LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048323.D
Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

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: VU048323.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.356	3	5	24	rVB2	38434917	32142904	56.81%	19.120%
2	1.433	24	29	35	rVB	91070	84564	0.15%	0.050%
3	1.478	35	43	59	rVB2	45392	92821	0.16%	0.055%
4	1.601	71	81	95	rBV2	331827	483894	0.86%	0.288%
5	1.887	162	170	190	rVB	135459	217465	0.38%	0.129%
6	2.375	314	322	327	rBV	45820	69678	0.12%	0.041%
7	2.507	352	363	370	rVV2	38528	67173	0.12%	0.040%
8	2.562	370	380	394	rVB	361276	597527	1.06%	0.355%
9	2.678	405	416	433	rVB2	85519	172488	0.30%	0.103%
10	3.012	509	520	534	rVV	36845	72897	0.13%	0.043%
11	3.131	543	557	574	rVV	458479	931579	1.65%	0.554%
12	3.231	575	588	607	rVB	241953	488575	0.86%	0.291%
13	3.350	614	625	638	rVB3	18140	36320	0.06%	0.022%
14	3.443	638	654	671	rVV	46581	97188	0.17%	0.058%
15	3.867	765	786	807	rVV	32315	82753	0.15%	0.049%
16	3.993	807	825	848	rBV4	33156	103683	0.18%	0.062%
17	4.565	975	1003	1009	rBV6	33737	120916	0.21%	0.072%
18	4.629	1009	1023	1063	rVB3	321663	918697	1.62%	0.546%
19	5.060	1140	1157	1181	rBV	317422	703968	1.24%	0.419%
20	5.388	1246	1259	1272	rVB3	35689	81849	0.14%	0.049%
21	5.774	1341	1379	1406	rBV2	19162052	40557961	71.68%	24.126%
22	5.967	1431	1439	1446	rBV4	19754	37052	0.07%	0.022%
23	6.018	1447	1455	1476	rVB2	66807	135835	0.24%	0.081%
24	6.247	1513	1526	1550	rVB	463027	872834	1.54%	0.519%
25	6.469	1583	1595	1604	rBV	231086	422382	0.75%	0.251%
26	6.517	1605	1610	1612	rBV2	24609	25351	0.04%	0.015%
27	6.690	1651	1664	1677	rBV	407505	781208	1.38%	0.465%
28	6.771	1677	1689	1707	rVB5	92795	243350	0.43%	0.145%
29	6.993	1745	1758	1775	rBV2	116925	228580	0.40%	0.136%
30	7.173	1801	1814	1824	rBV2	12269	32495	0.06%	0.019%
31	7.343	1859	1867	1879	rVB6	12409	21852	0.04%	0.013%
32	7.491	1889	1913	1926	rBV	1169638	2136016	3.78%	1.271%
33	7.565	1926	1936	1954	rVB	263148	488589	0.86%	0.291%
34	7.822	2004	2016	2025	rVB5	13488	26377	0.05%	0.016%
35	7.896	2025	2039	2051	rBV	900960	1546895	2.73%	0.920%
36	7.973	2051	2063	2078	rVV3	2080080	4171906	7.37%	2.482%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048323.D
Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

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	8.050	2079	2087	2097	rVB5	64339	116493	0.21%	0.069%
38	8.179	2115	2127	2142	rVB	187346	320028	0.57%	0.190%
39	8.308	2159	2167	2171	rBV3	19945	31388	0.06%	0.019%
40	8.356	2171	2182	2199	rVB	738551	1284995	2.27%	0.764%
41	8.491	2214	2224	2235	rVB	24707	44930	0.08%	0.027%
42	8.575	2235	2250	2260	rBV	670188	1130322	2.00%	0.672%
43	8.636	2260	2269	2300	rVV	753099	1333016	2.36%	0.793%
44	8.777	2300	2313	2332	rVB2	124133	232589	0.41%	0.138%
45	9.015	2373	2387	2407	rBV	436262	766140	1.35%	0.456%
46	9.173	2427	2436	2449	rBV2	17365	39012	0.07%	0.023%
47	9.243	2449	2458	2478	rVB3	38179	92447	0.16%	0.055%
48	9.362	2478	2495	2501	rBV7	19400	40124	0.07%	0.024%
49	9.452	2501	2523	2545	rVV2	33580591	56582051	100.00%	33.658%
50	9.555	2546	2555	2570	rVV2	181206	510916	0.90%	0.304%
51	9.632	2572	2579	2584	rVV2	30149	51738	0.09%	0.031%
52	9.693	2586	2598	2615	rVB	217222	398819	0.70%	0.237%
53	9.870	2644	2653	2660	rVV5	16980	29748	0.05%	0.018%
54	9.922	2661	2669	2684	rBV4	25617	72030	0.13%	0.043%
55	10.012	2692	2697	2712	rVB6	18345	37274	0.07%	0.022%
56	10.102	2712	2725	2750	rVB	246591	428746	0.76%	0.255%
57	10.365	2791	2807	2826	rBV5	49330	112067	0.20%	0.067%
58	10.484	2832	2844	2853	rVB	22403	40173	0.07%	0.024%
59	10.546	2854	2863	2876	rVB	20835	36815	0.07%	0.022%
60	10.652	2876	2896	2917	rBV	655313	1139744	2.01%	0.678%
61	10.758	2917	2929	2954	rVV2	791088	1890189	3.34%	1.124%
62	10.928	2968	2982	2987	rVV2	108556	199357	0.35%	0.119%
63	10.973	2987	2996	3018	rVV2	425416	883197	1.56%	0.525%
64	11.095	3019	3034	3054	rVB2	93254	203959	0.36%	0.121%
65	11.250	3071	3082	3089	rBV2	61561	110553	0.20%	0.066%
66	11.292	3089	3095	3105	rVB	51793	80713	0.14%	0.048%
67	11.468	3138	3150	3157	rBV	76867	125972	0.22%	0.075%
68	11.510	3158	3163	3175	rVB4	31181	48985	0.09%	0.029%
69	11.587	3176	3187	3197	rBV2	100885	182428	0.32%	0.109%
70	11.636	3198	3202	3217	rVB8	23227	38402	0.07%	0.023%
71	11.748	3224	3237	3246	rBV	150707	265166	0.47%	0.158%
72	11.812	3246	3257	3269	rVV	886737	1521953	2.69%	0.905%
73	11.880	3269	3278	3293	rVV2	567813	1035191	1.83%	0.616%
74	11.951	3293	3300	3314	rVB3	46264	83174	0.15%	0.049%
75	12.095	3340	3345	3354	rVV2	25993	39537	0.07%	0.024%
76	12.198	3364	3377	3397	rVB4	1184225	2587491	4.57%	1.539%

LSC Area Percent Report

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Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

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	12.298	3398	3408	3425	rVB6	40802	84237	0.15%	0.050%
78	12.462	3449	3459	3461	rBV5	12298	18514	0.03%	0.011%
79	12.681	3520	3527	3547	rVB9	26196	59173	0.10%	0.035%
80	12.803	3549	3565	3575	rBV9	11657	27802	0.05%	0.017%
81	12.967	3603	3616	3629	rVV	448771	749701	1.32%	0.446%
82	13.105	3650	3659	3667	rBV2	54945	84874	0.15%	0.050%
83	13.153	3667	3674	3682	rVB3	14626	23651	0.04%	0.014%
84	13.375	3723	3743	3751	rBV5	62108	159856	0.28%	0.095%
85	13.526	3785	3790	3798	rVB2	17117	23226	0.04%	0.014%
86	13.623	3814	3820	3829	rVB4	11331	18735	0.03%	0.011%
87	13.777	3848	3868	3874	rBV10	42865	136018	0.24%	0.081%
88	14.044	3940	3951	3960	rBV	166230	263548	0.47%	0.157%
89	14.086	3960	3964	3977	rVB	31065	44981	0.08%	0.027%
90	14.205	3991	4001	4012	rVB8	12013	31117	0.05%	0.019%
91	14.291	4012	4028	4041	rBV6	13326	28809	0.05%	0.017%
92	14.430	4063	4071	4078	rBV3	16471	24422	0.04%	0.015%
93	14.494	4078	4091	4109	rVV	855507	1387090	2.45%	0.825%
94	14.963	4224	4237	4245	rBV	10926	23457	0.04%	0.014%
95	15.410	4366	4376	4387	rBV	37634	64538	0.11%	0.038%
96	15.545	4405	4418	4438	rBV	765582	1187118	2.10%	0.706%
97	15.889	4513	4525	4537	rBV4	9142	25619	0.05%	0.015%
98	15.954	4538	4545	4555	rVB2	11927	19221	0.03%	0.011%
99	16.092	4577	4588	4599	rBV	62112	99150	0.18%	0.059%
100	16.391	4671	4681	4689	rBV2	37530	61587	0.11%	0.037%

Sum of corrected areas: 168109938

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048323.D
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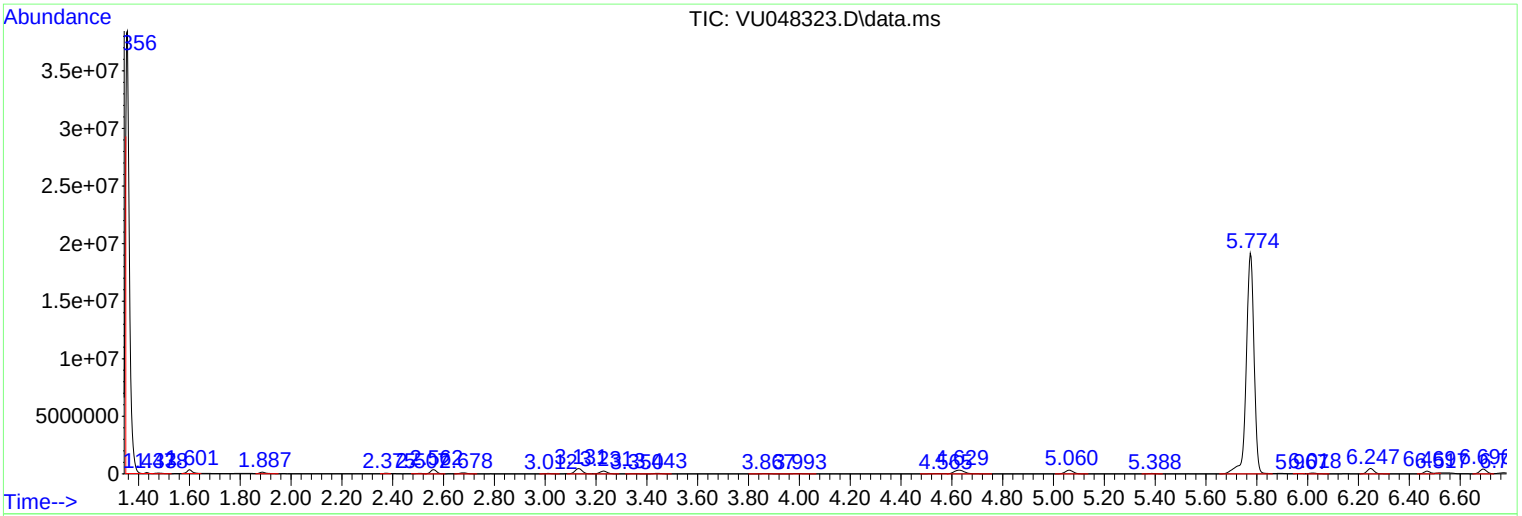
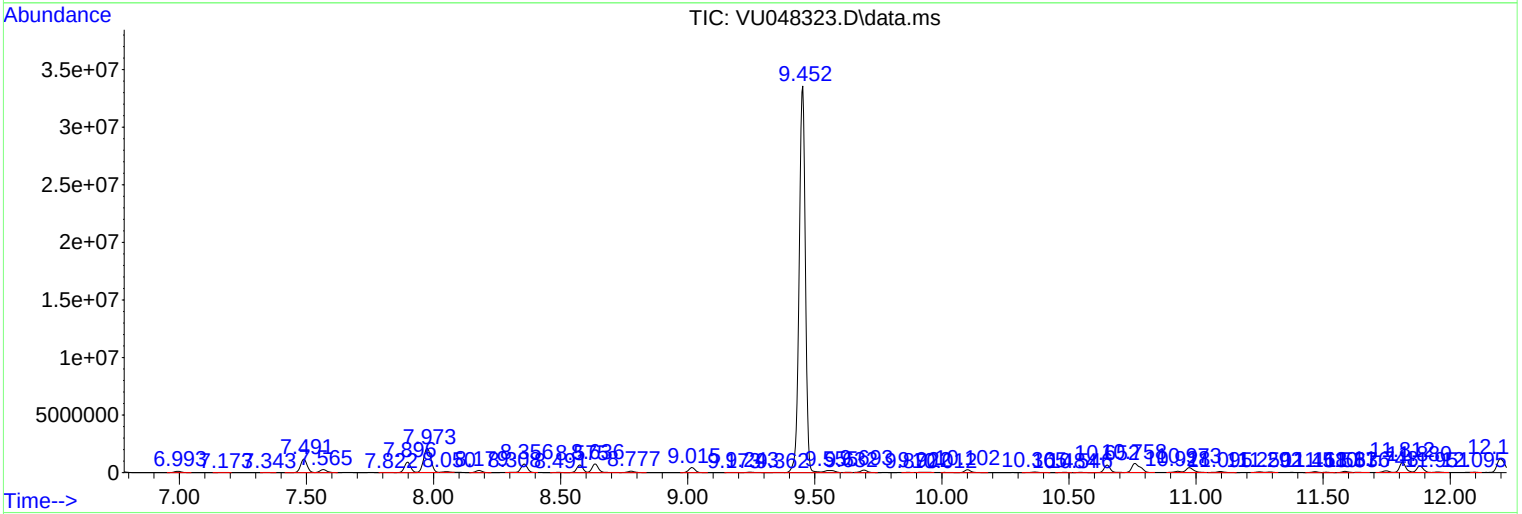
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

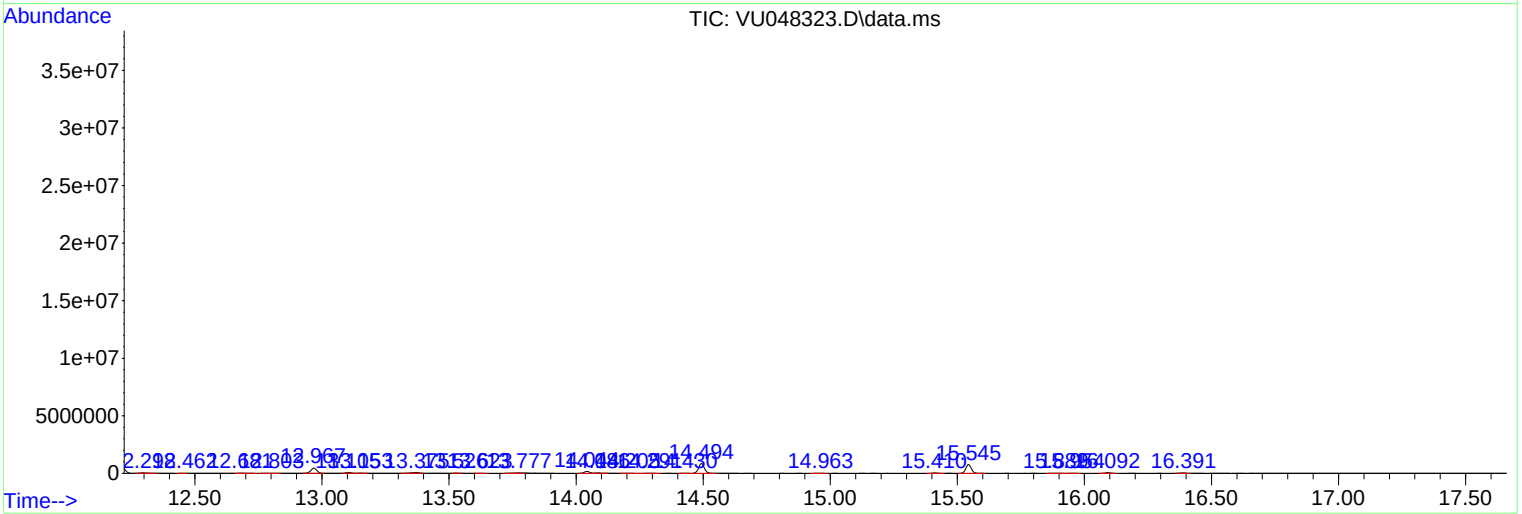
Instrument :
MSVOA_U
ClientSampleId :
EXET7

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 : VU048323.D
Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

