LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

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: VU048318.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	24	rVB	26788596	25583893	38.40%	17.872%
2	1.436	25	30	35	rVV	72003	73459	0.11%	0.051%
3	1.472	35	41	68	rVB	977539	1155595	1.73%	0.807%
4	1.600	72	81	101	rVB	178876	243216	0.37%	0.170%
5	1.903	167	175	201	rVB	138144	219296	0.33%	0.153%
6	2.163	250	256	264	rVB3	16394	22013	0.03%	0.015%
7	2.514	350	365	372	rBV	95404	153565	0.23%	0.107%
8	2.565	372	381	393	rVV	337866	545412	0.82%	0.381%
9	2.629	394	401	407	rVV4	26466	45759	0.07%	0.032%
10	2.671	409	414	432	rVB2	37755	65340	0.10%	0.046%
11	2.774	436	446	448	rBV6	1578	2215	0.00%	0.002%
12	3.015	515	521	527	rBV3	3358	5569	0.01%	0.004%
13	3.086	534	543	557	rVB	32917	60853	0.09%	0.043%
14	3.231	580	588	602	rVB4	31443	64659	0.10%	0.045%
15	3.449	644	656	668	rBV6	1092	2213	0.00%	0.002%
16	3.870	774	787	800	rVB3	5065	11690	0.02%	0.008%
17	3.996	814	826	835	rBV5	1280	3159	0.00%	0.002%
18	4.440	949	964	985	rBV2	21161	52090	0.08%	0.036%
19	4.623	1003	1021	1045	rBV	182055	461020	0.69%	0.322%
20	4.796	1065	1075	1090	rVB5	8584	19962	0.03%	0.014%
21	5.063	1140	1158	1192	rBV	338456	772149	1.16%	0.539%
22	5.288	1221	1228	1231	rBV4	431	610	0.00%	0.000%
23	5.359	1245	1250	1253	rBV3	852	988	0.00%	0.001%
24	5.391	1256	1260	1264	rVB	635	539	0.00%	0.000%
25	5.456	1273	1280	1288	rVB3	698	1169	0.00%	0.001%
26	5.726	1341	1364	1368	rBV2	621258	1459766	2.19%	1.020%
27	5.774	1370	1379	1425	rVB	4178384	8322256	12.49%	5.814%
28	6.102	1474	1481	1492	rVB10	2998	6000	0.01%	0.004%
29	6.250	1513	1527	1550	rVV	418049	782684	1.17%	0.547%
30	6.513	1593	1609	1630	rBV	519742	1015732	1.52%	0.710%
31	6.690	1650	1664	1675	rBV	382922	739623	1.11%	0.517%
32	6.774	1676	1690	1722	rVB2	604121	1340688	2.01%	0.937%
33	6.996	1742	1759	1790	rBV	2120204	3898868	5.85%	2.724%
34	7.214	1821	1827	1841	rVB3	19590	35653	0.05%	0.025%
35	7.295	1842	1852	1865	rBV2	19916	36424	0.05%	0.025%
36	7.491	1895	1913	1927	rBV	6436500	11424257	17.15%	7.981%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

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	7.565	1928	1936	1956	rVB	234686	421815	0.63%	0.295%
38	7.793	1997	2007	2020	rBV3	12900	24859	0.04%	0.017%
39	7.899	2026	2040	2052	rBV	815015	1391019	2.09%	0.972%
40	7.983	2052	2066	2111	rVB	5166184	8891365	13.34%	6.211%
41	8.179	2117	2127	2140	rVB	150018	246677	0.37%	0.172%
42	8.359	2172	2183	2197	rVB2	51123	89406	0.13%	0.062%
43	8.427	2203	2204	2207	rVB2	1290	479	0.00%	0.000%
44	8.475	2207	2219	2227	rBV2	7871	15619	0.02%	0.011%
45	8.520	2227	2233	2235	rBV	5250	5254	0.01%	0.004%
46	8.584	2235	2253	2265	rBV2	37154967	66627695	100.00%	46.545%
47	8.751	2298	2305	2335	rVB	63467	132417	0.20%	0.093%
48	8.915	2349	2356	2371	rVB3	11893	22677	0.03%	0.016%
49	9.018	2377	2388	2405	rVB	38890	68753	0.10%	0.048%
50	9.169	2423	2435	2458	rBV	84420	144713	0.22%	0.101%
51	9.314	2477	2480	2488	rVB4	1437	1724	0.00%	0.001%
52	9.362	2489	2495	2498	rBV5	1300	1541	0.00%	0.001%
53	9.417	2500	2512	2542	rVB	597264	1139473	1.71%	0.796%
54	9.629	2568	2578	2594	rBV5	14017	29358	0.04%	0.021%
55	9.828	2629	2640	2651	rBV3	13743	24850	0.04%	0.017%
56	9.938	2660	2674	2690	rBV	110068	182627	0.27%	0.128%
57	10.108	2724	2727	2731	rVV5	918	859	0.00%	0.001%
58	10.137	2731	2736	2740	rVB4	810	855	0.00%	0.001%
59	10.176	2745	2748	2752	rBV4	475	468	0.00%	0.000%
60	10.224	2759	2763	2766	rBV3	455	421	0.00%	0.000%
61	10.346	2793	2801	2806	rBV4	1600	2197	0.00%	0.002%
62	10.401	2815	2818	2823	rVB4	527	605	0.00%	0.000%
63	10.484	2839	2844	2849	rVB3	632	846	0.00%	0.001%
64	10.648	2886	2895	2909	rBV8	15387	27573	0.04%	0.019%
65	10.758	2911	2929	2952	rBV	637541	1036031	1.55%	0.724%
66	10.889	2958	2970	2980	rBV2	14235	25450	0.04%	0.018%
67	10.970	2987	2995	3004	rVB2	7992	11517	0.02%	0.008%
68	11.021	3007	3011	3014	rBV2	404	442	0.00%	0.000%
69	11.076	3024	3028	3031	rBV4	431	426	0.00%	0.000%
70	11.118	3039	3041	3049	rVB5	948	963	0.00%	0.001%
71	11.195	3056	3065	3075	rBV5	10079	16427	0.02%	0.011%
72	11.253	3075	3083	3099	rVB8	4827	8122	0.01%	0.006%
73	11.372	3111	3120	3129	rBV3	11787	17756	0.03%	0.012%
74	11.459	3138	3147	3155	rBV7	2192	3640	0.01%	0.003%
75	11.510	3155	3163	3178	rVB	16155	27238	0.04%	0.019%
76	11.587	3181	3187	3194	rVB6	2272	3343	0.01%	0.002%

LSC Area Percent Report

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Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

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	11.635	3198	3202	3209	rBV5	607	543	0.00%	0.000%
78	11.700	3214	3222	3224	rBV4	1506	1975	0.00%	0.001%
79	11.748	3224	3237	3247	rBV	555511	928349	1.39%	0.649%
80	11.812	3247	3257	3270	rVV	695210	1102372	1.65%	0.770%
81	11.877	3272	3277	3289	rVB4	17467	29685	0.04%	0.021%
82	12.066	3326	3336	3346	rBV5	6571	13704	0.02%	0.010%
83	12.147	3358	3361	3362	rBV2	736	421	0.00%	0.000%
84	12.195	3362	3376	3398	rVV2	881520	1675551	2.51%	1.171%
85	12.410	3437	3443	3455	rVB2	8118	10855	0.02%	0.008%
86	12.462	3455	3459	3460	rBV3	2040	1394	0.00%	0.001%
87	12.745	3542	3547	3548	rBV4	947	868	0.00%	0.001%
88	12.770	3548	3555	3569	rVB2	7415	12075	0.02%	0.008%
89	12.915	3592	3600	3610	rBV3	14793	21755	0.03%	0.015%
90	13.275	3708	3712	3716	rBV3	462	447	0.00%	0.000%
91	13.378	3736	3744	3753	rBV3	9634	13580	0.02%	0.009%
92	13.851	3888	3891	3895	rVB2	827	586	0.00%	0.000%
93	14.327	4034	4039	4047	rVB6	1563	2007	0.00%	0.001%
94	14.417	4062	4067	4070	rBV3	632	690	0.00%	0.000%
95	14.494	4082	4091	4103	rVB4	15039	22834	0.03%	0.016%
96	14.597	4110	4123	4131	rBV5	6041	10883	0.02%	0.008%
97	14.844	4194	4200	4207	rBV5	5323	7072	0.01%	0.005%
98	15.240	4319	4323	4326	rBV3	972	682	0.00%	0.000%
99	15.333	4348	4352	4362	rVB8	3250	4504	0.01%	0.003%
100	15.548	4411	4419	4428	rBV8	6304	9268	0.01%	0.006%

