LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027162.D
Acq On : 02 Aug 2022 10:15
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

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_V\Method\SFAMVLM080122WMA.M
Title : VOC Analysis

Signal : TIC: VV027162.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.105	13	20	44	rBV	27077509	29663088	41.71%	18.041%
2	1.198	44	49	74	rVV	1389273	1748295	2.46%	1.063%
3	1.304	76	82	101	rVB	330383	389171	0.55%	0.237%
4	1.564	156	163	179	rVB	267501	303593	0.43%	0.185%
5	1.773	223	228	240	rVB	20939	26938	0.04%	0.016%
6	2.060	310	317	323	rBV	130068	172451	0.24%	0.105%
7	2.105	323	331	343	rVB	545717	767767	1.08%	0.467%
8	2.471	439	445	452	rBV3	5868	9770	0.01%	0.006%
9	2.536	457	465	488	rVB	47069	89079	0.13%	0.054%
10	2.654	488	502	523	rBV2	60139	120113	0.17%	0.073%
11	2.841	552	560	565	rBV8	1152	1606	0.00%	0.001%
12	2.883	570	573	577	rBV3	505	404	0.00%	0.000%
13	2.928	584	587	589	rBV3	625	426	0.00%	0.000%
14	3.027	615	618	623	rVB3	696	577	0.00%	0.000%
15	3.188	656	668	680	rBV2	7516	16290	0.02%	0.010%
16	3.288	693	699	701	rBV6	1133	1234	0.00%	0.001%
17	3.420	733	740	741	rBV2	610	571	0.00%	0.000%
18	3.677	807	820	846	rBV2	53036	136448	0.19%	0.083%
19	3.876	872	882	920	rBV	167051	501787	0.71%	0.305%
20	4.252	995	999	1004	rVB4	841	758	0.00%	0.000%
21	4.343	1004	1027	1066	rBV	405449	1045639	1.47%	0.636%
22	4.590	1102	1104	1110	rVB5	548	425	0.00%	0.000%
23	4.670	1120	1129	1132	rBV6	1383	2086	0.00%	0.001%
24	4.950	1213	1216	1218	rBV2	513	414	0.00%	0.000%
25	5.043	1225	1245	1250	rBV2	892038	2011548	2.83%	1.223%
26	5.092	1251	1260	1308	rVB	4963388	10930898	15.37%	6.648%
27	5.613	1410	1422	1455	rBV	698344	1440822	2.03%	0.876%
28	5.889	1494	1508	1545	rBV	569275	1212003	1.70%	0.737%
29	6.066	1550	1563	1577	rVV	504419	1029307	1.45%	0.626%
30	6.162	1578	1593	1629	rVB3	622931	1514554	2.13%	0.921%
31	6.371	1643	1658	1700	rBV	2474811	4702741	6.61%	2.860%
32	6.629	1730	1738	1754	rBV4	16217	31310	0.04%	0.019%
33	6.712	1756	1764	1781	rVB6	17020	34912	0.05%	0.021%
34	6.895	1806	1821	1840	rBV	7198721	13059606	18.36%	7.943%
35	6.982	1840	1848	1875	rVB	301800	576256	0.81%	0.350%
36	7.236	1920	1927	1939	rBV3	10025	17162	0.02%	0.010%

LSC Area Percent Report

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Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
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Instrument :
MSVOA_V
ClientSampleId :
EXF03

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_V\Method\SFAMVLM080122WMA.M
Title : VOC Analysis

37	7.313	1939	1951	1967	rBV	1036963	1817506	2.56%	1.105%
38	7.403	1967	1979	2016	rVB	5580997	9682418	13.61%	5.889%
39	7.619	2037	2046	2065	rVB	192585	329964	0.46%	0.201%
40	7.789	2089	2099	2121	rVB2	45203	88288	0.12%	0.054%
41	8.021	2151	2171	2184	rBV2	37556962	71119353	100.00%	43.255%
42	8.085	2184	2191	2221	rVV	717925	1428446	2.01%	0.869%
43	8.207	2223	2229	2254	rVB2	54561	116018	0.16%	0.071%
44	8.448	2295	2304	2318	rVB2	36506	66103	0.09%	0.040%
45	8.622	2349	2358	2378	rBV	66948	123695	0.17%	0.075%
46	8.850	2417	2429	2463	rBV	1056591	1846691	2.60%	1.123%
47	9.075	2491	2499	2512	rBV5	13988	25973	0.04%	0.016%
48	9.281	2554	2563	2575	rBV7	11911	24850	0.03%	0.015%
49	9.381	2584	2594	2611	rBV	120181	198839	0.28%	0.121%
50	9.590	2657	2659	2666	rVB6	683	660	0.00%	0.000%
51	9.667	2679	2683	2687	rBV5	513	525	0.00%	0.000%
52	9.741	2700	2706	2707	rBV2	644	544	0.00%	0.000%
53	9.799	2717	2724	2725	rBV4	966	795	0.00%	0.000%
54	9.815	2725	2729	2733	rBV4	1561	1538	0.00%	0.001%
55	9.931	2761	2765	2767	rBV2	561	386	0.00%	0.000%
56	10.018	2787	2792	2801	rBV7	2255	3316	0.00%	0.002%
57	10.085	2803	2813	2824	rVB4	16687	28673	0.04%	0.017%
58	10.162	2828	2837	2841	rBV6	2157	3120	0.00%	0.002%
59	10.214	2841	2853	2877	rVB	774959	1212354	1.70%	0.737%
60	10.407	2899	2913	2925	rVB3	10727	19596	0.03%	0.012%
61	10.529	2946	2951	2953	rVV3	531	472	0.00%	0.000%
62	10.632	2973	2983	2991	rBV5	11539	18291	0.03%	0.011%
63	10.686	2991	3000	3012	rVV5	4303	9368	0.01%	0.006%
64	10.828	3034	3044	3051	rBV5	9499	15773	0.02%	0.010%
65	10.960	3076	3085	3094	rBV4	15150	24909	0.04%	0.015%
66	11.169	3137	3150	3163	rBV	404195	687124	0.97%	0.418%
67	11.246	3164	3174	3188	rBV	1130774	1742931	2.45%	1.060%
68	11.535	3253	3264	3278	rBV2	18315	37625	0.05%	0.023%
69	11.622	3279	3291	3327	rVV2	1039874	2020787	2.84%	1.229%
70	11.812	3348	3350	3354	rVB4	992	465	0.00%	0.000%
71	11.850	3354	3362	3374	rVV4	7691	12078	0.02%	0.007%
72	11.918	3378	3383	3390	rVB7	2003	2328	0.00%	0.001%
73	12.152	3450	3456	3458	rBV3	1481	1102	0.00%	0.001%
74	12.204	3469	3472	3476	rBV3	1135	866	0.00%	0.001%
75	12.320	3501	3508	3511	rBV5	1343	1674	0.00%	0.001%
76	12.358	3511	3520	3529	rBV2	14106	21491	0.03%	0.013%

LSC Area Percent Report

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Acq On : 02 Aug 2022 10:15
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Title : VOC Analysis

77	12.648	3606	3610	3612	rBV3	602	495	0.00%	0.000%
78	12.683	3618	3621	3624	rBV3	410	366	0.00%	0.000%
79	12.706	3624	3628	3633	rVB4	602	540	0.00%	0.000%
80	12.818	3655	3663	3674	rBV4	13386	21846	0.03%	0.013%
81	12.969	3706	3710	3714	rBV4	1077	1032	0.00%	0.001%
82	13.104	3744	3752	3755	rBV3	851	1011	0.00%	0.001%
83	13.159	3764	3769	3775	rBV4	1309	1461	0.00%	0.001%
84	13.223	3786	3789	3795	rBV3	458	459	0.00%	0.000%
85	13.271	3801	3804	3807	rVB2	659	444	0.00%	0.000%
86	13.323	3816	3820	3828	rVB3	1311	1297	0.00%	0.001%
87	13.461	3859	3863	3865	rBV3	625	489	0.00%	0.000%
88	13.751	3948	3953	3958	rBV5	1602	1884	0.00%	0.001%
89	13.773	3958	3960	3966	rVB4	459	402	0.00%	0.000%
90	13.828	3970	3977	3983	rBV5	2340	3328	0.00%	0.002%
91	13.905	3992	4001	4011	rBV4	24950	37529	0.05%	0.023%
92	13.992	4018	4028	4040	rVV7	6185	10946	0.02%	0.007%
93	14.262	4104	4112	4127	rVB4	6788	9914	0.01%	0.006%
94	14.326	4127	4132	4135	rVB4	596	571	0.00%	0.000%
95	14.397	4150	4154	4155	rBV3	997	771	0.00%	0.000%
96	14.538	4195	4198	4203	rBV3	550	447	0.00%	0.000%
97	14.648	4230	4232	4238	rVB4	747	565	0.00%	0.000%
98	14.747	4258	4263	4269	rVB7	4387	5191	0.01%	0.003%
99	14.966	4322	4331	4340	rBV6	12351	18384	0.03%	0.011%
100	15.484	4488	4492	4496	rBV5	686	677	0.00%	0.000%

