LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Title : VOC Analysis

Signal : TIC: VU047951.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.597	73	80	104	rVV	59185	124322	0.08%	0.019%
2	1.871	118	165	169	rBV4	68274	289607	0.20%	0.044%
3	2.536	361	372	385	rBV	177476	303284	0.21%	0.046%
4	3.054	517	533	544	rVV	20694	45906	0.03%	0.007%
5	3.674	710	726	745	rBV2	87480	199120	0.13%	0.030%
6	4.121	821	865	903	rBV	830934	2790987	1.89%	0.423%
7	4.636	1012	1025	1069	rBV	114132	466177	0.32%	0.071%
8	5.060	1142	1157	1189	rBV	207934	541998	0.37%	0.082%
9	5.356	1241	1249	1269	rVB6	97545	233904	0.16%	0.035%
10	5.578	1310	1318	1341	rVB3	139829	330654	0.22%	0.050%
11	5.719	1345	1362	1366	rVV2	452493	1041274	0.71%	0.158%
12	5.768	1367	1377	1410	rVB	2682157	5915384	4.01%	0.896%
13	6.124	1481	1488	1513	rVB	139599	312241	0.21%	0.047%
14	6.247	1514	1526	1567	rVB	470454	1050527	0.71%	0.159%
15	6.472	1582	1596	1611	rBV	997591	2037235	1.38%	0.308%
16	6.690	1649	1664	1677	rBV	251688	532306	0.36%	0.081%
17	6.758	1678	1685	1725	rVB7	44708	150988	0.10%	0.023%
18	7.436	1877	1896	1904	rBV6	19624	41518	0.03%	0.006%
19	7.497	1904	1915	1928	rVV	123255	301883	0.20%	0.046%
20	7.568	1928	1937	1957	rVB	131923	275348	0.19%	0.042%
21	7.899	2027	2040	2051	rVV	504043	912757	0.62%	0.138%
22	7.970	2051	2062	2096	rVB2	1025327	2156401	1.46%	0.326%
23	8.185	2118	2129	2138	rBV	83036	171161	0.12%	0.026%
24	8.263	2138	2153	2175	rBV2	1298314	3095004	2.10%	0.469%
25	8.394	2187	2194	2214	rVB3	85860	197414	0.13%	0.030%
26	8.581	2232	2252	2265	rBV	1345584	2850494	1.93%	0.432%
27	8.655	2265	2275	2302	rVB	453851	931260	0.63%	0.141%
28	8.906	2334	2353	2369	rVB	13025	40146	0.03%	0.006%
29	9.182	2425	2439	2454	rBV	37401	73522	0.05%	0.011%
30	9.369	2476	2497	2507	rBV	1370158	2949255	2.00%	0.447%
31	9.452	2507	2523	2552	rVV4	4300972	10843135	7.35%	1.642%
32	9.587	2552	2565	2590	rVV	1103716	2707945	1.84%	0.410%
33	9.722	2591	2607	2630	rVB4	76660	286816	0.19%	0.043%
34	9.873	2644	2654	2660	rBV2	43811	77734	0.05%	0.012%
35	9.947	2663	2677	2699	rVB	1948328	3555643	2.41%	0.538%
36	10.108	2717	2727	2736	rBV2	39141	81433	0.06%	0.012%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Title : VOC Analysis

37	10.163	2737	2744	2766	rVV7	34077	94001	0.06%	0.014%
38	10.443	2810	2831	2840	rBV2	80007	149568	0.10%	0.023%
39	10.594	2858	2878	2887	rBV	945353	2015744	1.37%	0.305%
40	10.661	2887	2899	2920	rVV2	5032212	8593370	5.83%	1.301%
41	10.787	2920	2938	2953	rVV	8391445	14955658	10.14%	2.264%
42	10.857	2954	2960	2970	rVB2	105898	166121	0.11%	0.025%
43	10.986	2989	3000	3012	rBV7	34033	72779	0.05%	0.011%
44	11.182	3049	3061	3075	rVB	373836	634129	0.43%	0.096%
45	11.375	3115	3121	3130	rVB6	32398	51678	0.04%	0.008%
46	11.484	3143	3155	3177	rVB4	139867	279575	0.19%	0.042%
47	11.629	3190	3200	3205	rBV	27568	51999	0.04%	0.008%
48	11.719	3219	3228	3246	rBV2	121798	225737	0.15%	0.034%
49	11.815	3246	3258	3280	rBV2	1026334	2174747	1.47%	0.329%
50	11.960	3291	3303	3314	rVB5	239324	495175	0.34%	0.075%
51	12.024	3315	3323	3340	rVB5	99619	221107	0.15%	0.033%
52	12.111	3340	3350	3360	rBV6	53482	108578	0.07%	0.016%
53	12.214	3364	3382	3397	rVB3	1961791	4123432	2.80%	0.624%
54	12.295	3399	3407	3413	rBV2	44178	63144	0.04%	0.010%
55	12.394	3429	3438	3449	rBV	356122	541770	0.37%	0.082%
56	12.475	3449	3463	3482	rVB	5747013	9268432	6.28%	1.403%
57	12.565	3482	3491	3497	rBV5	59694	102729	0.07%	0.016%
58	12.616	3498	3507	3521	rVB5	248846	487890	0.33%	0.074%
59	12.713	3521	3537	3547	rBV	5829674	9071291	6.15%	1.373%
60	12.864	3571	3584	3589	rBV5	157861	310604	0.21%	0.047%
61	12.902	3590	3596	3604	rVV3	278033	485503	0.33%	0.074%
62	12.979	3604	3620	3647	rVV	45959023	76797425	52.06%	11.628%
63	13.092	3647	3655	3664	rVV	178085	279003	0.19%	0.042%
64	13.169	3665	3679	3689	rVV	4470761	7229585	4.90%	1.095%
65	13.217	3690	3694	3702	rVV	136725	177953	0.12%	0.027%
66	13.275	3704	3712	3717	rVV4	116632	188517	0.13%	0.029%
67	13.340	3717	3732	3739	rVV	46565638	76510324	51.87%	11.584%
68	13.397	3739	3750	3763	rVV2	74446979	128870054	87.36%	19.512%
69	13.487	3764	3778	3799	rVB	11051112	18436614	12.50%	2.791%
70	13.587	3801	3809	3818	rBV	134713	195374	0.13%	0.030%
71	13.719	3830	3850	3866	rBV2	12866421	20214189	13.70%	3.061%
72	13.864	3874	3895	3900	rBV2	310611	666153	0.45%	0.101%
73	13.967	3914	3927	3937	rBV	3089250	5036665	3.41%	0.763%
74	14.057	3948	3955	3974	rVB3	185062	333521	0.23%	0.050%
75	14.278	4016	4024	4027	rBV	42291	60066	0.04%	0.009%
76	14.311	4028	4034	4038	rVV	103287	155568	0.11%	0.024%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Title : VOC Analysis

77	14.381	4038	4056	4067	rVV2	79405629	147508186	100.00%	22.334%
78	14.449	4067	4077	4088	rVV3	6288431	10990078	7.45%	1.664%
79	14.500	4088	4093	4109	rVV2	490405	830254	0.56%	0.126%
80	14.594	4110	4122	4137	rVB	1156159	1782651	1.21%	0.270%
81	14.690	4139	4152	4166	rVV	4808506	7229169	4.90%	1.095%
82	14.822	4186	4193	4202	rVB2	96337	144801	0.10%	0.022%
83	14.886	4202	4213	4221	rBV	210772	356564	0.24%	0.054%
84	14.934	4222	4228	4230	rBV3	30575	37314	0.03%	0.006%
85	15.111	4274	4283	4290	rBV2	51720	74544	0.05%	0.011%
86	15.159	4291	4298	4304	rBV3	38777	60955	0.04%	0.009%
87	15.204	4306	4312	4322	rVB3	62433	94723	0.06%	0.014%
88	15.314	4324	4346	4358	rBV	12597609	22156677	15.02%	3.355%
89	15.375	4358	4365	4372	rVV	156020	214159	0.15%	0.032%
90	15.545	4405	4418	4433	rVB	1938273	2983980	2.02%	0.452%
91	15.802	4487	4498	4509	rBV2	134012	237773	0.16%	0.036%
92	15.892	4509	4526	4542	rVV3	1140808	3358085	2.28%	0.508%
93	15.960	4542	4547	4560	rVB	68832	104170	0.07%	0.016%
94	16.153	4599	4607	4612	rVV2	50378	81661	0.06%	0.012%
95	16.185	4613	4617	4624	rVB2	40154	51770	0.04%	0.008%
96	16.391	4652	4681	4711	rBV	15108253	23738604	16.09%	3.594%
97	17.153	4910	4918	4925	rBV2	40554	56557	0.04%	0.009%
98	17.204	4927	4934	4941	rVV2	39052	62604	0.04%	0.009%
99	17.259	4941	4951	4968	rVV2	280783	459436	0.31%	0.070%
100	17.346	4970	4978	4987	rVB2	30957	51518	0.03%	0.008%

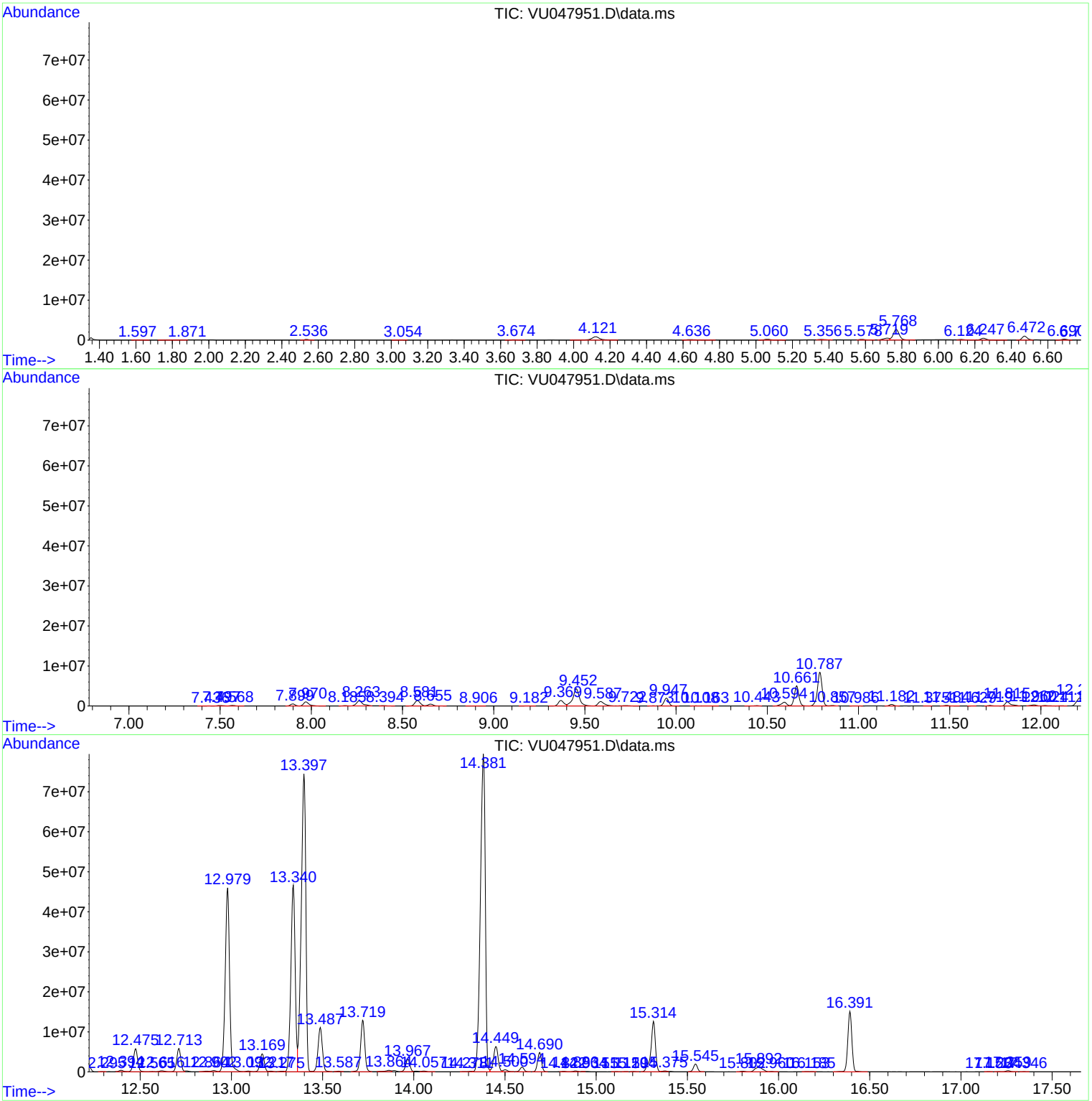
Sum of corrected areas: 660476788

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

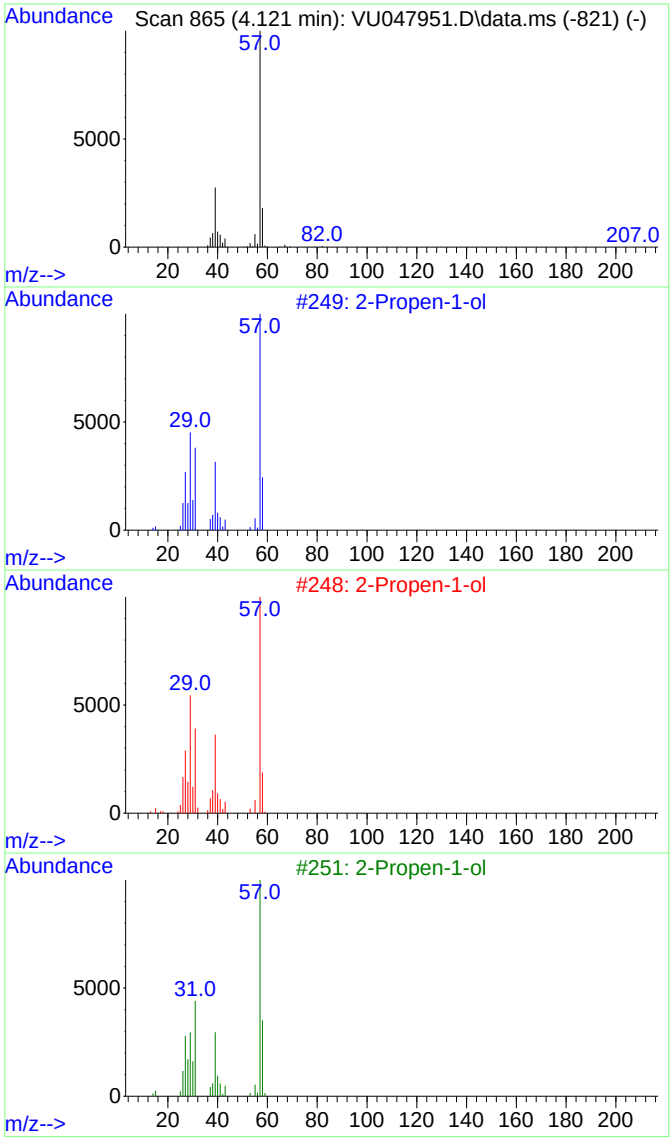
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

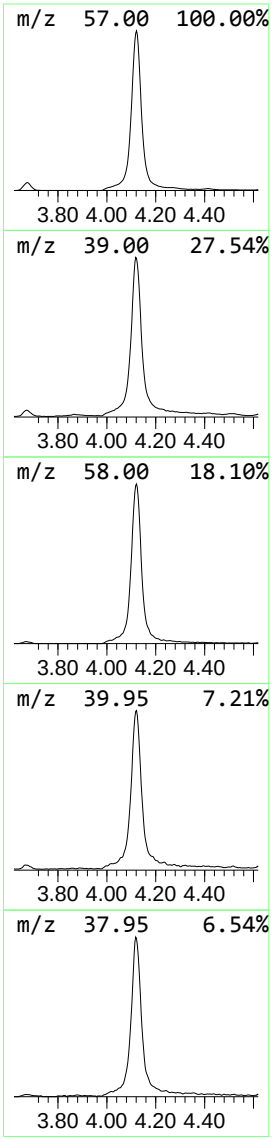
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Propen-1-ol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.121	132.84 ug/L	2790990	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-ol	58	C3H6O	000107-18-6	64
2	2-Propen-1-ol	58	C3H6O	000107-18-6	53
3	2-Propen-1-ol	58	C3H6O	000107-18-6	47
4	2-Propen-1-ol	58	C3H6O	000107-18-6	9
5	2-Propyn-1-ol, propionate	112	C6H8O2	001932-92-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

