LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

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: VV027106.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	38	rBV	32466740	35169968	63.33%	17.189%
2	1.304	73	82	93	rVB2	340207	381240	0.69%	0.186%
3	1.564	156	163	174	rVB	221727	264358	0.48%	0.129%
4	1.947	275	282	288	rBV	72025	97370	0.18%	0.048%
5	2.024	299	306	313	rBV2	98430	151529	0.27%	0.074%
6	2.101	322	330	345	rVB	466274	686608	1.24%	0.336%
7	2.198	349	360	377	rVB2	245865	409705	0.74%	0.200%
8	2.288	379	388	403	rVB	65113	100282	0.18%	0.049%
9	2.571	468	476	490	rVB	41963	78687	0.14%	0.038%
10	2.654	490	502	520	rBV2	158360	285611	0.51%	0.140%
11	2.828	546	556	576	rBV	65676	122920	0.22%	0.060%
12	3.185	646	667	685	rBV2	20151	56812	0.10%	0.028%
13	3.285	685	698	714	rBV2	45362	107870	0.19%	0.053%
14	3.802	850	859	874	rVV2	68894	165920	0.30%	0.081%
15	3.883	874	884	922	rVV	117682	375894	0.68%	0.184%
16	4.343	1010	1027	1056	rBV	348795	901564	1.62%	0.441%
17	4.674	1113	1130	1145	rVV4	27791	72228	0.13%	0.035%
18	5.095	1248	1261	1317	rVB	15818527	35779876	64.42%	17.487%
19	5.359	1335	1343	1365	rVB	71724	162438	0.29%	0.079%
20	5.613	1410	1422	1459	rVB	616429	1262877	2.27%	0.617%
21	5.860	1489	1499	1505	rBV2	232547	425994	0.77%	0.208%
22	6.066	1549	1563	1576	rBV	469935	960954	1.73%	0.470%
23	6.166	1589	1594	1616	rVB3	111497	223906	0.40%	0.109%
24	6.371	1642	1658	1703	rVB	218763	523635	0.94%	0.256%
25	6.895	1807	1821	1840	rBV	2010637	4033292	7.26%	1.971%
26	6.982	1841	1848	1870	rVB	336246	673321	1.21%	0.329%
27	7.236	1917	1927	1939	rBV3	39245	94407	0.17%	0.046%
28	7.313	1940	1951	1962	rBV	1035088	1778103	3.20%	0.869%
29	7.384	1962	1973	1995	rBV2	4083555	10133805	18.25%	4.953%
30	7.619	2032	2046	2065	rVB	195544	375041	0.68%	0.183%
31	7.783	2086	2097	2135	rVB	892859	1904324	3.43%	0.931%
32	8.008	2154	2167	2183	rVV	1872727	3219341	5.80%	1.573%
33	8.088	2183	2192	2221	rVV	577040	1283997	2.31%	0.628%
34	8.214	2222	2231	2267	rVB2	151150	353838	0.64%	0.173%
35	8.445	2290	2303	2329	rVV	540260	1099602	1.98%	0.537%
36	8.629	2350	2360	2368	rBV2	37290	76322	0.14%	0.037%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

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	8.674	2369	2374	2384	rVV2	47467	76170	0.14%	0.037%
38	8.812	2406	2417	2421	rBV	118592	171412	0.31%	0.084%
39	8.883	2421	2439	2465	rVV2	32127705	55538282	100.00%	27.144%
40	9.005	2465	2477	2493	rVB2	311109	778022	1.40%	0.380%
41	9.137	2504	2518	2540	rVB	347524	657734	1.18%	0.321%
42	9.297	2559	2568	2582	rVB7	29415	57697	0.10%	0.028%
43	9.384	2586	2595	2602	rBV4	46502	72685	0.13%	0.036%
44	9.442	2602	2613	2634	rVV4	59865	173841	0.31%	0.085%
45	9.542	2634	2644	2657	rVV	256844	409188	0.74%	0.200%
46	9.825	2719	2732	2752	rVB4	52807	142828	0.26%	0.070%
47	9.931	2754	2765	2773	rBV2	30320	54320	0.10%	0.027%
48	9.985	2773	2782	2800	rBV5	107731	234380	0.42%	0.115%
49	10.079	2800	2811	2826	rBV	657108	1089099	1.96%	0.532%
50	10.214	2839	2853	2878	rVB	1296138	2075838	3.74%	1.015%
51	10.355	2888	2897	2904	rBV3	97683	156459	0.28%	0.076%
52	10.413	2904	2915	2931	rVV2	441669	1006791	1.81%	0.492%
53	10.538	2944	2954	2974	rVB	288977	480241	0.86%	0.235%
54	10.683	2989	2999	3009	rBV	297955	489501	0.88%	0.239%
55	10.735	3009	3015	3034	rVB	89159	161958	0.29%	0.079%
56	10.828	3036	3044	3059	rVB3	37262	73369	0.13%	0.036%
57	10.915	3061	3071	3078	rBV	104445	161749	0.29%	0.079%
58	10.960	3079	3085	3096	rVB4	60469	95099	0.17%	0.046%
59	11.024	3097	3105	3117	rVB3	87837	150178	0.27%	0.073%
60	11.120	3129	3135	3142	rVB	36920	47598	0.09%	0.023%
61	11.172	3142	3151	3164	rVB	155111	277092	0.50%	0.135%
62	11.246	3164	3174	3184	rBV	1206070	1908903	3.44%	0.933%
63	11.300	3184	3191	3200	rBV	427985	590867	1.06%	0.289%
64	11.397	3214	3221	3231	rVB4	36070	57979	0.10%	0.028%
65	11.529	3253	3262	3274	rBV3	72199	122891	0.22%	0.060%
66	11.622	3280	3291	3320	rVB3	1175994	3164608	5.70%	1.547%
67	11.747	3321	3330	3340	rBV3	64808	105261	0.19%	0.051%
68	11.828	3350	3355	3368	rVB2	51290	85465	0.15%	0.042%
69	11.911	3370	3381	3400	rBV5	39521	85529	0.15%	0.042%
70	12.111	3432	3443	3452	rBV4	102418	192408	0.35%	0.094%
71	12.390	3518	3530	3545	rBV4	247436	477268	0.86%	0.233%
72	12.532	3567	3574	3580	rBV3	35102	54280	0.10%	0.027%
73	12.747	3631	3641	3648	rBV	81345	131339	0.24%	0.064%
74	12.815	3654	3662	3675	rVB	359206	542461	0.98%	0.265%
75	12.879	3676	3682	3698	rVB2	54478	107081	0.19%	0.052%
76	13.043	3725	3733	3746	rVB3	32997	58381	0.11%	0.029%

LSC Area Percent Report

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Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

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

77	13.159	3758	3769	3775	rBV5	78660	152977	0.28%	0.075%
78	13.201	3775	3782	3786	rBV3	68788	95172	0.17%	0.047%
79	13.474	3857	3867	3873	rBV2	268617	436874	0.79%	0.214%
80	13.615	3905	3911	3924	rVB6	31171	58220	0.10%	0.028%
81	13.712	3931	3941	3951	rBV6	29344	66714	0.12%	0.033%
82	13.786	3953	3964	3975	rVB	173632	271274	0.49%	0.133%
83	13.853	3977	3985	3990	rBV3	77610	115437	0.21%	0.056%
84	13.902	3990	4000	4020	rVB	3924461	6069092	10.93%	2.966%
85	14.021	4028	4037	4050	rVB	280484	433632	0.78%	0.212%
86	14.316	4115	4129	4137	rVV3	36635	84929	0.15%	0.042%
87	14.368	4137	4145	4158	rVV4	45948	94727	0.17%	0.046%
88	14.538	4189	4198	4214	rBV7	30819	69139	0.12%	0.034%
89	14.631	4220	4227	4237	rVB	49101	70146	0.13%	0.034%
90	14.696	4238	4247	4250	rBV3	43490	58065	0.10%	0.028%
91	14.728	4251	4257	4266	rVB2	111954	161592	0.29%	0.079%
92	14.815	4275	4284	4294	rVB	103028	165274	0.30%	0.081%
93	14.963	4317	4330	4344	rBV	2070213	3023072	5.44%	1.478%
94	15.217	4399	4409	4419	rBV7	44105	90507	0.16%	0.044%
95	15.287	4420	4431	4441	rVV6	54386	131698	0.24%	0.064%
96	15.799	4577	4590	4601	rBV	10660962	16077720	28.95%	7.858%
97	15.927	4621	4630	4642	rVB2	43055	69350	0.12%	0.034%
98	16.606	4831	4841	4848	rBV	63715	100210	0.18%	0.049%
99	16.654	4848	4856	4872	rVB	259412	404019	0.73%	0.197%
100	16.738	4872	4882	4895	rBV	120137	193207	0.35%	0.094%

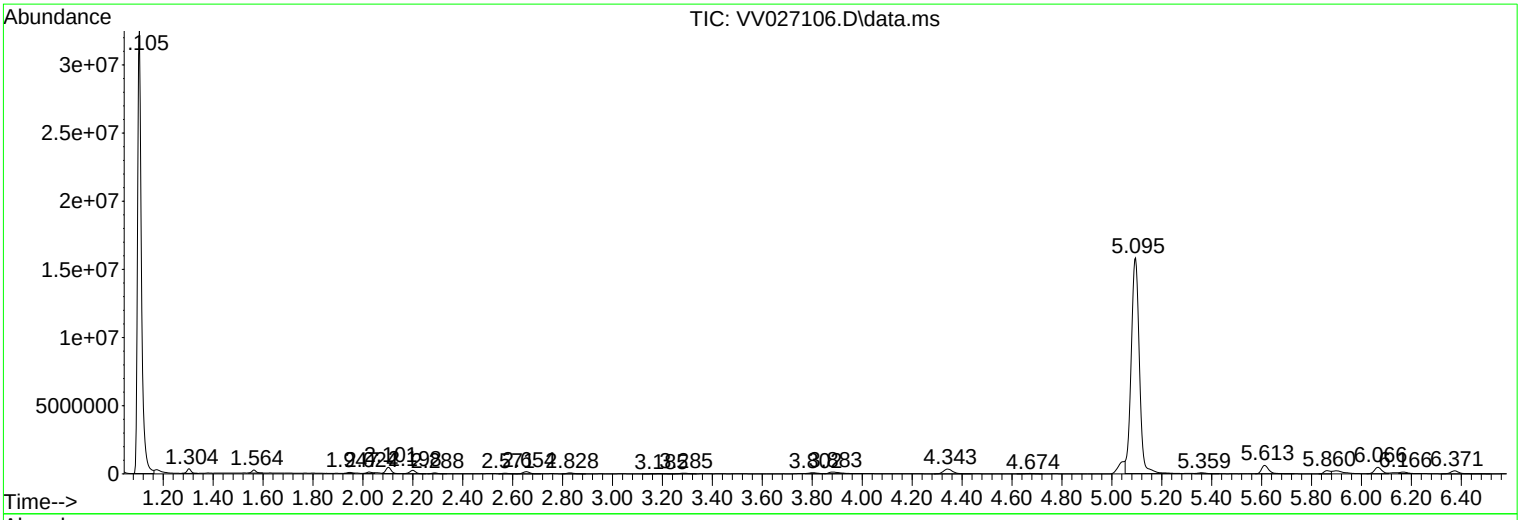
Sum of corrected areas: 204602938

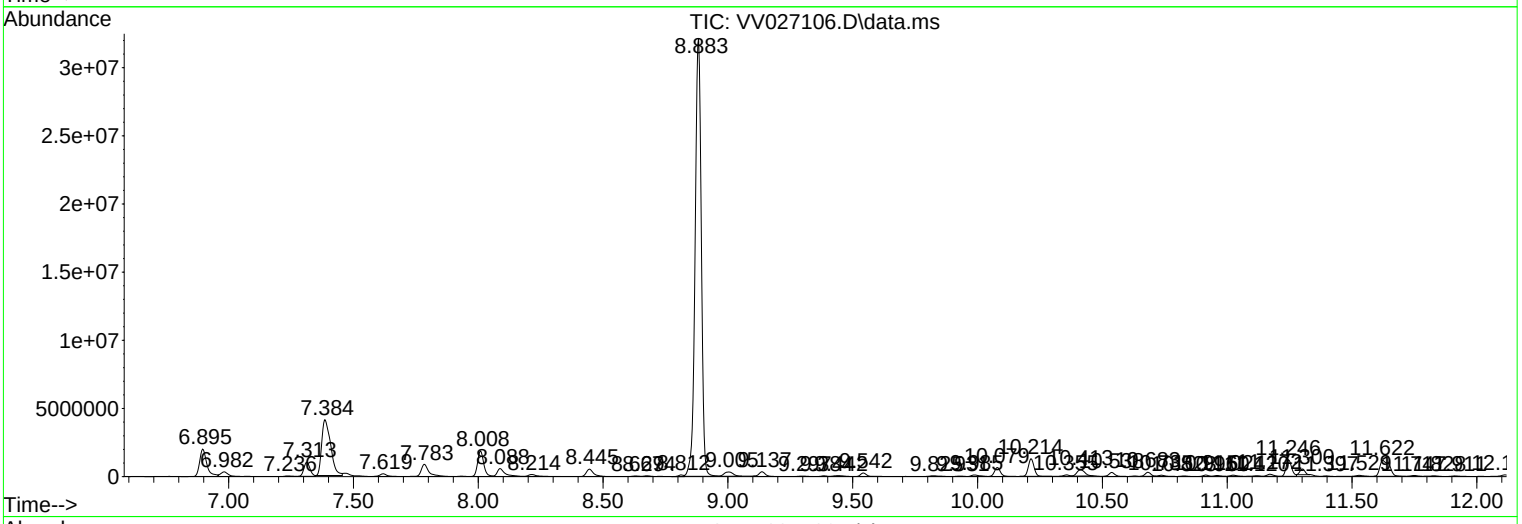
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

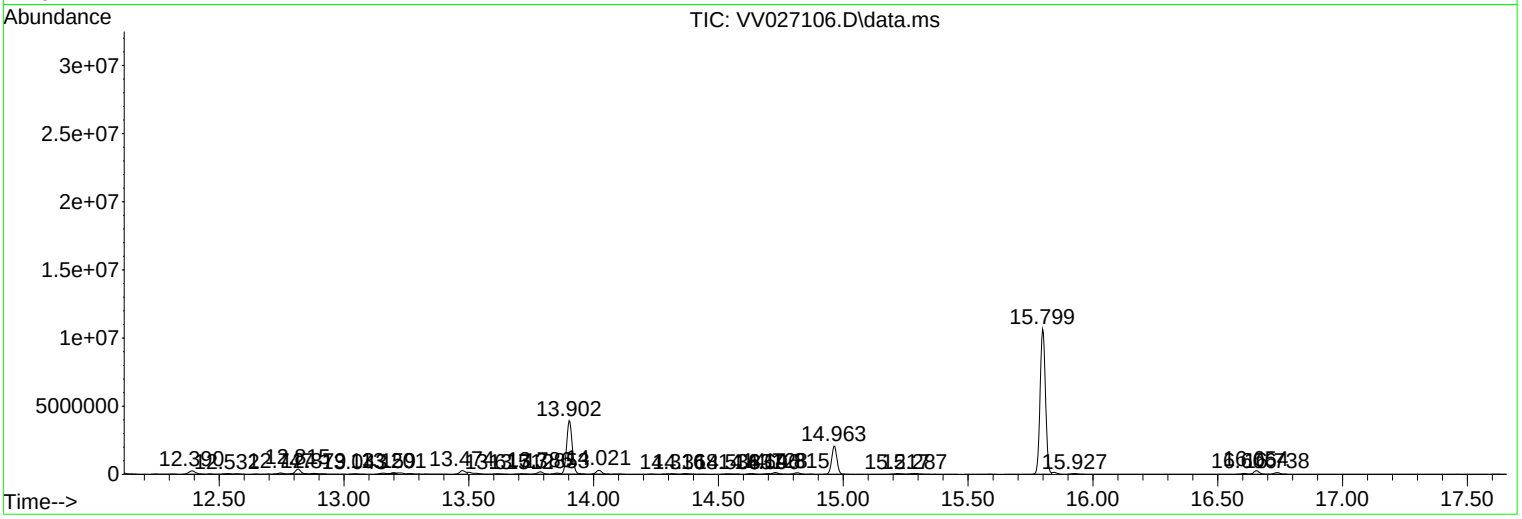
Instrument :
MSVOA_V
ClientSampleId :
EXF02

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 : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

