LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 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: VU047932.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.359	3	6	28	rVB	106697	100823	0.38%	0.078%
2	1.601	73	81	95	rBV	107182	135306	0.51%	0.104%
3	1.903	168	175	193	rVB	96542	137336	0.52%	0.106%
4	2.565	369	381	398	rBV	201537	335104	1.27%	0.258%
5	2.951	497	501	506	rBV4	711	730	0.00%	0.001%
6	3.041	522	529	530	rBV4	1348	1202	0.00%	0.001%
7	3.221	581	585	586	rVV	688	488	0.00%	0.000%
8	3.234	586	589	598	rVV3	1164	1574	0.01%	0.001%
9	3.266	598	599	609	rVB2	601	523	0.00%	0.000%
10	3.363	620	629	637	rVB5	1695	2966	0.01%	0.002%
11	3.443	651	654	656	rBV2	596	410	0.00%	0.000%
12	3.700	724	734	750	rVB4	6260	13245	0.05%	0.010%
13	4.006	815	829	857	rBV3	58474	212454	0.81%	0.164%
14	4.626	1009	1022	1054	rBV	128492	329504	1.25%	0.254%
15	4.999	1133	1138	1140	rBV2	623	451	0.00%	0.000%
16	5.063	1142	1158	1178	rBV	200712	446044	1.70%	0.343%
17	5.224	1197	1208	1209	rBV5	3854	6098	0.02%	0.005%
18	5.726	1344	1364	1373	rBV2	410827	1126944	4.29%	0.867%
19	6.250	1514	1527	1544	rBV	484480	902133	3.43%	0.694%
20	6.472	1584	1596	1609	rBV	84502	155885	0.59%	0.120%
21	6.694	1650	1665	1681	rBV	261655	509068	1.94%	0.392%
22	6.909	1726	1732	1735	rBV3	575	602	0.00%	0.000%
23	6.925	1735	1737	1743	rVB3	631	405	0.00%	0.000%
24	7.050	1769	1776	1782	rBV4	712	1060	0.00%	0.001%
25	7.182	1807	1817	1830	rBV5	3221	6411	0.02%	0.005%
26	7.440	1891	1897	1903	rVV6	1081	1714	0.01%	0.001%
27	7.491	1903	1913	1925	rVV3	16702	29876	0.11%	0.023%
28	7.568	1925	1937	1960	rVB	129333	228935	0.87%	0.176%
29	7.690	1968	1975	1984	rVB5	1626	2687	0.01%	0.002%
30	7.800	2005	2009	2013	rVB3	763	675	0.00%	0.001%
31	7.899	2025	2040	2052	rBV	471633	814400	3.10%	0.627%
32	7.973	2053	2063	2083	rVB2	118123	239575	0.91%	0.184%
33	8.115	2105	2107	2115	rBV4	417	515	0.00%	0.000%
34	8.179	2115	2127	2137	rBV	90689	153049	0.58%	0.118%
35	8.240	2137	2146	2157	rBV	105828	186824	0.71%	0.144%
36	8.575	2237	2250	2259	rBV	141760	241815	0.92%	0.186%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
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Sample : N2316-14 10X
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ALS Vial : 40 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	8.636	2259	2269	2294	rVB	431768	746966	2.84%	0.575%
38	8.896	2344	2350	2355	rBV5	1419	1784	0.01%	0.001%
39	9.012	2383	2386	2387	rBV	626	410	0.00%	0.000%
40	9.054	2397	2399	2408	rVB2	378	405	0.00%	0.000%
41	9.176	2428	2437	2445	rBV6	2859	3972	0.02%	0.003%
42	9.362	2483	2495	2502	rBV2	105683	186798	0.71%	0.144%
43	9.417	2503	2512	2519	rBV	680566	1201821	4.57%	0.925%
44	9.581	2552	2563	2591	rVB	100531	213663	0.81%	0.164%
45	9.697	2592	2599	2603	rBV5	3996	6512	0.02%	0.005%
46	9.857	2644	2649	2651	rBV4	783	719	0.00%	0.001%
47	9.938	2662	2674	2692	rVB	165585	277504	1.06%	0.214%
48	10.102	2716	2725	2735	rBV6	3546	7046	0.03%	0.005%
49	10.156	2735	2742	2743	rBV4	2245	2296	0.01%	0.002%
50	10.407	2814	2820	2824	rBV5	740	986	0.00%	0.001%
51	10.491	2842	2846	2850	rVB2	536	442	0.00%	0.000%
52	10.587	2855	2876	2885	rBV3	35365	87133	0.33%	0.067%
53	10.655	2886	2897	2917	rVB2	294960	475317	1.81%	0.366%
54	10.780	2917	2936	2952	rBV2	639561	1676198	6.38%	1.290%
55	10.973	2991	2996	2997	rBV3	1374	1139	0.00%	0.001%
56	11.092	3028	3033	3037	rBV5	1280	1474	0.01%	0.001%
57	11.176	3049	3059	3072	rVV2	28005	46770	0.18%	0.036%
58	11.253	3078	3083	3090	rBV4	741	946	0.00%	0.001%
59	11.375	3114	3121	3130	rVB6	2554	4217	0.02%	0.003%
60	11.475	3141	3152	3161	rBV7	9265	18173	0.07%	0.014%
61	11.578	3180	3184	3185	rBV	750	474	0.00%	0.000%
62	11.632	3194	3201	3203	rBV5	860	1008	0.00%	0.001%
63	11.716	3218	3227	3234	rBV3	8552	13674	0.05%	0.011%
64	11.812	3243	3257	3278	rBV	858391	1381426	5.26%	1.063%
65	11.957	3291	3302	3314	rVB	13468	32184	0.12%	0.025%
66	12.025	3314	3323	3331	rBV8	6741	11219	0.04%	0.009%
67	12.105	3340	3348	3349	rBV4	2688	2929	0.01%	0.002%
68	12.195	3363	3376	3395	rVB2	620561	1162099	4.42%	0.894%
69	12.471	3449	3462	3481	rVB	440708	706042	2.69%	0.543%
70	12.613	3498	3506	3519	rVB9	10780	21873	0.08%	0.017%
71	12.706	3522	3535	3545	rBV	513609	771702	2.94%	0.594%
72	12.857	3570	3582	3587	rBV10	13037	25944	0.10%	0.020%
73	12.970	3603	3617	3645	rVB	3839962	6109716	23.24%	4.703%
74	13.086	3646	3653	3663	rVB4	20364	31643	0.12%	0.024%
75	13.163	3665	3677	3687	rBV	349363	534775	2.03%	0.412%
76	13.327	3715	3728	3736	rBV	4068436	6616387	25.17%	5.093%

LSC Area Percent Report

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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

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Peak separation: 5

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

77	13.378	3736	3744	3760	rVV	8511618	12634729	48.07%	9.725%
78	13.475	3762	3774	3798	rVB2	884195	1509289	5.74%	1.162%
79	13.713	3829	3848	3865	rBV	1164724	1814432	6.90%	1.397%
80	13.963	3914	3926	3936	rBV	244527	402593	1.53%	0.310%
81	14.272	4017	4022	4026	rBV3	5221	6486	0.02%	0.005%
82	14.362	4036	4050	4064	rBV	17811006	26284337	100.00%	20.231%
83	14.439	4066	4074	4084	rVV3	742110	1245404	4.74%	0.959%
84	14.494	4085	4091	4108	rVB2	84190	139360	0.53%	0.107%
85	14.590	4110	4121	4137	rVB	455513	699638	2.66%	0.539%
86	14.687	4139	4151	4165	rBV	932717	1413591	5.38%	1.088%
87	14.886	4205	4213	4220	rBV2	27377	41419	0.16%	0.032%
88	15.108	4273	4282	4290	rBV3	45468	70984	0.27%	0.055%
89	15.159	4291	4298	4305	rBV3	23348	39808	0.15%	0.031%
90	15.204	4307	4312	4322	rVB3	35926	52951	0.20%	0.041%
91	15.314	4324	4346	4358	rBV	11539923	19461888	74.04%	14.980%
92	15.375	4359	4365	4371	rBV	161946	225803	0.86%	0.174%
93	15.545	4406	4418	4434	rVB	3730370	5705374	21.71%	4.391%
94	15.803	4487	4498	4509	rBV	257687	453243	1.72%	0.349%
95	15.896	4509	4527	4542	rBV2	1293812	4169568	15.86%	3.209%
96	16.095	4580	4589	4598	rBV3	105912	173410	0.66%	0.133%
97	16.153	4599	4607	4612	rBV2	88058	136589	0.52%	0.105%
98	16.333	4652	4663	4668	rBV	144020	272444	1.04%	0.210%
99	16.391	4669	4681	4714	rVB	15274983	24014955	91.37%	18.484%
100	17.259	4943	4951	4965	rVB2	152604	241374	0.92%	0.186%

Sum of corrected areas: 129922286

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
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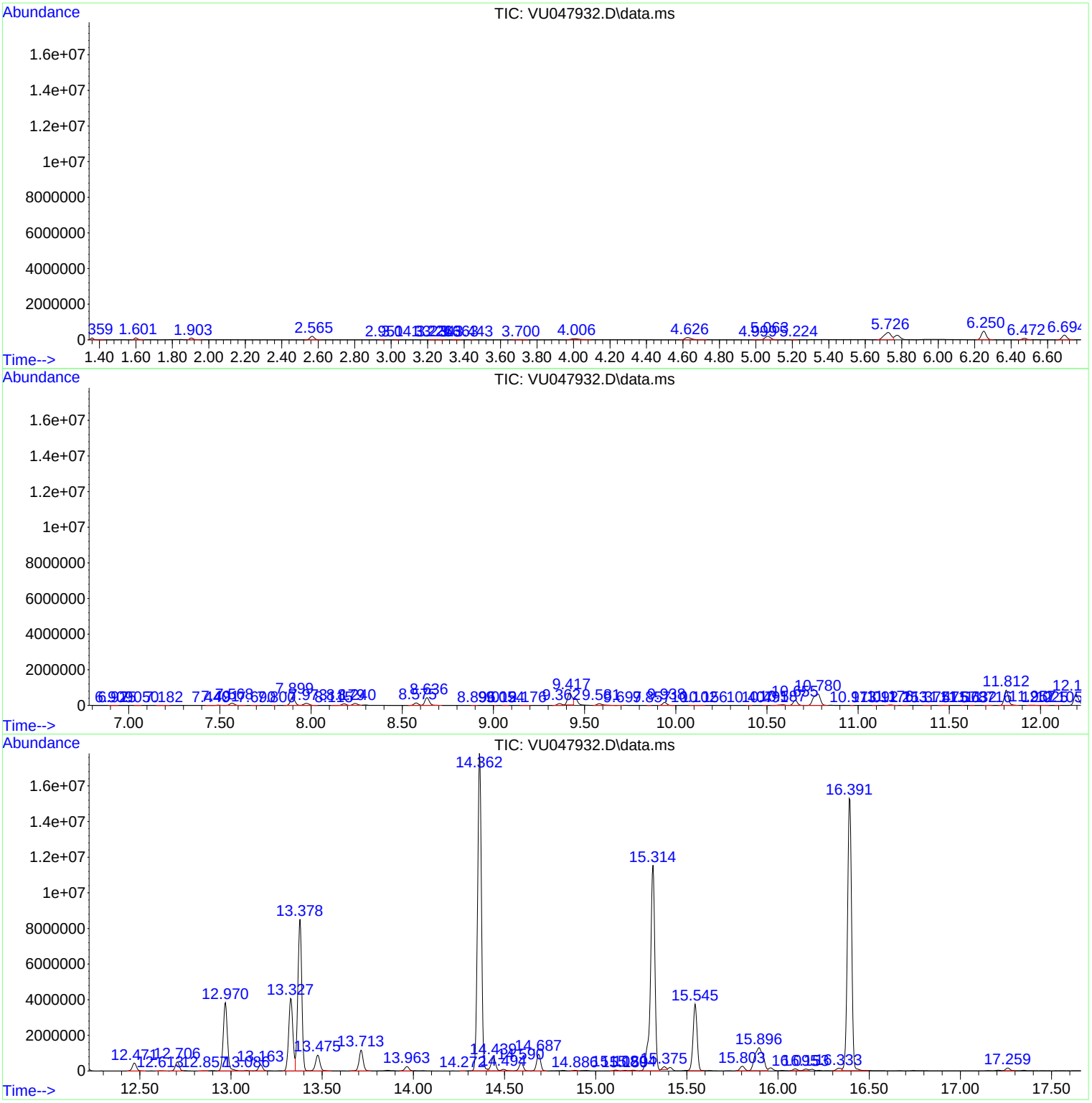
ALS Vial : 40 Sample Multiplier: 1

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\VU041122\
Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
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ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

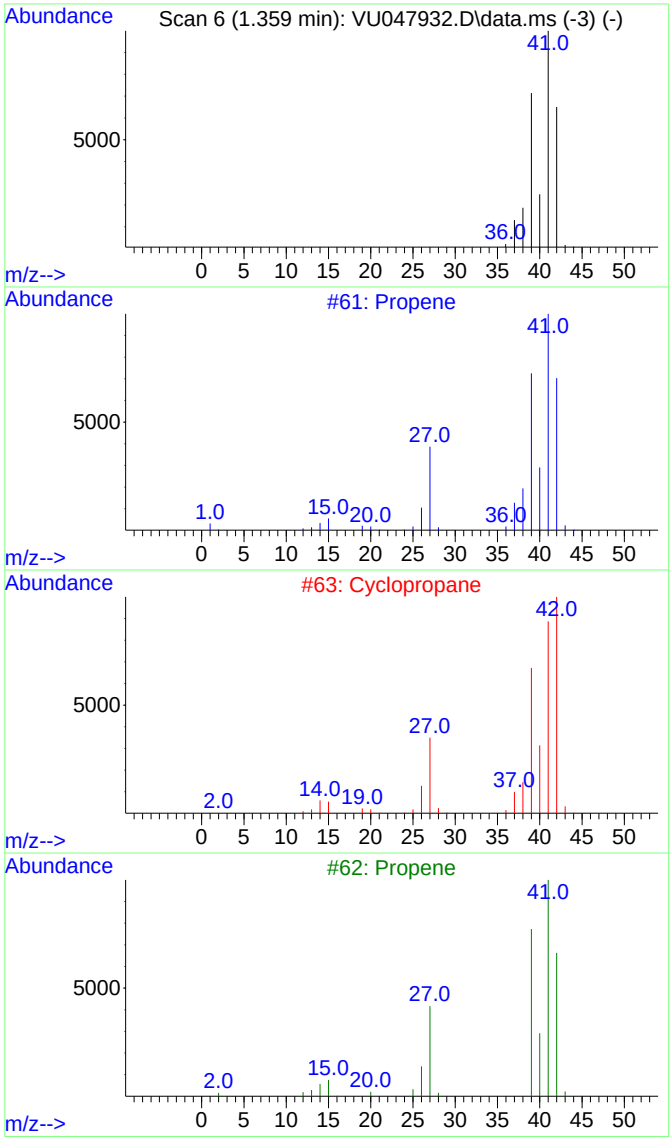
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

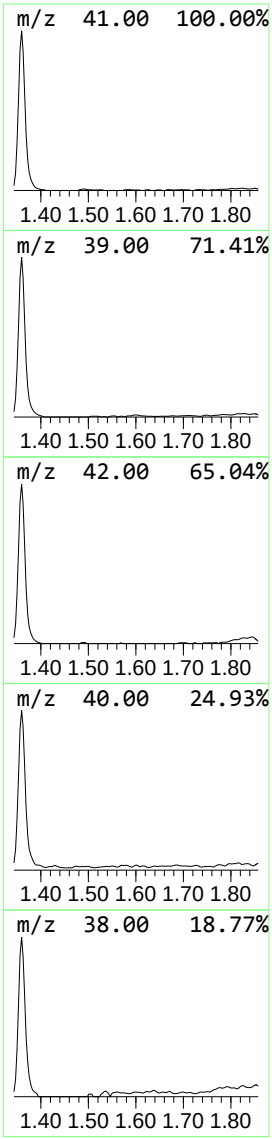
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.359	5.59 ug/L	100823	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Cyclopropane	42	C3H6	000075-19-4	78
3	Propene	42	C3H6	000115-07-1	50
4	Cyclopropane	42	C3H6	000075-19-4	25
5	Cyclopropene	40	C3H4	002781-85-3	16





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
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Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