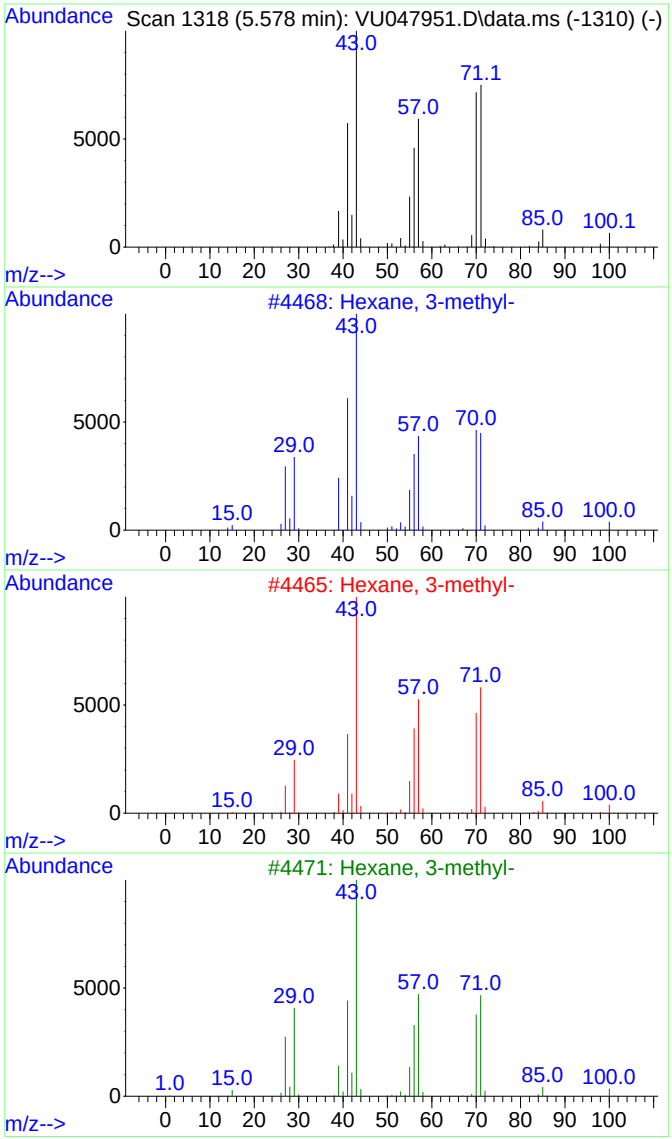
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

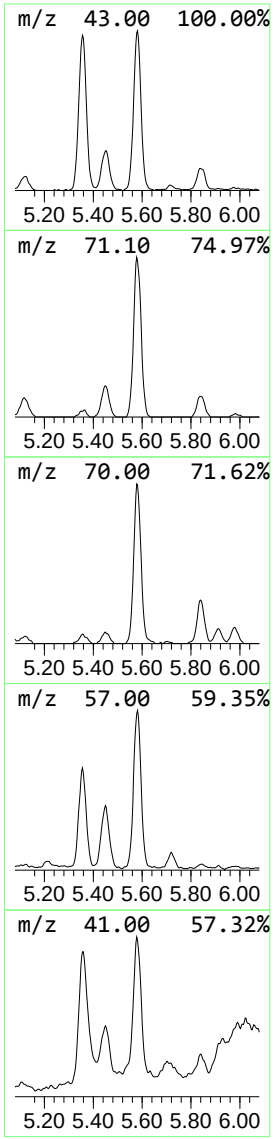
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.578	15.74 ug/L	330654	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Heptane	100	C7H16	000142-82-5	80
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

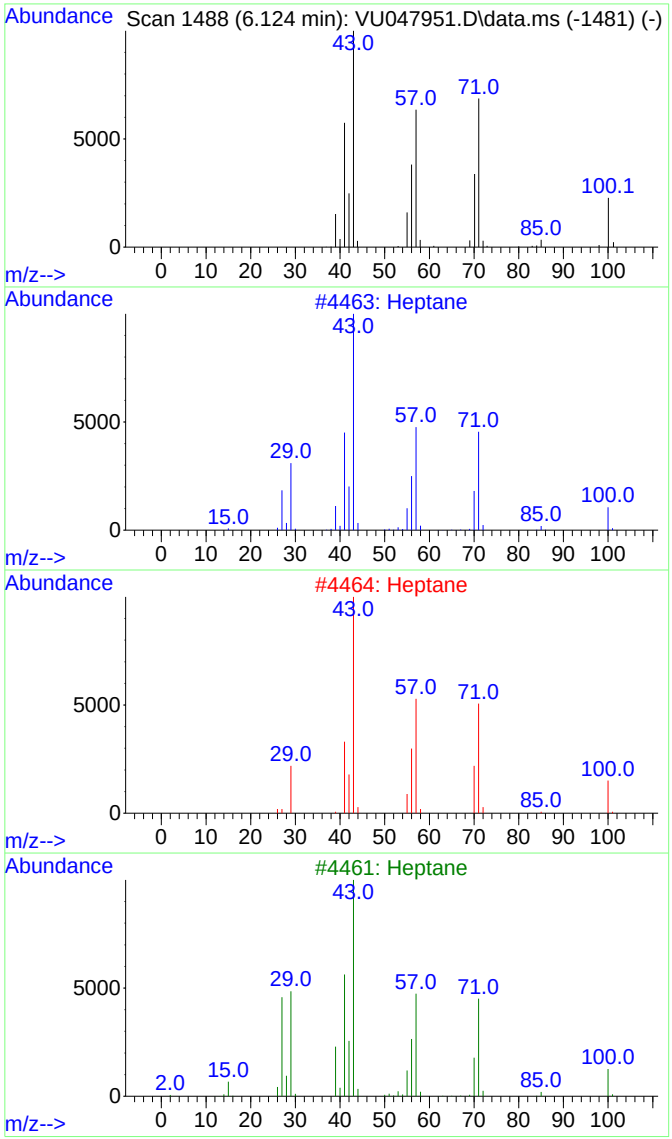
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

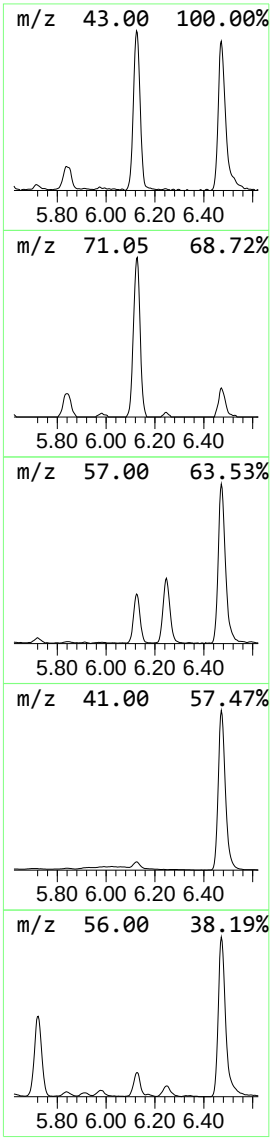
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.124	14.86 ug/L	312241	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	72
3	Heptane	100	C7H16	000142-82-5	72
4	Heptane	100	C7H16	000142-82-5	64
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

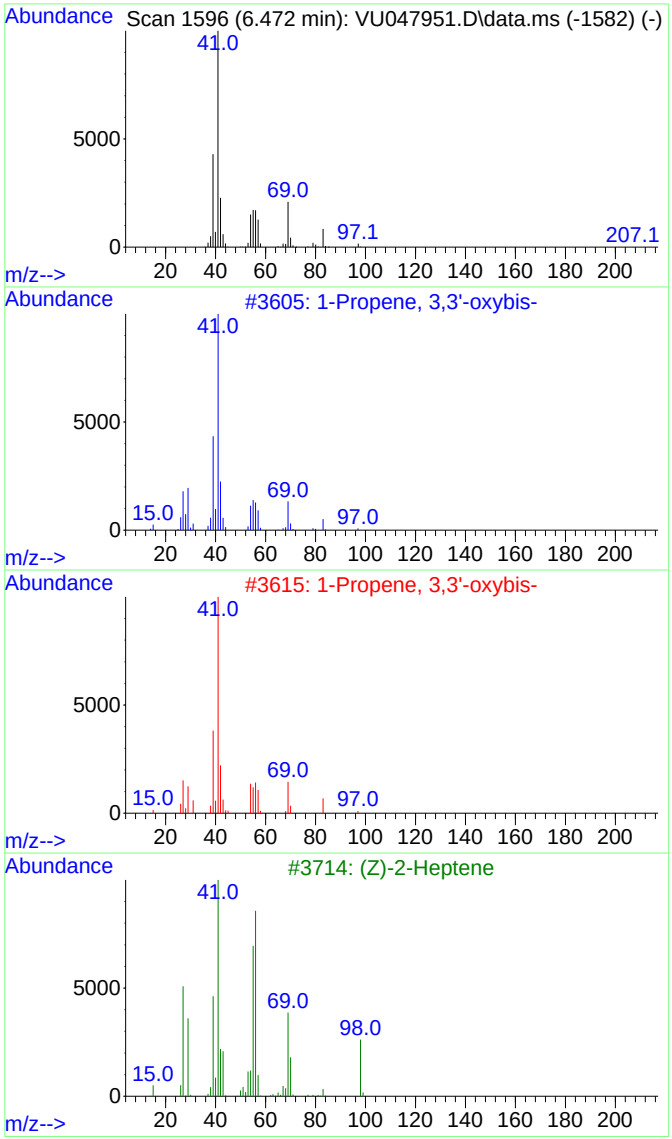
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

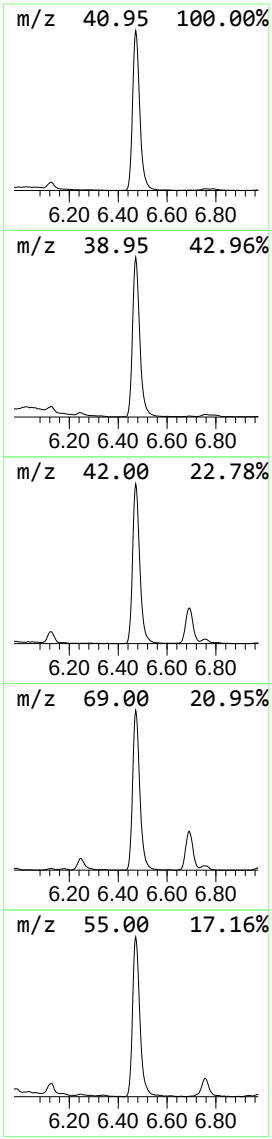
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Propene, 3,3'-oxybis- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.472	96.96 ug/L	2037240	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	90
2	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	83
3	(Z)-2-Heptene	98	C7H14	006443-92-1	50
4	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	47
5	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

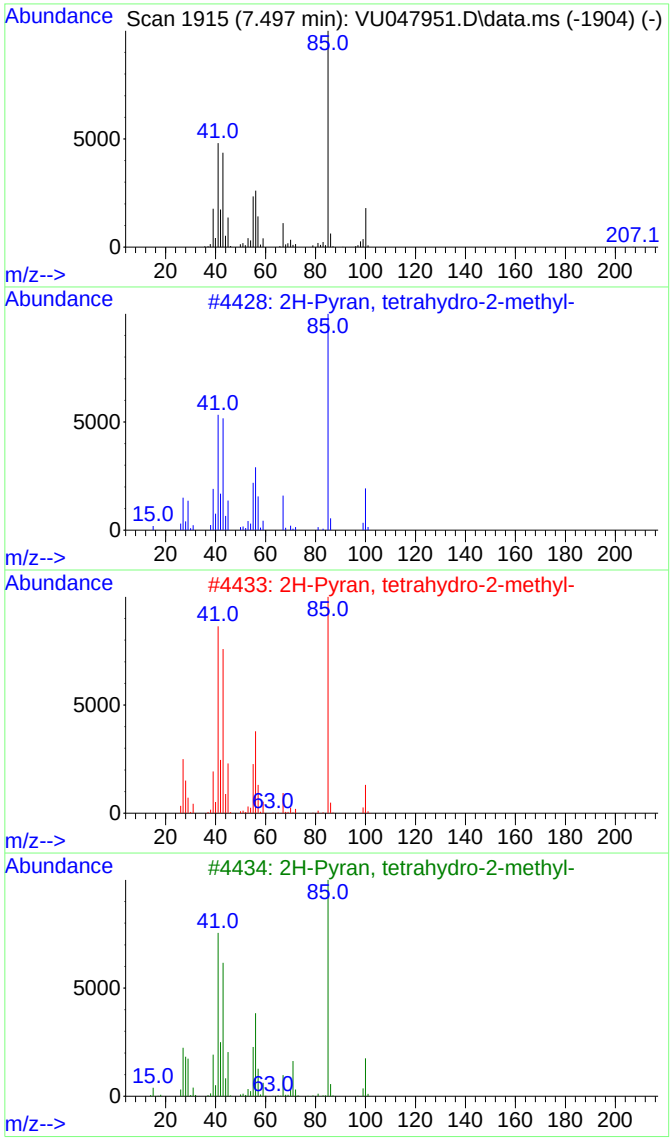
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

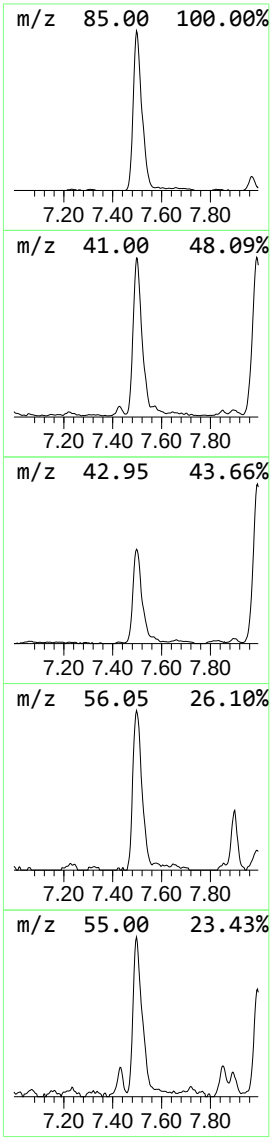
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.497	14.37 ug/L	301883	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	93
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	91
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	91
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	90
5	1-Methoxy-3-methyl-2-butene	100	C6H12O	022093-99-8	64





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Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

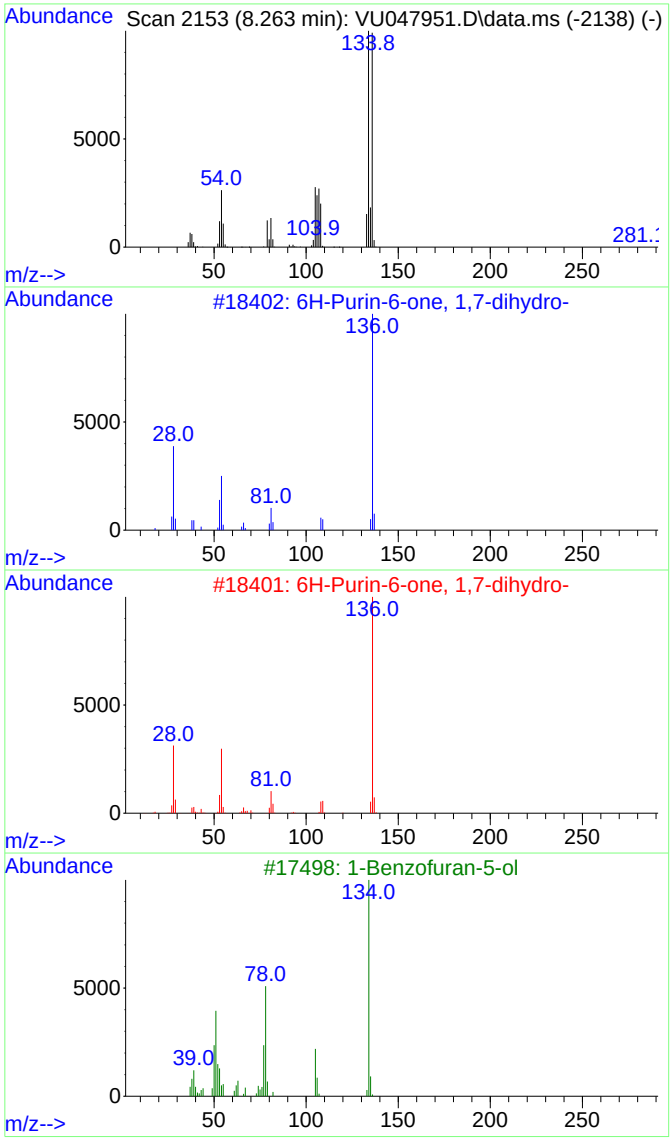
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

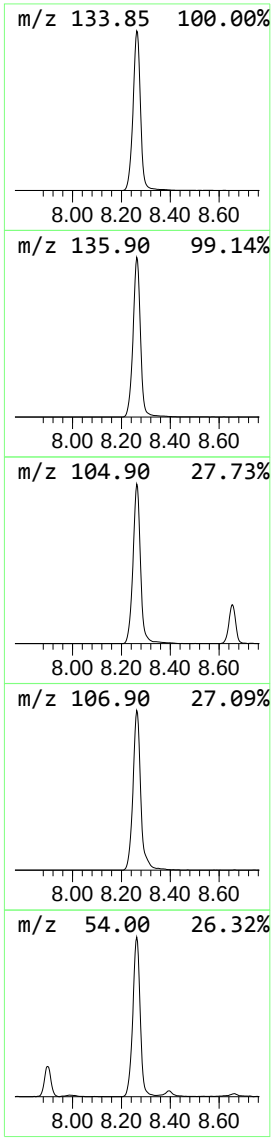
****

Peak Number 8 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.263	14.27 ug/L	3095000	Chlorobenzene-d5	9.423