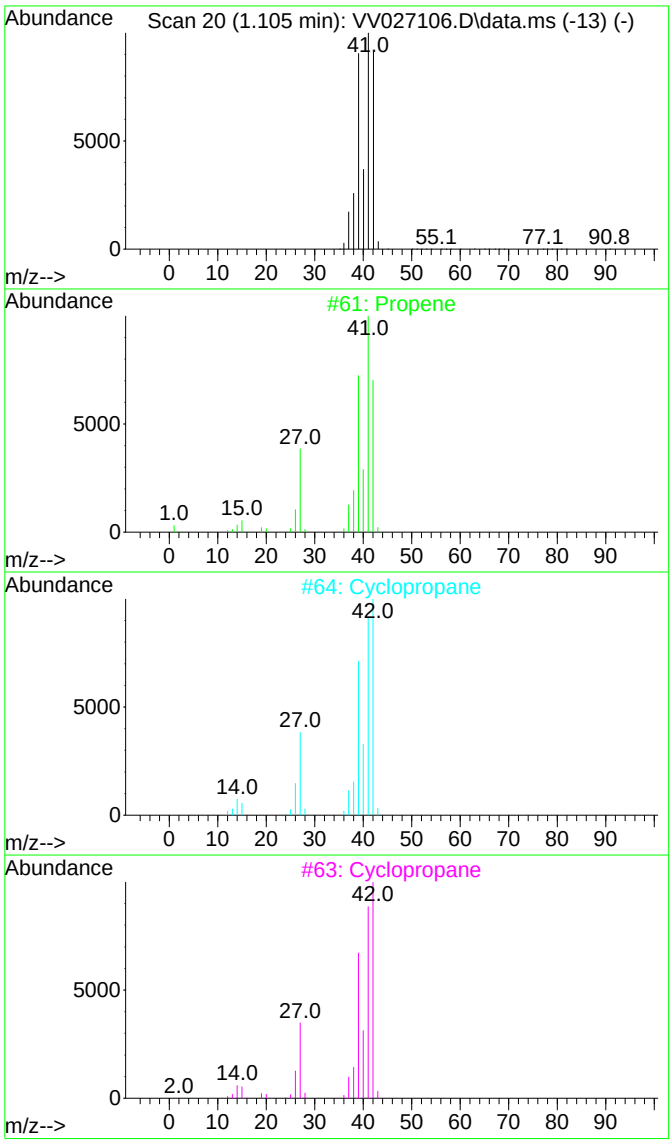
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

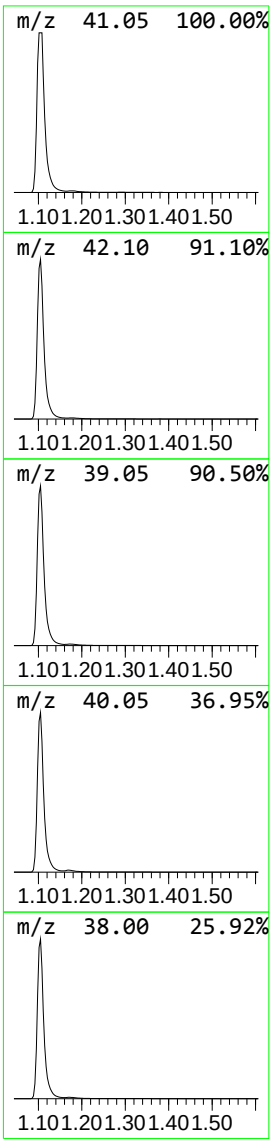
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.105	1392.45 ug/L	35170000	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	72
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 : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

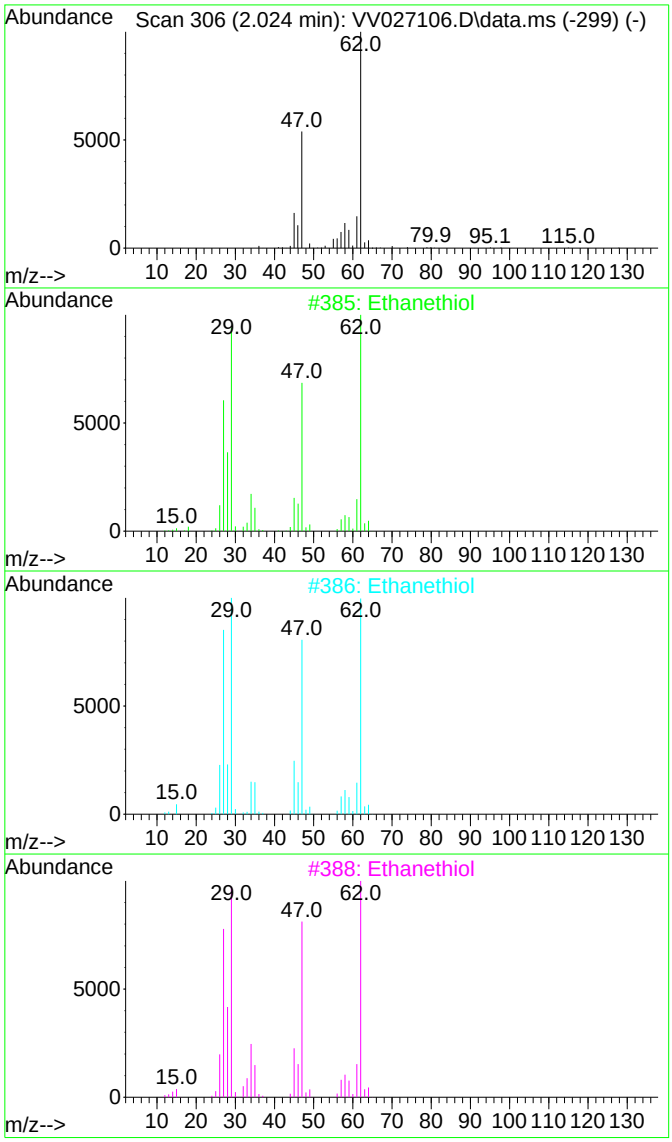
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

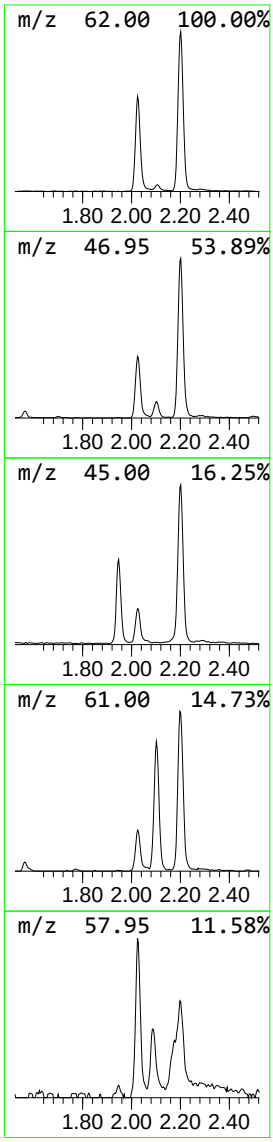
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanethiol Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.024	6.00 ug/L	151529	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanethiol	62	C2H6S	000075-08-1	91
2	Ethanethiol	62	C2H6S	000075-08-1	83
3	Ethanethiol	62	C2H6S	000075-08-1	83
4	Ethanethiol	62	C2H6S	000075-08-1	78
5	Peroxide, dimethyl	62	C2H6O2	000690-02-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

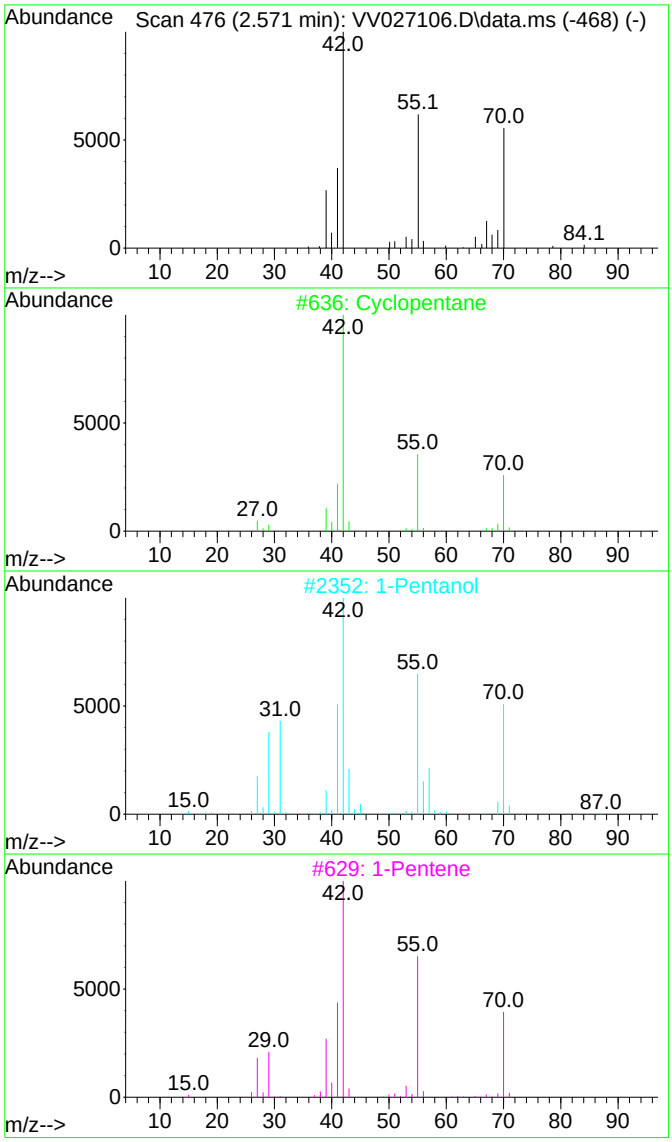
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

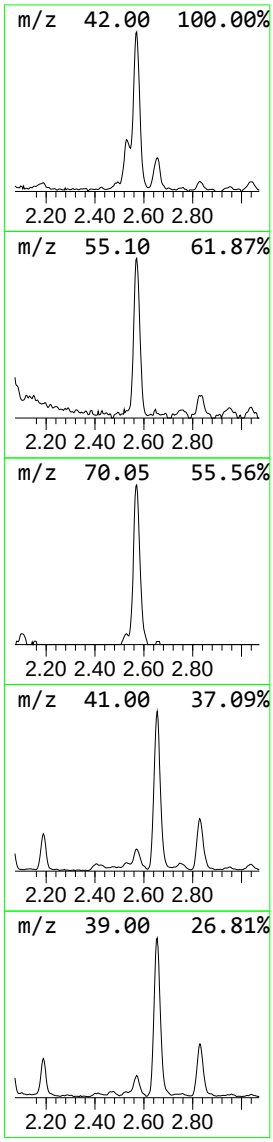
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic2.571 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.571	3.12 ug/L	78687	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	72
2	1-Pentanol	88	C5H12O	000071-41-0	72
3	1-Pentene	70	C5H10	000109-67-1	64
4	Carbonochloridic acid, pentyl ester	150	C6H11ClO2	000638-41-5	40
5	2-Pentene	70	C5H10	000109-68-2	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

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

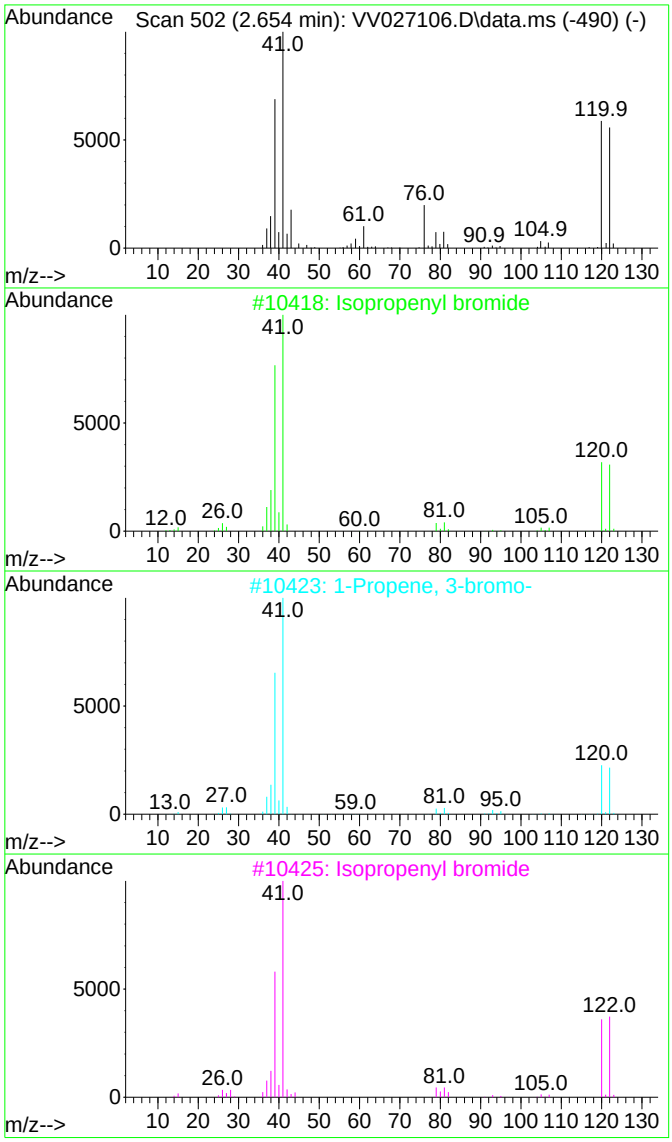
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

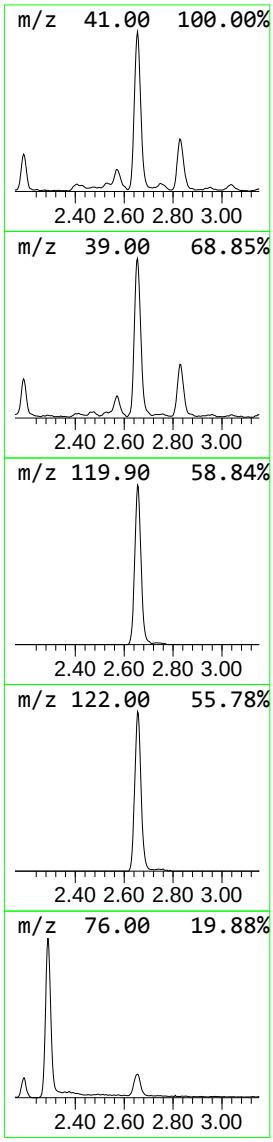
****

Peak Number 5 Isopropenyl bromide Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.654	11.31 ug/L	285611	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropenyl bromide	120	C3H5Br	000557-93-7	81
2	1-Propene, 3-bromo-	120	C3H5Br	000106-95-6	81
3	Isopropenyl bromide	120	C3H5Br	000557-93-7	76
4	Isopropenyl bromide	120	C3H5Br	000557-93-7	76
5	Cyclopropyl bromide	120	C3H5Br	004333-56-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

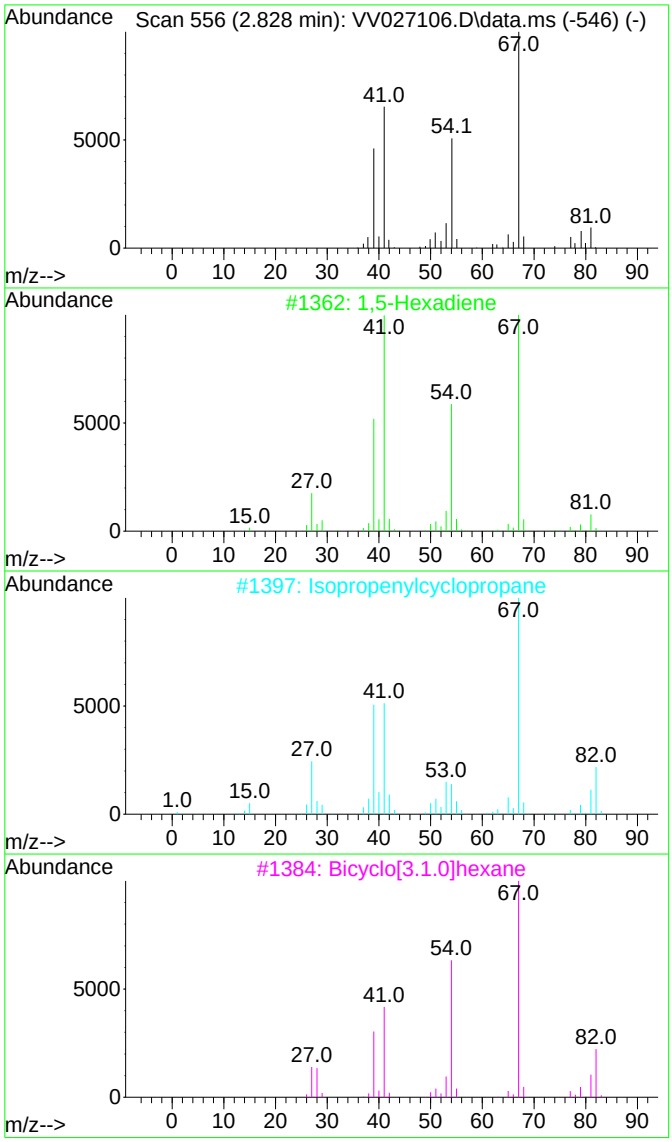
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

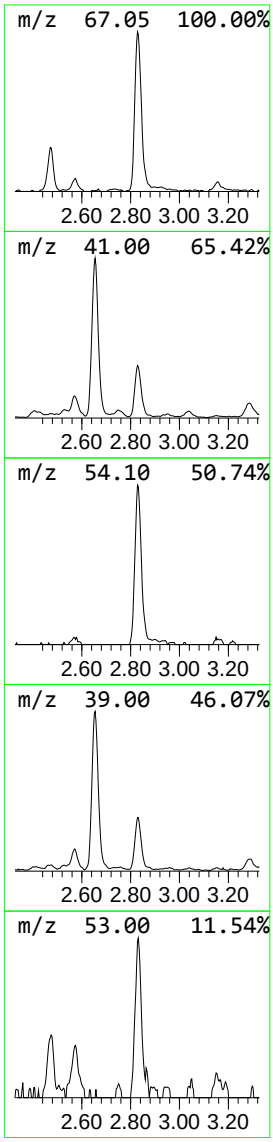
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,5-Hexadiene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.828	4.87 ug/L	122920	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Hexadiene	82	C6H10	000592-42-7	59
2	Isopropenylcyclopropane	82	C6H10	004663-22-3	59
3	Bicyclo[3.1.0]hexane	82	C6H10	000285-58-5	59
4	1,5-Hexadiene	82	C6H10	000592-42-7	53
5	Bicyclo[3.1.0]hexane	82	C6H10	000285-58-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