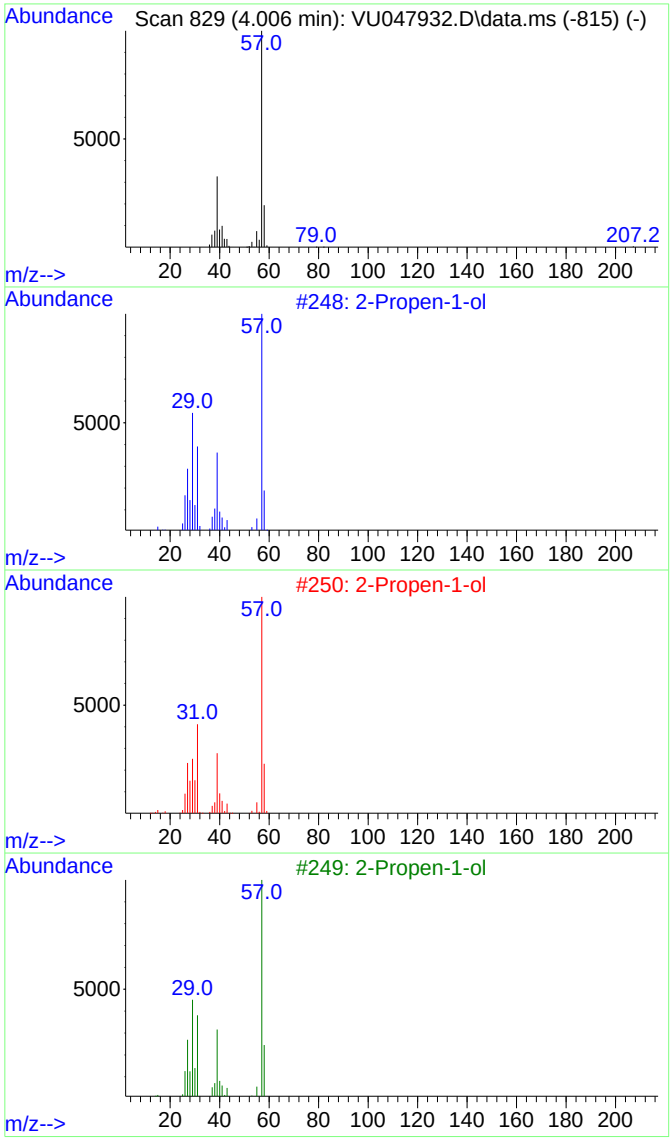
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

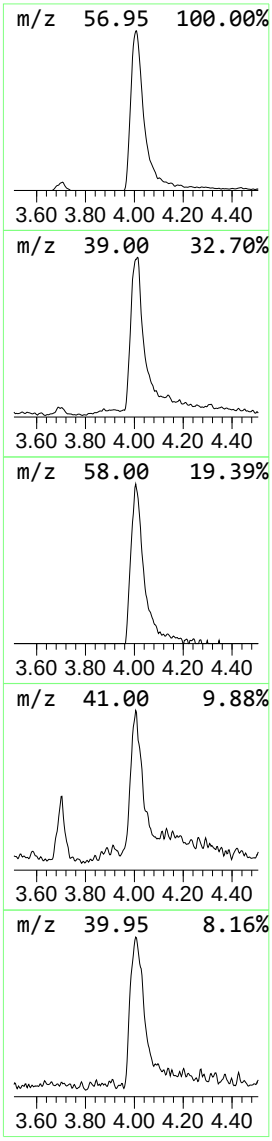
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Propen-1-ol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.006	11.78 ug/L	212454	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-ol	58	C3H6O	000107-18-6	53
2	2-Propen-1-ol	58	C3H6O	000107-18-6	50
3	2-Propen-1-ol	58	C3H6O	000107-18-6	40
4	Formic acid, 2-propenyl ester	86	C4H6O2	001838-59-1	9
5	2-Propyn-1-ol, propionate	112	C6H8O2	001932-92-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
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Acq On : 12 Apr 2022 01:42
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Instrument :
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ClientSampleId :
ETNR4

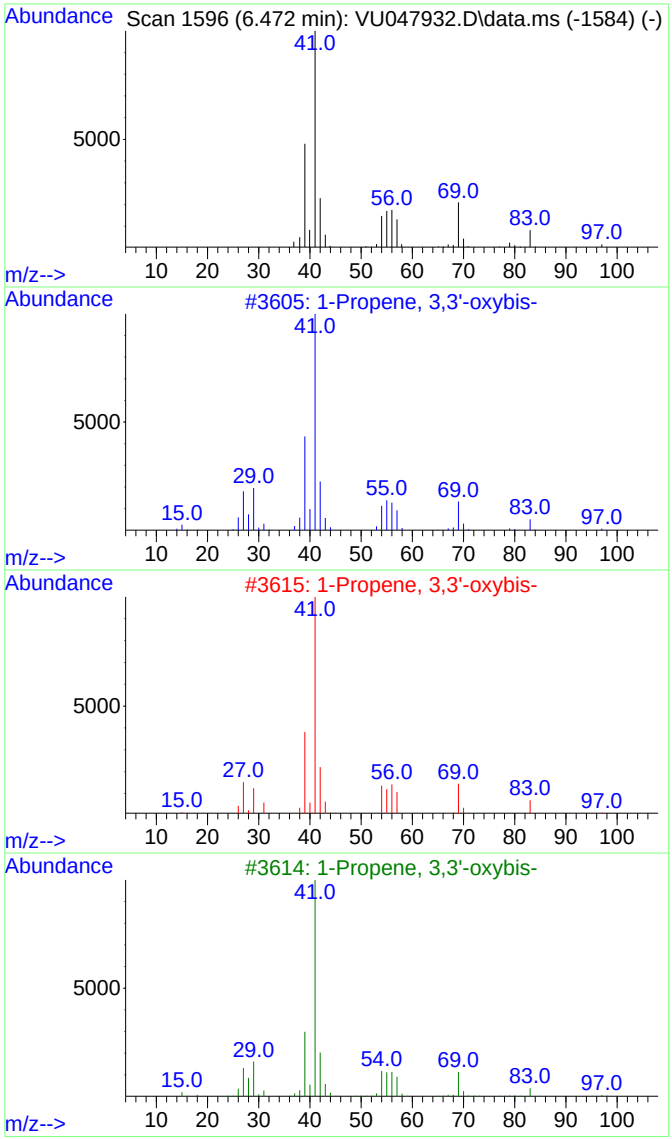
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

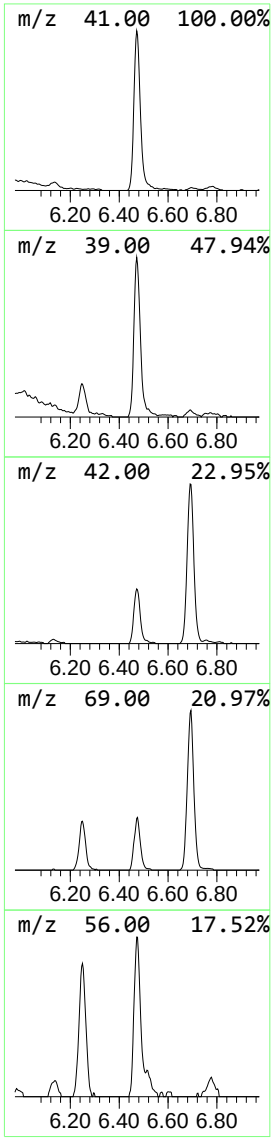
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Propene, 3,3'-oxybis- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.472	8.64 ug/L	155885	1,4-Difluorobenzene	6.250

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	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	47
4	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	40
5	4-Heptenal, (Z)-	112	C7H12O	006728-31-0	39





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Data File : VU047932.D
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Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

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

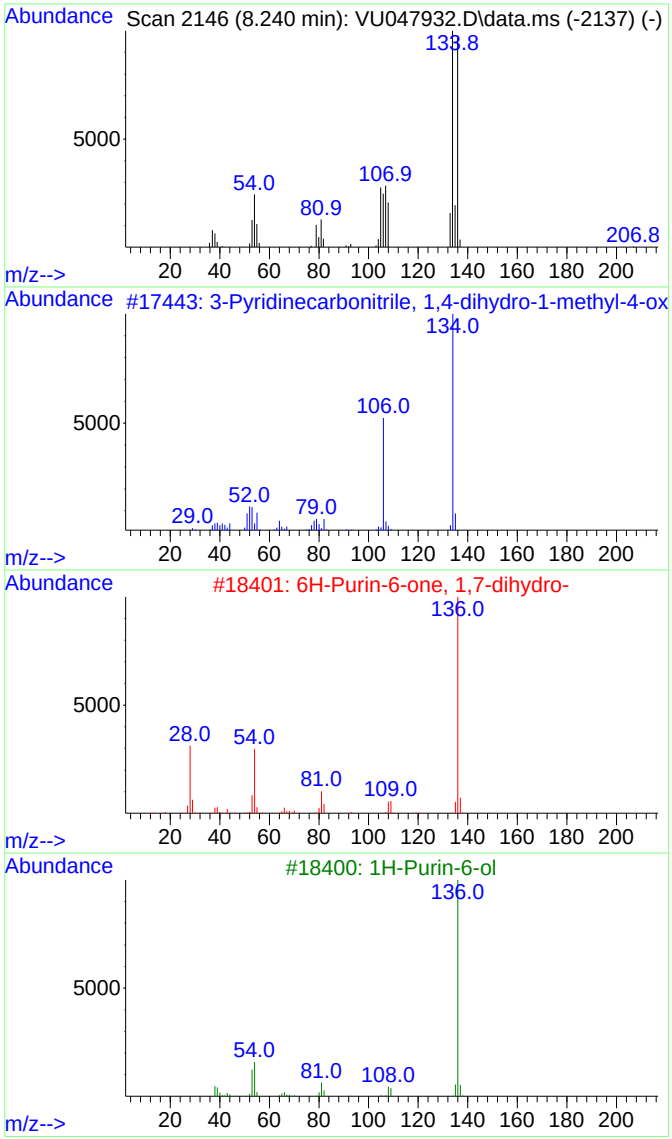
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

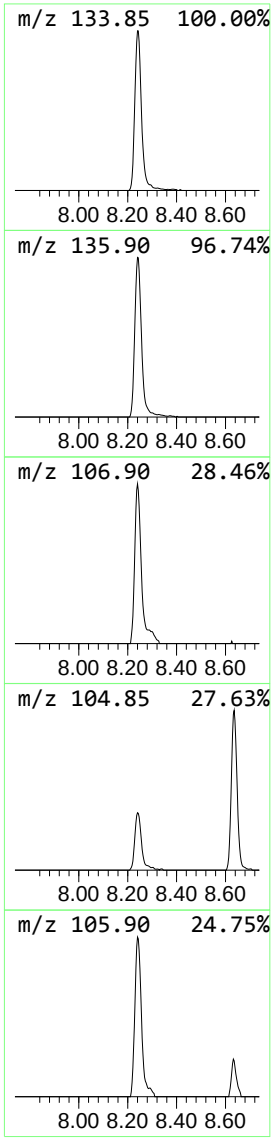
****

Peak Number 5 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.240	7.77 ug/L	186824	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyridinecarbonitrile, 1,4-dihy...	134	C7H6N2O	000767-98-6	25
2	6H-Purin-6-one, 1,7-dihydro-	136	C5H4N4O	000068-94-0	22
3	1H-Purin-6-ol	136	C5H4N4O	095121-06-5	22
4	1H-Imidazo(4,5-d)pyridazin-7-ol	136	C5H4N4O	028682-94-2	22
5	6H-Purin-6-one, 1,7-dihydro-	136	C5H4N4O	000068-94-0	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

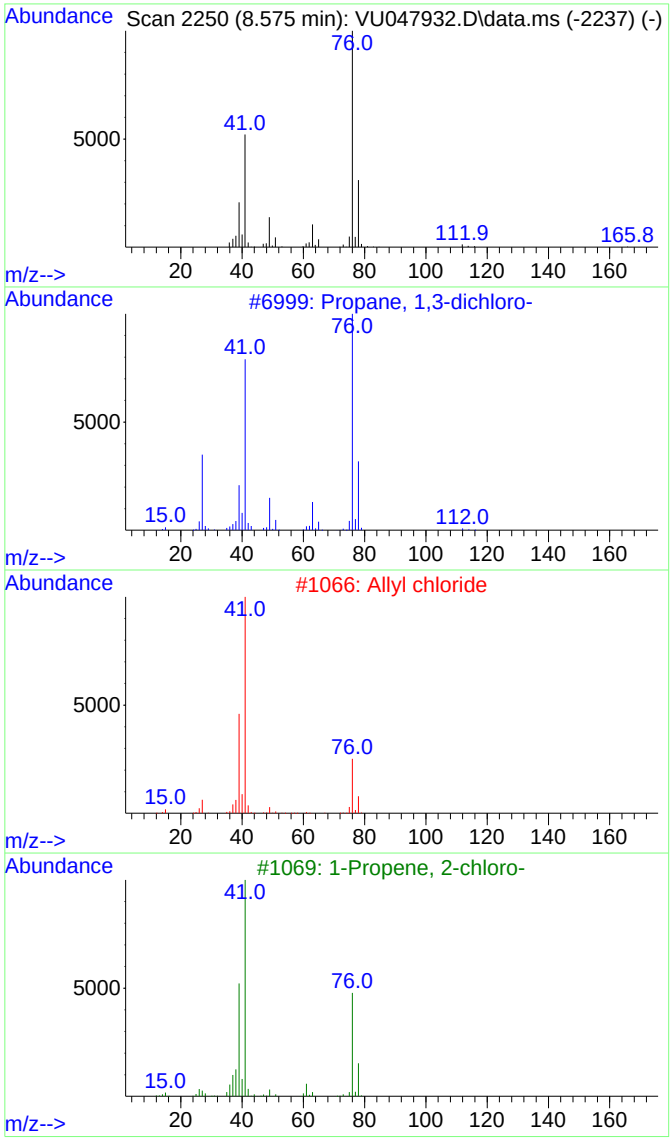
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

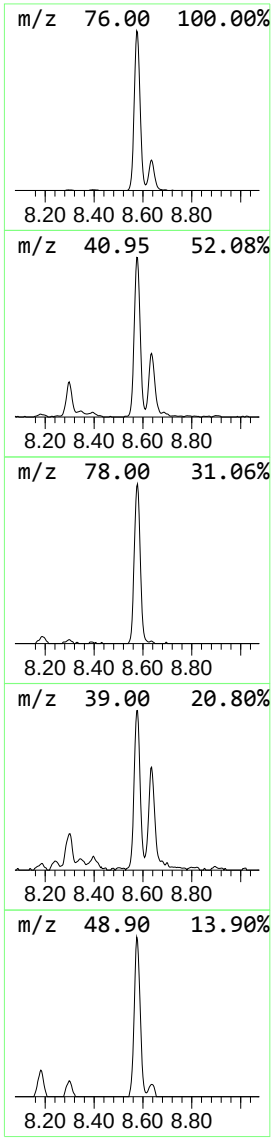
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Propane, 1,3-dichloro- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.575	10.06 ug/L	241815	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	91
2	Allyl chloride	76	C3H5Cl	000107-05-1	86
3	1-Propene, 2-chloro-	76	C3H5Cl	000557-98-2	64
4	Propanal, 2,3-dichloro-2-methyl-	140	C4H6Cl2O	010141-22-7	64
5	1H-Imidazole, 5-chloro-1-methyl-...	161	C4H4ClN3O2	004897-25-0	43





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Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

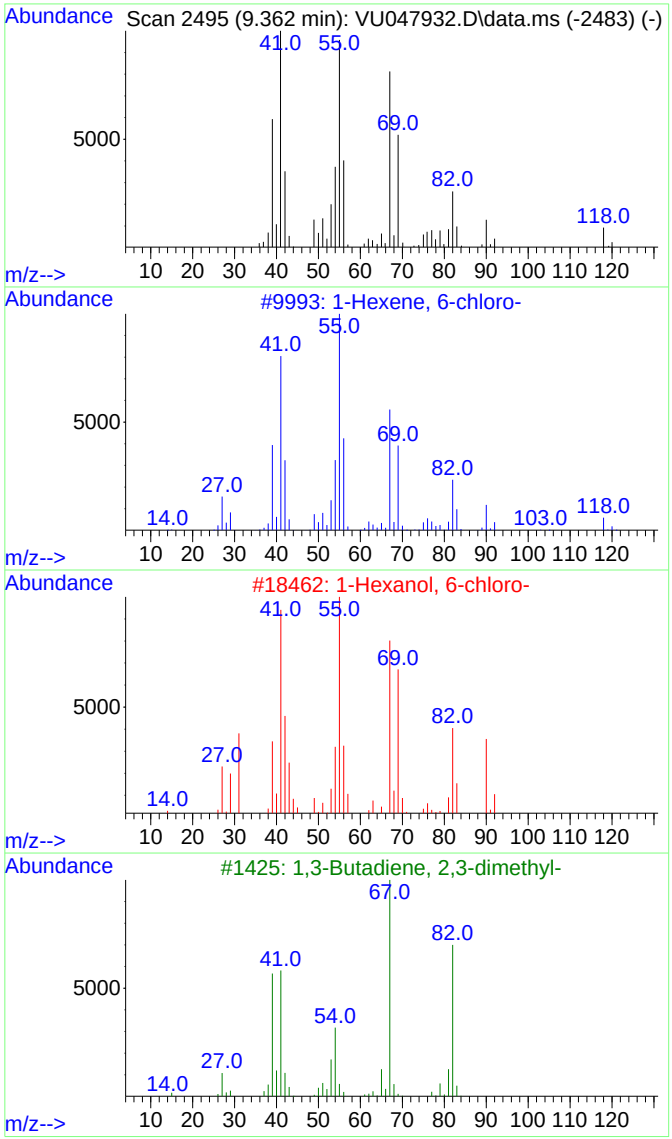
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

