LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048319.D
Acq On : 27 Apr 2022 16:58
Operator : SY/MD
Sample : N2587-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

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: VU048319.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.359	3	6	25	rVB	27783758	26602471	39.67%	18.304%
2	1.437	25	30	35	rVV	67494	68404	0.10%	0.047%
3	1.475	35	42	64	rVB	999156	1155936	1.72%	0.795%
4	1.601	72	81	98	rBV	192927	247779	0.37%	0.170%
5	1.913	171	178	213	rVB	163783	250131	0.37%	0.172%
6	2.167	252	257	268	rVB	15436	21095	0.03%	0.015%
7	2.517	347	366	373	rBV	95538	161620	0.24%	0.111%
8	2.568	373	382	395	rVB	336958	543960	0.81%	0.374%
9	2.639	396	404	409	rBV3	22128	37006	0.06%	0.025%
10	2.800	445	454	458	rBV6	2547	4228	0.01%	0.003%
11	3.019	513	522	529	rBV2	4821	9603	0.01%	0.007%
12	3.086	535	543	560	rVB	32235	59890	0.09%	0.041%
13	3.179	569	572	575	rBV3	1263	1219	0.00%	0.001%
14	3.234	579	589	609	rVB4	34142	72688	0.11%	0.050%
15	3.443	649	654	658	rBV4	917	1151	0.00%	0.001%
16	3.517	672	677	680	rVB3	357	337	0.00%	0.000%
17	3.871	772	787	802	rBV2	5096	12157	0.02%	0.008%
18	3.999	817	827	834	rBV6	1195	2343	0.00%	0.002%
19	4.440	949	964	986	rBV4	24394	62926	0.09%	0.043%
20	4.626	1009	1022	1063	rBV	181490	477816	0.71%	0.329%
21	4.797	1067	1075	1092	rVB5	9739	21290	0.03%	0.015%
22	5.064	1141	1158	1176	rBV	351226	785492	1.17%	0.540%
23	5.363	1243	1251	1253	rBV5	773	927	0.00%	0.001%
24	5.520	1296	1300	1304	rBV2	345	330	0.00%	0.000%
25	5.729	1341	1365	1369	rBV2	635710	1576145	2.35%	1.084%
26	5.774	1370	1379	1425	rVB	4187433	8434066	12.58%	5.803%
27	6.250	1513	1527	1553	rBV	412476	787794	1.17%	0.542%
28	6.510	1593	1608	1632	rBV	534843	1033384	1.54%	0.711%
29	6.690	1650	1664	1675	rBV	394700	762754	1.14%	0.525%
30	6.771	1676	1689	1720	rVB2	620909	1349228	2.01%	0.928%
31	6.996	1743	1759	1800	rBV	2114290	3973517	5.93%	2.734%
32	7.215	1820	1827	1841	rVB3	18949	34783	0.05%	0.024%
33	7.295	1843	1852	1863	rBV3	18496	33497	0.05%	0.023%
34	7.404	1884	1886	1894	rVB5	519	426	0.00%	0.000%
35	7.488	1894	1912	1927	rBV	6577765	11585493	17.28%	7.972%
36	7.565	1928	1936	1953	rVB	243565	438780	0.65%	0.302%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048319.D
Acq On : 27 Apr 2022 16:58
Operator : SY/MD
Sample : N2587-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

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	7.793	1997	2007	2025	rBV3	12435	24039	0.04%	0.017%
38	7.899	2026	2040	2052	rBV	824587	1437559	2.14%	0.989%
39	7.980	2052	2065	2114	rVV	5213396	9016136	13.44%	6.204%
40	8.179	2117	2127	2143	rVB	156556	260251	0.39%	0.179%
41	8.356	2172	2182	2202	rVB2	51797	96092	0.14%	0.066%
42	8.475	2211	2219	2226	rBV	3905	6322	0.01%	0.004%
43	8.520	2227	2233	2234	rBV2	4986	4609	0.01%	0.003%
44	8.584	2235	2253	2264	rBV2	37900389	67060546	100.00%	46.142%
45	8.751	2298	2305	2325	rVB2	57589	110604	0.16%	0.076%
46	8.919	2348	2357	2375	rVB3	10833	23950	0.04%	0.016%
47	9.015	2375	2387	2400	rBV	39560	68916	0.10%	0.047%
48	9.166	2423	2434	2454	rBV	79880	137374	0.20%	0.095%
49	9.314	2474	2480	2487	rVB4	1305	1692	0.00%	0.001%
50	9.350	2488	2491	2492	rBV3	816	509	0.00%	0.000%
51	9.359	2492	2494	2500	rVV4	1555	1396	0.00%	0.001%
52	9.417	2500	2512	2544	rVV	604725	1159563	1.73%	0.798%
53	9.546	2548	2552	2554	rBV4	1212	893	0.00%	0.001%
54	9.629	2568	2578	2595	rBV5	13374	27337	0.04%	0.019%
55	9.829	2628	2640	2651	rBV3	13393	24075	0.04%	0.017%
56	9.938	2663	2674	2691	rBV	108915	179919	0.27%	0.124%
57	10.044	2702	2707	2711	rBV2	389	439	0.00%	0.000%
58	10.105	2717	2726	2730	rBV7	762	1202	0.00%	0.001%
59	10.134	2730	2735	2739	rVB6	779	858	0.00%	0.001%
60	10.353	2794	2803	2805	rBV5	1259	1771	0.00%	0.001%
61	10.478	2839	2842	2850	rVB	439	564	0.00%	0.000%
62	10.568	2863	2870	2873	rBV5	1097	1350	0.00%	0.001%
63	10.648	2884	2895	2909	rBV6	15331	28113	0.04%	0.019%
64	10.755	2911	2928	2954	rVV	598668	987584	1.47%	0.680%
65	10.896	2963	2972	2979	rBV	8750	13552	0.02%	0.009%
66	10.970	2988	2995	3006	rVB2	8019	11967	0.02%	0.008%
67	11.115	3037	3040	3048	rVB5	960	977	0.00%	0.001%
68	11.195	3056	3065	3074	rBV4	10118	15294	0.02%	0.011%
69	11.250	3074	3082	3098	rVB9	5301	8463	0.01%	0.006%
70	11.375	3110	3121	3136	rBV4	11461	18682	0.03%	0.013%
71	11.456	3137	3146	3154	rBV6	2601	4390	0.01%	0.003%
72	11.510	3154	3163	3177	rVB2	17026	29491	0.04%	0.020%
73	11.620	3195	3197	3201	rVB	571	346	0.00%	0.000%
74	11.645	3201	3205	3209	rBV4	462	386	0.00%	0.000%
75	11.700	3217	3222	3223	rBV3	1208	958	0.00%	0.001%
76	11.748	3224	3237	3247	rVV	620682	1034585	1.54%	0.712%

LSC Area Percent Report

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Data File : VU048319.D
Acq On : 27 Apr 2022 16:58
Operator : SY/MD
Sample : N2587-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

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	11.812	3247	3257	3270	rVB	681780	1075518	1.60%	0.740%
78	12.063	3326	3335	3353	rBV5	9163	18514	0.03%	0.013%
79	12.195	3362	3376	3397	rBV2	881799	1684006	2.51%	1.159%
80	12.410	3435	3443	3454	rVB3	8935	13694	0.02%	0.009%
81	12.472	3456	3462	3469	rVB7	2373	2831	0.00%	0.002%
82	12.619	3506	3508	3511	rBV2	628	453	0.00%	0.000%
83	12.642	3513	3515	3524	rVB6	996	1375	0.00%	0.001%
84	12.771	3548	3555	3564	rVB4	3453	4763	0.01%	0.003%
85	12.877	3583	3588	3591	rBV4	496	523	0.00%	0.000%
86	12.915	3592	3600	3612	rBV2	16927	25203	0.04%	0.017%
87	13.021	3628	3633	3636	rBV3	580	659	0.00%	0.000%
88	13.089	3650	3654	3656	rBV	558	454	0.00%	0.000%
89	13.102	3656	3658	3665	rVB4	463	371	0.00%	0.000%
90	13.144	3668	3671	3678	rVV3	615	797	0.00%	0.001%
91	13.378	3735	3744	3754	rBV5	9986	14769	0.02%	0.010%
92	13.523	3785	3789	3794	rVV3	345	430	0.00%	0.000%
93	13.552	3794	3798	3803	rVB4	932	823	0.00%	0.001%
94	14.327	4034	4039	4049	rVB6	2046	2803	0.00%	0.002%
95	14.494	4079	4091	4099	rBV7	17339	26460	0.04%	0.018%
96	14.594	4110	4122	4132	rBV5	9060	16018	0.02%	0.011%
97	14.844	4192	4200	4211	rBV3	7095	10909	0.02%	0.008%
98	15.266	4328	4331	4334	rBV2	695	573	0.00%	0.000%
99	15.333	4348	4352	4361	rVB7	4671	6279	0.01%	0.004%
100	15.545	4411	4418	4429	rVB5	8767	12317	0.02%	0.008%