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

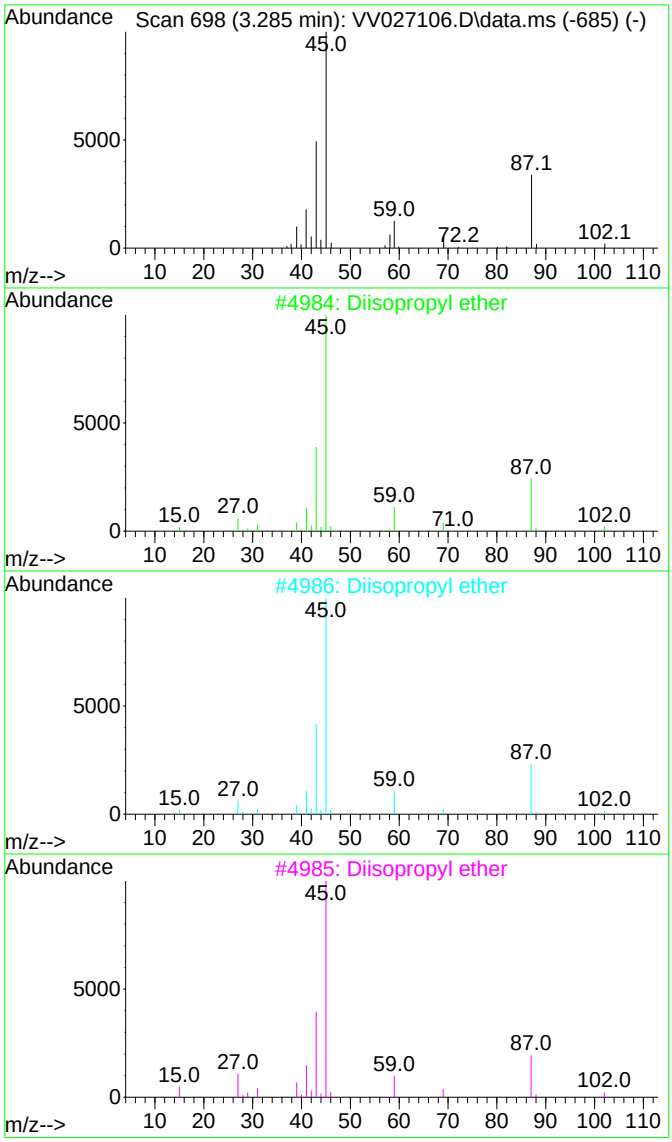
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

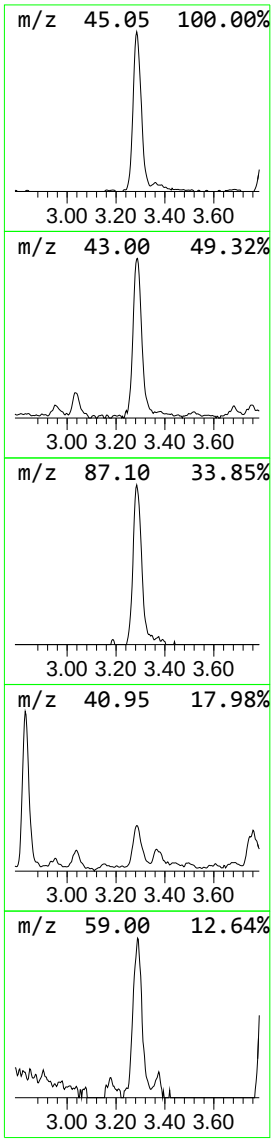
****

Peak Number 7 Diisopropyl ether Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.285	4.27 ug/L	107870	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	91
2	Diisopropyl ether	102	C6H14O	000108-20-3	91
3	Diisopropyl ether	102	C6H14O	000108-20-3	80
4	Diisopropyl ether	102	C6H14O	000108-20-3	78
5	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	64





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Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

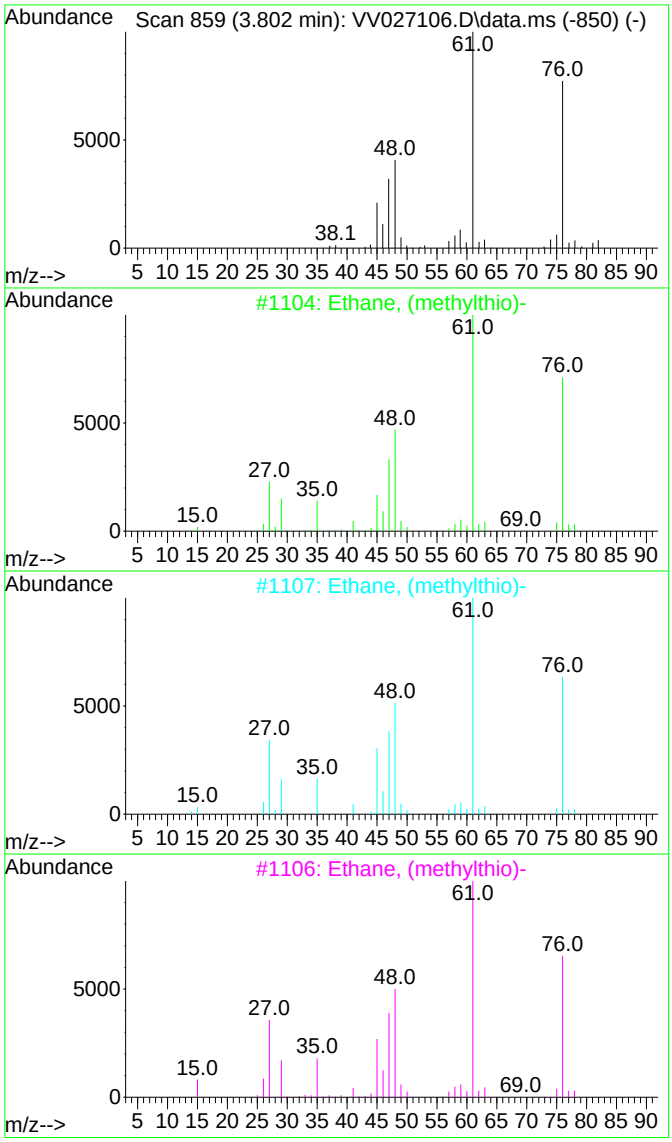
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

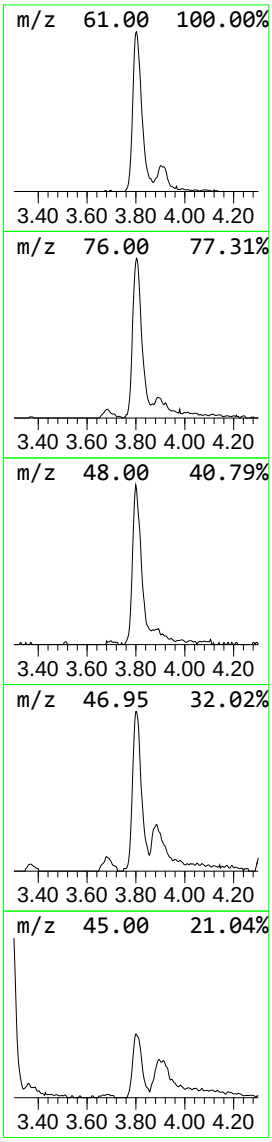
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Ethane, (methylthio)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.802	6.57 ug/L	165920	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, (methylthio)-	76	C3H8S	000624-89-5	95
2	Ethane, (methylthio)-	76	C3H8S	000624-89-5	94
3	Ethane, (methylthio)-	76	C3H8S	000624-89-5	91
4	Ethane, (methylthio)-	76	C3H8S	000624-89-5	91
5	Trimethylphosphine	76	C3H9P	000594-09-2	50





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Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

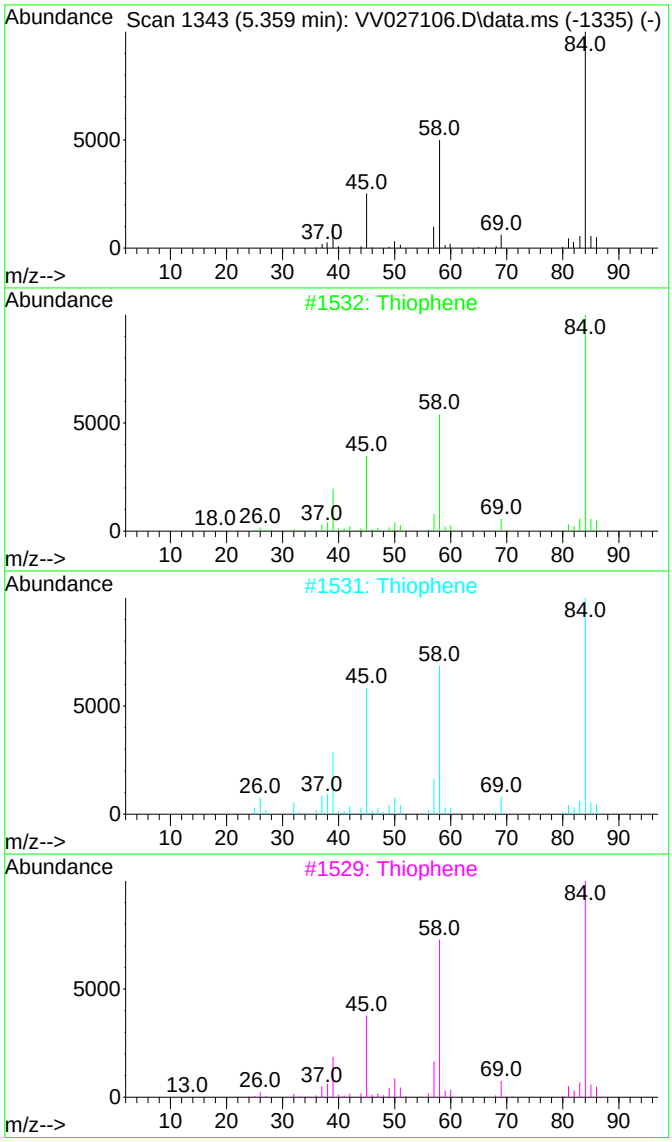
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

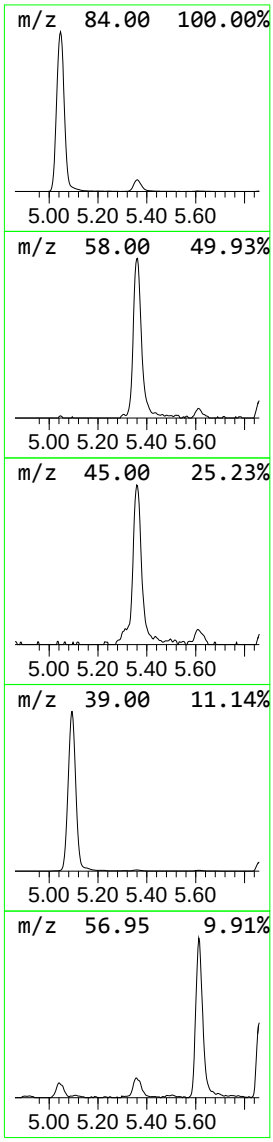
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Thiophene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.359	6.43 ug/L	162438	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene	84	C4H4S	000110-02-1	90
2	Thiophene	84	C4H4S	000110-02-1	90
3	Thiophene	84	C4H4S	000110-02-1	83
4	Thiophene	84	C4H4S	000110-02-1	72
5	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	37





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Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

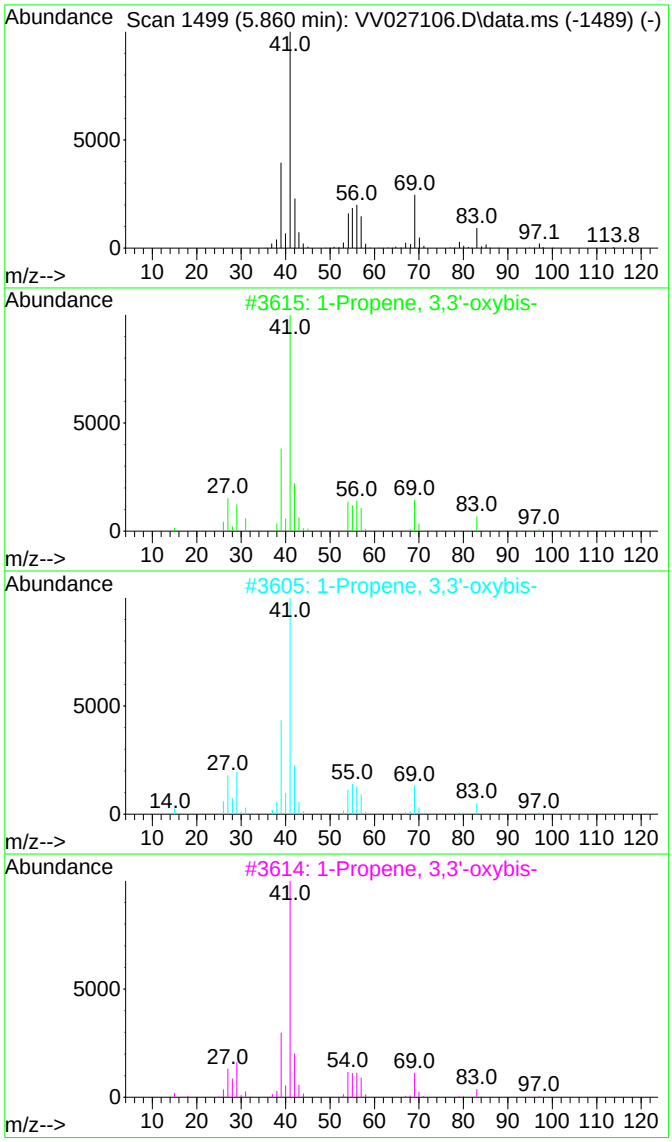
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

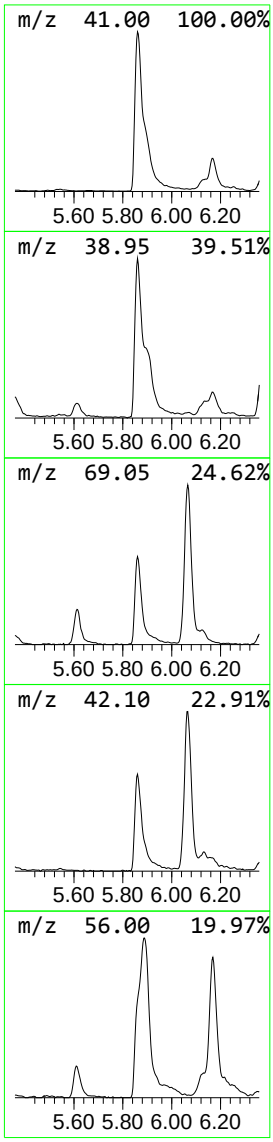
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.860	16.87 ug/L	425994	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	83
2	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	72
3	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	50
4	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	38
5	Cyclopropylamine, N-isobutylidene-	111	C7H13N	1000164-79-7	33





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Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

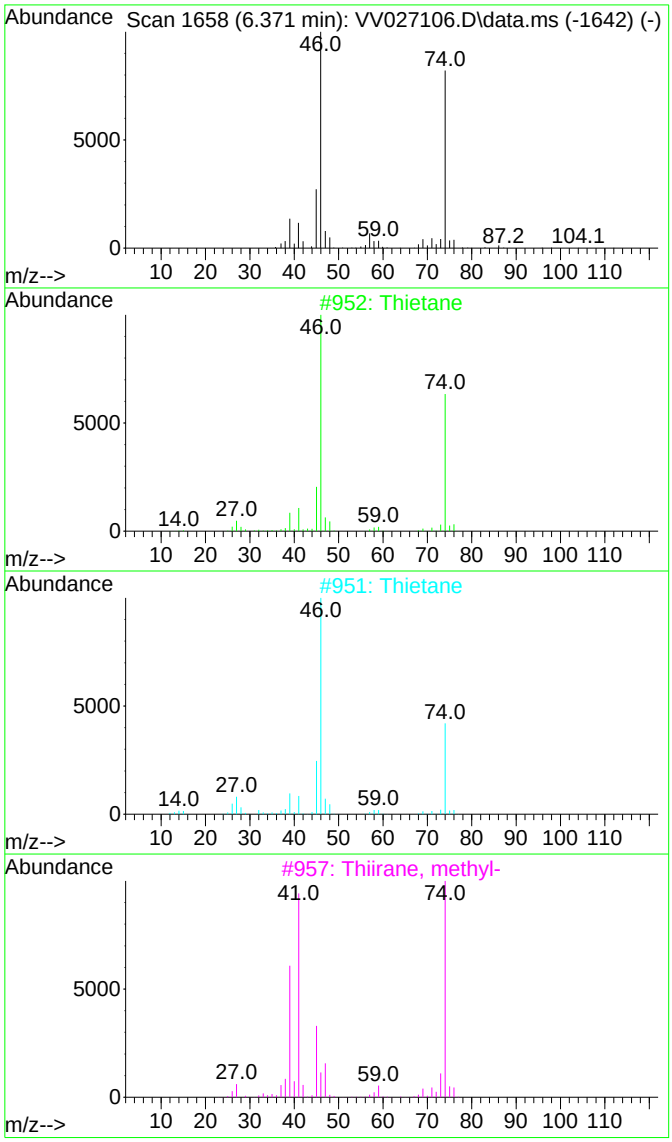
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