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Purin-6-one, 1,7-dihydro-	136	C5H4N4O	000068-94-0	30
2	6H-Purin-6-one, 1,7-dihydro-	136	C5H4N4O	000068-94-0	27
3	1-Benzofuran-5-ol	134	C8H6O2	013196-10-6	27
4	Phenol, 4-(2-propenyl)-	134	C9H10O	000501-92-8	17
5	Inosine	268	C10H12N4O5	000058-63-9	16





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Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

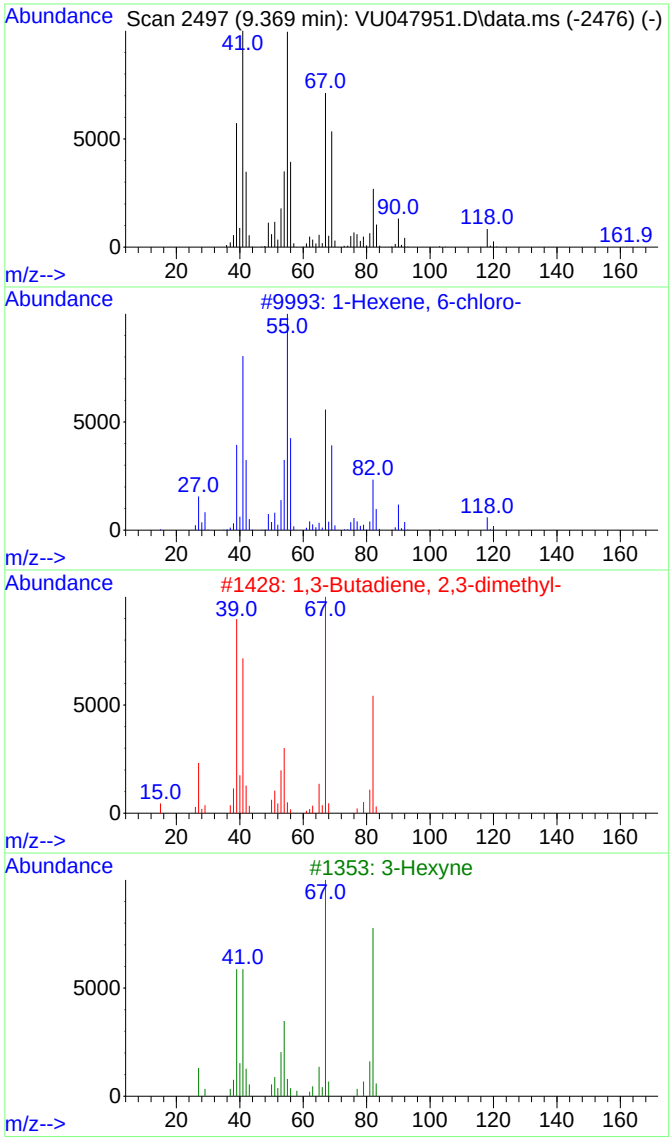
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

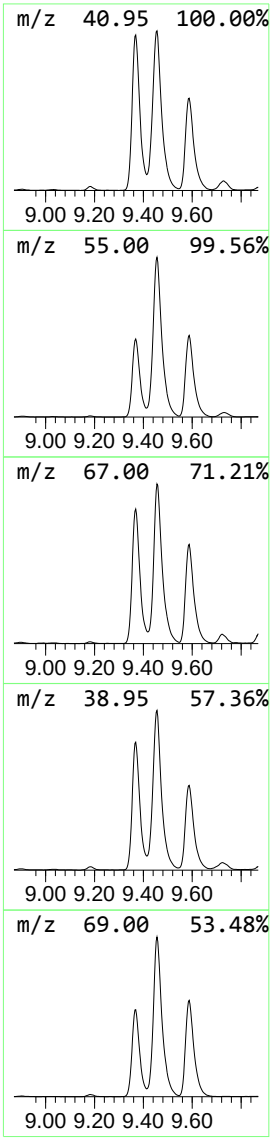
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1-Hexene, 6-chloro- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.369	13.60 ug/L	2949260	Chlorobenzene-d5	9.423

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 6-chloro-	118	C6H11Cl	000928-89-2	96
2	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	46
3	3-Hexyne	82	C6H10	000928-49-4	46
4	1-Propene, 3-chloro-2-methyl-	90	C4H7Cl	000563-47-3	38
5	1-Propene, 3-chloro-2-methyl-	90	C4H7Cl	000563-47-3	38





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Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

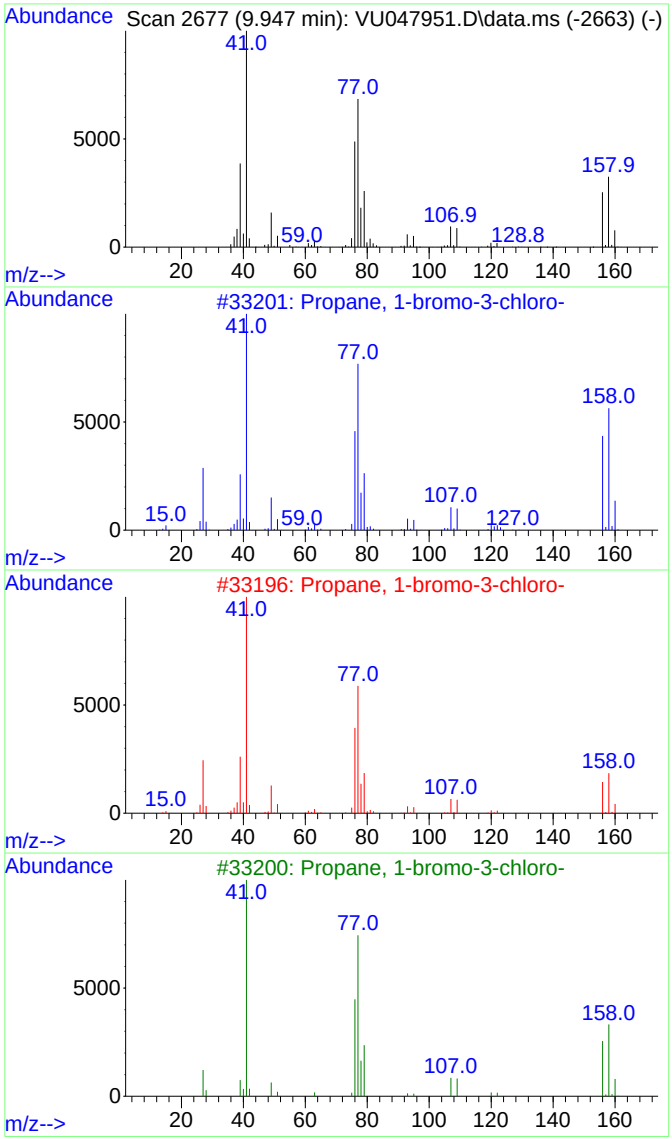
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

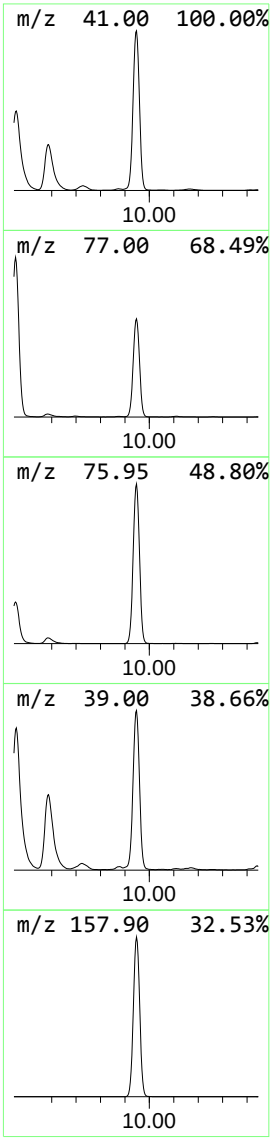
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Propane, 1-bromo-3-chloro- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.947	16.40 ug/L	3555640	Chlorobenzene-d5	9.423

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-bromo-3-chloro-	156	C3H6BrCl	000109-70-6	95
2	Propane, 1-bromo-3-chloro-	156	C3H6BrCl	000109-70-6	94
3	Propane, 1-bromo-3-chloro-	156	C3H6BrCl	000109-70-6	94
4	Propane, 1-bromo-3-chloro-	156	C3H6BrCl	000109-70-6	68
5	Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

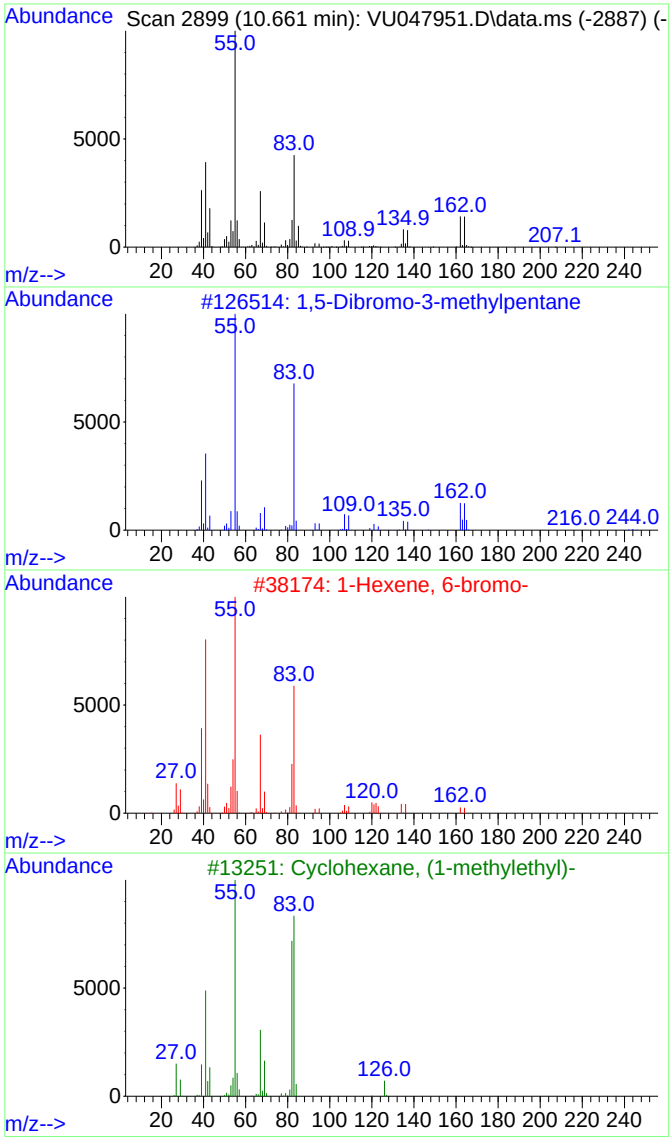
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

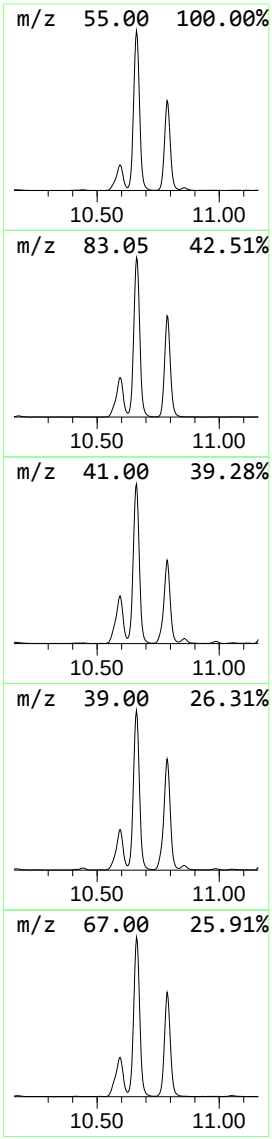
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,5-Dibromo-3-methylpentane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.661	197.57 ug/L	8593370	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Dibromo-3-methylpentane	242	C6H12Br2	004457-72-1	53
2	1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	40
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	40
4	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	38
5	1-Pentene, 2,3,3-trimethyl-	112	C8H16	000560-23-6	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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

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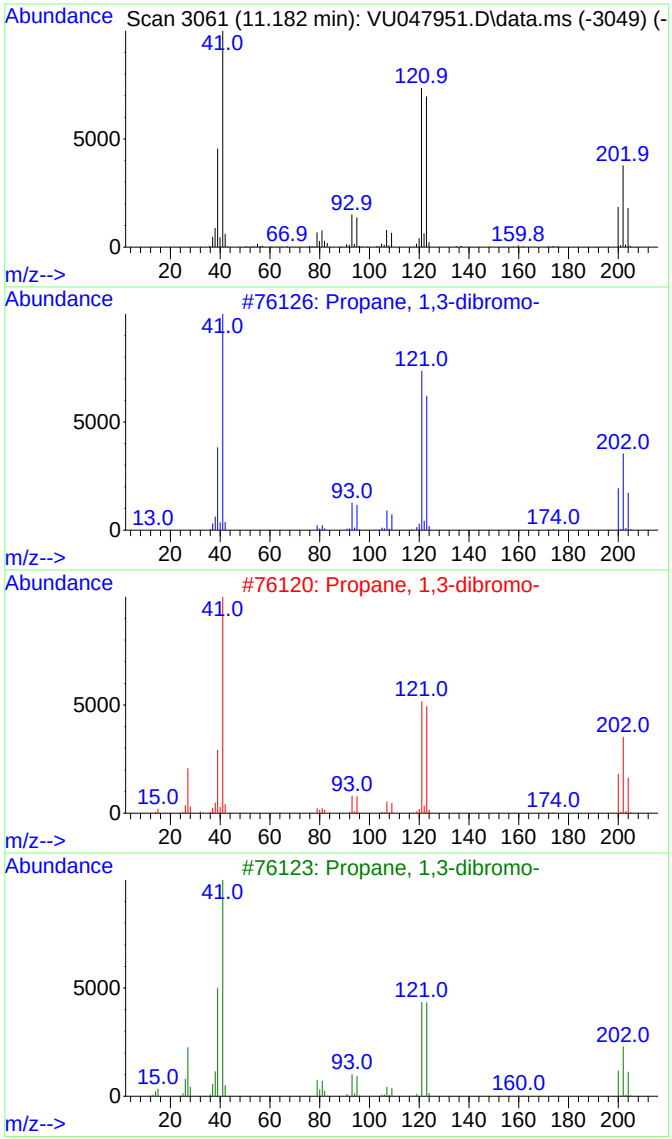
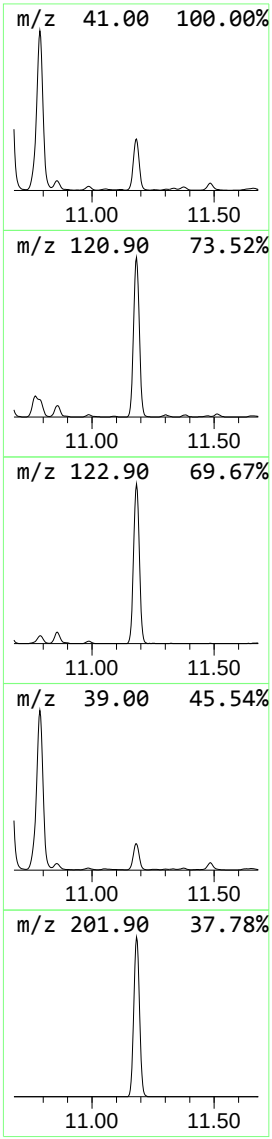
Peak Number 14 Propane, 1,3-dibromo- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.182	14.58 ug/L	634129	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,3-dibromo-	200	C3H6Br2	000109-64-8	98
2	Propane, 1,3-dibromo-	200	C3H6Br2	000109-64-8	97
3	Propane, 1,3-dibromo-	200	C3H6Br2	000109-64-8	96
4	Propane, 1,2-dibromo-	200	C3H6Br2	000078-75-1	94
5	Propane, 1,3-dibromo-	200	C3H6Br2	000109-64-8	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