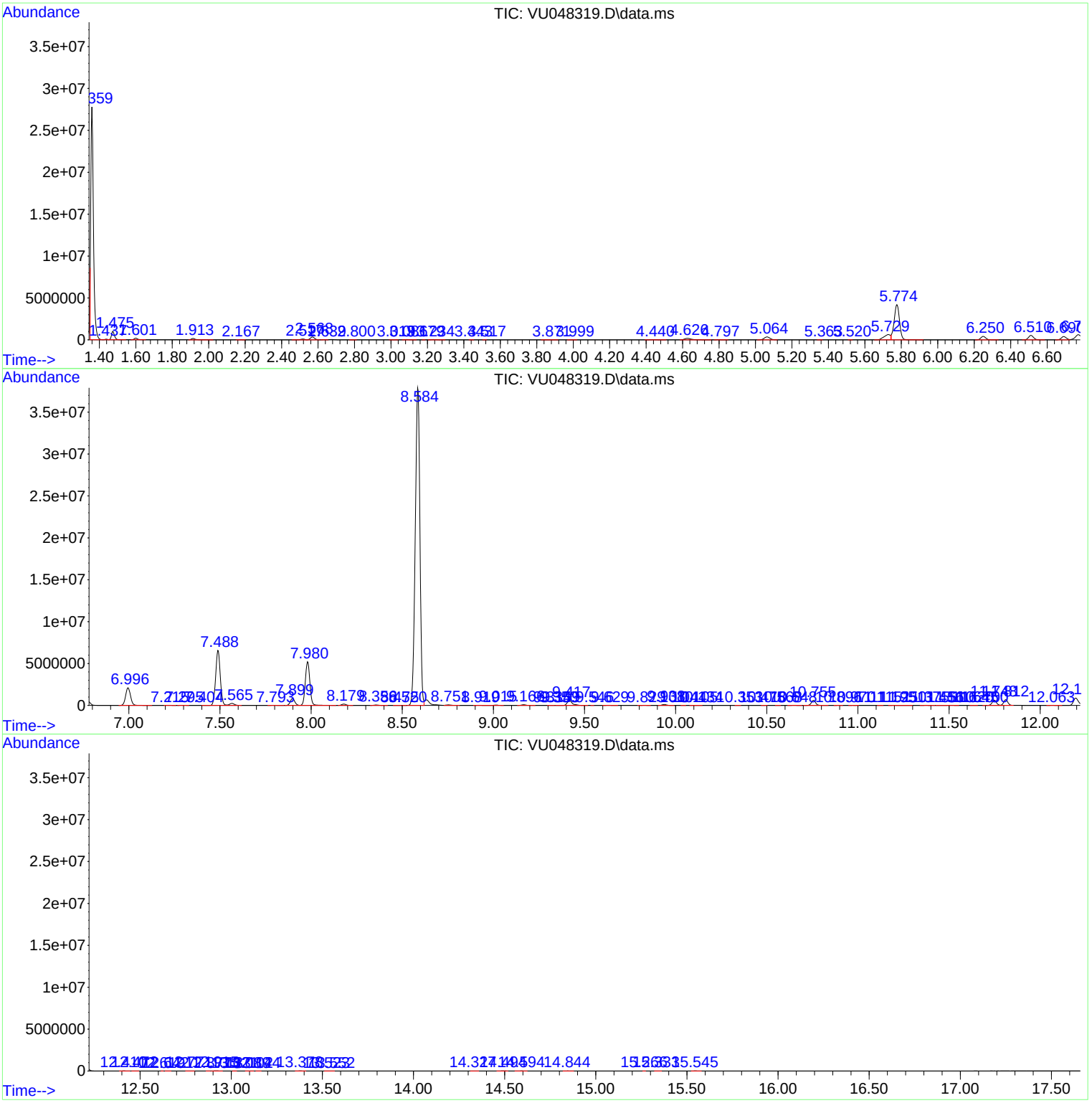
Sum of corrected areas: 145333962

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048319.D
Acq On : 27 Apr 2022 16:58
Operator : SY/MD
Sample : N2587-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

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 : VU048319.D
Acq On : 27 Apr 2022 16:58
Operator : SY/MD
Sample : N2587-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

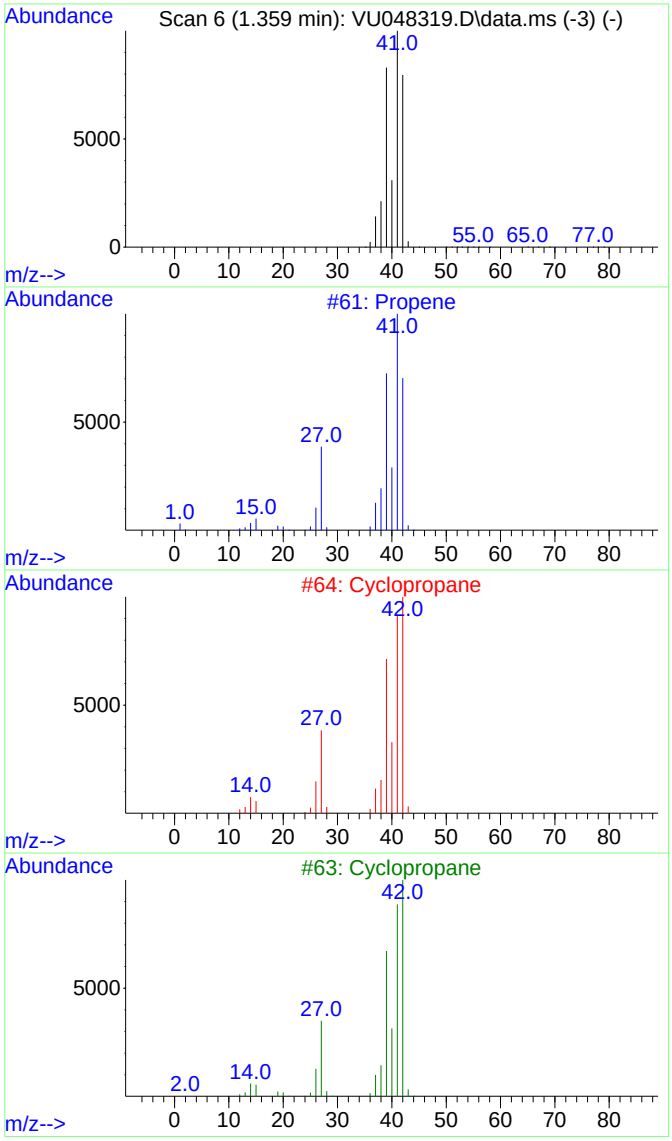
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

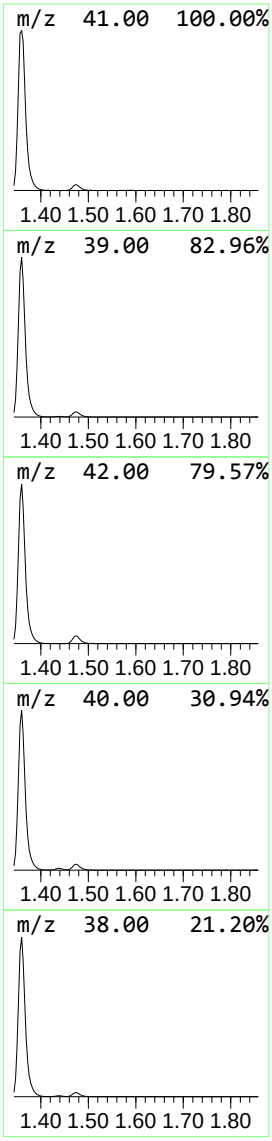
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.359	1688.42 ug/L	26602500	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Cyclopropane	42	C3H6	000075-19-4	80
3	Cyclopropane	42	C3H6	000075-19-4	72
4	Propene	42	C3H6	000115-07-1	59
5	Cyclopropene	40	C3H4	002781-85-3	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048319.D
Acq On : 27 Apr 2022 16:58
Operator : SY/MD
Sample : N2587-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

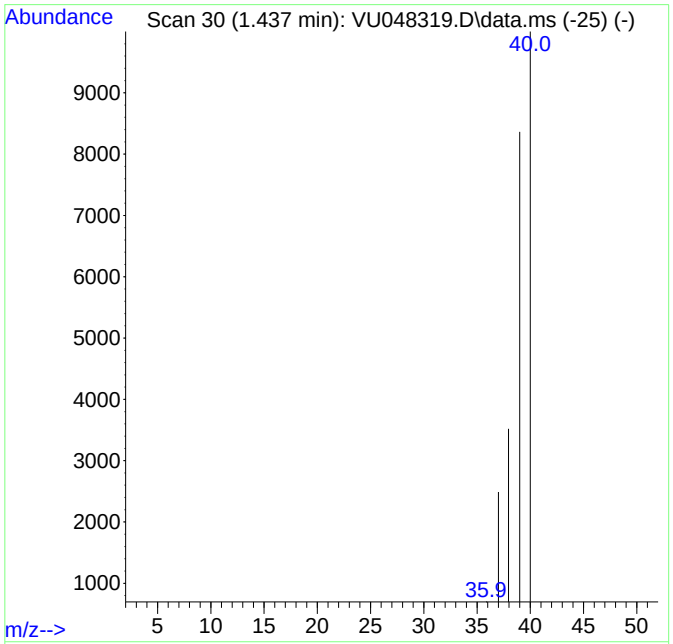
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

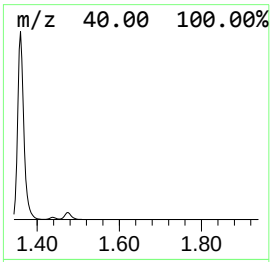
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

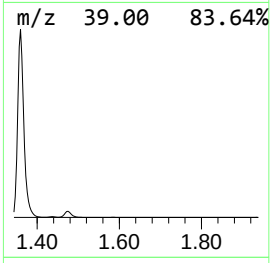
****
Peak Number 2 Allene Concentration Rank 14

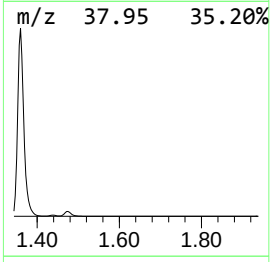
R.T.	EstConc	Area	Relative to ISTD	R.T.
1.437	4.34 ug/L	68404	1,4-Difluorobenzene	6.250

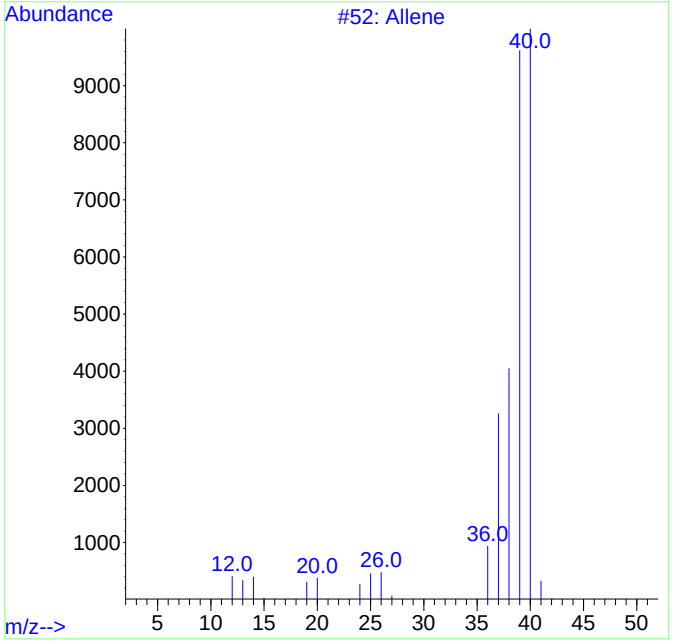
Hit# of 1	Tentative ID	MW	MolForm	CAS#	Qual
1	Allene	40	C3H4	000463-49-0	90