Sum of corrected areas: 164417033

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027162.D
Acq On : 02 Aug 2022 10:15
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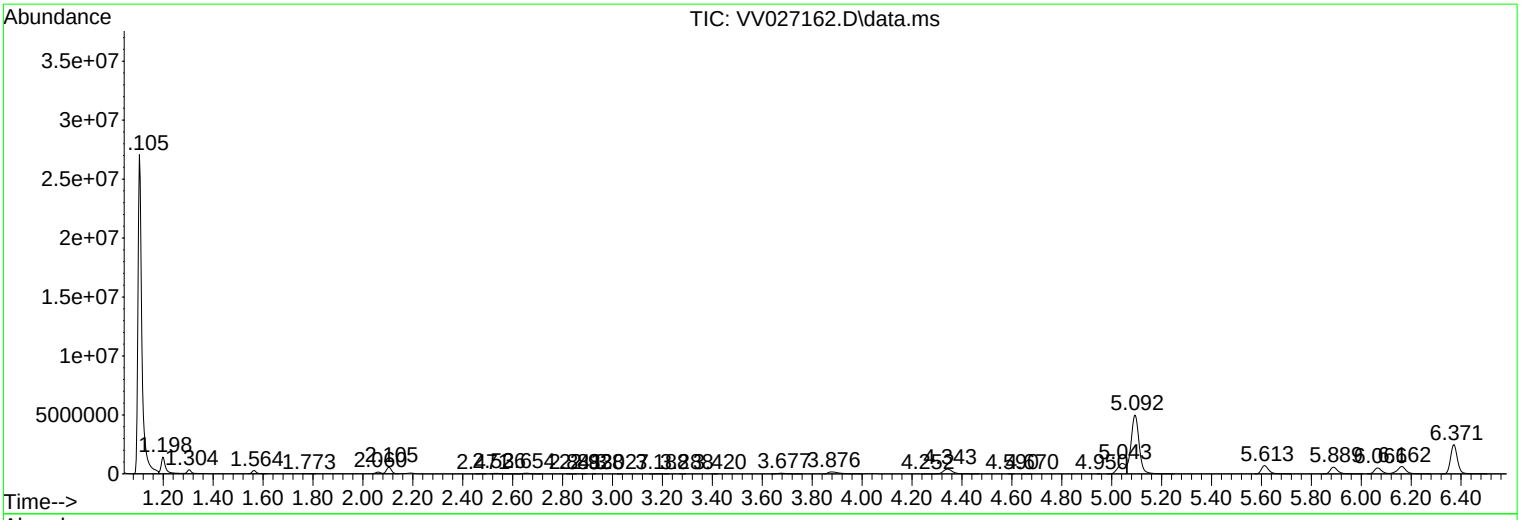
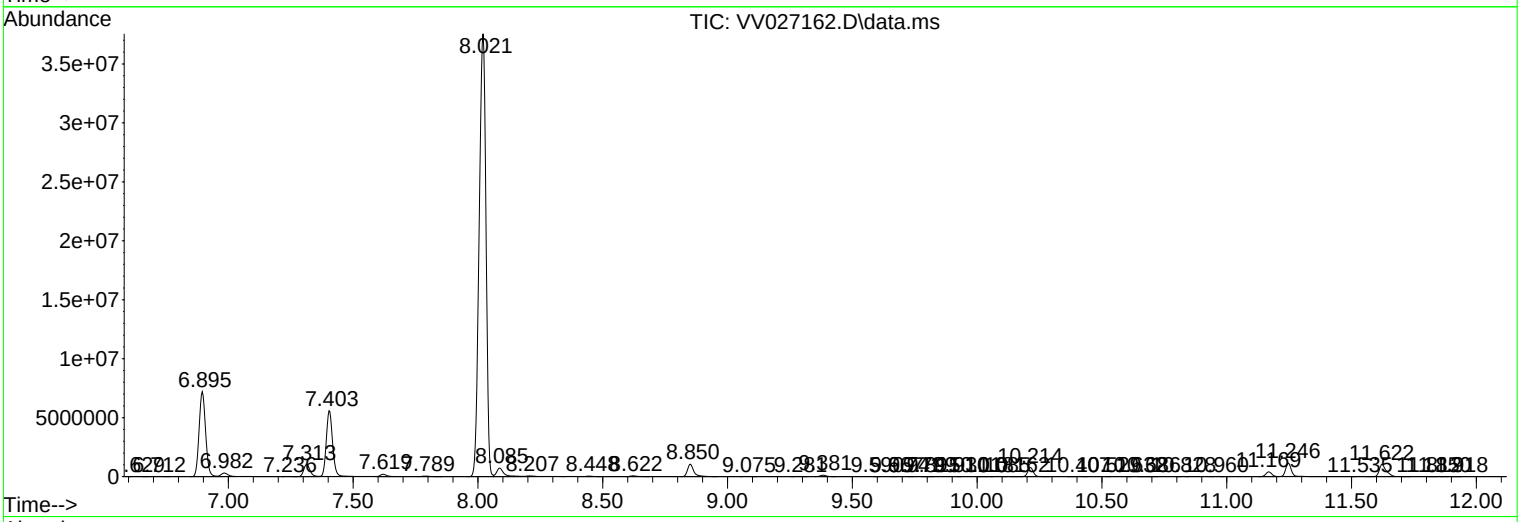
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

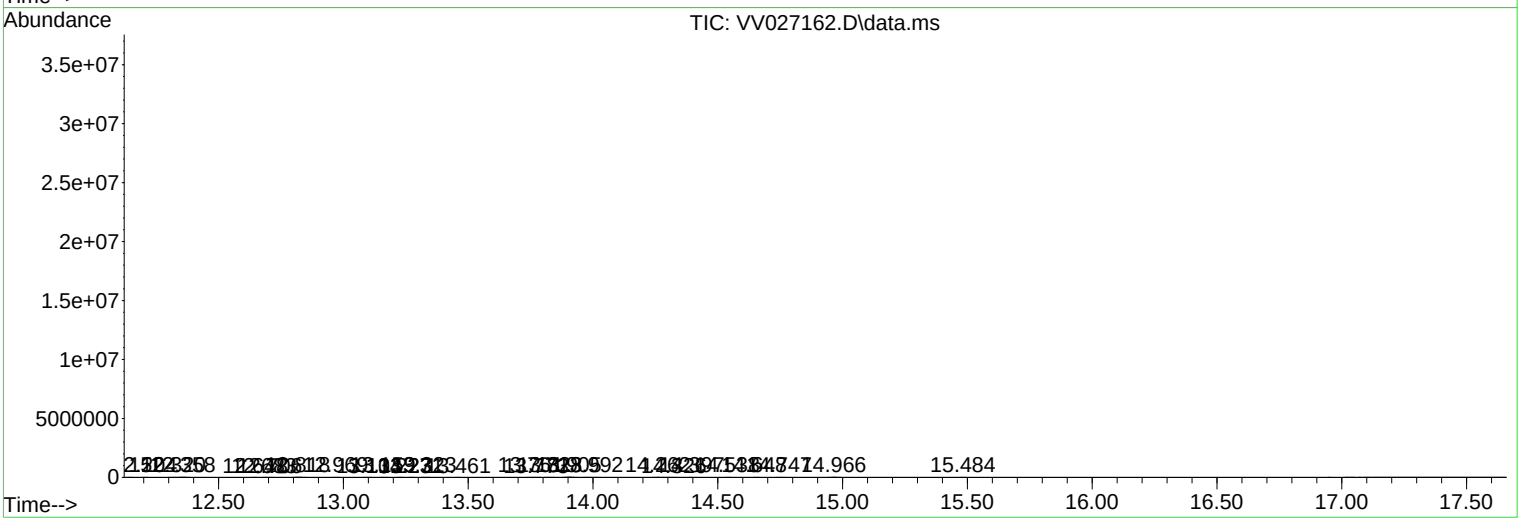
Instrument :
MSVOA_V
ClientSampleId :
EXF03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027162.D
Acq On : 02 Aug 2022 10:15
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