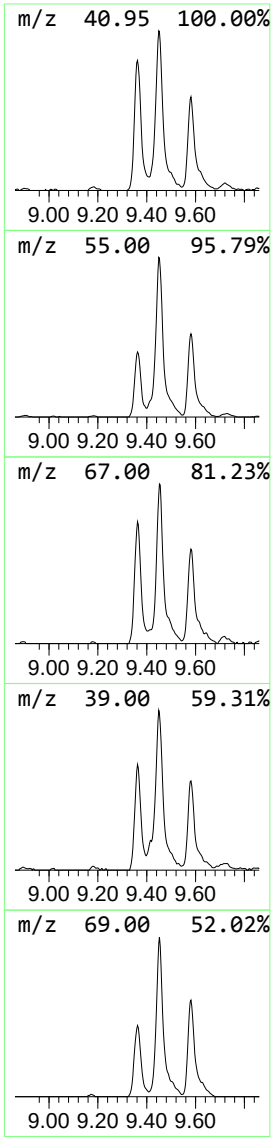
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Hexene, 6-chloro- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.362	7.77 ug/L	186798	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 6-chloro-	118	C6H11Cl	000928-89-2	95
2	1-Hexanol, 6-chloro-	136	C6H13ClO	002009-83-8	72
3	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	47
4	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	46
5	1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	46





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Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

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

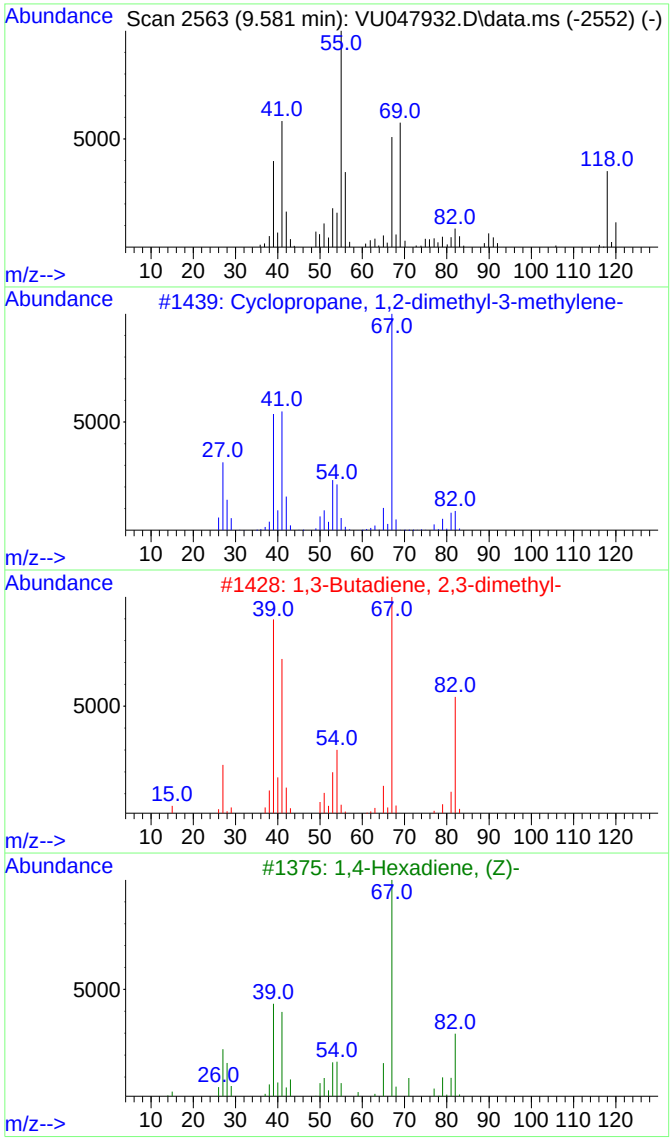
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

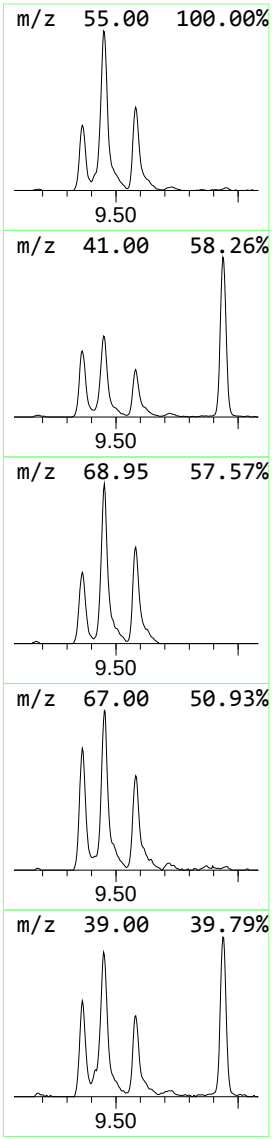
****

Peak Number 8 unknown-02 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.581	8.89 ug/L	213663	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	38
2	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	35
3	1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	32
4	1,5-Heptadiene, (E)-	96	C7H12	007736-22-3	27
5	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	22





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Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

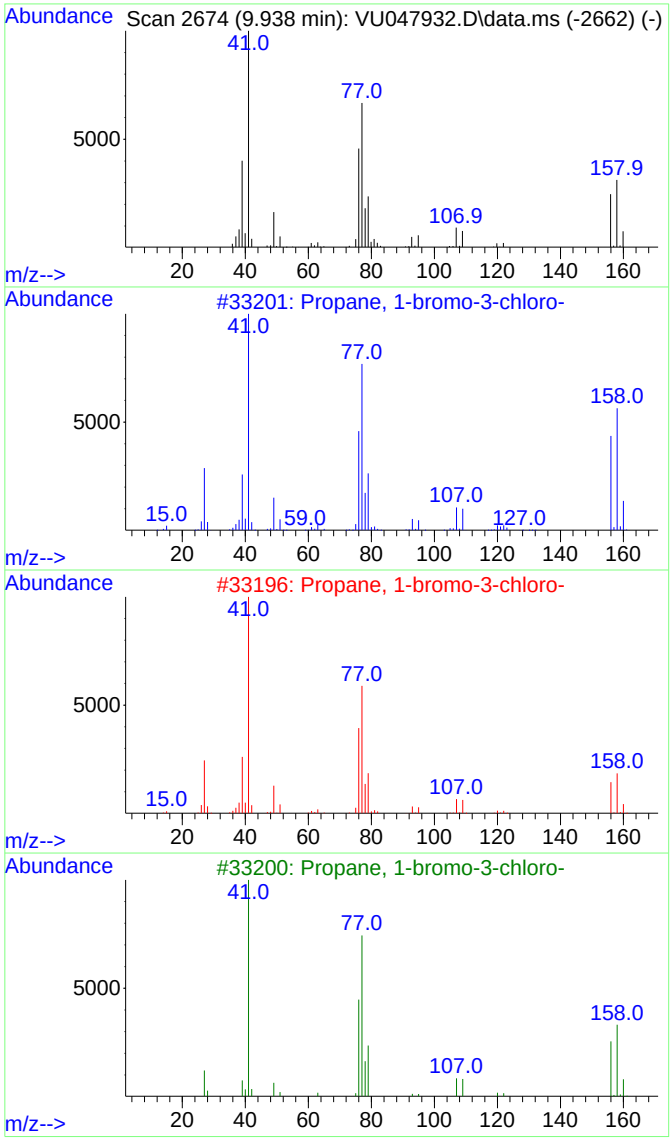
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

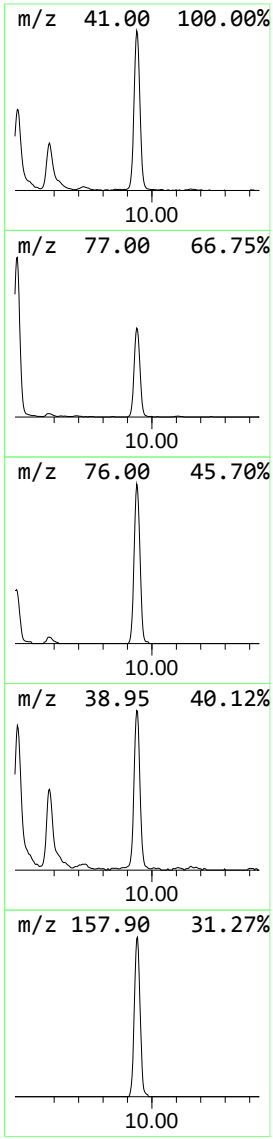
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Propane, 1-bromo-3-chloro- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.938	11.55 ug/L	277504	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-bromo-3-chloro-	156	C3H6BrCl	000109-70-6	95
2	Propane, 1-bromo-3-chloro-	156	C3H6BrCl	000109-70-6	94
3	Propane, 1-bromo-3-chloro-	156	C3H6BrCl	000109-70-6	94
4	Propane, 1-bromo-3-chloro-	156	C3H6BrCl	000109-70-6	64
5	Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	43





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Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

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

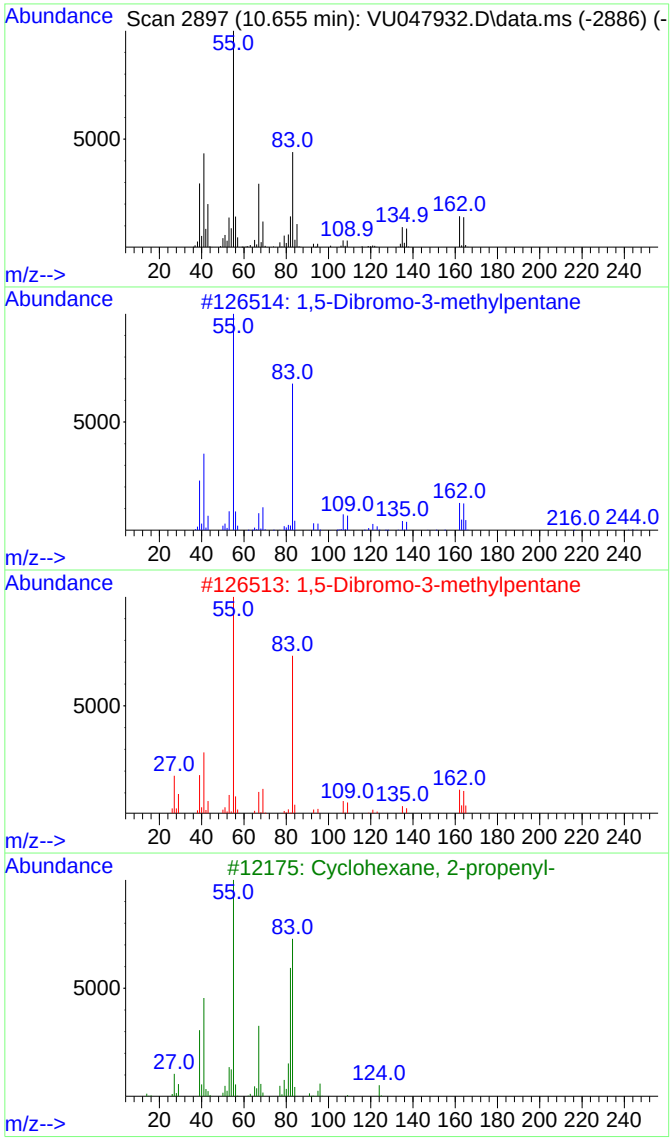
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

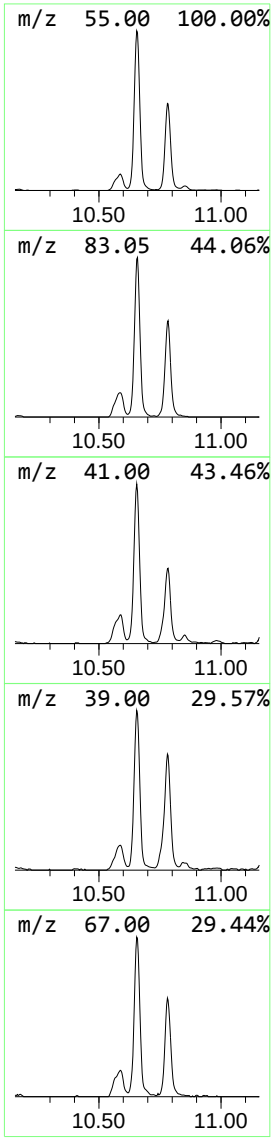
****

Peak Number 11 1,5-Dibromo-3-methylpentane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.655	17.20 ug/L	475317	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Dibromo-3-methylpentane	242	C6H12Br2	004457-72-1	50
2	1,5-Dibromo-3-methylpentane	242	C6H12Br2	004457-72-1	50
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47
4	1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	47
5	1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	40





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Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

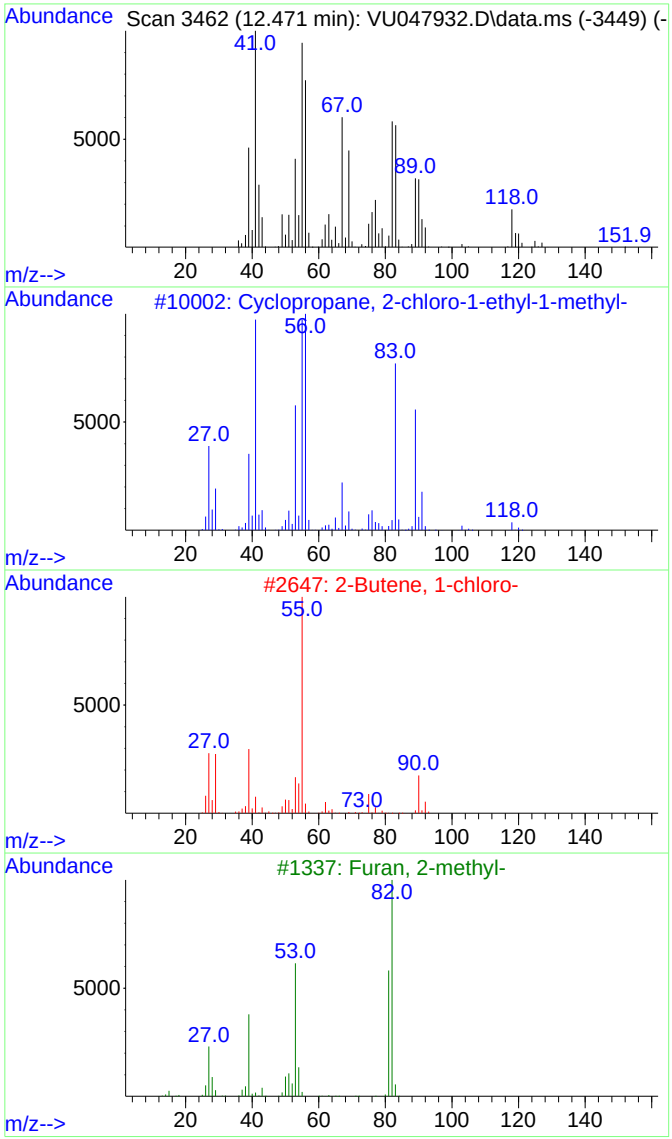
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