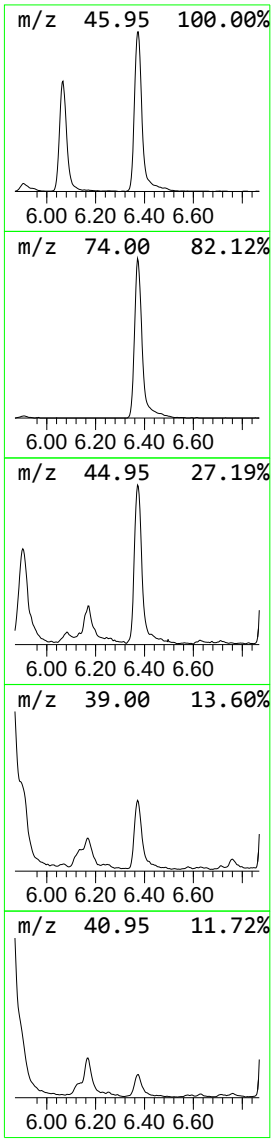
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Thietane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.371	20.73 ug/L	523635	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	25
5	Methyl 2-butoxyacetate	146	C7H14O3	1000366-88-4	23





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Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

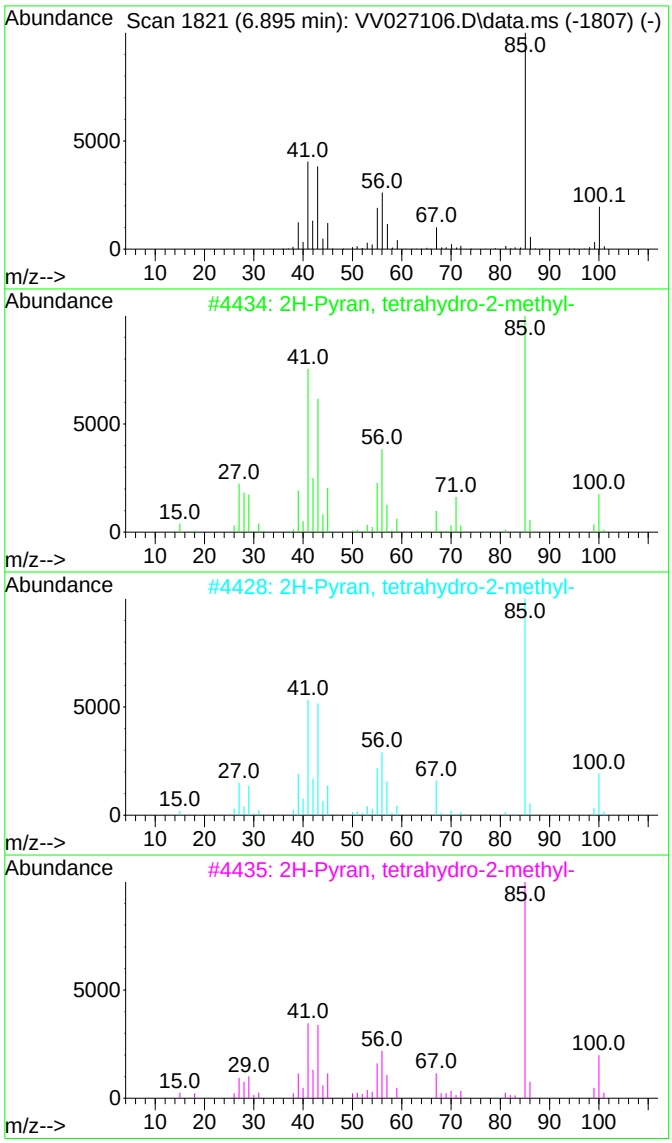
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

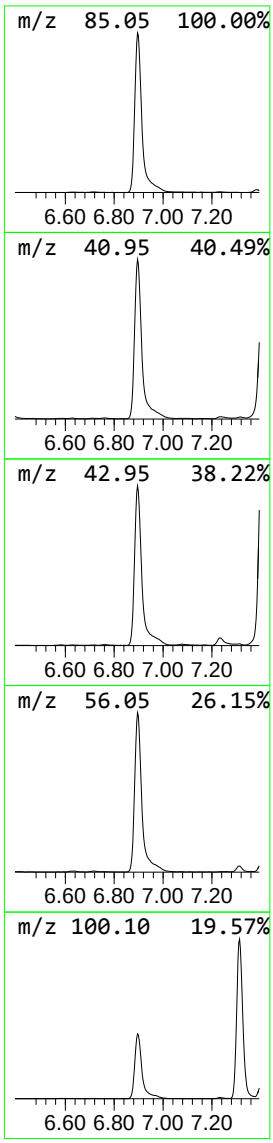
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.895	159.69 ug/L	4033290	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





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Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

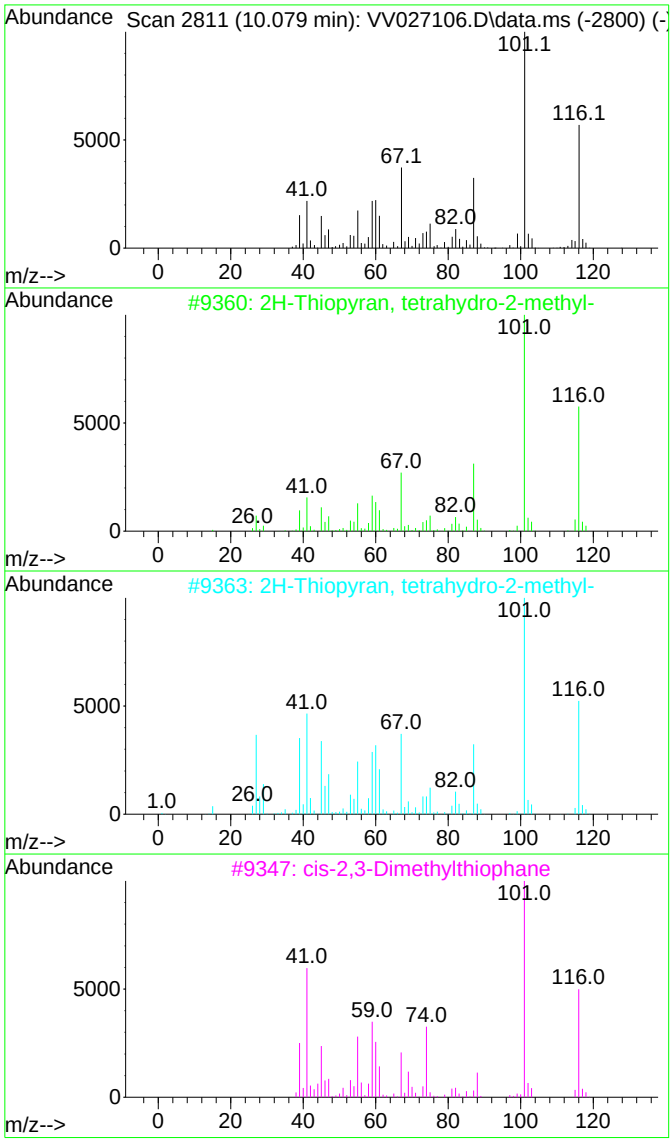
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

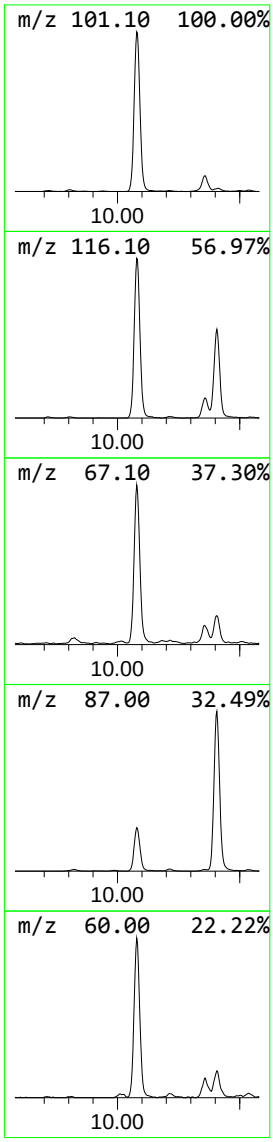
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2H-Thiopyran, tetrahydro-2-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.079	28.53 ug/L	1089100	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	96
2	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	94
3	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	83
4	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	81
5	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

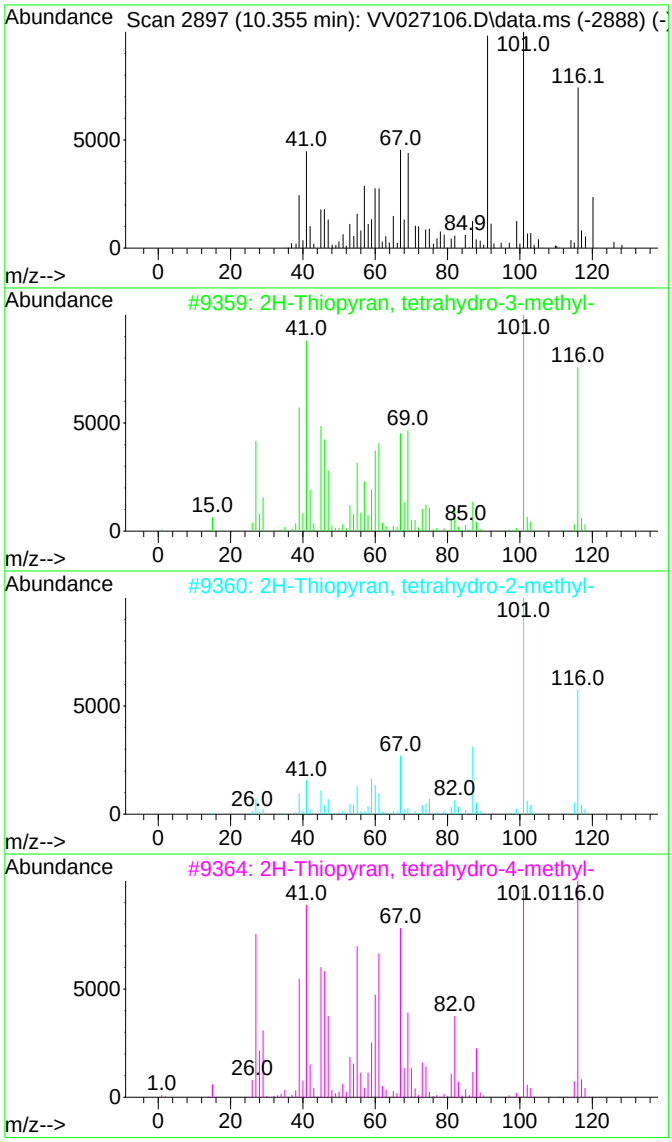
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

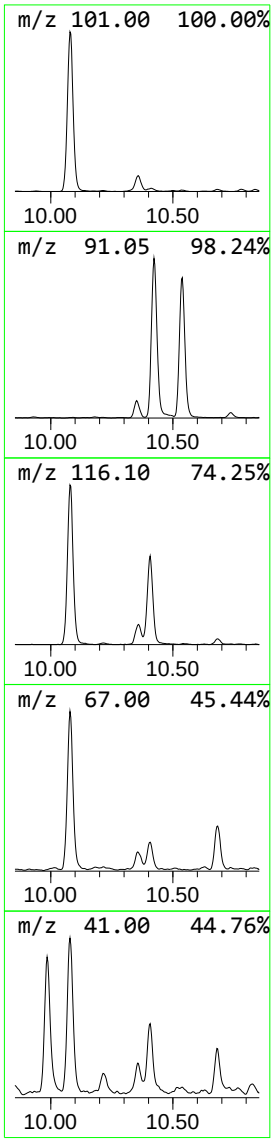
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 2H-Thiopyran, tetrahydro-3-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.355	4.10 ug/L	156459	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Thiopyran, tetrahydro-3-methyl-	116	C6H12S	005258-50-4	90
2	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	83
3	2H-Thiopyran, tetrahydro-4-methyl-	116	C6H12S	005161-17-1	76
4	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	59
5	2H-Thiopyran, tetrahydro-4-methyl-	116	C6H12S	005161-17-1	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
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Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

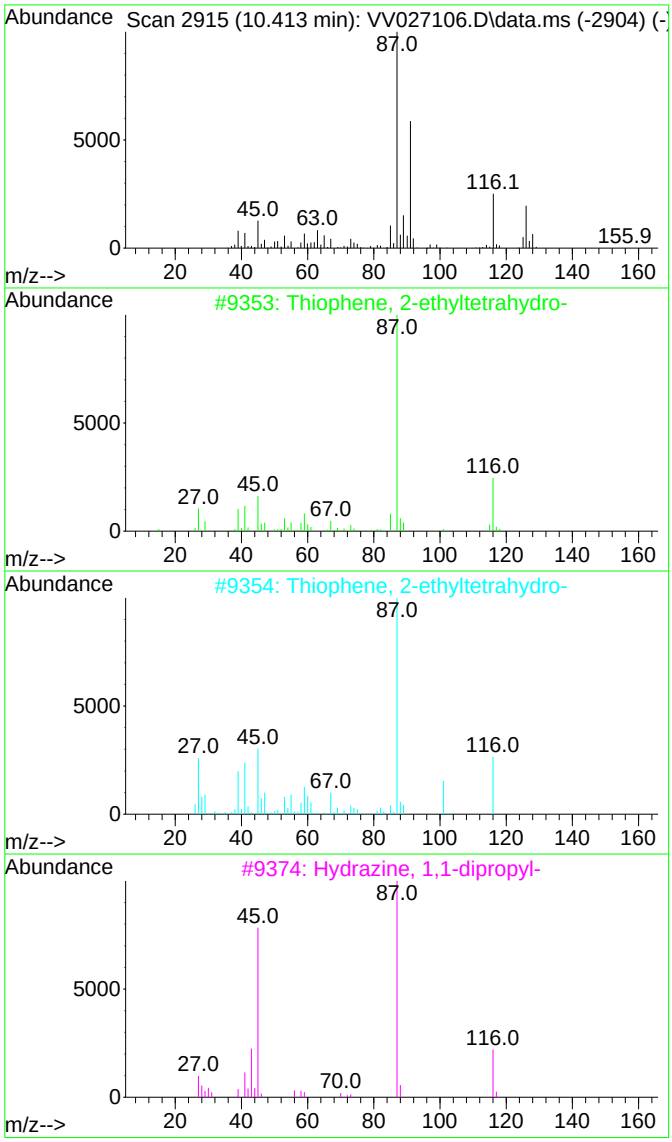
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

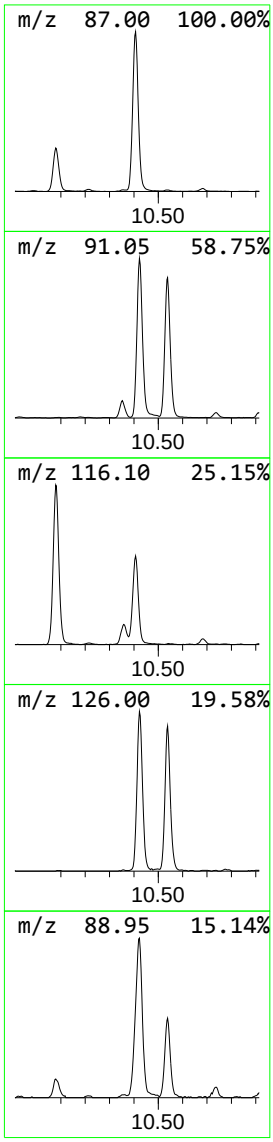
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Thiophene, 2-ethyltetrahydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.413	26.37 ug/L	1006790	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	70
2	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	50
3	Hydrazine, 1,1-dipropyl-	116	C6H16N2	004986-50-9	49
4	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	38
5	Methyl 3-cyclopropylpropanoate	128	C7H12O2	062021-34-5	38





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Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

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

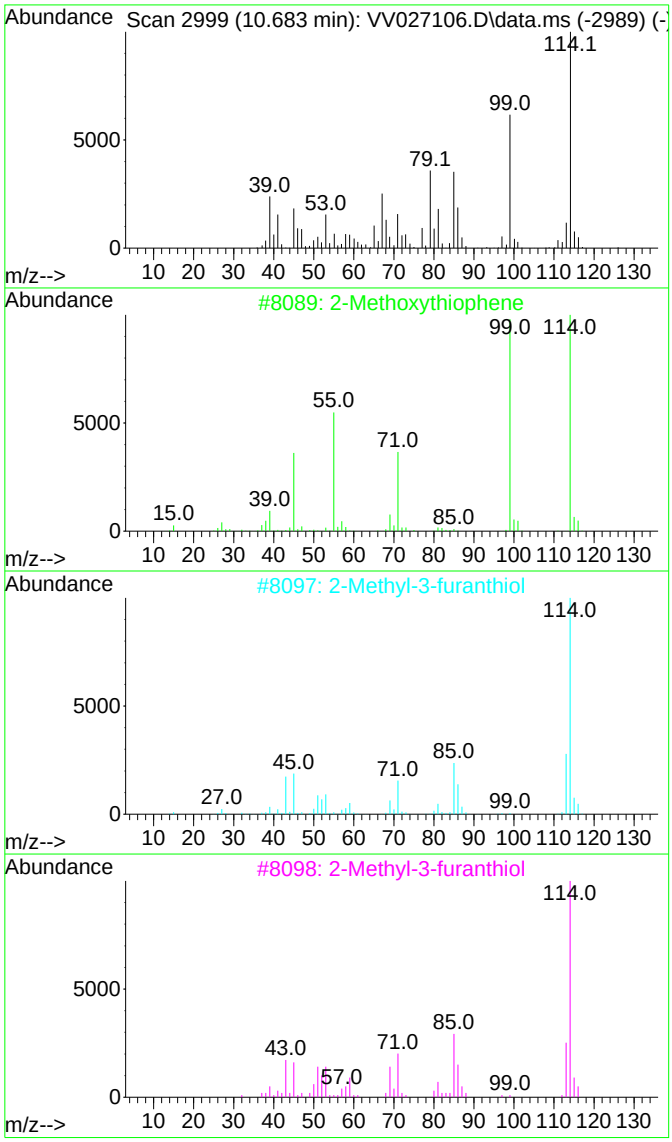
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

