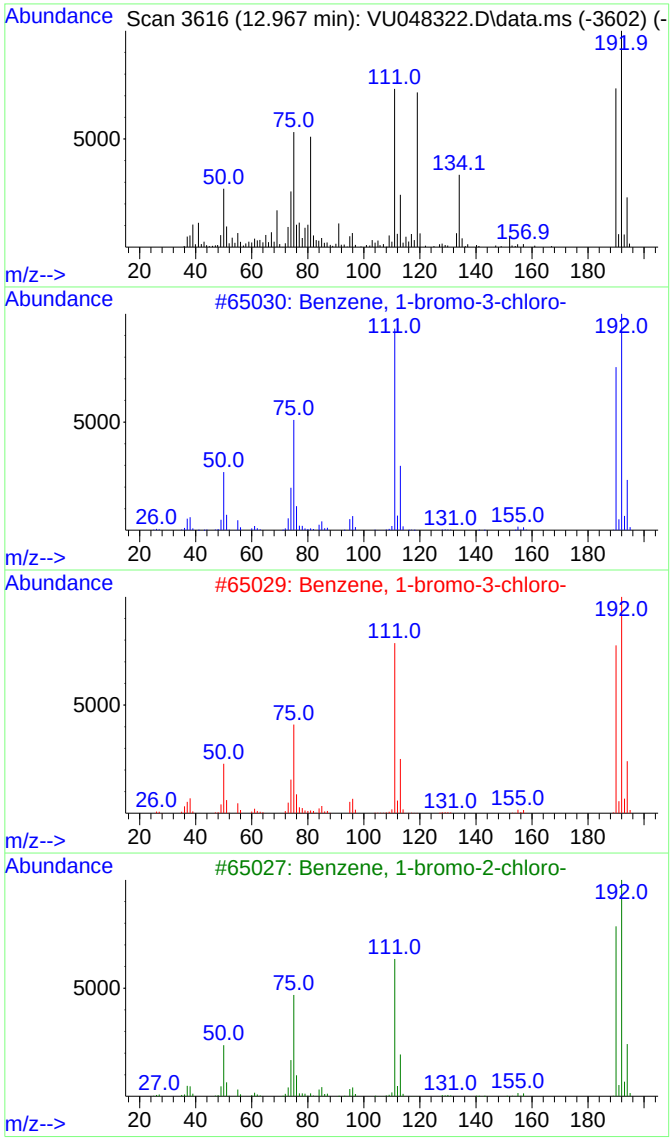
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

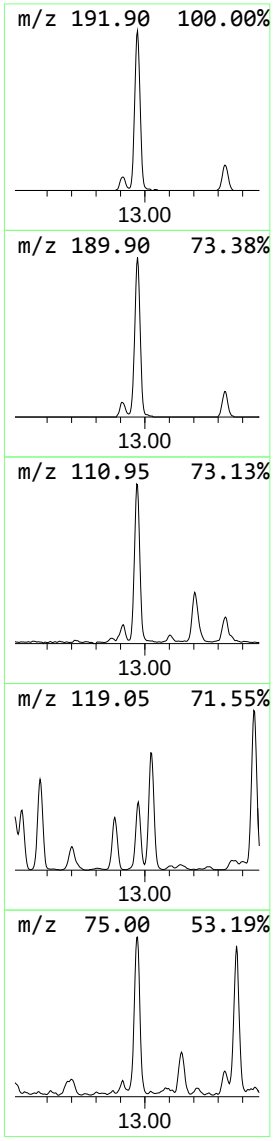
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, 1-bromo-3-chloro- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.967	12.76 ug/L	421686	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
2	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