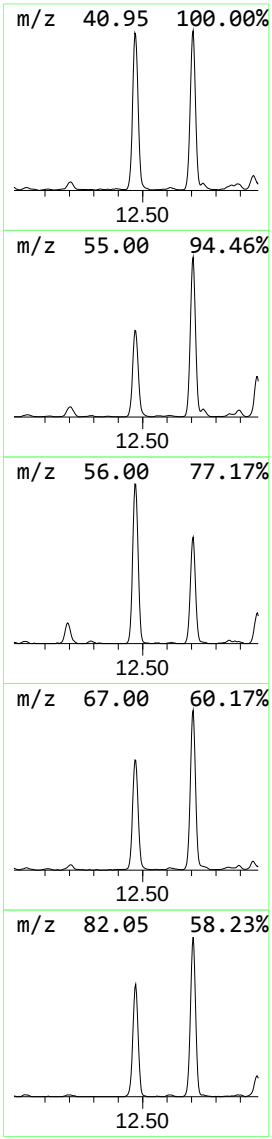
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopropane, 2-chloro-1-et... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.472	25.55 ug/L	706042	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 2-chloro-1-ethyl-1...	118	C6H11Cl	343926-09-0	50
2	2-Butene, 1-chloro-	90	C4H7Cl	000591-97-9	38
3	Furan, 2-methyl-	82	C5H6O	000534-22-5	38
4	2-Hexyne	82	C6H10	000764-35-2	38
5	Furan, 2-methyl-	82	C5H6O	000534-22-5	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

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

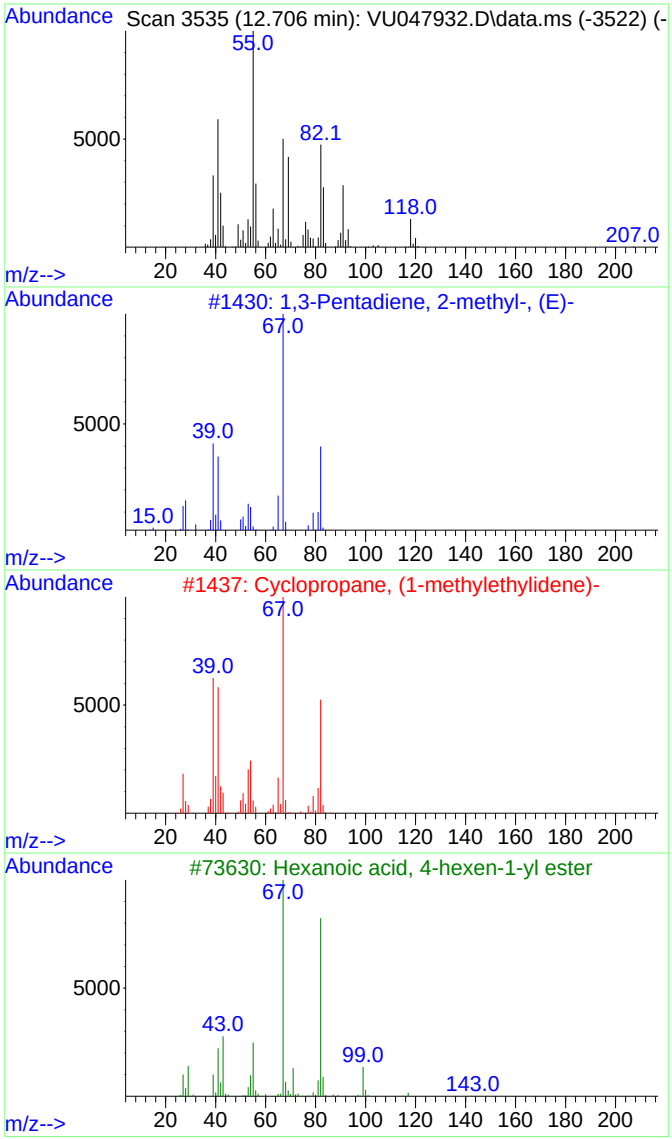
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

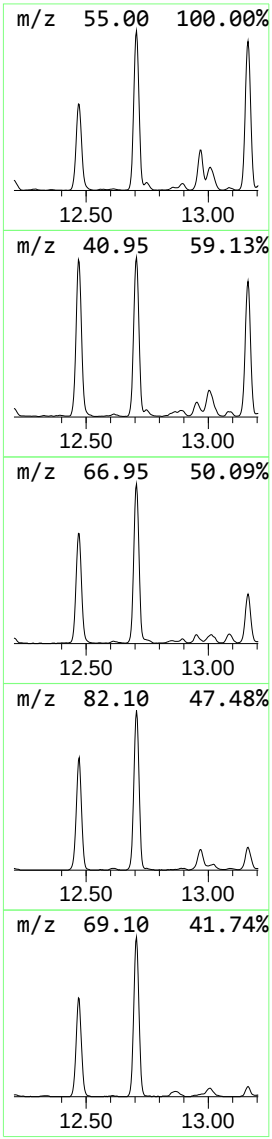
****

Peak Number 13 unknown-03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.706	27.93 ug/L	771702	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	38
2	Cyclopropane, (1-methylethylidene)-	82	C6H10	004741-86-0	35
3	Hexanoic acid, 4-hexen-1-yl ester	198	C12H22O2	088552-98-1	35
4	Ethylidenecyclobutane	82	C6H10	001528-21-8	35
5	3-Hexyne	82	C6H10	000928-49-4	35





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Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

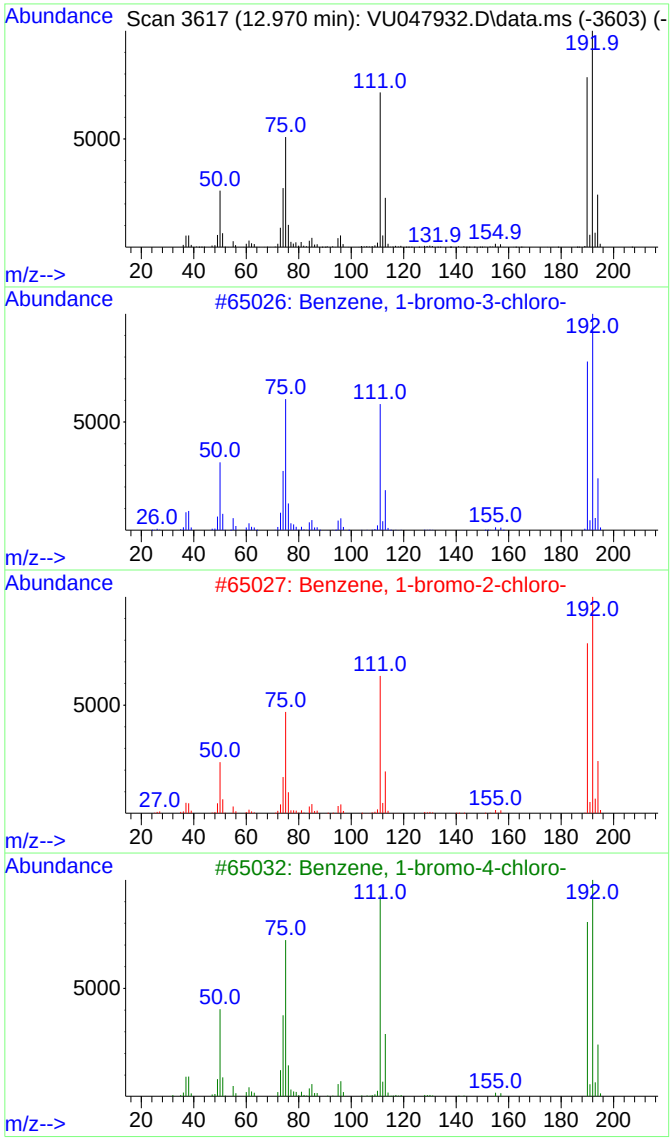
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

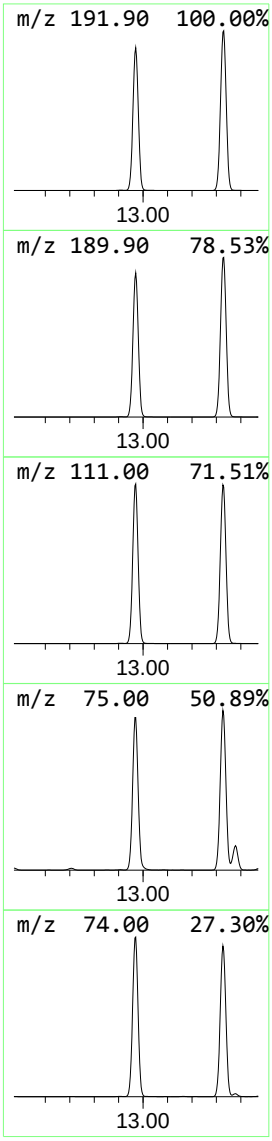
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-bromo-3-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.970	221.14 ug/L	6109720	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	99
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-2-chloro-	190	C6H4BrCl	000694-80-4	98
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

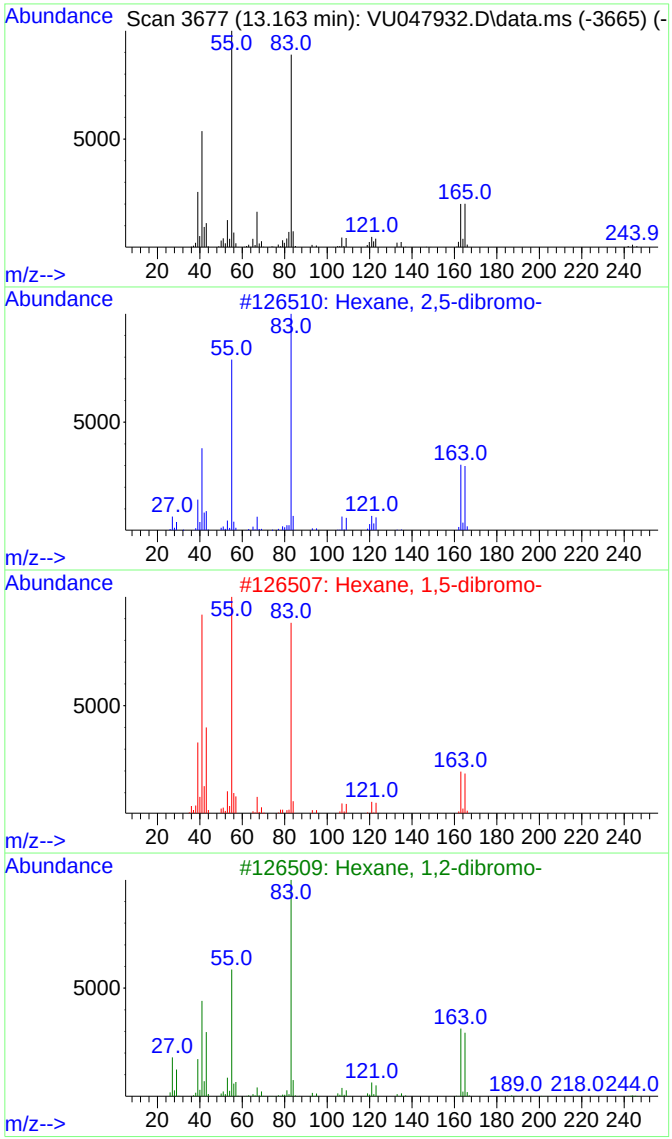
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

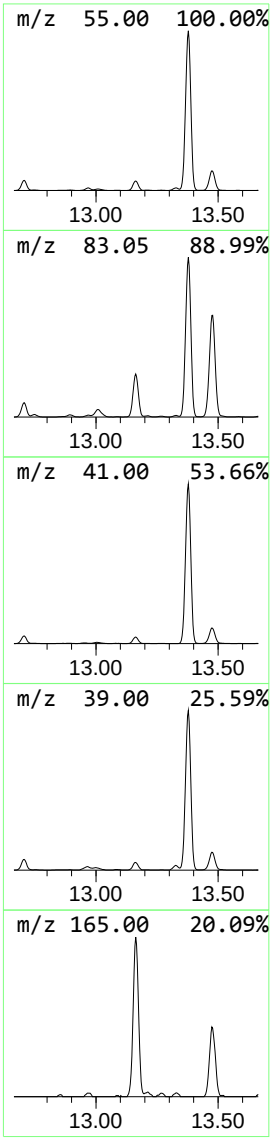
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Hexane, 2,5-dibromo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	19.36 ug/L	534775	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	86
2	Hexane, 1,5-dibromo-	242	C6H12Br2	000627-96-3	78
3	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	72
4	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	59
5	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	53





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Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

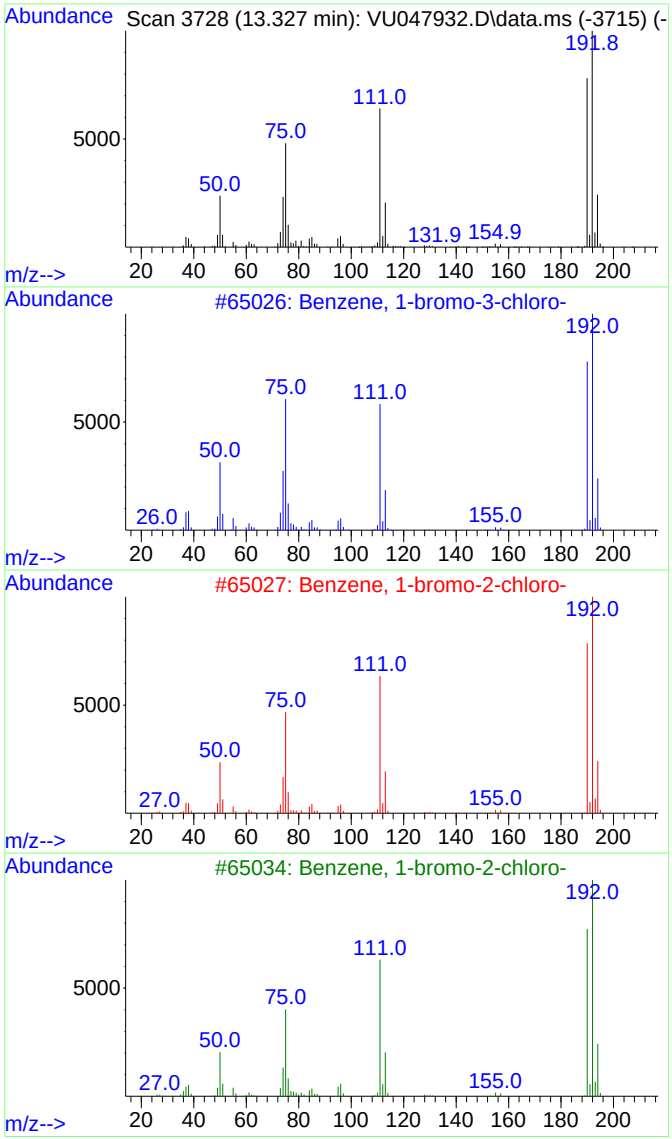
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

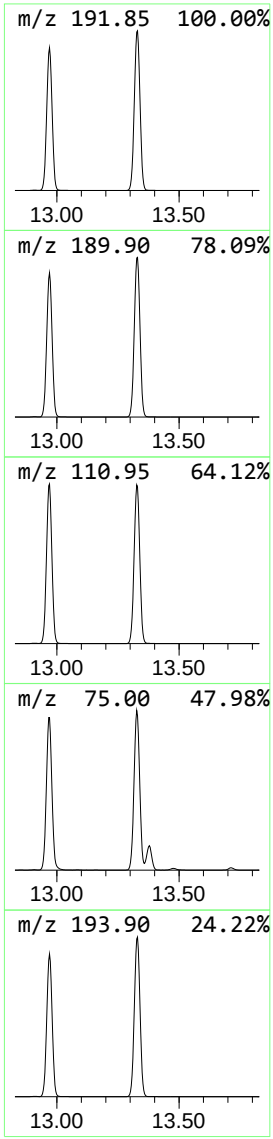
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-bromo-2-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.327	239.48 ug/L	6616390	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	99
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	99
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-4-chloro-	190	C6H4BrCl	000106-39-8	98