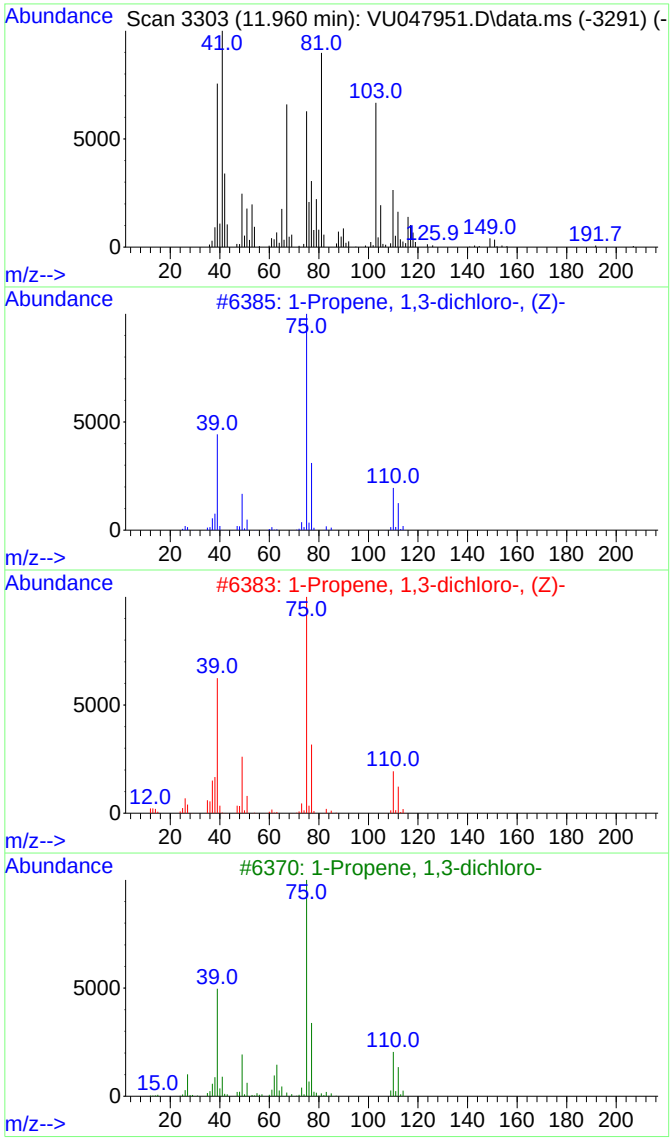
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

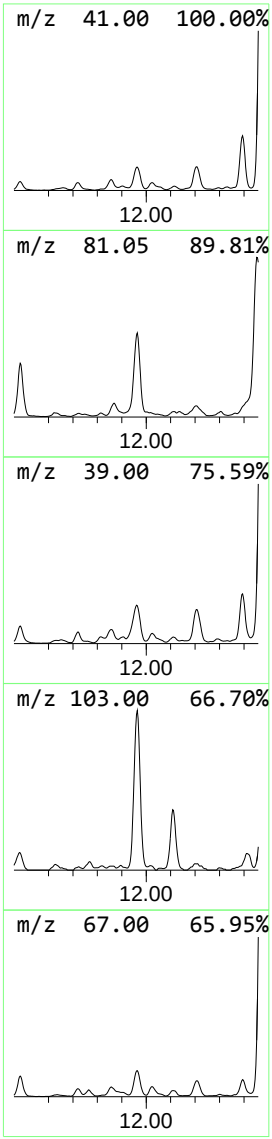
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1-Propene, 1,3-dichloro-, (Z)- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.960	11.38 ug/L	495175	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 1,3-dichloro-, (Z)-	110	C3H4Cl2	010061-01-5	53
2	1-Propene, 1,3-dichloro-, (Z)-	110	C3H4Cl2	010061-01-5	52
3	1-Propene, 1,3-dichloro-	110	C3H4Cl2	000542-75-6	50
4	1-Decyne	138	C10H18	000764-93-2	40
5	1-Propene, 2,3-dichloro-	110	C3H4Cl2	000078-88-6	40





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Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

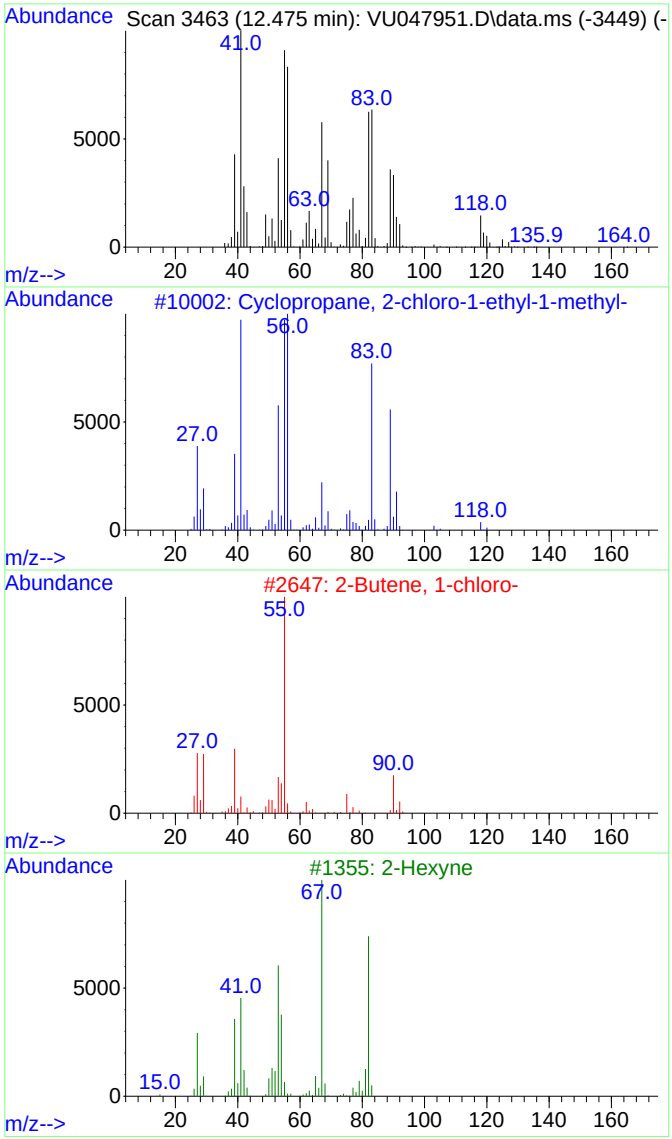
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

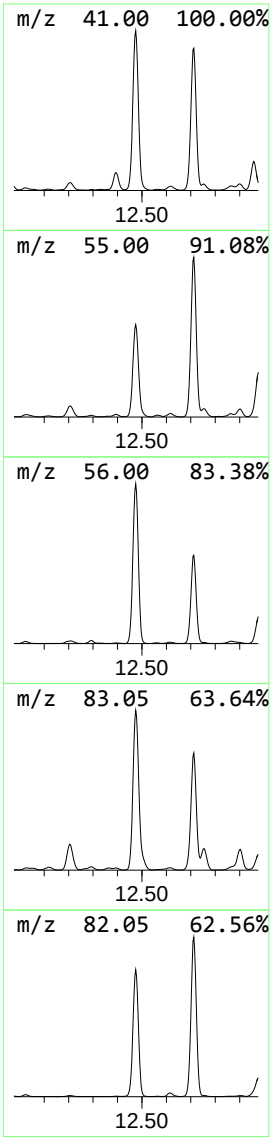
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cyclopropane, 2-chloro-1-et... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.475	213.09 ug/L	9268430	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 2-chloro-1-ethyl-1...	118	C6H11Cl	343926-09-0	53
2	2-Butene, 1-chloro-	90	C4H7Cl	000591-97-9	38
3	2-Hexyne	82	C6H10	000764-35-2	38
4	Furan, 3-methyl-	82	C5H6O	000930-27-8	38
5	1-Butyne, 3-methyl-	68	C5H8	000598-23-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

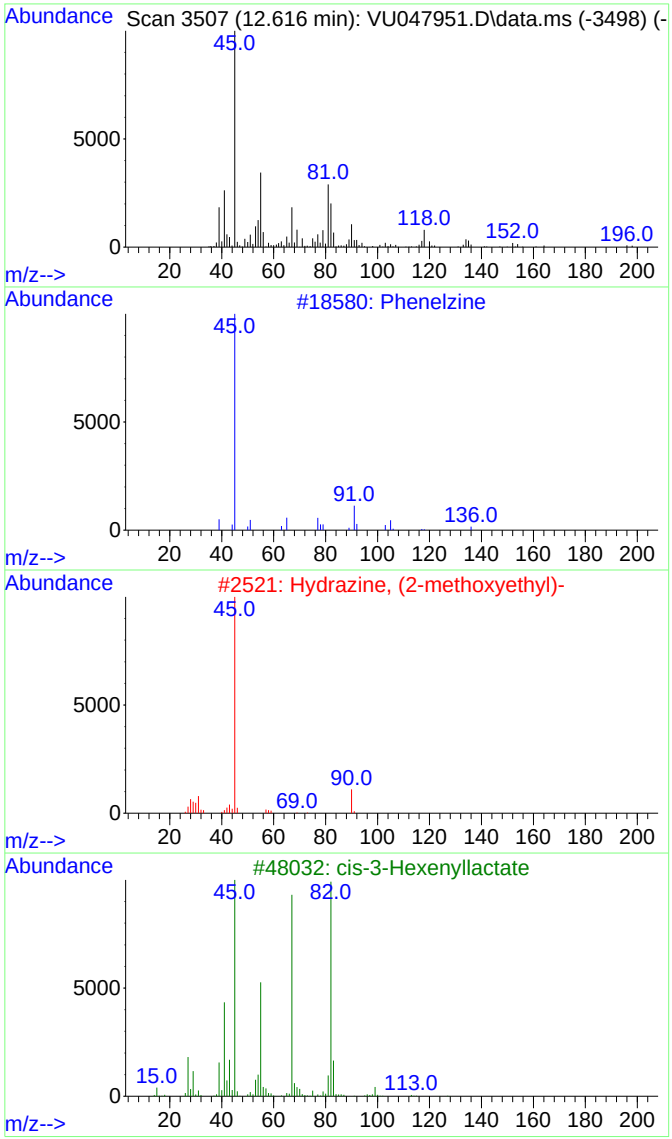
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

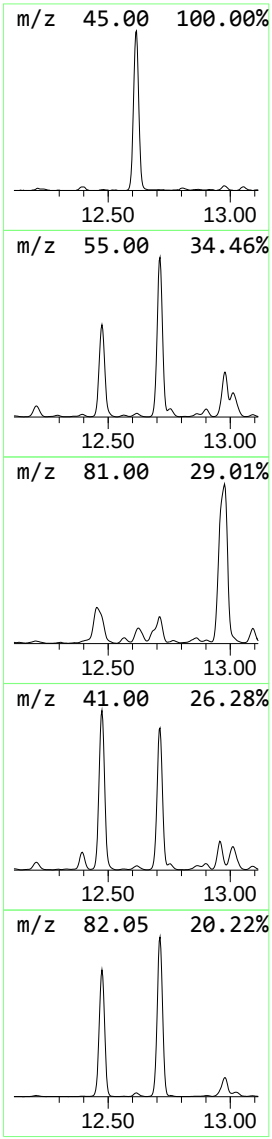
****

Peak Number 20 unknown-02 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	11.22 ug/L	487890	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenelzine	136	C8H12N2	000051-71-8	43
2	Hydrazine, (2-methoxyethyl)-	90	C3H10N2O	003044-15-3	43
3	cis-3-Hexenyllactate	172	C9H16O3	061931-81-5	40
4	Ethane, 1,2-dimethoxy-	90	C4H10O2	000110-71-4	37
5	Hydrazine, (2-methoxyethyl)-	90	C3H10N2O	003044-15-3	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

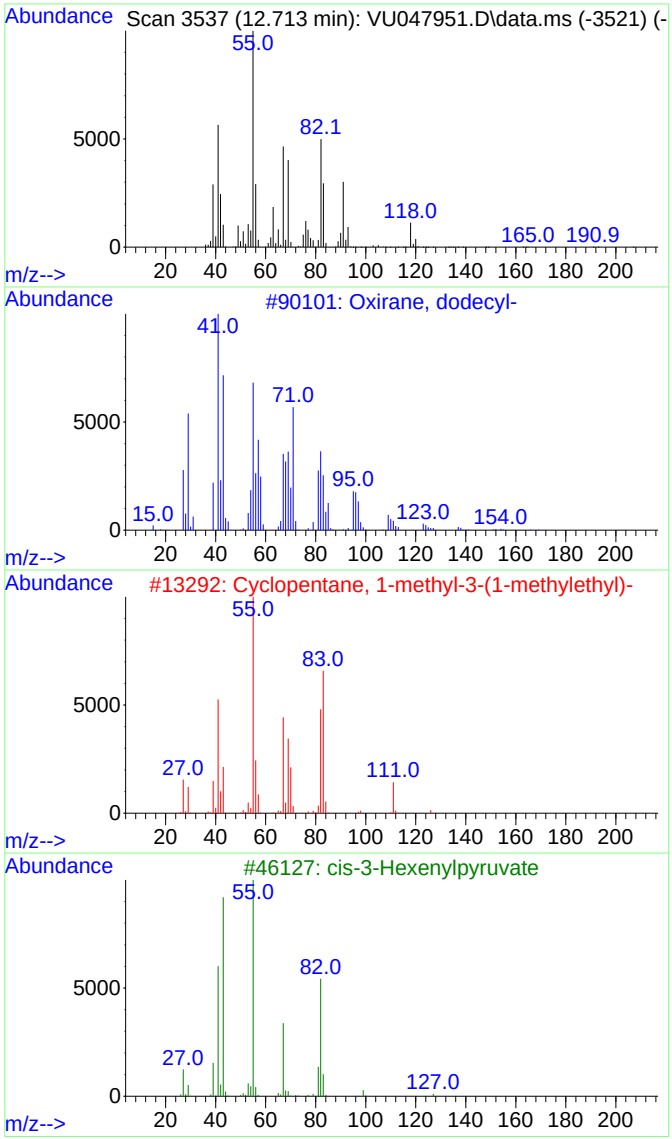
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

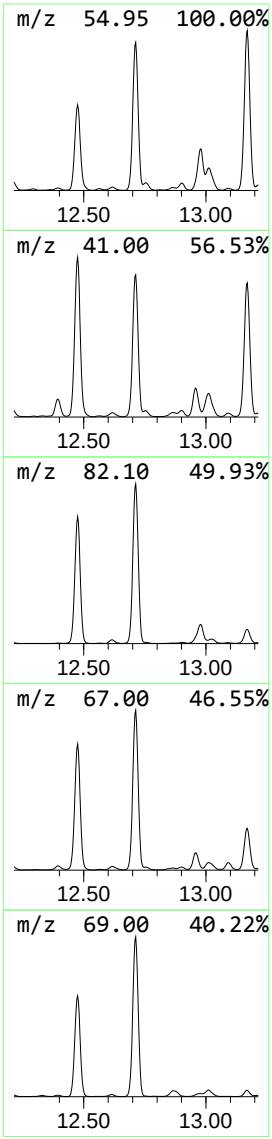
****

Peak Number 21 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.713	208.56 ug/L	9071290	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, dodecyl-	212	C14H28O	003234-28-4	36
2	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	33
3	cis-3-Hexenylpyruvate	170	C9H14O3	068133-76-6	28
4	9-Chlorononon-1-ene	160	C9H17Cl	000872-06-0	28
5	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

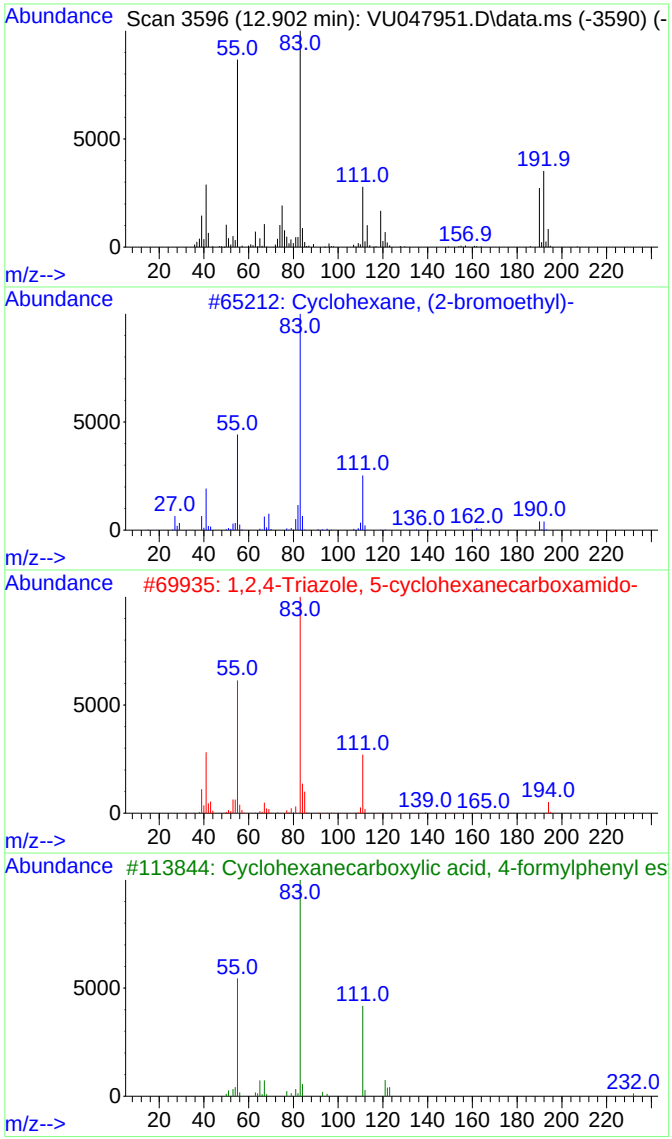
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