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

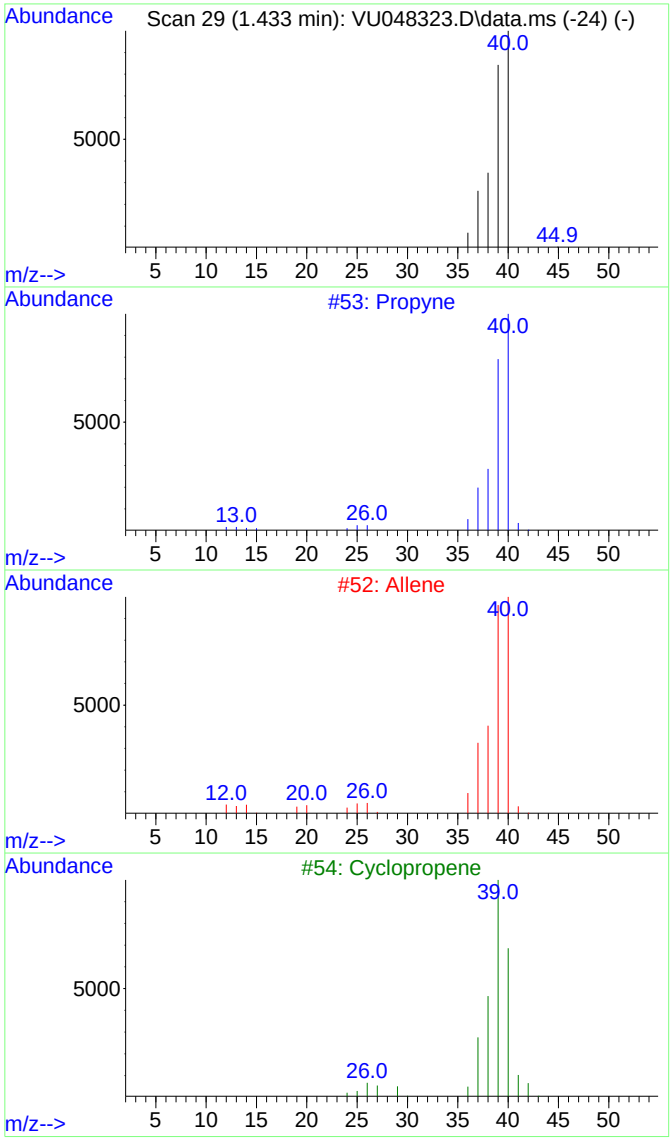
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

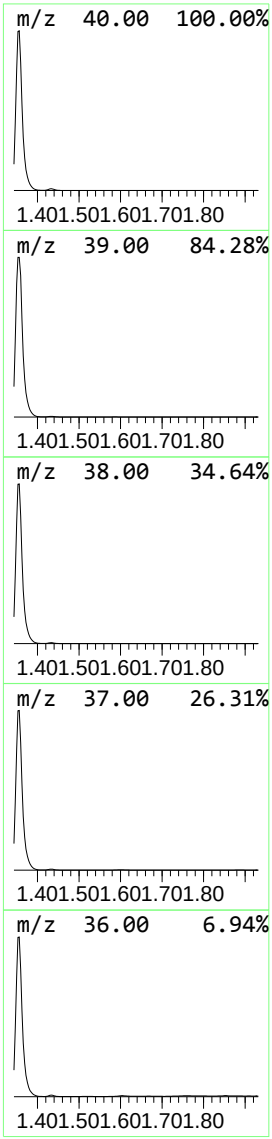
****

Peak Number 1 Propyne Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.433	4.84 ug/L	84564	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propyne	40	C3H4	000074-99-7	90
2	Allene	40	C3H4	000463-49-0	90
3	Cyclopropene	40	C3H4	002781-85-3	43
4	Propane	44	C3H8	000074-98-6	1
5	Propane	44	C3H8	000074-98-6	1





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048323.D
Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

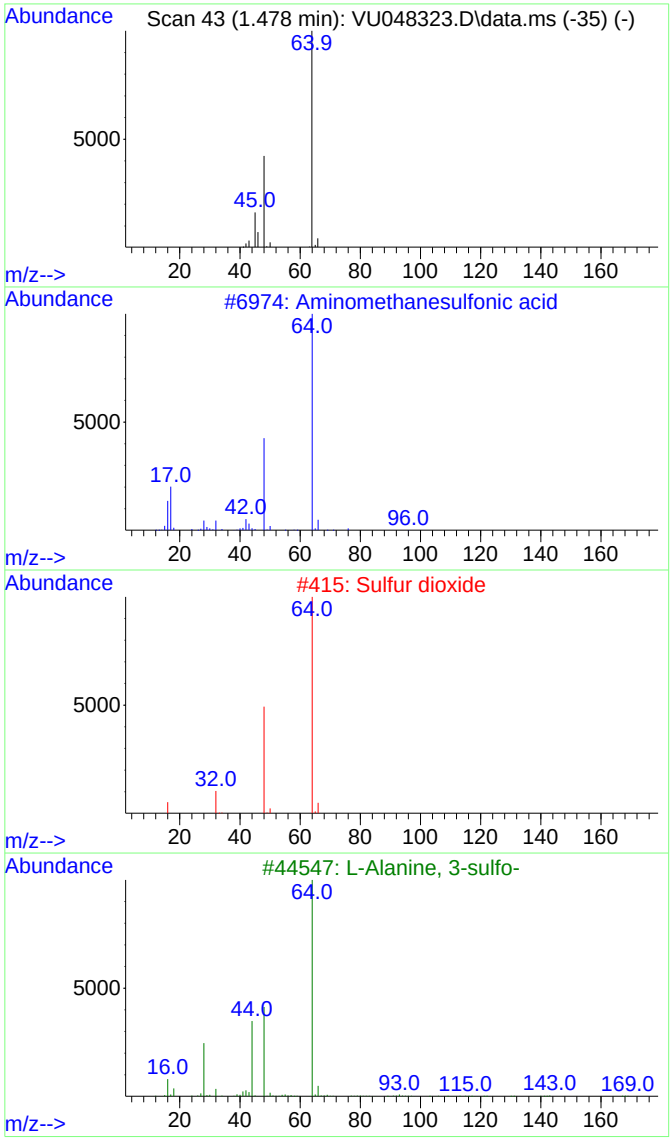
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

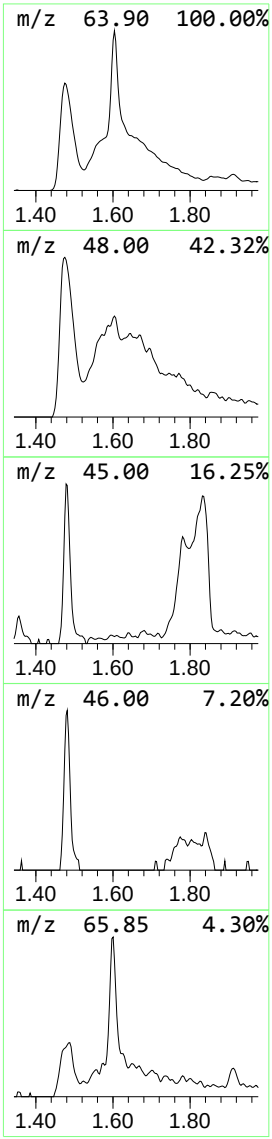
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Aminomethanesulfonic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.478	5.32 ug/L	92821	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	83
2	Sulfur dioxide	64	O2S	007446-09-5	83
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	7
5	Sulfur dioxide	64	O2S	007446-09-5	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
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Acq On : 27 Apr 2022 18:33
Operator : SY/MD
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

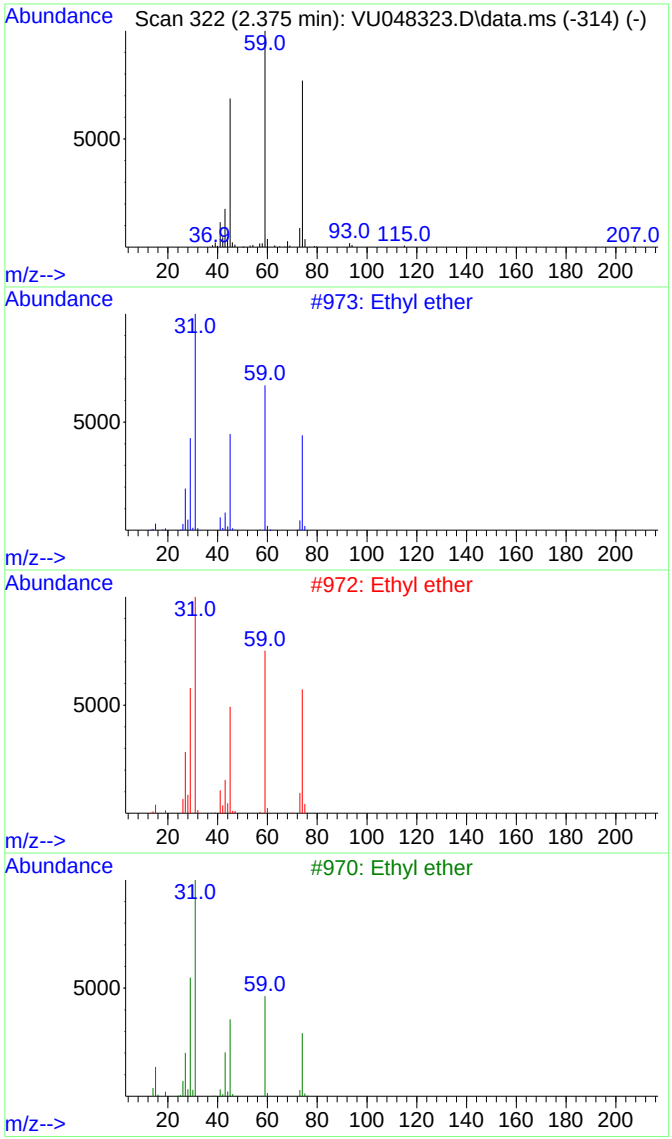
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

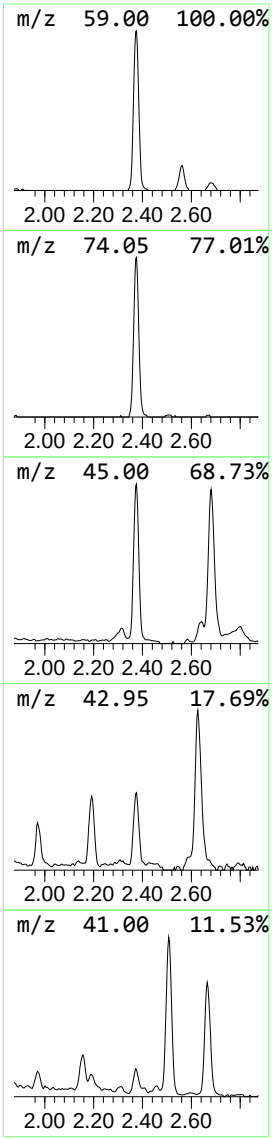
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethyl ether Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.375	3.99 ug/L	69678	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	91
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethyl ether	74	C4H10O	000060-29-7	90
4	Ethyl ether	74	C4H10O	000060-29-7	78
5	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
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Acq On : 27 Apr 2022 18:33
Operator : SY/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

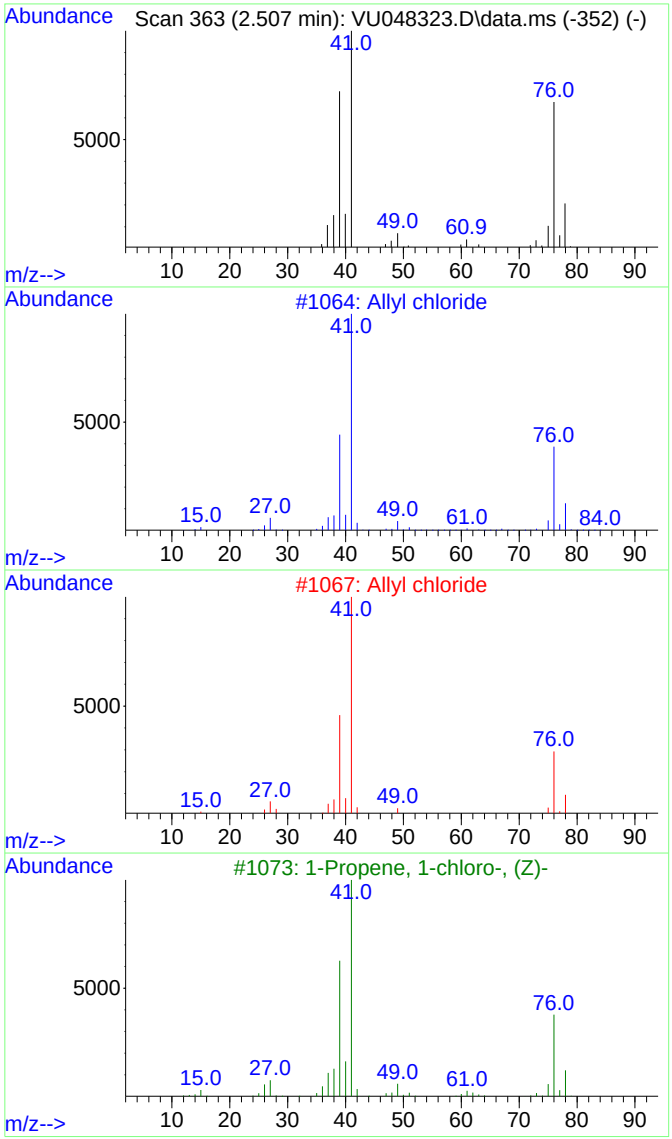
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

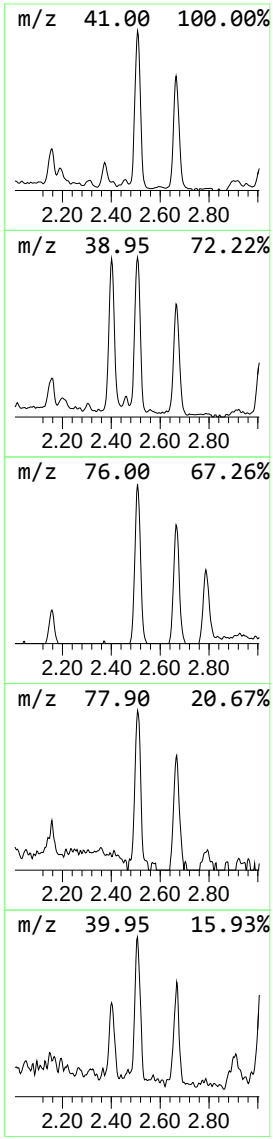
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Allyl chloride Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.507	3.85 ug/L	67173	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allyl chloride	76	C3H5Cl	000107-05-1	86
2	Allyl chloride	76	C3H5Cl	000107-05-1	80
3	1-Propene, 1-chloro-, (Z)-	76	C3H5Cl	016136-84-8	76
4	1-Propene, 1-chloro-	76	C3H5Cl	000590-21-6	76
5	1-Propene, 1-chloro-	76	C3H5Cl	000590-21-6	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048323.D
Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

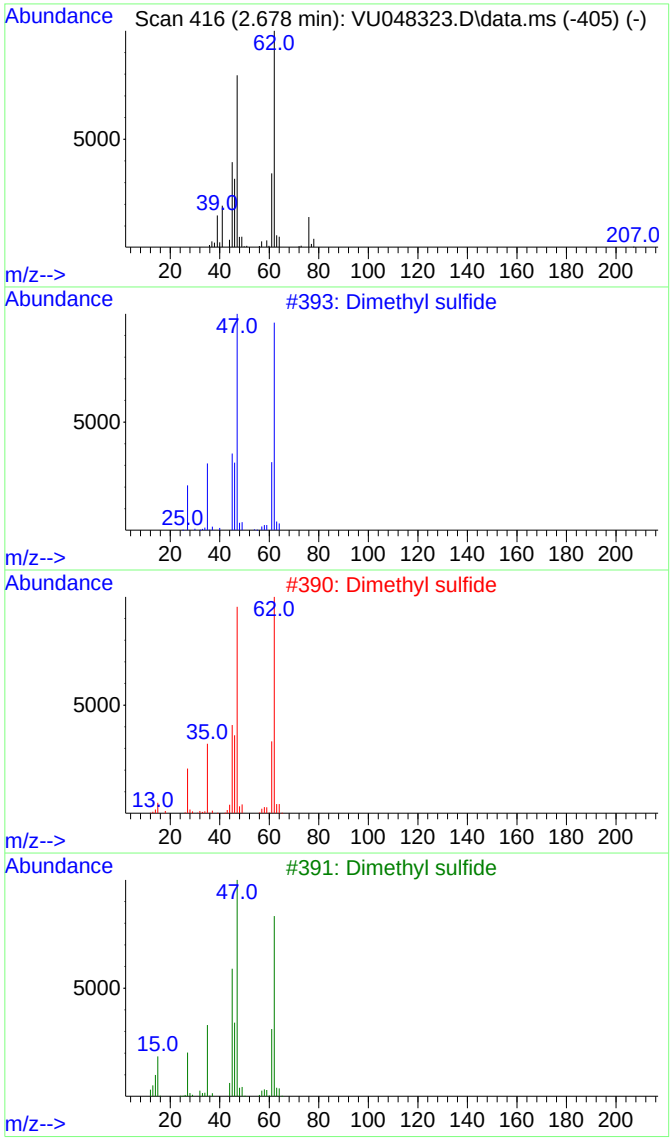
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