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

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

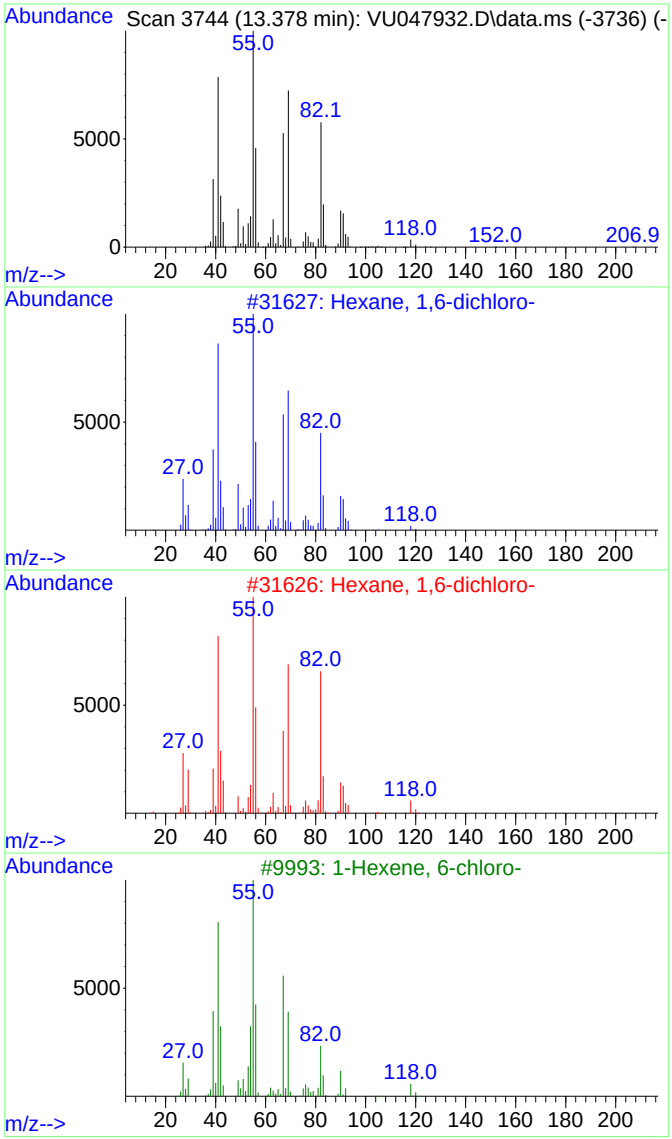
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

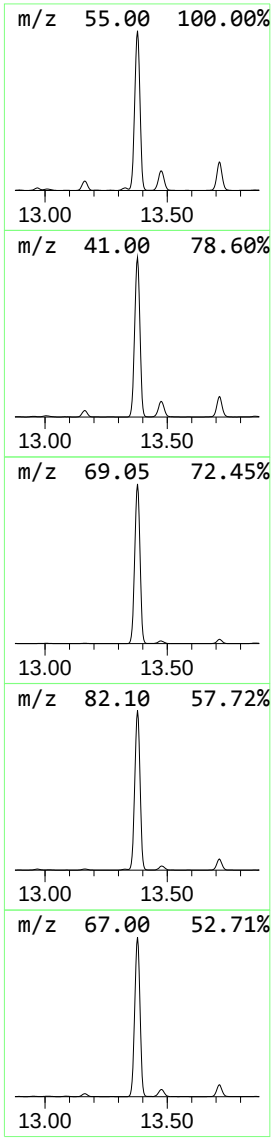
****

Peak Number 17 Hexane, 1,6-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.378	457.31 ug/L	12634700	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	87
2	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	83
3	1-Hexene, 6-chloro-	118	C6H11Cl	000928-89-2	50
4	1-Hexanol, 6-chloro-	136	C6H13ClO	002009-83-8	38
5	cis-3-Hexenyl crotonate	168	C10H16O2	1000429-17-4	35





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Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 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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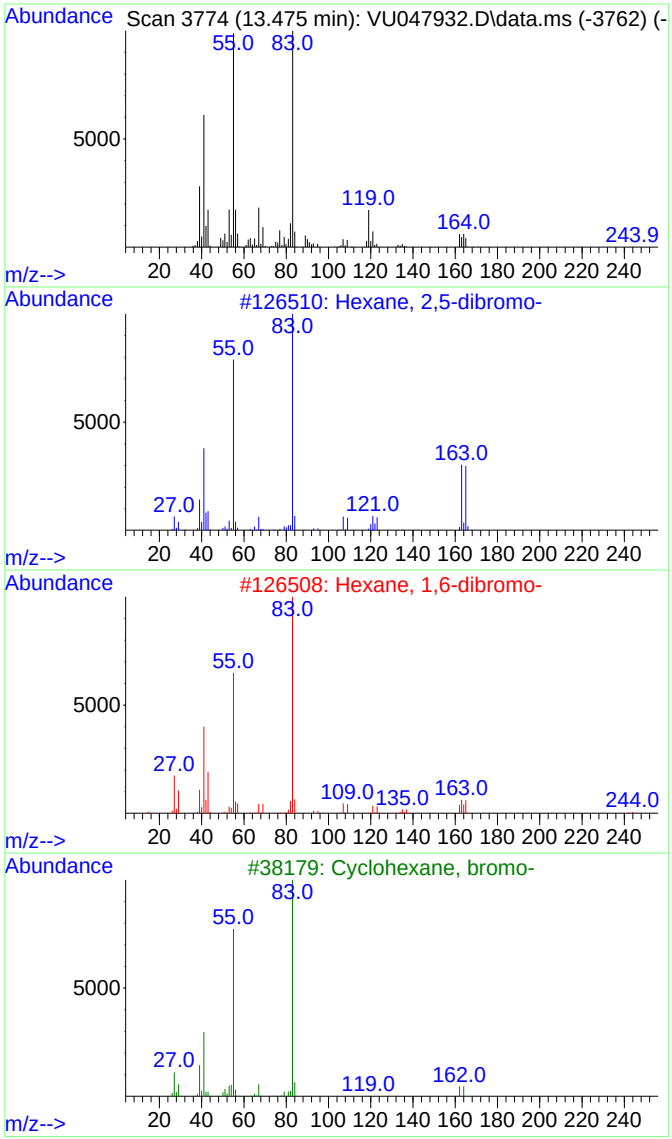
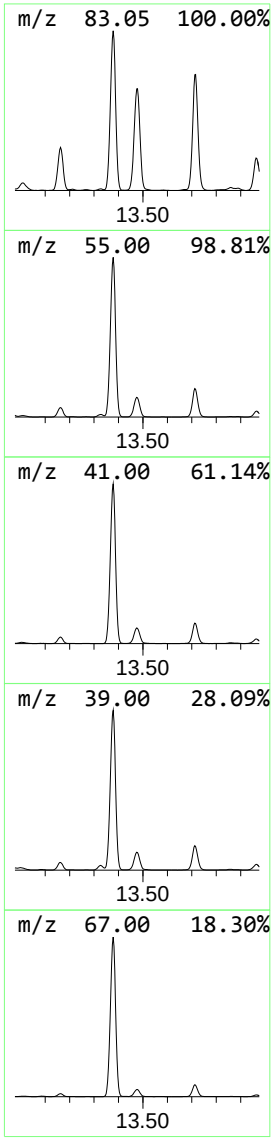
Peak Number 18 Cyclohexane, bromo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.475	54.63 ug/L	1509290	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	64
2	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	64
3	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	64
4	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	64
5	1,5-Dibromo-3-methylpentane	242	C6H12Br2	004457-72-1	56





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Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

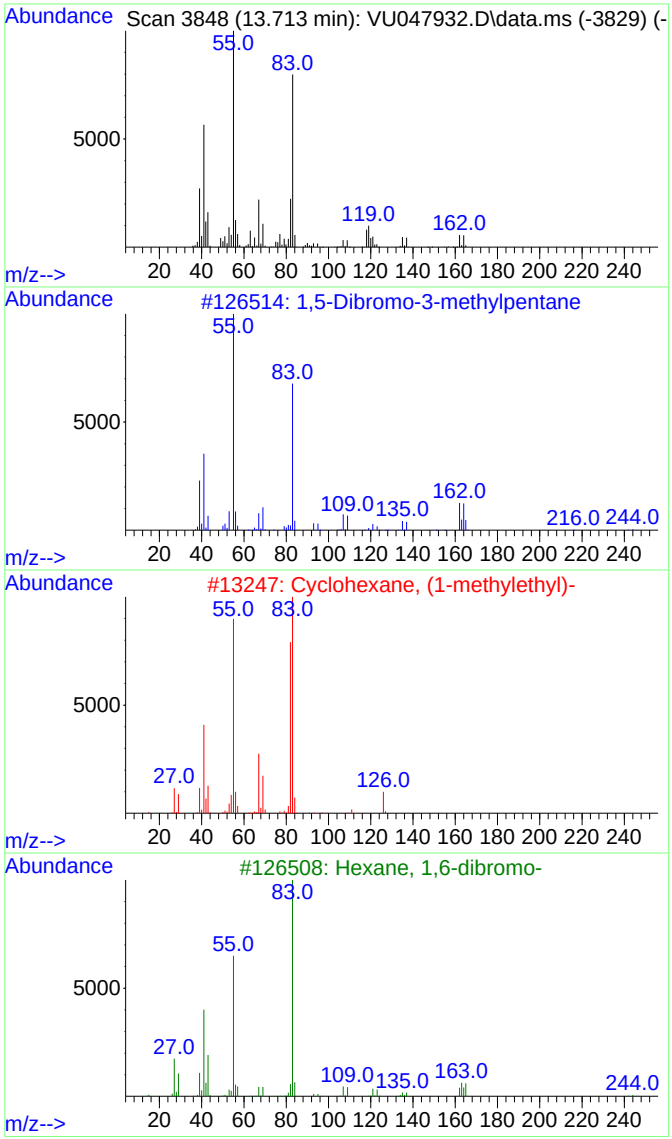
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

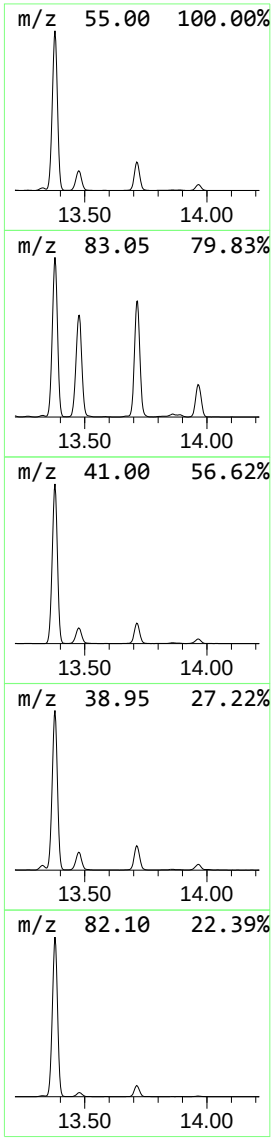
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cyclohexane, (1-methylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.713	65.67 ug/L	1814430	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Dibromo-3-methylpentane	242	C6H12Br2	004457-72-1	50
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
3	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	50
4	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	50
5	Oxalic acid, cyclohexyl isohexyl...	256	C14H24O4	1010309-30-7	50





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Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

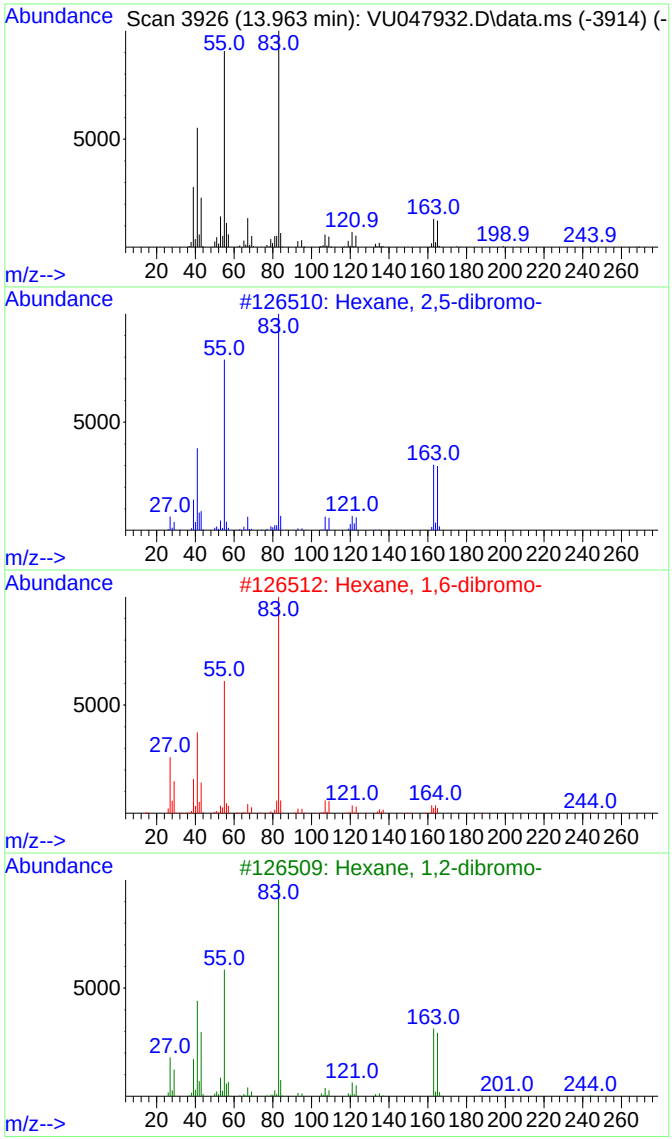
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

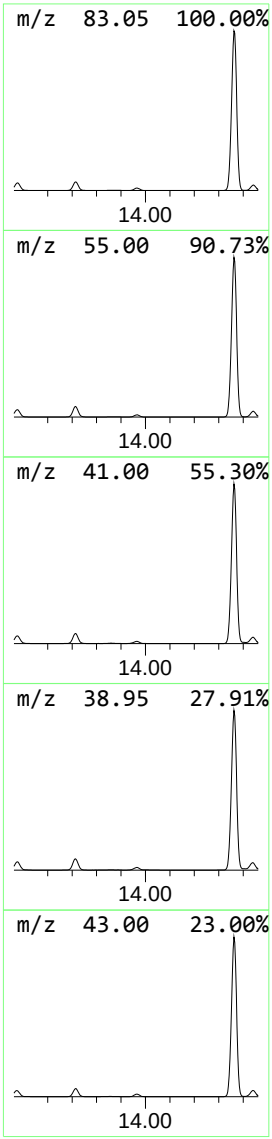
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Hexane, 1,2-dibromo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.963	14.57 ug/L	402593	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	83
2	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	72
3	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	64
4	2-Methyl-2-bromohept-6-en-3-one	204	C8H13BrO	1000424-28-0	59
5	2-Butenoic acid, 2-methyl-, 2-me...	154	C9H14O2	061692-82-8	59





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Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

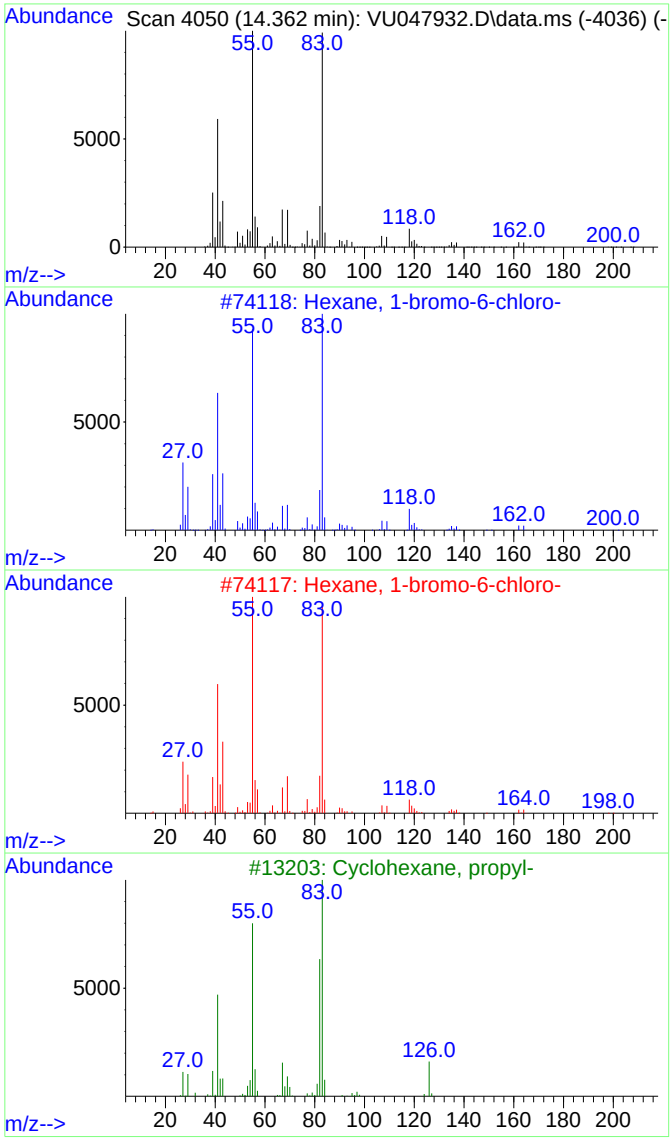
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

