LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027107.D
Acq On : 30 Jul 2022 01:05
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 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\SFAMVLM072822WMA.M
Title : VOC Analysis

Signal : TIC: VV027107.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	37	rBV	29136805	29991512	41.02%	17.263%
2	1.198	44	49	68	rVB	1542127	1632005	2.23%	0.939%
3	1.301	75	81	99	rVB	304752	349865	0.48%	0.201%
4	1.564	156	163	179	rVB	254356	293864	0.40%	0.169%
5	2.060	310	317	323	rBV	137318	184000	0.25%	0.106%
6	2.101	323	330	345	rVB	549747	786972	1.08%	0.453%
7	2.532	457	464	486	rVB2	51532	91956	0.13%	0.053%
8	2.654	490	502	520	rVV3	74930	142777	0.20%	0.082%
9	3.185	658	667	678	rVV2	8309	16618	0.02%	0.010%
10	3.291	689	700	703	rVV7	1926	2971	0.00%	0.002%
11	3.397	731	733	737	rVB2	921	656	0.00%	0.000%
12	3.423	737	741	744	rBV2	968	888	0.00%	0.001%
13	3.674	802	819	850	rBV2	74256	193570	0.26%	0.111%
14	3.886	874	885	909	rBV	121445	389396	0.53%	0.224%
15	4.342	1010	1027	1073	rBV	402378	1067085	1.46%	0.614%
16	4.648	1115	1122	1123	rBV5	1367	1406	0.00%	0.001%
17	4.931	1206	1210	1214	rVB3	1037	823	0.00%	0.000%
18	4.963	1214	1220	1224	rBV5	809	731	0.00%	0.000%
19	5.043	1224	1245	1249	rBV2	926953	1949804	2.67%	1.122%
20	5.092	1251	1260	1326	rVB	5256052	11746504	16.06%	6.761%
21	5.477	1371	1380	1382	rBV9	3187	4368	0.01%	0.003%
22	5.612	1410	1422	1469	rBV	682358	1421146	1.94%	0.818%
23	5.889	1495	1508	1549	rBV	573369	1370719	1.87%	0.789%
24	6.066	1551	1563	1577	rVV	500697	1046539	1.43%	0.602%
25	6.162	1579	1593	1642	rVB	612409	1729656	2.37%	0.996%
26	6.371	1643	1658	1706	rBV	2453632	5045929	6.90%	2.904%
27	6.629	1729	1738	1754	rBV6	18234	41954	0.06%	0.024%
28	6.712	1757	1764	1779	rVB3	17696	32953	0.05%	0.019%
29	6.895	1806	1821	1842	rBV	7021959	14246728	19.48%	8.200%
30	7.239	1920	1928	1939	rBV3	10053	18933	0.03%	0.011%
31	7.313	1940	1951	1967	rBV	1096071	1923810	2.63%	1.107%
32	7.407	1967	1980	2017	rVB	5408522	10697499	14.63%	6.157%
33	7.619	2038	2046	2068	rVB	180704	324521	0.44%	0.187%
34	7.789	2089	2099	2129	rVB3	52360	117938	0.16%	0.068%
35	8.021	2152	2171	2185	rBV2	37991377	73122319	100.00%	42.088%
36	8.088	2186	2192	2222	rVV	648137	1418106	1.94%	0.816%

LSC Area Percent Report

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Operator : SY/MD
Sample : N3956-04
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ALS Vial : 37 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\SFAMVLM072822WMA.M
Title : VOC Analysis

37	8.210	2224	2230	2252	rVB	52550	129154	0.18%	0.074%
38	8.448	2296	2304	2326	rVB3	42389	89369	0.12%	0.051%
39	8.625	2348	2359	2381	rBV	69998	161147	0.22%	0.093%
40	8.850	2412	2429	2462	rBV2	1044719	2028260	2.77%	1.167%
41	9.075	2491	2499	2508	rBV2	15903	26540	0.04%	0.015%
42	9.291	2554	2566	2582	rBV7	13147	32342	0.04%	0.019%
43	9.381	2584	2594	2611	rBV	153828	259488	0.35%	0.149%
44	9.686	2684	2689	2692	rBV7	933	834	0.00%	0.000%
45	9.754	2708	2710	2719	rVB5	1205	1106	0.00%	0.001%
46	9.821	2719	2731	2733	rBV8	2570	4541	0.01%	0.003%
47	10.024	2782	2794	2799	rBV9	3722	6238	0.01%	0.004%
48	10.082	2802	2812	2827	rVB3	22285	39354	0.05%	0.023%
49	10.169	2833	2839	2842	rBV6	1319	1612	0.00%	0.001%
50	10.214	2842	2853	2880	rVV	792328	1269866	1.74%	0.731%
51	10.320	2884	2886	2893	rVB7	1404	1253	0.00%	0.001%
52	10.352	2893	2896	2898	rBV2	871	688	0.00%	0.000%
53	10.410	2903	2914	2925	rVB2	13642	24808	0.03%	0.014%
54	10.632	2975	2983	2991	rBV5	12405	18787	0.03%	0.011%
55	10.683	2991	2999	3015	rVB7	9815	18822	0.03%	0.011%
56	10.828	3034	3044	3058	rVB5	12863	23890	0.03%	0.014%
57	10.963	3076	3086	3095	rBV2	21046	34286	0.05%	0.020%
58	11.169	3136	3150	3164	rBV	510826	888644	1.22%	0.511%
59	11.246	3164	3174	3187	rBV	1190905	1814245	2.48%	1.044%
60	11.529	3254	3262	3278	rBV3	16291	31750	0.04%	0.018%
61	11.622	3279	3291	3323	rBV2	1075701	2242575	3.07%	1.291%
62	11.850	3357	3362	3370	rVB3	4847	6810	0.01%	0.004%
63	11.918	3377	3383	3392	rVB9	3761	6029	0.01%	0.003%
64	12.098	3431	3439	3441	rBV8	1935	2216	0.00%	0.001%
65	12.152	3450	3456	3463	rVB7	3000	3321	0.00%	0.002%
66	12.207	3467	3473	3479	rBV5	1481	1642	0.00%	0.001%
67	12.278	3490	3495	3496	rBV3	2019	1467	0.00%	0.001%
68	12.310	3502	3505	3506	rBV3	1304	746	0.00%	0.000%
69	12.355	3512	3519	3524	rBV2	11984	15947	0.02%	0.009%
70	12.394	3525	3531	3542	rVB5	22491	36143	0.05%	0.021%
71	12.596	3591	3594	3597	rBV3	884	615	0.00%	0.000%
72	12.648	3605	3610	3611	rBV2	1381	853	0.00%	0.000%
73	12.699	3622	3626	3634	rVB5	1895	2437	0.00%	0.001%
74	12.750	3634	3642	3651	rBV3	10692	16571	0.02%	0.010%
75	12.818	3654	3663	3676	rVB2	51883	80078	0.11%	0.046%
76	12.976	3707	3712	3714	rBV5	2191	2100	0.00%	0.001%

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ALS Vial : 37 Sample Multiplier: 1

Instrument :
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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\SFAMVLM072822WMA.M
Title : VOC Analysis

77	13.098	3747	3750	3756	rBV5	1416	1207	0.00%	0.001%
78	13.156	3758	3768	3775	rBV7	6555	9378	0.01%	0.005%
79	13.268	3799	3803	3805	rBV3	889	678	0.00%	0.000%
80	13.291	3805	3810	3813	rBV6	1750	2011	0.00%	0.001%
81	13.477	3862	3868	3871	rBV8	3364	3786	0.01%	0.002%
82	13.535	3874	3886	3898	rVB3	21039	40527	0.06%	0.023%
83	13.744	3943	3951	3952	rBV6	1435	1825	0.00%	0.001%
84	13.789	3956	3965	3973	rVV2	27719	40119	0.05%	0.023%
85	13.902	3991	4000	4019	rVB2	152037	248430	0.34%	0.143%
86	13.988	4020	4027	4030	rVV5	7655	10607	0.01%	0.006%
87	14.021	4031	4037	4048	rVB2	37711	56270	0.08%	0.032%
88	14.258	4100	4111	4122	rBV9	6215	10302	0.01%	0.006%
89	14.320	4124	4130	4136	rVB6	3503	4321	0.01%	0.002%
90	14.374	4137	4147	4151	rBV9	3661	6751	0.01%	0.004%
91	14.638	4222	4229	4230	rBV5	3283	3436	0.00%	0.002%
92	14.699	4239	4248	4251	rBV7	6883	9921	0.01%	0.006%
93	14.731	4252	4258	4270	rVB7	18926	34313	0.05%	0.020%
94	14.818	4279	4285	4293	rVB5	5390	7584	0.01%	0.004%
95	14.966	4316	4331	4345	rBV	254112	396440	0.54%	0.228%
96	15.213	4400	4408	4410	rBV6	5719	6725	0.01%	0.004%
97	15.799	4578	4590	4601	rBV	1338347	1979352	2.71%	1.139%
98	16.606	4835	4841	4848	rBV7	11125	16292	0.02%	0.009%
99	16.654	4849	4856	4868	rVB2	48267	75615	0.10%	0.044%
100	16.737	4876	4882	4894	rVB2	23322	35881	0.05%	0.021%