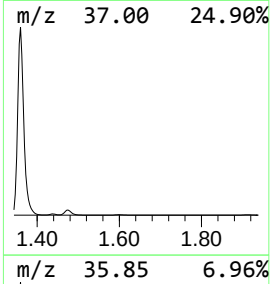


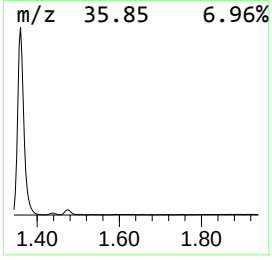












Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048319.D
Acq On : 27 Apr 2022 16:58
Operator : SY/MD
Sample : N2587-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

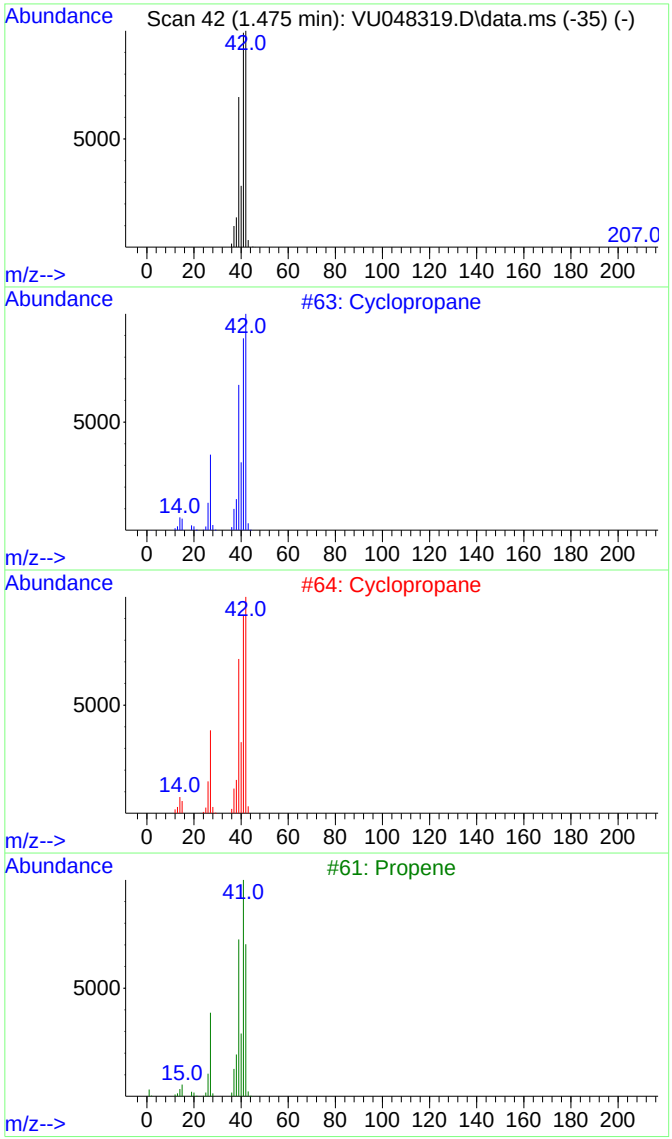
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

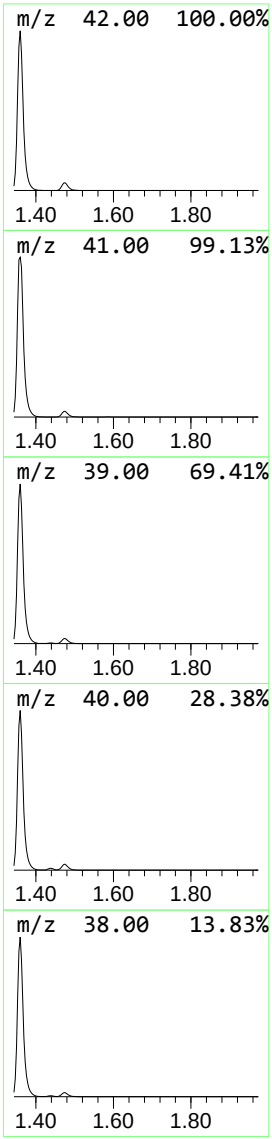
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic1.475 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.475	73.37 ug/L	1155940	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane	42	C3H6	000075-19-4	90
2	Cyclopropane	42	C3H6	000075-19-4	90
3	Propene	42	C3H6	000115-07-1	83
4	Cyclopropane	42	C3H6	000075-19-4	53
5	Cyclopropene	40	C3H4	002781-85-3	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048319.D
Acq On : 27 Apr 2022 16:58
Operator : SY/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

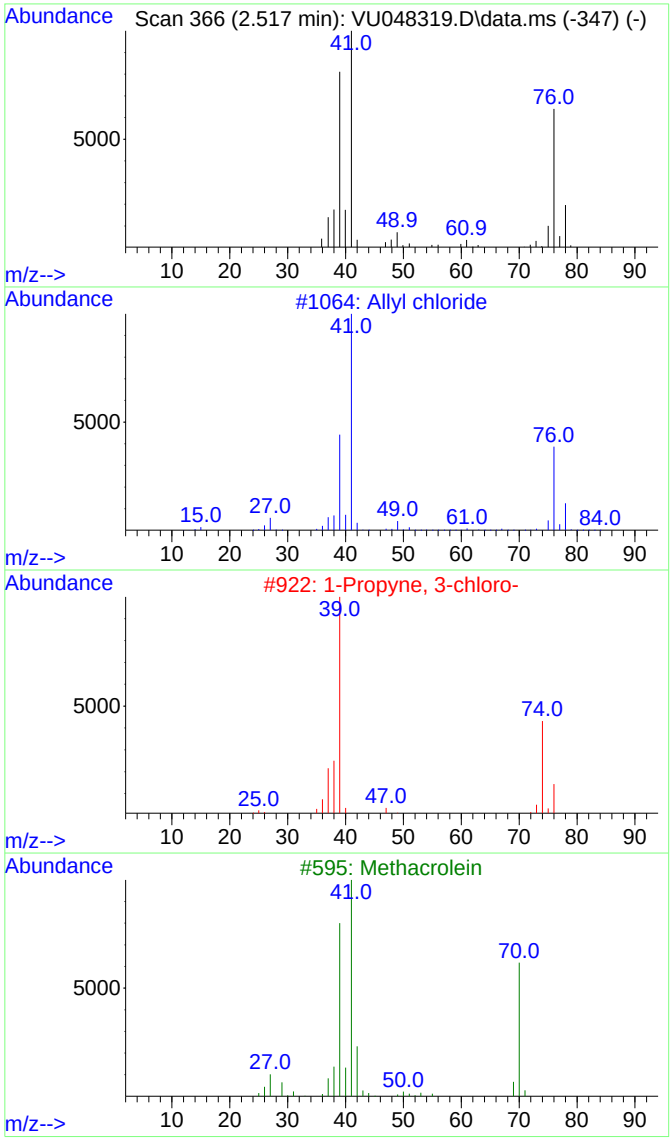
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

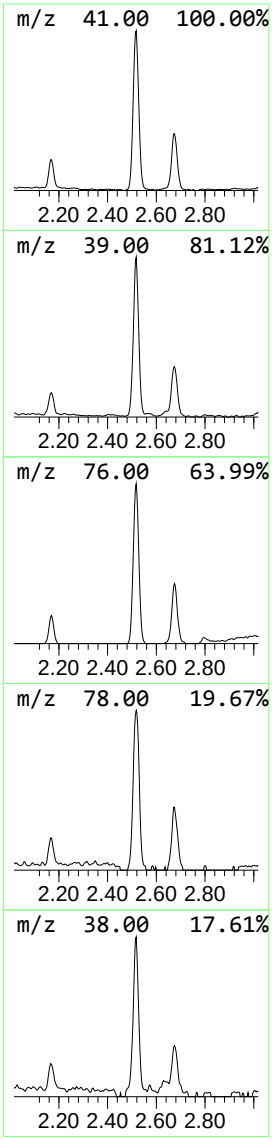
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Allyl chloride Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.517	10.26 ug/L	161620	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allyl chloride	76	C3H5Cl	000107-05-1	90
2	1-Propyne, 3-chloro-	74	C3H3Cl	000624-65-7	50
3	Methacrolein	70	C4H6O	000078-85-3	50
4	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	50
5	1-Propyne, 3-chloro-	74	C3H3Cl	000624-65-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048319.D
Acq On : 27 Apr 2022 16:58
Operator : SY/MD
Sample : N2587-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

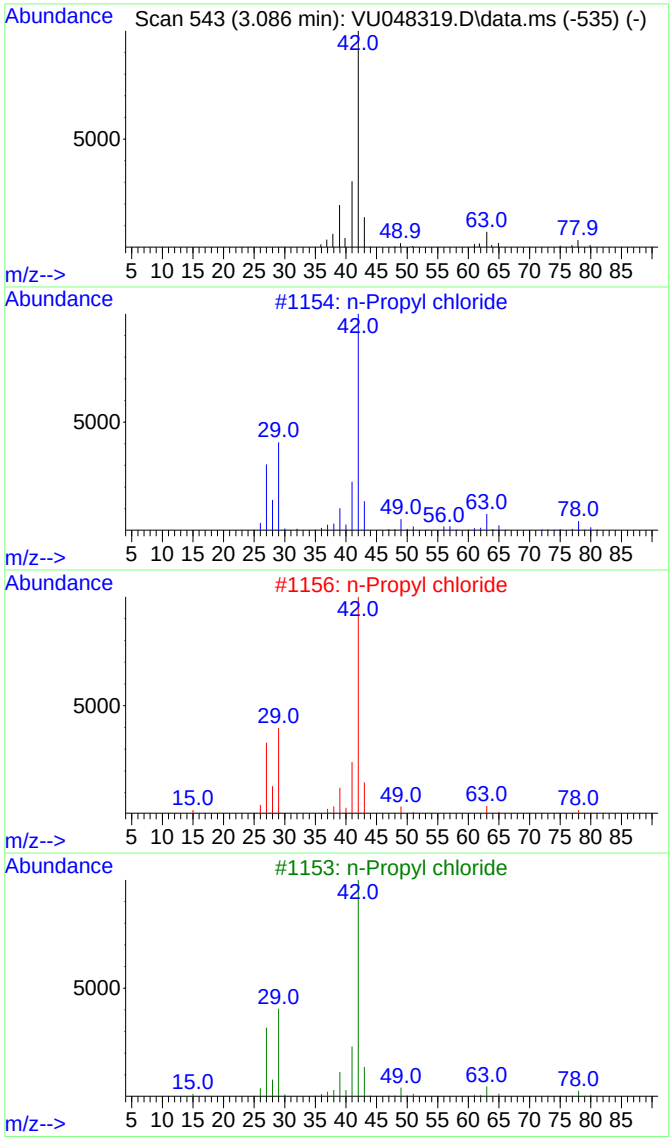
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