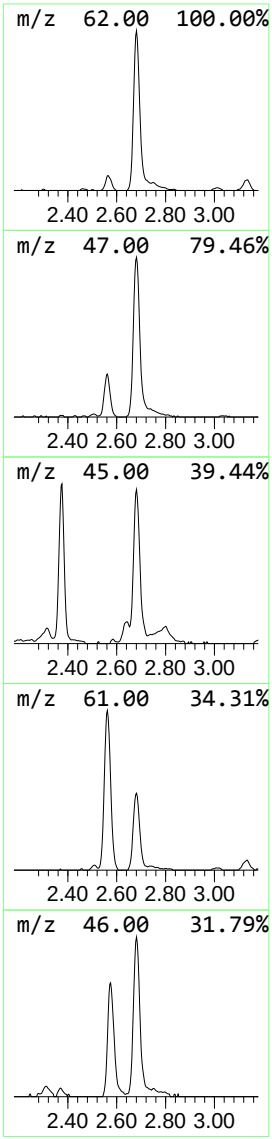
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dimethyl sulfide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.678	9.88 ug/L	172488	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	95
2	Dimethyl sulfide	62	C2H6S	000075-18-3	94
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





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Data File : VU048323.D
Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

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

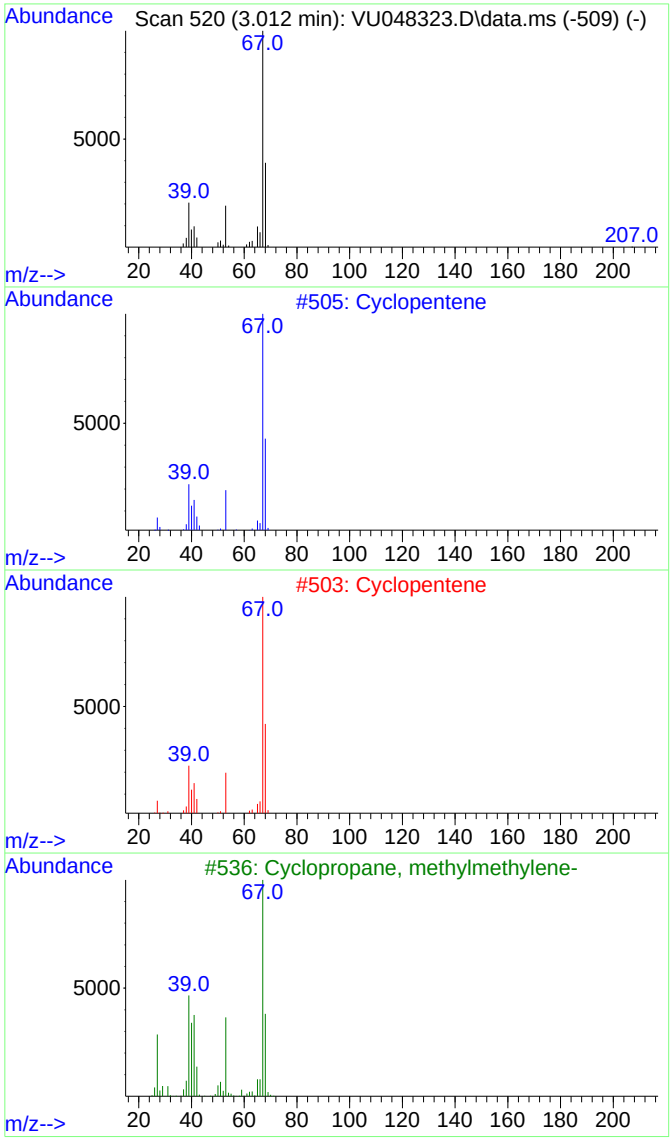
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

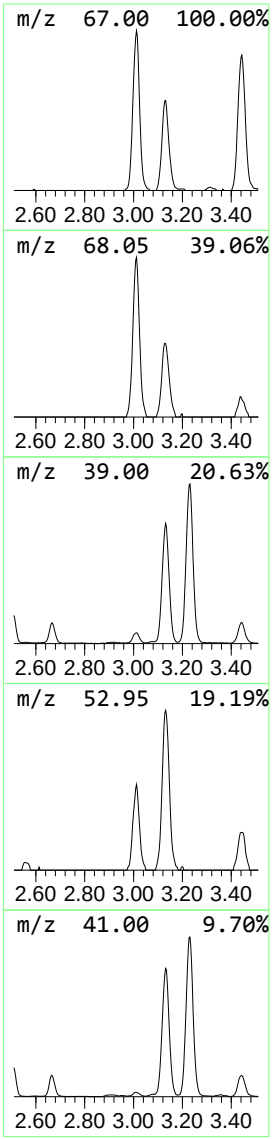
****

Peak Number 6 Cyclopentene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.012	4.18 ug/L	72897	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	91
2	Cyclopentene	68	C5H8	000142-29-0	91
3	Cyclopropane, methylmethylene-	68	C5H8	018631-84-0	90
4	Cyclopentene	68	C5H8	000142-29-0	90
5	Cyclopentene	68	C5H8	000142-29-0	90





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Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

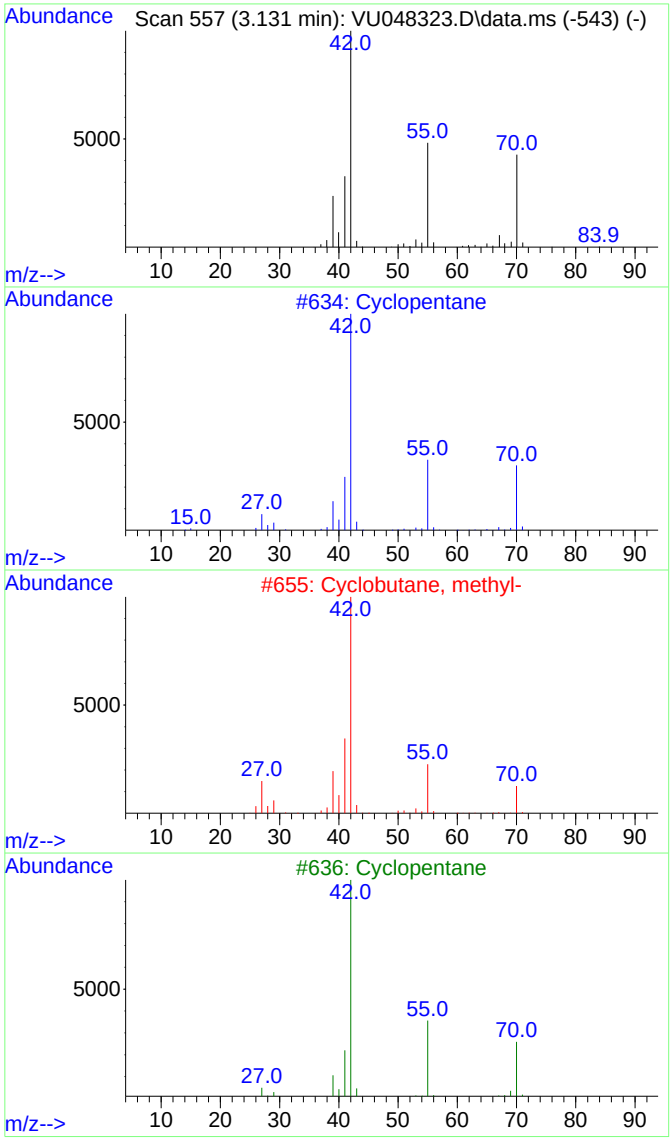
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

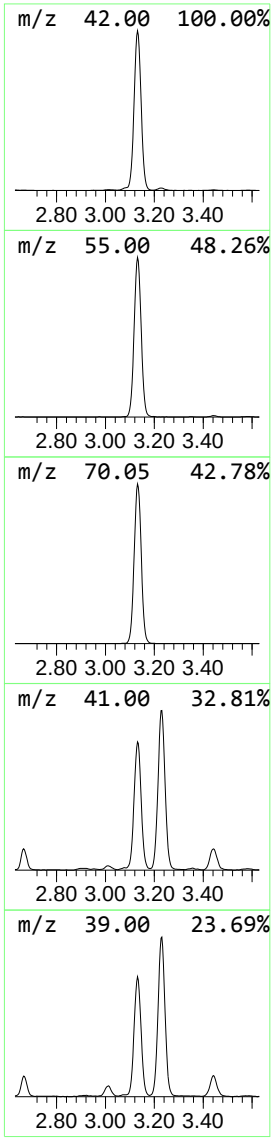
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic3.131 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.131	53.37 ug/L	931579	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	86
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	86
3	Cyclopentane	70	C5H10	000287-92-3	86
4	Cyclopentane	70	C5H10	000287-92-3	78
5	Cyclobutane, methyl-	70	C5H10	000598-61-8	72





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Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

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

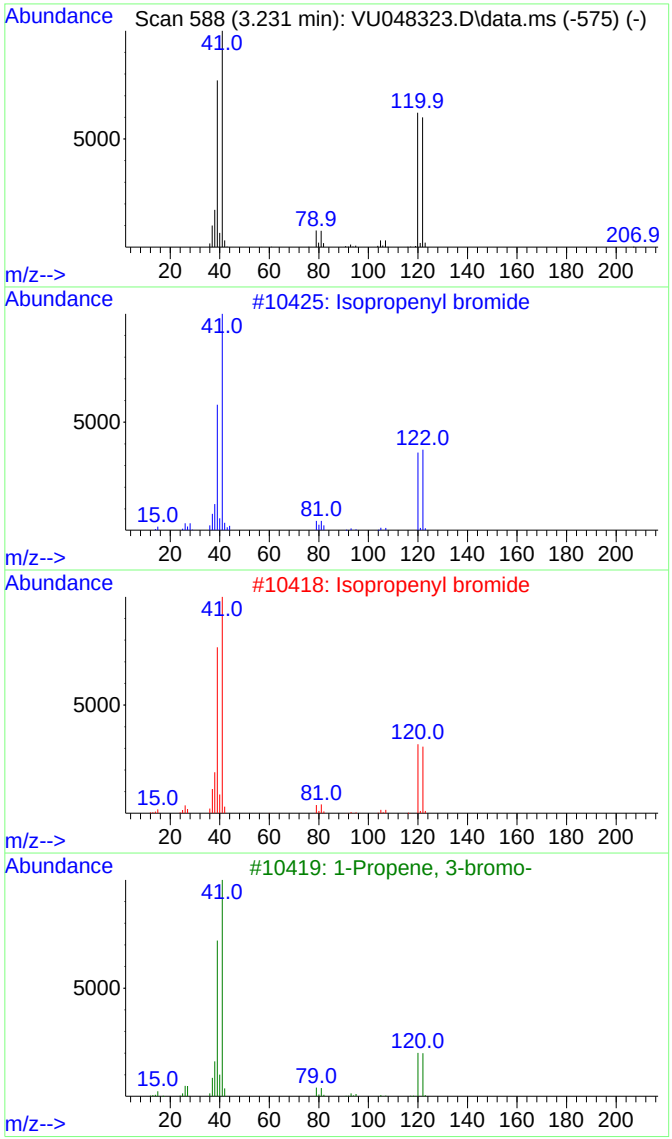
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

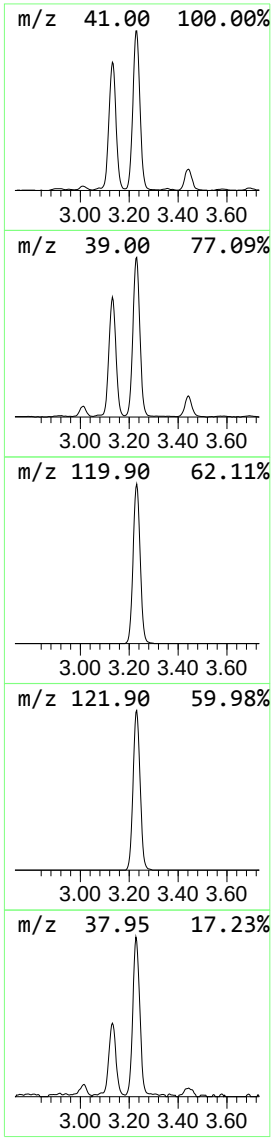
****

Peak Number 8 Isopropenyl bromide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.231	27.99 ug/L	488575	1,4-Difluorobenzene	6.247

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	1-Propene, 3-bromo-	120	C3H5Br	000106-95-6	90
4	Cyclopropyl bromide	120	C3H5Br	004333-56-6	83
5	1-Propene, 1-bromo-	120	C3H5Br	000590-14-7	83





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Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

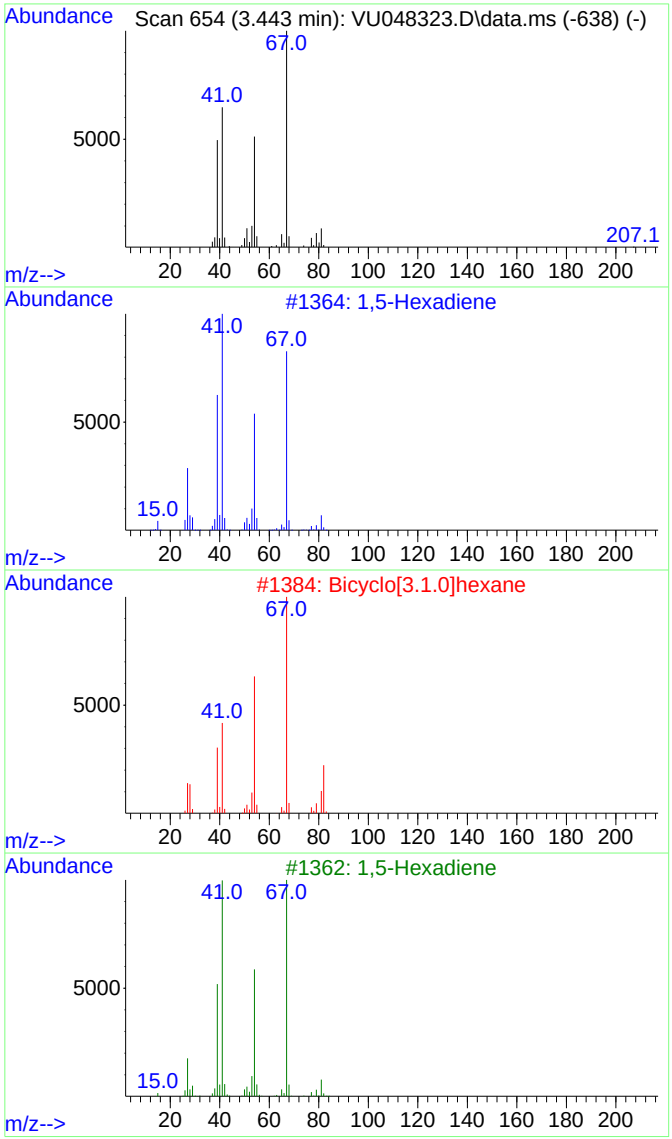
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

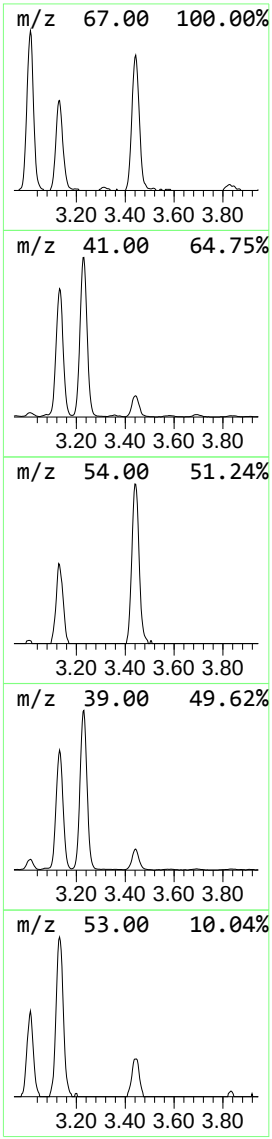
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,5-Hexadiene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.443	5.57 ug/L	97188	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Hexadiene	82	C6H10	000592-42-7	68
2	Bicyclo[3.1.0]hexane	82	C6H10	000285-58-5	59
3	1,5-Hexadiene	82	C6H10	000592-42-7	58
4	1,5-Hexadiene	82	C6H10	000592-42-7	58
5	Bicyclo[3.1.0]hexane	82	C6H10	000285-58-5	53





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Data File : VU048323.D
Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