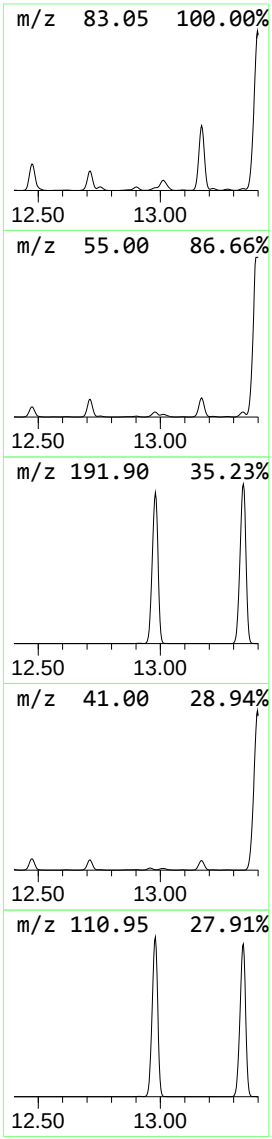
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Cyclohexane, (2-bromoethyl)- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.902	11.16 ug/L	485503	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-bromoethyl)-	190	C8H15Br	001647-26-3	64
2	1,2,4-Triazole, 5-cyclohexanecar...	194	C9H14N4O	021051-17-2	49
3	Cyclohexanecarboxylic acid, 4-fo...	232	C14H16O3	146606-04-4	47
4	Methanone, dicyclohexyl-	194	C13H22O	000119-60-8	46
5	Methanone, dicyclohexyl-	194	C13H22O	000119-60-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

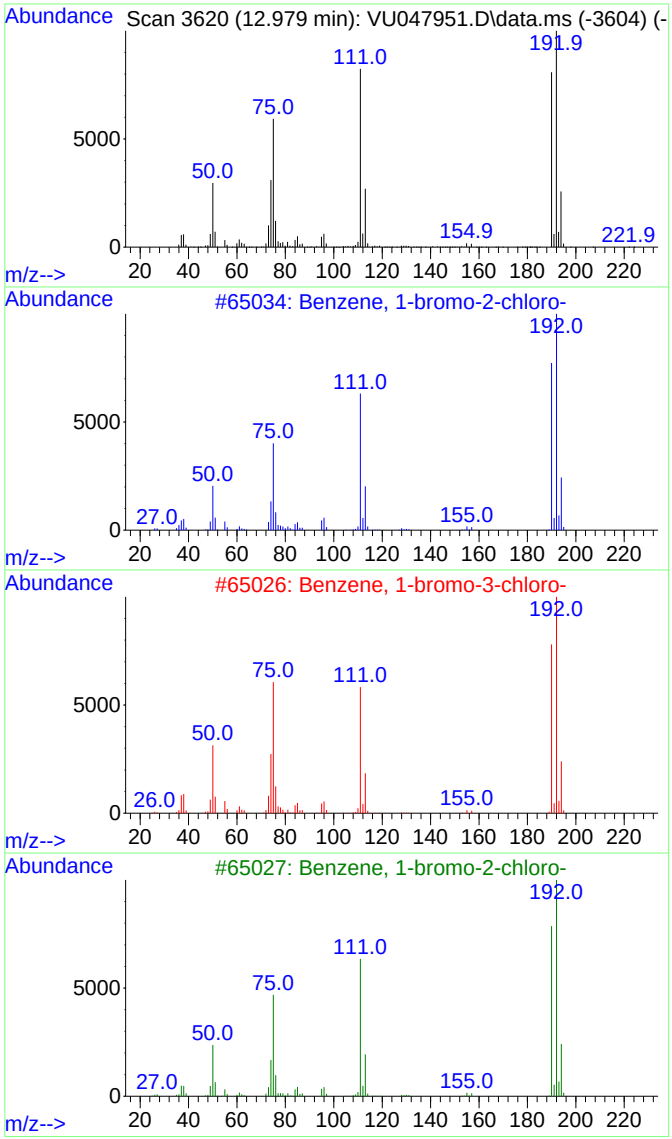
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

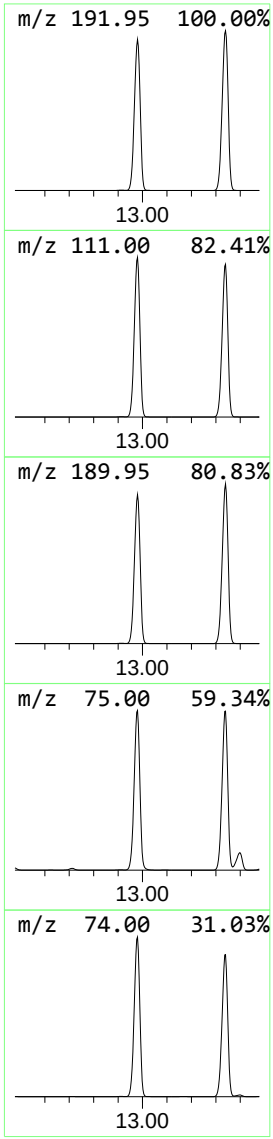
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1-bromo-2-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.979	1765.66 ug/L	76797400	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
2	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	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_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

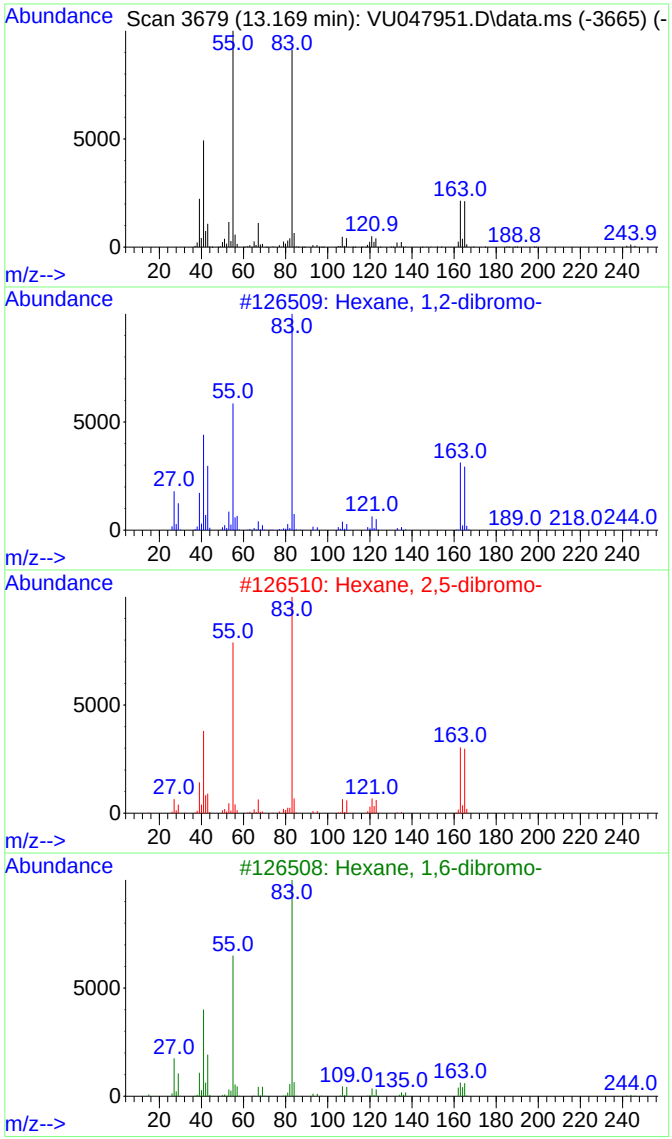
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

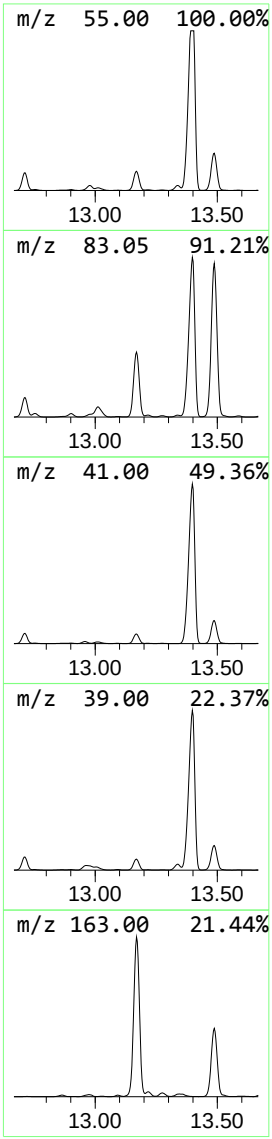
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Hexane, 1,2-dibromo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	166.22 ug/L	7229590	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	86
2	Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	86
3	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	53
4	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	53
5	3-Methylbut-2-enoic acid, 3,4-di...	244	C11H10Cl2O2	1000307-59-7	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

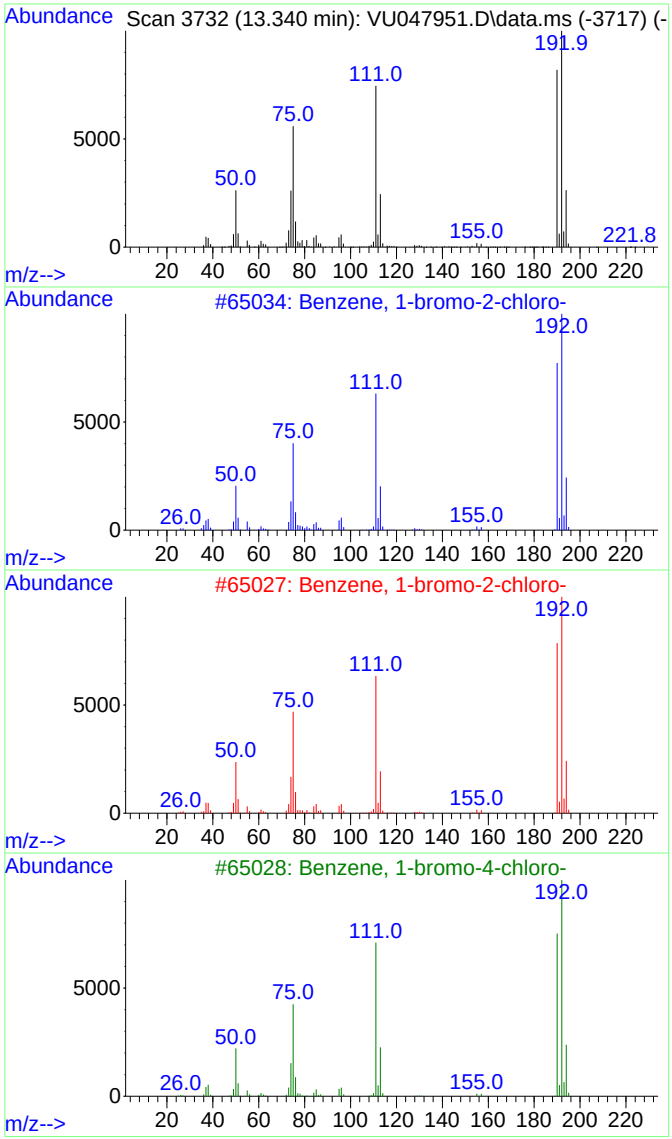
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

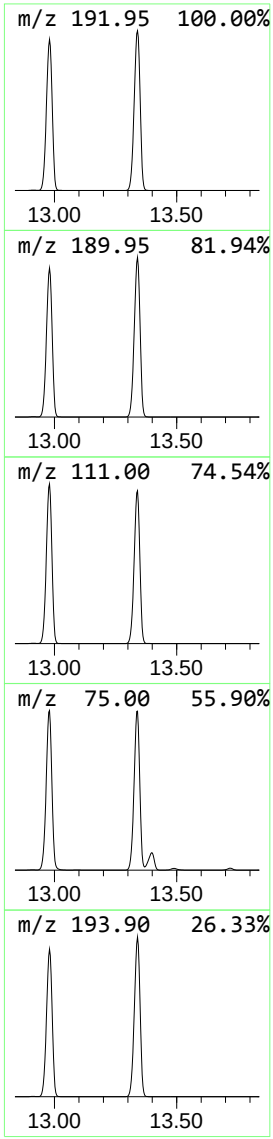
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1-bromo-4-chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.339	1759.06 ug/L	76510300	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	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_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

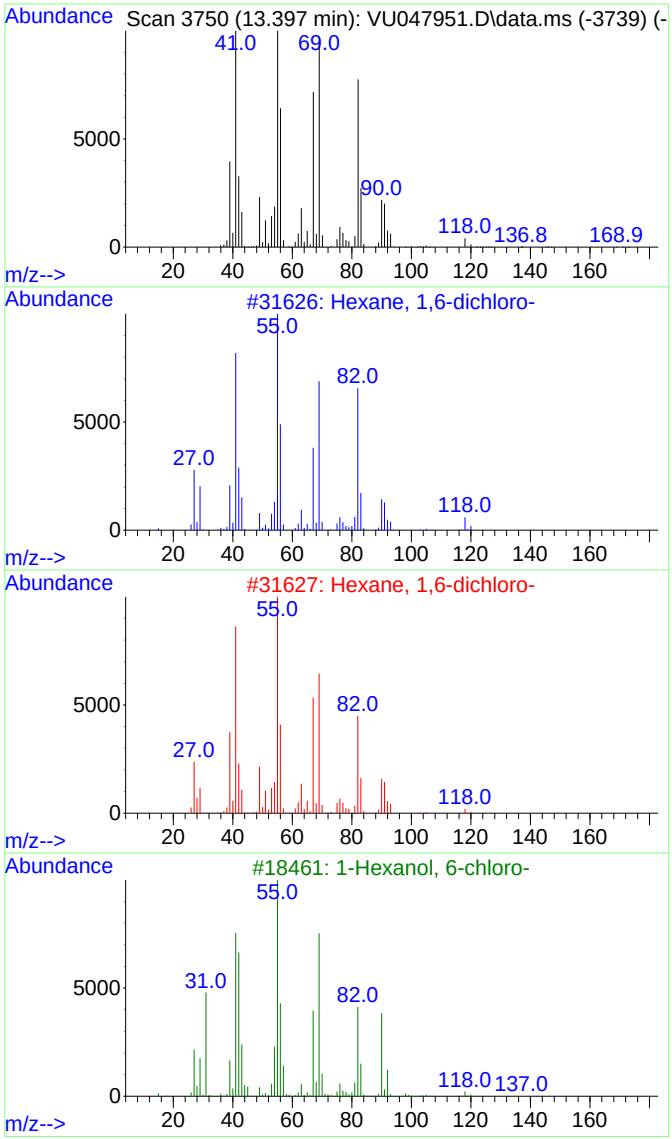
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

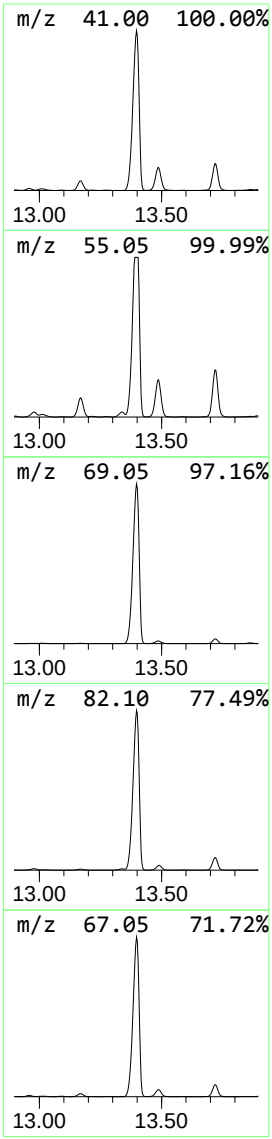
****

Peak Number 30 Hexane, 1,6-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.397	2962.87 ug/L	128870000	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	64
2	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	58
3	1-Hexanol, 6-chloro-	136	C6H13ClO	002009-83-8	40
4	2-Butenoic acid, 3-hexenyl ester...	168	C10H16O2	065405-80-3	32
5	cis-3-Hexenyl crotonate	168	C10H16O2	1000429-17-4	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

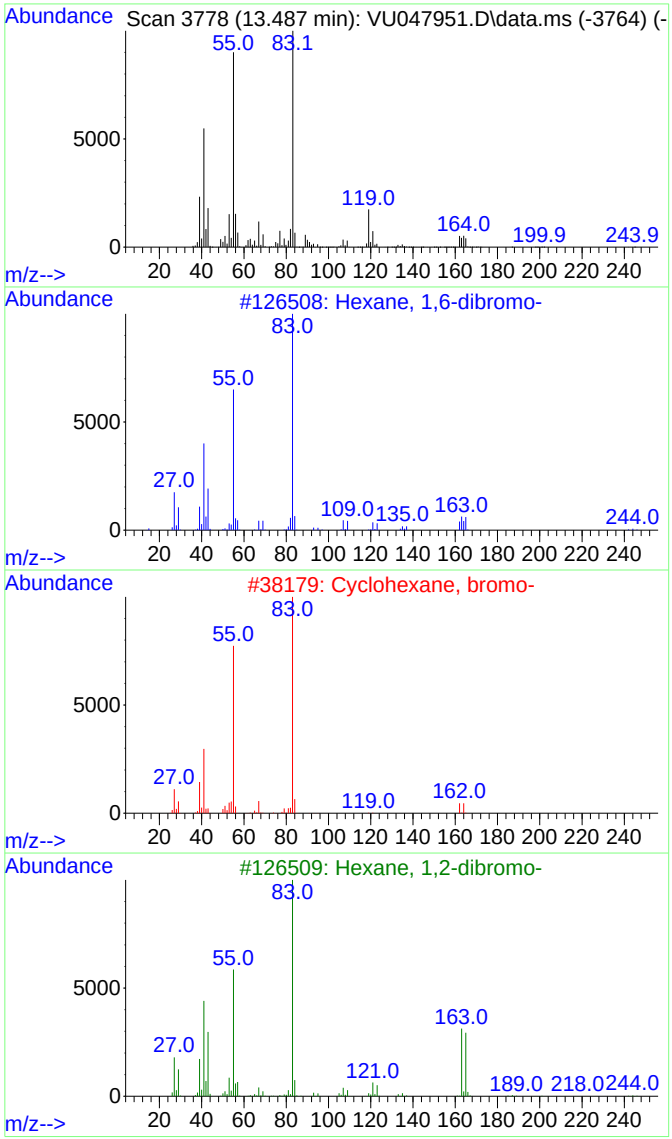
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

