LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

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: VU048009.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	rVB	150946	273639	3.99%	1.062%
2	1.871	161	165	170	rBV	67942	74006	1.08%	0.287%
3	2.543	362	374	386	rBV	377124	647556	9.44%	2.514%
4	3.112	541	551	564	rVB2	13141	25510	0.37%	0.099%
5	3.427	645	649	658	rVB5	1310	2275	0.03%	0.009%
6	3.681	718	728	740	rVB5	3615	8265	0.12%	0.032%
7	4.514	977	987	997	rBV5	1681	3311	0.05%	0.013%
8	4.629	1009	1023	1073	rBV	182391	572180	8.34%	2.221%
9	5.060	1139	1157	1184	rBV	360787	828398	12.08%	3.216%
10	5.575	1309	1317	1319	rBV5	2070	2390	0.03%	0.009%
11	5.719	1339	1362	1373	rBV2	821248	2153610	31.39%	8.361%
12	5.973	1437	1441	1443	rBV2	1851	1387	0.02%	0.005%
13	6.125	1480	1488	1503	rVB5	3727	7329	0.11%	0.028%
14	6.247	1512	1526	1544	rBV	211526	419010	6.11%	1.627%
15	6.526	1602	1613	1626	rBV7	4305	8228	0.12%	0.032%
16	6.604	1629	1637	1647	rVB5	1279	2258	0.03%	0.009%
17	6.690	1647	1664	1680	rBV	472107	965914	14.08%	3.750%
18	6.977	1747	1753	1756	rBV3	2666	3224	0.05%	0.013%
19	7.051	1767	1776	1777	rBV3	1483	1704	0.02%	0.007%
20	7.182	1805	1817	1842	rVV3	13725	30829	0.45%	0.120%
21	7.497	1902	1915	1925	rBV3	26999	56461	0.82%	0.219%
22	7.565	1925	1936	1958	rVB	251441	483660	7.05%	1.878%
23	7.690	1967	1975	1990	rVB4	3980	8946	0.13%	0.035%
24	7.899	2017	2040	2054	rVV	987649	1765127	25.73%	6.853%
25	7.973	2055	2063	2085	rVB2	55655	140658	2.05%	0.546%
26	8.182	2116	2128	2144	rBV	169917	336701	4.91%	1.307%
27	8.362	2174	2184	2209	rVB6	20811	46189	0.67%	0.179%
28	8.475	2215	2219	2226	rVB4	2049	2376	0.03%	0.009%
29	8.578	2237	2251	2260	rBV3	22899	45846	0.67%	0.178%
30	8.649	2260	2273	2305	rVB	769929	1442208	21.02%	5.599%
31	9.025	2379	2390	2404	rBV3	7955	15495	0.23%	0.060%
32	9.362	2488	2495	2501	rBV3	4748	7283	0.11%	0.028%
33	9.423	2501	2514	2518	rBV	337176	588679	8.58%	2.285%
34	9.575	2550	2561	2571	rBV3	11779	20481	0.30%	0.080%
35	9.835	2636	2642	2644	rBV4	1229	1402	0.02%	0.005%
36	9.899	2655	2662	2669	rBV9	2918	4918	0.07%	0.019%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