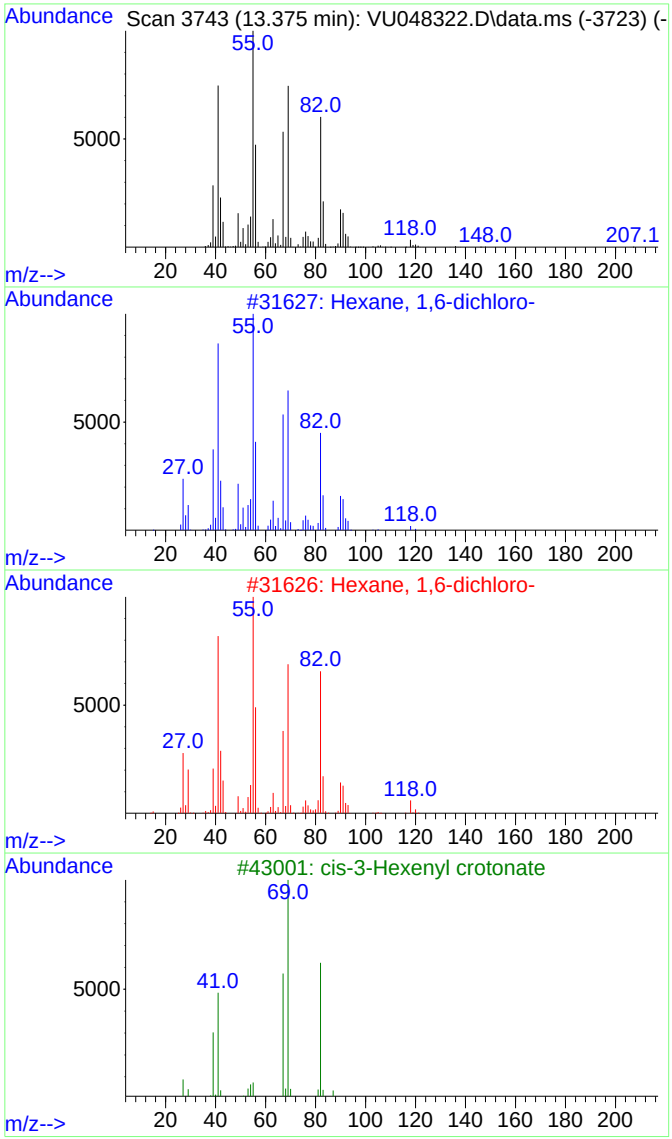
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

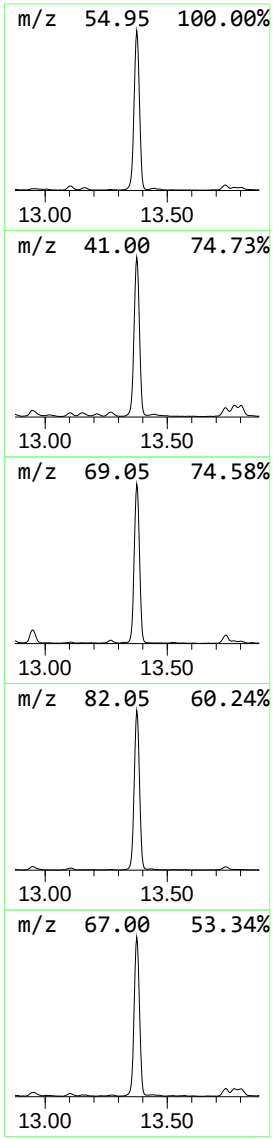
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Hexane, 1,6-dichloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.375	76.10 ug/L	2514870	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	90
2	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	83
3	cis-3-Hexenyl crotonate	168	C10H16O2	1000429-17-4	47
4	2-Butenoic acid, 3-hexenyl ester...	168	C10H16O2	065405-80-3	38
5	1-Hexanol, 6-chloro-	136	C6H13ClO	002009-83-8	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