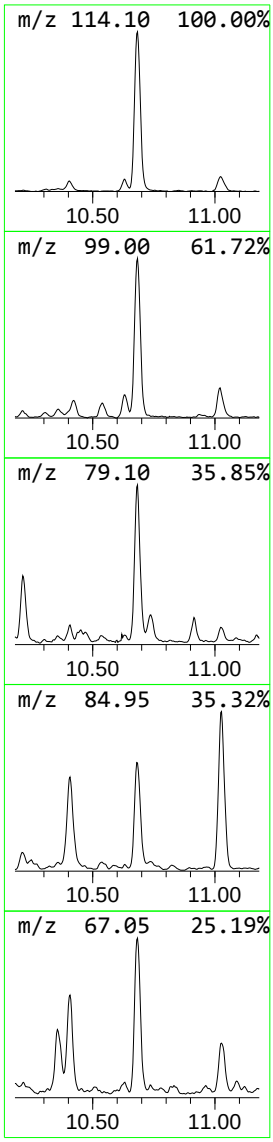
****

Peak Number 18 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.683	12.82 ug/L	489501	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxythiophene	114	C5H6OS	016839-97-7	46
2	2-Methyl-3-furanthiol	114	C5H6OS	028588-74-1	45
3	2-Methyl-3-furanthiol	114	C5H6OS	028588-74-1	38
4	2-Thiazolamine, 4-methyl-	114	C4H6N2S	001603-91-4	38
5	Butanal, ethylhydrazone	114	C6H14N2	051576-30-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
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Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

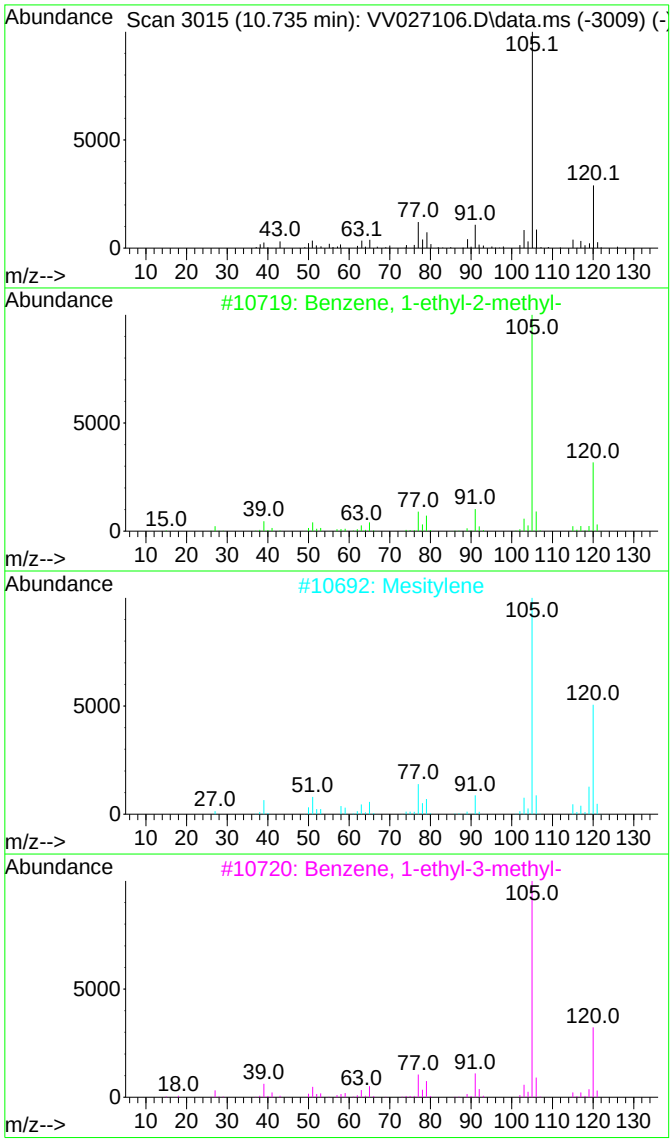
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

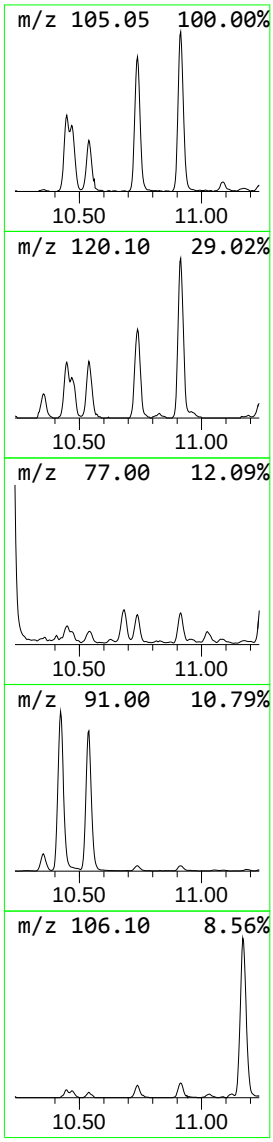
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-ethyl-2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.735	4.24 ug/L	161958	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
2	Mesitylene	120	C9H12	000108-67-8	90
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

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

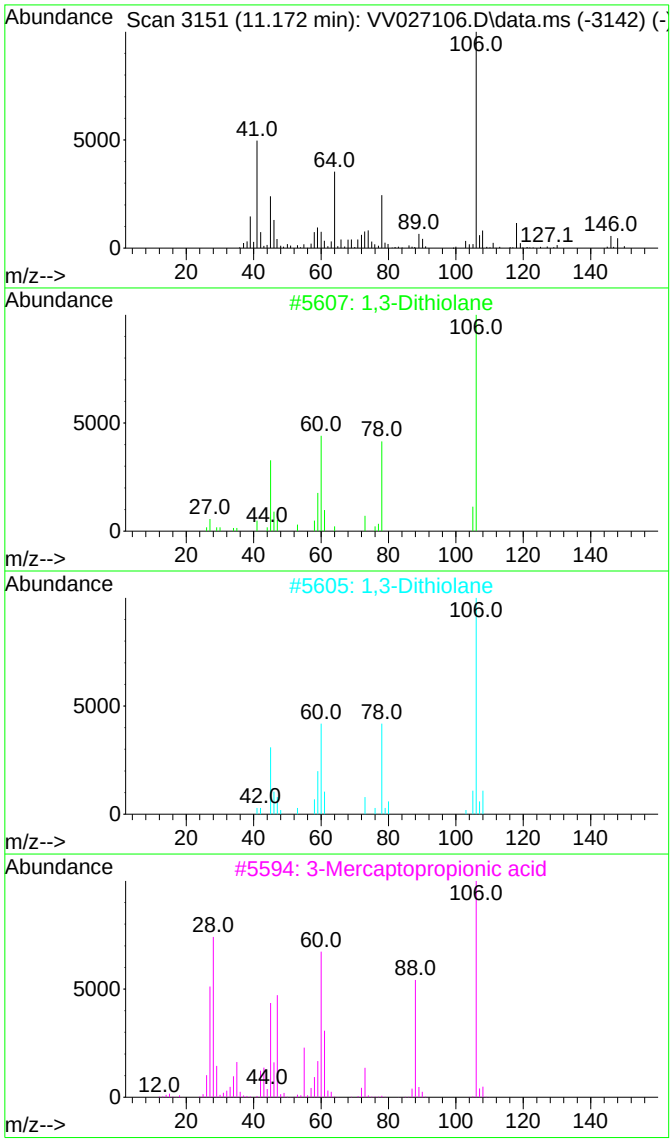
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

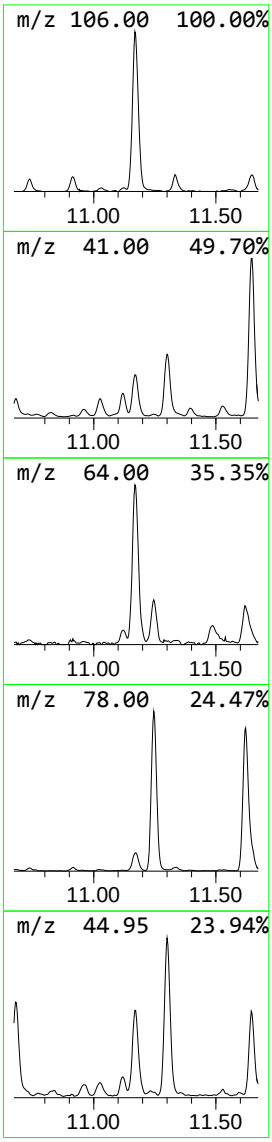
****

Peak Number 21 1,3-Dithiolane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.172	7.26 ug/L	277092	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dithiolane	106	C3H6S2	004829-04-3	53
2	1,3-Dithiolane	106	C3H6S2	004829-04-3	50
3	3-Mercaptopropionic acid	106	C3H6O2S	000107-96-0	43
4	2-Pyrazolin-5-ol, 3-(trifluorome...	380	C16H11F3N4O4	331865-32-8	43
5	Nicotinic acid, cyclobutyl ester	177	C10H11NO2	1000299-97-1	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

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

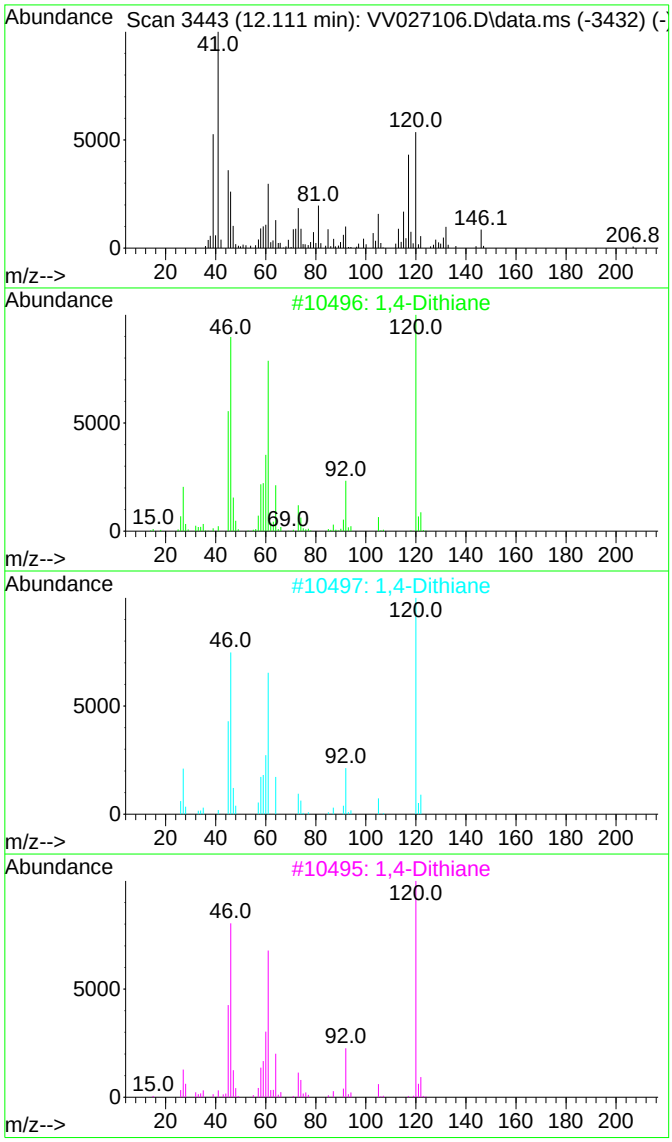
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

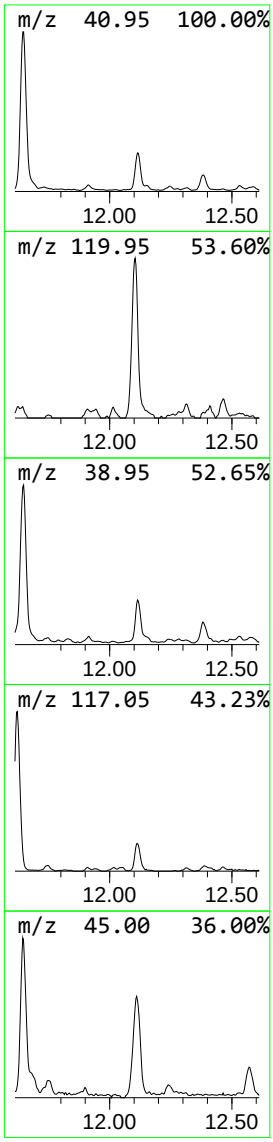
****

Peak Number 24 1,4-Dithiane Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.111	5.04 ug/L	192408	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dithiane	120	C4H8S2	000505-29-3	52
2	1,4-Dithiane	120	C4H8S2	000505-29-3	50
3	1,4-Dithiane	120	C4H8S2	000505-29-3	50
4	1,4-Dithiane	120	C4H8S2	000505-29-3	38
5	Disulfide, methyl 2-propenyl	120	C4H8S2	002179-58-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

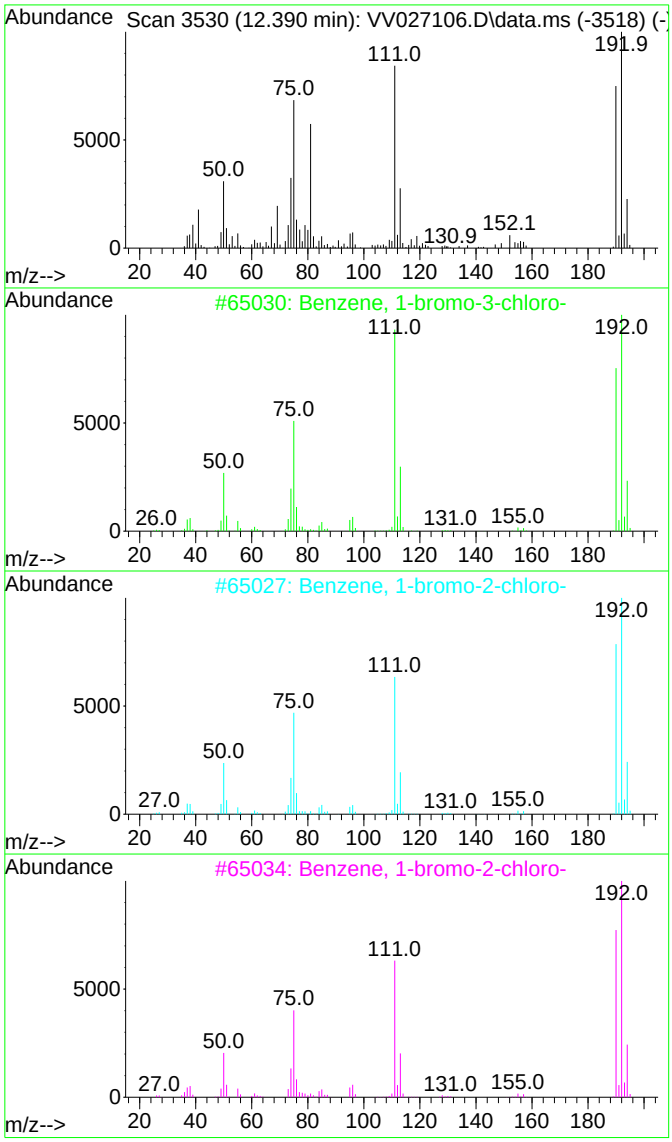
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

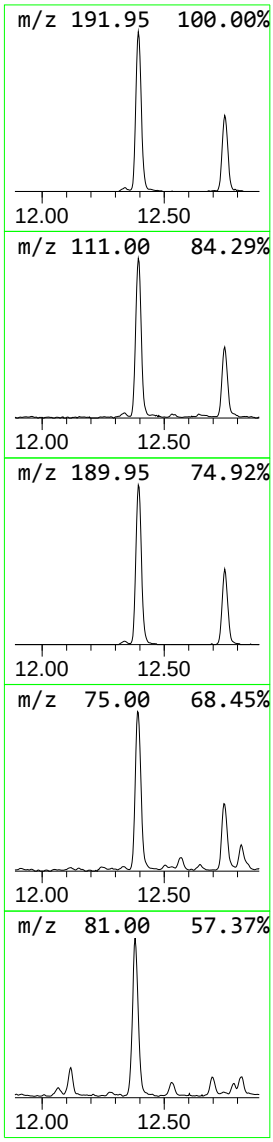
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1-bromo-3-chloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.390	12.50 ug/L	477268	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	97
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