Sum of corrected areas: 173734866

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027107.D
Acq On : 30 Jul 2022 01:05
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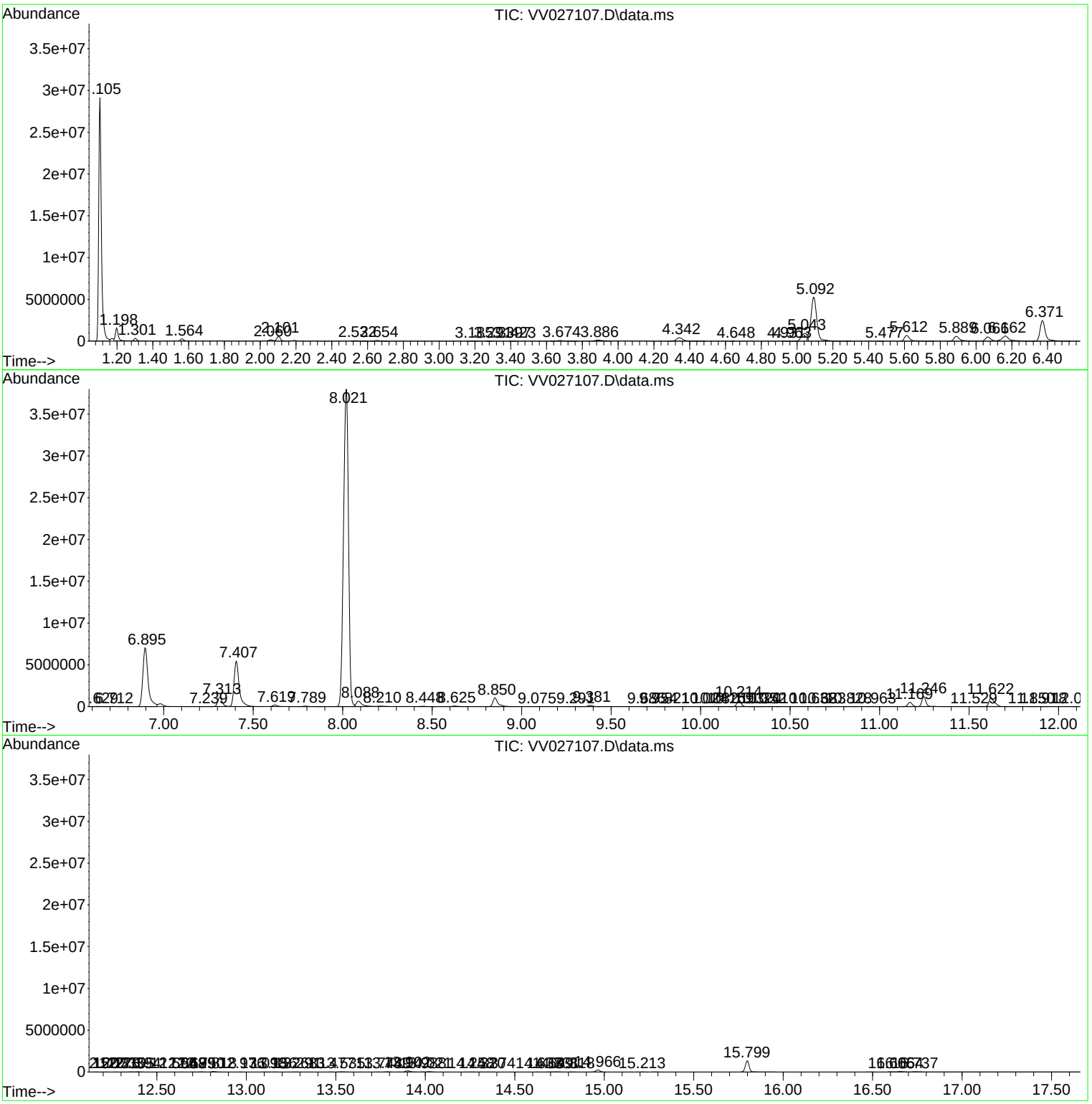
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027107.D
Acq On : 30 Jul 2022 01:05
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

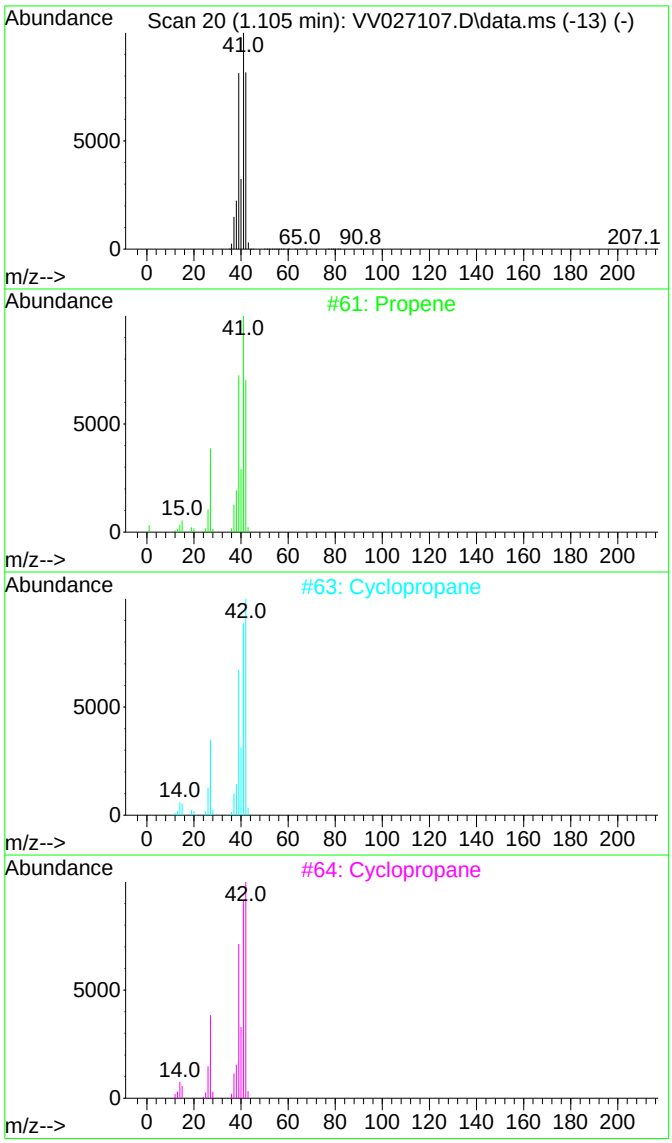
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

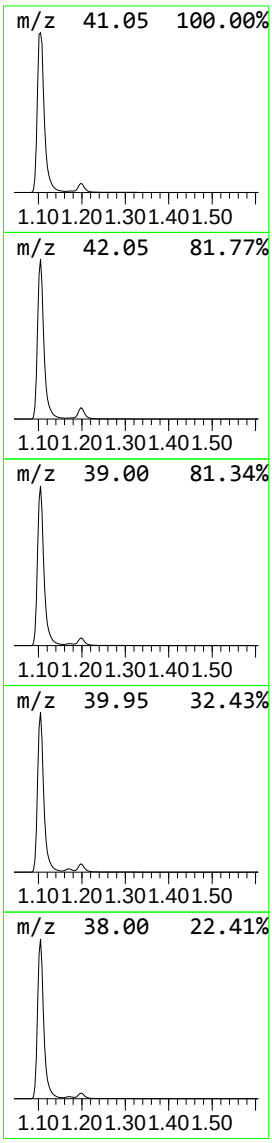
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.105	1055.19 ug/L	29991500	1,4-Difluorobenzene	5.612

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	Cyclopropane	42	C3H6	000075-19-4	59
5	Propene	42	C3H6	000115-07-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027107.D
Acq On : 30 Jul 2022 01:05
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

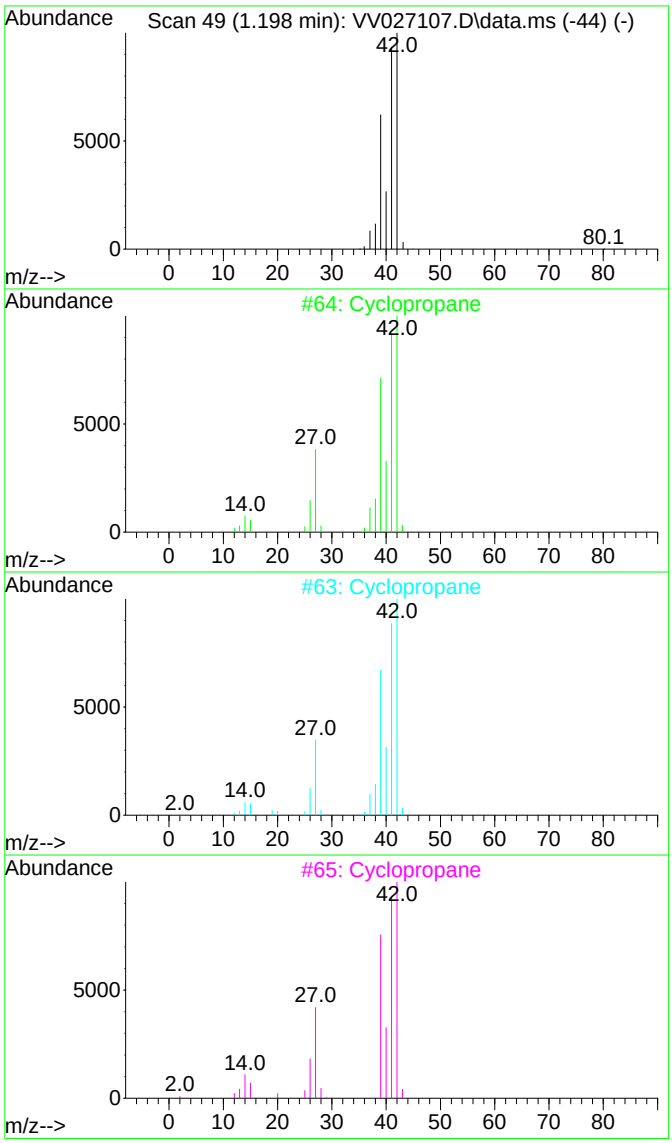
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

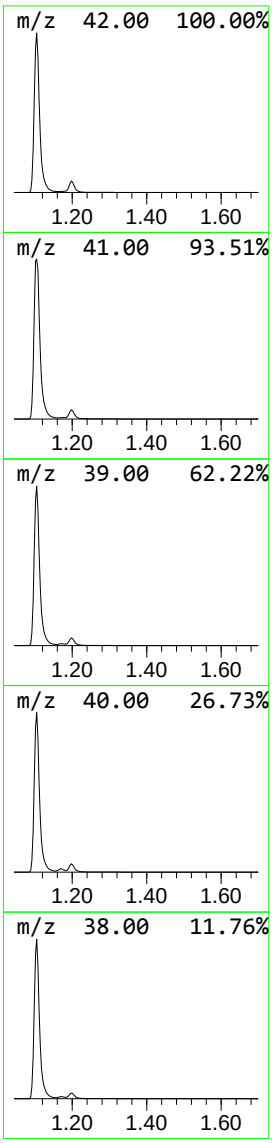
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic1.198 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.198	57.42 ug/L	1632010	1,4-Difluorobenzene	5.612

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	Cyclopropane	42	C3H6	000075-19-4	72
4	Propene	42	C3H6	000115-07-1	9
5	Propene	42	C3H6	000115-07-1	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027107.D
Acq On : 30 Jul 2022 01:05
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