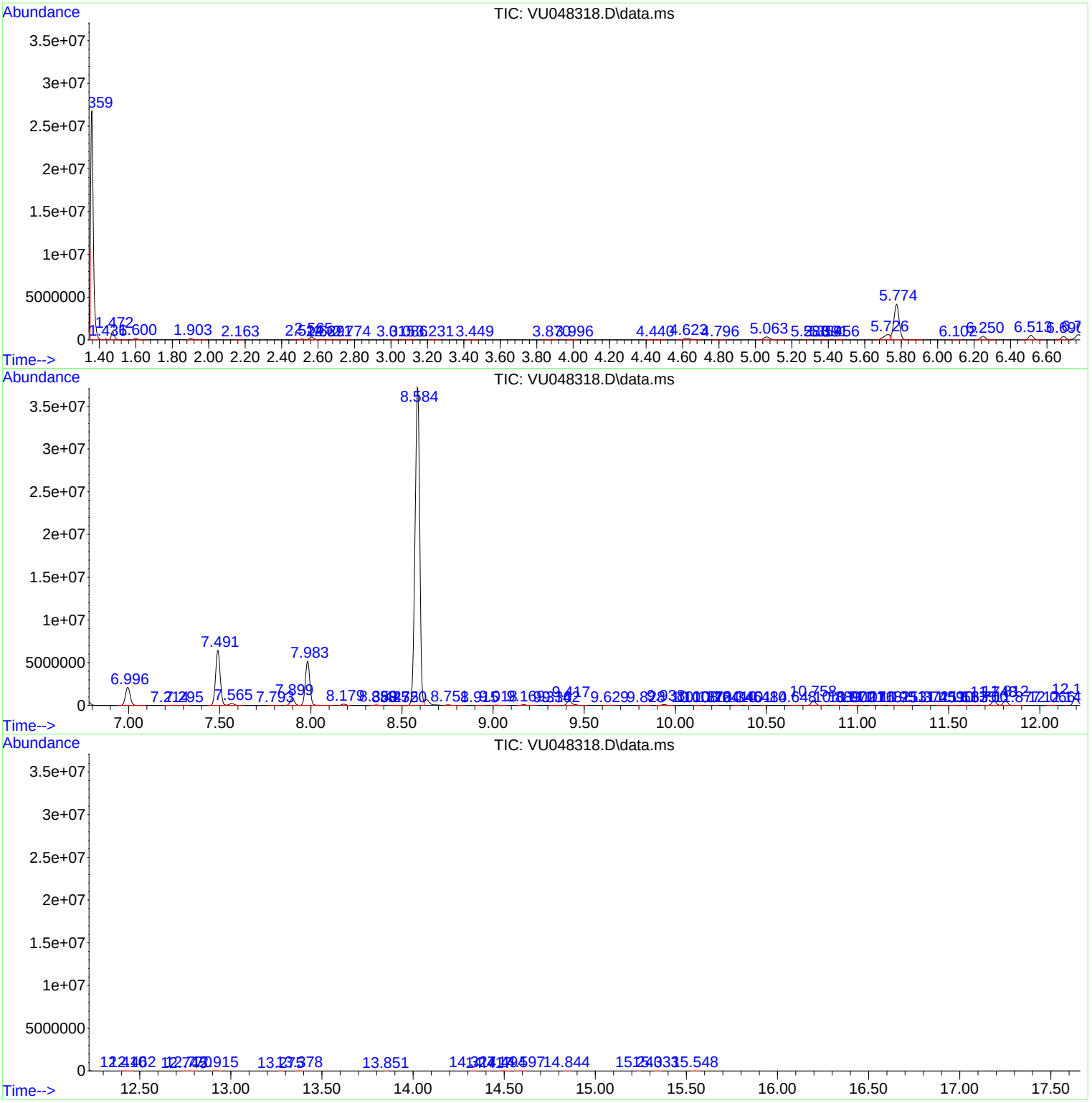
Sum of corrected areas: 143147984

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

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 : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

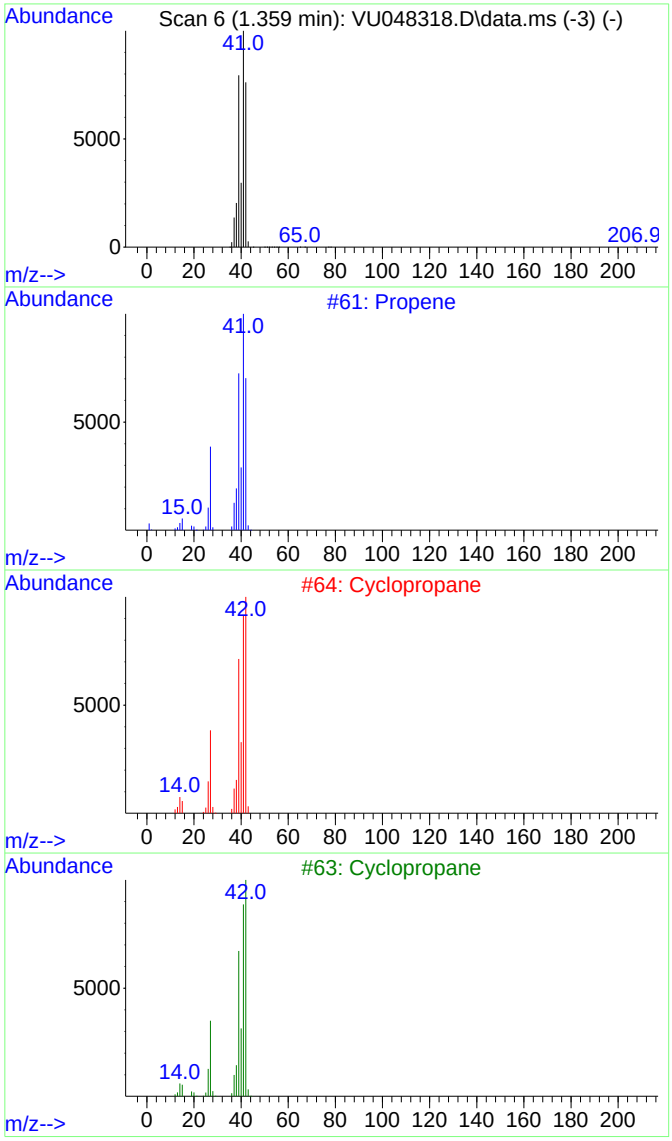
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

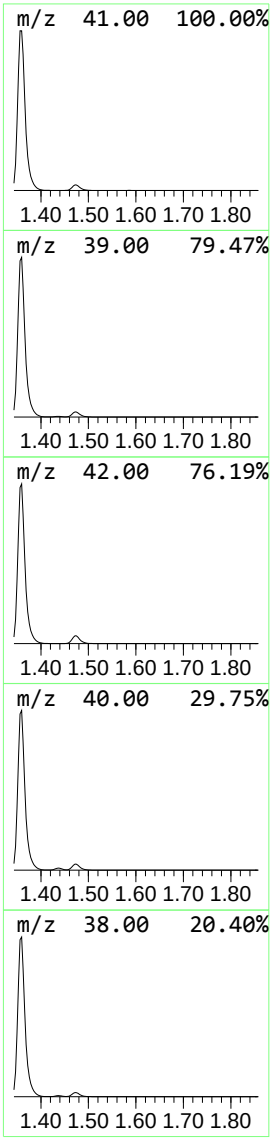
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.359	1634.37 ug/L	25583900	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 : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

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

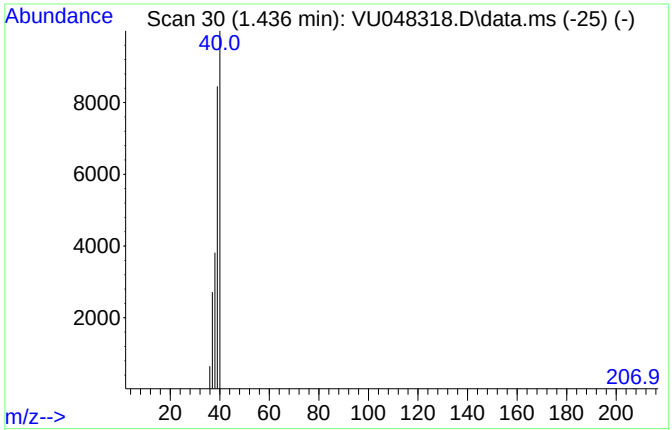
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

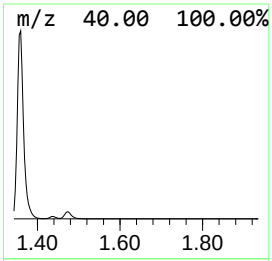
****

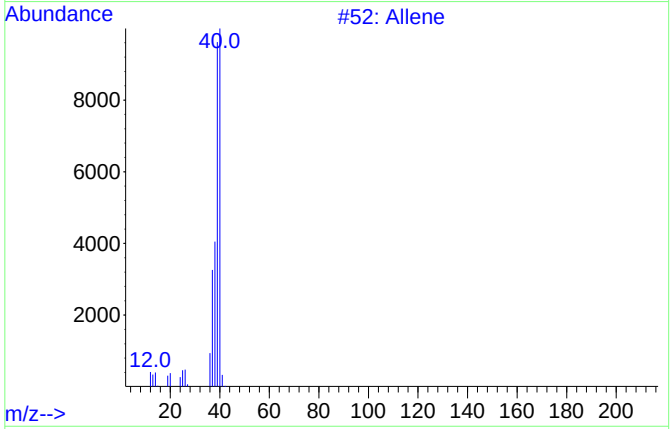
Peak Number 2 Allene Concentration Rank 14

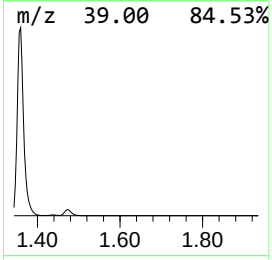
R.T.	EstConc	Area	Relative to ISTD	R.T.
1.436	4.69 ug/L	73459	1,4-Difluorobenzene	6.250

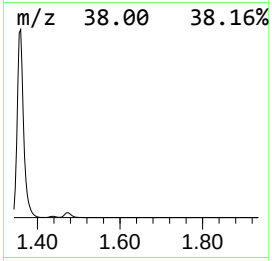
Hit# of 2	Tentative ID	MW	MolForm	CAS#	Qual
1	Allene	40	C3H4	000463-49-0	90
2	2-Chloroethylamine	79	C2H6ClN	000689-98-5	1