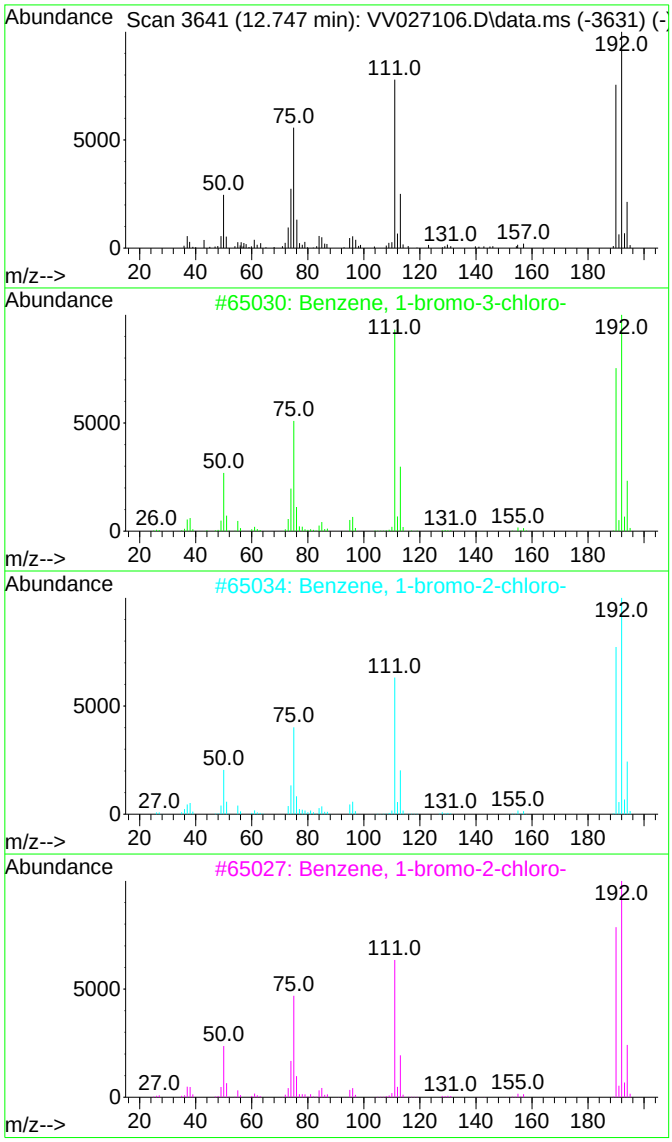
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

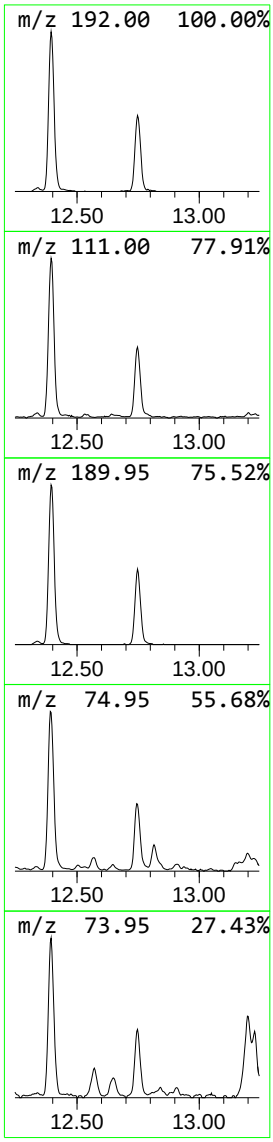
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 1-bromo-2-chloro- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.747	3.44 ug/L	131339	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

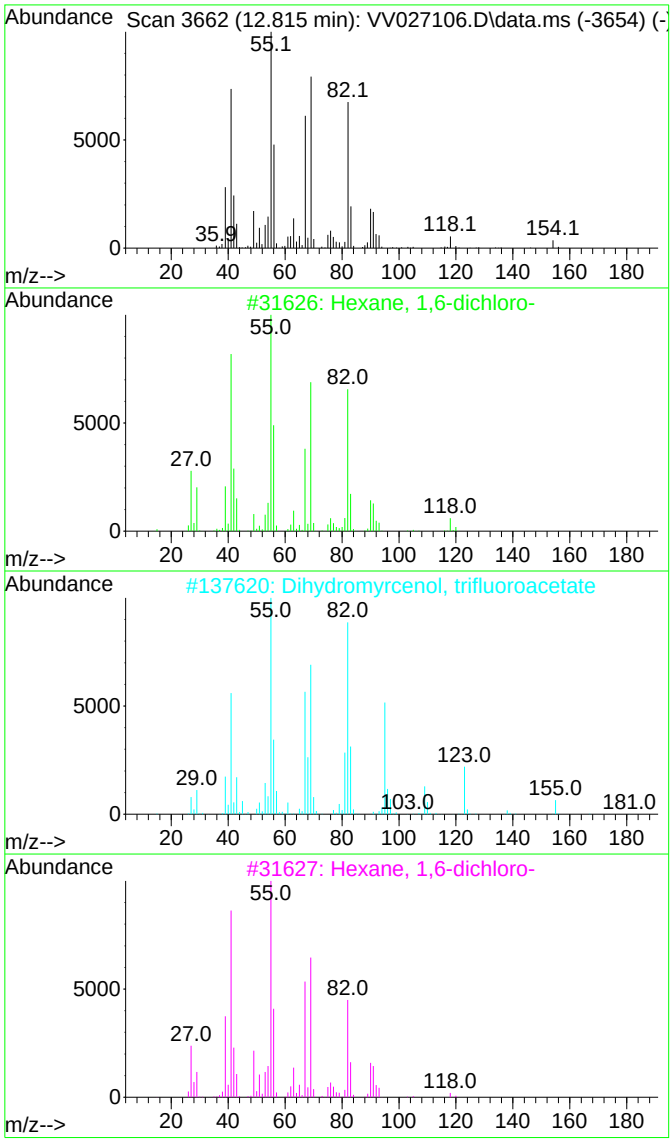
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

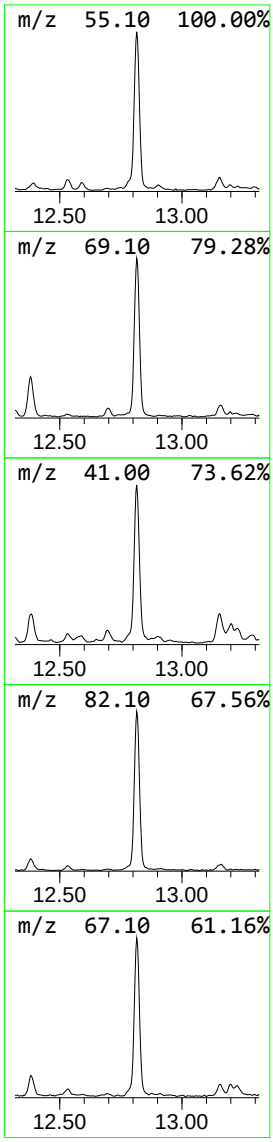
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Hexane, 1,6-dichloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.815	14.21 ug/L	542461	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	78
2	Dihydromyrcenol, trifluoroacetate	252	C12H19F3O2	1000463-72-2	56
3	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	52
4	1-Hexene, 6-chloro-	118	C6H11Cl	000928-89-2	46
5	Glutaric acid, monochloride, tra...	232	C11H17ClO3	1000359-93-9	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

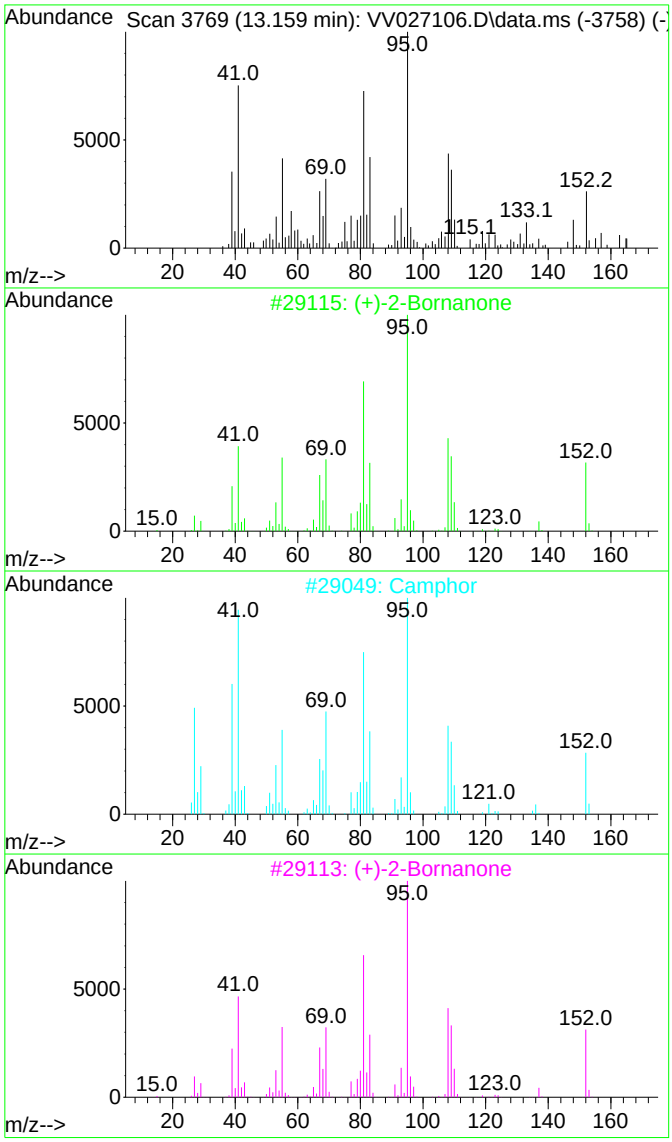
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

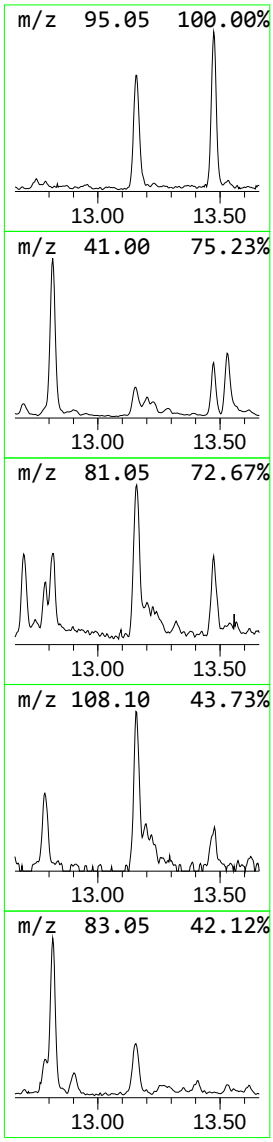
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (+)-2-Bornanone Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.159	4.01 ug/L	152977	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	95
2	Camphor	152	C10H16O	000076-22-2	95
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	94
4	Camphor	152	C10H16O	000076-22-2	93
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

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

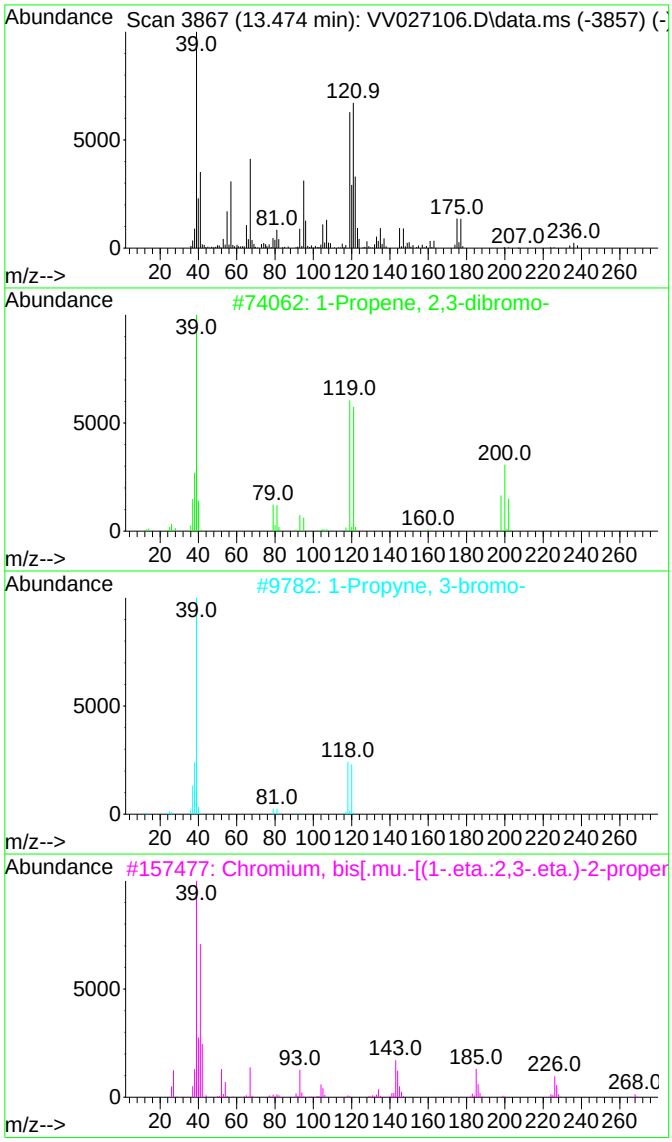
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

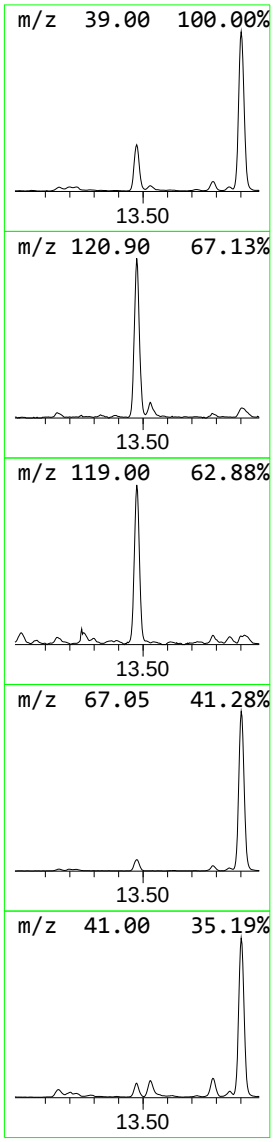
****

Peak Number 30 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.474	11.44 ug/L	436874	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2,3-dibromo-	198	C3H4Br2	000513-31-5	42
2	1-Propyne, 3-bromo-	118	C3H3Br	000106-96-7	33
3	Chromium, bis[.mu.-[(1-.eta.:2,3...	268	C12H20Cr2	012295-17-9	33
4	Oxirane, ethenyl-	70	C4H6O	000930-22-3	28
5	Methylphenylsilane	122	C7H10Si	000766-08-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

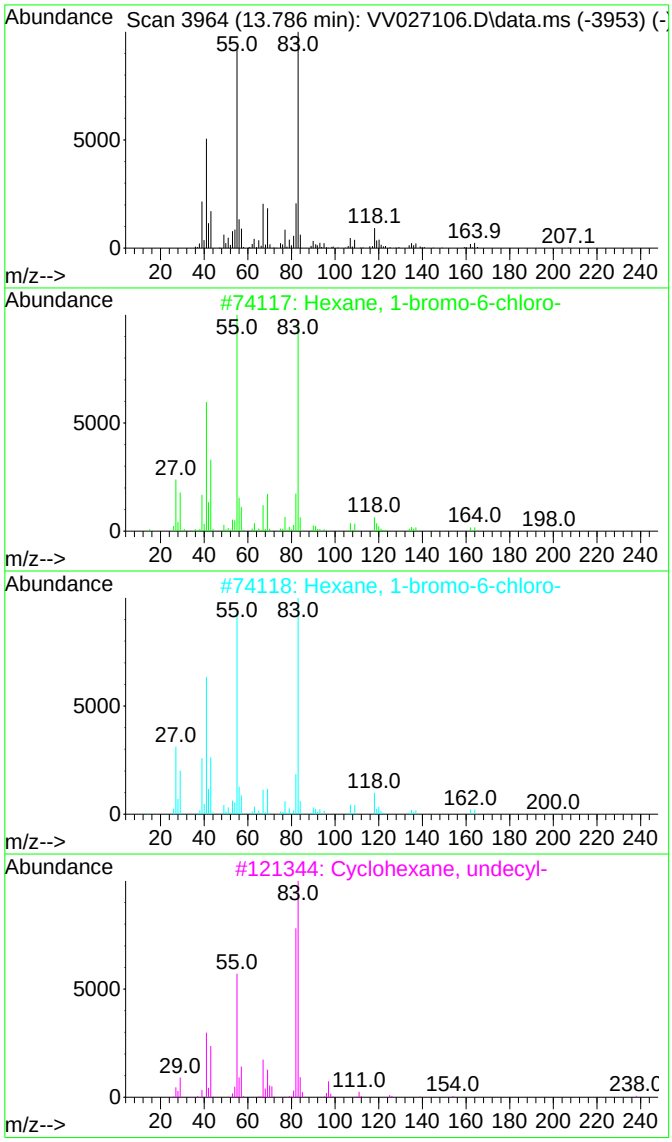
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