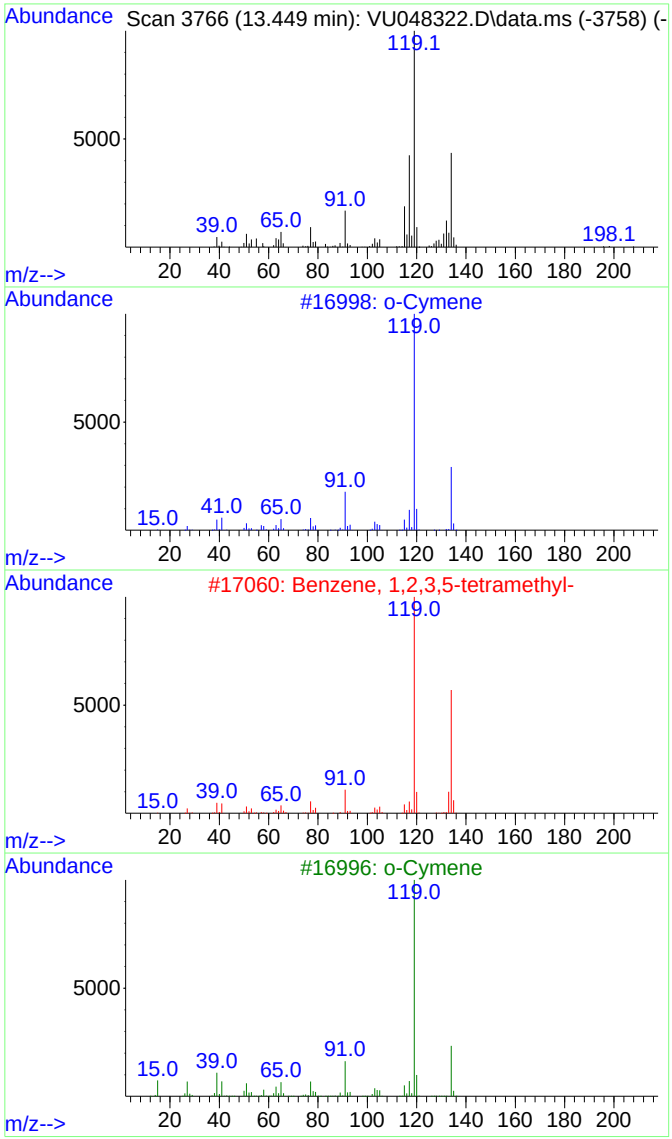
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

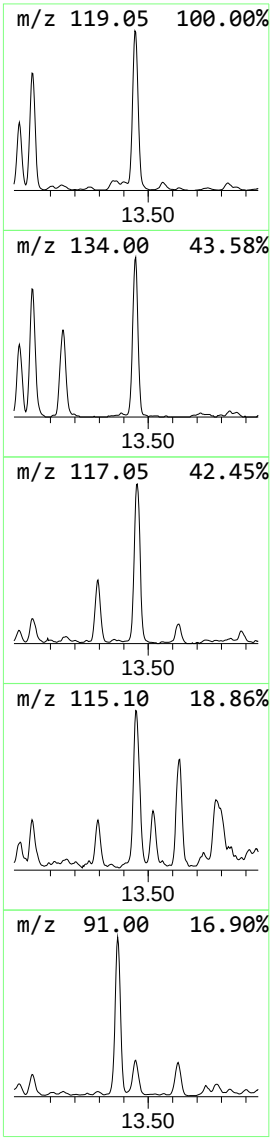
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 o-Cymene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	9.46 ug/L	312757	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	70
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
3	o-Cymene	134	C10H14	000527-84-4	70
4	o-Cymene	134	C10H14	000527-84-4	70
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

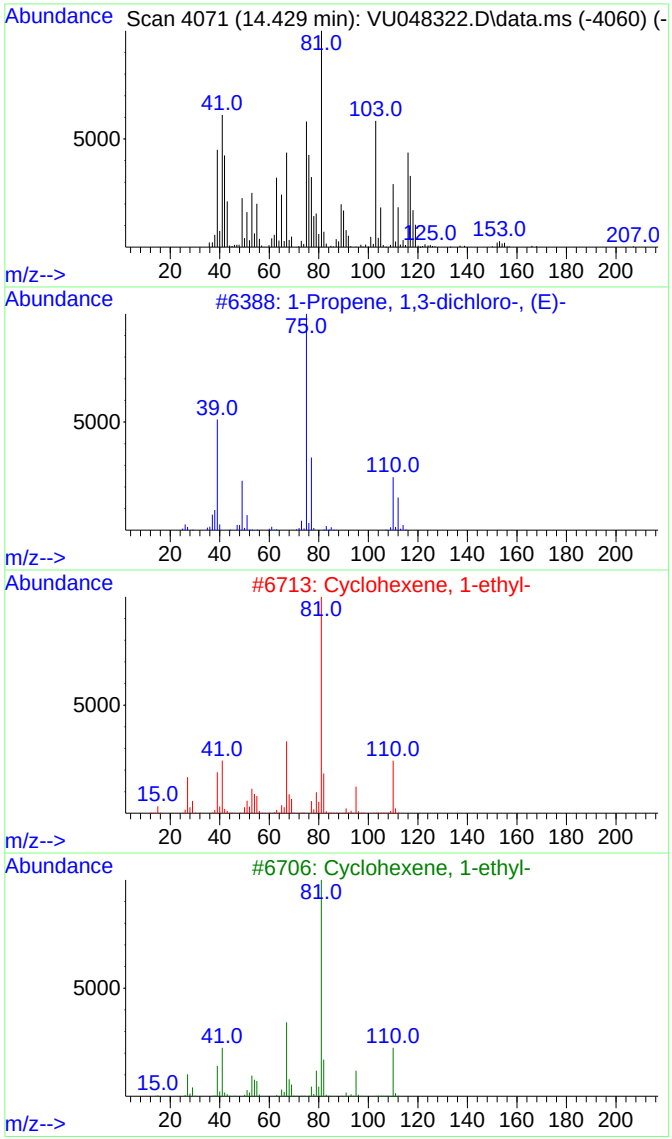
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