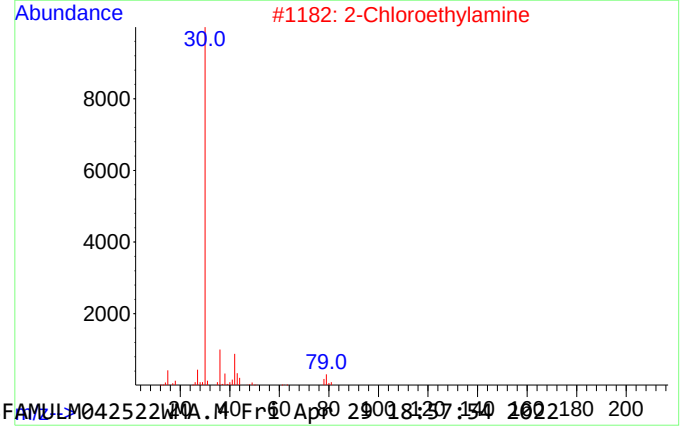


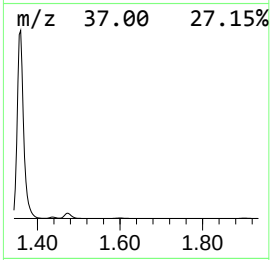


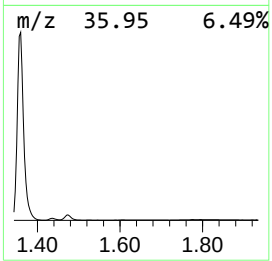












Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

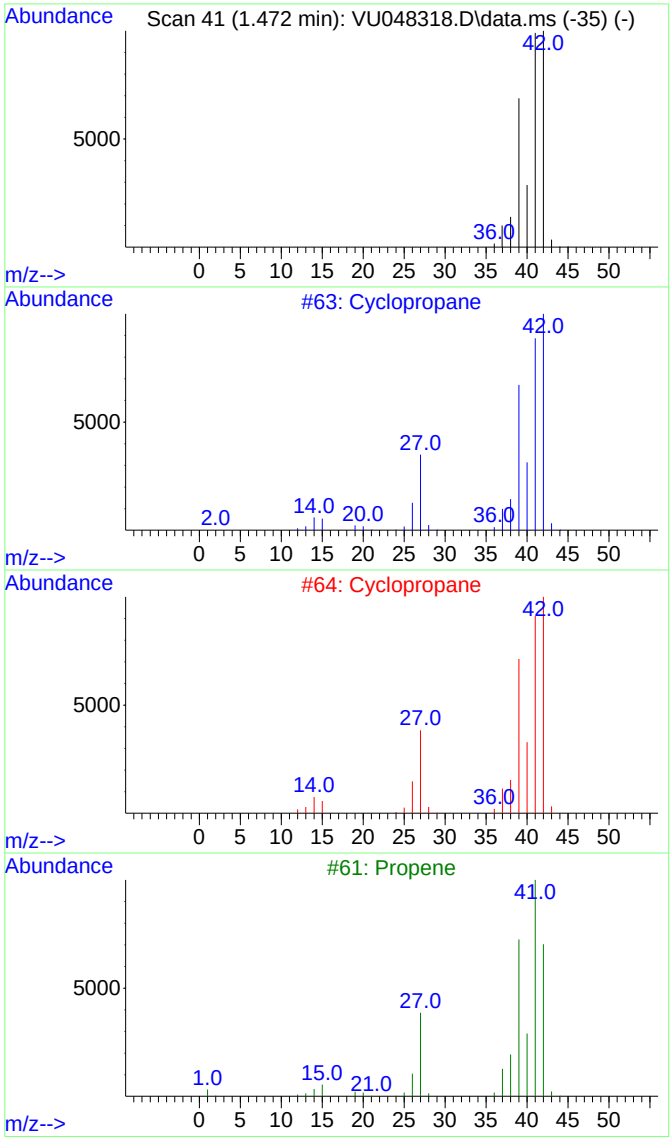
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

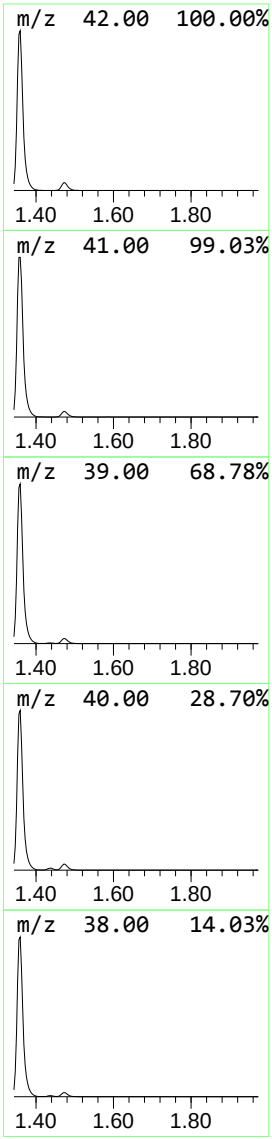
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic1.472 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.472	73.82 ug/L	1155600	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 : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

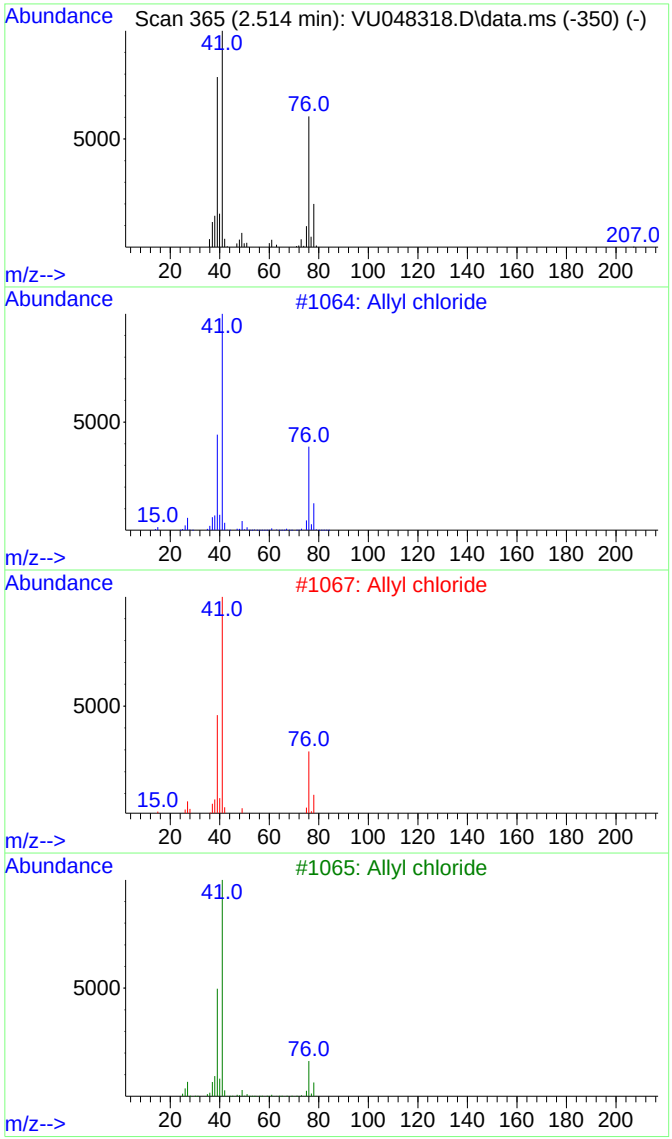
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

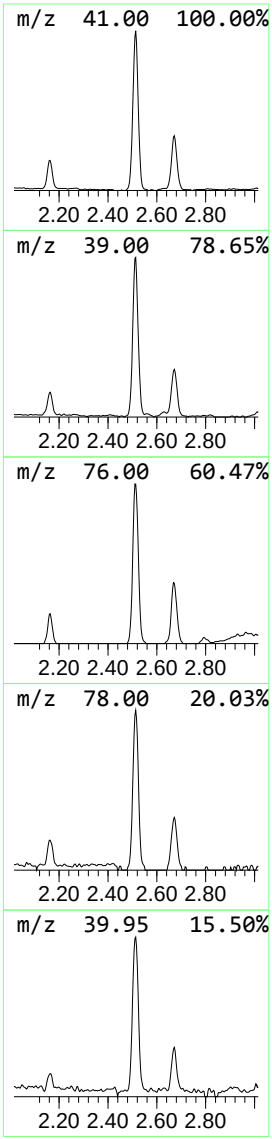
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Allyl chloride Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.514	9.81 ug/L	153565	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allyl chloride	76	C3H5Cl	000107-05-1	91
2	Allyl chloride	76	C3H5Cl	000107-05-1	90
3	Allyl chloride	76	C3H5Cl	000107-05-1	90
4	Allyl chloride	76	C3H5Cl	000107-05-1	90
5	1-Propyne, 3-chloro-	74	C3H3Cl	000624-65-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

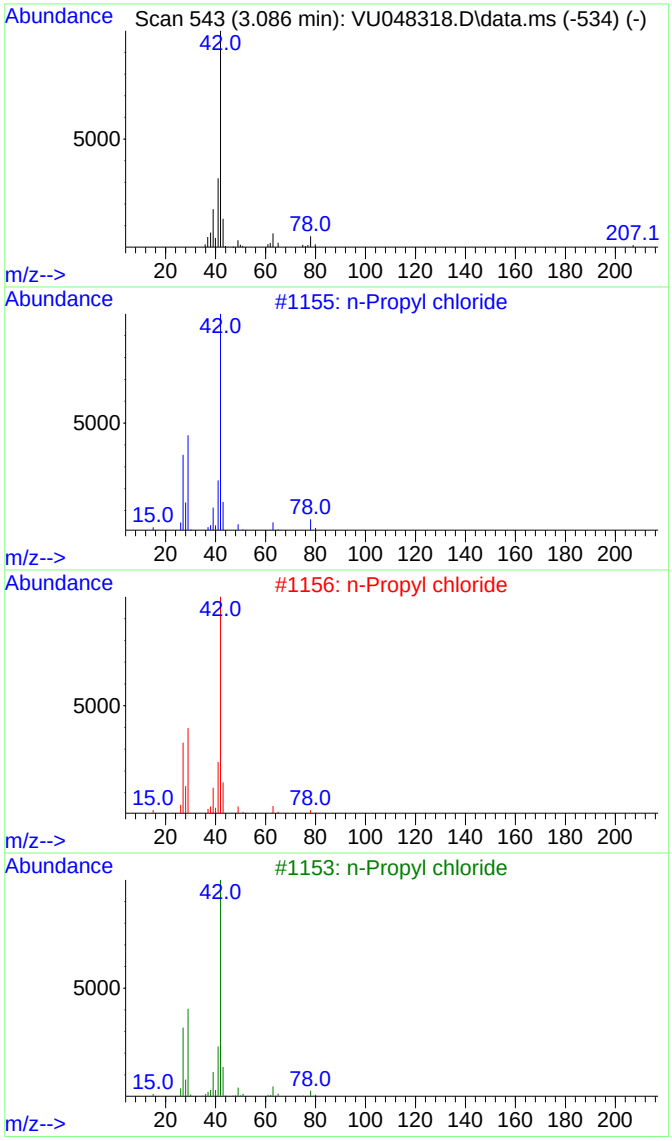
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