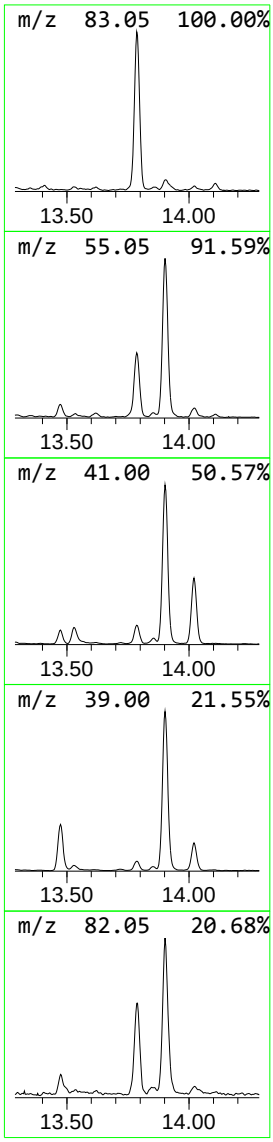
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Hexane, 1-bromo-6-chloro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	7.11 ug/L	271274	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	86
2	Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	80
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	50
4	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	50
5	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

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

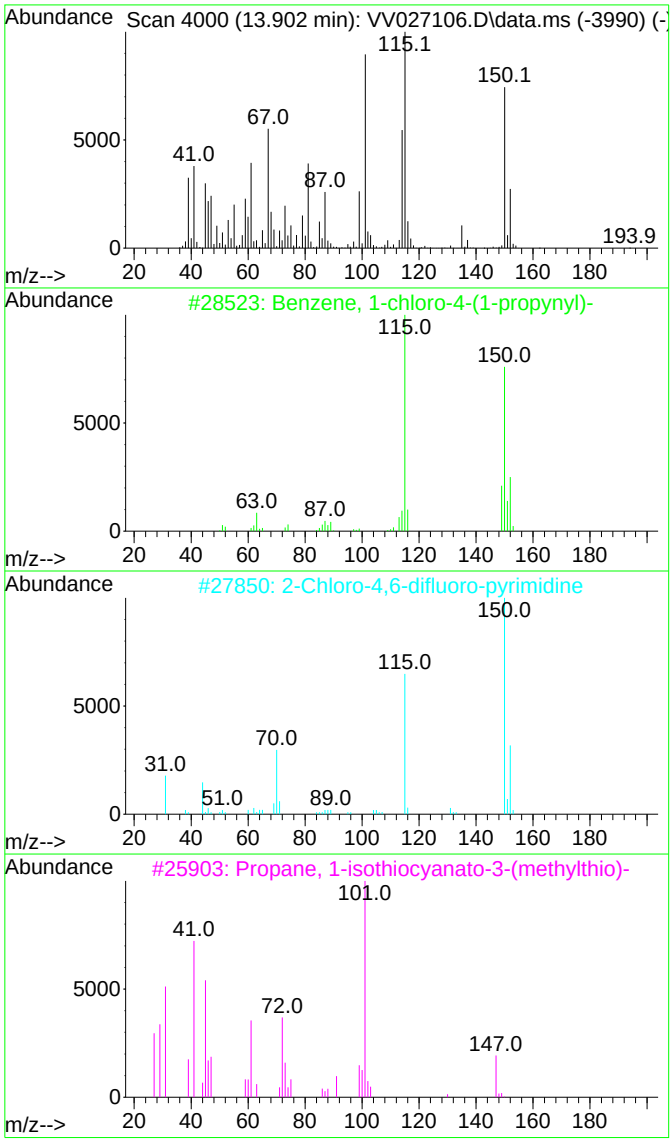
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

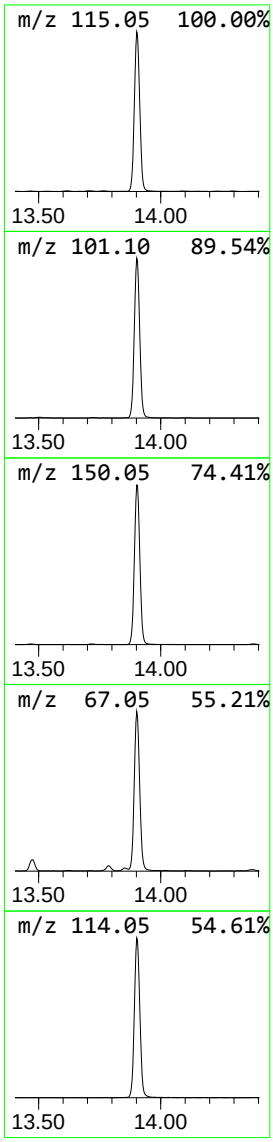
****

Peak Number 33 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.902	158.97 ug/L	6069090	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	27
3	Propane, 1-isothiocyanato-3-(met...	147	C5H9NS2	000505-79-3	22
4	Allyloxy-butyldimethylsilane	172	C9H20OSi	053379-15-0	22
5	2-Benzothiazolamine	150	C7H6N2S	000136-95-8	11





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

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

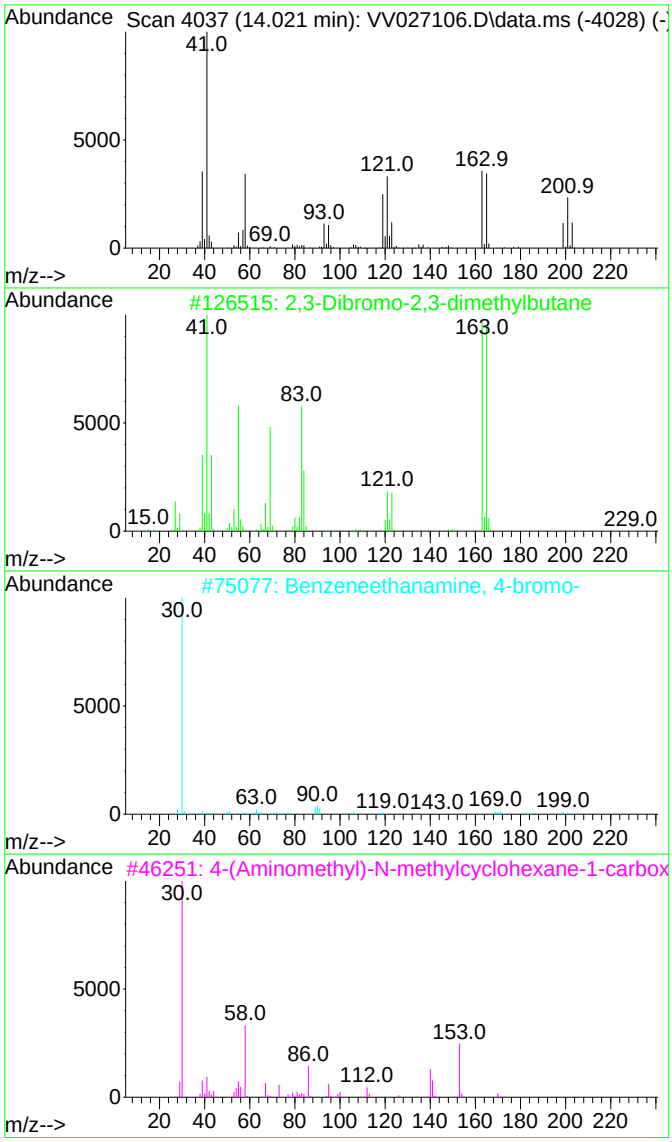
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

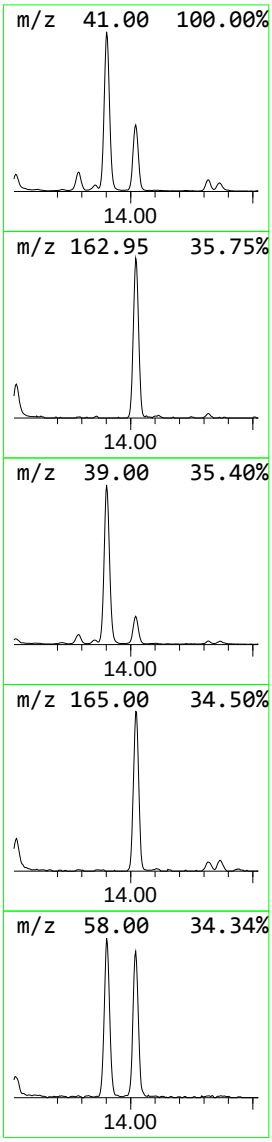
****

Peak Number 34 unknown-04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.021	11.36 ug/L	433632	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dibromo-2,3-dimethylbutane	242	C6H12Br2	000594-81-0	9
2	Benzeneethanamine, 4-bromo-	199	C8H10BrN	073918-56-6	2
3	4-(Aminomethyl)-N-methylcyclohex...	170	C9H18N2O	1000459-82-8	2
4	Benzeneethanamine	121	C8H11N	000064-04-0	1
5	9-Azabicyclo[6.1.0]nonan-9-amine...	140	C8H16N2	066387-77-7	1





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

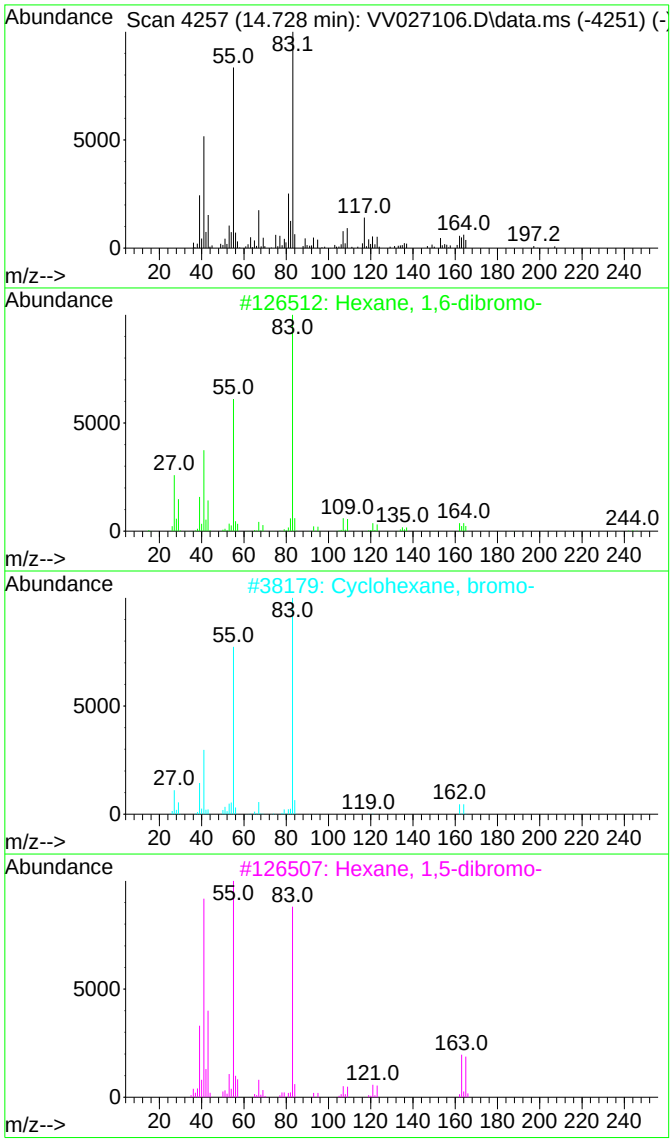
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis

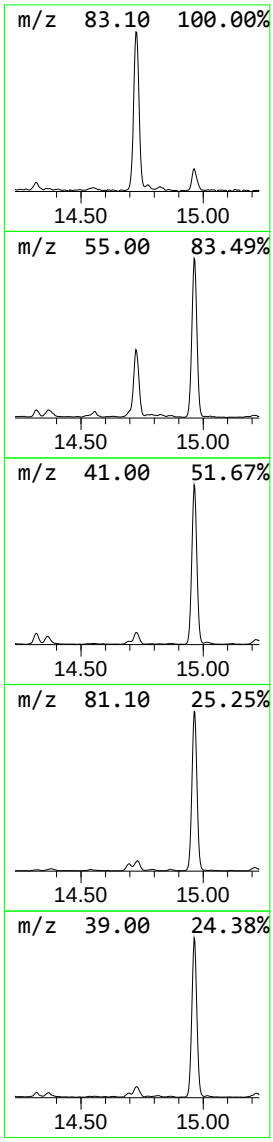
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Hexane, 1,6-dibromo- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.728	4.23 ug/L	161592	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	80
2	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	64
3	Hexane, 1,5-dibromo-	242	C6H12Br2	000627-96-3	64
4	But-3-enyl (E)-2-methylbut-2-enoate	154	C9H14O2	1000373-72-1	59
5	(1,2-Dichlorotrifluoroethyl)cycl...	234	C8H11Cl2F3	219904-98-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

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

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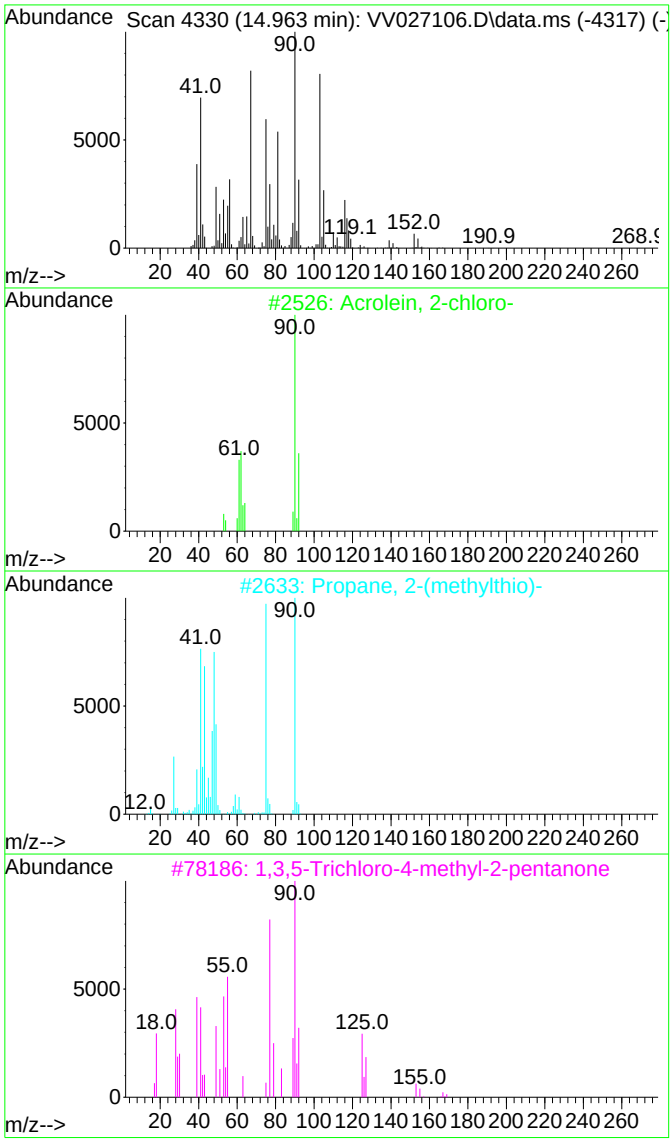
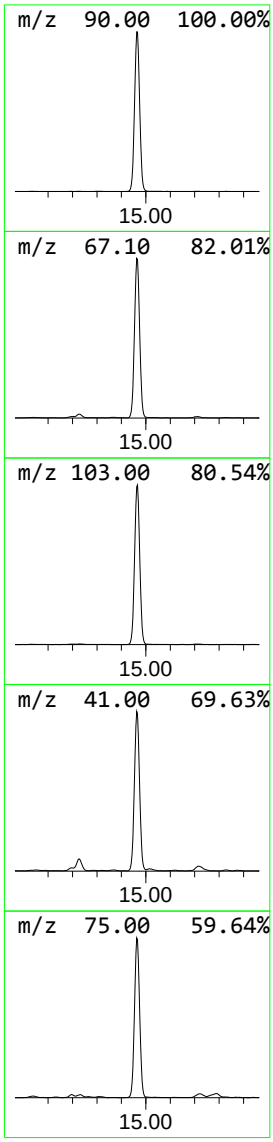
Peak Number 37 unknown-05 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.963	79.18 ug/L	3023070	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	37
2	Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	37
3	1,3,5-Trichloro-4-methyl-2-penta...	202	C6H9Cl3O	1000140-03-8	25
4	3-Thietanol	90	C3H6OS	010304-16-2	25
5	Borane, chloro(dimethylamino)ethyl-	119	C4H11BClN	001739-26-0	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