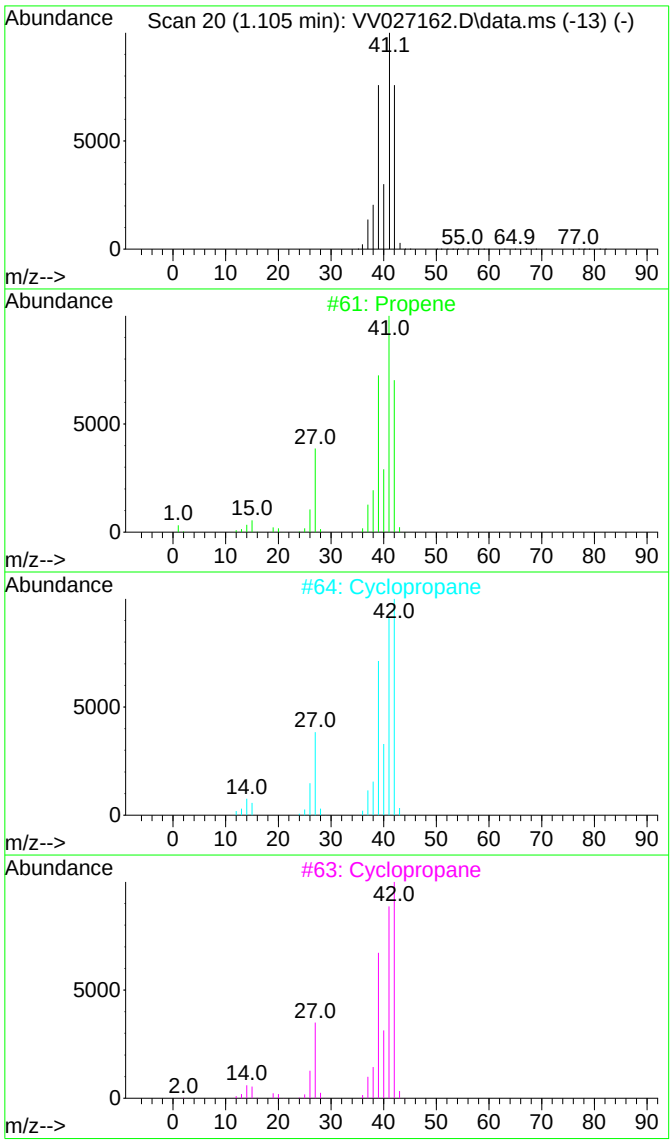
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

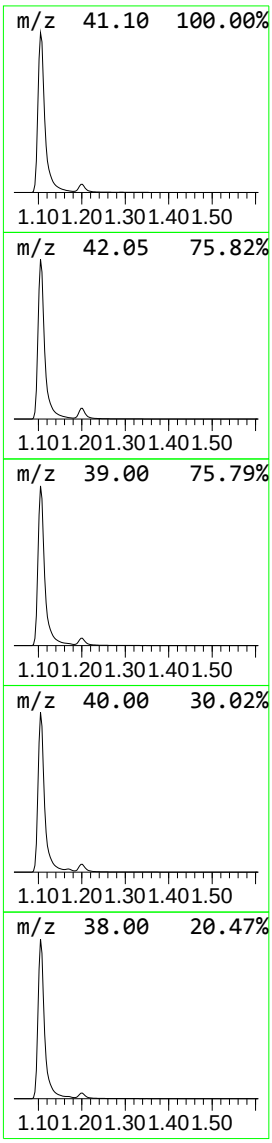
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.105	1029.38 ug/L	29663100	1,4-Difluorobenzene	5.613

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	80
4	Propene	42	C3H6	000115-07-1	59
5	Cyclopropene	40	C3H4	002781-85-3	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027162.D
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

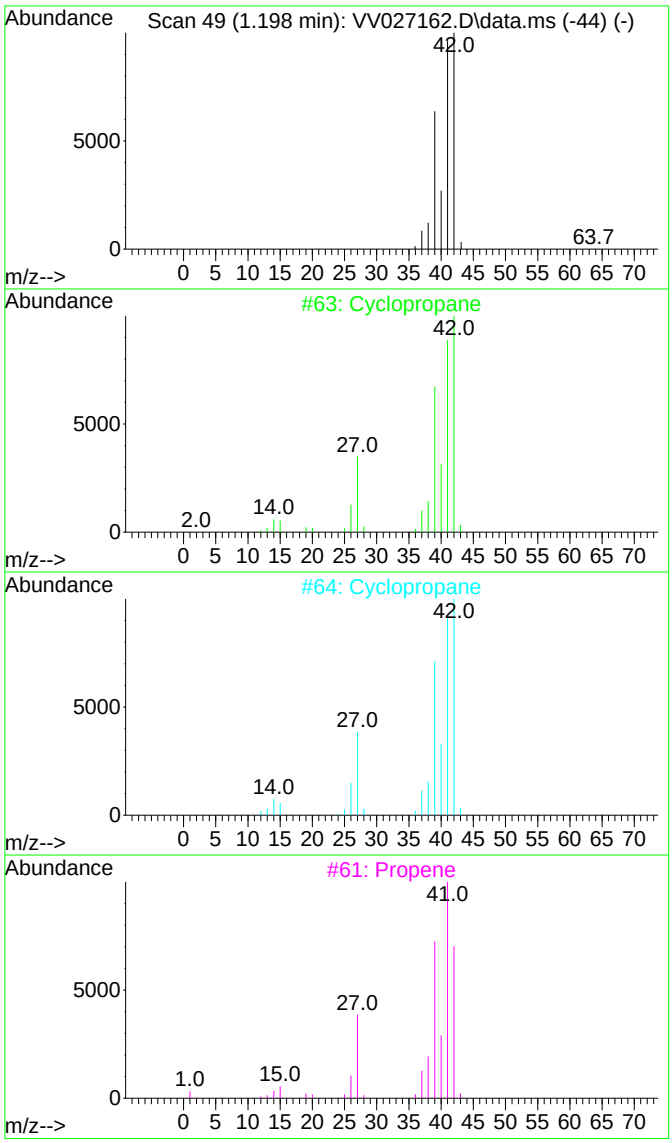
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

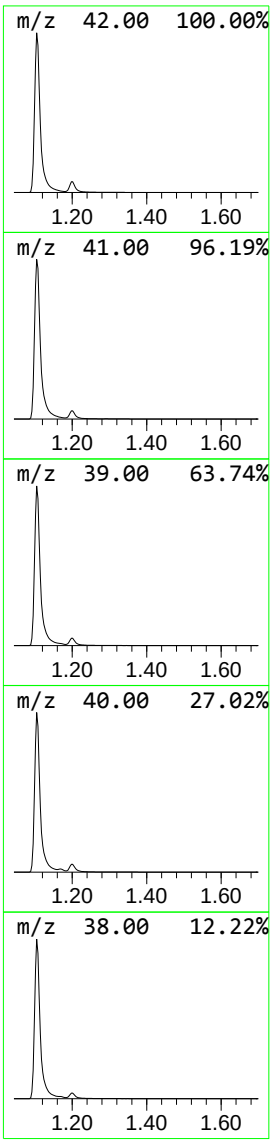
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic1.198 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.198	60.67 ug/L	1748300	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane	42	C3H6	000075-19-4	90
2	Cyclopropane	42	C3H6	000075-19-4	86
3	Propene	42	C3H6	000115-07-1	83
4	Cyclopropane	42	C3H6	000075-19-4	72
5	Propene	42	C3H6	000115-07-1	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027162.D
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

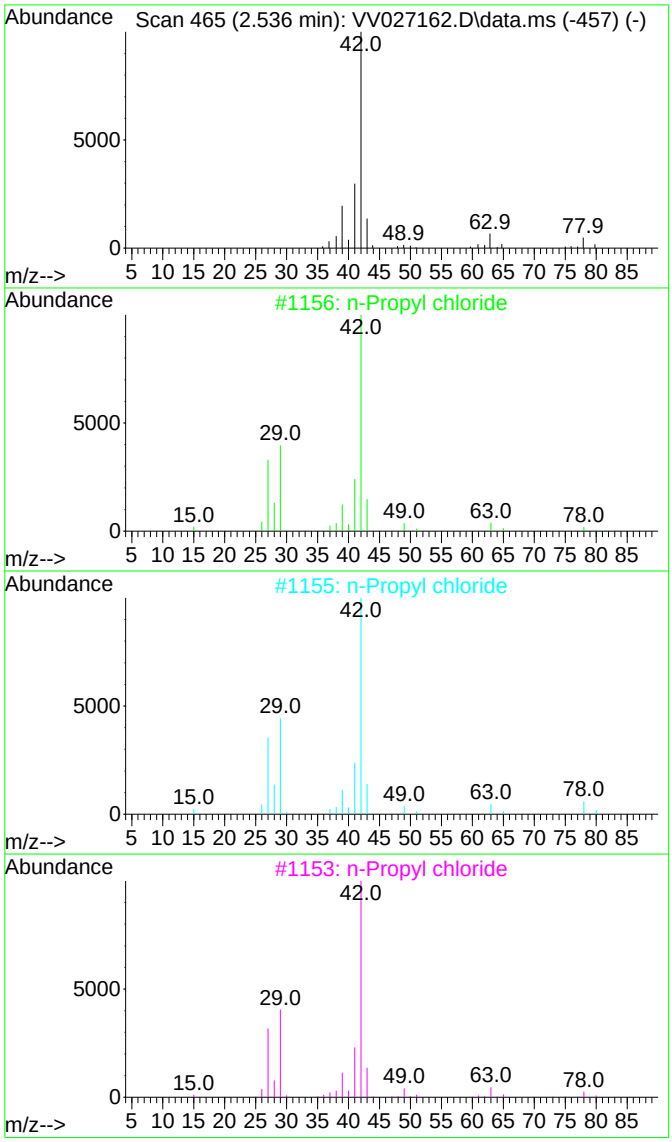
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