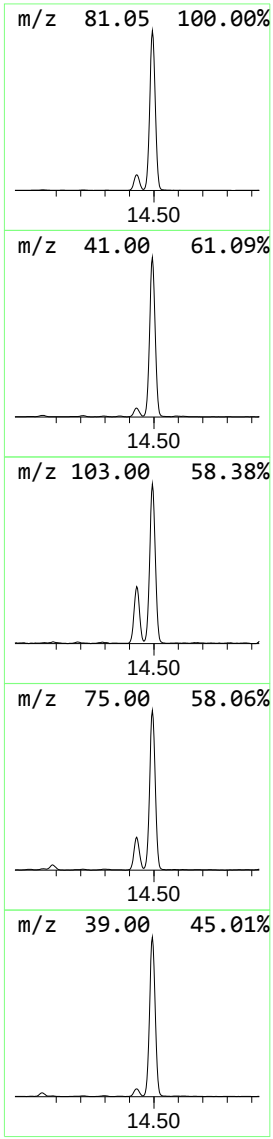
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.430	17.85 ug/L	589745	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 1,3-dichloro-, (E)-	110	C3H4Cl2	010061-02-6	18
2	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	18
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	18
4	Cyclopropane, 1-chloro-2-(1-prop...	116	C6H9Cl	074752-94-6	14
5	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

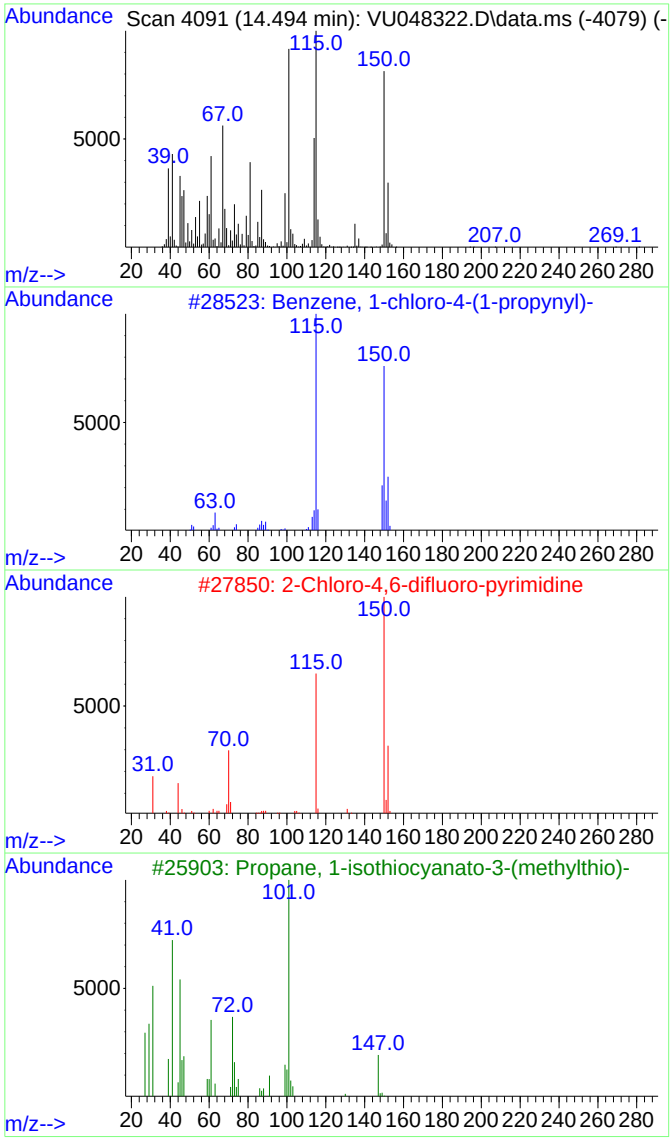
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