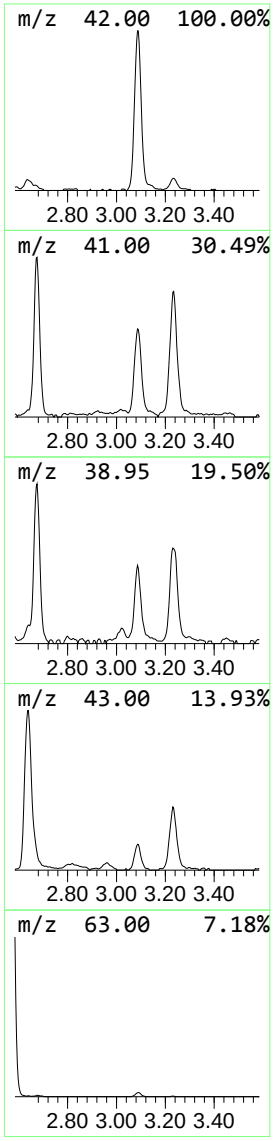
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 n-Propyl chloride Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.086	3.80 ug/L	59890	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl chloride	78	C3H7Cl	000540-54-5	78
2	n-Propyl chloride	78	C3H7Cl	000540-54-5	78
3	n-Propyl chloride	78	C3H7Cl	000540-54-5	72
4	n-Propyl chloride	78	C3H7Cl	000540-54-5	9
5	2,5-Furandione, dihydro-3-methyl-	114	C5H6O3	004100-80-5	9





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Data File : VU048319.D
Acq On : 27 Apr 2022 16:58
Operator : SY/MD
Sample : N2587-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

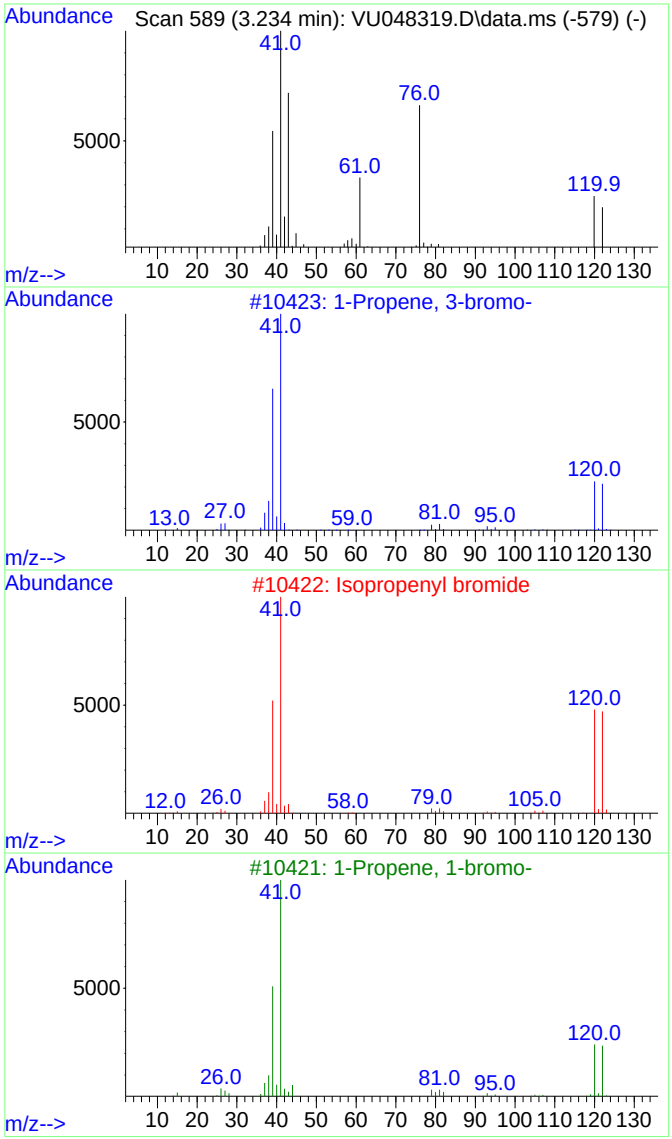
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

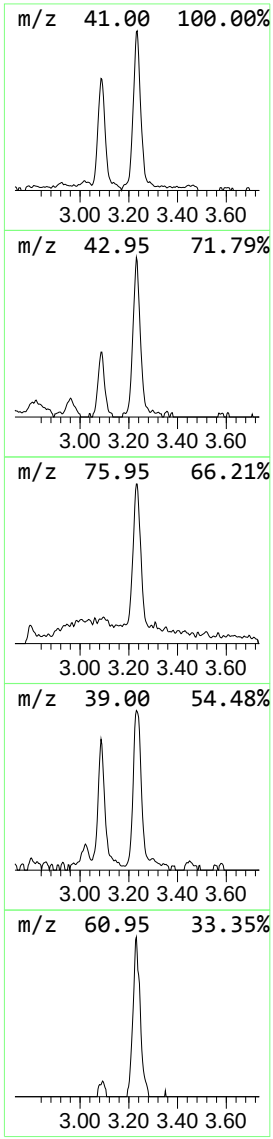
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.234	4.61 ug/L	72688	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-bromo-	120	C3H5Br	000106-95-6	49
2	Isopropenyl bromide	120	C3H5Br	000557-93-7	49
3	1-Propene, 1-bromo-	120	C3H5Br	000590-14-7	49
4	1-Propene, 1-bromo-	120	C3H5Br	000590-14-7	47
5	1-Propene, 3-bromo-	120	C3H5Br	000106-95-6	47





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Data File : VU048319.D
Acq On : 27 Apr 2022 16:58
Operator : SY/MD
Sample : N2587-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

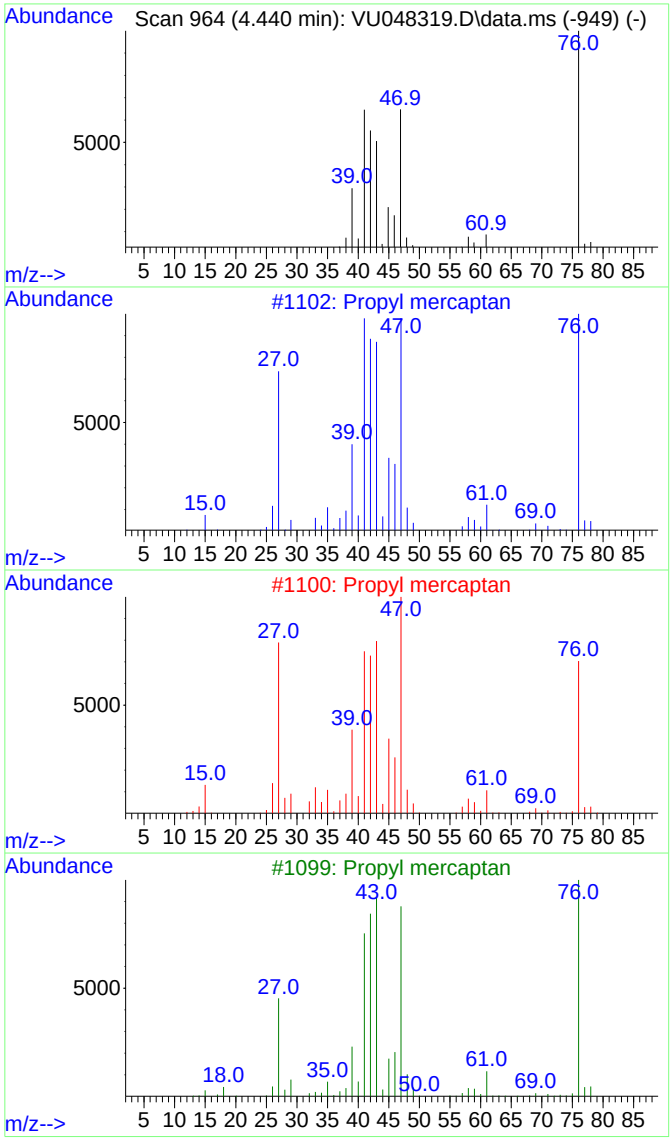
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

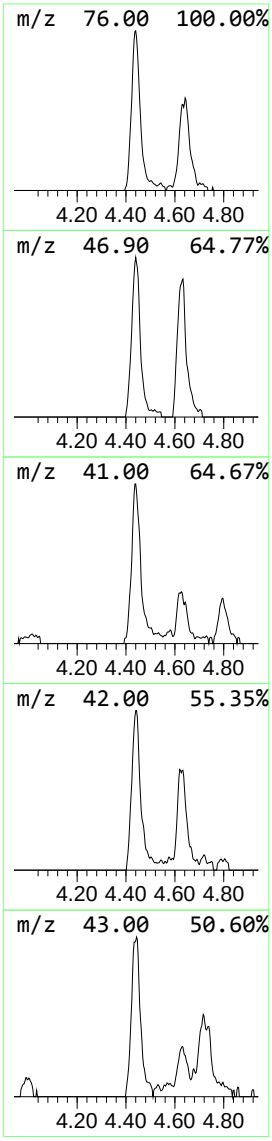
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Propyl mercaptan Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.440	3.99 ug/L	62926	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propyl mercaptan	76	C3H8S	000107-03-9	91
2	Propyl mercaptan	76	C3H8S	000107-03-9	91
3	Propyl mercaptan	76	C3H8S	000107-03-9	91
4	Propyl mercaptan	76	C3H8S	000107-03-9	87
5	Monopropyl carbonotrithioate	152	C4H8S3	068060-07-1	74