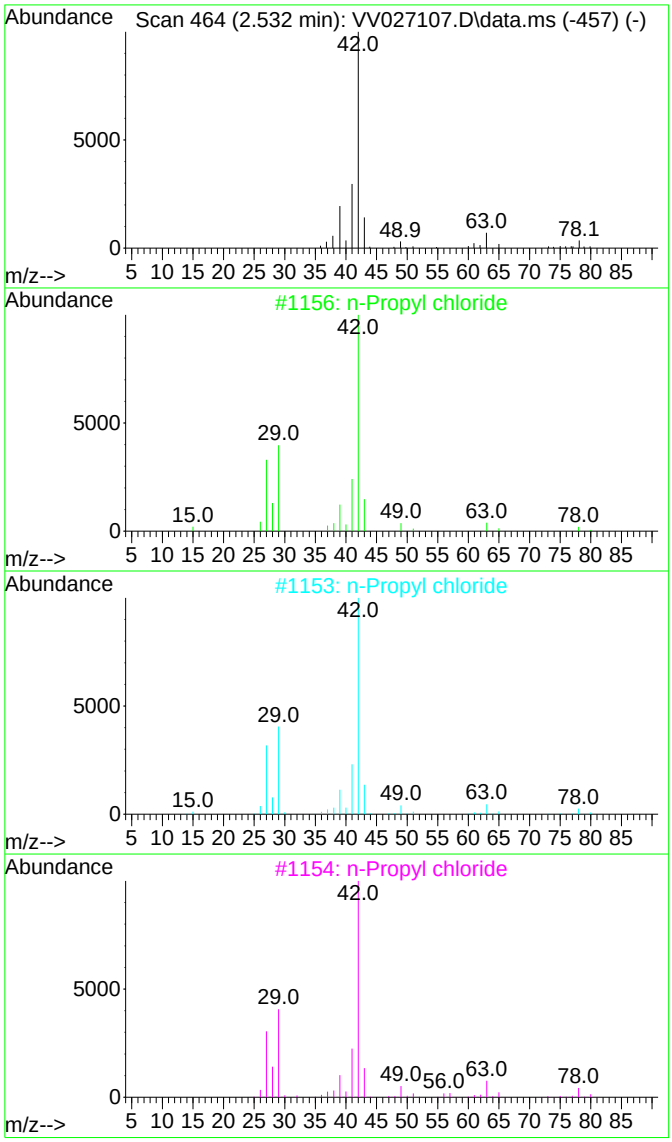
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

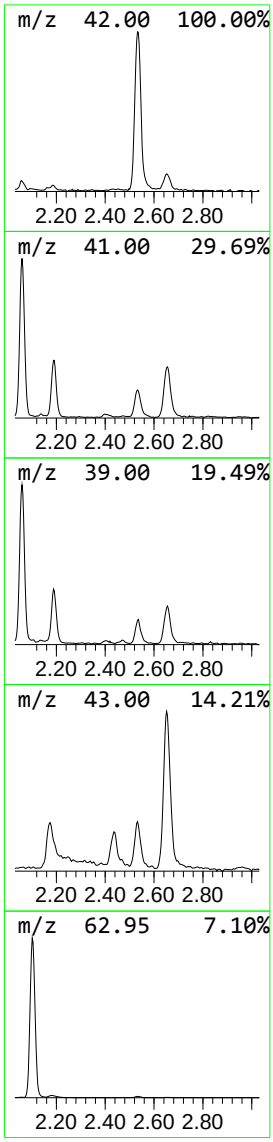
****

Peak Number 3 n-Propyl chloride Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.532	3.24 ug/L	91956	1,4-Difluorobenzene	5.612

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	40
5	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027107.D
Acq On : 30 Jul 2022 01:05
Operator : SY/MD
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ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

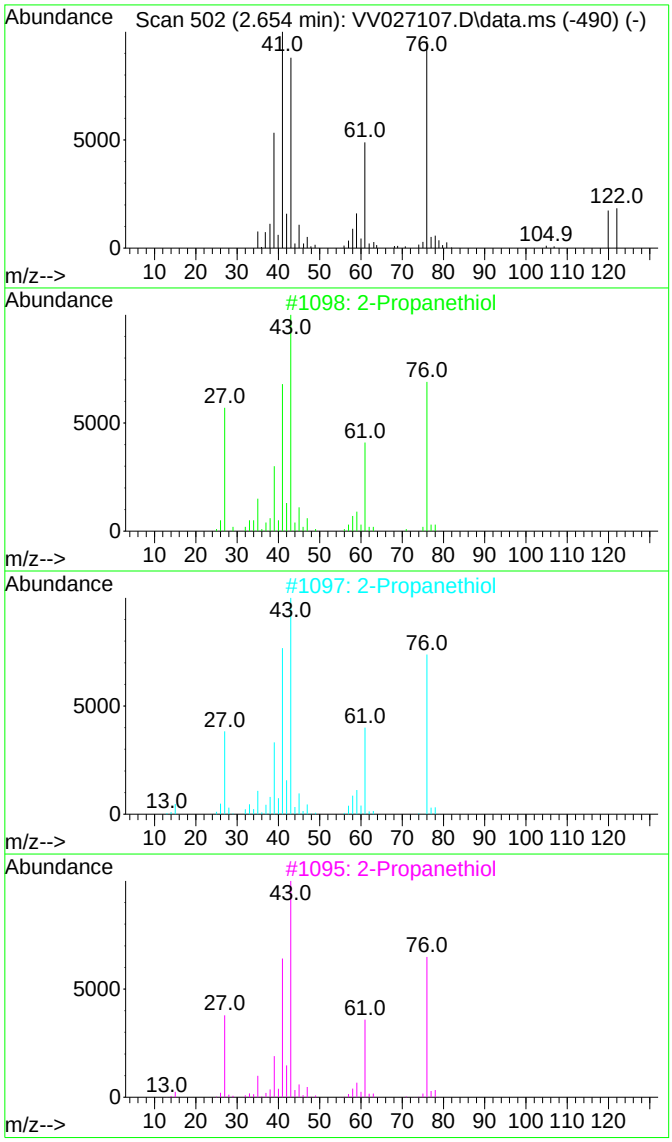
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

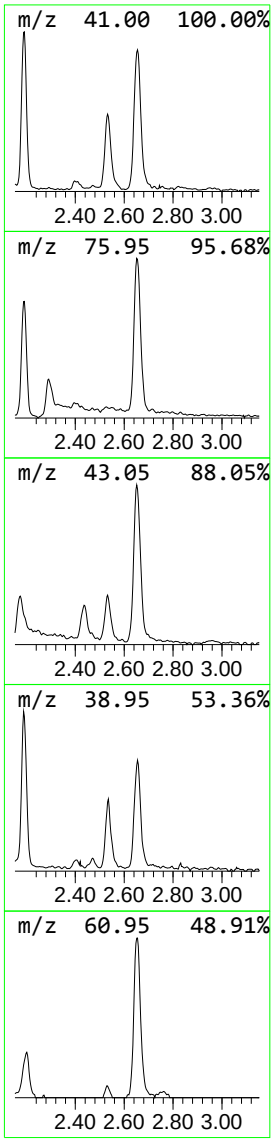
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Propanethiol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.654	5.02 ug/L	142777	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanethiol	76	C3H8S	000075-33-2	87
2	2-Propanethiol	76	C3H8S	000075-33-2	87
3	2-Propanethiol	76	C3H8S	000075-33-2	87
4	2-Propanethiol	76	C3H8S	000075-33-2	72
5	Thiourea	76	CH4N2S	000062-56-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027107.D
Acq On : 30 Jul 2022 01:05
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

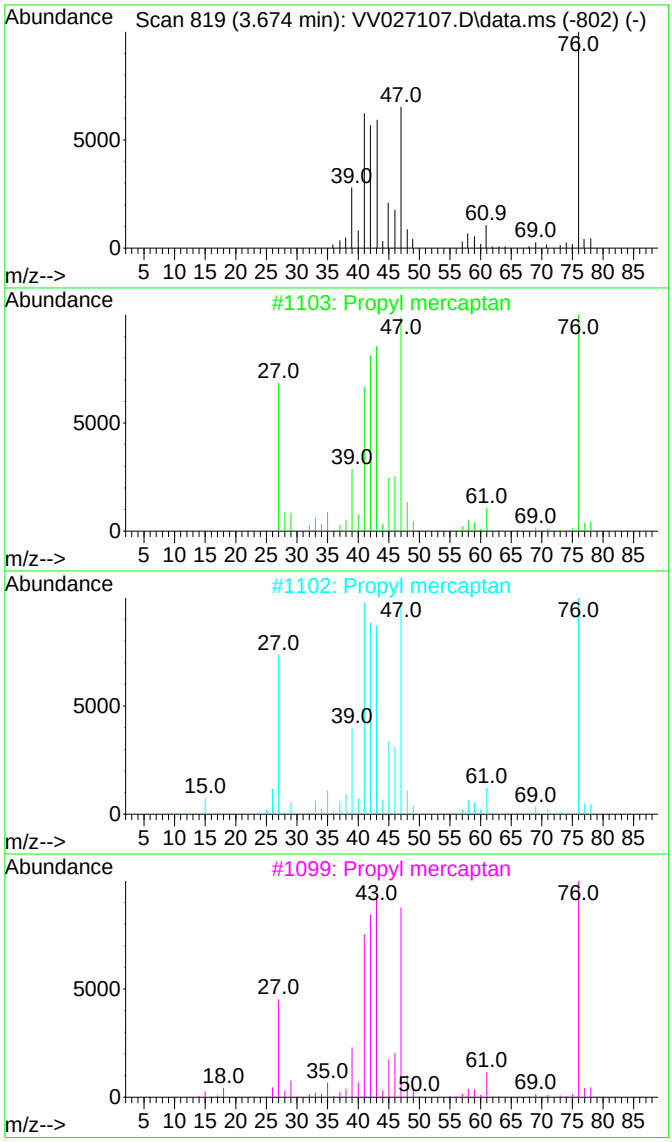
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