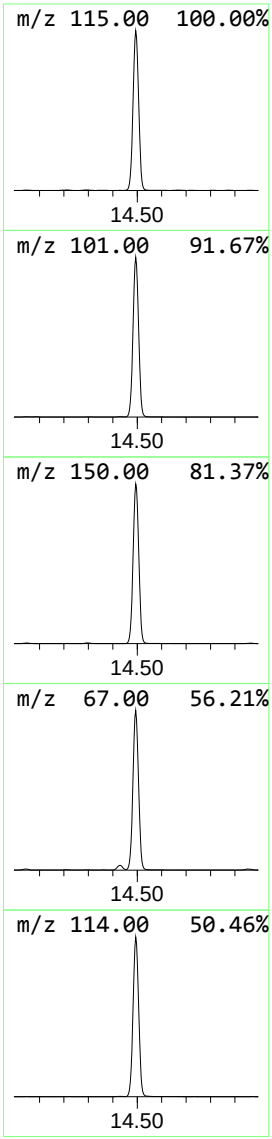
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.494	490.01 ug/L	16193900	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-(1-propynyl)-	150	C9H7Cl	002809-65-6	38
2	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	27
3	Propane, 1-isothiocyanato-3-(met...	147	C5H9NS2	000505-79-3	22
4	2-Pyrrolidinethione, 1-methyl-	115	C5H9NS	010441-57-3	14
5	Propane, 1-isothiocyanato-	101	C4H7NS	000628-30-8	11





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

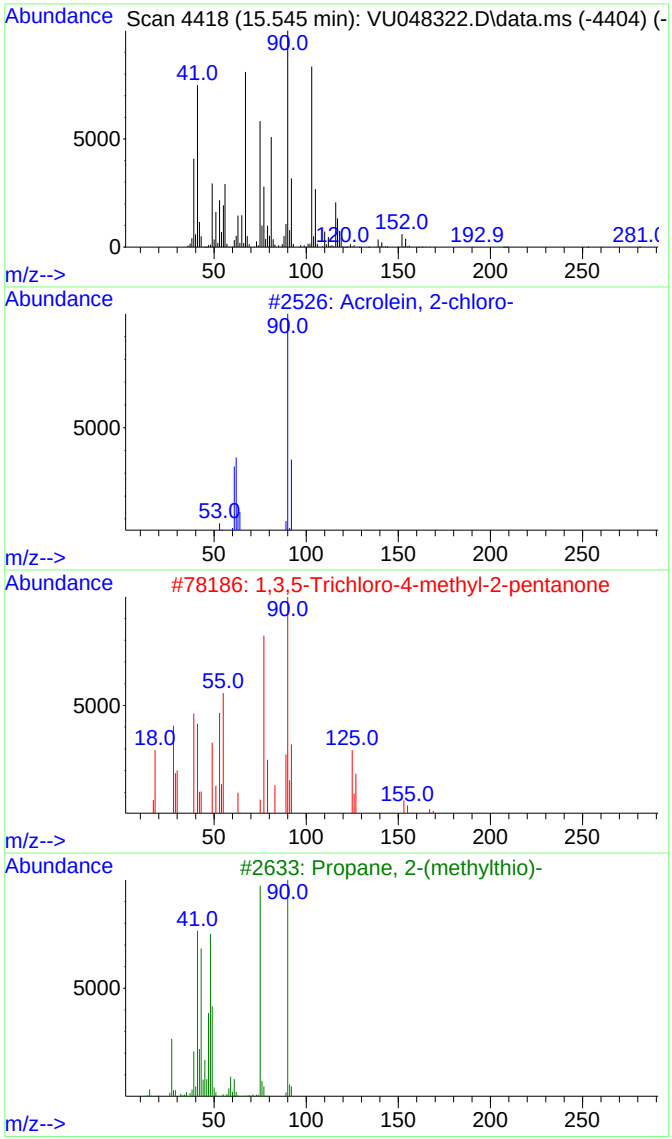
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