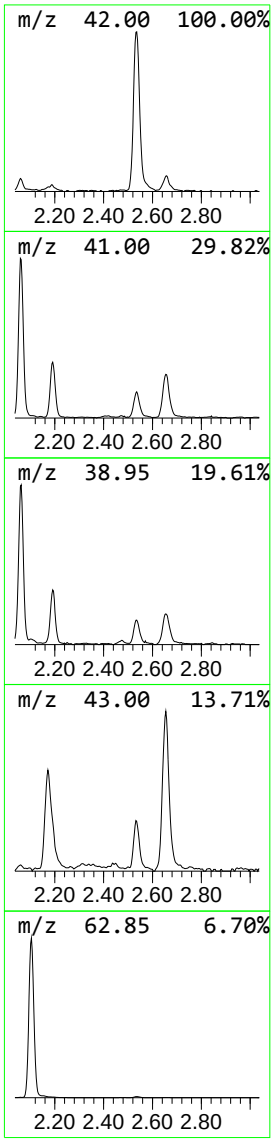
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Propyl chloride Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.536	3.09 ug/L	89079	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl chloride	78	C3H7Cl	000540-54-5	86
2	n-Propyl chloride	78	C3H7Cl	000540-54-5	72
3	n-Propyl chloride	78	C3H7Cl	000540-54-5	64
4	n-Propyl chloride	78	C3H7Cl	000540-54-5	64
5	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027162.D
Acq On : 02 Aug 2022 10:15
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

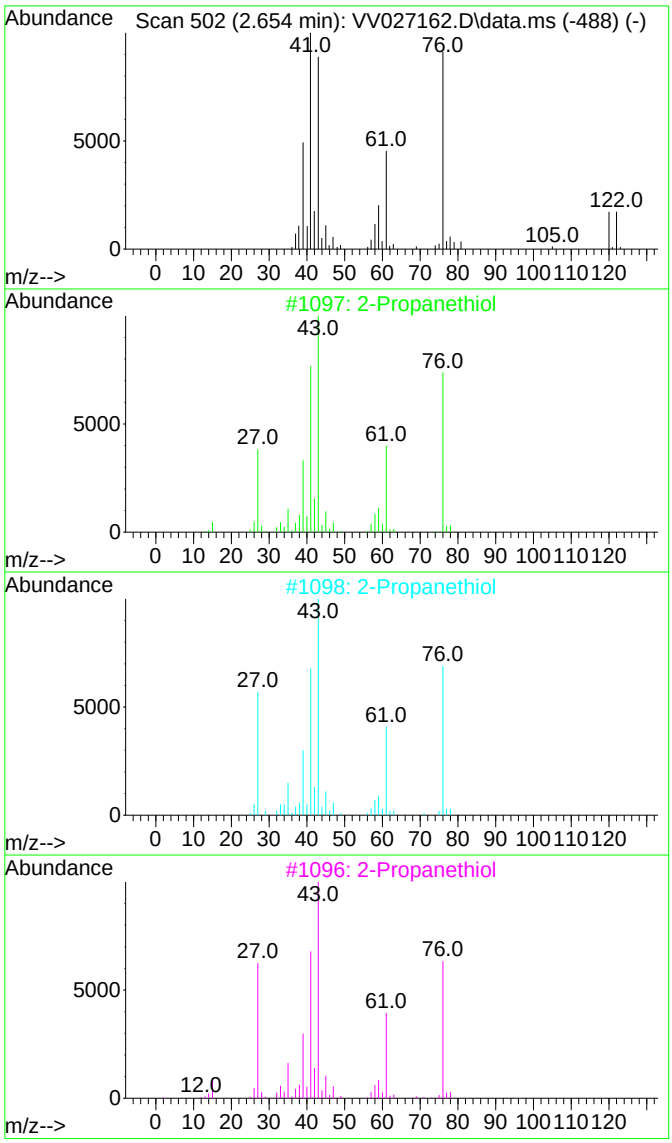
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

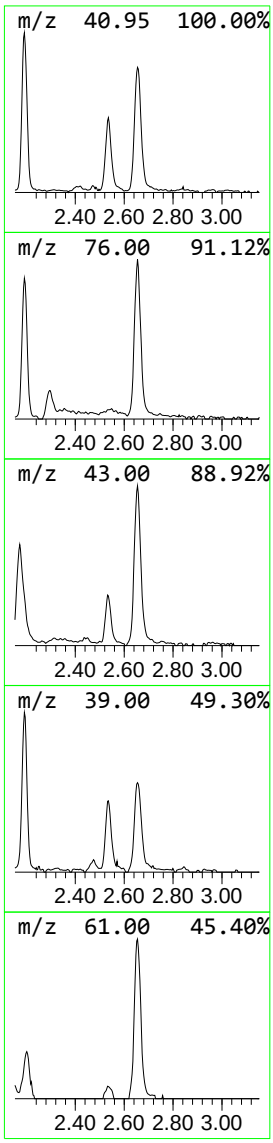
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Propanethiol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.654	4.17 ug/L	120113	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanethiol	76	C3H8S	000075-33-2	81
2	2-Propanethiol	76	C3H8S	000075-33-2	72
3	2-Propanethiol	76	C3H8S	000075-33-2	64
4	2-Propanethiol	76	C3H8S	000075-33-2	64
5	Isopropyl phosphine	76	C3H9P	004538-29-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027162.D
Acq On : 02 Aug 2022 10:15
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

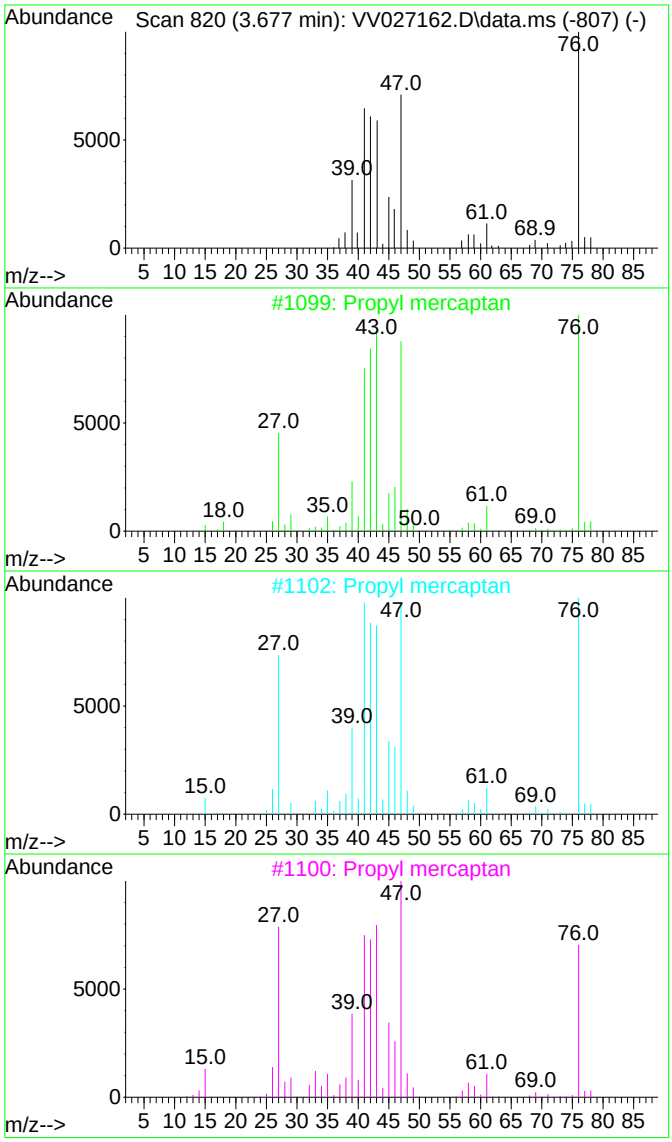
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

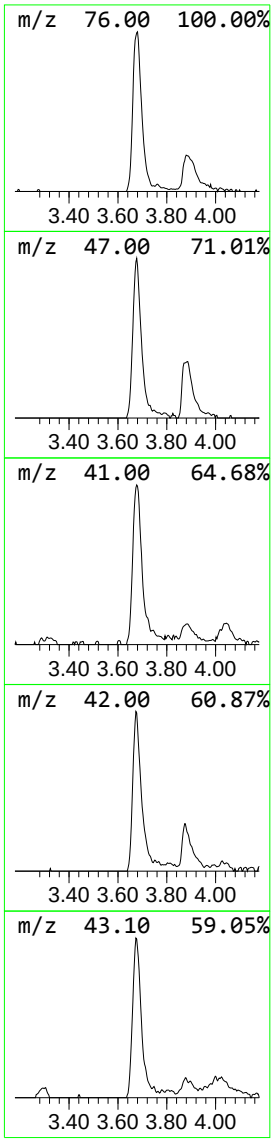
****

Peak Number 5 Propyl mercaptan Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.677	4.74 ug/L	136448	1,4-Difluorobenzene	5.613