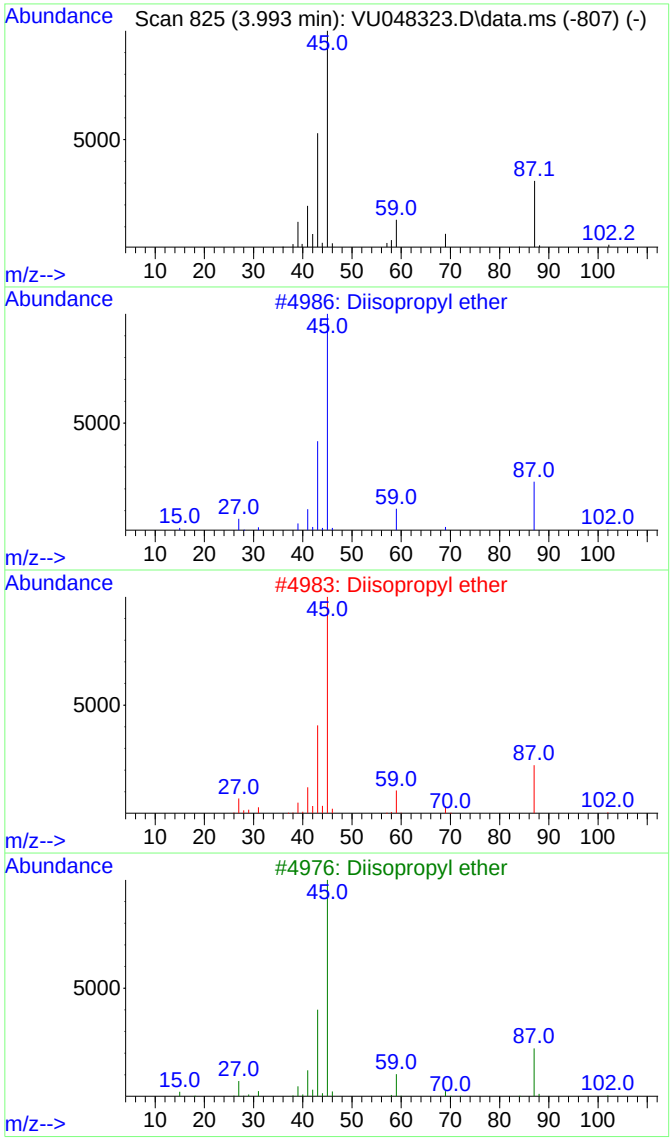
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

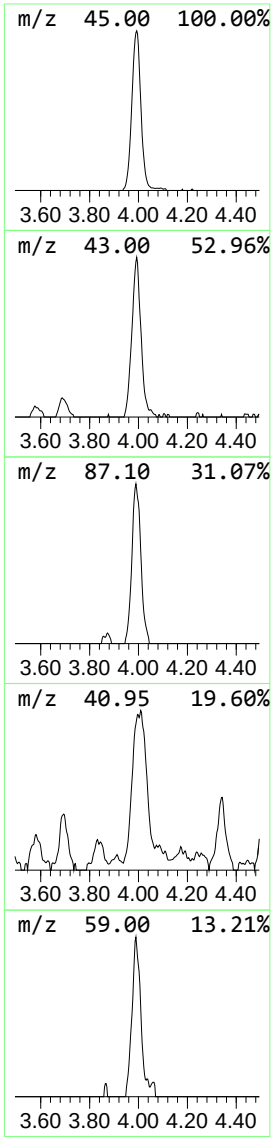
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Diisopropyl ether Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.993	5.94 ug/L	103683	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	86
2	Diisopropyl ether	102	C6H14O	000108-20-3	78
3	Diisopropyl ether	102	C6H14O	000108-20-3	78
4	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	78
5	Diisopropyl ether	102	C6H14O	000108-20-3	64





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Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

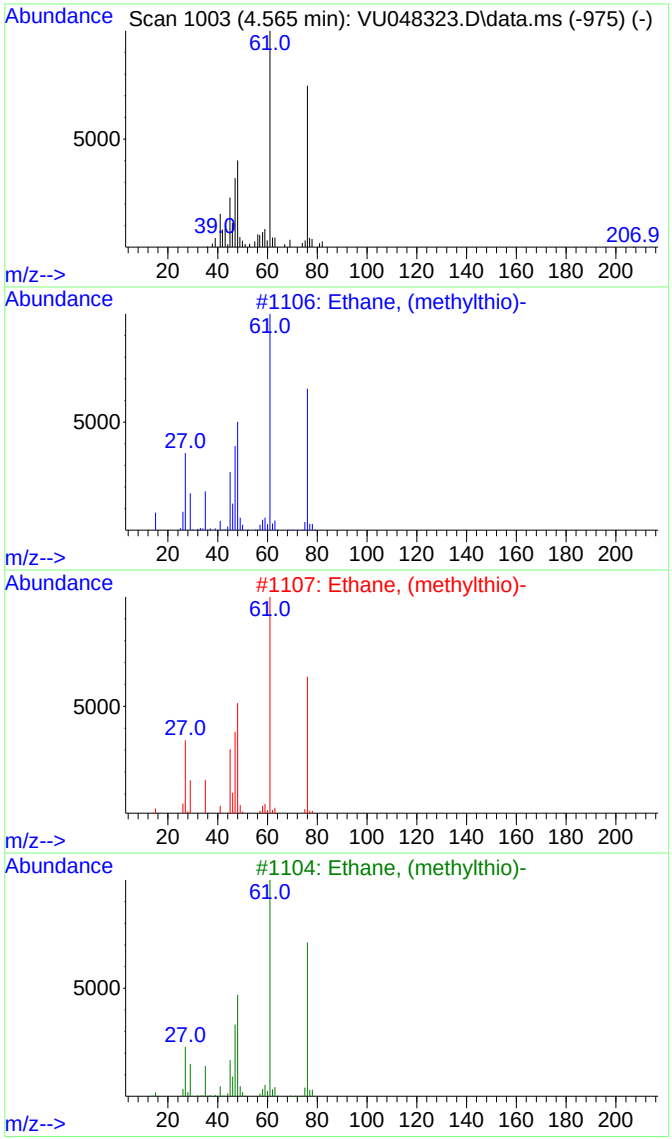
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

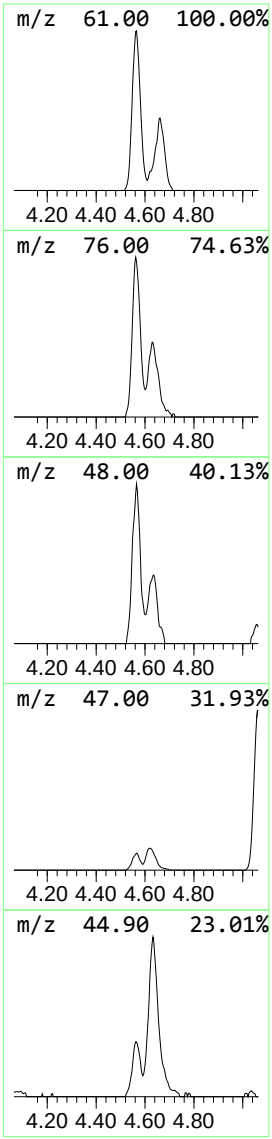
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Ethane, (methylthio)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.565	6.93 ug/L	120916	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, (methylthio)-	76	C3H8S	000624-89-5	95
2	Ethane, (methylthio)-	76	C3H8S	000624-89-5	91
3	Ethane, (methylthio)-	76	C3H8S	000624-89-5	91
4	Ethane, (methylthio)-	76	C3H8S	000624-89-5	91
5	Trimethylphosphine	76	C3H9P	000594-09-2	86





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Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

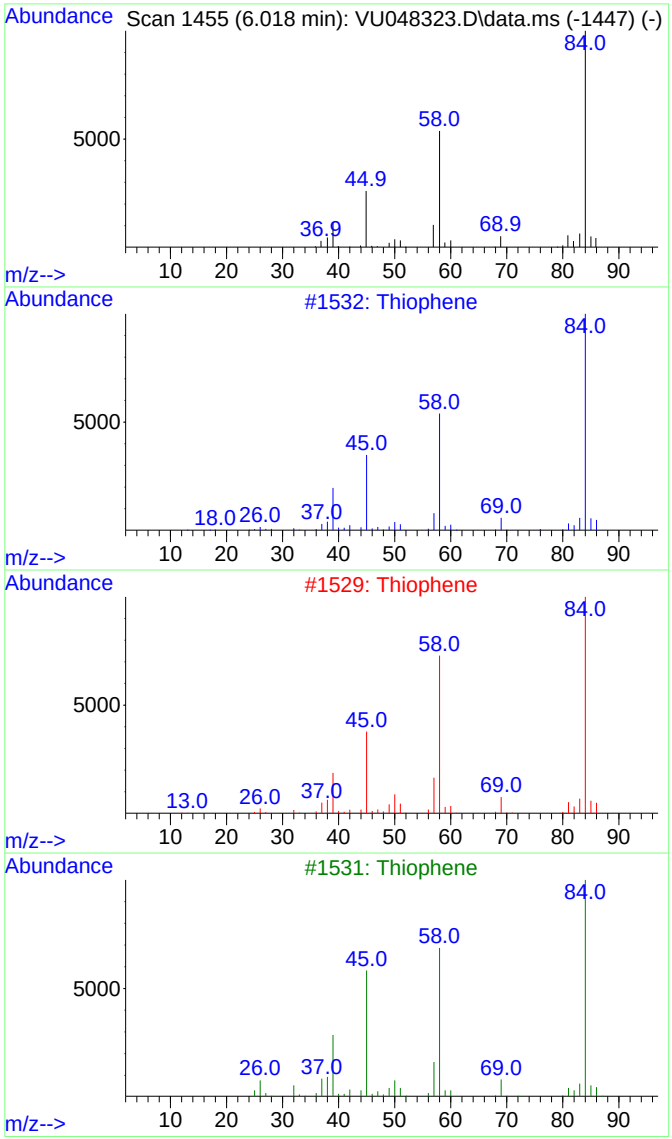
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

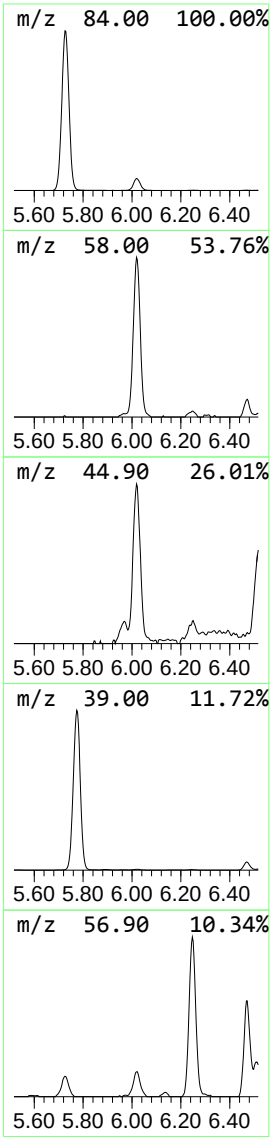
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.018	7.78 ug/L	135835	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene	84	C4H4S	000110-02-1	94
2	Thiophene	84	C4H4S	000110-02-1	91
3	Thiophene	84	C4H4S	000110-02-1	90
4	Thiophene	84	C4H4S	000110-02-1	90
5	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	37





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Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

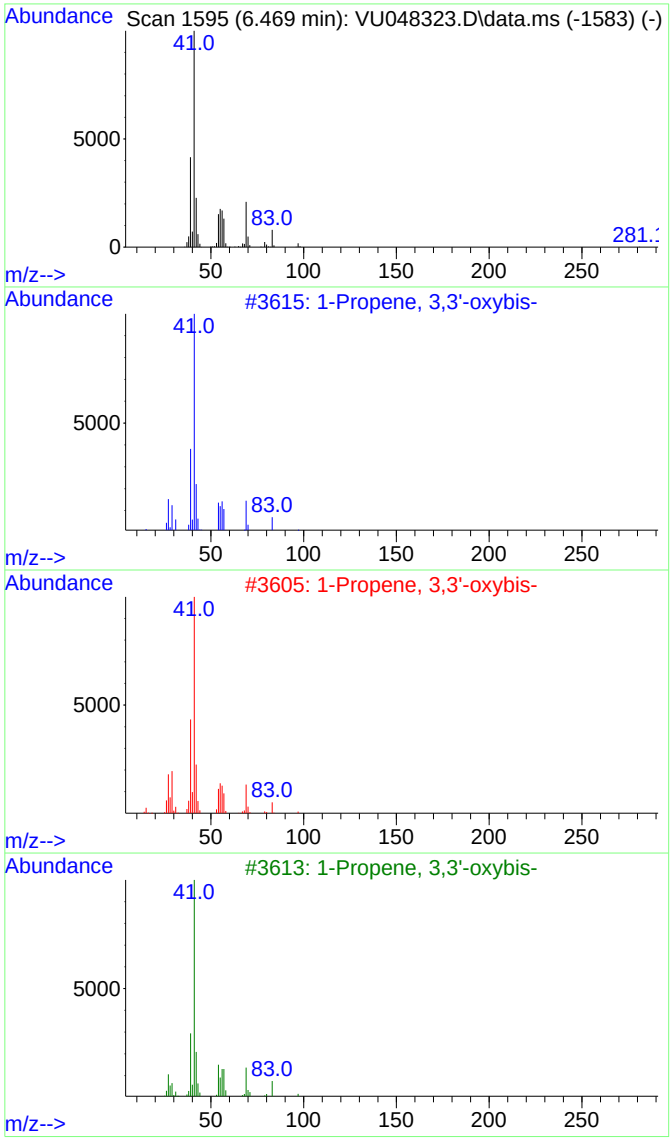
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

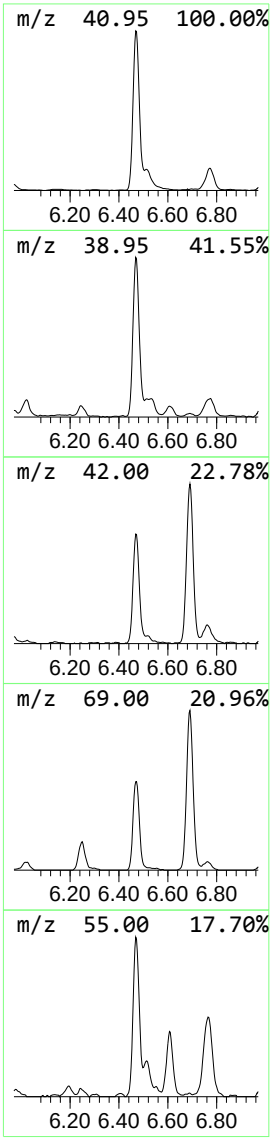
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1-Propene, 3,3'-oxybis- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.469	24.20 ug/L	422382	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	83
2	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	83
3	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	50
4	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	47
5	(Z)-2-Heptene	98	C7H14	006443-92-1	39





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Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

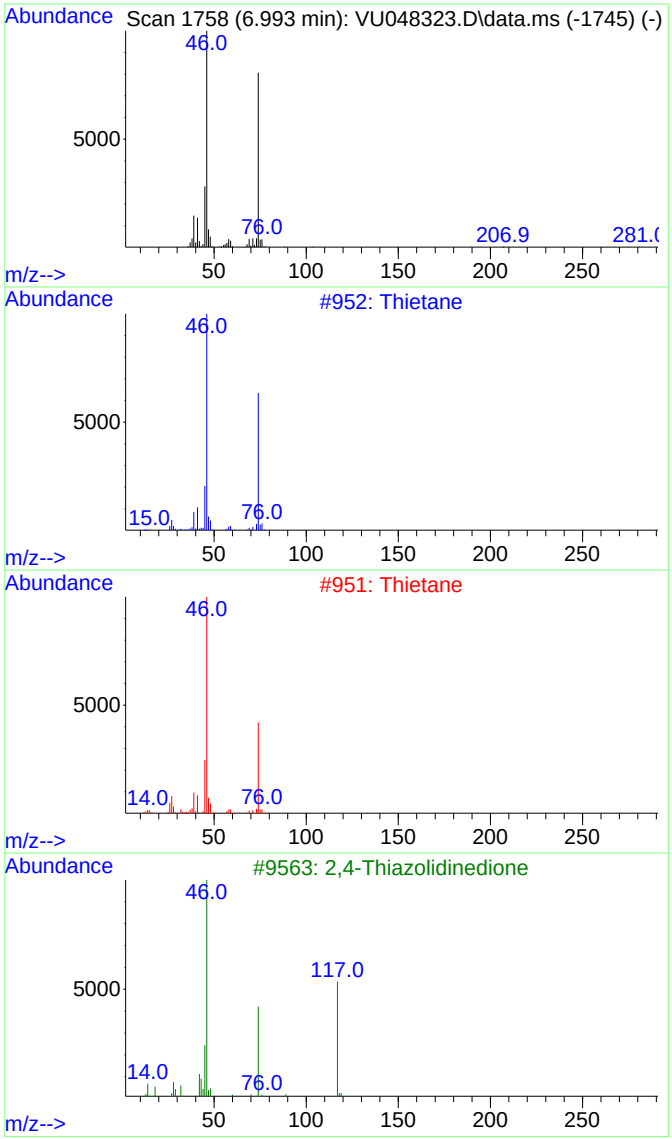
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