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Data File : VU048319.D
Acq On : 27 Apr 2022 16:58
Operator : SY/MD
Sample : N2587-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

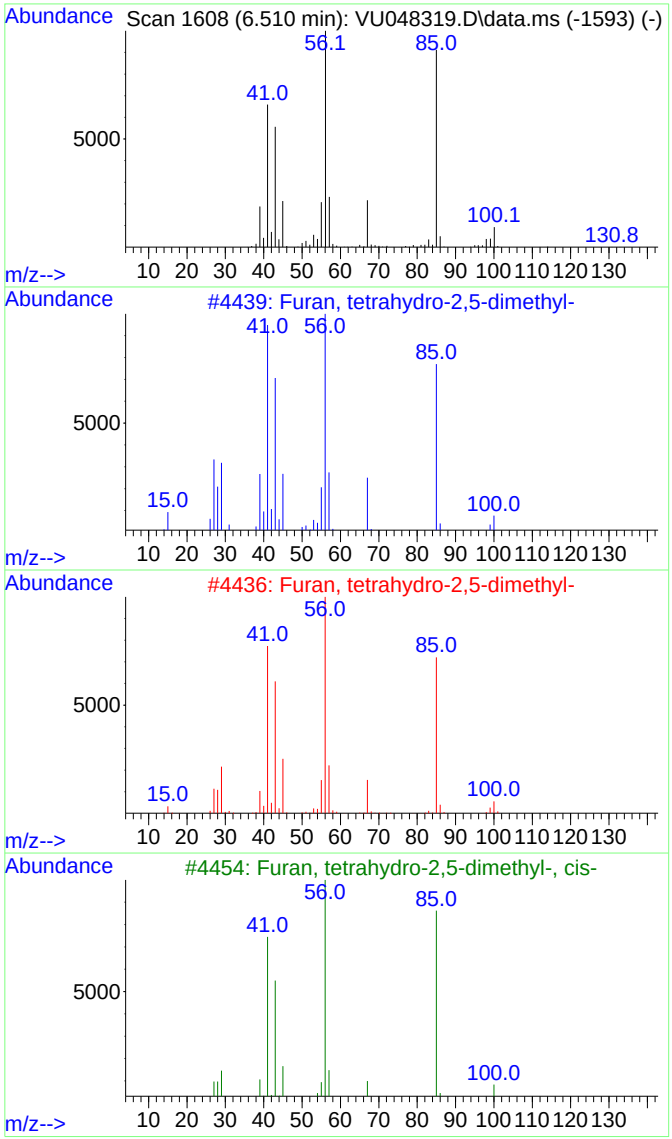
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

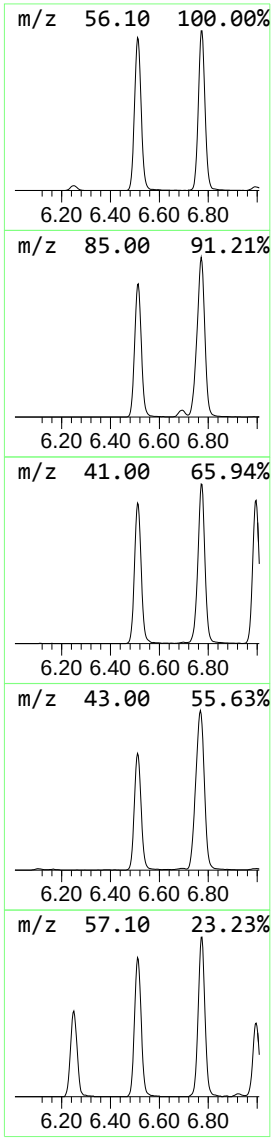
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Furan, tetrahydro-2,5-dimet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.510	65.59 ug/L	1033380	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	90
3	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	002144-41-4	72
4	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	70
5	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	53





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Data File : VU048319.D
Acq On : 27 Apr 2022 16:58
Operator : SY/MD
Sample : N2587-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

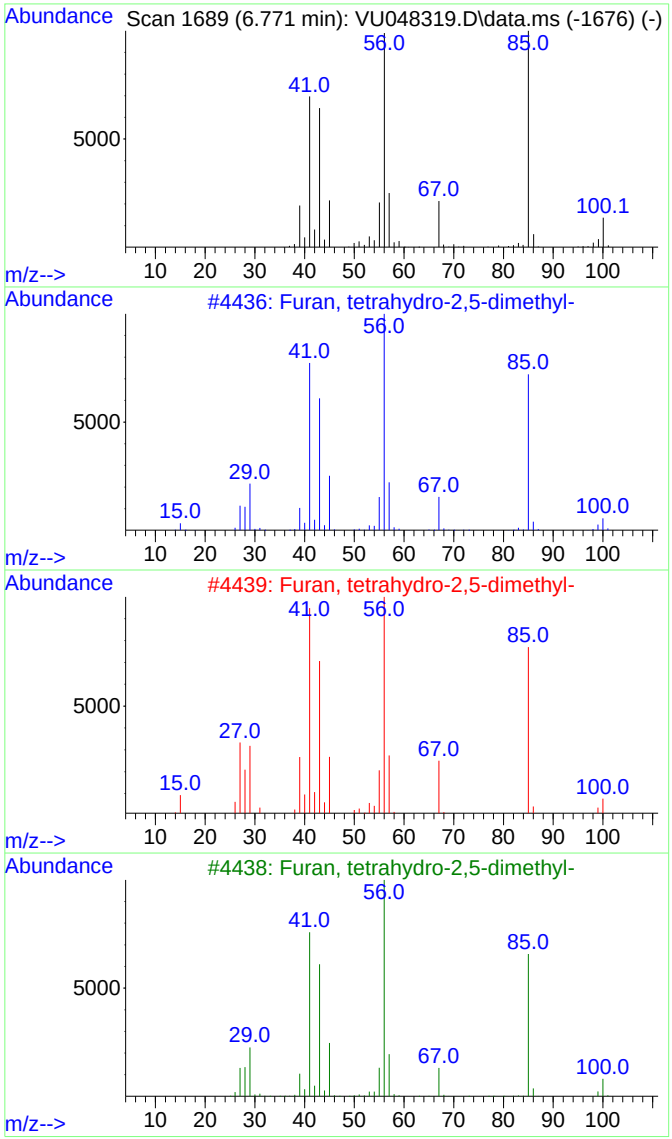
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

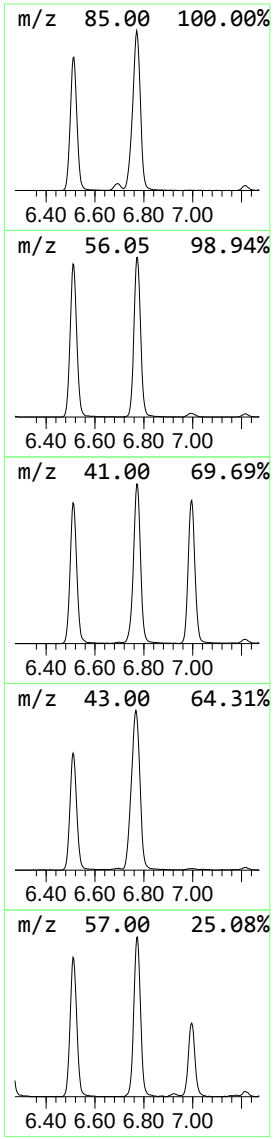
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Furan, tetrahydro-2,5-dimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.771	85.63 ug/L	1349230	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	001003-38-9	90
4	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	002144-41-4	86
5	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	64





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Acq On : 27 Apr 2022 16:58
Operator : SY/MD
Sample : N2587-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

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

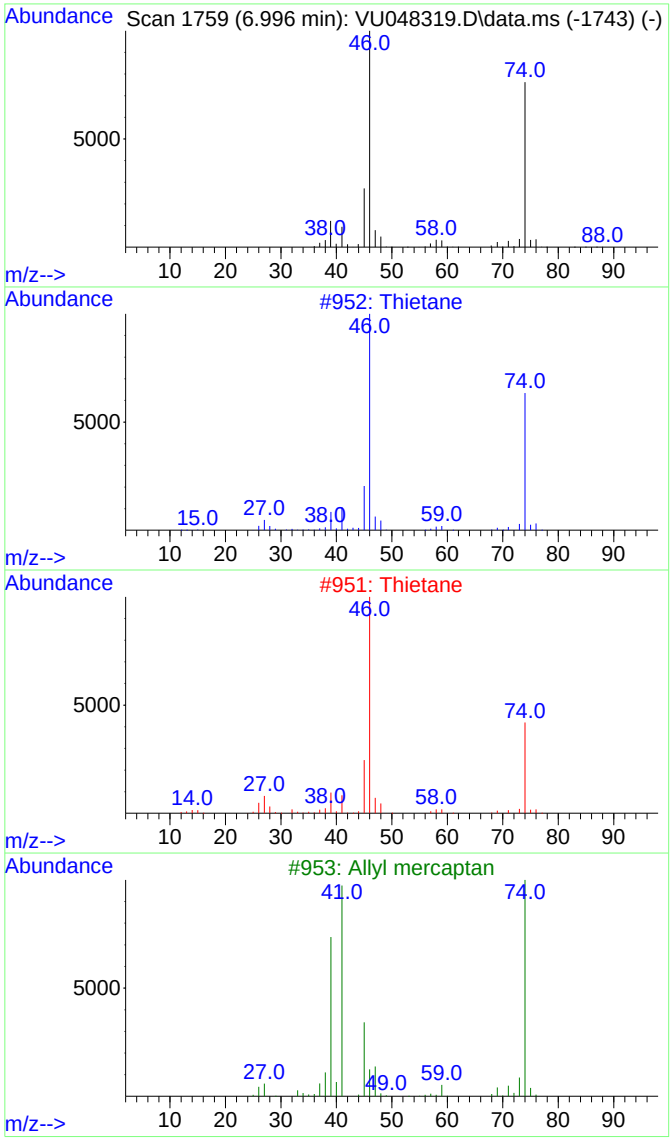
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