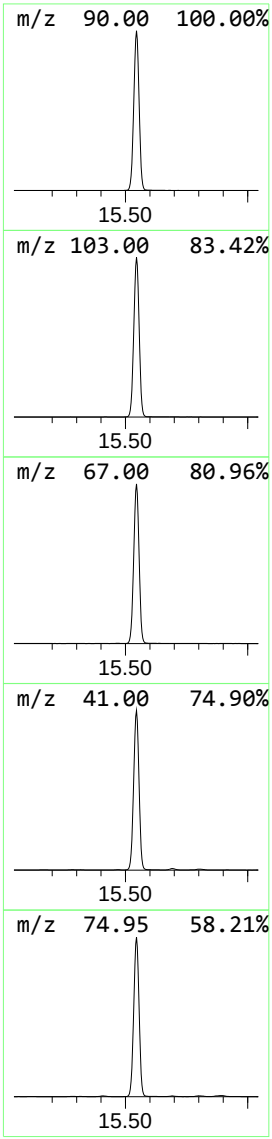
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 unknown-04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.545	269.49 ug/L	8906160	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	37
2	1,3,5-Trichloro-4-methyl-2-penta...	202	C6H9Cl3O	1000140-03-8	25
3	Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	25
4	2,2-Bis(chloromethyl)-1-propanol	156	C5H10Cl2O	005355-54-4	23
5	Borane, chloro(dimethylamino)ethyl-	119	C4H11BClN	001739-26-0	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

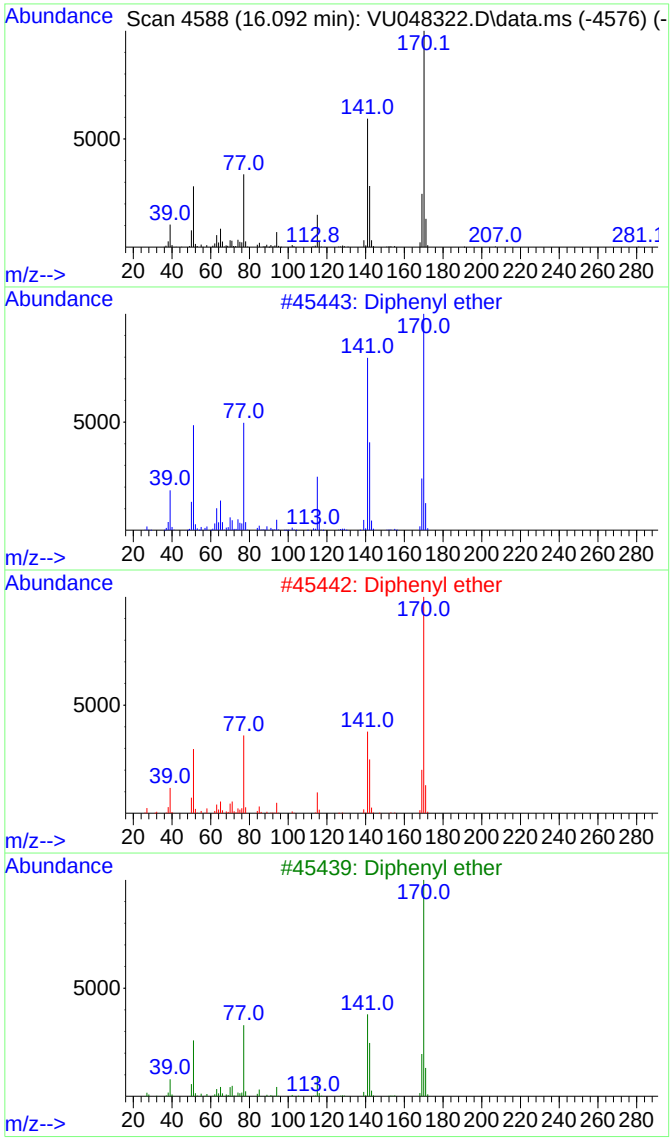
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