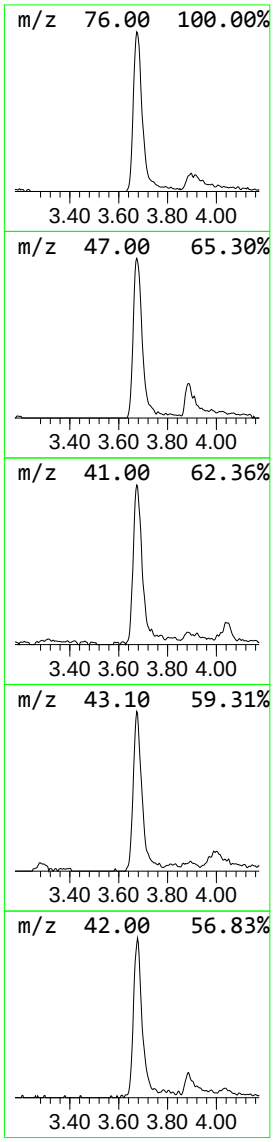
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Propyl mercaptan Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.674	6.81 ug/L	193570	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propyl mercaptan	76	C3H8S	000107-03-9	94
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	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027107.D
Acq On : 30 Jul 2022 01:05
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

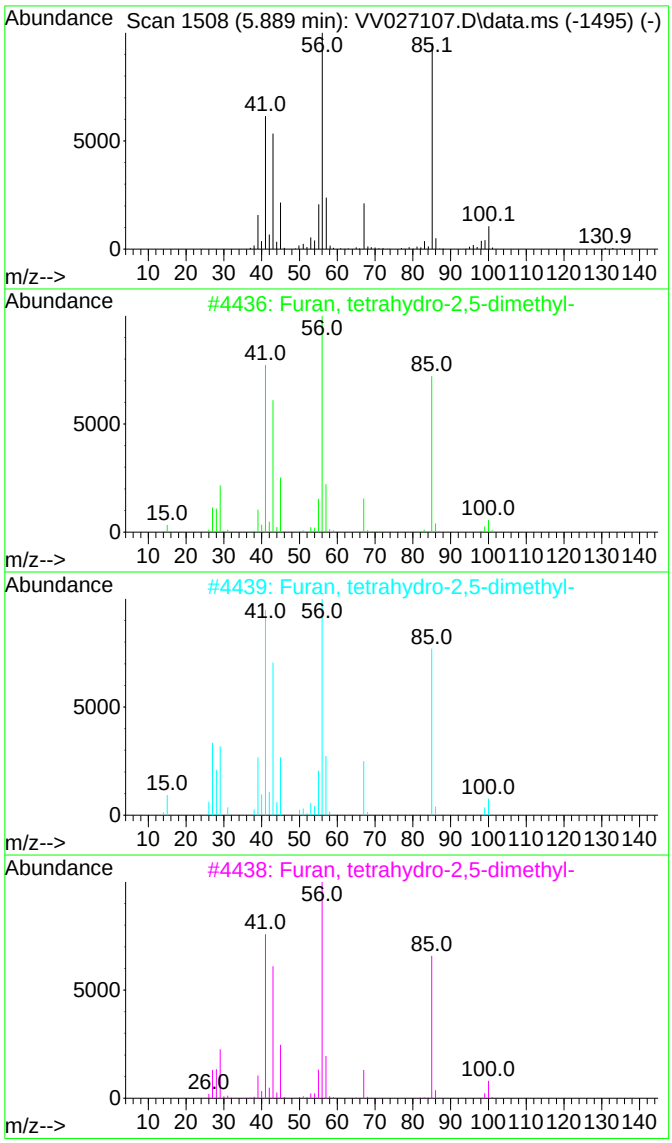
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

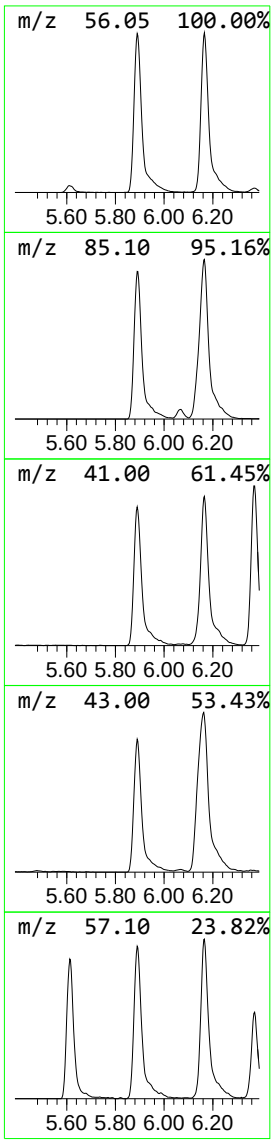
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.889	48.23 ug/L	1370720	1,4-Difluorobenzene	5.612

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	72
5	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027107.D
Acq On : 30 Jul 2022 01:05
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

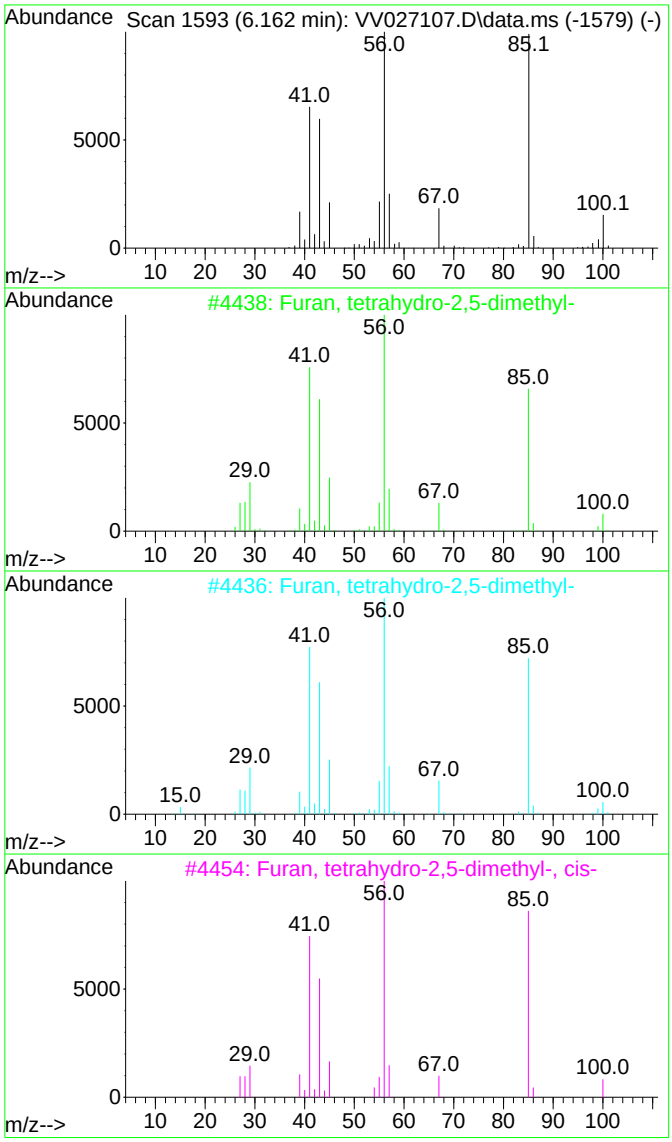
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

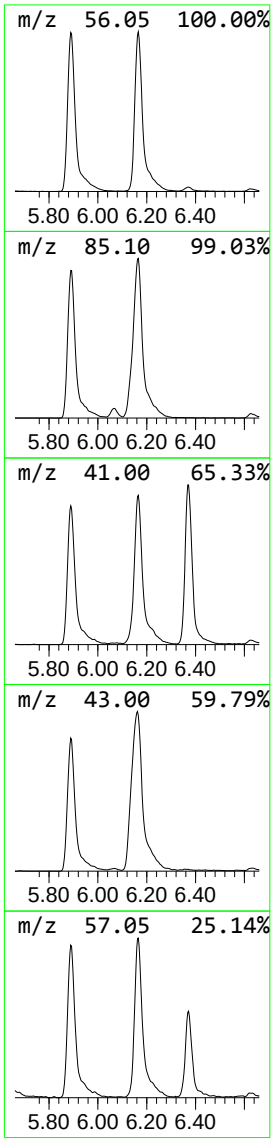
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.162	60.85 ug/L	1729660	1,4-Difluorobenzene	5.612

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	91
2	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	91
3	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	002144-41-4	90
4	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	038484-59-2	78
5	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027107.D
Acq On : 30 Jul 2022 01:05
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

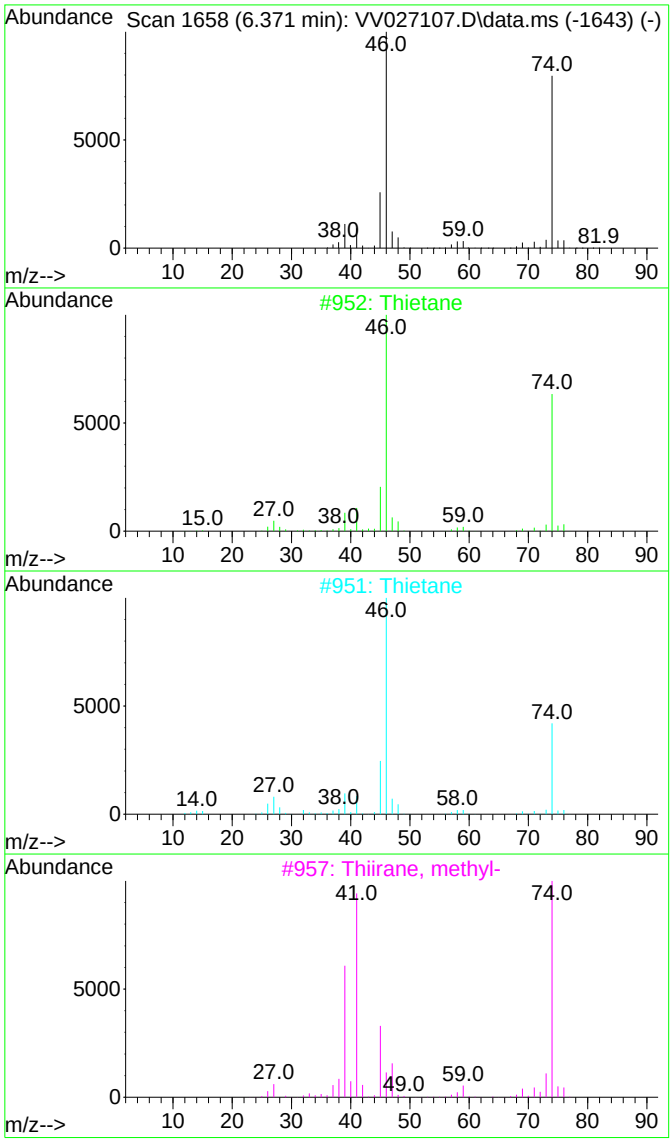
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