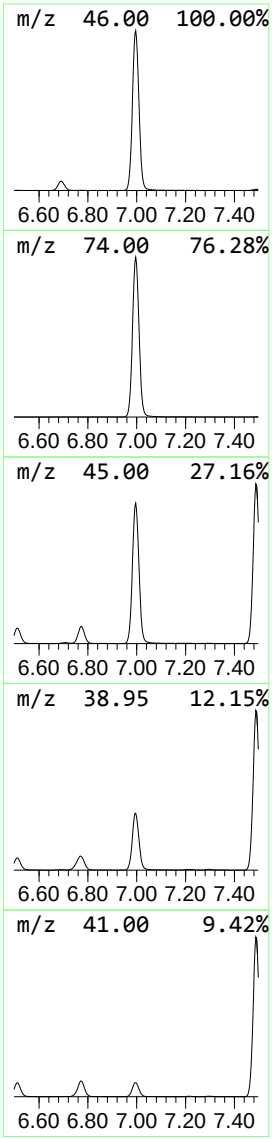
****

Peak Number 10 Thietane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.996	252.19 ug/L	3973520	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	91
3	Allyl mercaptan	74	C3H6S	000870-23-5	32
4	Thiirane, methyl-	74	C3H6S	001072-43-1	23
5	Thiirane, methyl-	74	C3H6S	001072-43-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
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Acq On : 27 Apr 2022 16:58
Operator : SY/MD
Sample : N2587-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

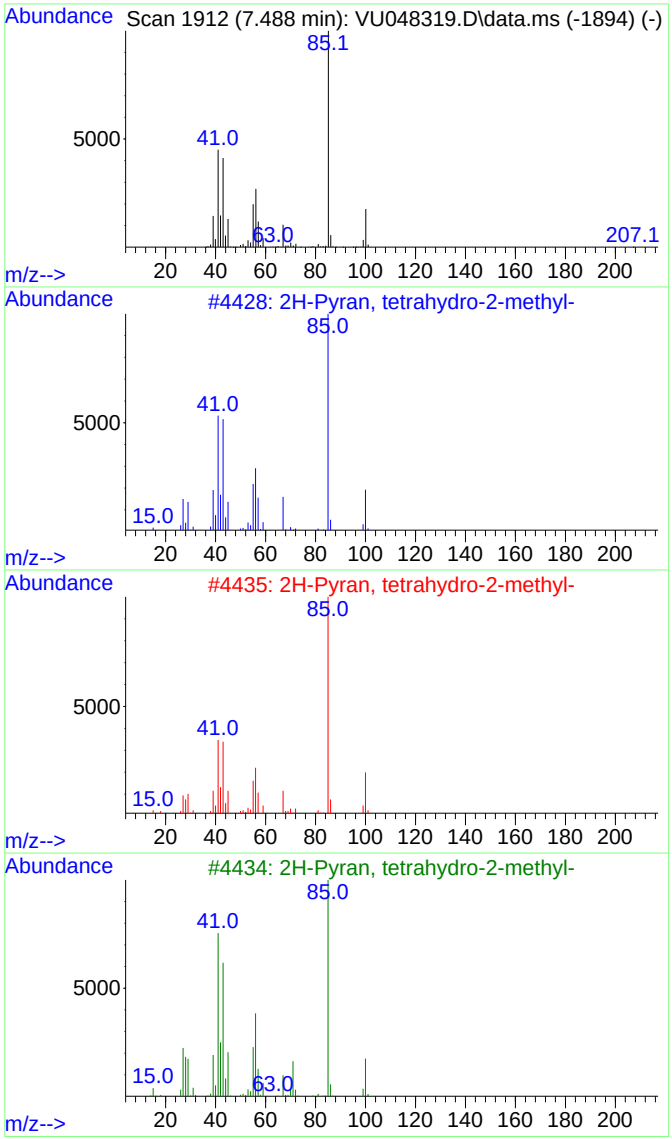
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

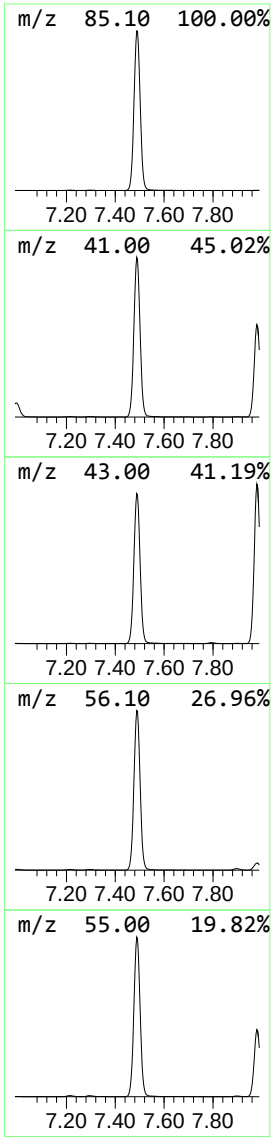
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.488	735.31 ug/L	11585500	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	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	64
5	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048319.D
Acq On : 27 Apr 2022 16:58
Operator : SY/MD
Sample : N2587-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

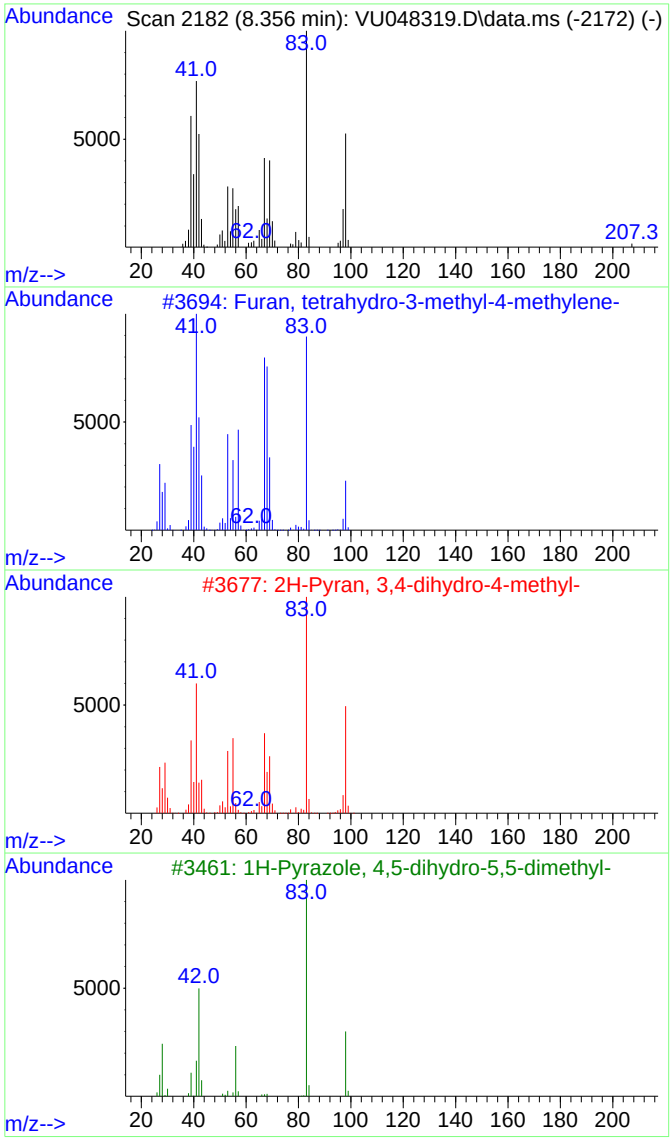
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

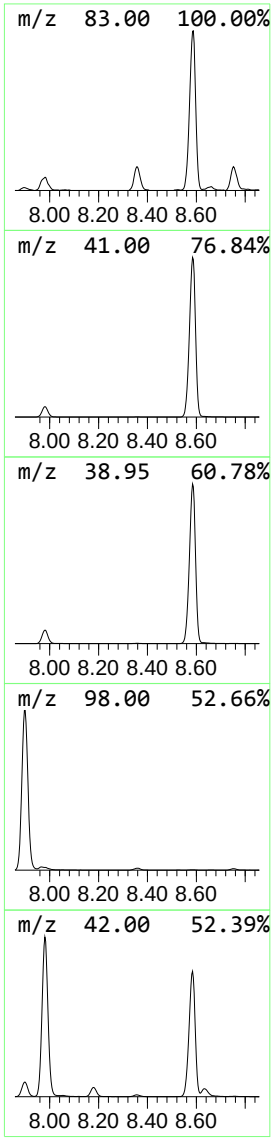
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Furan, tetrahydro-3-methyl-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.356	4.14 ug/L	96092	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-3-methyl-4-met...	98	C6H10O	061142-01-6	76
2	2H-Pyran, 3,4-dihydro-4-methyl-	98	C6H10O	002270-61-3	58
3	1H-Pyrazole, 4,5-dihydro-5,5-dim...	98	C5H10N2	004320-85-8	47
4	1H-Pyrazole, 4,5-dihydro-5,5-dim...	98	C5H10N2	004320-85-8	47
5	1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	47





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Data File : VU048319.D
Acq On : 27 Apr 2022 16:58
Operator : SY/MD
Sample : N2587-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