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	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027162.D
Acq On : 02 Aug 2022 10:15
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

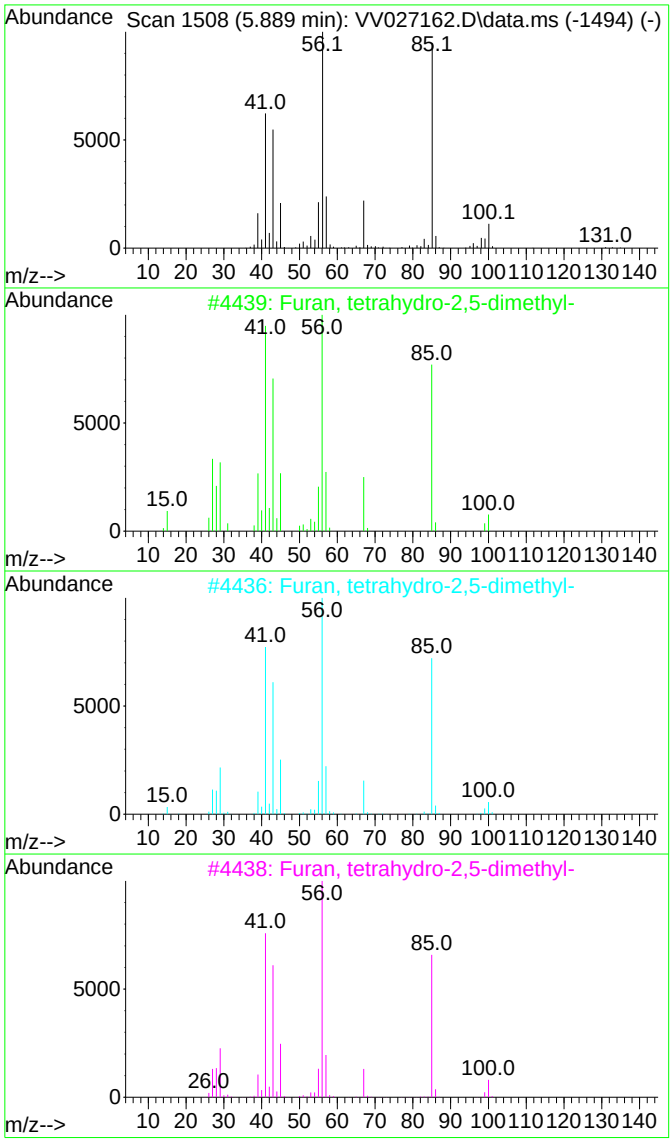
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

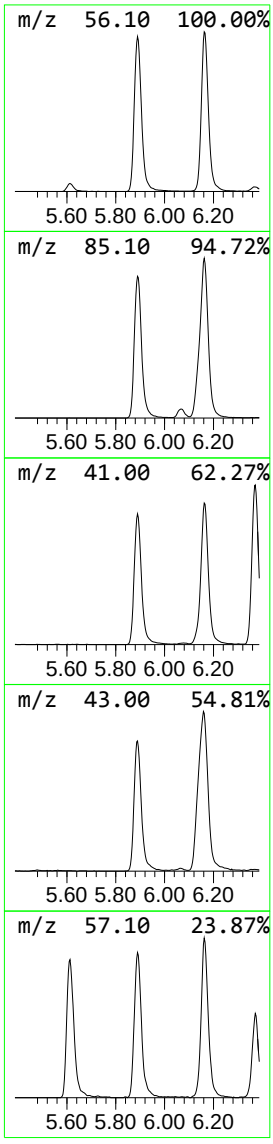
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Furan, tetrahydro-2,5-dimet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.889	42.06 ug/L	1212000	1,4-Difluorobenzene	5.613

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	038484-59-2	72
5	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	002144-41-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027162.D
Acq On : 02 Aug 2022 10:15
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

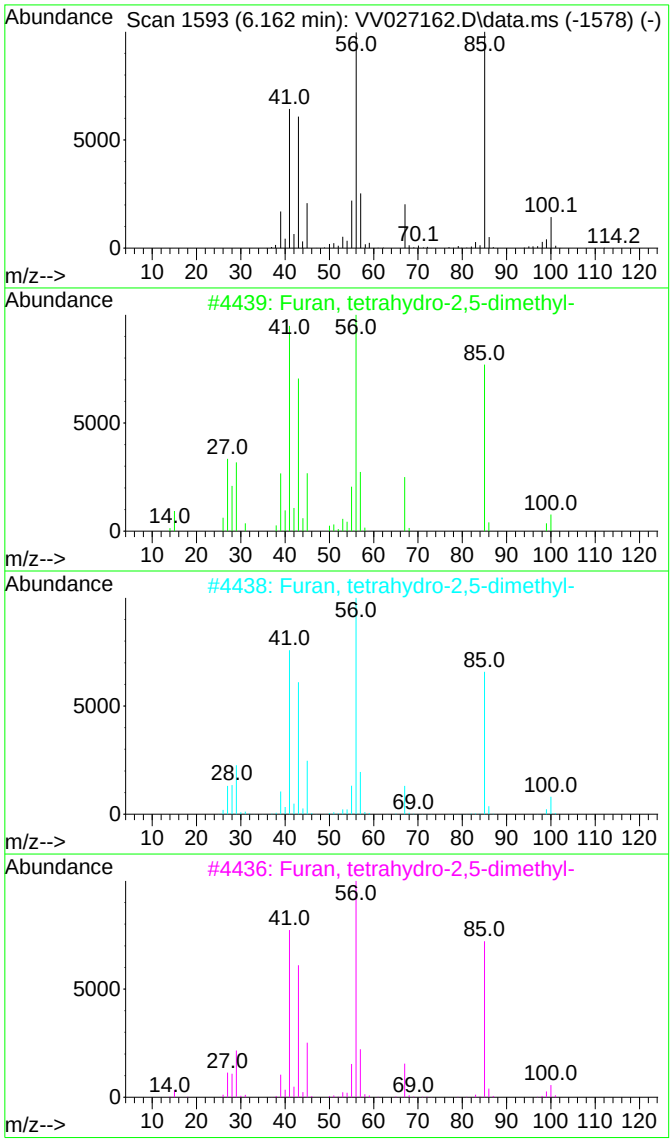
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

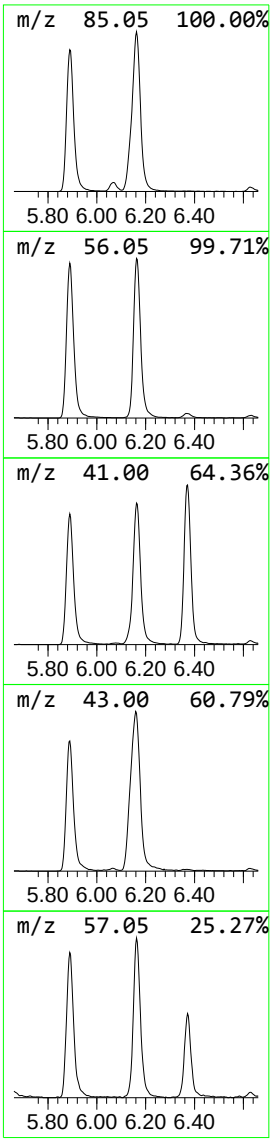
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Furan, tetrahydro-2,5-dimet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.162	52.56 ug/L	1514550	1,4-Difluorobenzene	5.613

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	86
5	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	038484-59-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027162.D
Acq On : 02 Aug 2022 10:15
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

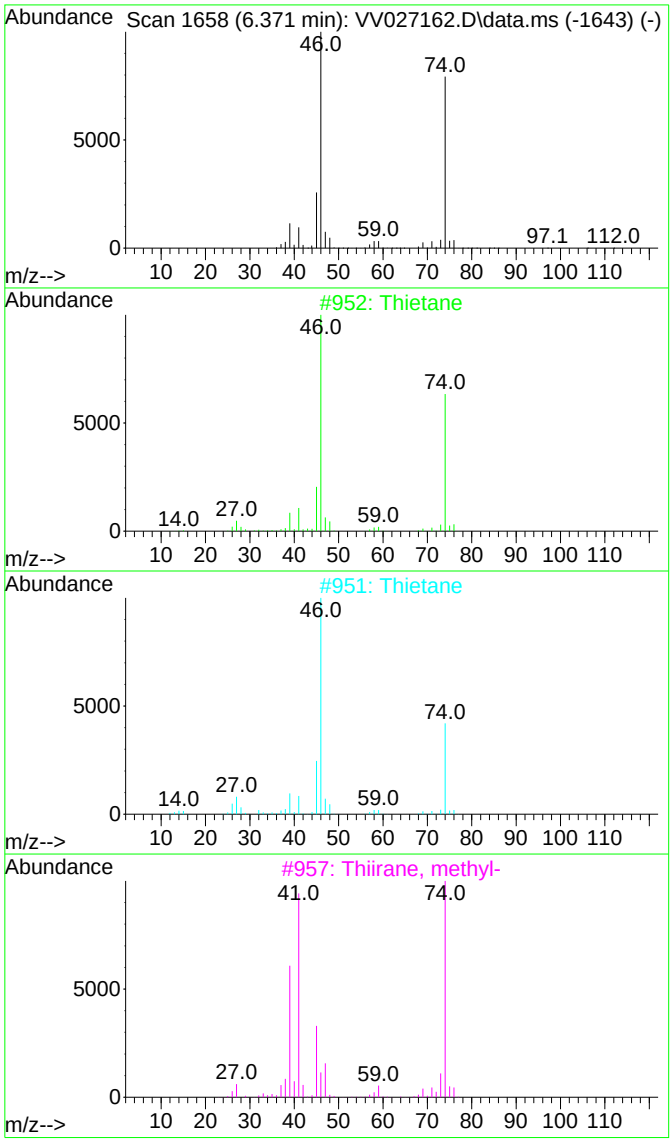
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