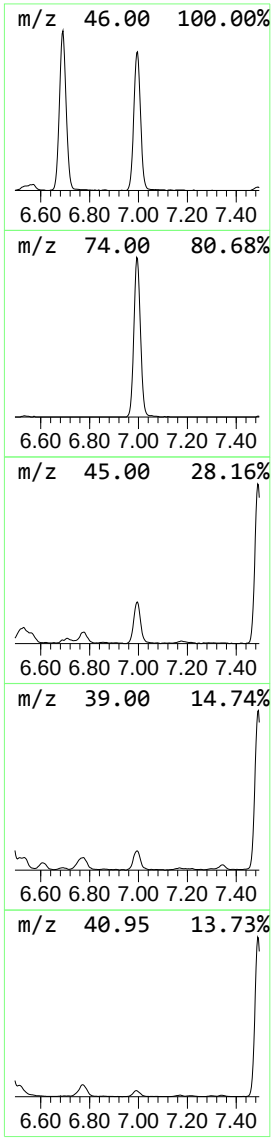
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Thietane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.993	13.09 ug/L	228580	1,4-Difluorobenzene	6.247

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	2,4-Thiazolidinedione	117	C3H3NO2S	002295-31-0	78
4	Diethylhydroxylamine	89	C4H11NO	003710-84-7	39
5	Thiophene-3-carbonitrile, tetrah...	127	C5H5NOS	016563-14-7	25





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Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

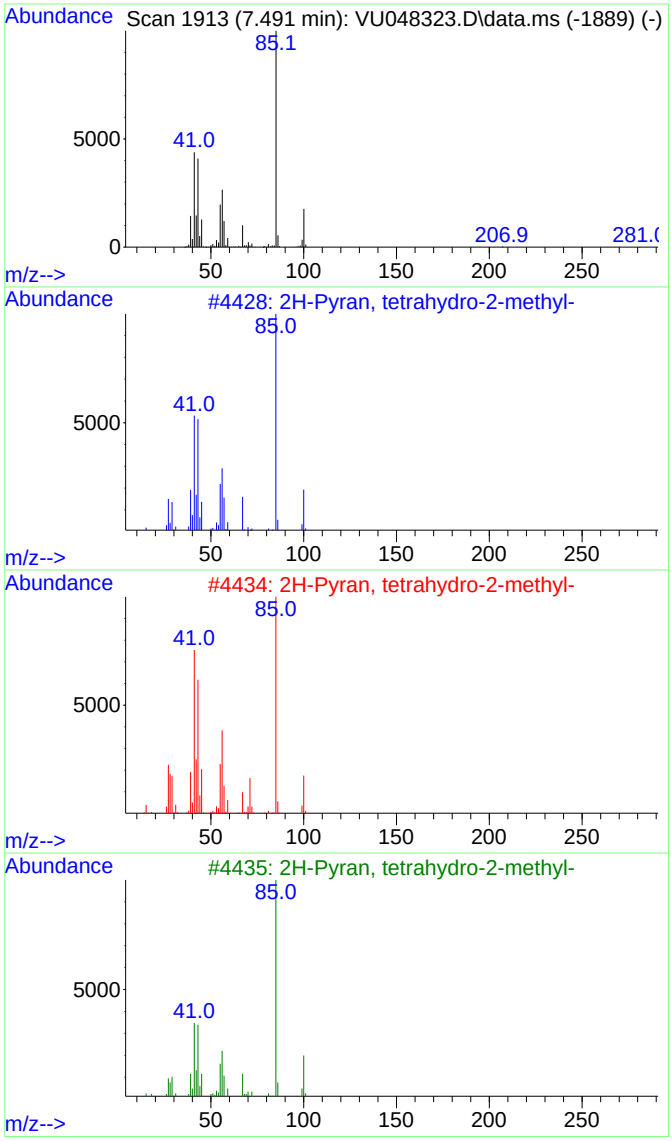
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

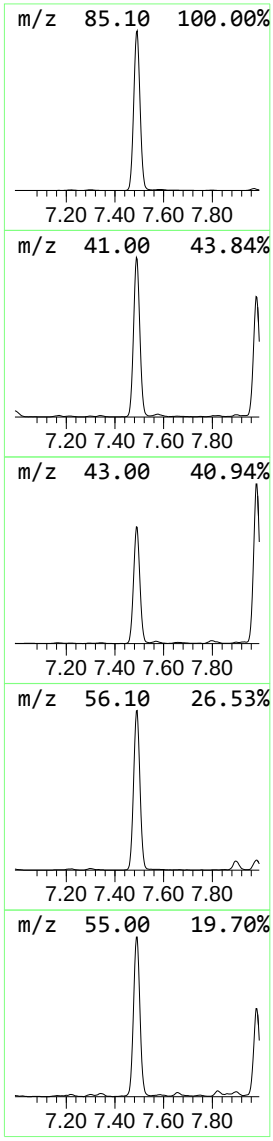
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.491	122.36 ug/L	2136020	1,4-Difluorobenzene	6.247

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	91
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	90
4	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	64
5	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	56





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Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

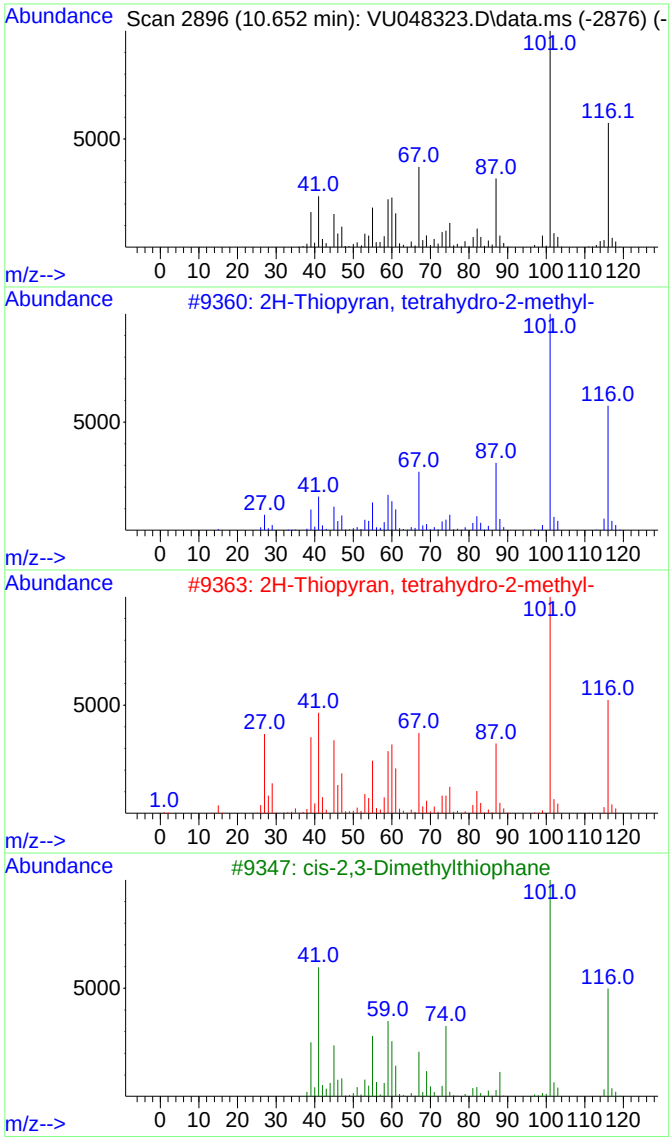
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

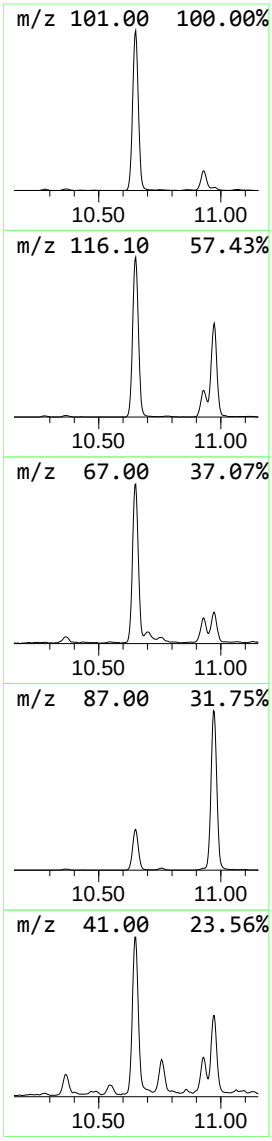
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2H-Thiopyran, tetrahydro-2-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.652	37.44 ug/L	1139740	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	95
3	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	83
4	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	81
5	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048323.D
Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

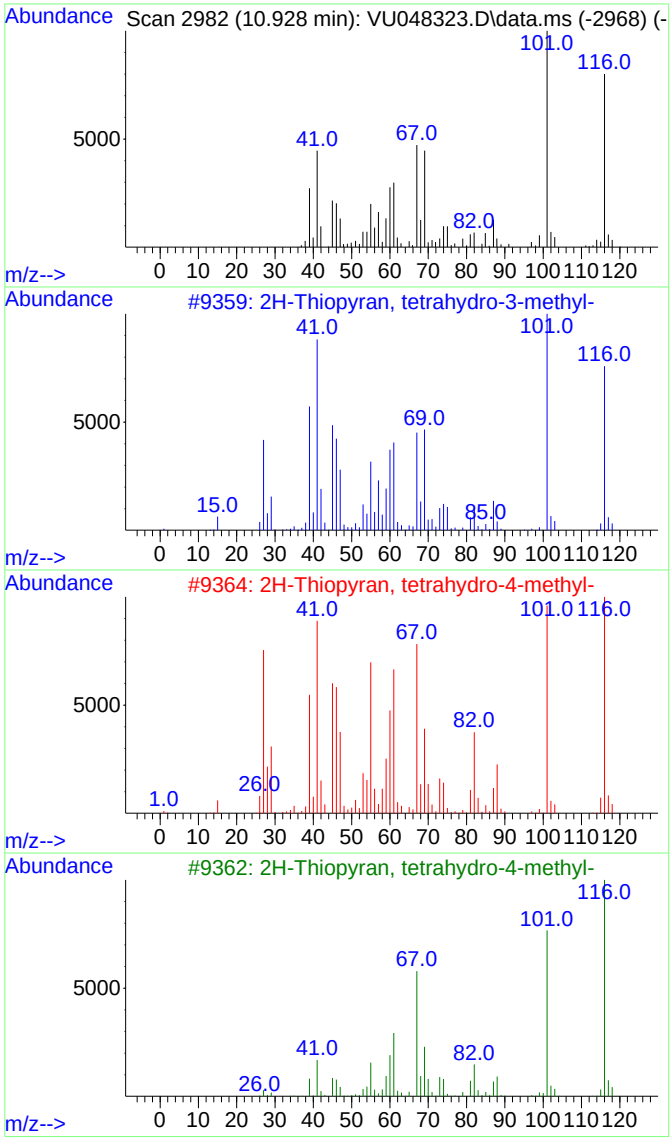
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

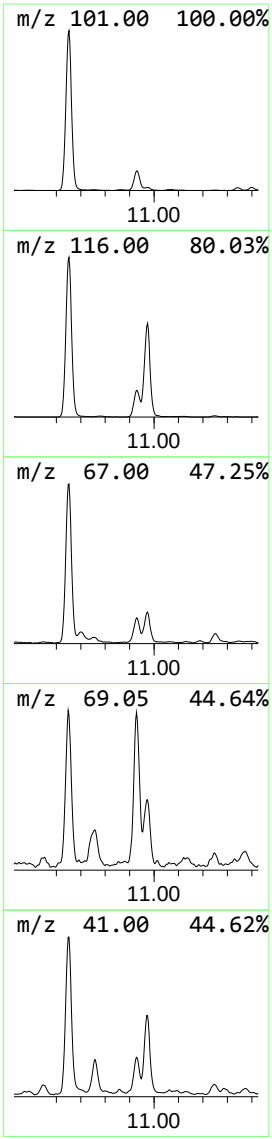
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2H-Thiopyran, tetrahydro-3-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.928	6.55 ug/L	199357	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	87
3	2H-Thiopyran, tetrahydro-4-methyl-	116	C6H12S	005161-17-1	72
4	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	58
5	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048323.D
Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

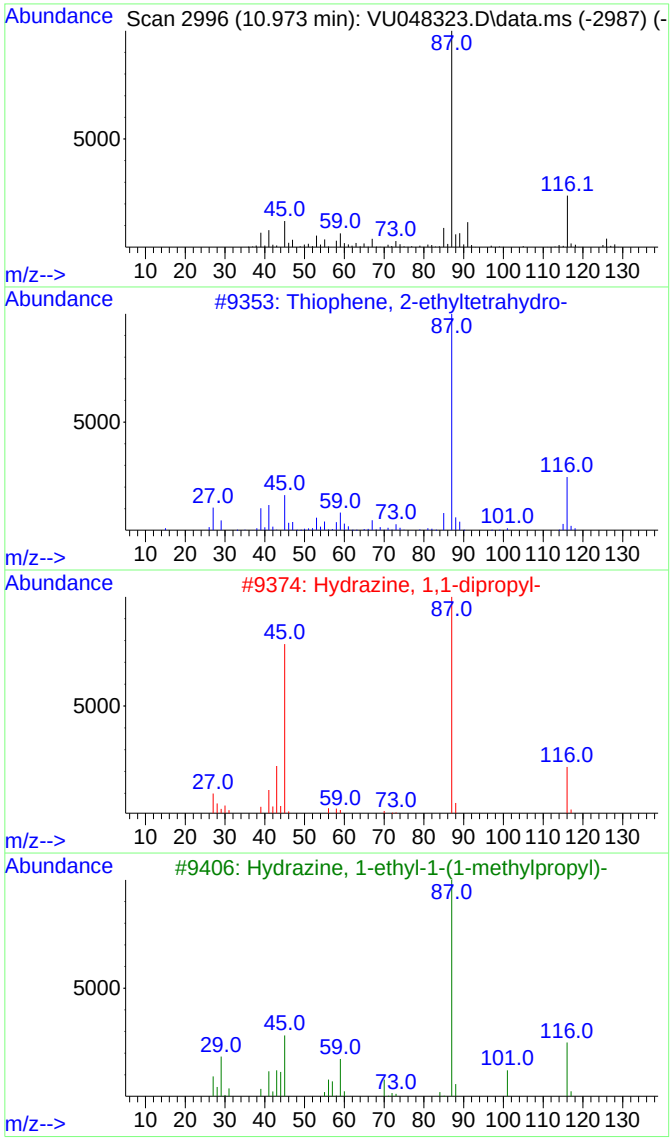
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

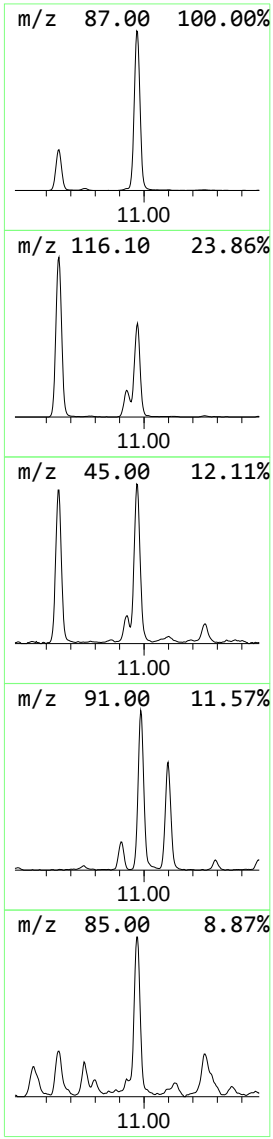
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Thiophene, 2-ethyltetrahydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.973	29.02 ug/L	883197	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	90
2	Hydrazine, 1,1-dipropyl-	116	C6H16N2	004986-50-9	64
3	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	58
4	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	45
5	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	45





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Data File : VU048323.D
Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

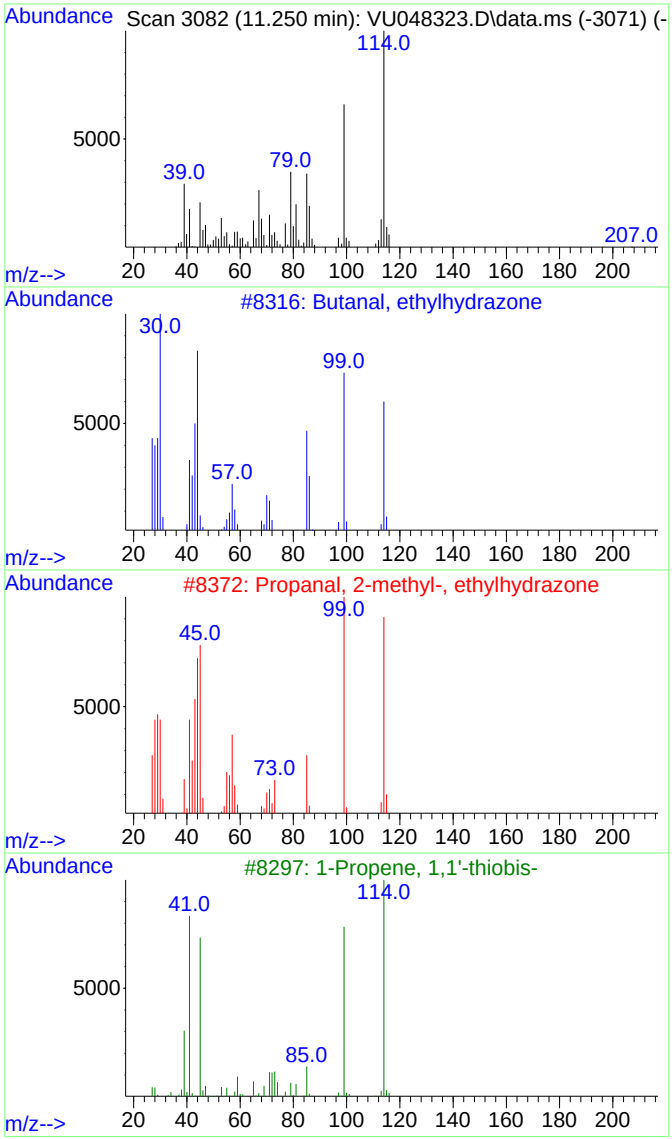
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