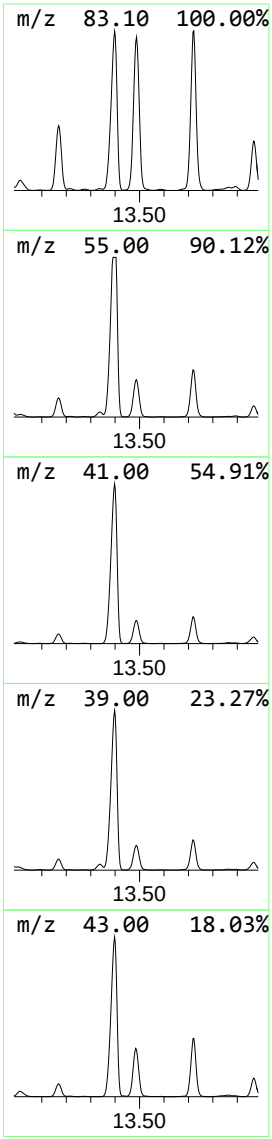
****

Peak Number 31 Hexane, 1,6-dibromo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.487	423.88 ug/L	18436600	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	64
2	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	64
3	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	59
4	Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	59
5	Dicyclohexyl sulfone	230	C12H22O2S	1000451-31-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

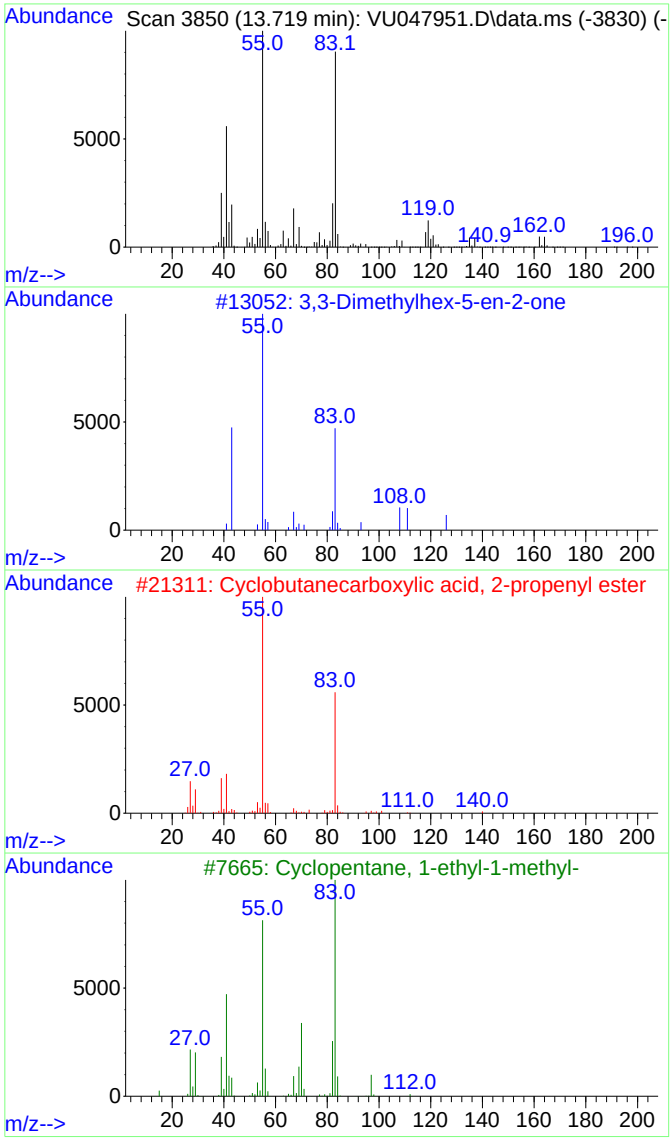
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

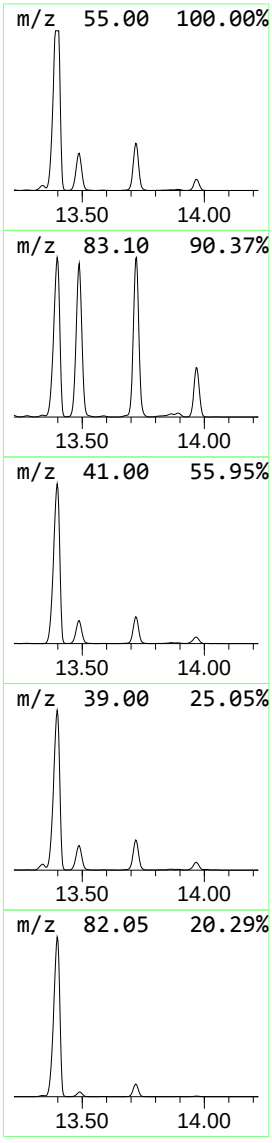
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 3,3-Dimethylhex-5-en-2-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.719	464.75 ug/L	20214200	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Dimethylhex-5-en-2-one	126	C8H14O	1000424-30-3	59
2	Cyclobutanecarboxylic acid, 2-pr...	140	C8H12O2	1000282-60-3	50
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	50
4	Oxalic acid, cyclohexyl octyl ester	284	C16H28O4	1000309-31-0	50
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

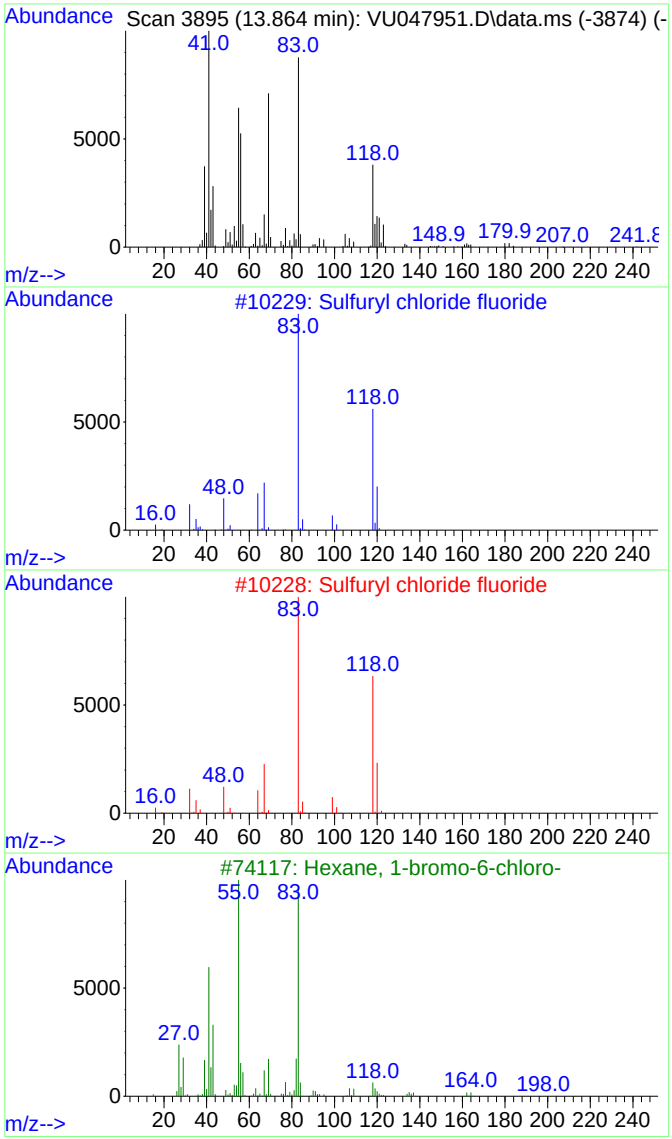
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

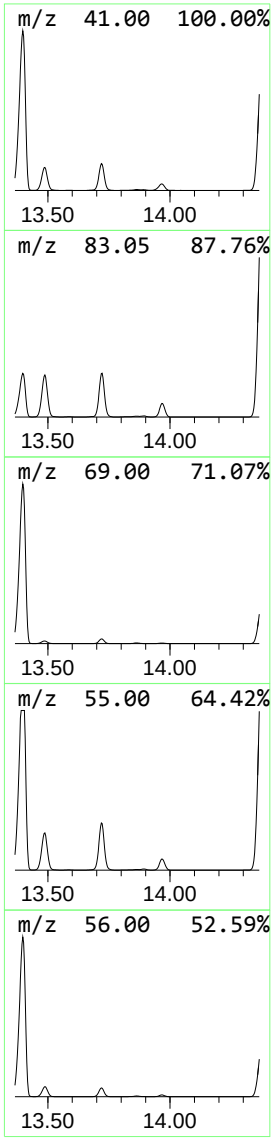
****

Peak Number 34 unknown-04 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.864	15.32 ug/L	666153	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfuryl chloride fluoride	118	ClFO2S	013637-84-8	47
2	Sulfuryl chloride fluoride	118	ClFO2S	013637-84-8	47
3	Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	35
4	Penten-3-yl tiglate, 1-	168	C10H16O2	1000383-59-1	35
5	Hexamethylene chloroiodide	246	C6H12ClI	034683-73-3	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

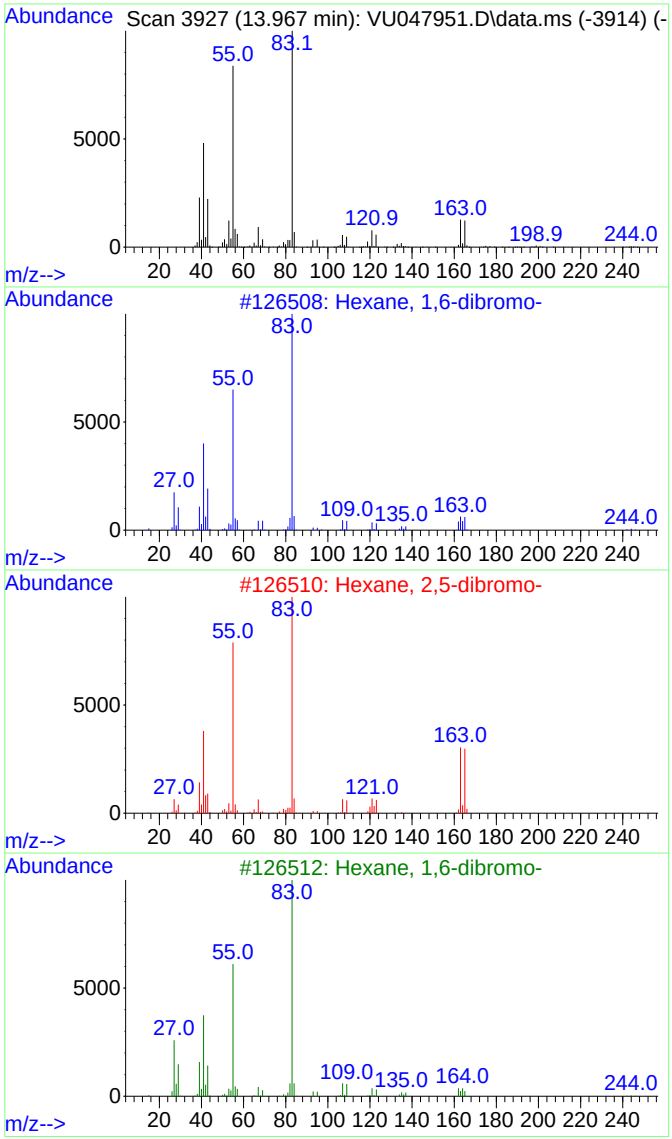
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

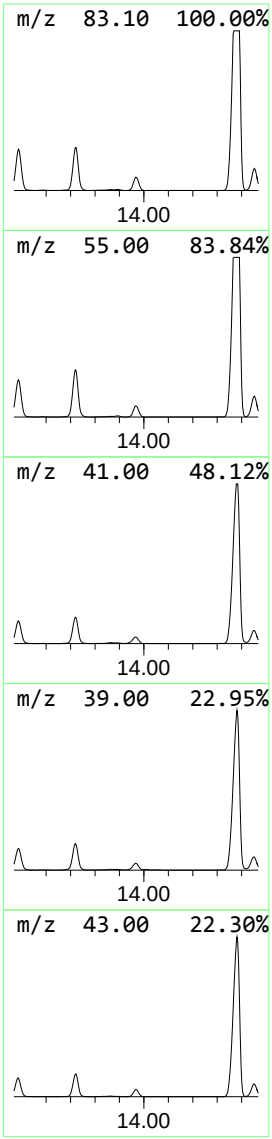
****

Peak Number 35 unknown-05 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.967	115.80 ug/L	5036670	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	83
2	Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	78
3	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	72
4	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	64
5	Hexane, 1,5-dibromo-	242	C6H12Br2	000627-96-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

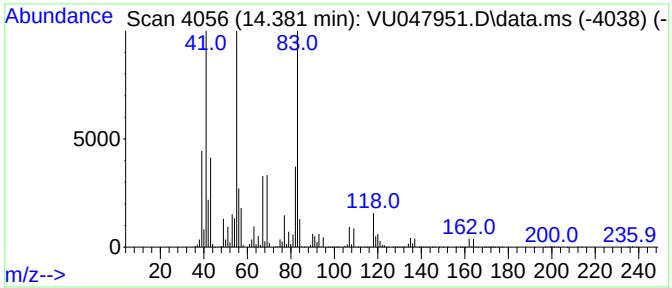
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

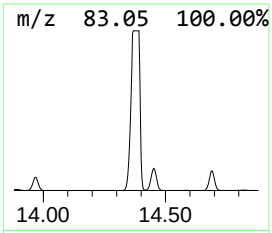
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

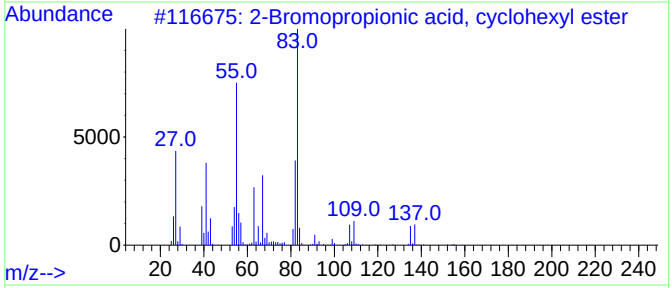
****
Peak Number 38 2-Bromopropionic acid, cycl... Concentration Rank 1

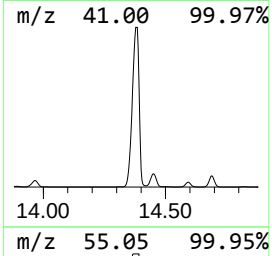
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.381	3391.39 ug/L	147508000	1,4-Dichlorobenzene-d4	11.816

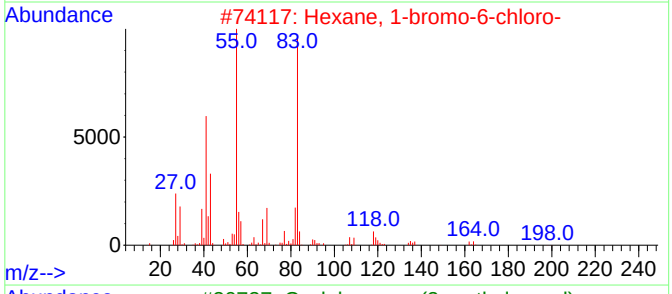
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromopropionic acid, cyclohexy...	234	C9H15BrO2	015151-89-0	53
2	Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	50
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	50
4	1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	47
5	1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	47