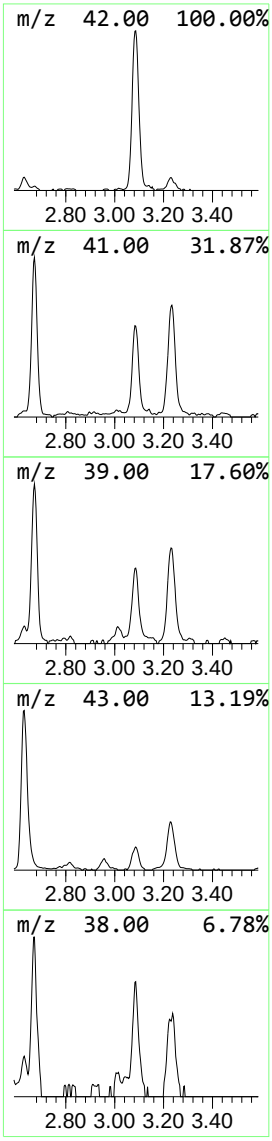
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.086	3.89 ug/L	60853	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl chloride	78	C3H7Cl	000540-54-5	80
2	n-Propyl chloride	78	C3H7Cl	000540-54-5	56
3	n-Propyl chloride	78	C3H7Cl	000540-54-5	40
4	n-Propyl chloride	78	C3H7Cl	000540-54-5	40
5	2,5-Furandione, dihydro-3-methyl-	114	C5H6O3	004100-80-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

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

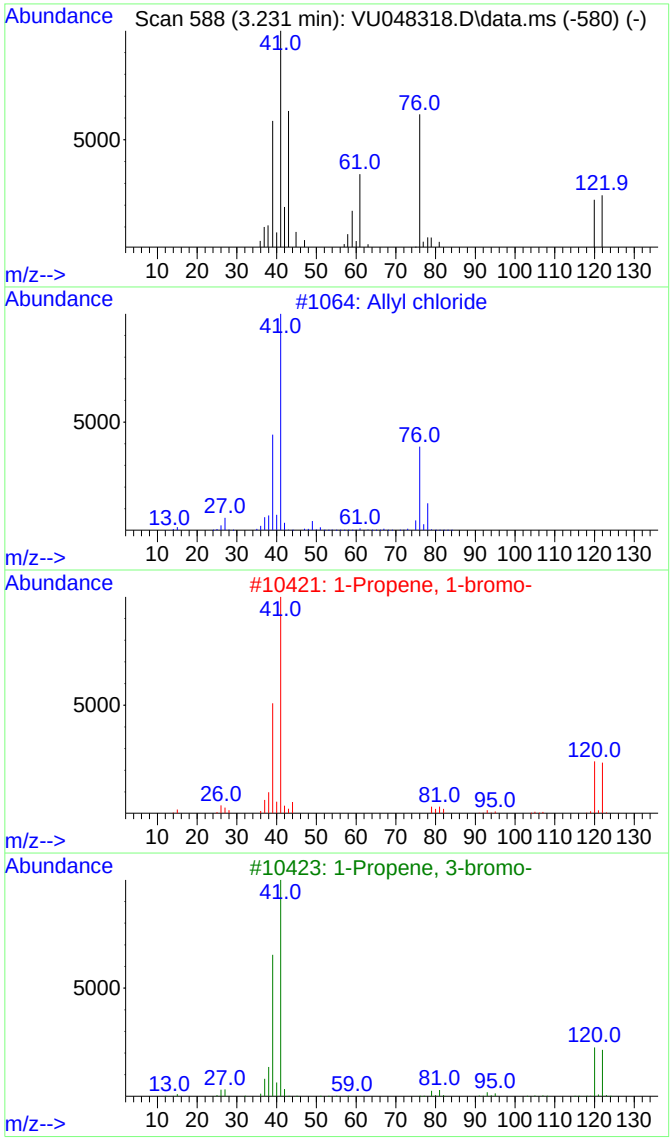
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

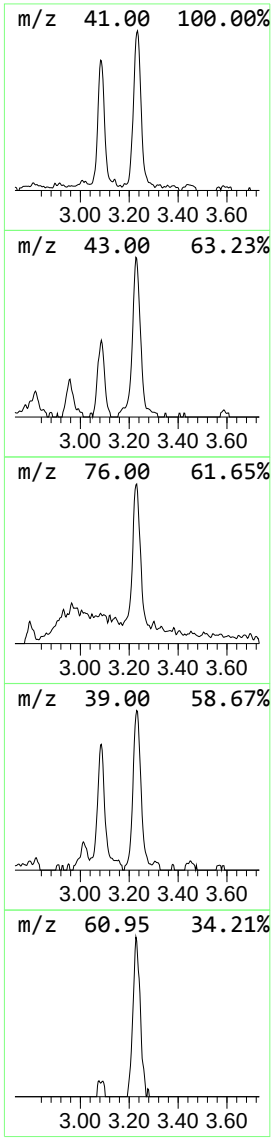
****

Peak Number 6 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.231	4.13 ug/L	64659	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allyl chloride	76	C3H5Cl	000107-05-1	46
2	1-Propene, 1-bromo-	120	C3H5Br	000590-14-7	46
3	1-Propene, 3-bromo-	120	C3H5Br	000106-95-6	46
4	Isopropenyl bromide	120	C3H5Br	000557-93-7	46
5	1-Propene, 1-bromo-	120	C3H5Br	000590-14-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

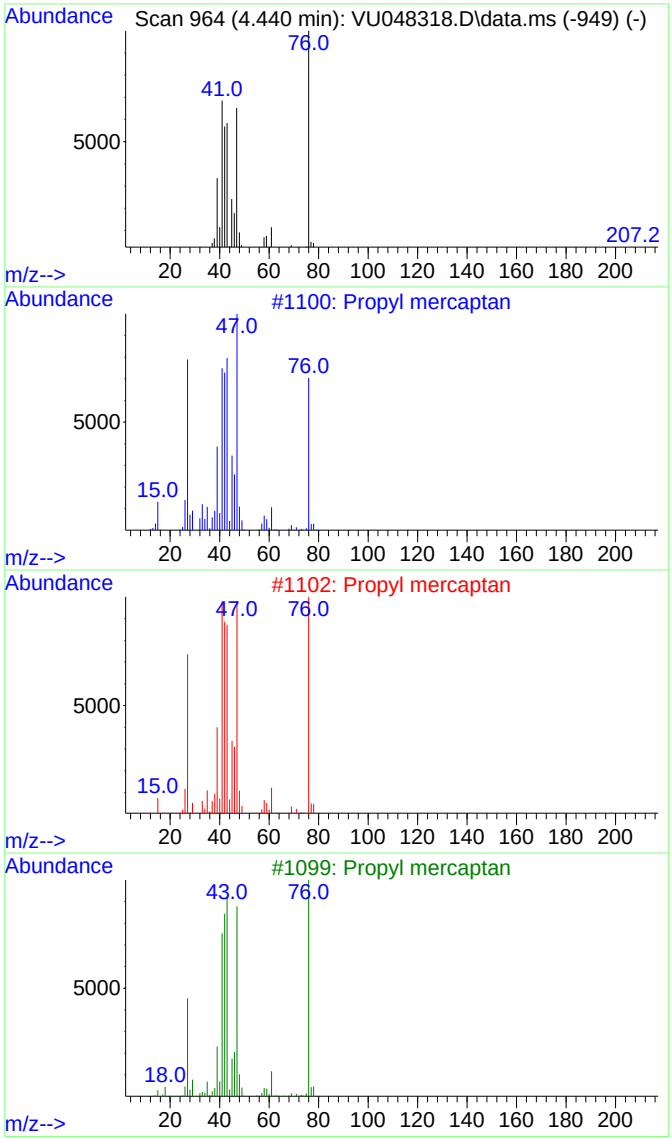
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

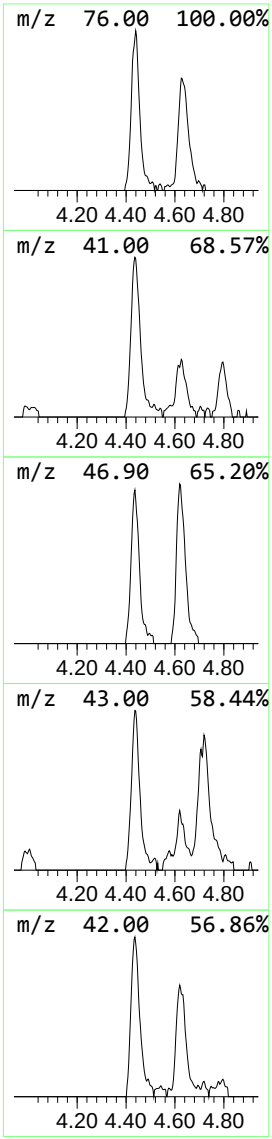
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Propyl mercaptan Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.440	3.33 ug/L	52090	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	91
5	Propyl mercaptan	76	C3H8S	000107-03-9	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

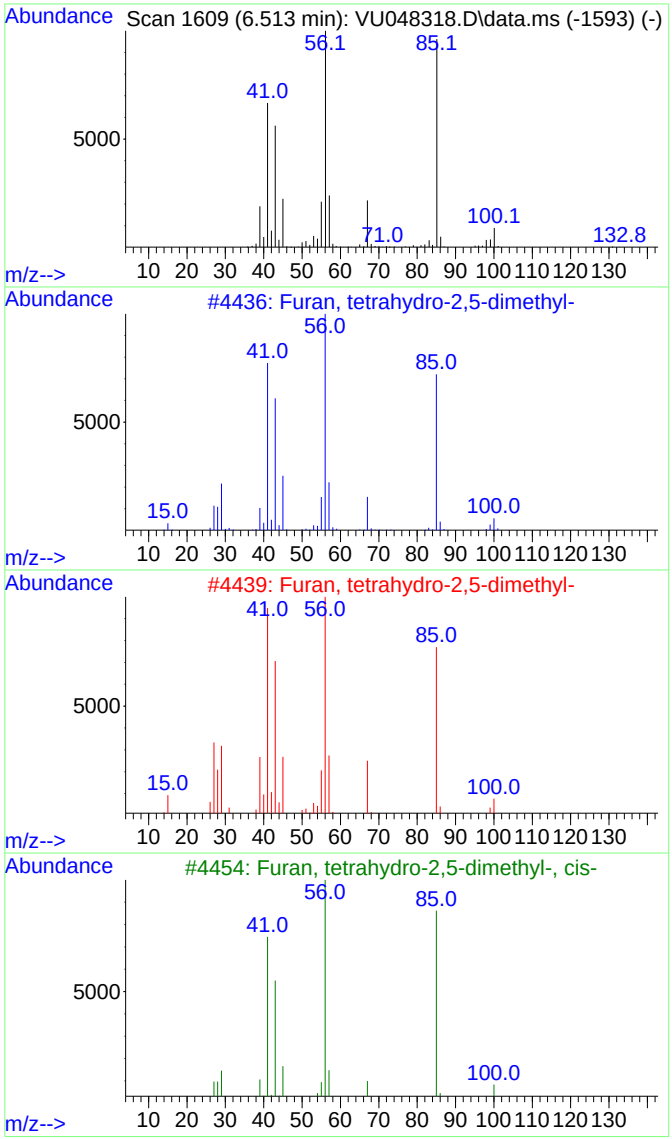
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