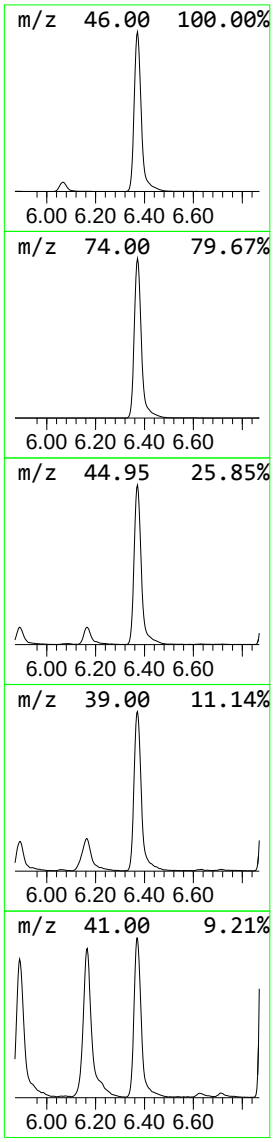
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Thietane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.371	177.53 ug/L	5045930	1,4-Difluorobenzene	5.612

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\VV072922\
Data File : VV027107.D
Acq On : 30 Jul 2022 01:05
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

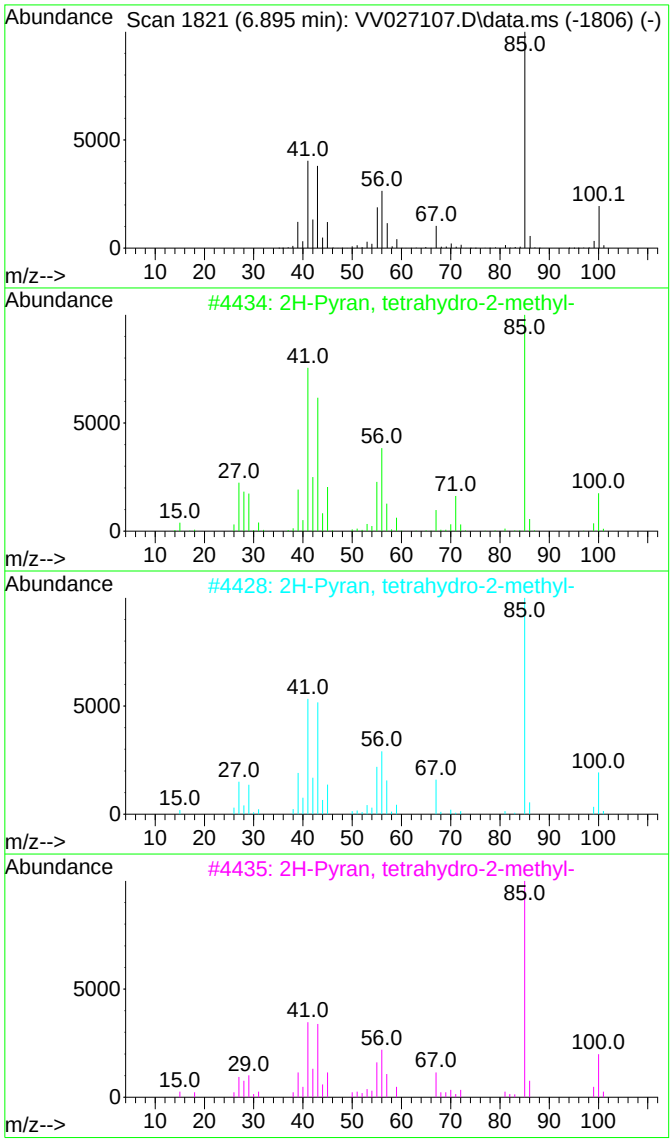
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

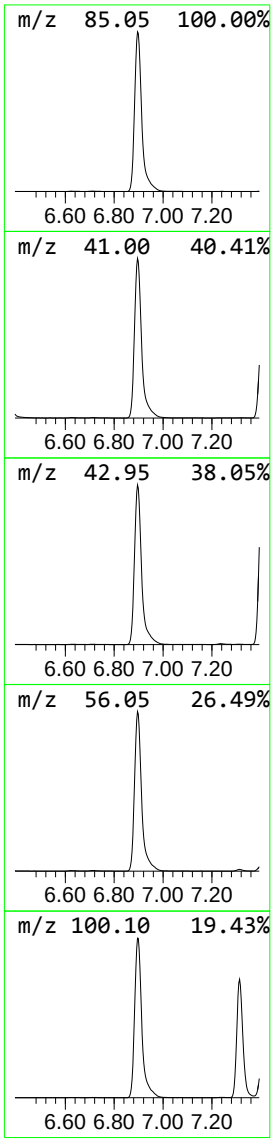
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.895	501.24 ug/L	14246700	1,4-Difluorobenzene	5.612

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	90
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	72
5	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027107.D
Acq On : 30 Jul 2022 01:05
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

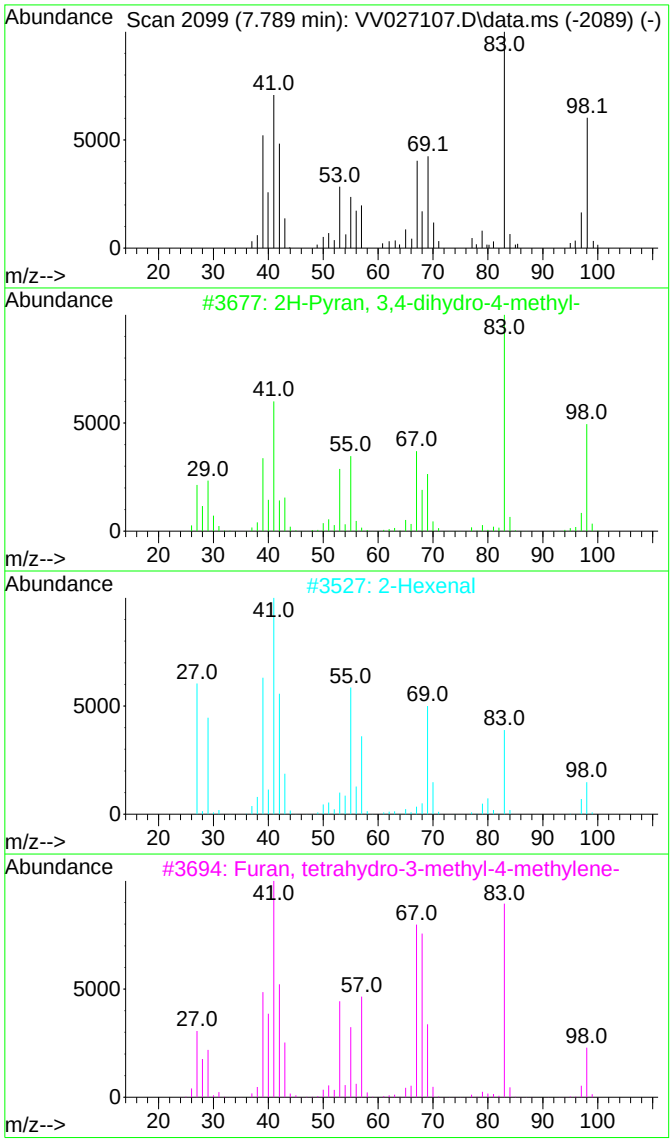
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

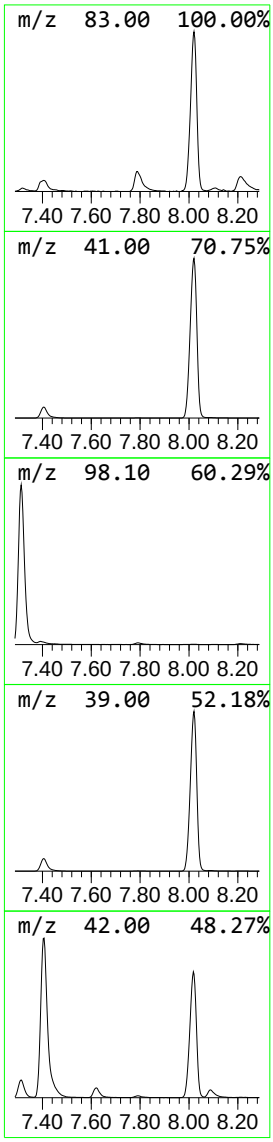
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2H-Pyran, 3,4-dihydro-4-met... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.789	2.91 ug/L	117938	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, 3,4-dihydro-4-methyl-	98	C6H10O	002270-61-3	70
2	2-Hexenal	98	C6H10O	000505-57-7	59
3	Furan, tetrahydro-3-methyl-4-met...	98	C6H10O	061142-01-6	58
4	4,4-Dimethyl-2-imidazoline	98	C5H10N2	002305-59-1	49
5	1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027107.D
Acq On : 30 Jul 2022 01:05
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

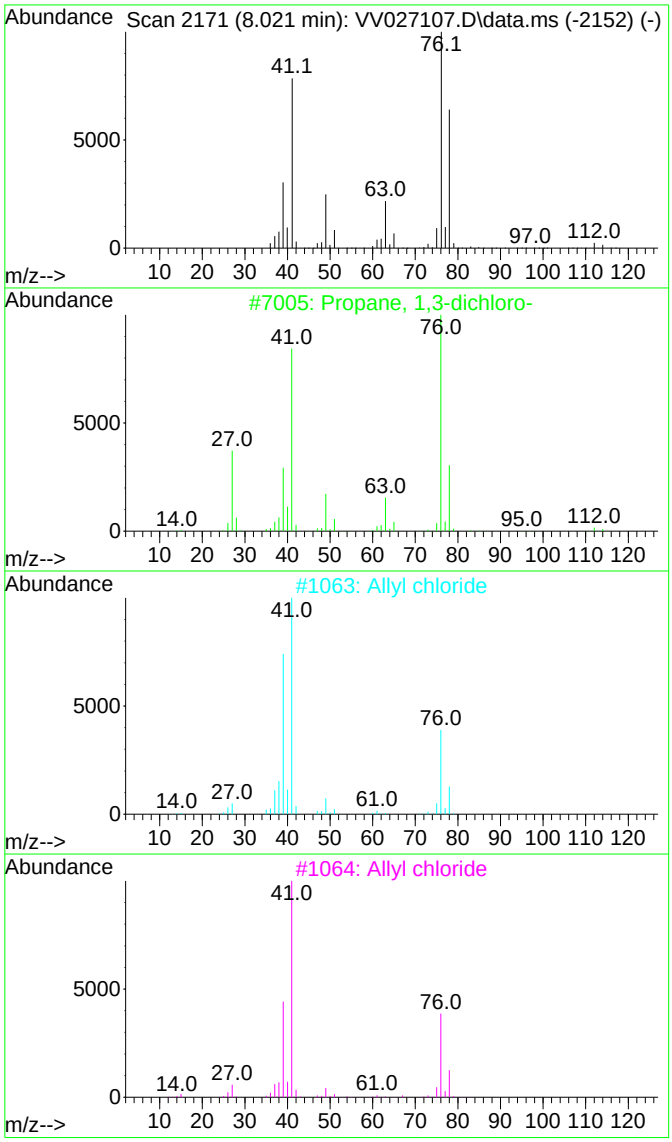
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