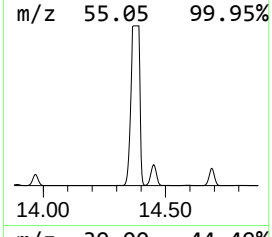


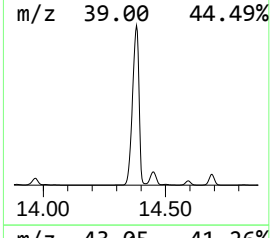


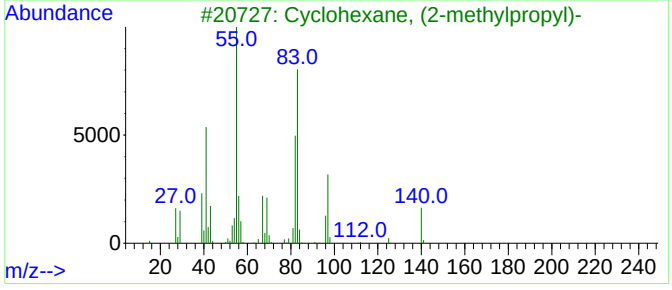


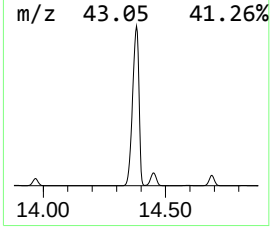












Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

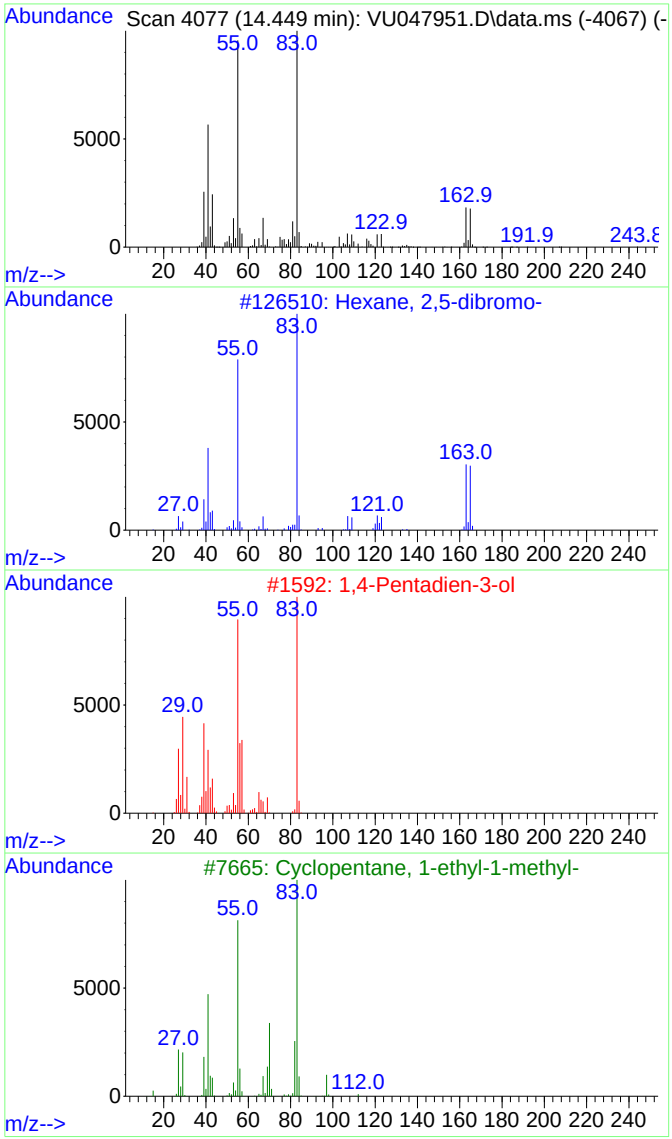
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

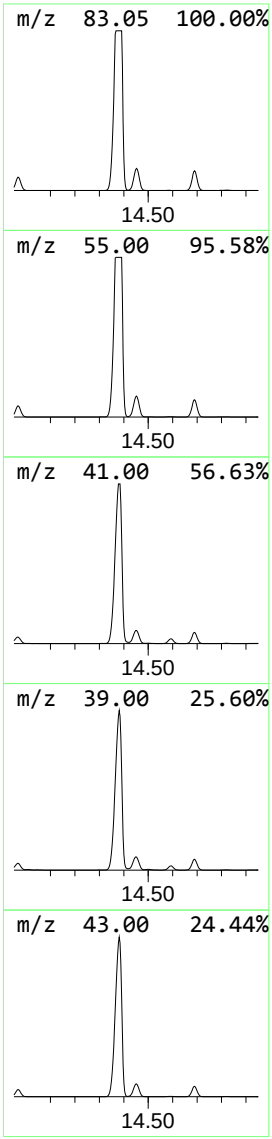
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Hexane, 2,5-dibromo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.449	252.68 ug/L	10990100	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	78
2	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	52
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	50
4	Cyclohexane, nitro-	129	C6H11NO2	001122-60-7	50
5	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

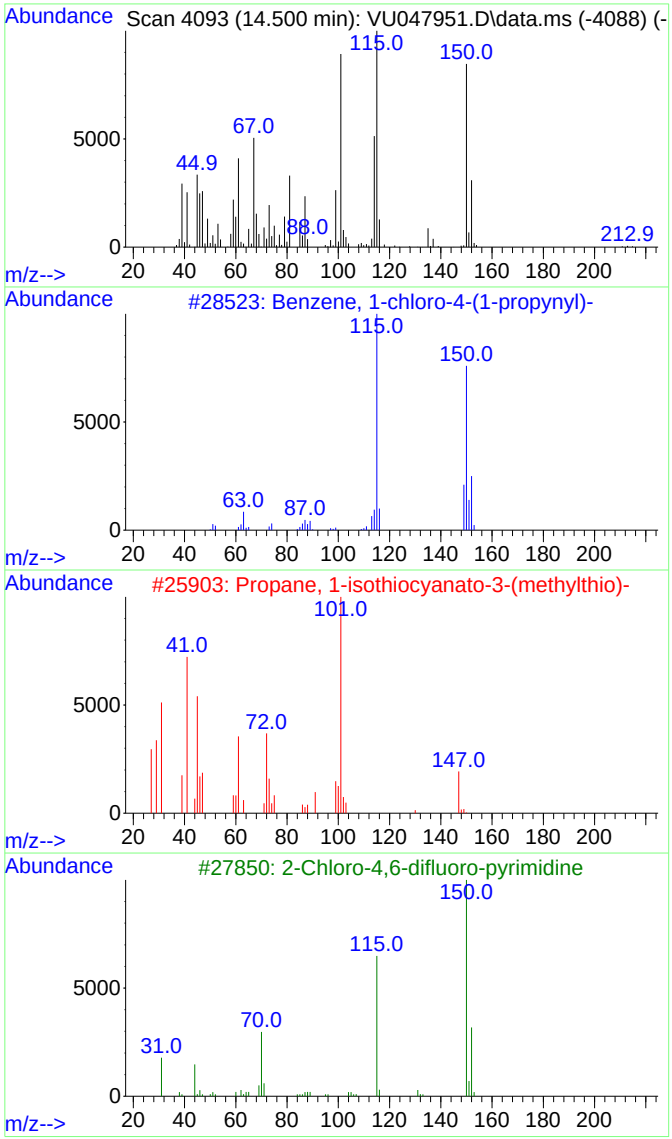
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

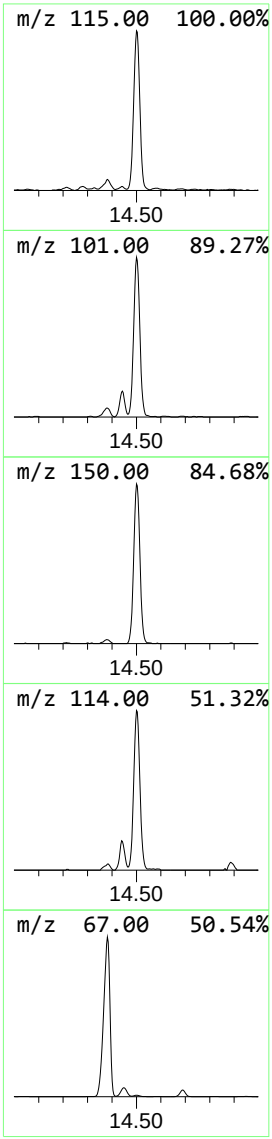
****

Peak Number 40 unknown-06 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.500	19.09 ug/L	830254	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-(1-propynyl)-	150	C9H7Cl	002809-65-6	38
2	Propane, 1-isothiocyanato-3-(met...	147	C5H9NS2	000505-79-3	22
3	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	22
4	Butane, 1,4-bis(ethylthio)-	178	C8H18S2	054576-32-8	14
5	5-Butyldihydro-2(3H)thiophenone	158	C8H14OS	104223-43-0	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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

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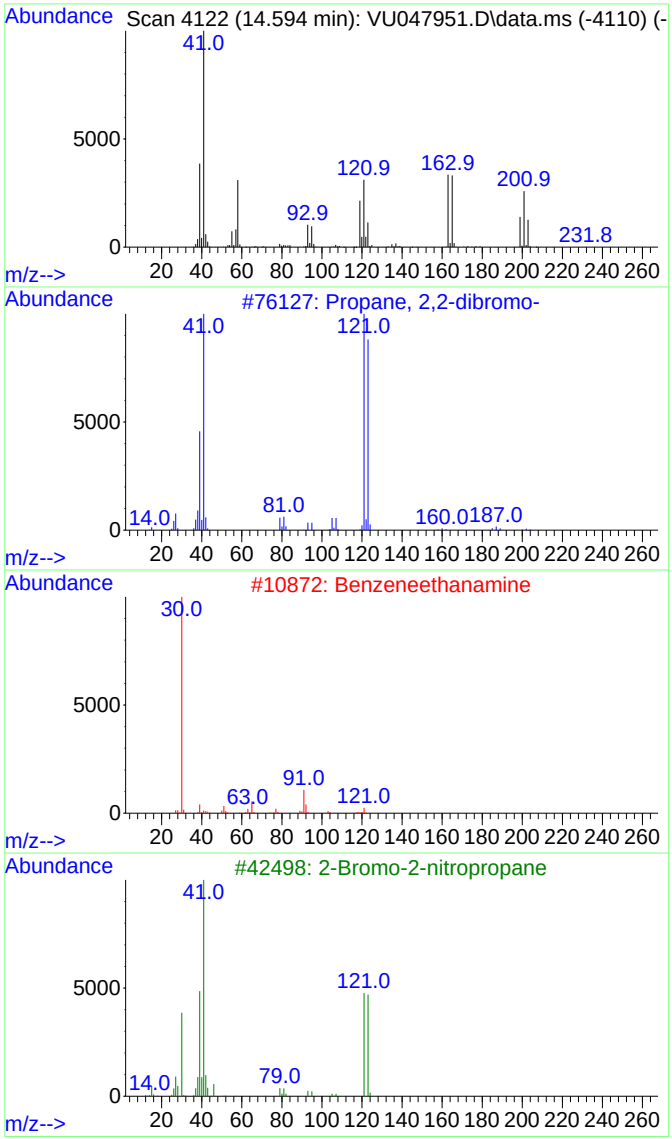
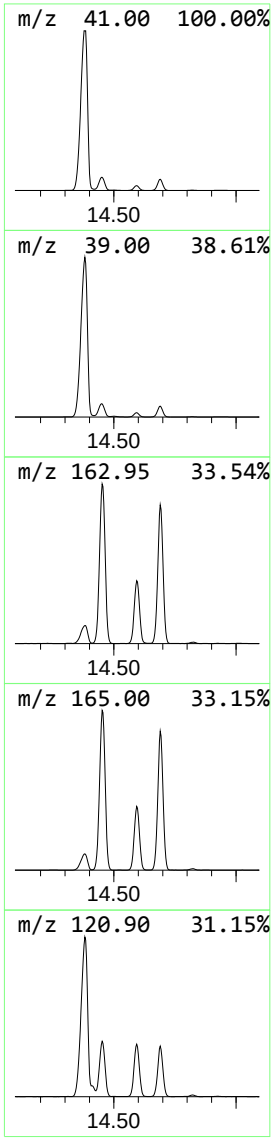
Peak Number 41 unknown-07 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.594	40.99 ug/L	1782650	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dibromo-	200	C3H6Br2	000594-16-1	7
2	Benzeneethanamine	121	C8H11N	000064-04-0	4
3	2-Bromo-2-nitropropane	167	C3H6BrNO2	005447-97-2	4
4	2,3-Dibromo-2,3-dimethylbutane	242	C6H12Br2	000594-81-0	4
5	2-Nitro-2-methyl-1,3-propanediol	135	C4H9NO4	000077-49-6	2





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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

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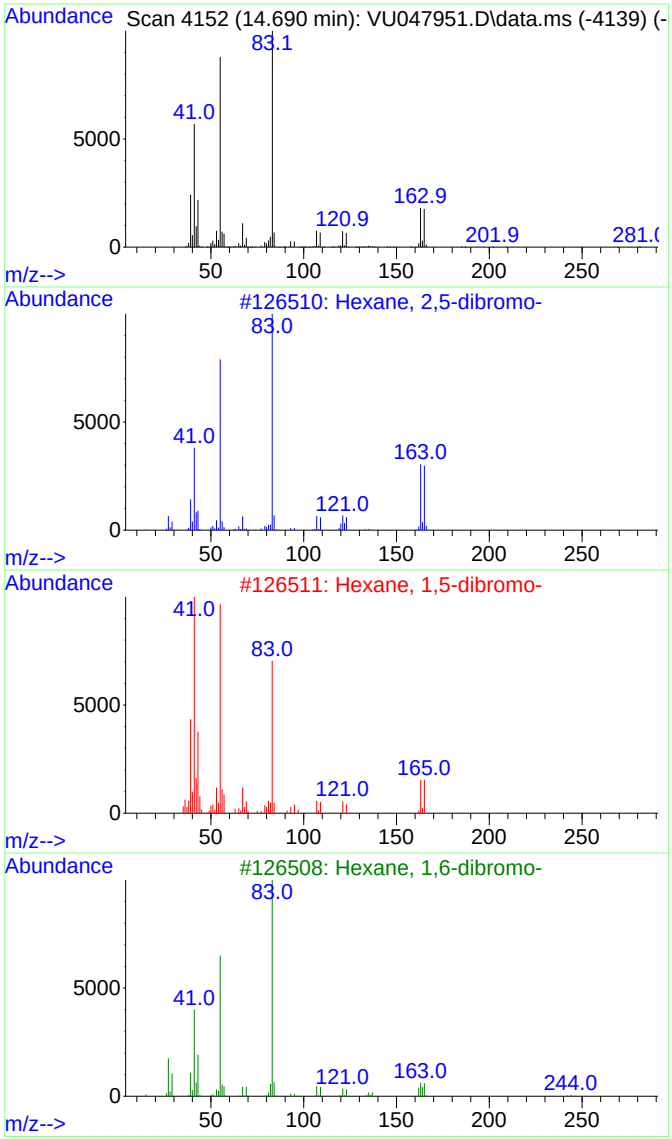
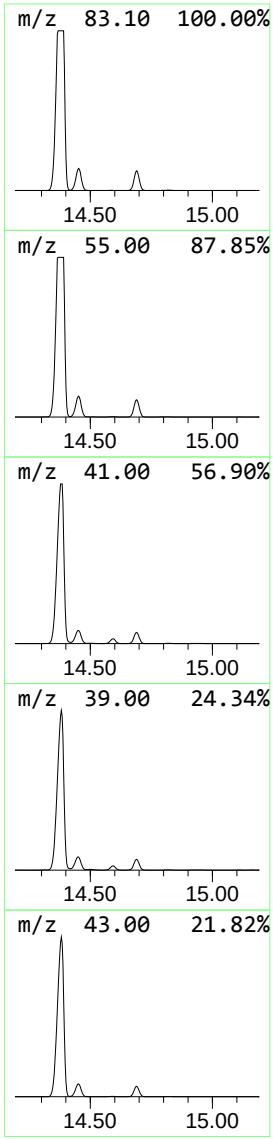
Peak Number 42 Cyclohexanamine, N-(2-hydro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.690	166.21 ug/L	7229170	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	91
2	Hexane, 1,5-dibromo-	242	C6H12Br2	000627-96-3	83
3	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	64
4	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	64
5	Cyclohexanamine, N-(2-hydroxypro...	171	C9H17NO2	160423-87-0	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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