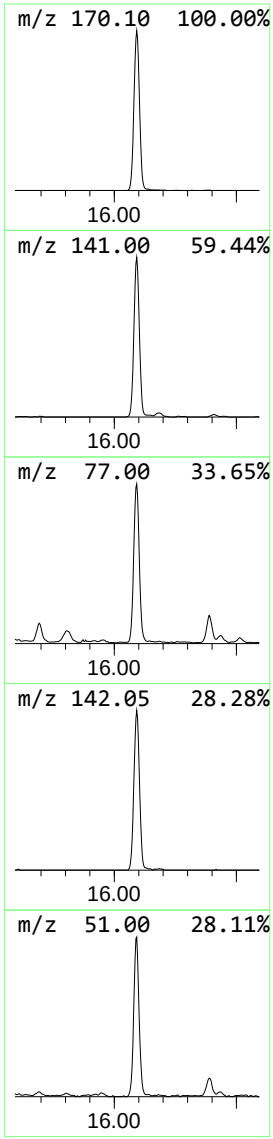
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Diphenyl ether Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.092	13.77 ug/L	455072	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	96
2	Diphenyl ether	170	C12H10O	000101-84-8	94
3	Diphenyl ether	170	C12H10O	000101-84-8	94
4	Diphenyl ether	170	C12H10O	000101-84-8	83
5	Diphenyl ether	170	C12H10O	000101-84-8	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

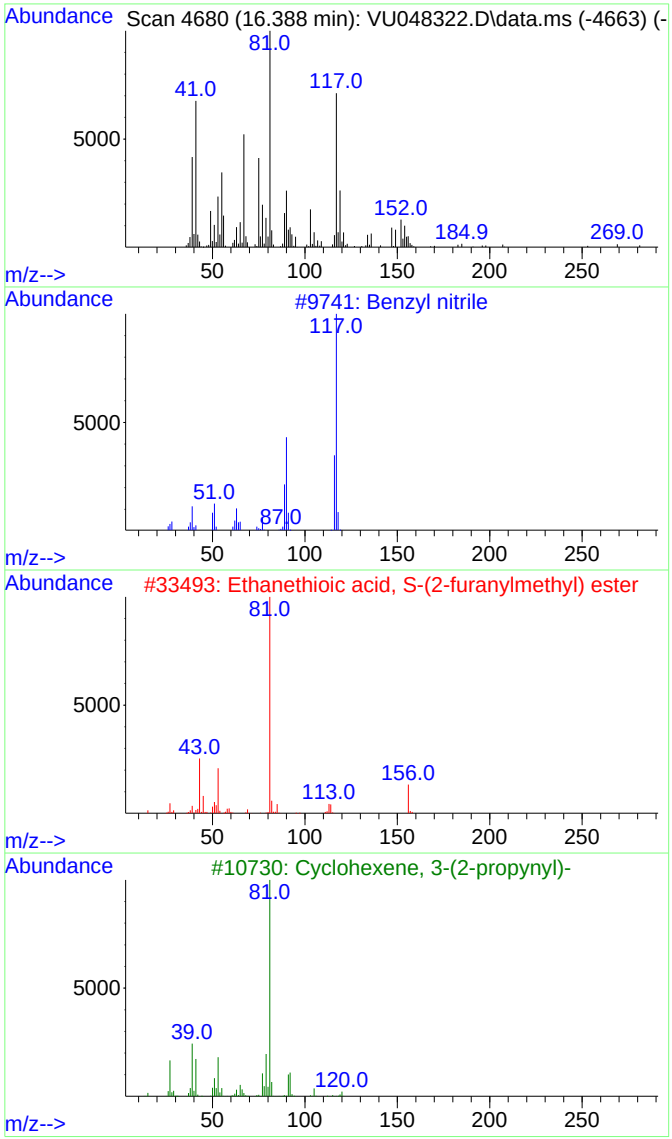
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