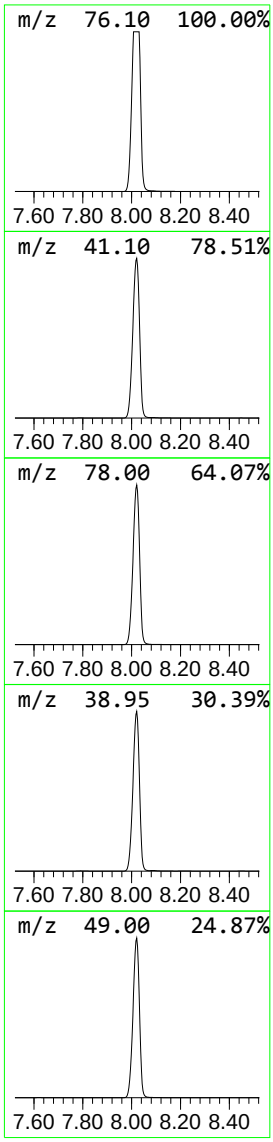
****

Peak Number 11 Propane, 1,3-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.021	1802.59 ug/L	73122300	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	64
2	Allyl chloride	76	C3H5Cl	000107-05-1	59
3	Allyl chloride	76	C3H5Cl	000107-05-1	53
4	1-Propene, 1-chloro-	76	C3H5Cl	000590-21-6	42
5	1-Propene, 1-chloro-	76	C3H5Cl	000590-21-6	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027107.D
Acq On : 30 Jul 2022 01:05
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

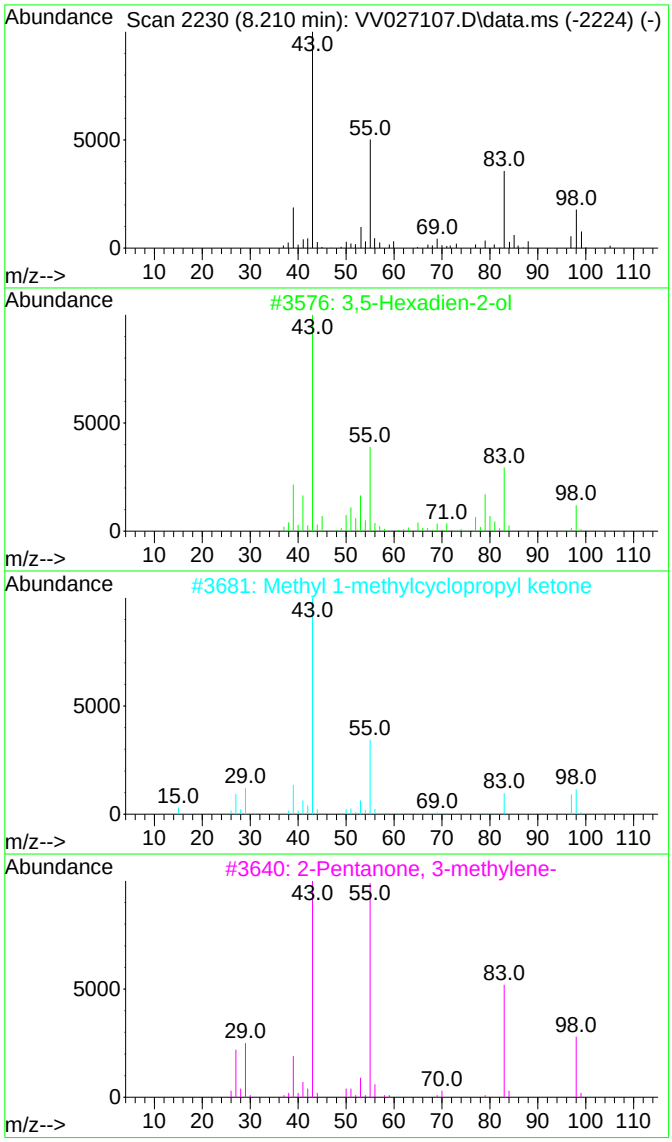
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

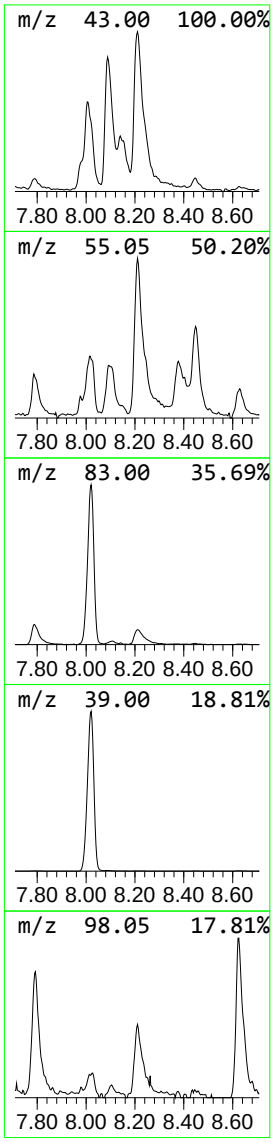
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 3,5-Hexadien-2-ol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.210	3.18 ug/L	129154	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Hexadien-2-ol	98	C6H10O	003280-51-1	53
2	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	50
3	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	47
4	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	46
5	4-Hexen-2-one	98	C6H10O	025659-22-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027107.D
Acq On : 30 Jul 2022 01:05
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

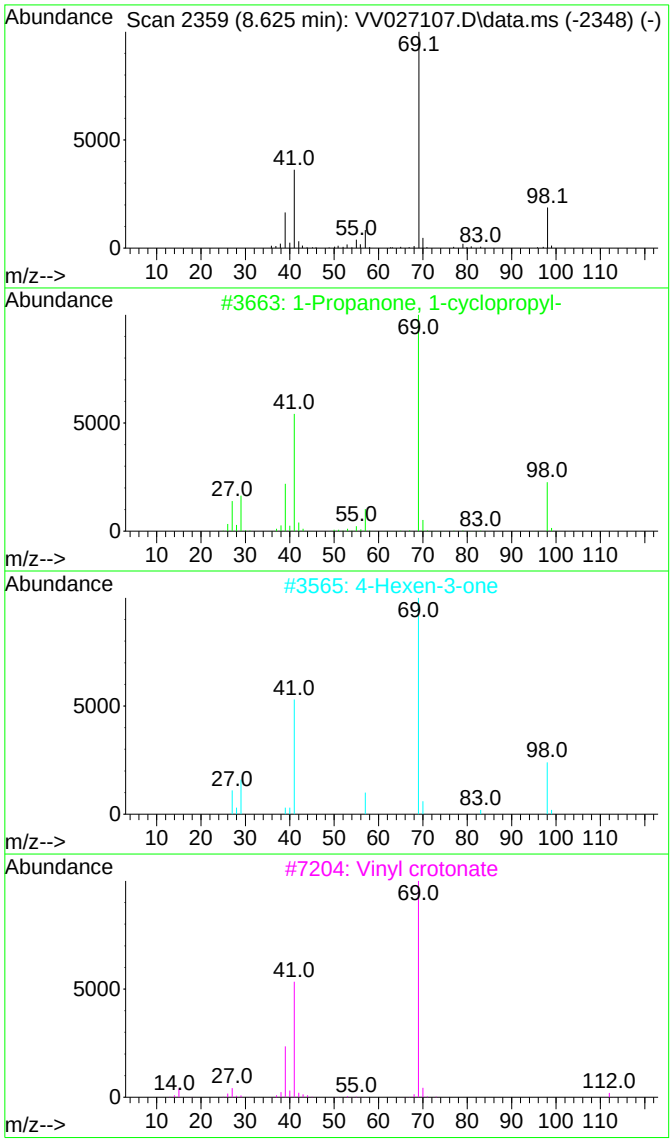
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

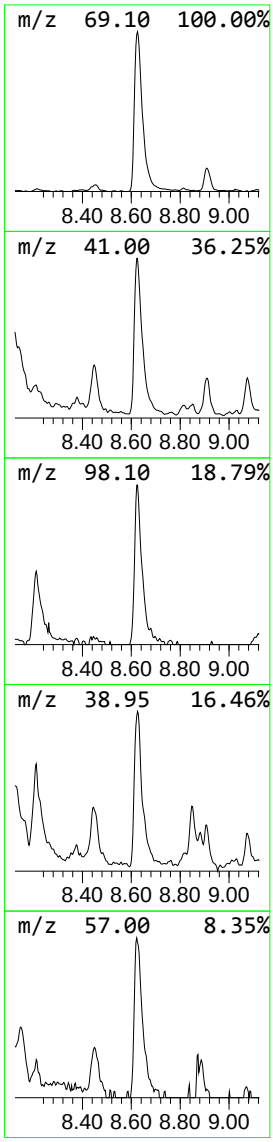
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1-Propanone, 1-cyclopropyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.625	3.97 ug/L	161147	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanone, 1-cyclopropyl-	98	C6H10O	006704-19-4	86
2	4-Hexen-3-one	98	C6H10O	002497-21-4	72
3	Vinyl crotonate	112	C6H8O2	014861-06-4	53
4	1-Propanone, 1-cyclopropyl-	98	C6H10O	006704-19-4	50
5	4-Hexen-3-one	98	C6H10O	002497-21-4	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027107.D
Acq On : 30 Jul 2022 01:05
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