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

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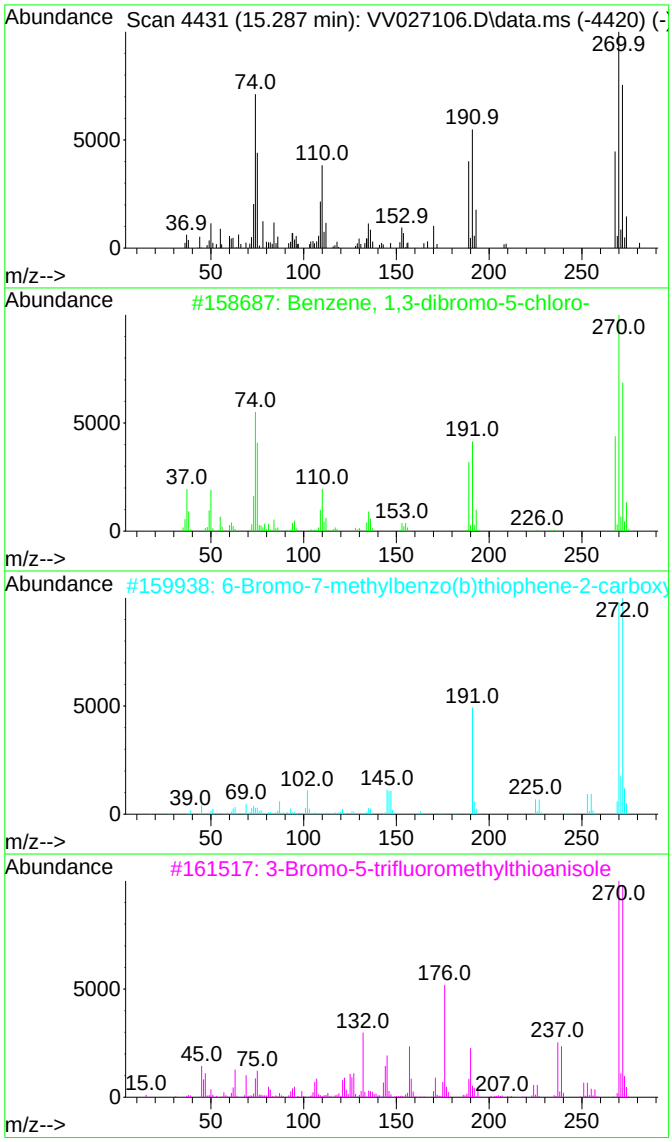
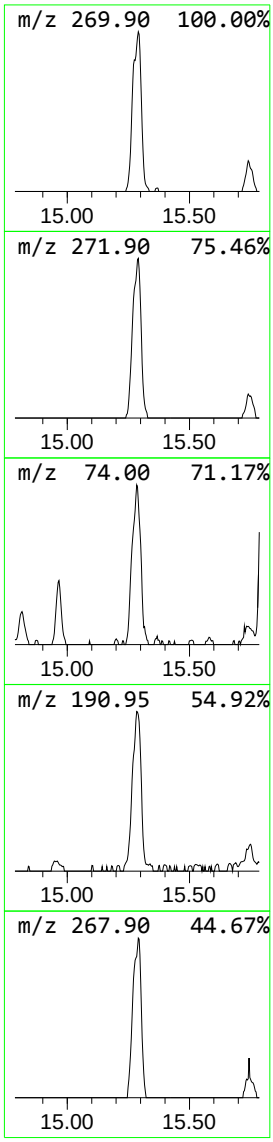
Peak Number 38 Benzene, 1,3-dibromo-5-chloro- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.287	3.45 ug/L	131698	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dibromo-5-chloro-	268	C6H3Br2Cl	014862-52-3	93
2	6-Bromo-7-methylbenzo(b)thiophen...	270	C10H7BrO2S	001678-69-9	32
3	3-Bromo-5-trifluoromethylthioani...	270	C8H6BrF3S	1072944-92-3	27
4	2,6-Dibromo-4-fluorophenol	268	C6H3Br2FO	000344-20-7	27
5	4-Bromo-7-methylbenzo(b)thiophen...	270	C10H7BrO2S	001467-90-9	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

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

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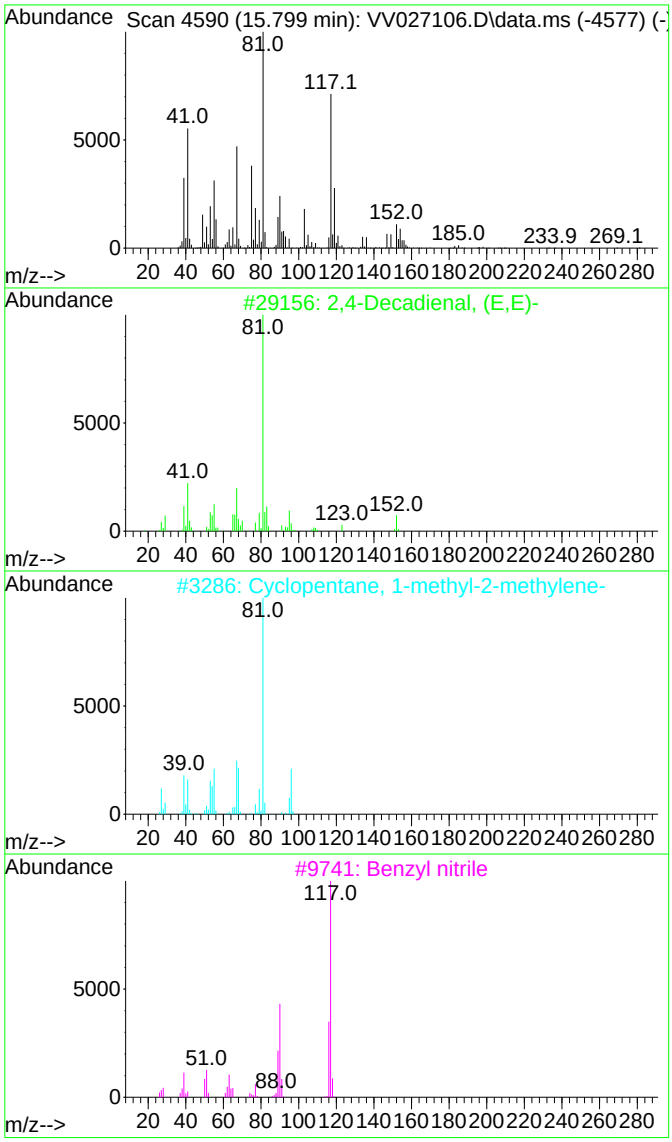
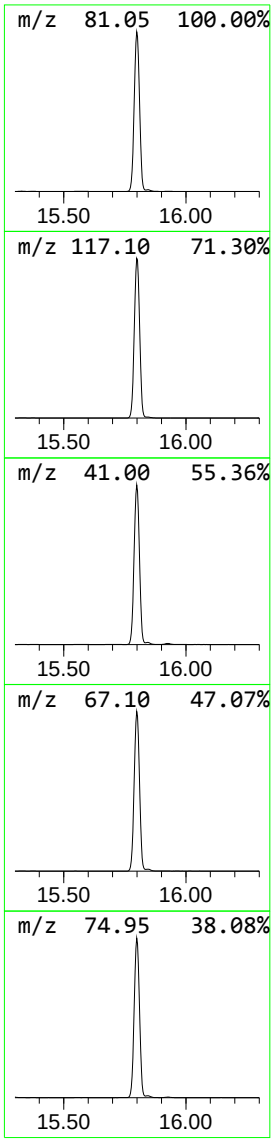
Peak Number 39 unknown-06 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.799	421.13 ug/L	16077700	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	35
2	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	27
3	Benzyl nitrile	117	C8H7N	000140-29-4	25
4	Benzyl nitrile	117	C8H7N	000140-29-4	25
5	Indole	117	C8H7N	000120-72-9	15





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

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

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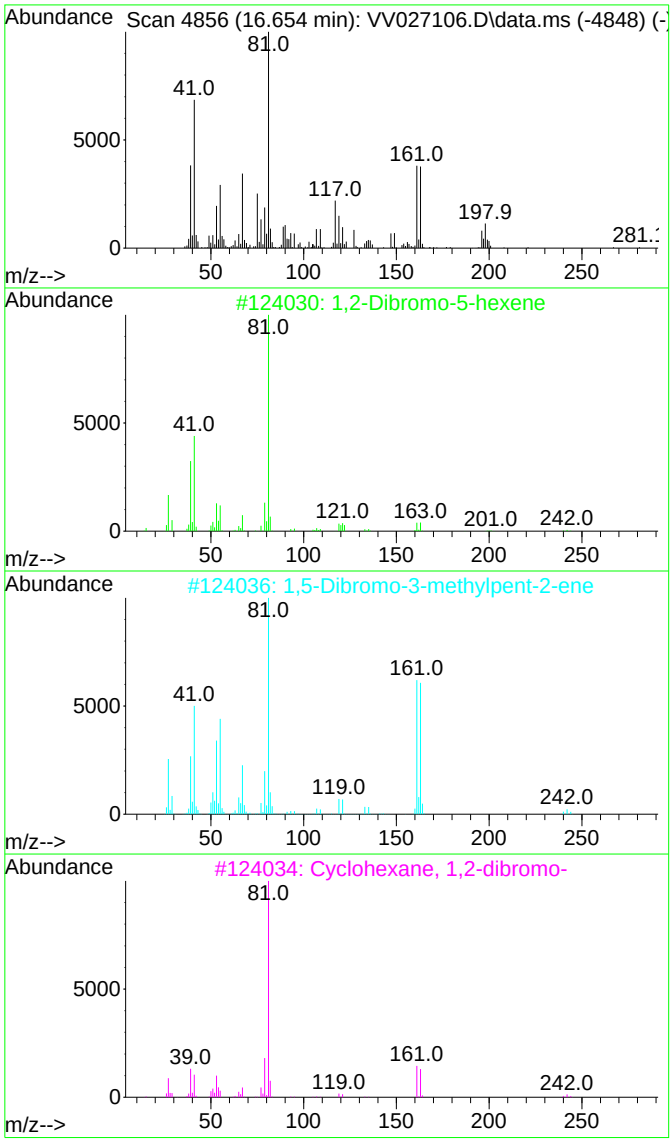
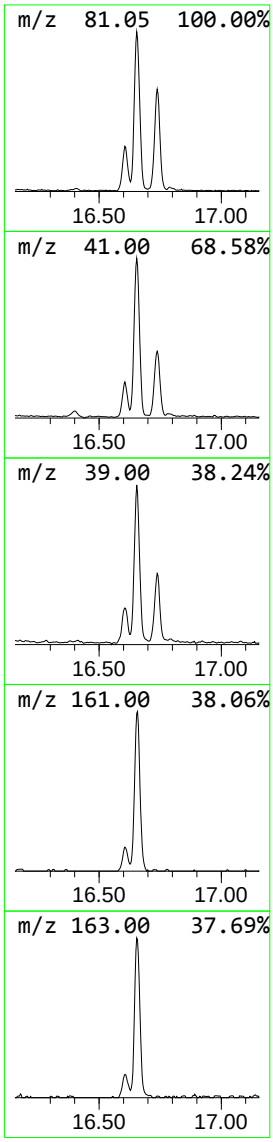
Peak Number 41 1,2-Dibromo-5-hexene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.654	10.58 ug/L	404019	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dibromo-5-hexene	240	C6H10Br2	004285-48-7	53
2	1,5-Dibromo-3-methylpent-2-ene	240	C6H10Br2	133545-67-2	42
3	Cyclohexane, 1,2-dibromo-	240	C6H10Br2	005401-62-7	40
4	Cyclohexane, 1-bromo-2-chloro-, ...	196	C6H10BrCl	051422-75-4	35
5	Cyclohexane, 1,4-dibromo-	240	C6H10Br2	035076-92-7	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

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

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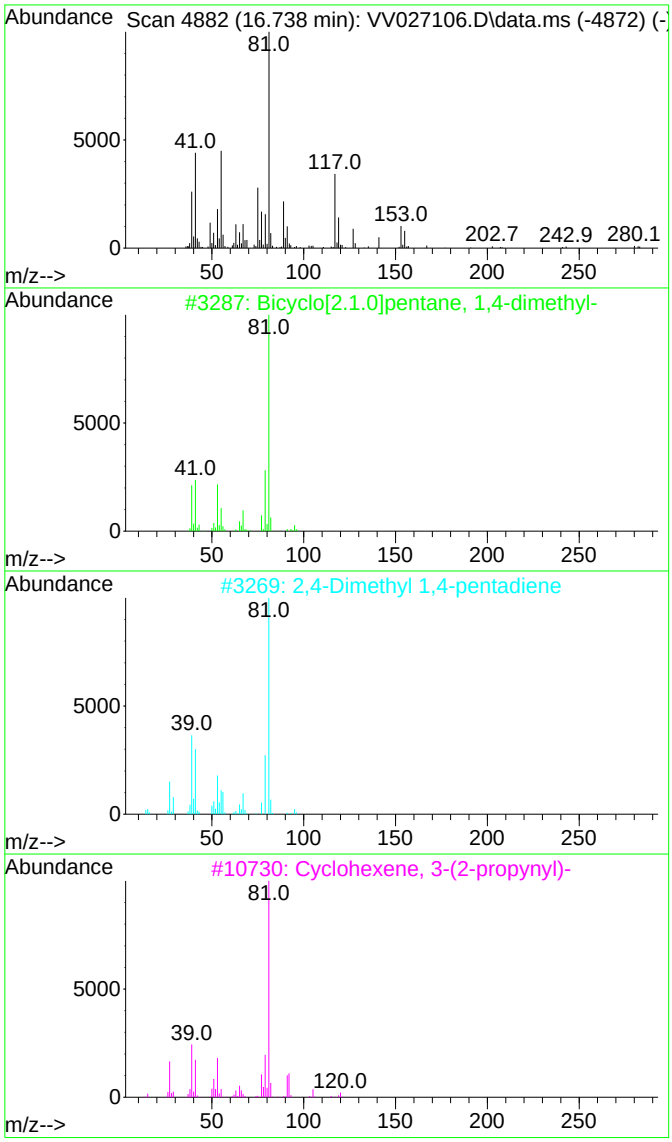
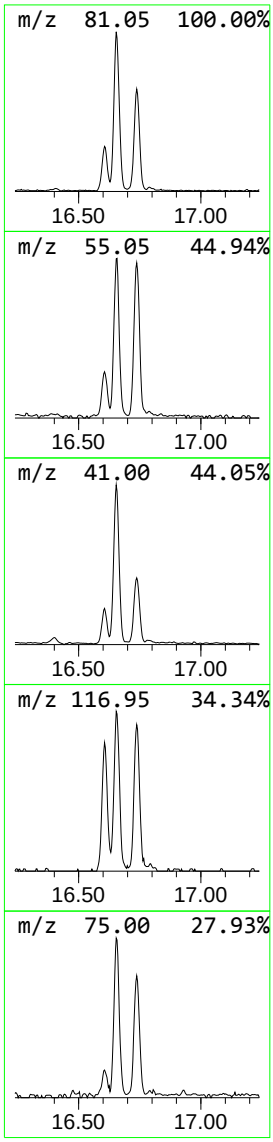
Peak Number 42 unknown-07 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.738	5.06 ug/L	193207	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.1.0]pentane, 1,4-dimet...	96	C7H12	017065-18-8	27
2	2,4-Dimethyl 1,4-pentadiene	96	C7H12	004161-65-3	27
3	Cyclohexene, 3-(2-propynyl)-	120	C9H12	055956-43-9	27
4	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	27
5	1,E-4,Z-8-Dodecatriene	164	C12H20	083489-22-9	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027106.D
Acq On : 30 Jul 2022 00:41
Operator : SY/MD
Sample : N3956-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF02

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	1392.5	ug/L	35170000	1	5.613	1262880	50.0
Ethanethiol	2.024	6.0	ug/L	151529	1	5.613	1262880	50.0
(DEL) Alkane: C...	2.571	3.1	ug/L	78687	1	5.613	1262880	50.0
Isopropenyl bro...	2.654	11.3	ug/L	285611	1	5.613	1262880	50.0
1,5-Hexadiene	2.828	4.9	ug/L	122920	1	5.613	1262880	50.0
Diisopropyl ether	3.285	4.3	ug/L	107870	1	5.613	1262880	50.0
Ethane, (methyl...	3.802	6.6	ug/L	165920	1	5.613	1262880	50.0
Thiophene	5.359	6.4	ug/L	162438	1	5.613	1262880	50.0
1-Propene, 3,3'...	5.860	16.9	ug/L	425994	1	5.613	1262880	50.0
Thietane	6.371	20.7	ug/L	523635	1	5.613	1262880	50.0
2H-Pyran, tetra...	6.895	159.7	ug/L	4033290	1	5.613	1262880	50.0
2H-Thiopyran, t...	10.079	28.5	ug/L	1089100	3	11.246	1908900	50.0
2H-Thiopyran, t...	10.355	4.1	ug/L	156459	3	11.246	1908900	50.0
Thiophene, 2-et...	10.413	26.4	ug/L	1006790	3	11.246	1908900	50.0
unknown-01	10.683	12.8	ug/L	489501	3	11.246	1908900	50.0
Benzene, 1-ethy...	10.735	4.2	ug/L	161958	3	11.246	1908900	50.0
1,3-Dithiolane	11.172	7.3	ug/L	277092	3	11.246	1908900	50.0
1,4-Dithiane	12.111	5.0	ug/L	192408	3	11.246	1908900	50.0
Benzene, 1-brom...	12.390	12.5	ug/L	477268	3	11.246	1908900	50.0
Benzene, 1-brom...	12.747	3.4	ug/L	131339	3	11.246	1908900	50.0
Hexane, 1,6-dic...	12.815	14.2	ug/L	542461	3	11.246	1908900	50.0
(+)-2-Bornanone	13.159	4.0	ug/L	152977	3	11.246	1908900	50.0
unknown-02	13.474	11.4	ug/L	436874	3	11.246	1908900	50.0
Hexane, 1-bromo...	13.786	7.1	ug/L	271274	3	11.246	1908900	50.0
unknown-03	13.902	159.0	ug/L	6069090	3	11.246	1908900	50.0
unknown-04	14.021	11.4	ug/L	433632	3	11.246	1908900	50.0
Hexane, 1,6-dib...	14.728	4.2	ug/L	161592	3	11.246	1908900	50.0
unknown-05	14.963	79.2	ug/L	3023070	3	11.246	1908900	50.0
Benzene, 1,3-di...	15.287	3.5	ug/L	131698	3	11.246	1908900	50.0
unknown-06	15.799	421.1	ug/L	16077700	3	11.246	1908900	50.0
1,2-Dibromo-5-h...	16.654	10.6	ug/L	404019	3	11.246	1908900	50.0
unknown-07	16.738	5.1	ug/L	193207	3	11.246	1908900	50.0