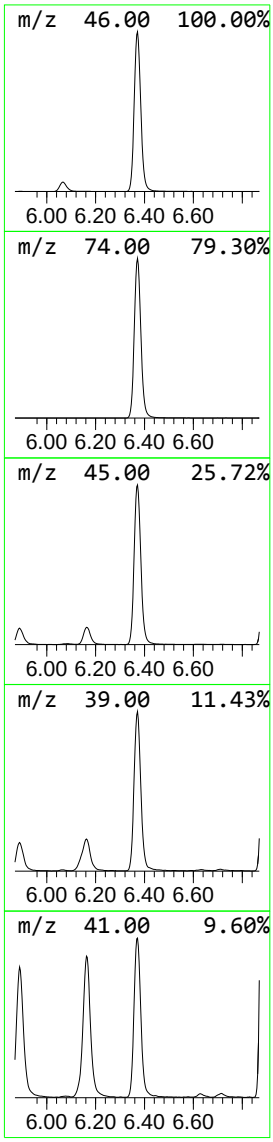
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Thietane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.371	163.20 ug/L	4702740	1,4-Difluorobenzene	5.613

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	Thiirane, methyl-	74	C3H6S	001072-43-1	25
4	Thiirane, methyl-	74	C3H6S	001072-43-1	9
5	1,3-Propanediol, 2-methyl-2-nitr...	225	C4H7N3O8	004055-94-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
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Acq On : 02 Aug 2022 10:15
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

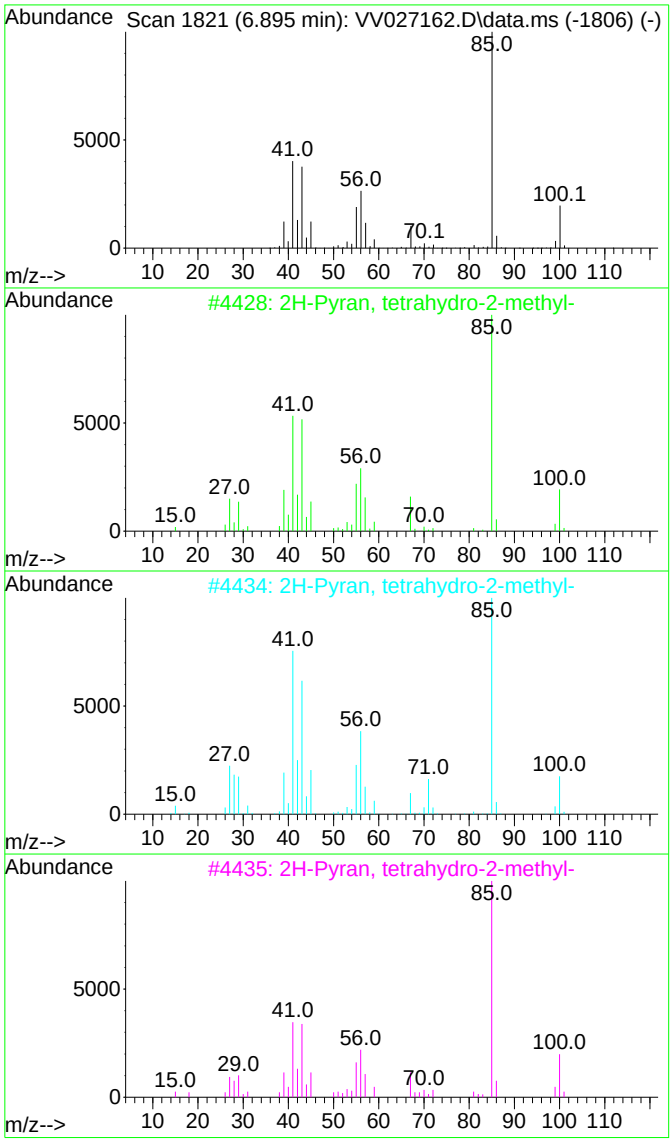
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

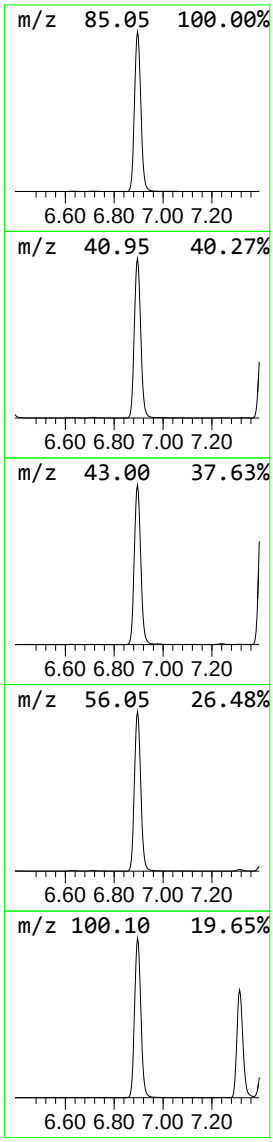
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.895	453.20 ug/L	13059600	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	91
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	91
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	87
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	78
5	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027162.D
Acq On : 02 Aug 2022 10:15
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

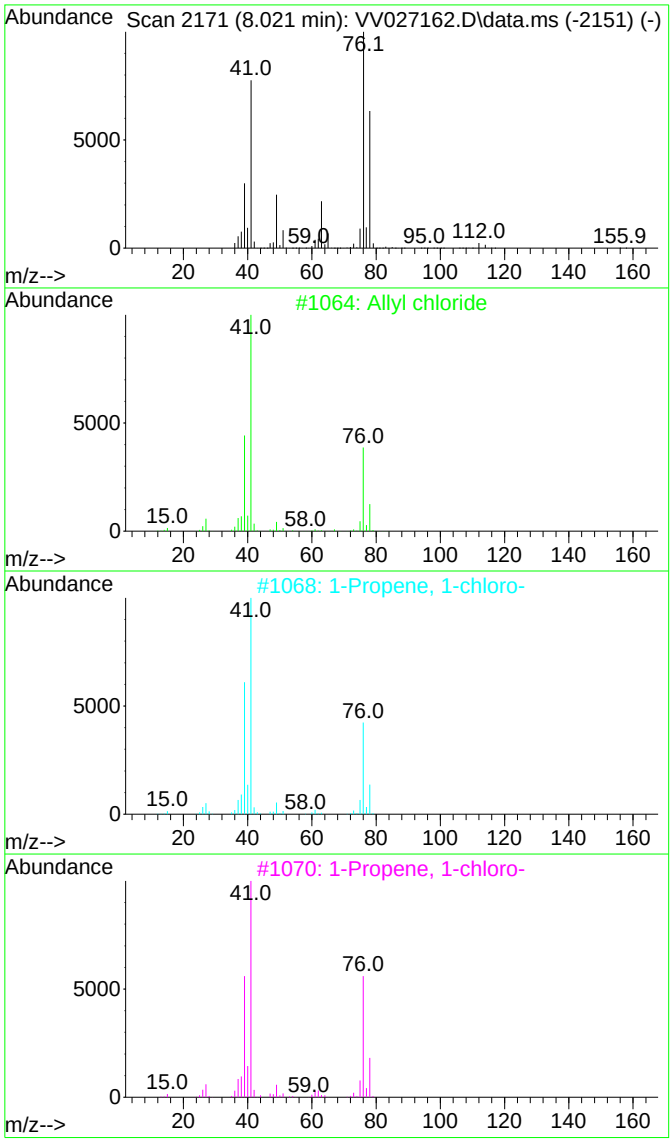
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