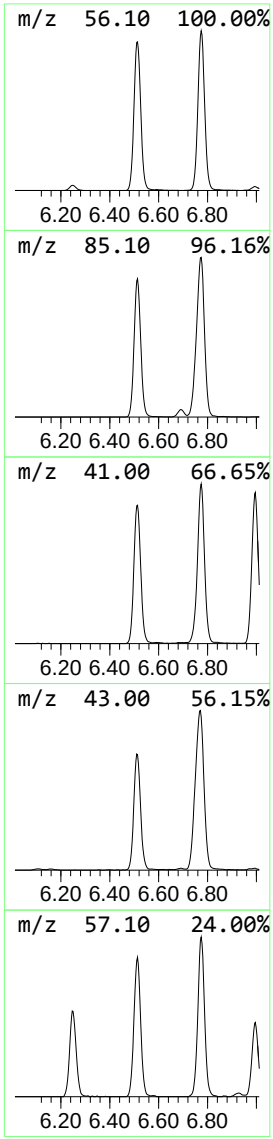
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Furan, tetrahydro-2,5-dimet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.513	64.89 ug/L	1015730	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	81
3	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	002144-41-4	80
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 : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

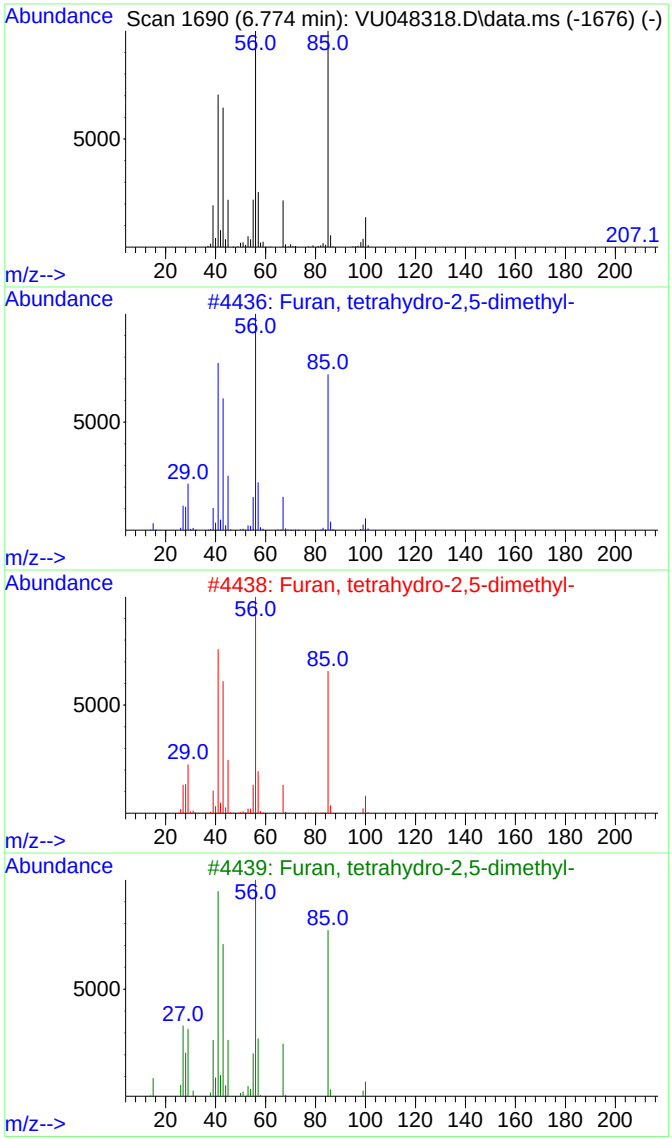
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

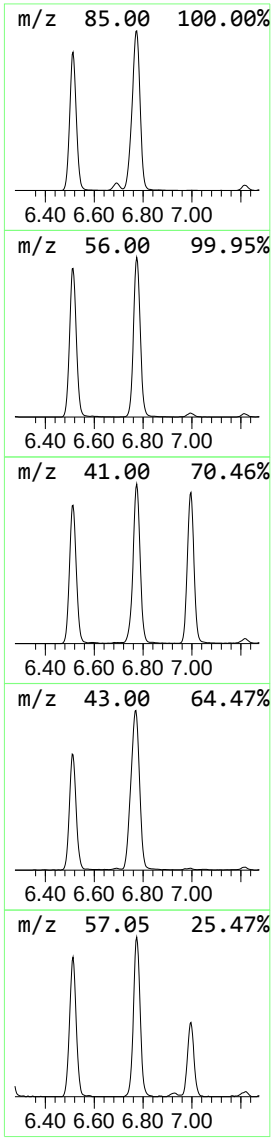
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.774	85.65 ug/L	1340690	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	91
4	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	002144-41-4	72
5	2H-Pyran-2-ol, tetrahydro-	102	C5H10O2	000694-54-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

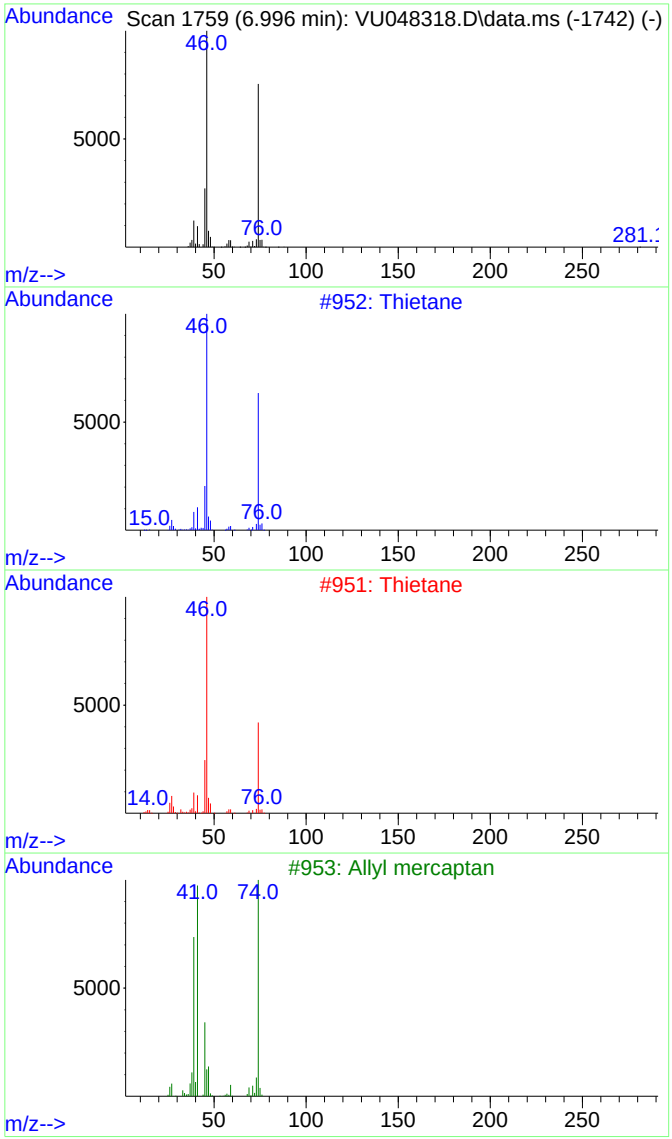
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

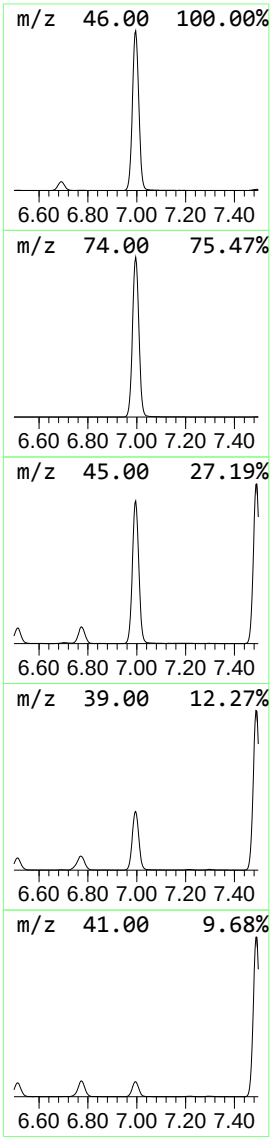
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Thietane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.996	249.07 ug/L	3898870	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	37
4	Thiirane, methyl-	74	C3H6S	001072-43-1	25
5	Thiirane, methyl-	74	C3H6S	001072-43-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