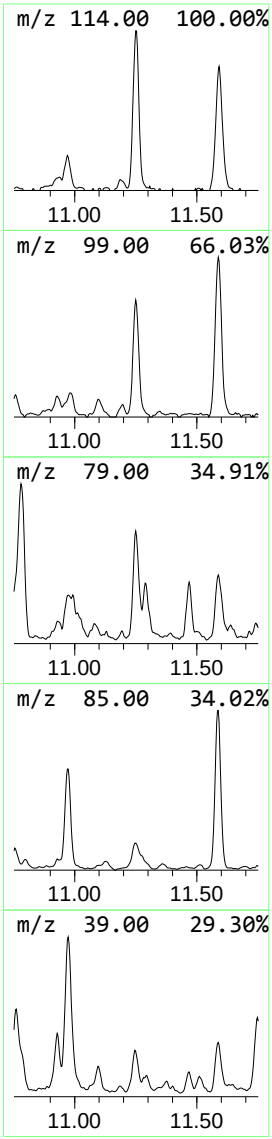
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Butanal, ethylhydrazone Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.250	3.63 ug/L	110553	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal, ethylhydrazone	114	C6H14N2	051576-30-8	53
2	Propanal, 2-methyl-, ethylhydrazone	114	C6H14N2	020607-77-6	47
3	1-Propene, 1,1'-thiobis-	114	C6H10S	033922-80-4	43
4	2-Methoxythiophene	114	C5H6OS	016839-97-7	38
5	2-Methoxythiophene	114	C5H6OS	016839-97-7	38





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Data File : VU048323.D
Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

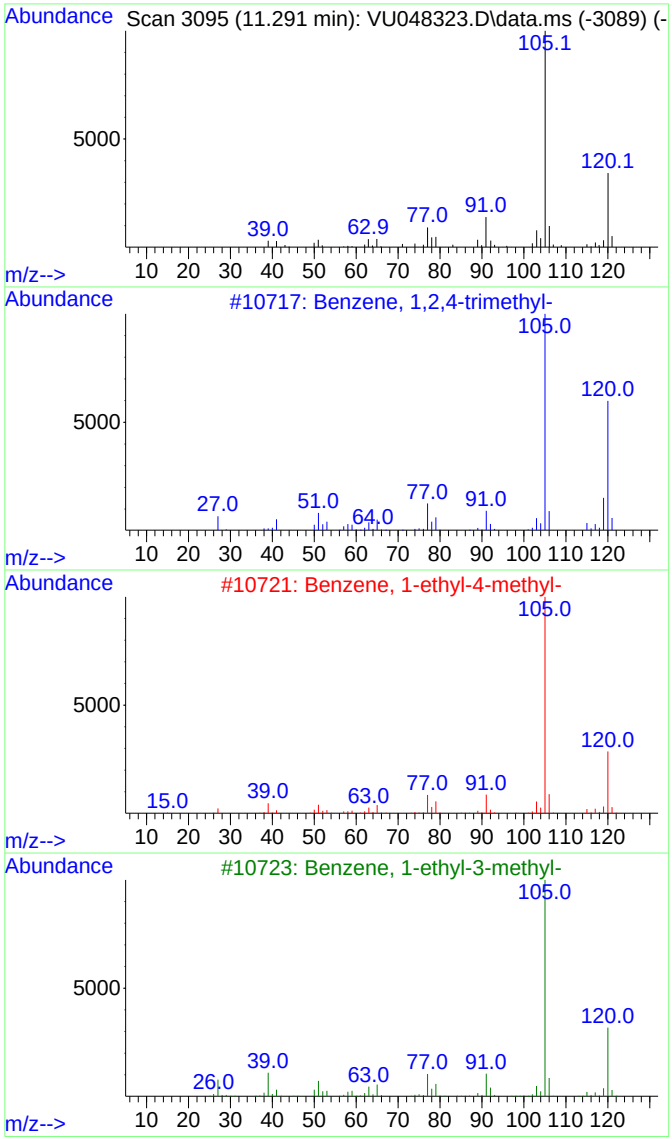
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

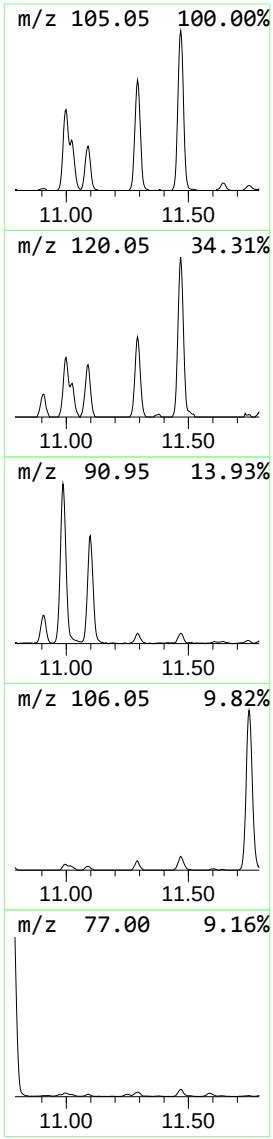
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1-ethyl-4-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	2.65 ug/L	80713	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





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Data File : VU048323.D
Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

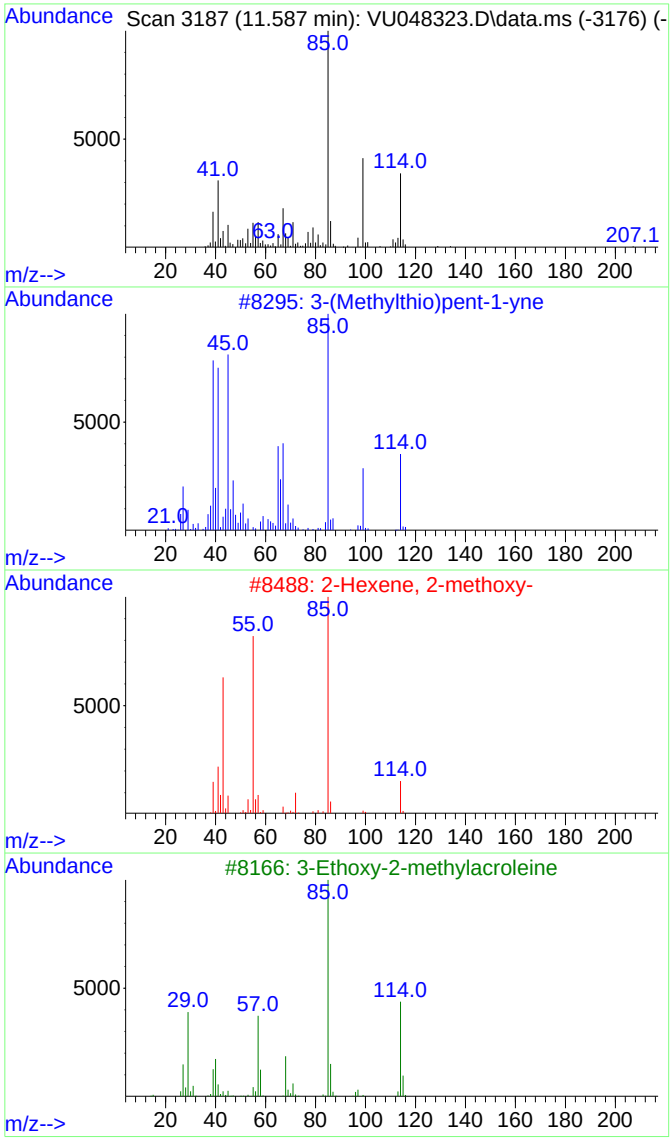
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

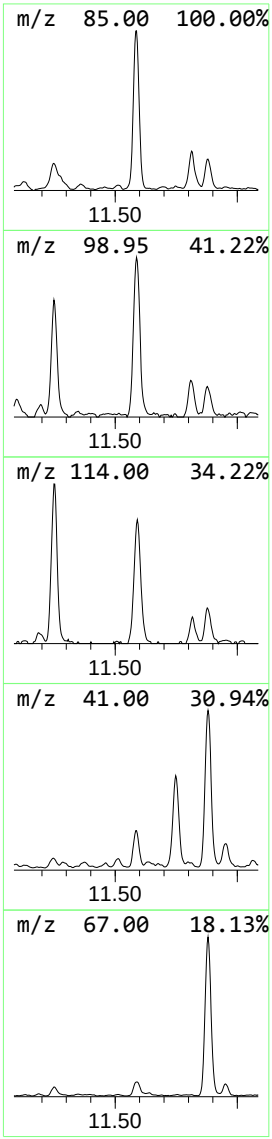
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 3-(Methylthio)pent-1-yne Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.587	5.99 ug/L	182428	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(Methylthio)pent-1-yne	114	C6H10S	1000250-49-9	59
2	2-Hexene, 2-methoxy-	114	C7H14O	061142-45-8	43
3	3-Ethoxy-2-methylacroleine	114	C6H10O2	042588-57-8	40
4	3-Methoxy-2-methyl-1-pentene	114	C7H14O	108811-45-6	38
5	Hexan-2,4-dione, enol	114	C6H10O2	1000202-23-9	38





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Data File : VU048323.D
Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

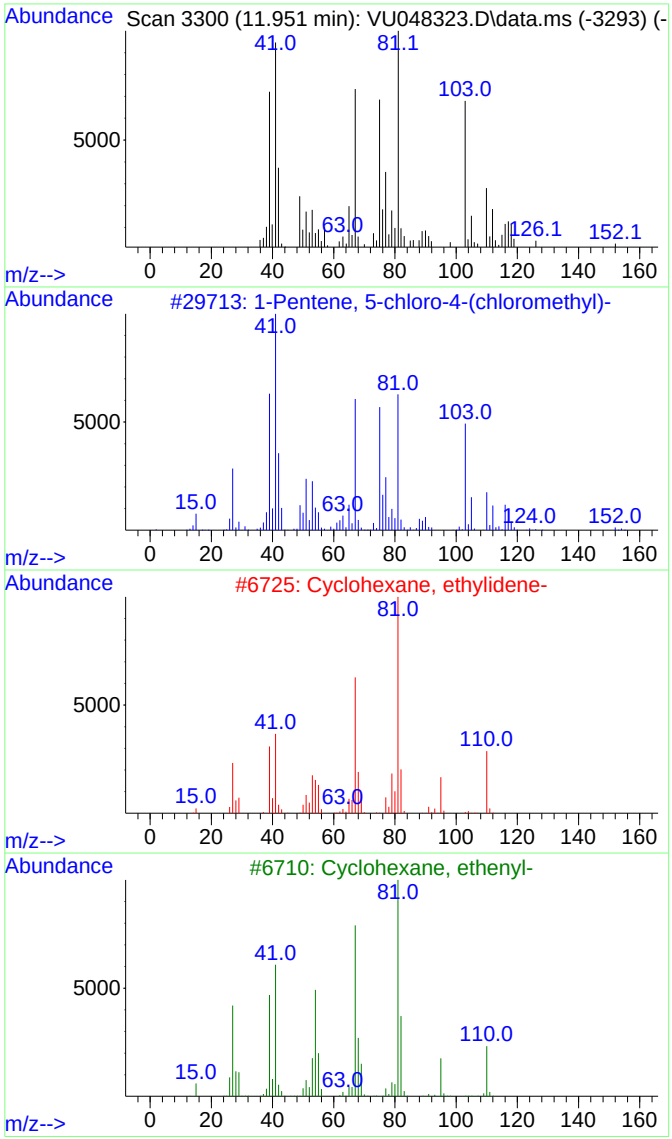
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

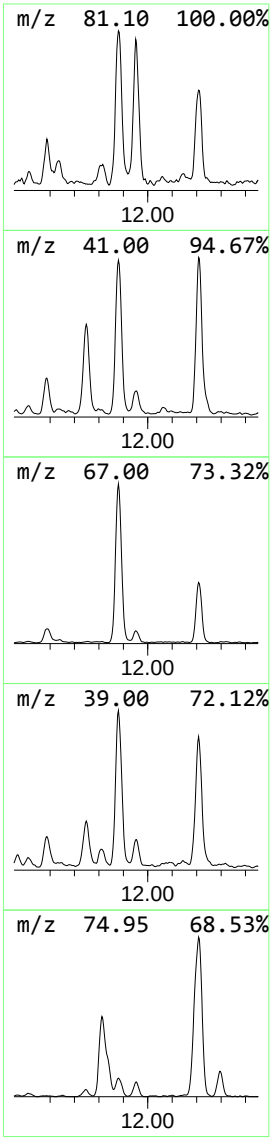
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1-Pentene, 5-chloro-4-(chlo... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	2.73 ug/L	83174	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 5-chloro-4-(chloromet...	152	C6H10Cl2	027990-74-5	50
2	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	38
3	Cyclohexane, ethenyl-	110	C8H14	000695-12-5	35
4	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	18
5	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
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Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

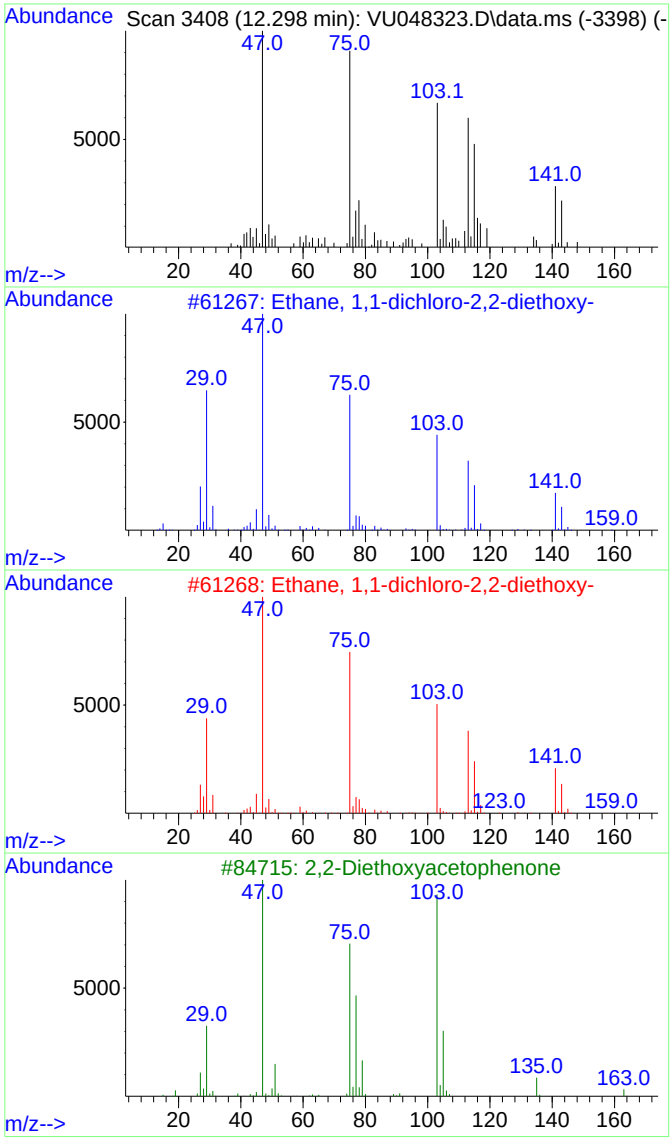
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

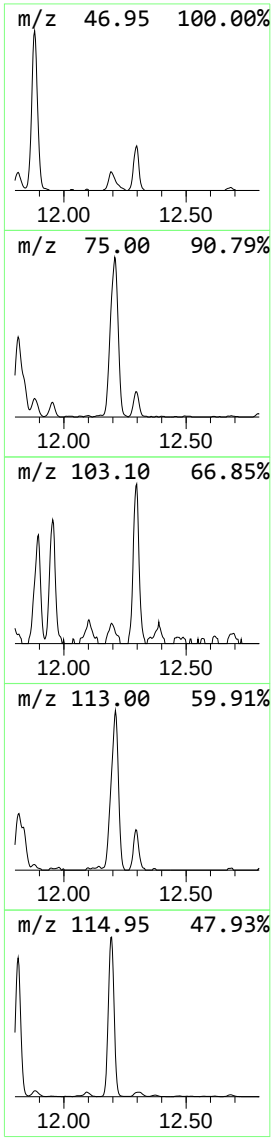
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Ethane, 1,1-dichloro-2,2-di... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.298	2.77 ug/L	84237	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-dichloro-2,2-diethoxy-	186	C6H12Cl2O2	000619-33-0	83
2	Ethane, 1,1-dichloro-2,2-diethoxy-	186	C6H12Cl2O2	000619-33-0	78
3	2,2-Diethoxyacetophenone	208	C12H16O3	006175-45-7	43
4	Acetic acid, diethoxy-, ethyl ester	176	C8H16O4	006065-82-3	43
5	Acetic acid, diethoxy-, ethyl ester	176	C8H16O4	006065-82-3	43