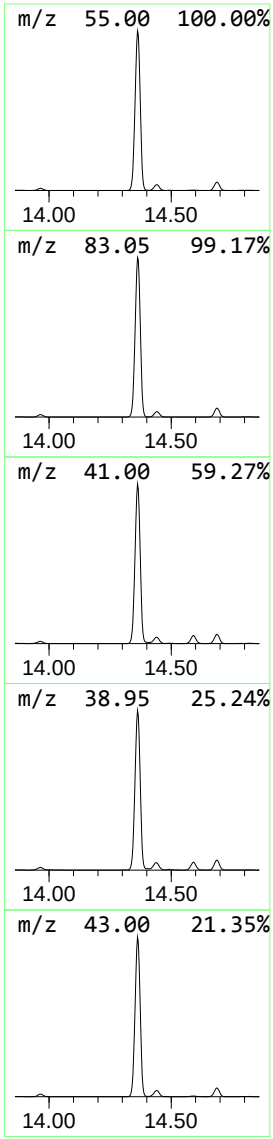
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Hexane, 1-bromo-6-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.362	951.35 ug/L	26284300	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	97
2	Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	91
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4	6-Bromo-1-hexanol	180	C6H13BrO	004286-55-9	64
5	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	64





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Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

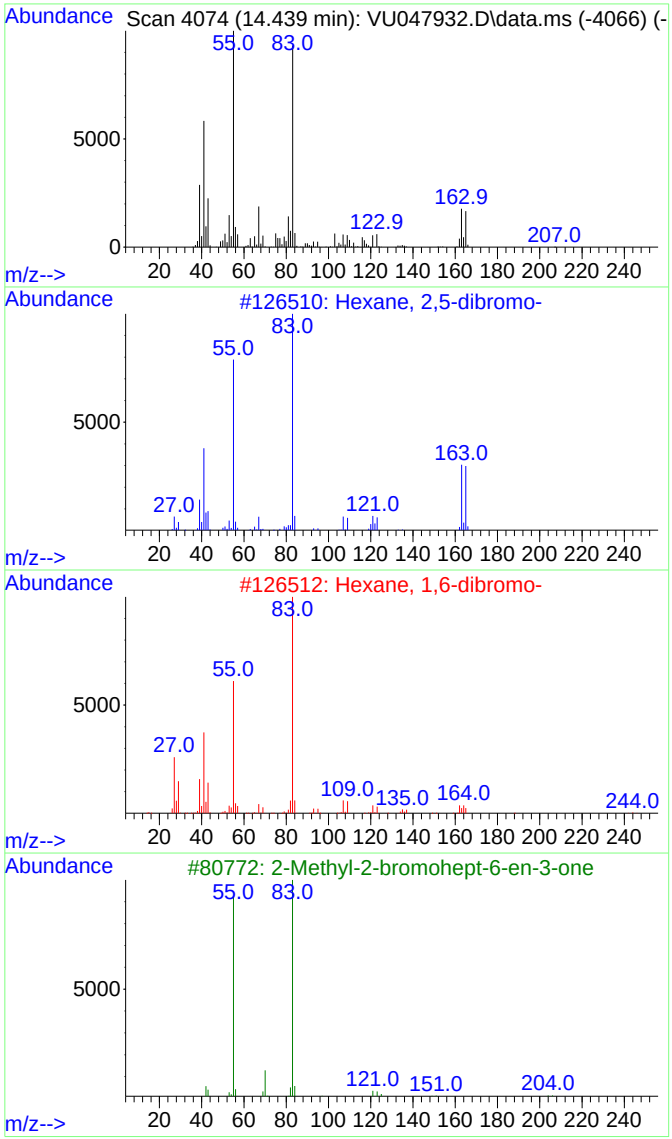
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

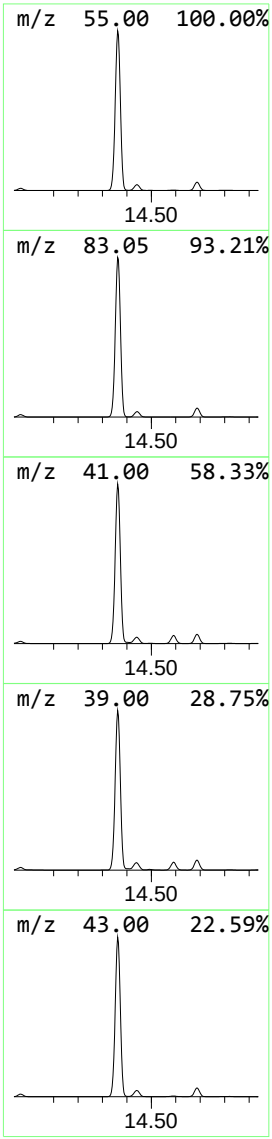
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 2-Methyl-2-bromohept-6-en-3... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.439	45.08 ug/L	1245400	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	78
2	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	64
3	2-Methyl-2-bromohept-6-en-3-one	204	C8H13BrO	1000424-28-0	53
4	Cyclopropane, 2-bromo-1,1,3-trim...	162	C6H11Br	036617-00-2	52
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	50





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Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

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

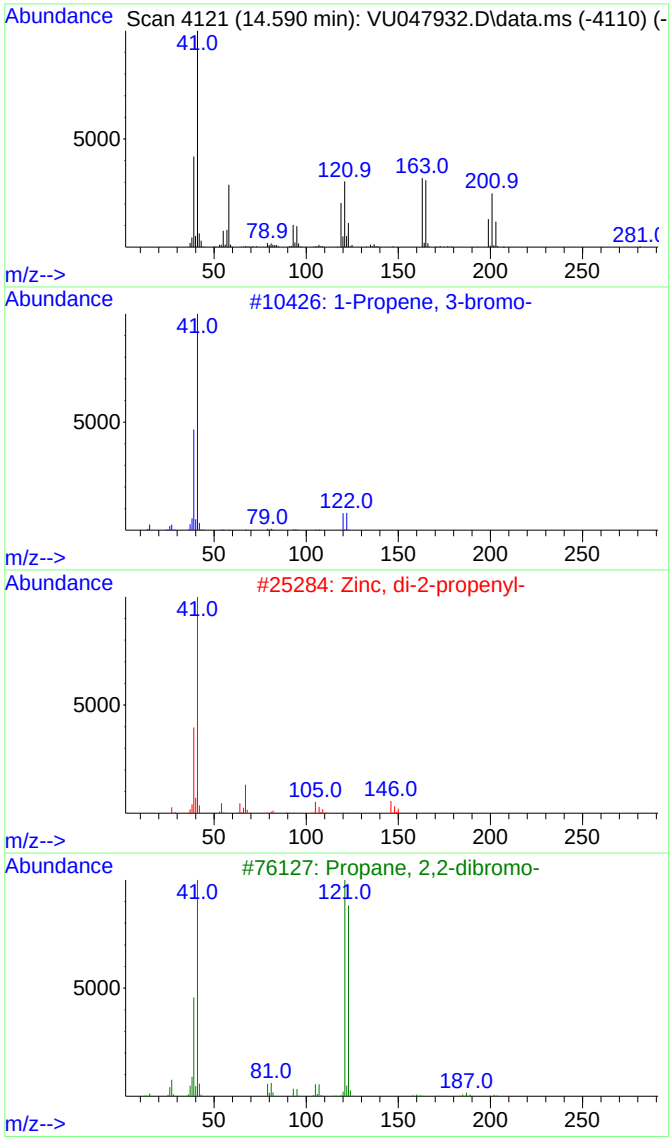
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

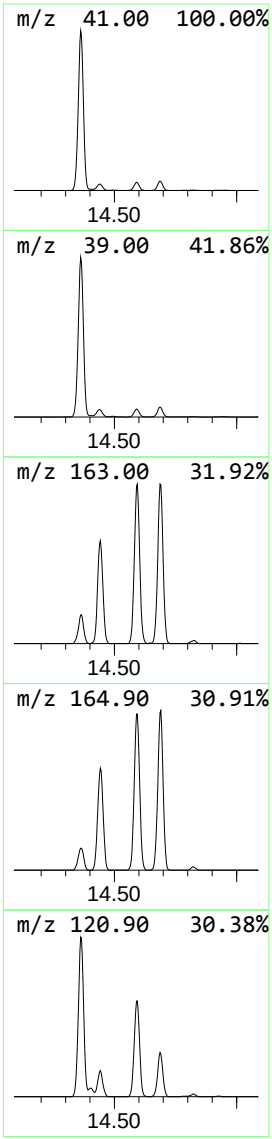
****

Peak Number 24 unknown-04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.590	25.32 ug/L	699638	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-bromo-	120	C3H5Br	000106-95-6	9
2	Zinc, di-2-propenyl-	146	C6H10Zn	001802-55-7	9
3	Propane, 2,2-dibromo-	200	C3H6Br2	000594-16-1	7
4	Benzeneethanamine	121	C8H11N	000064-04-0	4
5	Cyclopropanecarboxylic acid, cyc...	168	C10H16O2	1000278-70-7	4





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Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

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

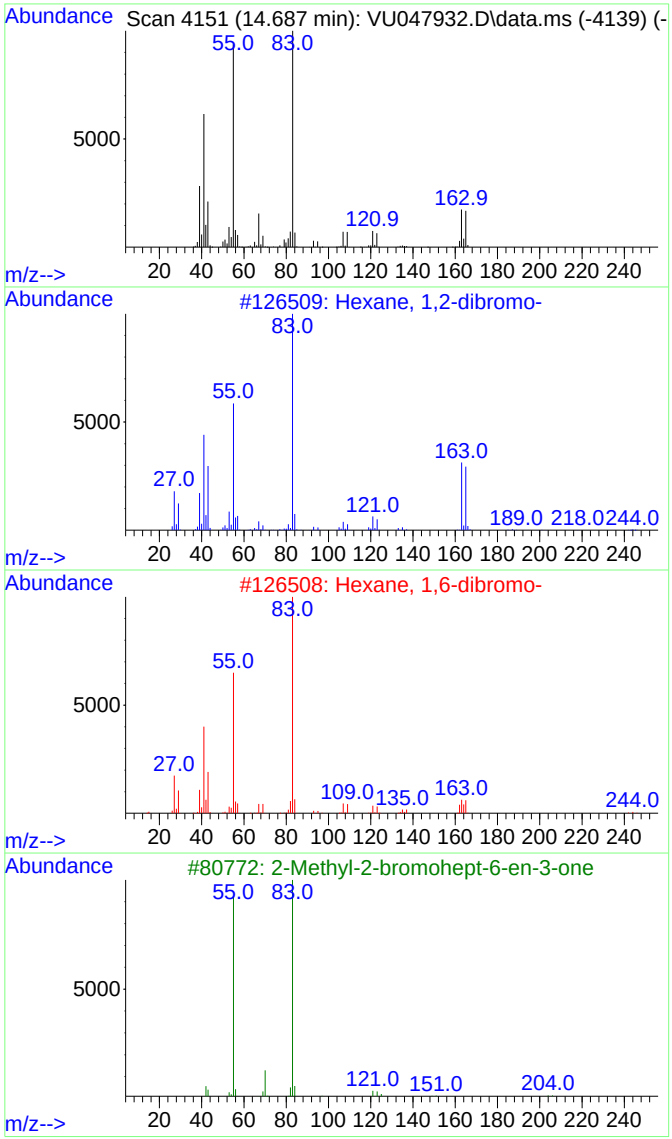
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

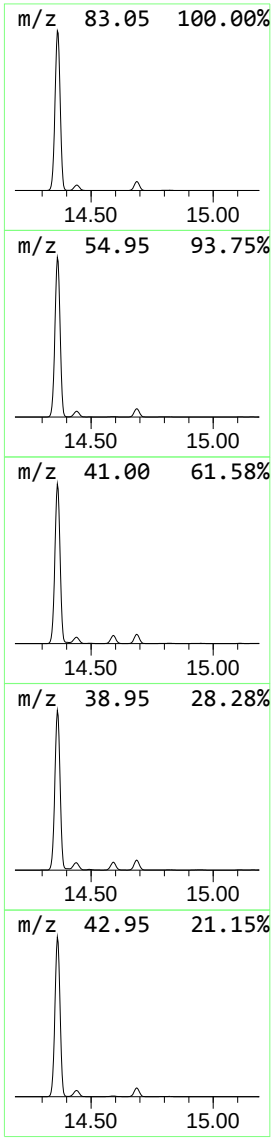
****

Peak Number 25 1,4-Pentadien-3-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.687	51.16 ug/L	1413590	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	72
2	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	64
3	2-Methyl-2-bromohept-6-en-3-one	204	C8H13BrO	1000424-28-0	59
4	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	58
5	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	53





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Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

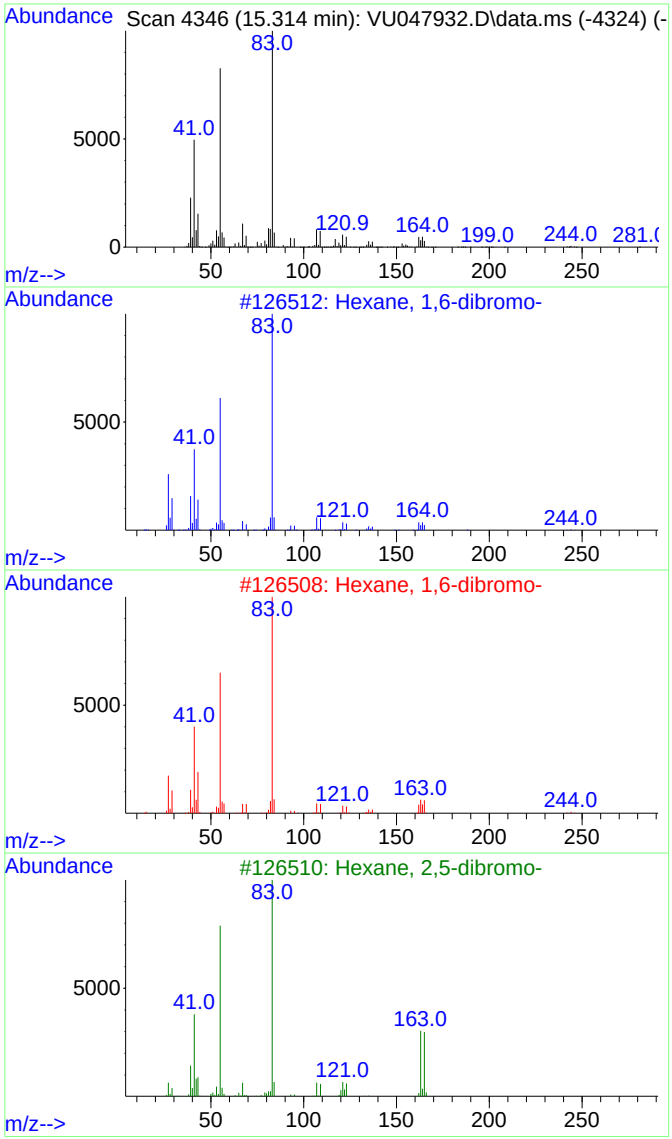
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

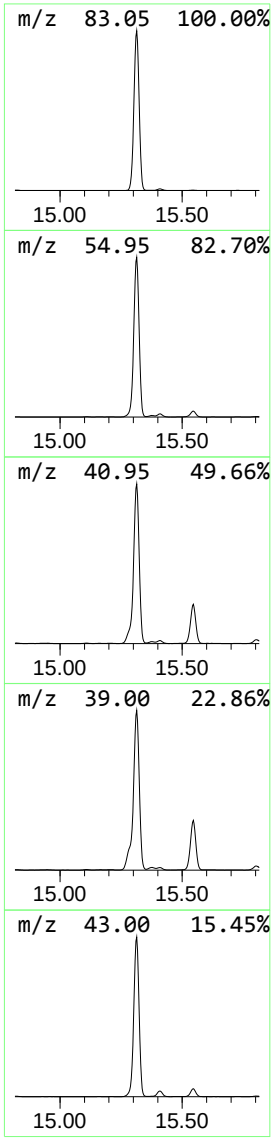
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Hexane, 1,6-dibromo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.314	704.41 ug/L	19461900	1,4-Dichlorobenzene-d4	11.812

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	72
5	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