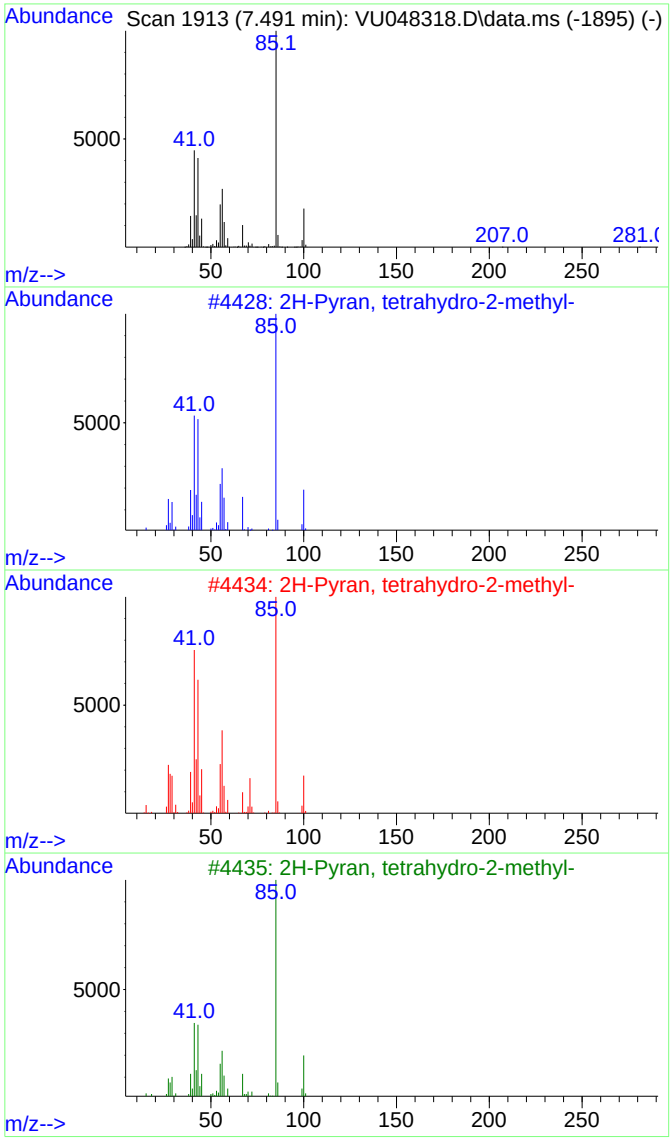
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

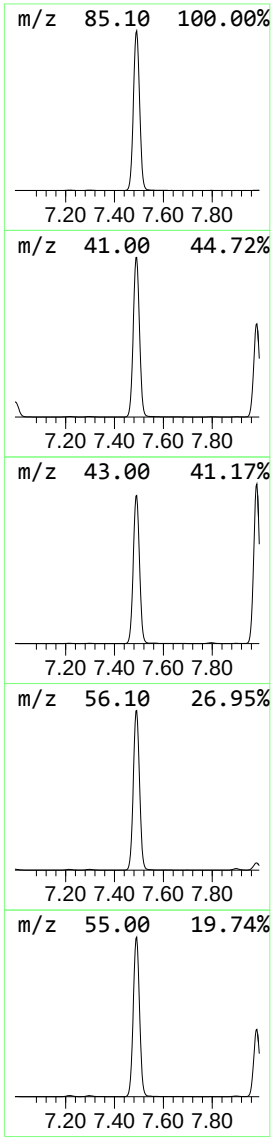
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.491	729.81 ug/L	11424300	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	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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

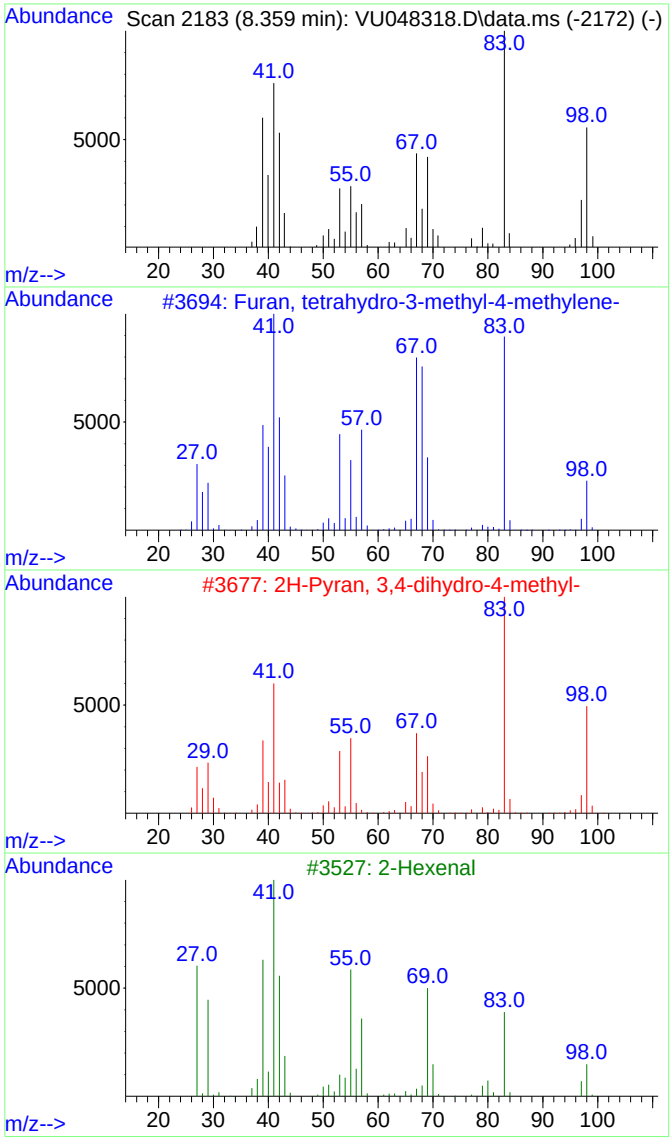
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

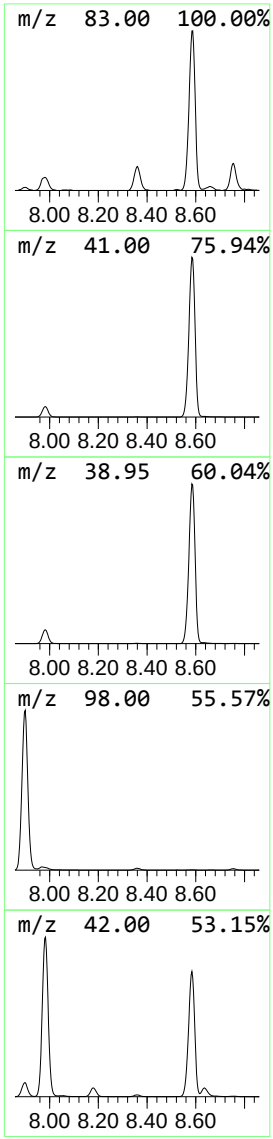
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Furan, tetrahydro-3-methyl-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.359	3.92 ug/L	89406	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	70
3	2-Hexenal	98	C6H10O	000505-57-7	64
4	2-Hexenal, (E)-	98	C6H10O	006728-26-3	62
5	4,4-Dimethyl-2-imidazoline	98	C5H10N2	002305-59-1	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

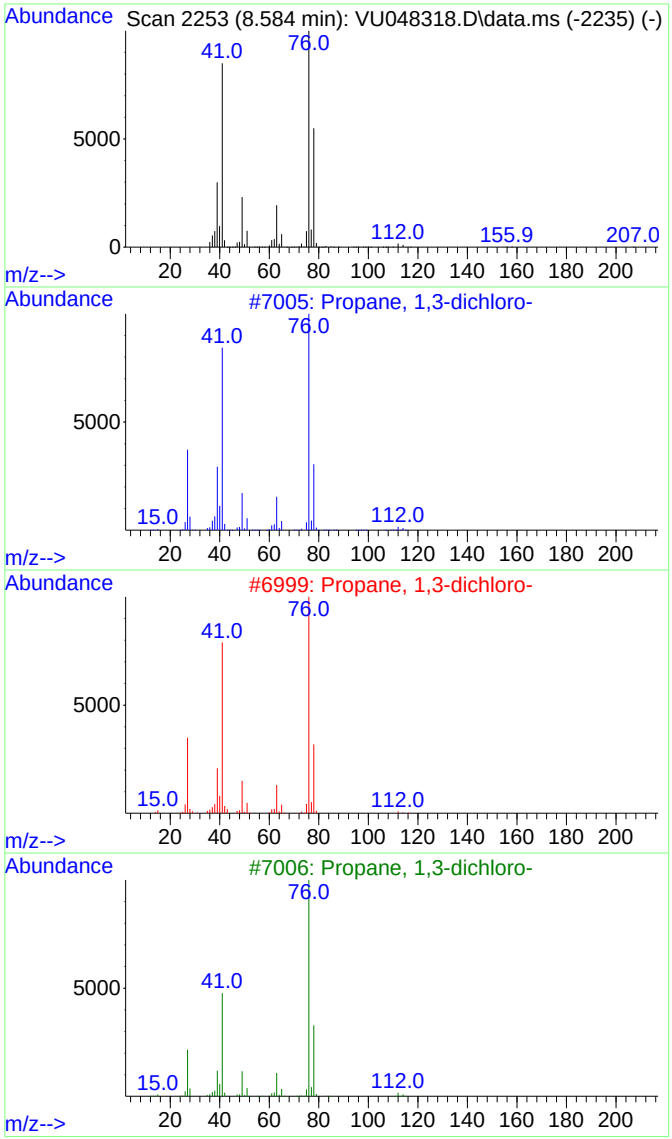
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

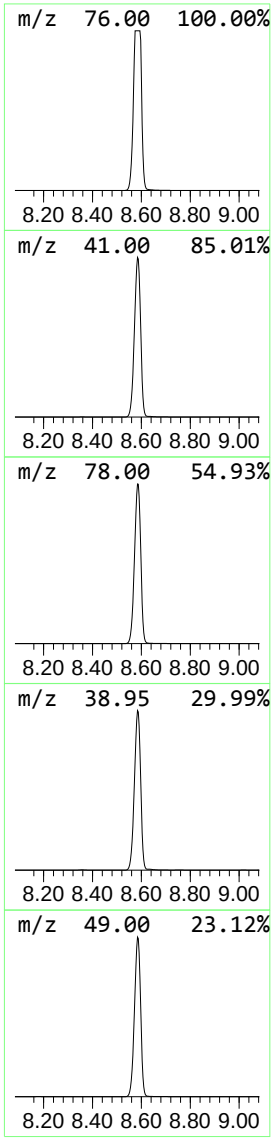
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Propane, 1,3-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.584	2923.62 ug/L	66627700	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	91
2	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	81
3	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	59
4	Allyl chloride	76	C3H5Cl	000107-05-1	9
5	1-Propene, 2-chloro-	76	C3H5Cl	000557-98-2	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