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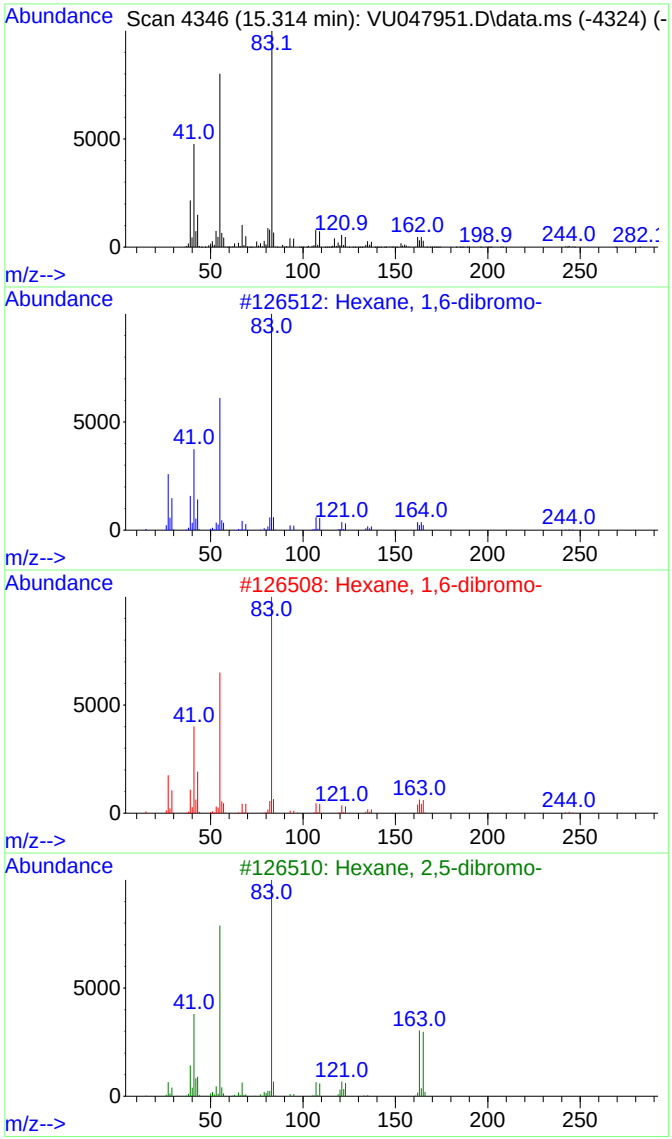
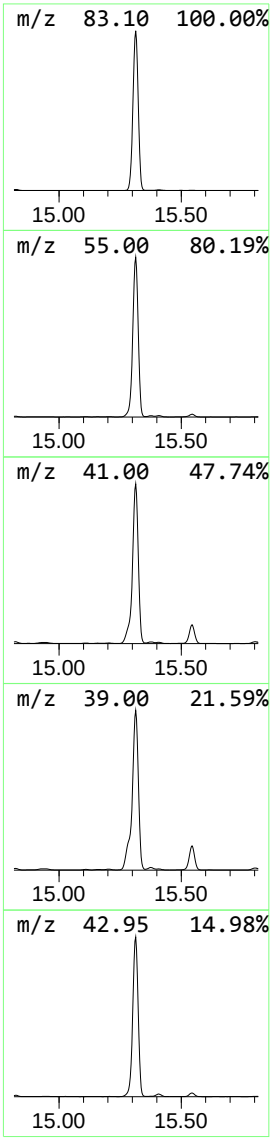
Peak Number 45 Cyclohexane, bromo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.314	509.41 ug/L	22156700	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	96
2	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	93
3	Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	78
4	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	64
5	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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

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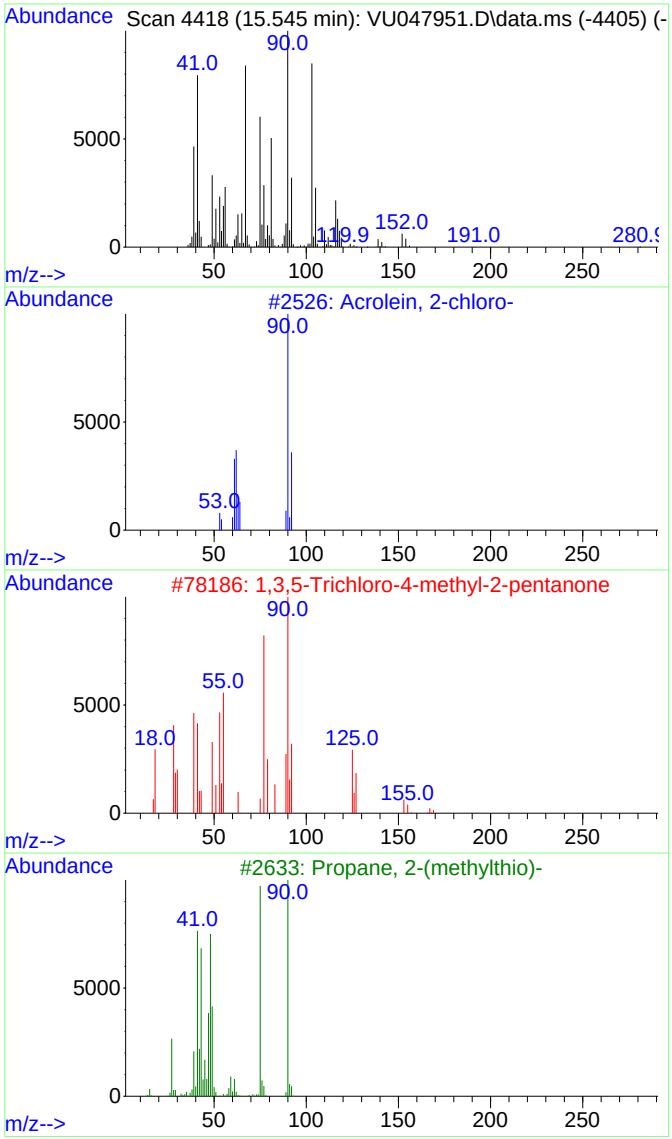
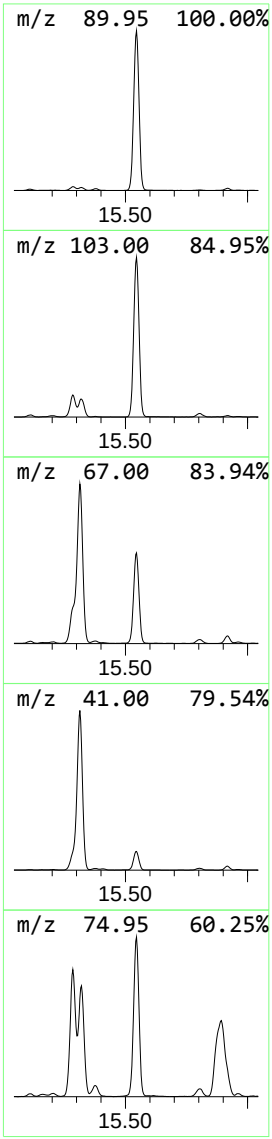
Peak Number 47 unknown-08 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.545	68.61 ug/L	2983980	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	37
2	1,3,5-Trichloro-4-methyl-2-penta...	202	C6H9Cl3O	1000140-03-8	25
3	Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	25
4	2,2-Bis(chloromethyl)-1-propanol	156	C5H10Cl2O	005355-54-4	23
5	Borane, chloro(dimethylamino)ethyl-	119	C4H11BClN	001739-26-0	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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

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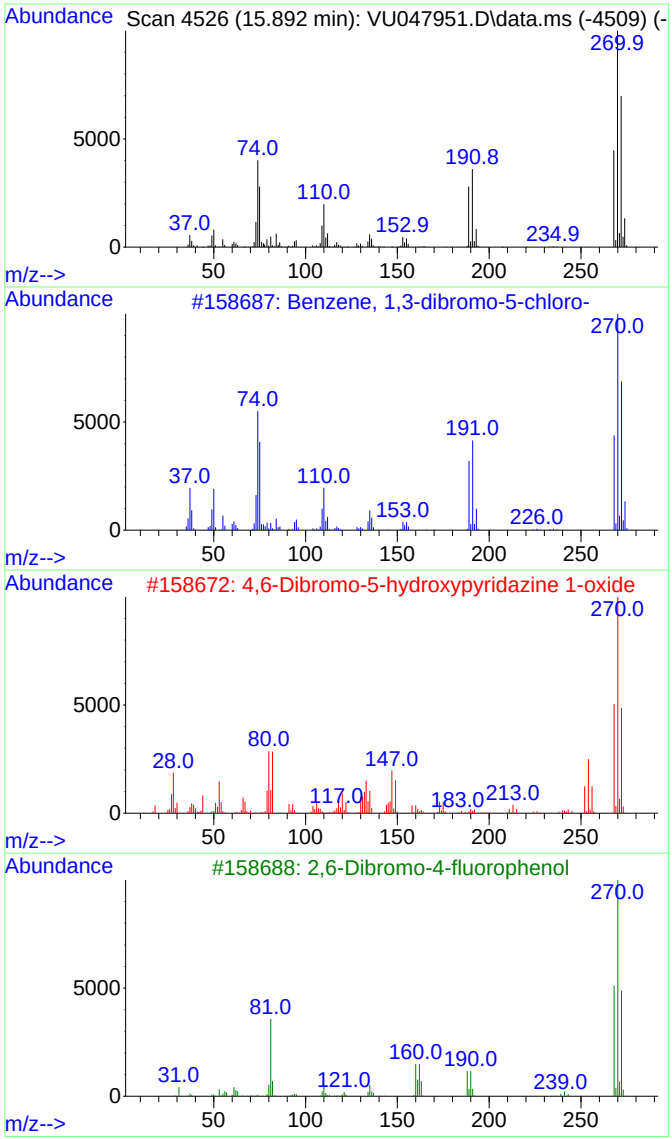
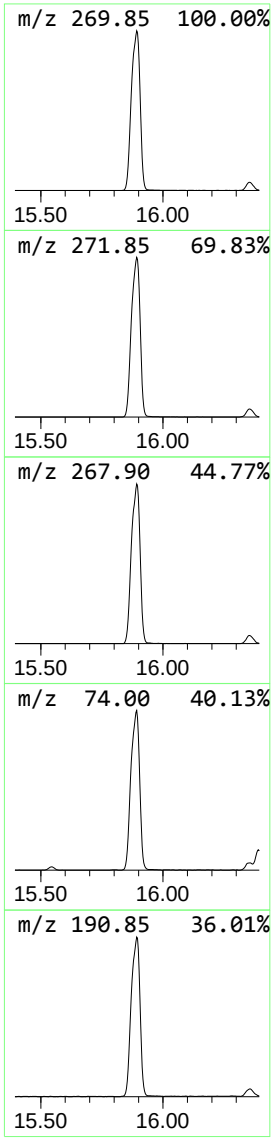
Peak Number 49 Benzene, 1,3-dibromo-5-chloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.893	77.21 ug/L	3358090	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dibromo-5-chloro-	268	C6H3Br2Cl	014862-52-3	91
2	4,6-Dibromo-5-hydroxypyridazine ...	268	C4H2Br2N2O2	019971-61-0	43
3	2,6-Dibromo-4-fluorophenol	268	C6H3Br2FO	000344-20-7	43
4	Pyrimidine, 4,6-dichloro-2-(meth...	270	C11H8Cl2N2S	064415-11-8	23
5	6-Bromo-7-methylbenzo(b)thiophen...	270	C10H7BrO2S	001678-69-9	20





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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

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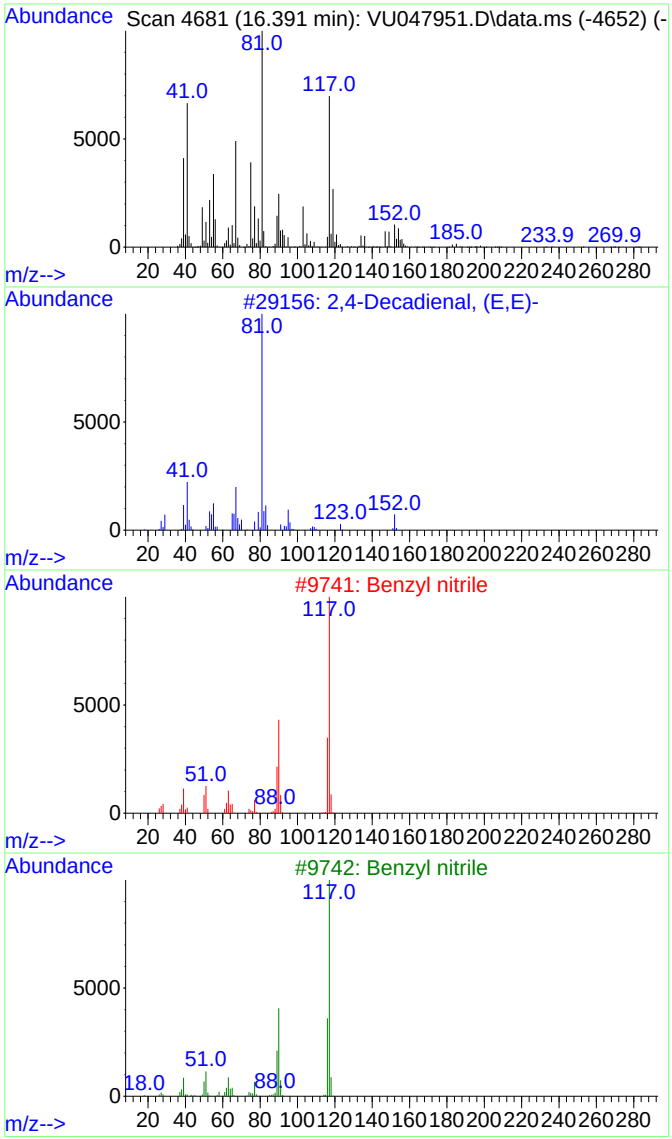
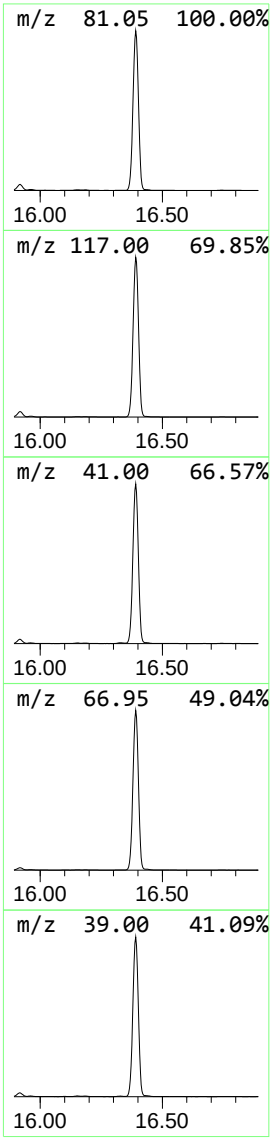
Peak Number 50 unknown-09 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.391	545.78 ug/L	23738600	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	35
2	Benzyl nitrile	117	C8H7N	000140-29-4	25
3	Benzyl nitrile	117	C8H7N	000140-29-4	25
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	16
5	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047951.D
Acq On : 12 Apr 2022 13:31
Operator : SY/MD
Sample : N2316-14
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.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
2-Propen-1-ol	4.121	132.8	ug/L	2790990	1	6.247	1050530	50.0
(DEL) Alkane: S...	5.578	15.7	ug/L	330654	1	6.247	1050530	50.0
(DEL) Alkane: S...	6.124	14.9	ug/L	312241	1	6.247	1050530	50.0
1-Propene, 3,3'...	6.472	97.0	ug/L	2037240	1	6.247	1050530	50.0
2H-Pyran, tetra...	7.497	14.4	ug/L	301883	1	6.247	1050530	50.0
unknown-01	8.263	14.3	ug/L	3095000	2	9.423	10843100	50.0
1-Hexene, 6-chl...	9.369	13.6	ug/L	2949260	2	9.423	10843100	50.0
Propane, 1-brom...	9.947	16.4	ug/L	3555640	2	9.423	10843100	50.0
1,5-Dibromo-3-m...	10.661	197.6	ug/L	8593370	3	11.816	2174750	50.0
Propane, 1,3-di...	11.182	14.6	ug/L	634129	3	11.816	2174750	50.0
1-Propene, 1,3-...	11.960	11.4	ug/L	495175	3	11.816	2174750	50.0
Cyclopropane, 2...	12.475	213.1	ug/L	9268430	3	11.816	2174750	50.0
unknown-02	12.616	11.2	ug/L	487890	3	11.816	2174750	50.0
unknown-03	12.713	208.6	ug/L	9071290	3	11.816	2174750	50.0
Cyclohexane, (2...	12.902	11.2	ug/L	485503	3	11.816	2174750	50.0
Benzene, 1-brom...	12.979	1765.7	ug/L	76797400	3	11.816	2174750	50.0
Hexane, 1,2-dib...	13.169	166.2	ug/L	7229590	3	11.816	2174750	50.0
Benzene, 1-brom...	13.339	1759.1	ug/L	76510300	3	11.816	2174750	50.0
Hexane, 1,6-dic...	13.397	2962.9	ug/L	128870000	3	11.816	2174750	50.0
Hexane, 1,6-dib...	13.487	423.9	ug/L	18436600	3	11.816	2174750	50.0
3,3-Dimethylhex...	13.719	464.8	ug/L	20214200	3	11.816	2174750	50.0
unknown-04	13.864	15.3	ug/L	666153	3	11.816	2174750	50.0
unknown-05	13.967	115.8	ug/L	5036670	3	11.816	2174750	50.0
2-Bromopropioni...	14.381	3391.4	ug/L	147508000	3	11.816	2174750	50.0
Hexane, 2,5-dib...	14.449	252.7	ug/L	10990100	3	11.816	2174750	50.0
unknown-06	14.500	19.1	ug/L	830254	3	11.816	2174750	50.0
unknown-07	14.594	41.0	ug/L	1782650	3	11.816	2174750	50.0
Cyclohexanamine...	14.690	166.2	ug/L	7229170	3	11.816	2174750	50.0
Cyclohexane, br...	15.314	509.4	ug/L	22156700	3	11.816	2174750	50.0
unknown-08	15.545	68.6	ug/L	2983980	3	11.816	2174750	50.0
Benzene, 1,3-di...	15.893	77.2	ug/L	3358090	3	11.816	2174750	50.0
unknown-09	16.391	545.8	ug/L	23738600	3	11.816	2174750	50.0