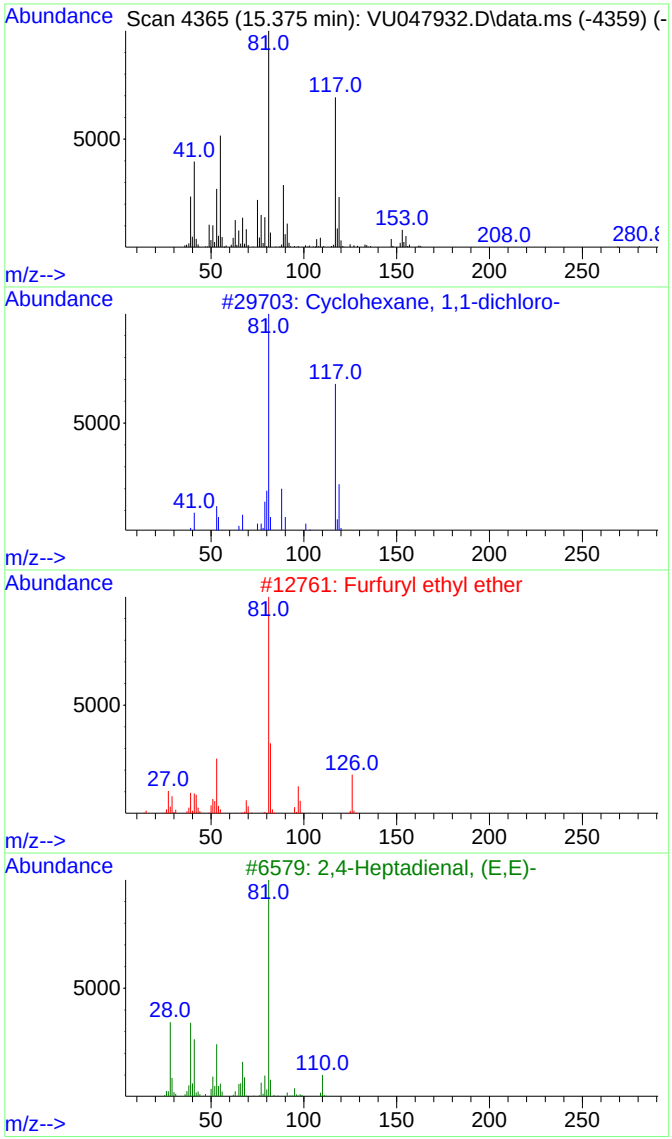
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

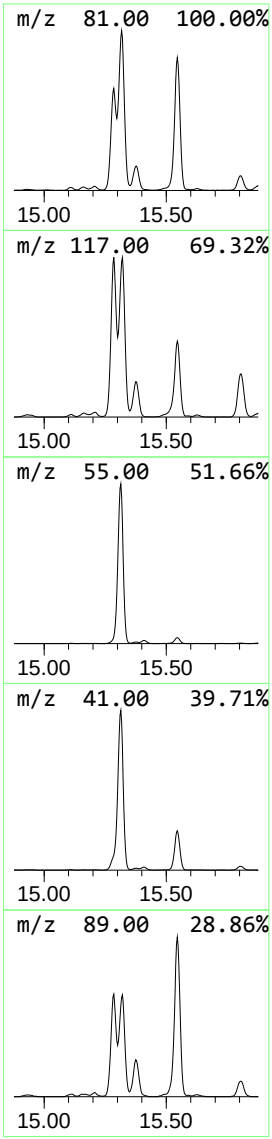
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Cyclohexane, 1,1-dichloro- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.375	8.17 ug/L	225803	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dichloro-	152	C6H10Cl2	002108-92-1	50
2	Furfuryl ethyl ether	126	C7H10O2	1000450-02-5	35
3	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	35
4	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	27
5	Cyclohexene, 3-(2-propynyl)-	120	C9H12	055956-43-9	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 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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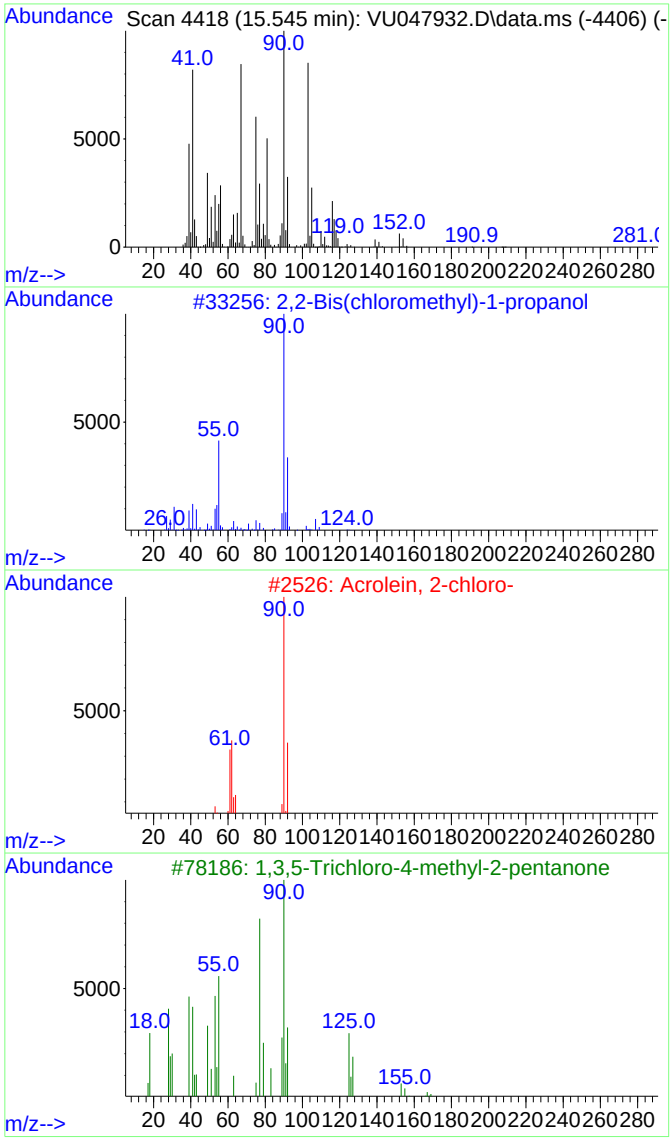
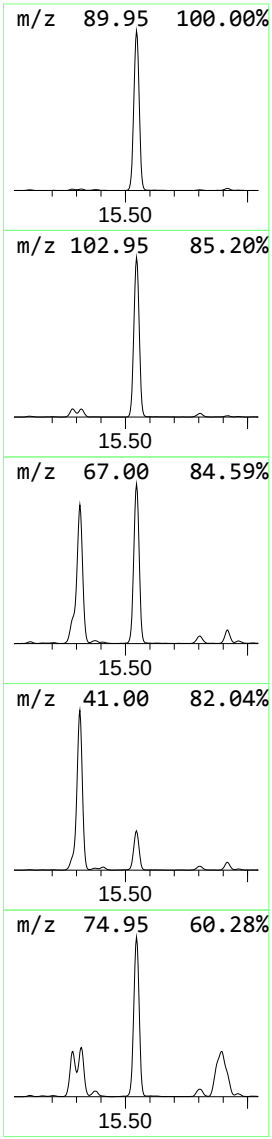
Peak Number 29 unknown-05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.545	206.50 ug/L	5705370	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Bis(chloromethyl)-1-propanol	156	C5H10Cl2O	005355-54-4	38
2	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	37
3	1,3,5-Trichloro-4-methyl-2-penta...	202	C6H9Cl3O	1000140-03-8	25
4	Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	25
5	Borane, chloro(dimethylamino)ethyl-	119	C4H11BClN	001739-26-0	23





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Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

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

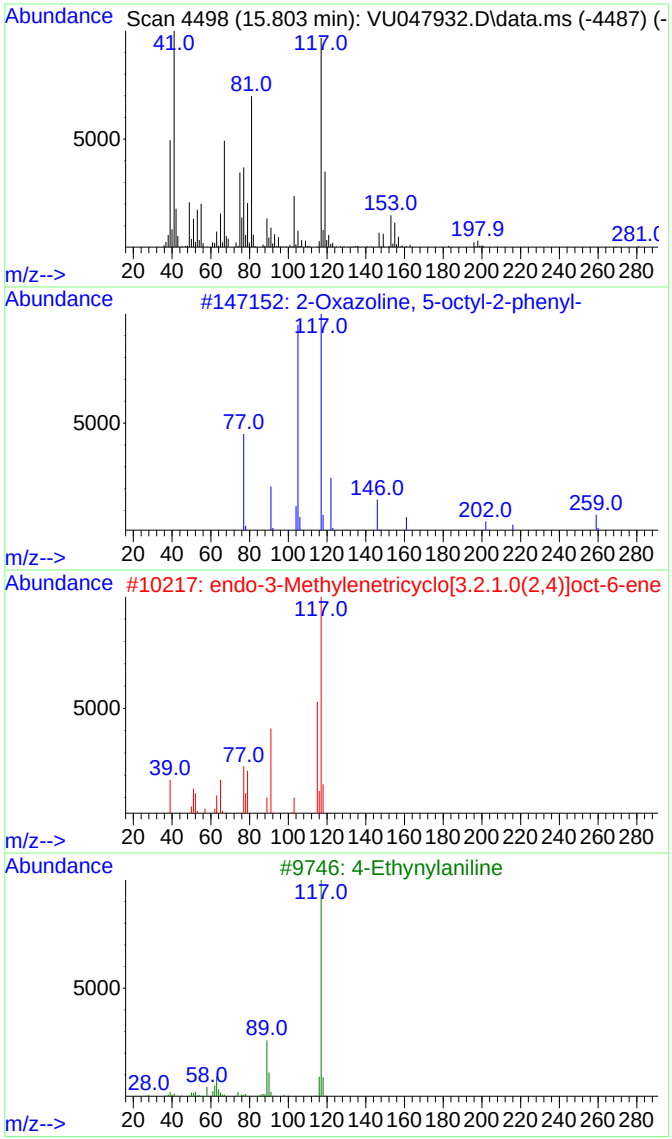
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

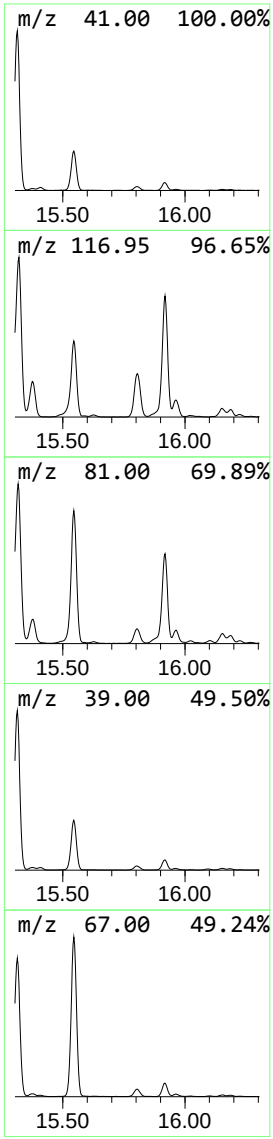
****

Peak Number 30 unknown-06 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.803	16.40 ug/L	453243	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxazoline, 5-octyl-2-phenyl-	259	C17H25NO	032014-90-7	23
2	endo-3-Methylenetricyclo[3.2.1.0...	118	C9H10	1000139-15-5	16
3	4-Ethynylaniline	117	C8H7N	014235-81-5	14
4	Phosphorochloridic acid, nonyl p...	312	C14H30ClO3P	1000309-09-2	10
5	Propane, 1-bromo-3-chloro-	156	C3H6BrCl	000109-70-6	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

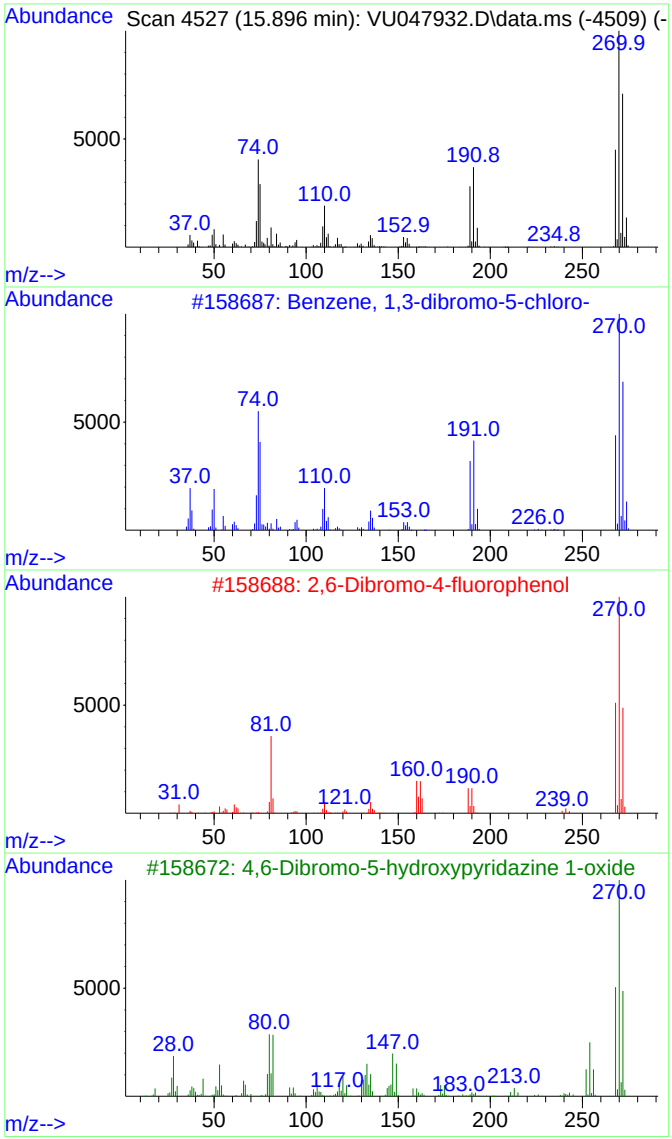
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

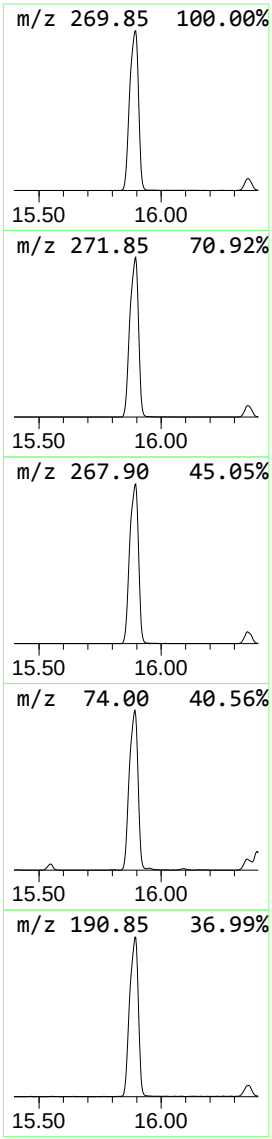
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 1,3-dibromo-5-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.896	150.91 ug/L	4169570	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dibromo-5-chloro-	268	C6H3Br2Cl	014862-52-3	87
2	2,6-Dibromo-4-fluorophenol	268	C6H3Br2FO	000344-20-7	47
3	4,6-Dibromo-5-hydroxypyridazine ...	268	C4H2Br2N2O2	019971-61-0	43
4	Pyrimidine, 4,6-dichloro-2-(meth...	270	C11H8Cl2N2S	064415-11-8	23
5	5,7-Dichloro-8-[(trimethylsilyl)...	285	C12H13Cl2NOSi	1000408-12-3	13





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

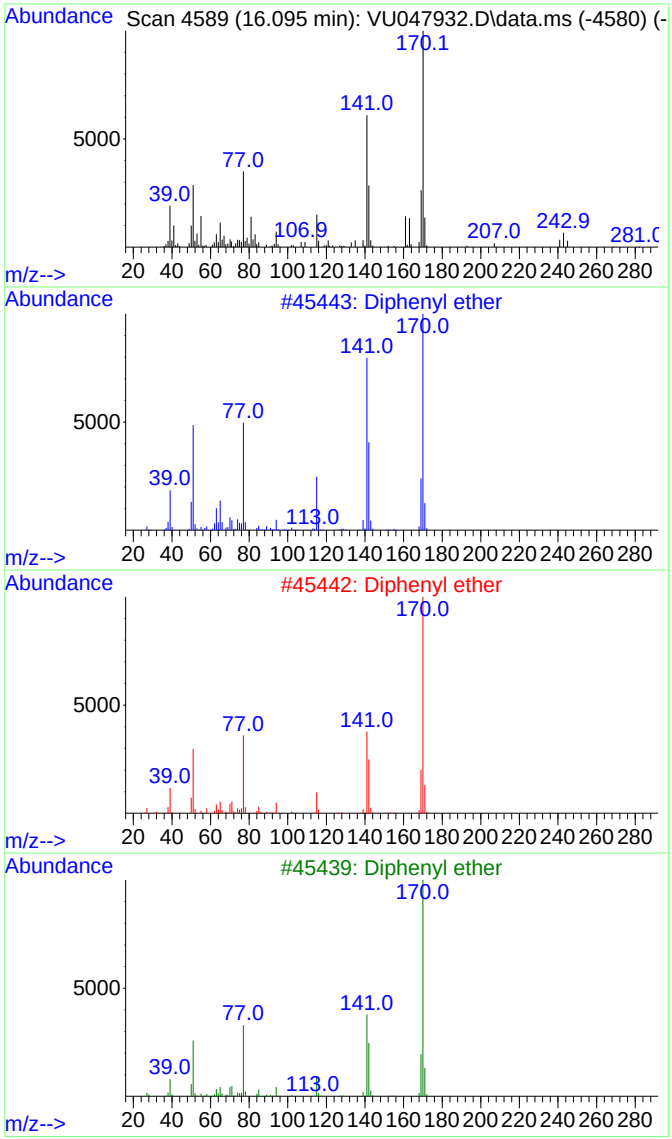
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