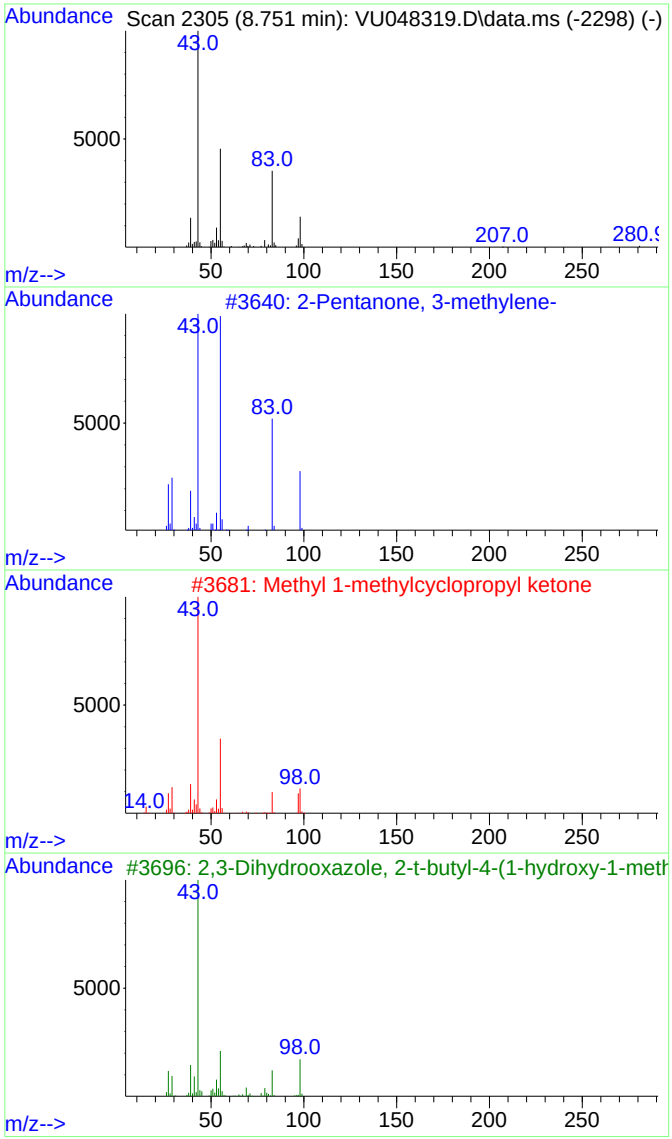
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

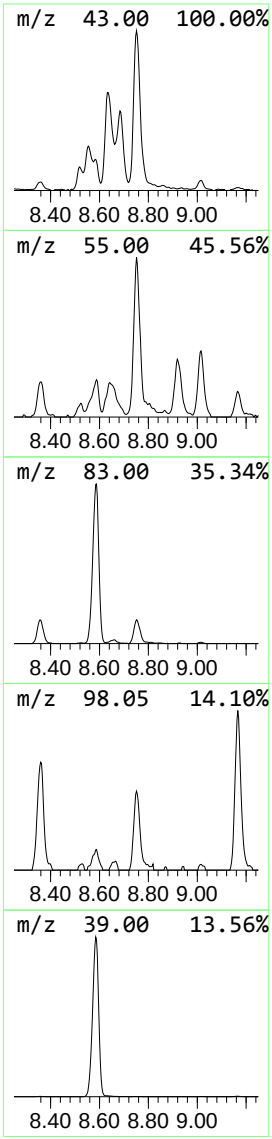
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2-Pentanone, 3-methylene- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.751	4.77 ug/L	110604	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	64
2	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	58
3	2,3-Dihydrooxazole, 2-t-butyl-4-...	98	C6H10O	036808-01-2	52
4	3-Hexene-2,5-diol	116	C6H12O2	007319-23-5	40
5	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048319.D
Acq On : 27 Apr 2022 16:58
Operator : SY/MD
Sample : N2587-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

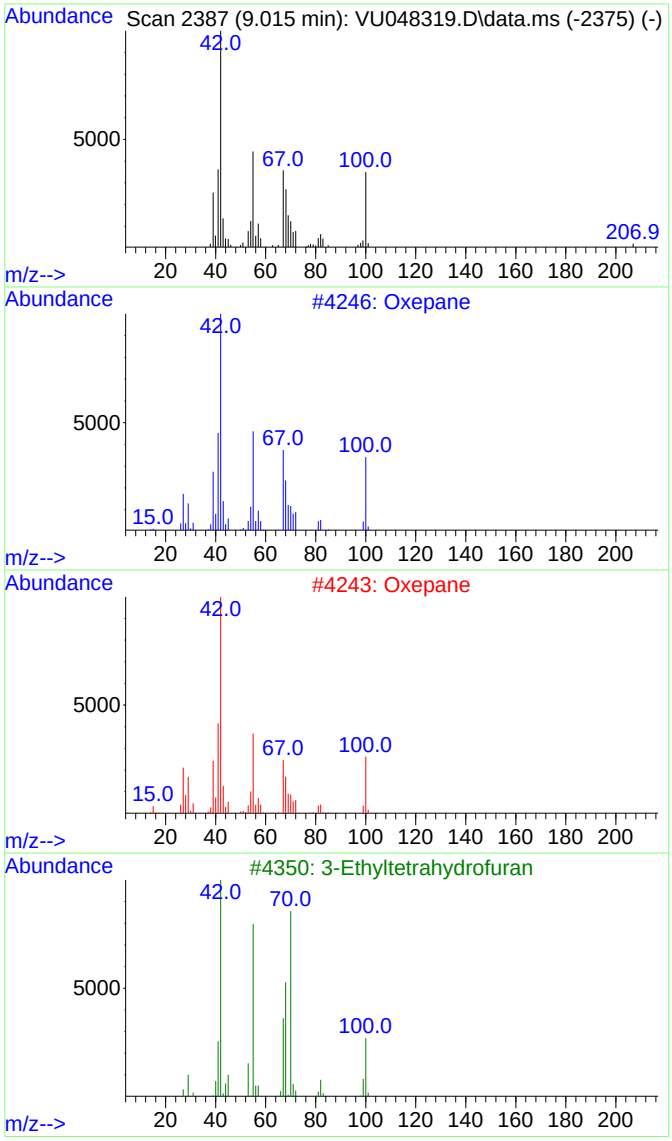
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

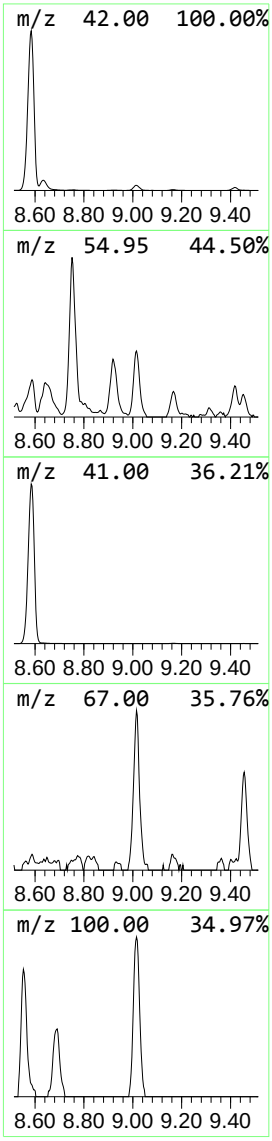
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Oxepane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.015	2.97 ug/L	68916	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxepane	100	C6H12O	000592-90-5	96
2	Oxepane	100	C6H12O	000592-90-5	95
3	3-Ethyltetrahydrofuran	100	C6H12O	093716-28-0	50
4	Oxepane	100	C6H12O	000592-90-5	47
5	2H-Pyran-2-one, tetrahydro-	100	C5H8O2	000542-28-9	47





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Acq On : 27 Apr 2022 16:58
Operator : SY/MD
Sample : N2587-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

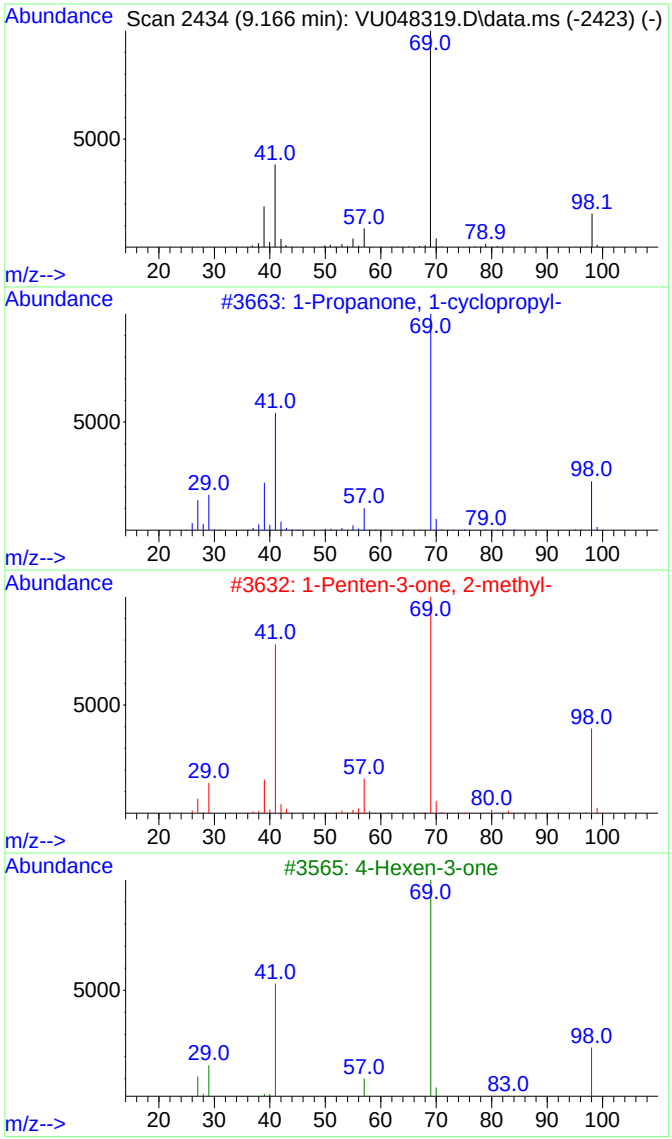
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

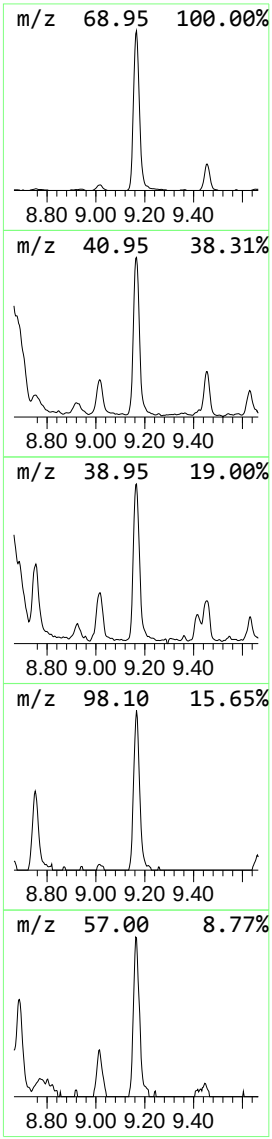
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1-Propanone, 1-cyclopropyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.166	5.92 ug/L	137374	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanone, 1-cyclopropyl-	98	C6H10O	006704-19-4	91
2	1-Penten-3-one, 2-methyl-	98	C6H10O	025044-01-3	80
3	4-Hexen-3-one	98	C6H10O	002497-21-4	80
4	1-Propanone, 1-cyclopropyl-	98	C6H10O	006704-19-4	80
5	4-Hexen-3-one	98	C6H10O	002497-21-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048319.D
Acq On : 27 Apr 2022 16:58
Operator : SY/MD
Sample : N2587-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