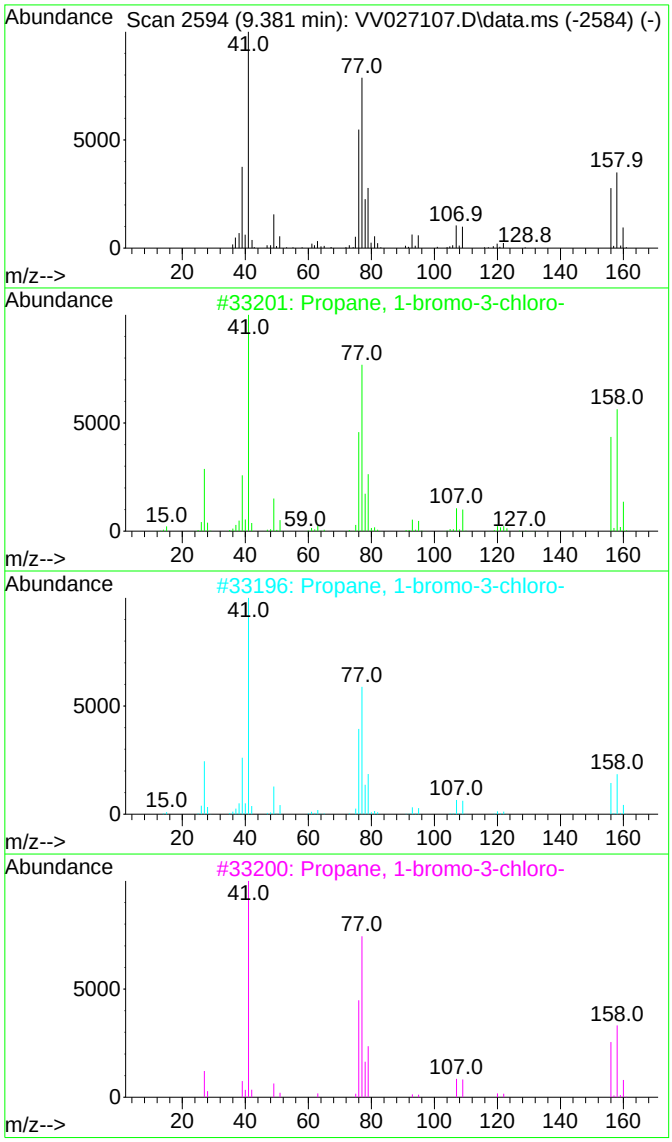
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

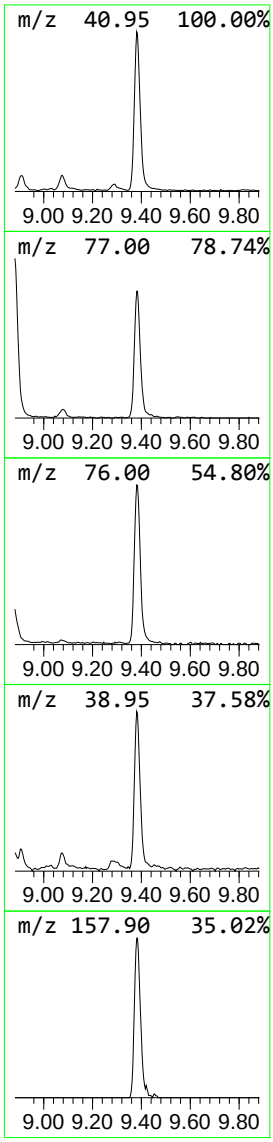
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Propane, 1-bromo-3-chloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.381	6.40 ug/L	259488	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	62
5	Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027107.D
Acq On : 30 Jul 2022 01:05
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

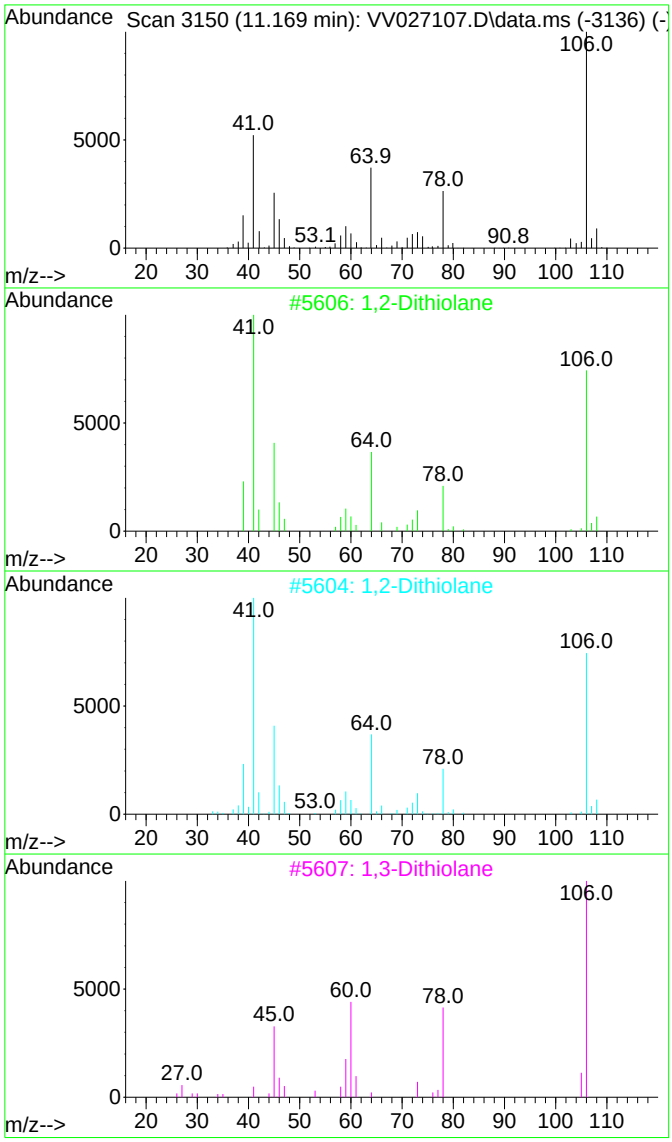
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

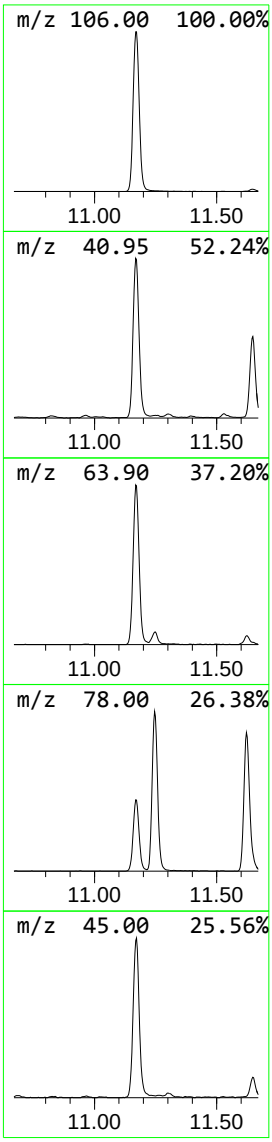
****

Peak Number 15 1,2-Dithiolane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	24.49 ug/L	888644	1,4-Dichlorobenzene-d4	11.246

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	59
4	1,3-Dithiolane	106	C3H6S2	004829-04-3	50
5	Carbonothioic dihydrazide	106	CH6N4S	002231-57-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027107.D
Acq On : 30 Jul 2022 01:05
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

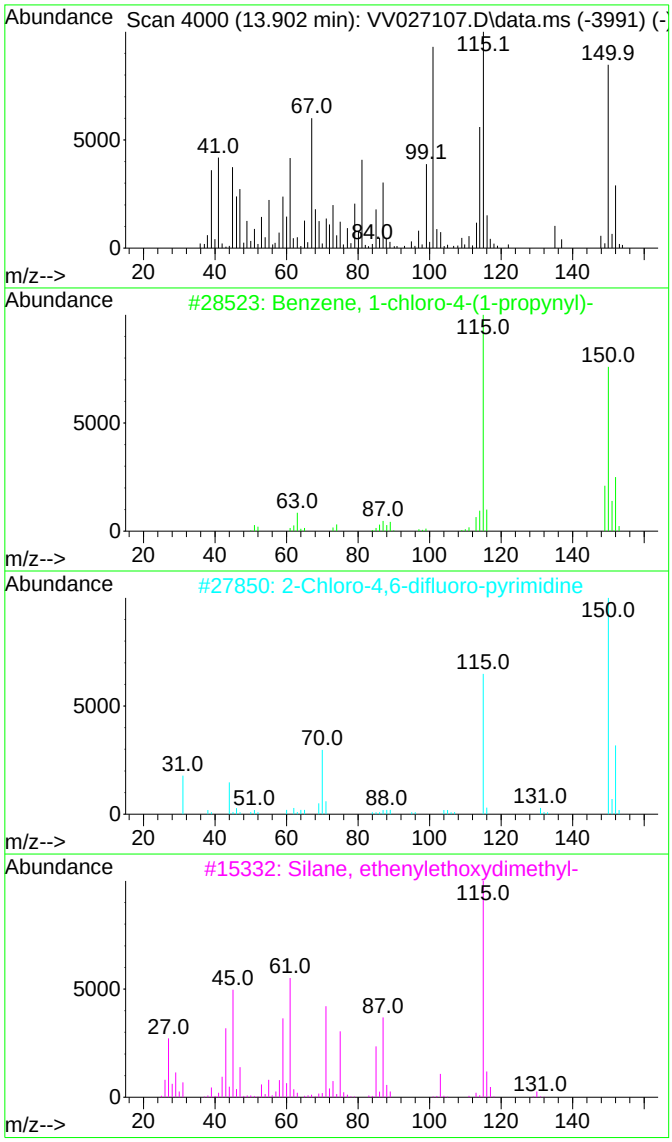
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

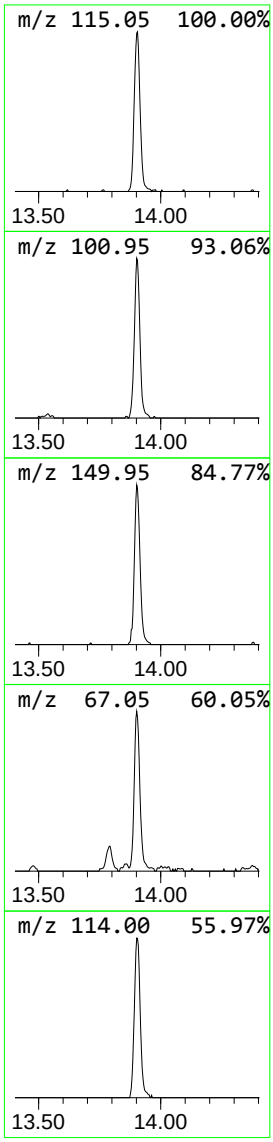
****

Peak Number 16 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.902	6.85 ug/L	248430	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-(1-propynyl)-	150	C9H7Cl	002809-65-6	38
2	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	14
3	Silane, ethenylethoxydimethyl-	130	C6H14OSi	005356-83-2	14
4	Silane, ethenylethoxydimethyl-	130	C6H14OSi	005356-83-2	14
5	2-Pyrrolidinethione	101	C4H7NS	002295-35-4	11