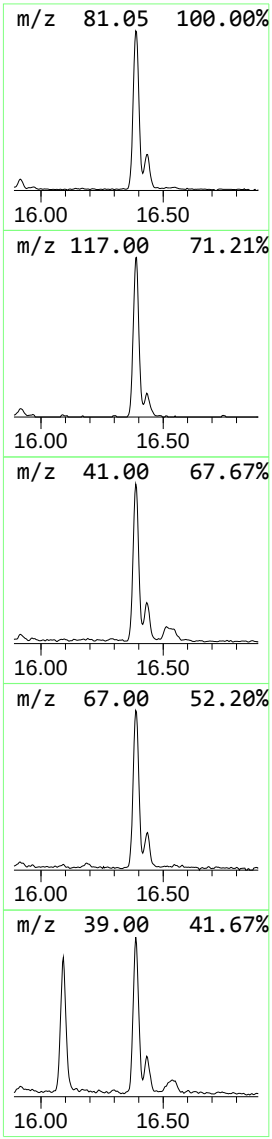
****

Peak Number 56 unknown-05 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.388	8.99 ug/L	297108	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl nitrile	117	C8H7N	000140-29-4	25
2	Ethanethioic acid, S-(2-furanylm...	156	C7H8O2S	013678-68-7	18
3	Cyclohexene, 3-(2-propynyl)-	120	C9H12	055956-43-9	18
4	Benzyl nitrile	117	C8H7N	000140-29-4	15
5	Benzyl nitrile	117	C8H7N	000140-29-4	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048322.D
Acq On : 27 Apr 2022 18:10
Operator : SY/MD
Sample : N2587-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Allene	1.433	9.0	ug/L	166378	1	6.250	920287	50.0
Ethanethiol	2.475	9.4	ug/L	173610	1	6.250	920287	50.0
Dimethyl sulfide	2.681	56.0	ug/L	1030580	1	6.250	920287	50.0
(DEL) Alkane: C...	3.134	166.9	ug/L	3072480	1	6.250	920287	50.0
Isopropenyl bro...	3.231	50.1	ug/L	922064	1	6.250	920287	50.0
1,5-Hexadiene	3.443	12.8	ug/L	235184	1	6.250	920287	50.0
Ethane, (methyl...	4.562	29.2	ug/L	537820	1	6.250	920287	50.0
2-Butanol	4.989	17.6	ug/L	324824	1	6.250	920287	50.0
2-Butanone, 3-m...	6.150	9.2	ug/L	169751	1	6.250	920287	50.0
Furan, tetrahyd...	6.510	81.4	ug/L	1497660	1	6.250	920287	50.0
Furan, tetrahyd...	6.771	140.2	ug/L	2581190	1	6.250	920287	50.0
Thietane	6.996	87.5	ug/L	1610410	1	6.250	920287	50.0
1,6-Heptadiene	7.340	13.0	ug/L	239687	1	6.250	920287	50.0
2H-Pyran, tetra...	7.491	1027.0	ug/L	18903000	1	6.250	920287	50.0
2H-Pyran, 3,4-d...	7.655	9.7	ug/L	178415	1	6.250	920287	50.0
2H-Thiopyran, t...	10.648	67.1	ug/L	2217840	3	11.812	1652390	50.0
2H-Thiopyran, t...	10.928	9.8	ug/L	324548	3	11.812	1652390	50.0
Benzene, 1-chlo...	10.979	101.6	ug/L	3356270	3	11.812	1652390	50.0
unknown-01	11.249	23.6	ug/L	779938	3	11.812	1652390	50.0
5-Chlorovaleric...	11.372	13.6	ug/L	447805	3	11.812	1652390	50.0
2-Hexene, 2-met...	11.584	27.8	ug/L	917770	3	11.812	1652390	50.0
Benzene, 2-ethy...	12.468	9.1	ug/L	300489	3	11.812	1652390	50.0
1,4-Dithiane	12.684	15.2	ug/L	503664	3	11.812	1652390	50.0
Benzene, 1-brom...	12.967	12.8	ug/L	421686	3	11.812	1652390	50.0
Hexane, 1,6-dic...	13.375	76.1	ug/L	2514870	3	11.812	1652390	50.0
o-Cymene	13.449	9.5	ug/L	312757	3	11.812	1652390	50.0
unknown-02	14.430	17.9	ug/L	589745	3	11.812	1652390	50.0
unknown-03	14.494	490.0	ug/L	16193900	3	11.812	1652390	50.0
unknown-04	15.545	269.5	ug/L	8906160	3	11.812	1652390	50.0
Diphenyl ether	16.092	13.8	ug/L	455072	3	11.812	1652390	50.0
unknown-05	16.388	9.0	ug/L	297108	3	11.812	1652390	50.0