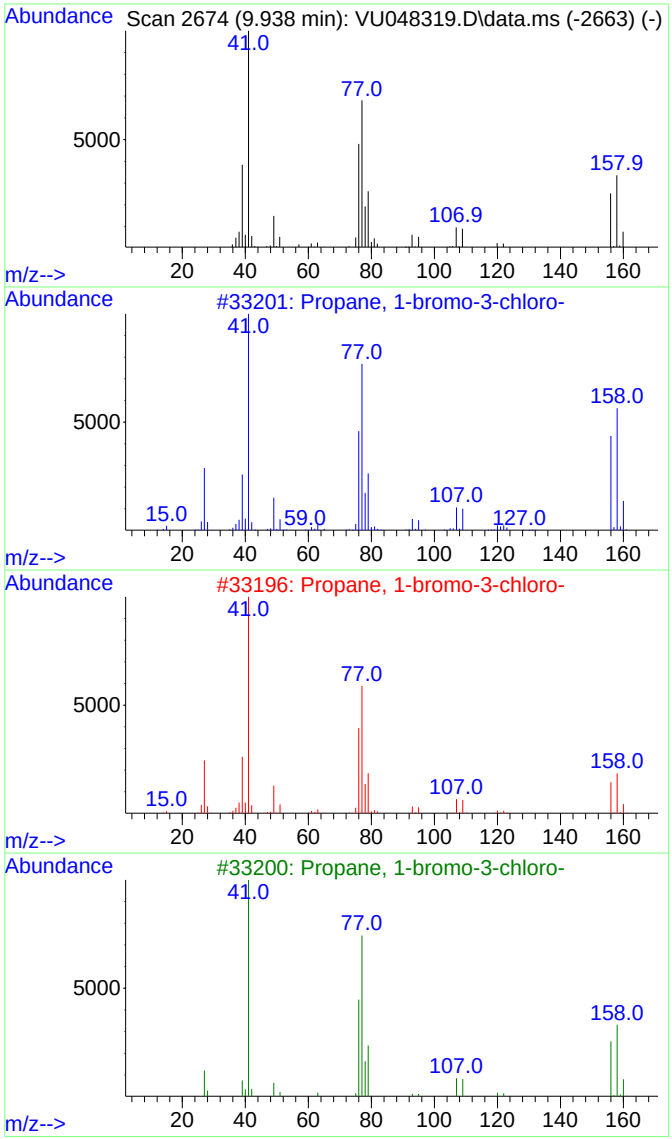
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

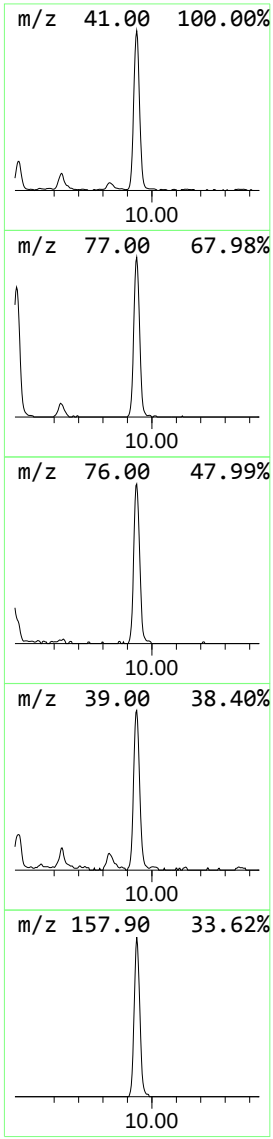
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Propane, 1-bromo-3-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.938	7.76 ug/L	179919	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-bromo-3-chloro-	156	C3H6BrCl	000109-70-6	96
2	Propane, 1-bromo-3-chloro-	156	C3H6BrCl	000109-70-6	95
3	Propane, 1-bromo-3-chloro-	156	C3H6BrCl	000109-70-6	95
4	Propane, 1-bromo-3-chloro-	156	C3H6BrCl	000109-70-6	74
5	Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048319.D
Acq On : 27 Apr 2022 16:58
Operator : SY/MD
Sample : N2587-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

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

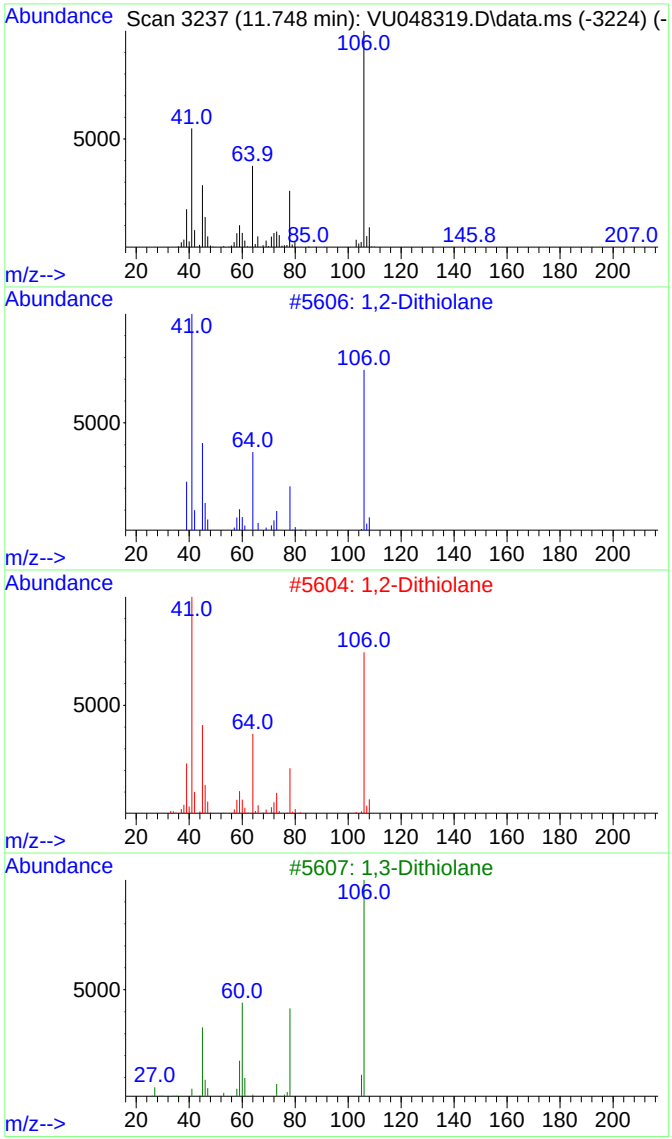
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

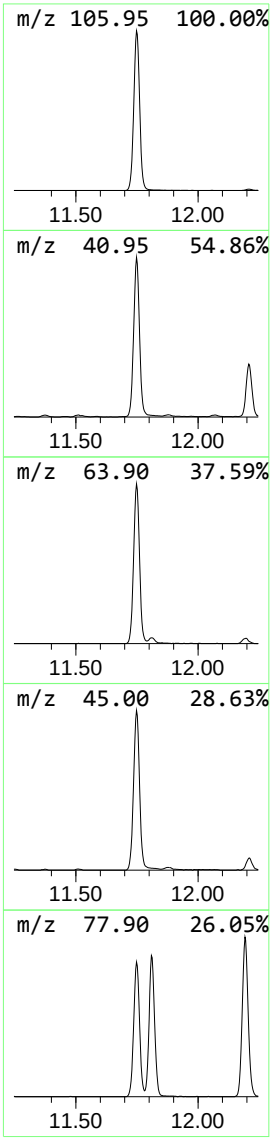
****

Peak Number 18 1,2-Dithiolane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.748	48.10 ug/L	1034590	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dithiolane	106	C3H6S2	000557-22-2	94
2	1,2-Dithiolane	106	C3H6S2	000557-22-2	91
3	1,3-Dithiolane	106	C3H6S2	004829-04-3	53
4	Carbonothioic dihydrazide	106	CH6N4S	002231-57-4	47
5	1,3-Dithiolane	106	C3H6S2	004829-04-3	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048319.D
Acq On : 27 Apr 2022 16:58
Operator : SY/MD
Sample : N2587-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET3

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
(DEL) Alkane: S...	1.359	1688.4	ug/L	26602500	1	6.250	787794	50.0
Allene	1.437	4.3	ug/L	68404	1	6.250	787794	50.0
(DEL) Alkane: C...	1.475	73.4	ug/L	1155940	1	6.250	787794	50.0
Allyl chloride	2.517	10.3	ug/L	161620	1	6.250	787794	50.0
n-Propyl chloride	3.086	3.8	ug/L	59890	1	6.250	787794	50.0
unknown-01	3.234	4.6	ug/L	72688	1	6.250	787794	50.0
Propyl mercaptan	4.440	4.0	ug/L	62926	1	6.250	787794	50.0
Furan, tetrahyd...	6.510	65.6	ug/L	1033380	1	6.250	787794	50.0
Furan, tetrahyd...	6.771	85.6	ug/L	1349230	1	6.250	787794	50.0
Thietane	6.996	252.2	ug/L	3973520	1	6.250	787794	50.0
2H-Pyran, tetra...	7.488	735.3	ug/L	11585500	1	6.250	787794	50.0
Furan, tetrahyd...	8.356	4.1	ug/L	96092	2	9.417	1159560	50.0
2-Pentanone, 3-...	8.751	4.8	ug/L	110604	2	9.417	1159560	50.0
Oxepane	9.015	3.0	ug/L	68916	2	9.417	1159560	50.0
1-Propanone, 1-...	9.166	5.9	ug/L	137374	2	9.417	1159560	50.0
Propane, 1-brom...	9.938	7.8	ug/L	179919	2	9.417	1159560	50.0
1,2-Dithiolane	11.748	48.1	ug/L	1034590	3	11.812	1075520	50.0