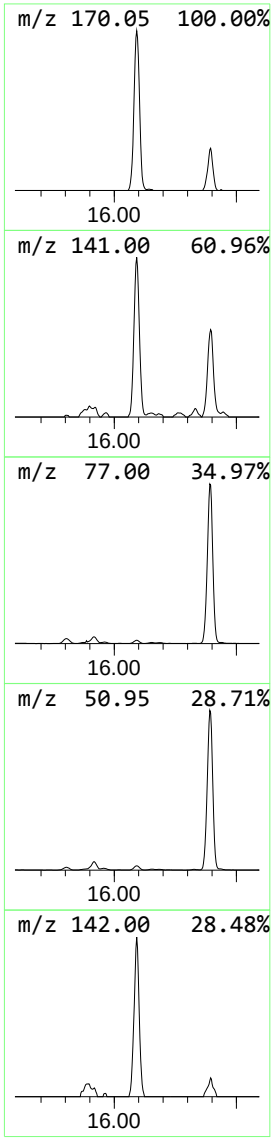
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Diphenyl ether Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.095	6.28 ug/L	173410	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	95
2	Diphenyl ether	170	C12H10O	000101-84-8	93
3	Diphenyl ether	170	C12H10O	000101-84-8	93
4	Diphenyl ether	170	C12H10O	000101-84-8	68
5	Diphenyl ether	170	C12H10O	000101-84-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNR4

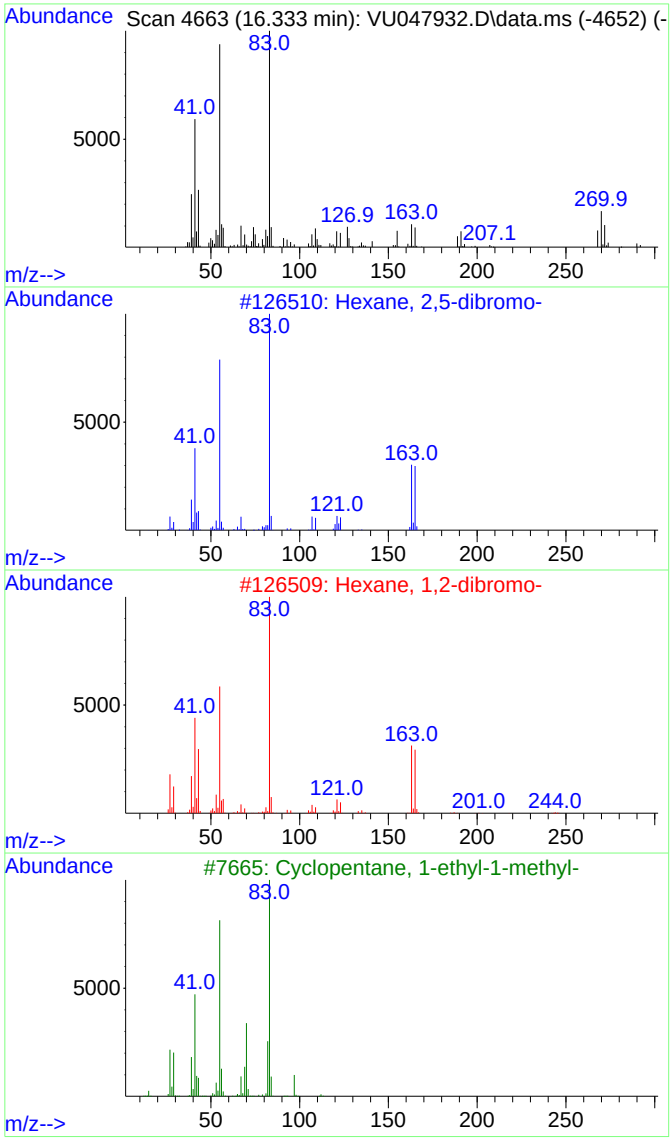
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

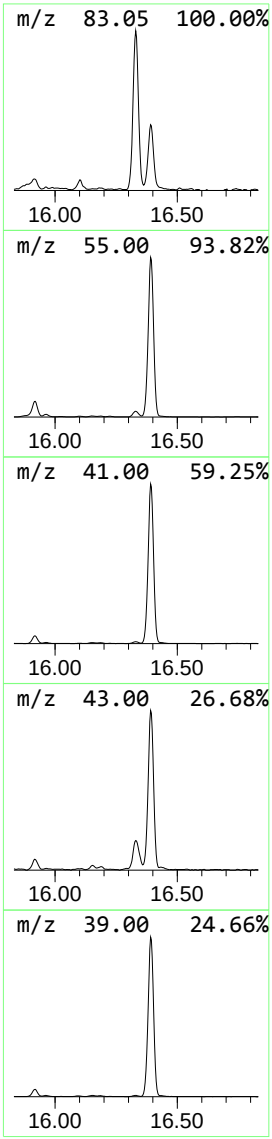
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Cyclopentane, 1-ethyl-1-met... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.333	9.86 ug/L	272444	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	64
2	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	59
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	52
4	Cyclohexane, nitro-	129	C6H11NO2	001122-60-7	50
5	2-Butenoic acid, 2-methyl-, 2-pr...	140	C8H12O2	007493-71-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 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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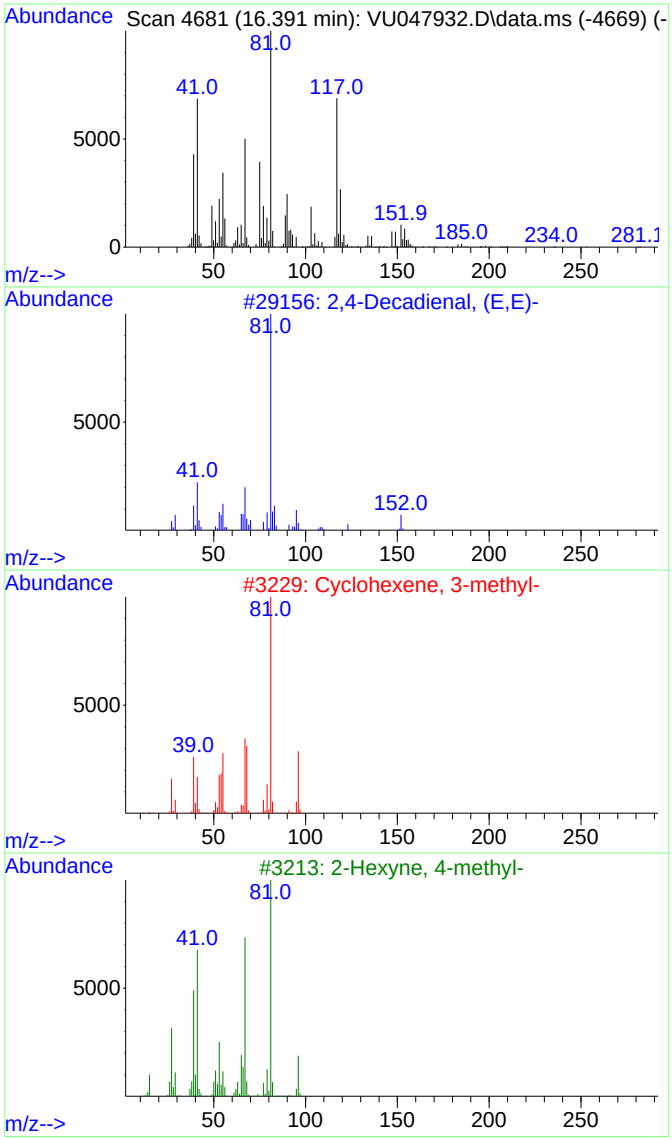
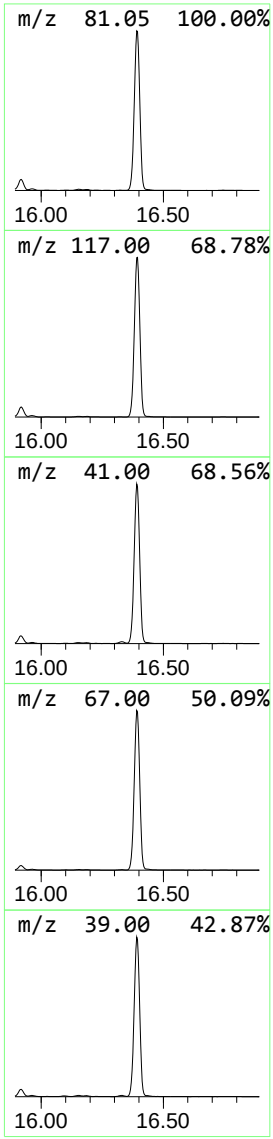
Peak Number 35 unknown-07 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.391	869.21 ug/L	24015000	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	22
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	12
3	2-Hexyne, 4-methyl-	96	C7H12	020198-49-6	12
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	12
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 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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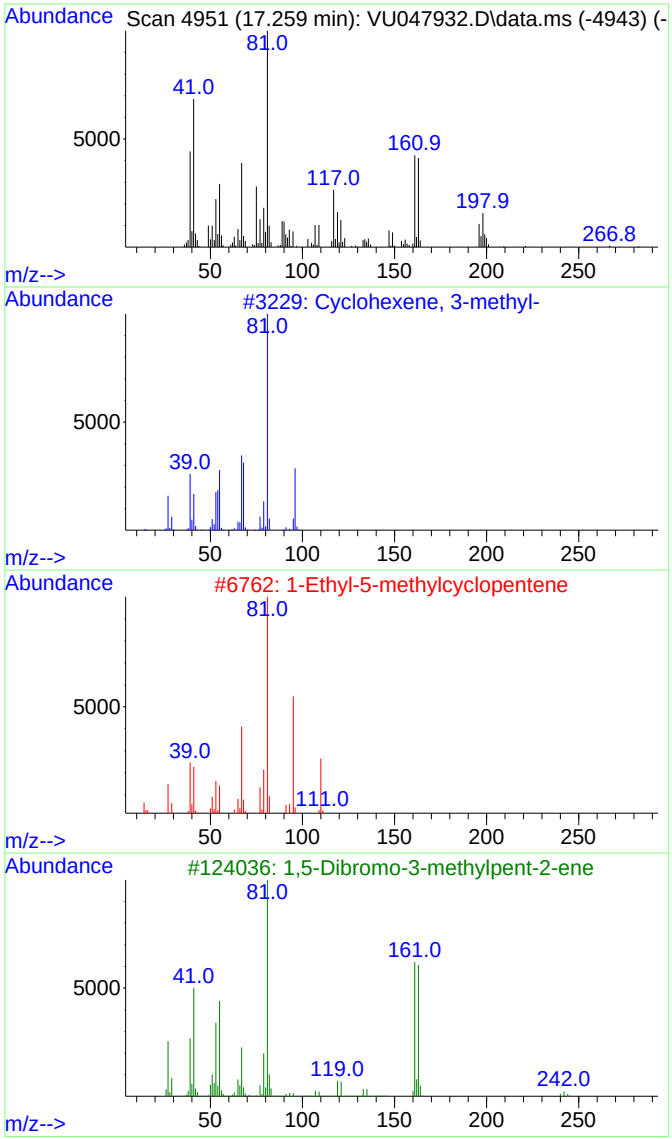
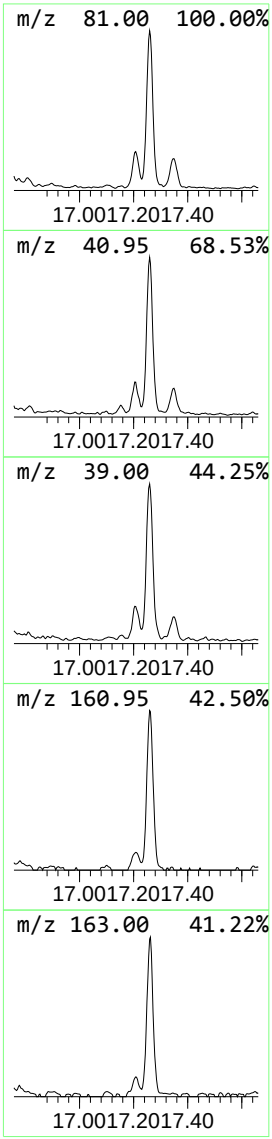
Peak Number 36 unknown-08 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.259	8.74 ug/L	241374	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	35
2	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	35
3	1,5-Dibromo-3-methylpent-2-ene	240	C6H10Br2	133545-67-2	27
4	Isomyocorene	136	C10H16	006876-07-9	20
5	Ethanethioic acid, S-(2-furanylm...	156	C7H8O2S	013678-68-7	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047932.D
Acq On : 12 Apr 2022 01:42
Operator : SY/MD
Sample : N2316-14 10X
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 40 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
(DEL) Alkane: S...	1.359	5.6	ug/L	100823	1	6.250	902133	50.0
2-Propen-1-ol	4.006	11.8	ug/L	212454	1	6.250	902133	50.0
1-Propene, 3,3'...	6.472	8.6	ug/L	155885	1	6.250	902133	50.0
unknown-01	8.240	7.8	ug/L	186824	2	9.417	1201820	50.0
Propane, 1,3-di...	8.575	10.1	ug/L	241815	2	9.417	1201820	50.0
1-Hexene, 6-chl...	9.362	7.8	ug/L	186798	2	9.417	1201820	50.0
unknown-02	9.581	8.9	ug/L	213663	2	9.417	1201820	50.0
Propane, 1-brom...	9.938	11.6	ug/L	277504	2	9.417	1201820	50.0
1,5-Dibromo-3-m...	10.655	17.2	ug/L	475317	3	11.812	1381430	50.0
Cyclopropane, 2...	12.472	25.6	ug/L	706042	3	11.812	1381430	50.0
unknown-03	12.706	27.9	ug/L	771702	3	11.812	1381430	50.0
Benzene, 1-brom...	12.970	221.1	ug/L	6109720	3	11.812	1381430	50.0
Hexane, 2,5-dib...	13.163	19.4	ug/L	534775	3	11.812	1381430	50.0
Benzene, 1-brom...	13.327	239.5	ug/L	6616390	3	11.812	1381430	50.0
Hexane, 1,6-dic...	13.378	457.3	ug/L	12634700	3	11.812	1381430	50.0
Cyclohexane, br...	13.475	54.6	ug/L	1509290	3	11.812	1381430	50.0
Cyclohexane, (1...	13.713	65.7	ug/L	1814430	3	11.812	1381430	50.0
Hexane, 1,2-dib...	13.963	14.6	ug/L	402593	3	11.812	1381430	50.0
Hexane, 1-bromo...	14.362	951.4	ug/L	26284300	3	11.812	1381430	50.0
2-Methyl-2-brom...	14.439	45.1	ug/L	1245400	3	11.812	1381430	50.0
unknown-04	14.590	25.3	ug/L	699638	3	11.812	1381430	50.0
1,4-Pentadien-3-ol	14.687	51.2	ug/L	1413590	3	11.812	1381430	50.0
Hexane, 1,6-dib...	15.314	704.4	ug/L	19461900	3	11.812	1381430	50.0
Cyclohexane, 1,...	15.375	8.2	ug/L	225803	3	11.812	1381430	50.0
unknown-05	15.545	206.5	ug/L	5705370	3	11.812	1381430	50.0
unknown-06	15.803	16.4	ug/L	453243	3	11.812	1381430	50.0
Benzene, 1,3-di...	15.896	150.9	ug/L	4169570	3	11.812	1381430	50.0
Diphenyl ether	16.095	6.3	ug/L	173410	3	11.812	1381430	50.0
Cyclopentane, 1...	16.333	9.9	ug/L	272444	3	11.812	1381430	50.0
unknown-07	16.391	869.2	ug/L	24015000	3	11.812	1381430	50.0
unknown-08	17.259	8.7	ug/L	241374	3	11.812	1381430	50.0