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Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

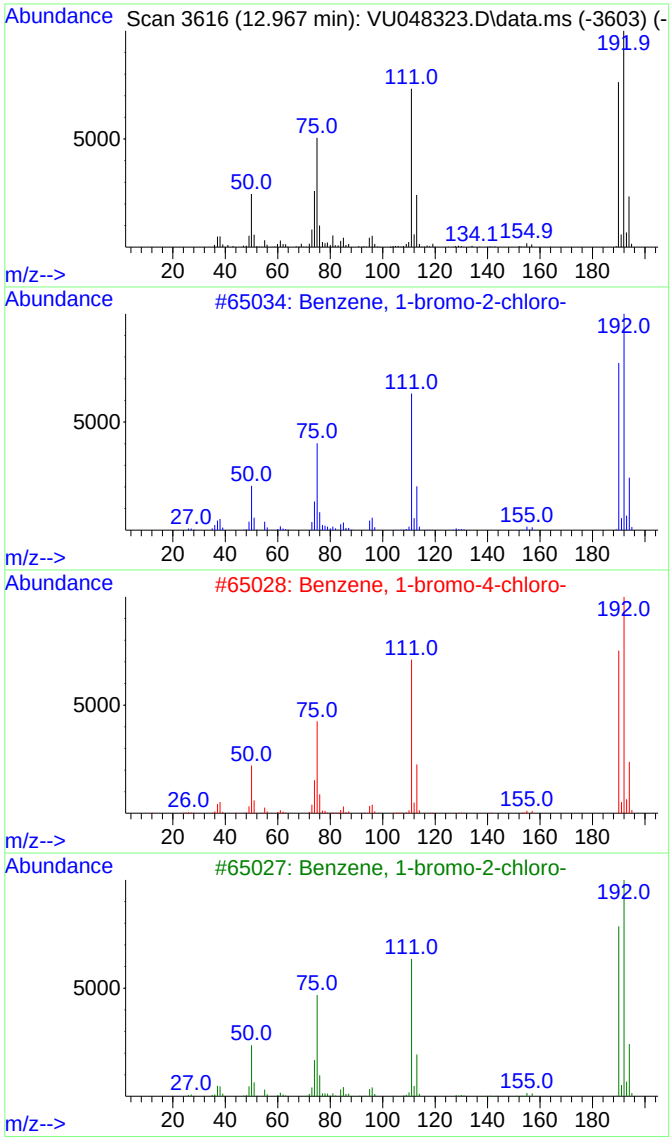
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

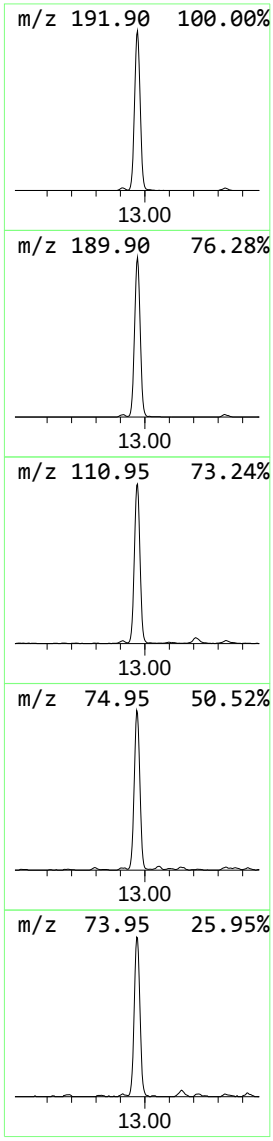
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1-bromo-2-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.967	24.63 ug/L	749701	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	99
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98





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Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

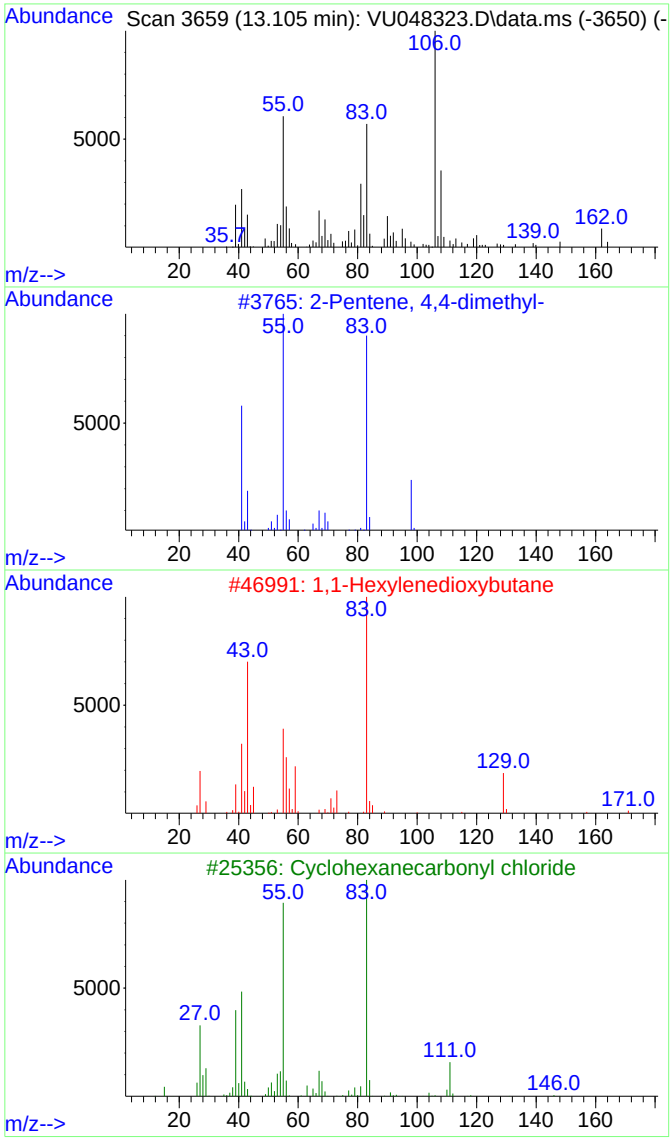
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

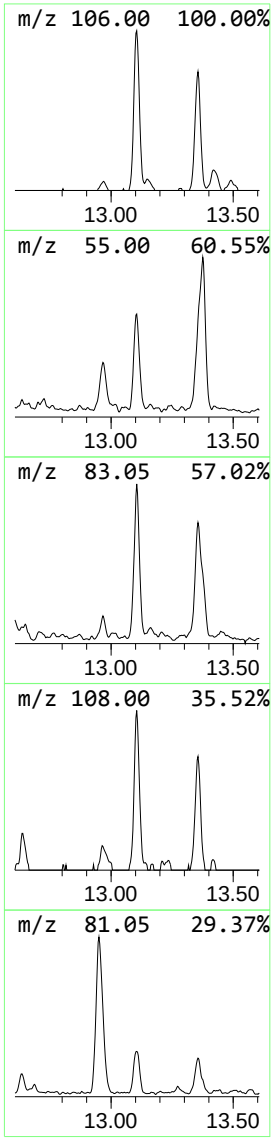
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.105	2.79 ug/L	84874	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	11
2	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	10
3	Cyclohexanecarbonyl chloride	146	C7H11ClO	002719-27-9	10
4	Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	10
5	2(5H)-Furanone, 5-(2-methyl-2-pr...	138	C8H10O2	1000155-86-2	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048323.D
Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

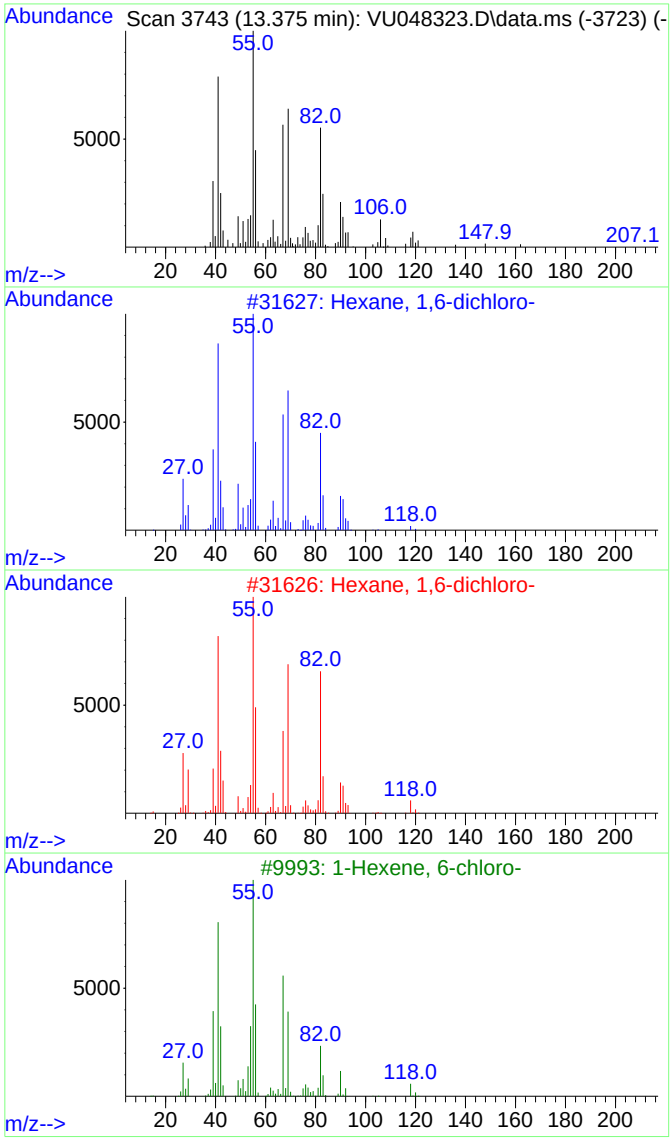
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

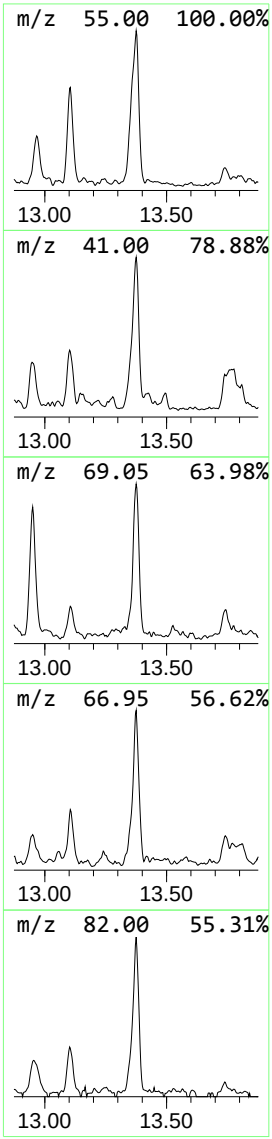
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Hexane, 1,6-dichloro- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.375	5.25 ug/L	159856	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	72
2	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	59
3	1-Hexene, 6-chloro-	118	C6H11Cl	000928-89-2	58
4	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	30
5	Cyclopropane, (1-methylethylidene)-	82	C6H10	004741-86-0	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048323.D
Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

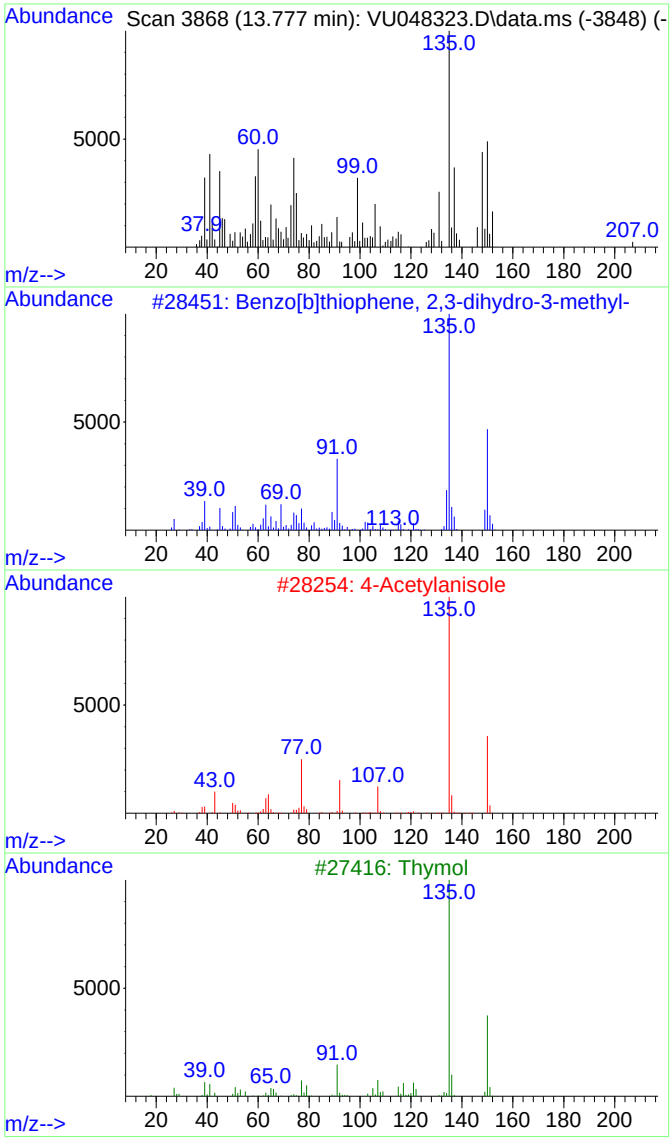
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

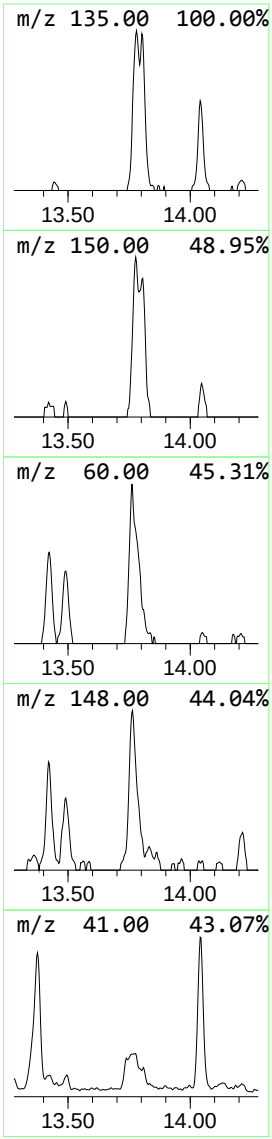
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.777	4.47 ug/L	136018	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-3...	150	C9H10S	006383-15-9	38
2	4-Acetylanisole	150	C9H10O2	000100-06-1	25
3	Thymol	150	C10H14O	000089-83-8	25
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	25
5	3-Ethylbenzoic acid	150	C9H10O2	000619-20-5	25





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Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

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

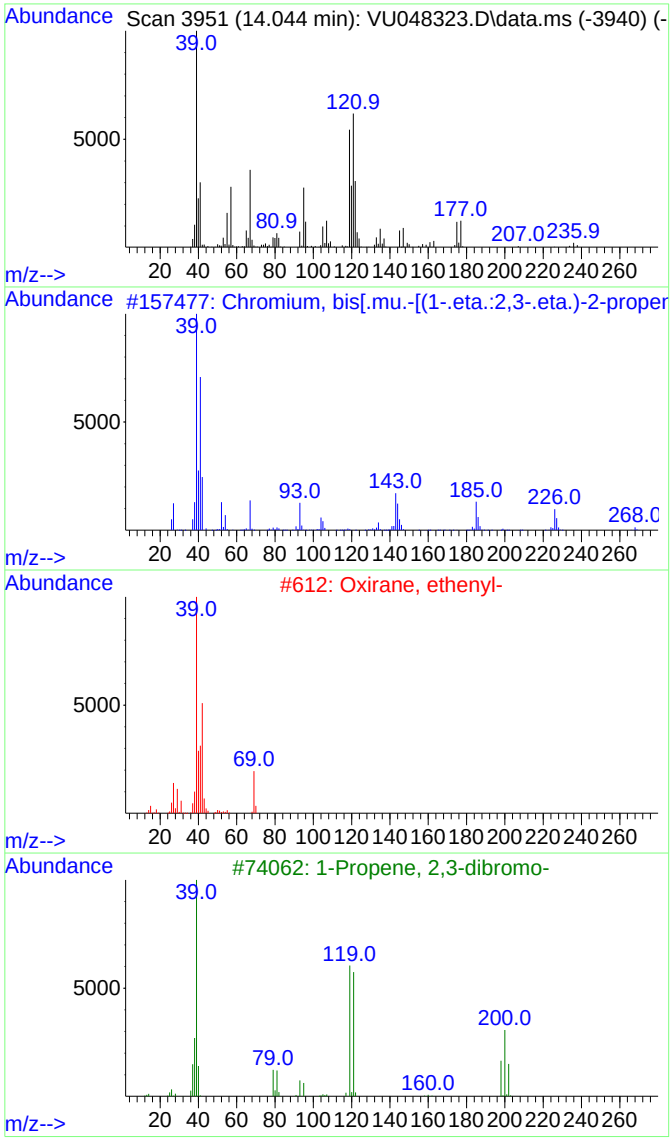
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