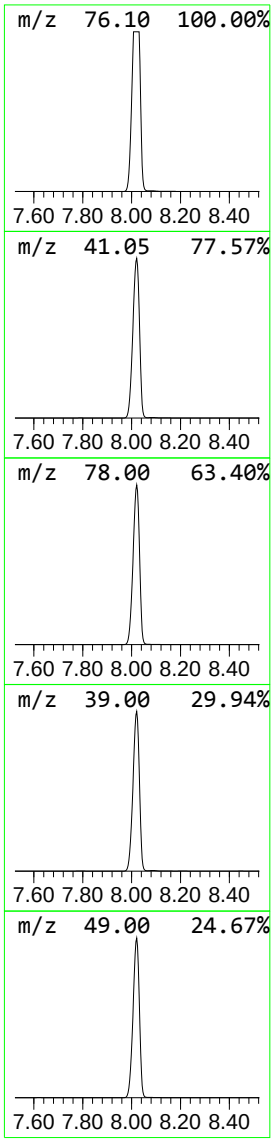
****

Peak Number 11 Allyl chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.021	1925.59 ug/L	71119400	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allyl chloride	76	C3H5Cl	000107-05-1	53
2	1-Propene, 1-chloro-	76	C3H5Cl	000590-21-6	42
3	1-Propene, 1-chloro-	76	C3H5Cl	000590-21-6	36
4	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	25
5	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	20





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027162.D
Acq On : 02 Aug 2022 10:15
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

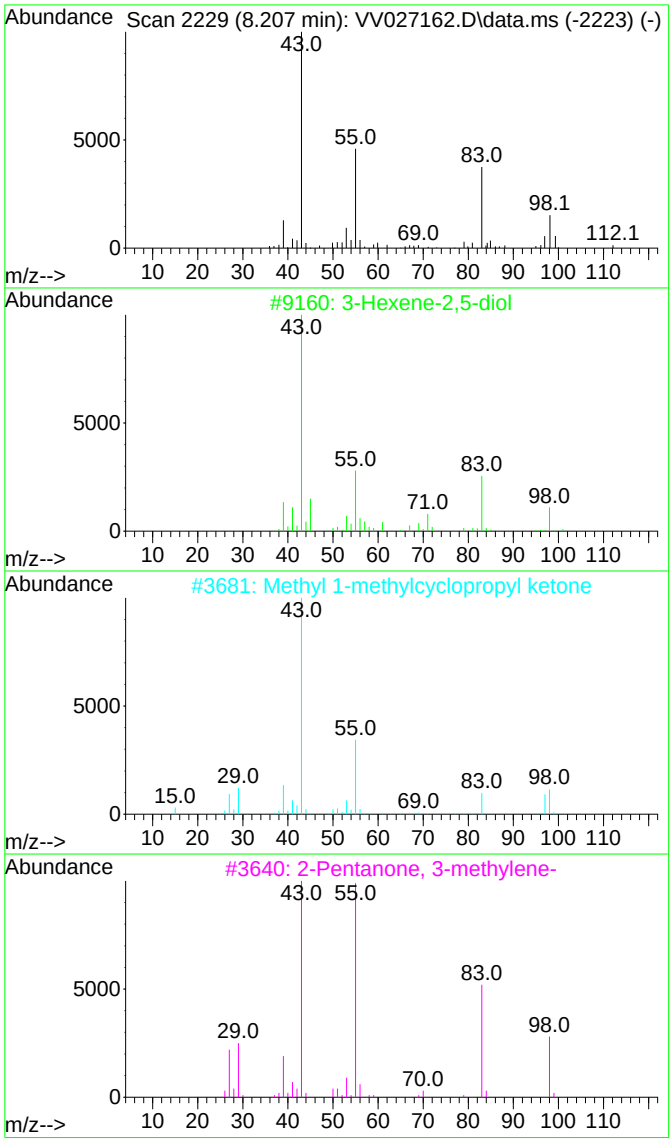
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

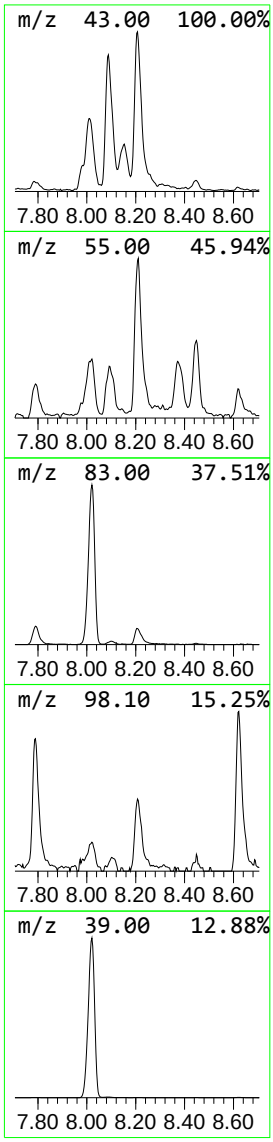
****

Peak Number 12 3-Hexene-2,5-diol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.207	3.14 ug/L	116018	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene-2,5-diol	116	C6H12O2	007319-23-5	64
2	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	52
3	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	49
4	3-Methylpenta-1,4-diene-3-ol	98	C6H10O	000918-86-5	42
5	Ethanone, 1-cyclobutyl-	98	C6H10O	003019-25-8	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027162.D
Acq On : 02 Aug 2022 10:15
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

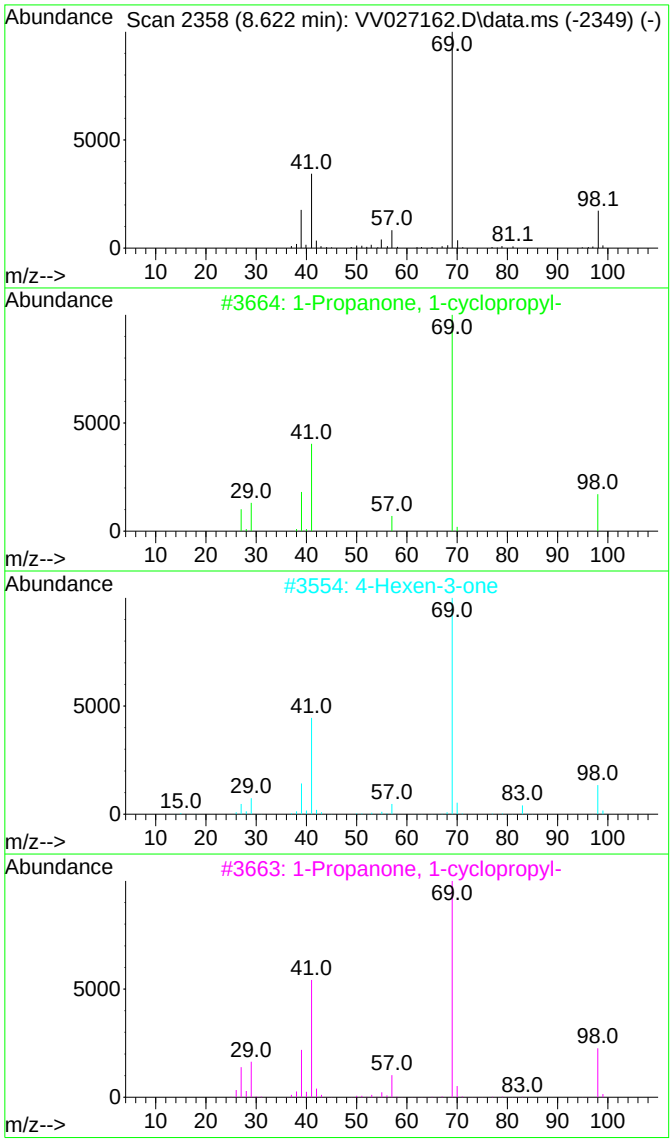
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

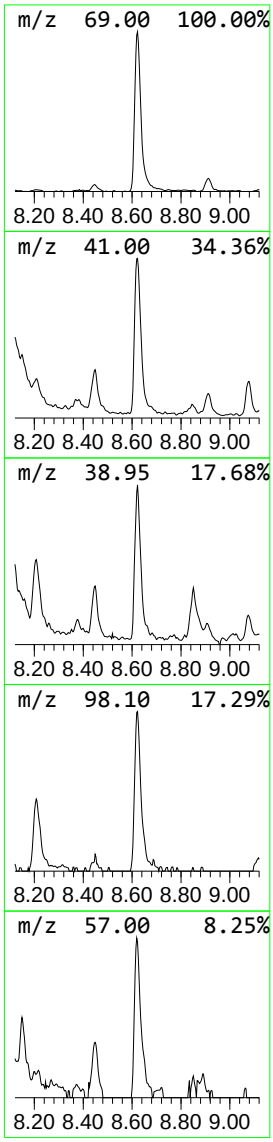
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1-Propanone, 1-cyclopropyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.622	3.35 ug/L	123695	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanone, 1-cyclopropyl-	98	C6H10O	006704-19-4	72
2	4-Hexen-3-one	98	C6H10O	002497-21-4	56
3	1-Propanone, 1-cyclopropyl-	98	C6H10O	006704-19-4	18
4	1-Penten-3-one, 2-methyl-	98	C6H10O	025044-01-3	14
5	(Z)-4-Methyl-2-hexene	98	C7H14	003683-19-0	9





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Data File : VV027162.D
Acq On : 02 Aug 2022 10:15
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