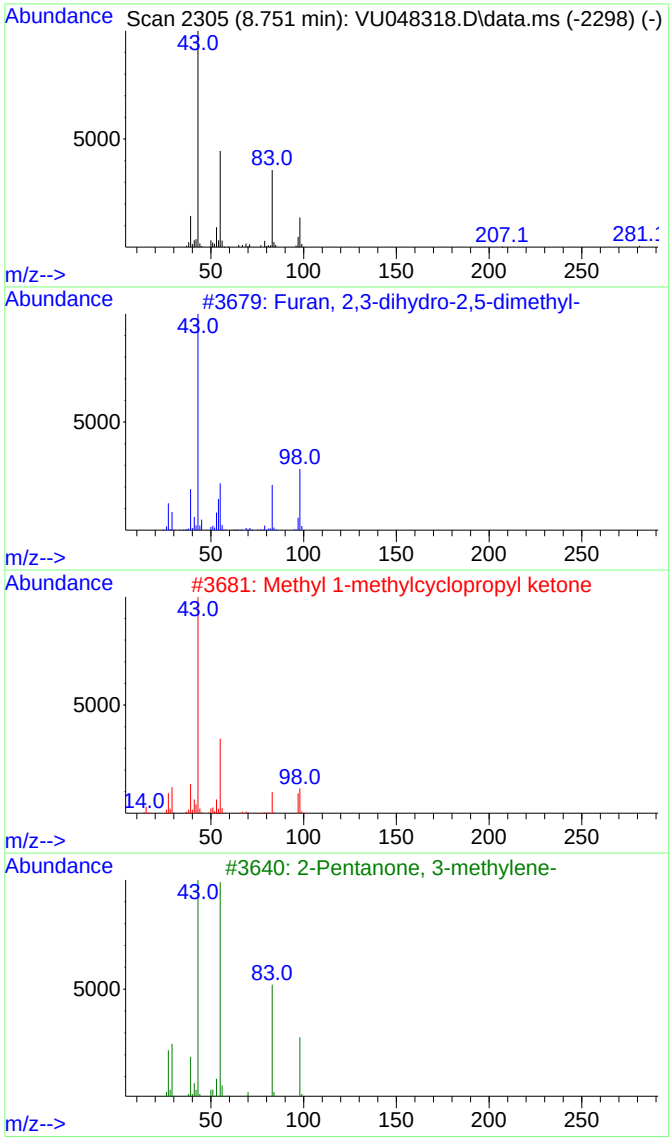
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

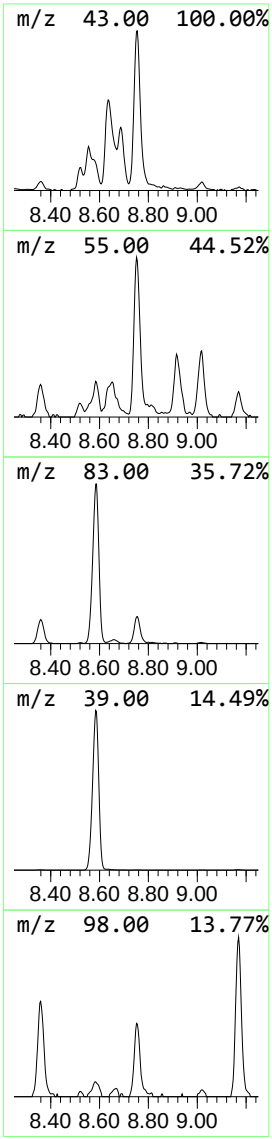
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Furan, 2,3-dihydro-2,5-dime... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.751	5.81 ug/L	132417	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,3-dihydro-2,5-dimethyl-	98	C6H10O	017108-52-0	72
2	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	53
3	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	53
4	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	43
5	Ethanone, 1-cyclobutyl-	98	C6H10O	003019-25-8	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

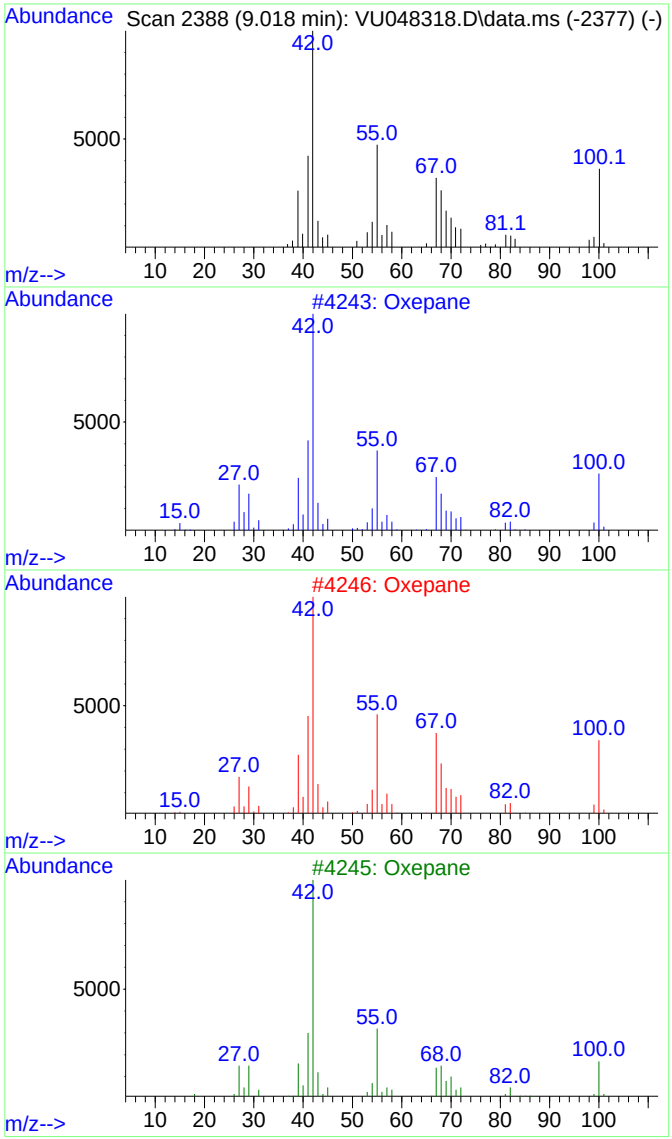
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

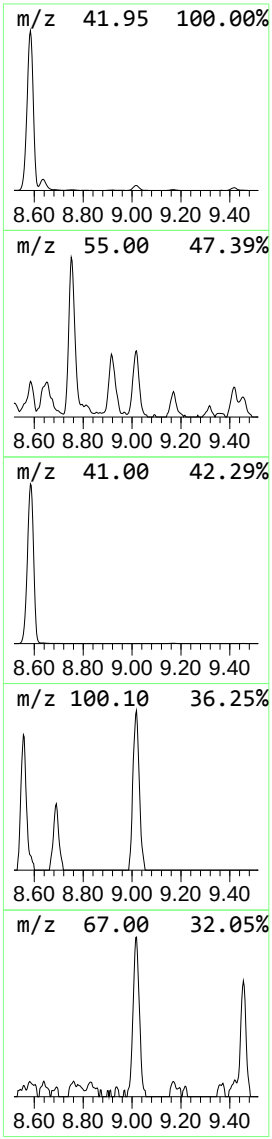
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Oxepane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.018	3.02 ug/L	68753	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	94
3	Oxepane	100	C6H12O	000592-90-5	86
4	Oxepane	100	C6H12O	000592-90-5	49
5	2H-Pyran-3(4H)-one, dihydro-	100	C5H8O2	023462-75-1	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

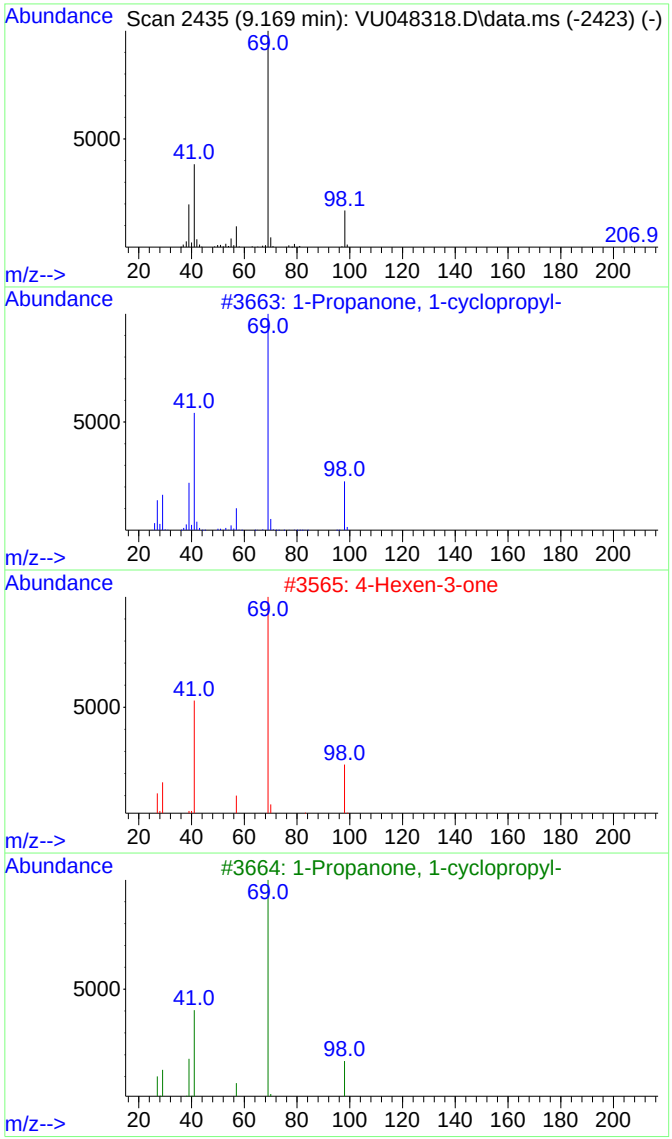
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