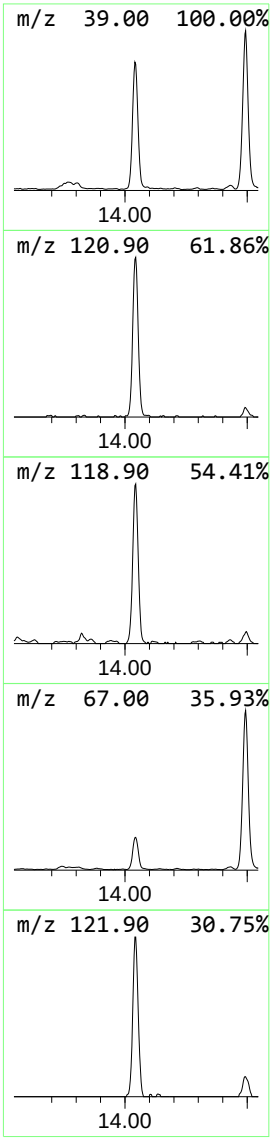
****

Peak Number 29 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.044	8.66 ug/L	263548	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chromium, bis[.mu.-[(1-.eta.:2,3...	268	C12H20Cr2	012295-17-9	40
2	Oxirane, ethenyl-	70	C4H6O	000930-22-3	40
3	1-Propene, 2,3-dibromo-	198	C3H4Br2	000513-31-5	39
4	1,4-Bis(2-propyn-1-yloxy)benzene	186	C12H10O2	034596-36-6	33
5	Oxirane, ethenyl-	70	C4H6O	000930-22-3	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048323.D
Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

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

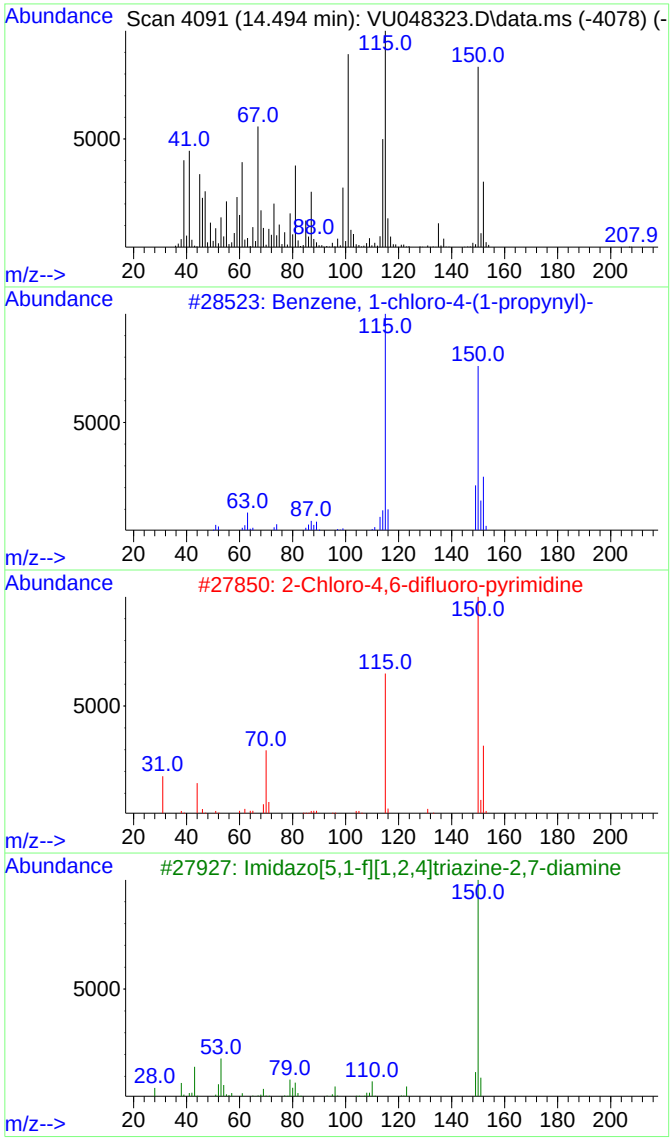
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

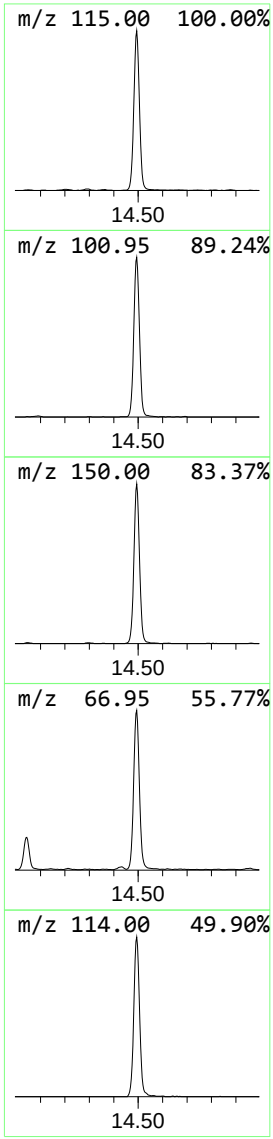
****

Peak Number 30 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.494	45.57 ug/L	1387090	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	43
2	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	27
3	Imidazo[5,1-f][1,2,4]triazine-2,...	150	C5H6N6	051292-20-7	11
4	2-Benzothiazolamine	150	C7H6N2S	000136-95-8	11
5	1,3,4-Thiadiazolidine-2,5-dithione	150	C2H2N2S3	001072-71-5	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048323.D
Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

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

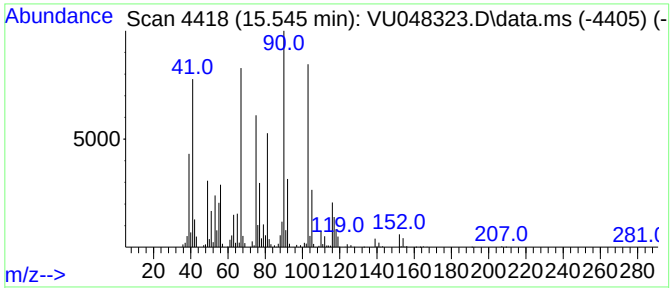
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

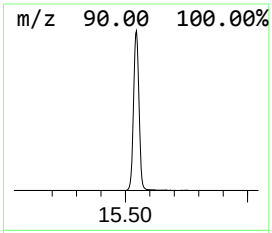
****

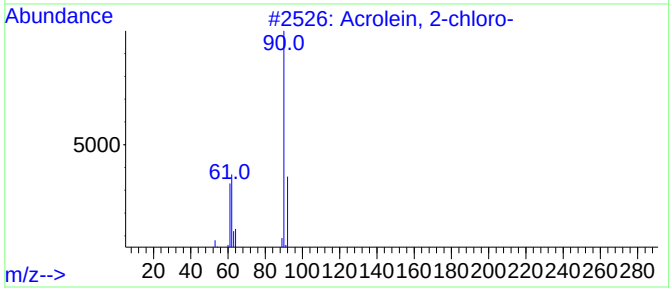
Peak Number 31 unknown-04 Concentration Rank 4

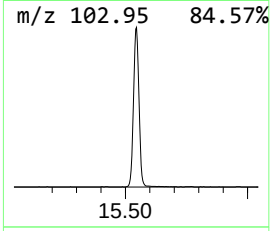
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.545	39.00 ug/L	1187120	1,4-Dichlorobenzene-d4	11.812

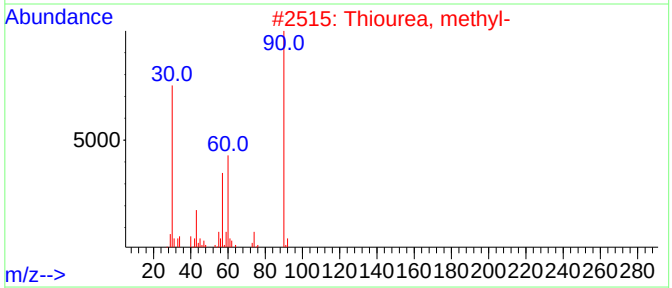
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	37
2	Thiourea, methyl-	90	C2H6N2S	000598-52-7	35
3	2,2-Bis(chloromethyl)-1-propanol	156	C5H10Cl2O	005355-54-4	32
4	1,3,5-Trichloro-4-methyl-2-penta...	202	C6H9Cl3O	1000140-03-8	25
5	Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	25

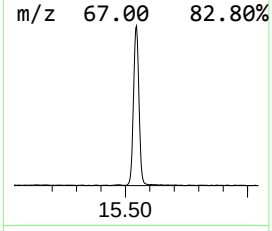


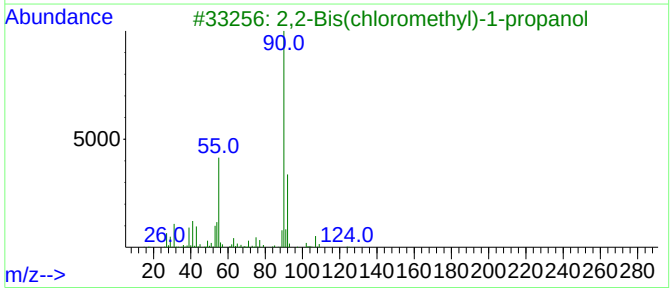


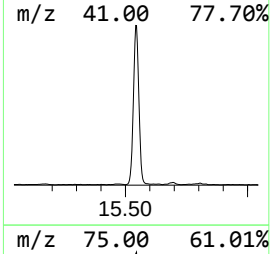


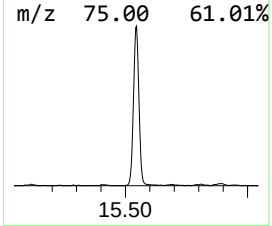












Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048323.D
Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

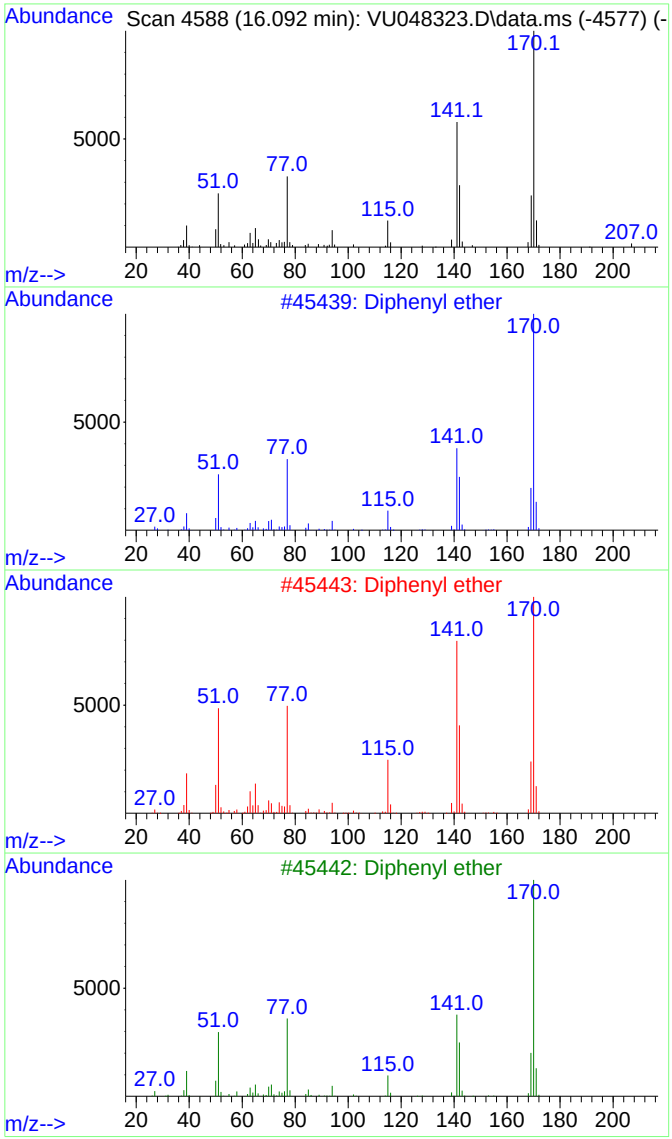
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

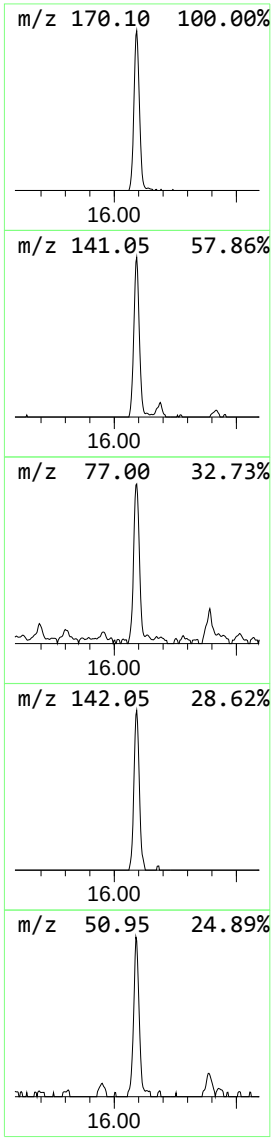
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Diphenyl ether Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.092	3.26 ug/L	99150	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	95
2	Diphenyl ether	170	C12H10O	000101-84-8	95
3	Diphenyl ether	170	C12H10O	000101-84-8	94
4	Diphenyl ether	170	C12H10O	000101-84-8	68
5	Diphenyl ether	170	C12H10O	000101-84-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048323.D
Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET7

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
Propyne	1.433	4.8	ug/L	84564	1	6.247	872834	50.0
Aminomethanesul...	1.478	5.3	ug/L	92821	1	6.247	872834	50.0
Ethyl ether	2.375	4.0	ug/L	69678	1	6.247	872834	50.0
Allyl chloride	2.507	3.9	ug/L	67173	1	6.247	872834	50.0
Dimethyl sulfide	2.678	9.9	ug/L	172488	1	6.247	872834	50.0
Cyclopentene	3.012	4.2	ug/L	72897	1	6.247	872834	50.0
(DEL) Alkane: C...	3.131	53.4	ug/L	931579	1	6.247	872834	50.0
Isopropenyl bro...	3.231	28.0	ug/L	488575	1	6.247	872834	50.0
1,5-Hexadiene	3.443	5.6	ug/L	97188	1	6.247	872834	50.0
Diisopropyl ether	3.993	5.9	ug/L	103683	1	6.247	872834	50.0
Ethane, (methyl...	4.565	6.9	ug/L	120916	1	6.247	872834	50.0
Thiophene	6.018	7.8	ug/L	135835	1	6.247	872834	50.0
1-Propene, 3,3'...	6.469	24.2	ug/L	422382	1	6.247	872834	50.0
Thietane	6.993	13.1	ug/L	228580	1	6.247	872834	50.0
2H-Pyran, tetra...	7.491	122.4	ug/L	2136020	1	6.247	872834	50.0
2H-Thiopyran, t...	10.652	37.4	ug/L	1139740	3	11.812	1521950	50.0
2H-Thiopyran, t...	10.928	6.5	ug/L	199357	3	11.812	1521950	50.0
Thiophene, 2-et...	10.973	29.0	ug/L	883197	3	11.812	1521950	50.0
Butanal, ethylh...	11.250	3.6	ug/L	110553	3	11.812	1521950	50.0
Benzene, 1-ethy...	11.291	2.6	ug/L	80713	3	11.812	1521950	50.0
3-(Methylthio)p...	11.587	6.0	ug/L	182428	3	11.812	1521950	50.0
1-Pentene, 5-ch...	11.951	2.7	ug/L	83174	3	11.812	1521950	50.0
Ethane, 1,1-dic...	12.298	2.8	ug/L	84237	3	11.812	1521950	50.0
Benzene, 1-brom...	12.967	24.6	ug/L	749701	3	11.812	1521950	50.0
(DEL) Alkane: S...	13.105	2.8	ug/L	84874	3	11.812	1521950	50.0
Hexane, 1,6-dic...	13.375	5.3	ug/L	159856	3	11.812	1521950	50.0
unknown-01	13.777	4.5	ug/L	136018	3	11.812	1521950	50.0
unknown-02	14.044	8.7	ug/L	263548	3	11.812	1521950	50.0
unknown-03	14.494	45.6	ug/L	1387090	3	11.812	1521950	50.0
unknown-04	15.545	39.0	ug/L	1187120	3	11.812	1521950	50.0
Diphenyl ether	16.092	3.3	ug/L	99150	3	11.812	1521950	50.0