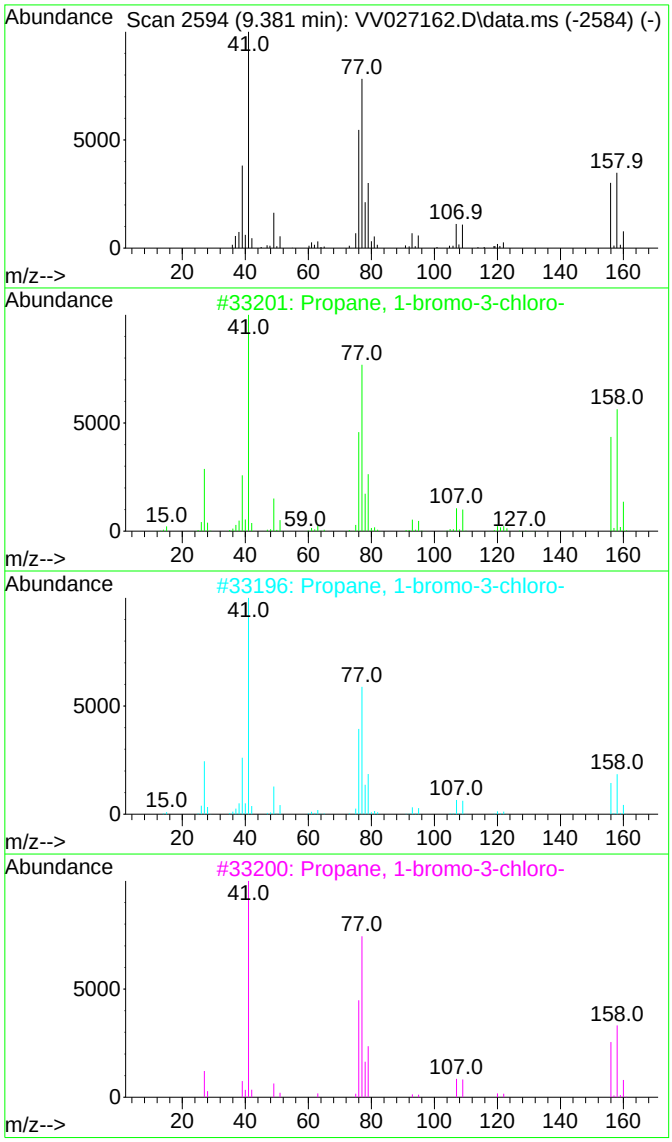
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

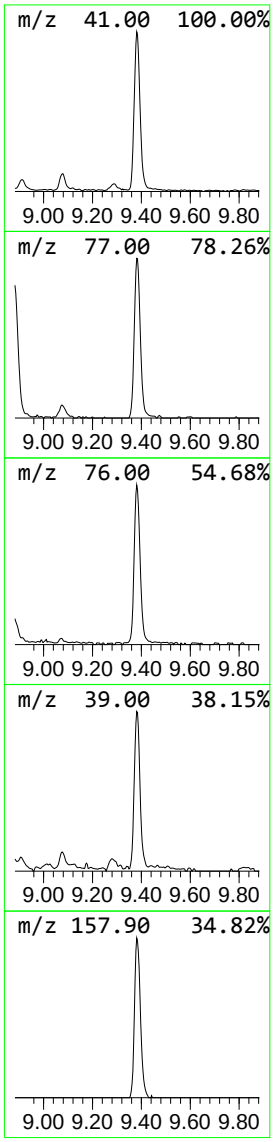
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Propane, 1-bromo-3-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.381	5.38 ug/L	198839	Chlorobenzene-d5	8.850

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	87
5	Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027162.D
Acq On : 02 Aug 2022 10:15
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

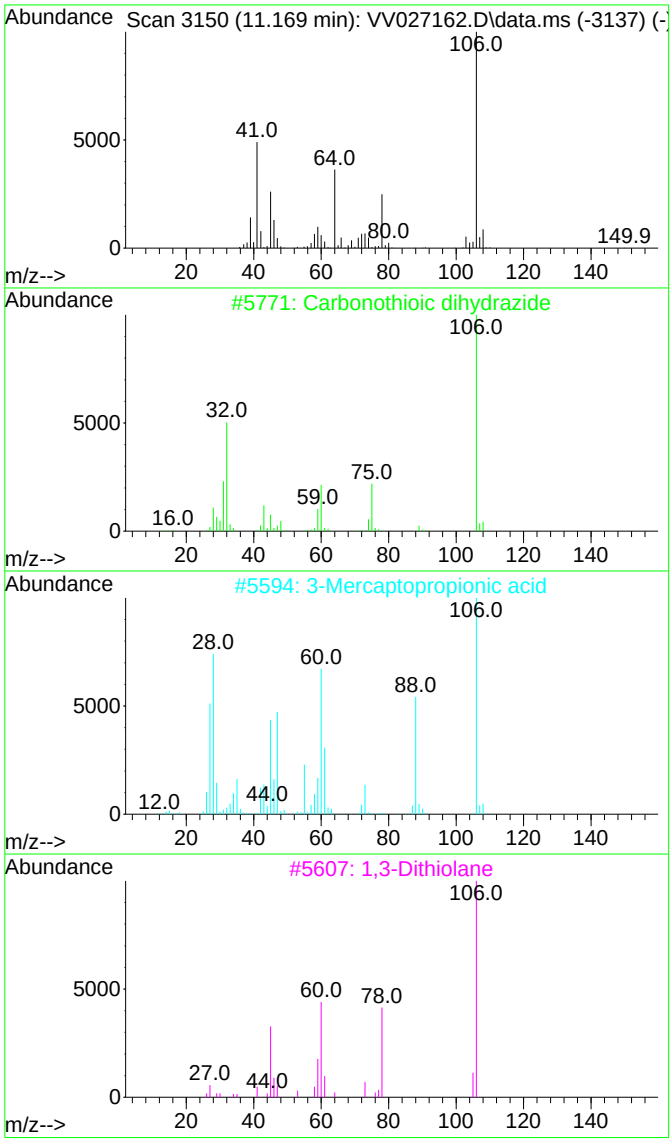
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

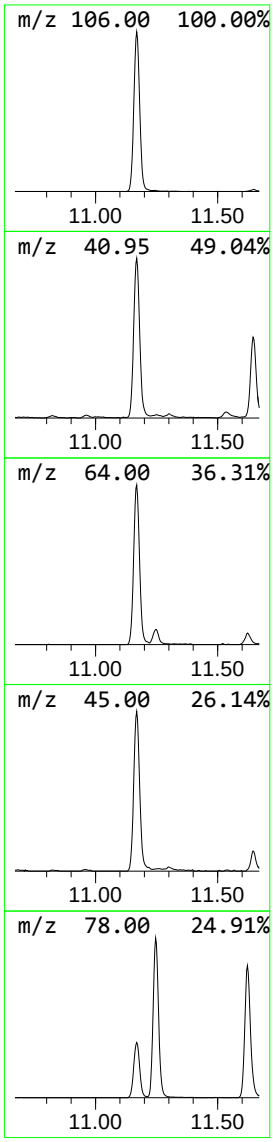
****

Peak Number 15 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	19.71 ug/L	687124	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonothioic dihydrazide	106	CH6N4S	002231-57-4	47
2	3-Mercaptopropionic acid	106	C3H6O2S	000107-96-0	46
3	1,3-Dithiolane	106	C3H6S2	004829-04-3	45
4	1,3-Dithiolane	106	C3H6S2	004829-04-3	37
5	Carbonothioic dihydrazide	106	CH6N4S	002231-57-4	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027162.D
Acq On : 02 Aug 2022 10:15
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.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...	1.105	1029.4	ug/L	29663100	1	5.613	1440820	50.0
(DEL) Alkane: C...	1.198	60.7	ug/L	1748300	1	5.613	1440820	50.0
n-Propyl chloride	2.536	3.1	ug/L	89079	1	5.613	1440820	50.0
2-Propanethiol	2.654	4.2	ug/L	120113	1	5.613	1440820	50.0
Propyl mercaptan	3.677	4.7	ug/L	136448	1	5.613	1440820	50.0
Furan, tetrahyd...	5.889	42.1	ug/L	1212000	1	5.613	1440820	50.0
Furan, tetrahyd...	6.162	52.6	ug/L	1514550	1	5.613	1440820	50.0
Thietane	6.371	163.2	ug/L	4702740	1	5.613	1440820	50.0
2H-Pyran, tetra...	6.895	453.2	ug/L	13059600	1	5.613	1440820	50.0
Allyl chloride	8.021	1925.6	ug/L	71119400	2	8.850	1846690	50.0
3-Hexene-2,5-diol	8.207	3.1	ug/L	116018	2	8.850	1846690	50.0
1-Propanone, 1-...	8.622	3.4	ug/L	123695	2	8.850	1846690	50.0
Propane, 1-brom...	9.381	5.4	ug/L	198839	2	8.850	1846690	50.0
unknown-01	11.169	19.7	ug/L	687124	3	11.246	1742930	50.0