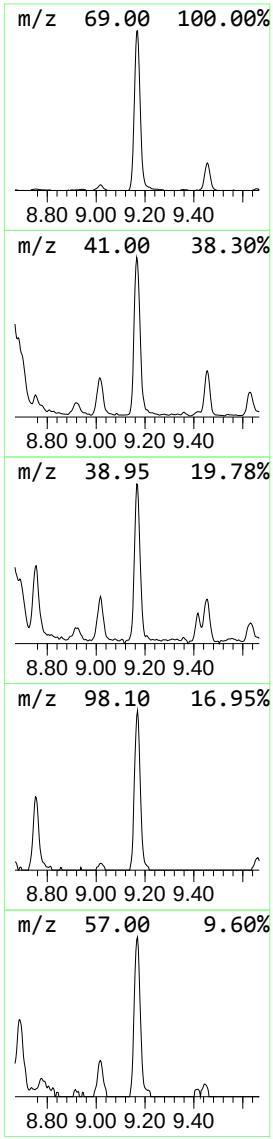
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1-Propanone, 1-cyclopropyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	6.35 ug/L	144713	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	4-Hexen-3-one	98	C6H10O	002497-21-4	80
3	1-Propanone, 1-cyclopropyl-	98	C6H10O	006704-19-4	56
4	Cyclopropanecarboxylic acid, 4-n...	207	C10H9NO4	1010307-52-7	53
5	4-Hexen-3-one	98	C6H10O	002497-21-4	50





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Data File : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

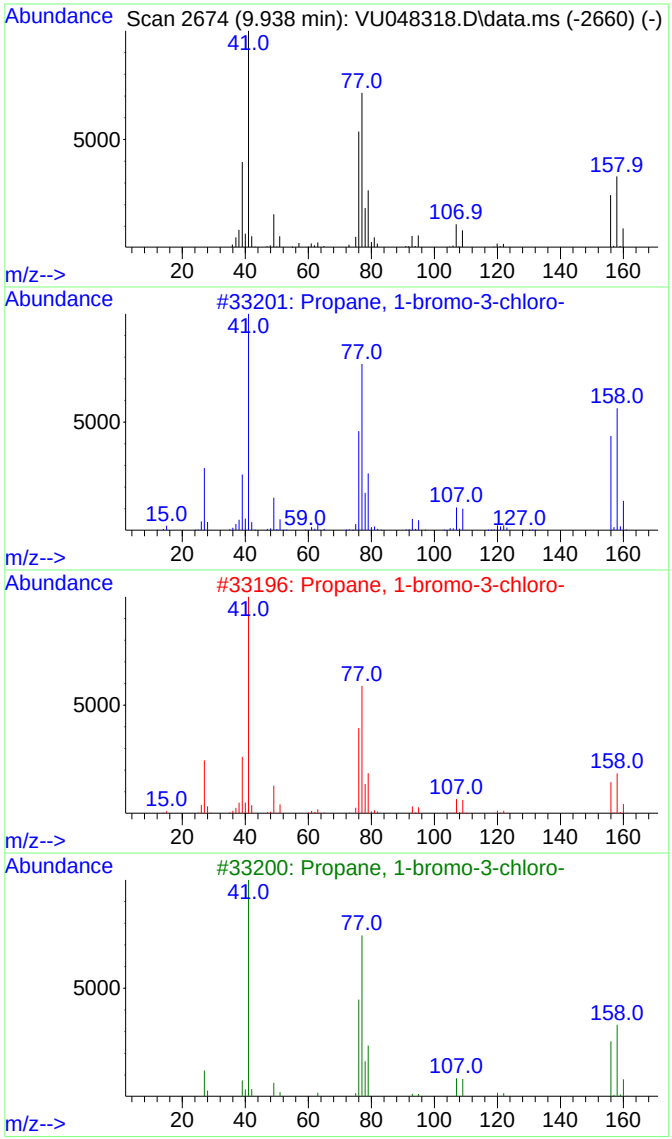
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

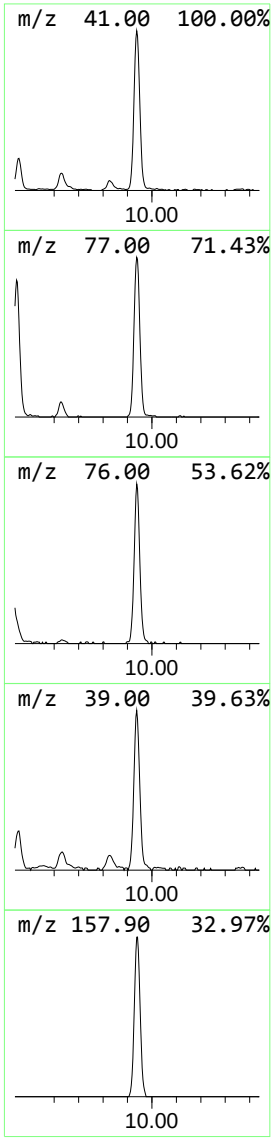
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Propane, 1-bromo-3-chloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.938	8.01 ug/L	182627	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-bromo-3-chloro-	156	C3H6BrCl	000109-70-6	95
2	Propane, 1-bromo-3-chloro-	156	C3H6BrCl	000109-70-6	94
3	Propane, 1-bromo-3-chloro-	156	C3H6BrCl	000109-70-6	94
4	Propane, 1-bromo-3-chloro-	156	C3H6BrCl	000109-70-6	68
5	Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

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

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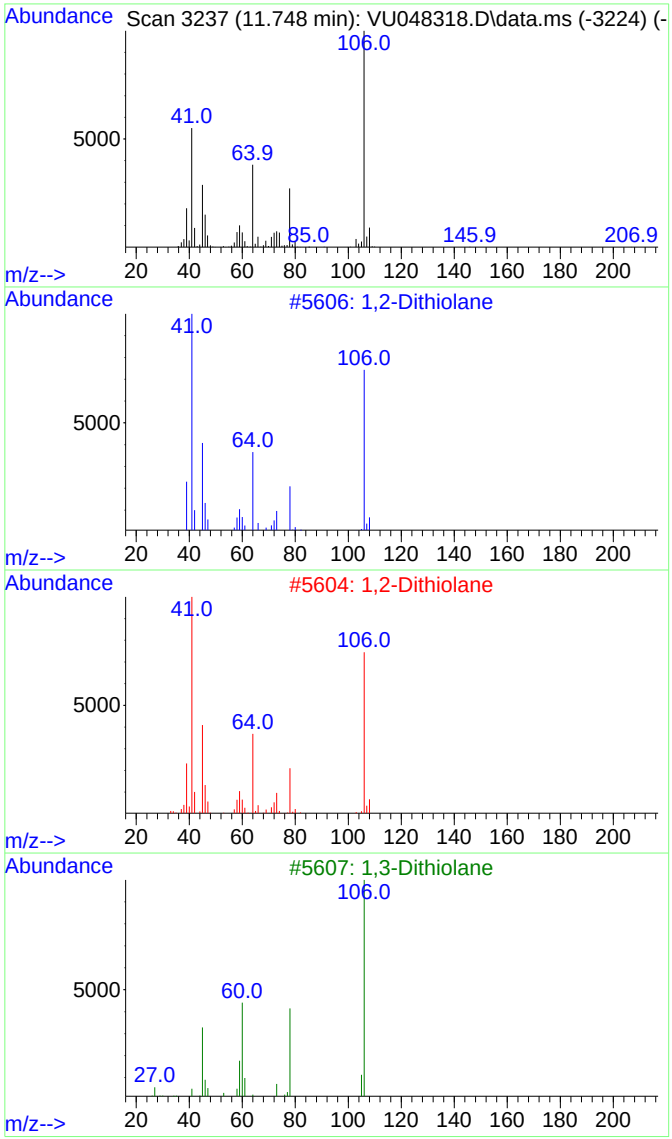
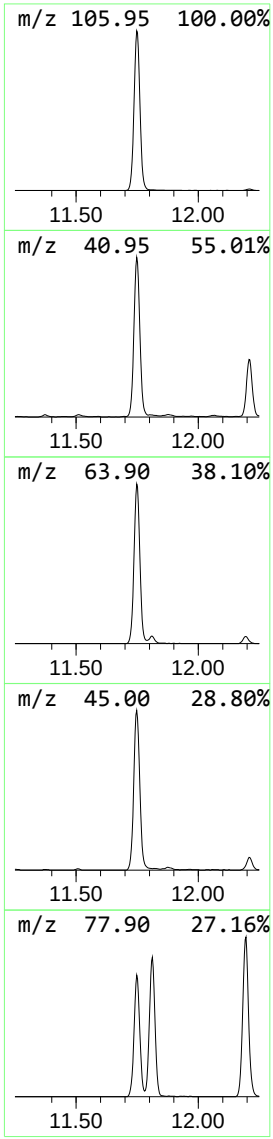
Peak Number 19 1,2-Dithiolane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.748	42.11 ug/L	928349	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	27
4	Carbonothioic dihydrazide	106	CH6N4S	002231-57-4	22
5	3-Pyridinecarboxylic acid, 2-pro...	163	C9H9NO2	025635-12-5	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048318.D
Acq On : 27 Apr 2022 16:36
Operator : SY/MD
Sample : N2587-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET2

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	1634.4	ug/L	25583900	1	6.250	782684	50.0
Allene	1.436	4.7	ug/L	73459	1	6.250	782684	50.0
(DEL) Alkane: C...	1.472	73.8	ug/L	1155600	1	6.250	782684	50.0
Allyl chloride	2.514	9.8	ug/L	153565	1	6.250	782684	50.0
n-Propyl chloride	3.086	3.9	ug/L	60853	1	6.250	782684	50.0
unknown-01	3.231	4.1	ug/L	64659	1	6.250	782684	50.0
Propyl mercaptan	4.440	3.3	ug/L	52090	1	6.250	782684	50.0
Furan, tetrahyd...	6.513	64.9	ug/L	1015730	1	6.250	782684	50.0
Furan, tetrahyd...	6.774	85.7	ug/L	1340690	1	6.250	782684	50.0
Thietane	6.996	249.1	ug/L	3898870	1	6.250	782684	50.0
2H-Pyran, tetra...	7.491	729.8	ug/L	11424300	1	6.250	782684	50.0
Furan, tetrahyd...	8.359	3.9	ug/L	89406	2	9.417	1139470	50.0
Propane, 1,3-di...	8.584	2923.6	ug/L	66627700	2	9.417	1139470	50.0
Furan, 2,3-dihy...	8.751	5.8	ug/L	132417	2	9.417	1139470	50.0
Oxepane	9.018	3.0	ug/L	68753	2	9.417	1139470	50.0
1-Propanone, 1-...	9.169	6.3	ug/L	144713	2	9.417	1139470	50.0
Propane, 1-brom...	9.938	8.0	ug/L	182627	2	9.417	1139470	50.0
1,2-Dithiolane	11.748	42.1	ug/L	928349	3	11.812	1102370	50.0