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027107.D
Acq On : 30 Jul 2022 01:05
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

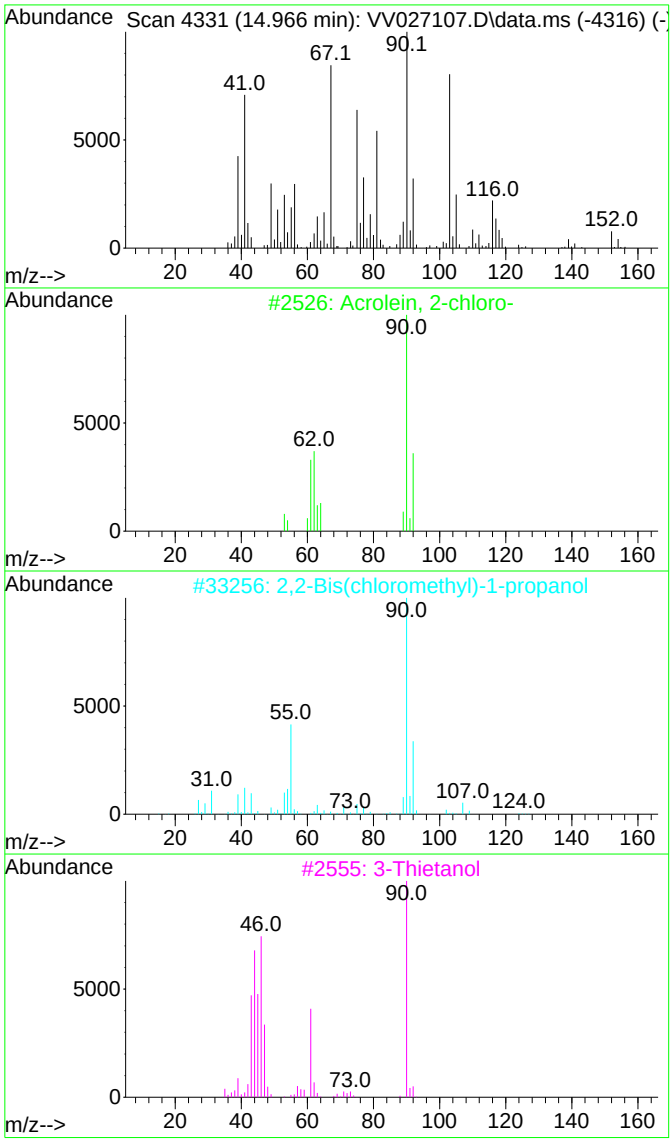
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

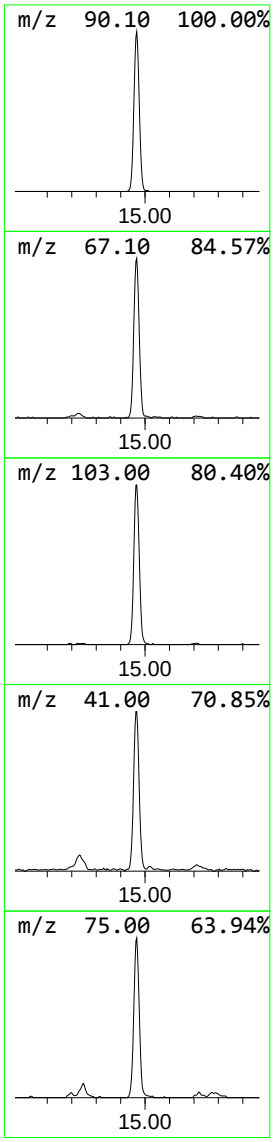
****

Peak Number 17 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.966	10.93 ug/L	396440	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	43
2	2,2-Bis(chloromethyl)-1-propanol	156	C5H10Cl2O	005355-54-4	38
3	3-Thietanol	90	C3H6OS	010304-16-2	25
4	Chromyl fluoride	122	CrF2O2	007788-96-7	17
5	4-(2-Aminoethyl)benzenesulfonamide	200	C8H12N2O2S	035303-76-5	17





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027107.D
Acq On : 30 Jul 2022 01:05
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

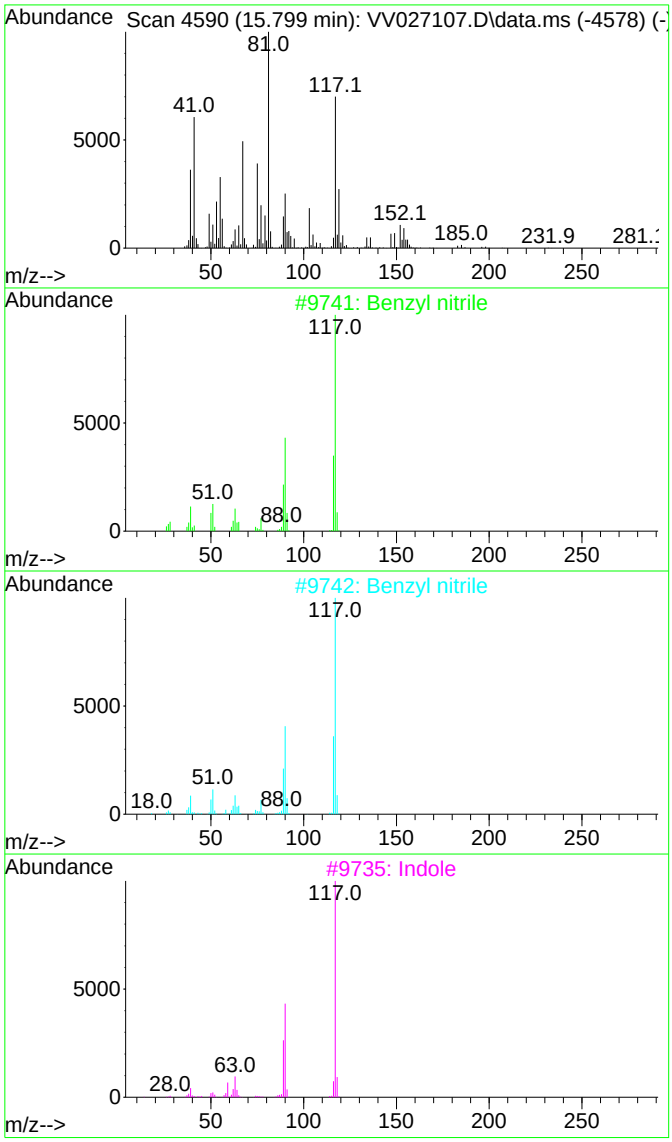
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

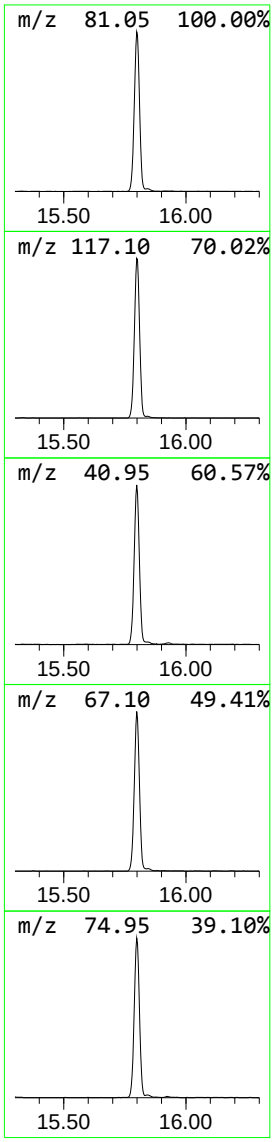
****

Peak Number 18 unknown-03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.799	54.55 ug/L	1979350	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl nitrile	117	C8H7N	000140-29-4	25
2	Benzyl nitrile	117	C8H7N	000140-29-4	25
3	Indole	117	C8H7N	000120-72-9	15
4	Benzyl nitrile	117	C8H7N	000140-29-4	15
5	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027107.D
Acq On : 30 Jul 2022 01:05
Operator : SY/MD
Sample : N3956-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.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	1055.2	ug/L	29991500	1	5.612	1421150	50.0
(DEL) Alkane: C...	1.198	57.4	ug/L	1632010	1	5.612	1421150	50.0
n-Propyl chloride	2.532	3.2	ug/L	91956	1	5.612	1421150	50.0
2-Propanethiol	2.654	5.0	ug/L	142777	1	5.612	1421150	50.0
Propyl mercaptan	3.674	6.8	ug/L	193570	1	5.612	1421150	50.0
Furan, tetrahyd...	5.889	48.2	ug/L	1370720	1	5.612	1421150	50.0
Furan, tetrahyd...	6.162	60.9	ug/L	1729660	1	5.612	1421150	50.0
Thietane	6.371	177.5	ug/L	5045930	1	5.612	1421150	50.0
2H-Pyran, tetra...	6.895	501.2	ug/L	14246700	1	5.612	1421150	50.0
2H-Pyran, 3,4-d...	7.789	2.9	ug/L	117938	2	8.850	2028260	50.0
Propane, 1,3-di...	8.021	1802.6	ug/L	73122300	2	8.850	2028260	50.0
3,5-Hexadien-2-ol	8.210	3.2	ug/L	129154	2	8.850	2028260	50.0
1-Propanone, 1-...	8.625	4.0	ug/L	161147	2	8.850	2028260	50.0
Propane, 1-brom...	9.381	6.4	ug/L	259488	2	8.850	2028260	50.0
1,2-Dithiolane	11.169	24.5	ug/L	888644	3	11.246	1814250	50.0
unknown-01	13.902	6.8	ug/L	248430	3	11.246	1814250	50.0
unknown-02	14.966	10.9	ug/L	396440	3	11.246	1814250	50.0
unknown-03	15.799	54.5	ug/L	1979350	3	11.246	1814250	50.0