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	10.102	2716	2725	2734	rBV5	7922	11990	0.17%	0.047%
38	10.224	2753	2763	2775	rVV7	4514	8242	0.12%	0.032%
39	10.337	2788	2798	2805	rBV8	2411	4135	0.06%	0.016%
40	10.411	2814	2821	2832	rVB8	2818	5431	0.08%	0.021%
41	10.491	2837	2846	2854	rVV3	4242	6696	0.10%	0.026%
42	10.668	2891	2901	2905	rVV4	6009	9077	0.13%	0.035%
43	10.706	2905	2913	2919	rVV2	22007	39127	0.57%	0.152%
44	10.764	2919	2931	2952	rVB	845901	1459578	21.28%	5.667%
45	10.909	2967	2976	2989	rVB3	12567	22884	0.33%	0.089%
46	10.989	2992	3001	3010	rBV2	19954	32387	0.47%	0.126%
47	11.102	3027	3036	3048	rBV	12338	20083	0.29%	0.078%
48	11.295	3087	3096	3106	rBV2	16604	25169	0.37%	0.098%
49	11.420	3130	3135	3137	rBV4	1086	831	0.01%	0.003%
50	11.465	3141	3149	3159	rVV6	5377	9941	0.14%	0.039%
51	11.584	3179	3186	3191	rBV6	1903	2730	0.04%	0.011%
52	11.645	3198	3205	3213	rVB4	2568	3888	0.06%	0.015%
53	11.697	3213	3221	3232	rBV6	3018	5284	0.08%	0.021%
54	11.748	3232	3237	3243	rVB7	2337	2822	0.04%	0.011%
55	11.816	3243	3258	3274	rBV	432648	703690	10.26%	2.732%
56	11.893	3276	3282	3291	rVV2	10057	16705	0.24%	0.065%
57	11.954	3292	3301	3314	rVV5	26124	46552	0.68%	0.181%
58	12.012	3314	3319	3324	rVB6	1080	1171	0.02%	0.005%
59	12.073	3331	3338	3339	rBV5	1750	1735	0.03%	0.007%
60	12.102	3341	3347	3360	rVB4	6479	11030	0.16%	0.043%
61	12.195	3360	3376	3404	rBV	1201641	1983089	28.91%	7.699%
62	12.382	3425	3434	3441	rBV	11344	18926	0.28%	0.073%
63	12.468	3454	3461	3467	rBV2	9486	14285	0.21%	0.055%
64	12.574	3485	3494	3504	rBV	16715	25160	0.37%	0.098%
65	12.629	3504	3511	3519	rVV9	4815	8368	0.12%	0.032%
66	12.684	3520	3528	3546	rVB4	11070	24918	0.36%	0.097%
67	12.771	3550	3555	3556	rBV	1212	987	0.01%	0.004%
68	12.838	3570	3576	3582	rBV4	6526	9003	0.13%	0.035%
69	12.880	3584	3589	3597	rVB3	6370	9275	0.14%	0.036%
70	12.970	3603	3617	3627	rBV4	42312	94320	1.37%	0.366%
71	13.028	3629	3635	3647	rVB2	10860	16833	0.25%	0.065%
72	13.272	3699	3711	3719	rBV10	4038	9396	0.14%	0.036%
73	13.330	3721	3729	3735	rVV2	30224	48295	0.70%	0.188%
74	13.378	3736	3744	3758	rVV2	89506	149270	2.18%	0.580%
75	13.449	3759	3766	3780	rVB2	26196	43538	0.63%	0.169%
76	13.632	3816	3823	3831	rVB7	4182	5680	0.08%	0.022%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

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	13.790	3862	3872	3879	rBV4	5803	10078	0.15%	0.039%
78	13.838	3879	3887	3893	rBV10	3866	5379	0.08%	0.021%
79	13.909	3902	3909	3918	rVB7	3243	5347	0.08%	0.021%
80	14.066	3950	3958	3970	rBV7	4253	9546	0.14%	0.037%
81	14.192	3991	3997	4006	rVB6	5223	7137	0.10%	0.028%
82	14.288	4019	4027	4037	rVB4	7645	12287	0.18%	0.048%
83	14.359	4038	4049	4061	rVV2	28926	45268	0.66%	0.176%
84	14.430	4062	4071	4081	rVV4	22914	37923	0.55%	0.147%
85	14.494	4082	4091	4104	rVB5	33723	54943	0.80%	0.213%
86	14.668	4142	4145	4156	rVB6	3245	4259	0.06%	0.017%
87	14.815	4181	4191	4195	rBV7	2850	4813	0.07%	0.019%
88	14.883	4205	4212	4222	rVB9	5198	9774	0.14%	0.038%
89	14.951	4228	4233	4239	rBV5	2737	3320	0.05%	0.013%
90	15.018	4246	4254	4261	rBV7	5721	8555	0.12%	0.033%
91	15.111	4278	4283	4293	rVB8	3969	5598	0.08%	0.022%
92	15.311	4340	4345	4355	rVB4	32101	48973	0.71%	0.190%
93	15.407	4371	4375	4385	rVB9	7418	10525	0.15%	0.041%
94	15.545	4405	4418	4436	rBV	994965	1515154	22.09%	5.882%
95	15.886	4512	4524	4541	rBV5	62035	207618	3.03%	0.806%
96	16.092	4580	4588	4597	rBV2	19808	29442	0.43%	0.114%
97	16.391	4668	4681	4692	rBV	4426809	6860291	100.00%	26.634%
98	17.208	4927	4935	4942	rBV	66527	105660	1.54%	0.410%
99	17.259	4942	4951	4966	rVB	228161	372256	5.43%	1.445%
100	17.346	4968	4978	4993	rBV	279621	473049	6.90%	1.837%

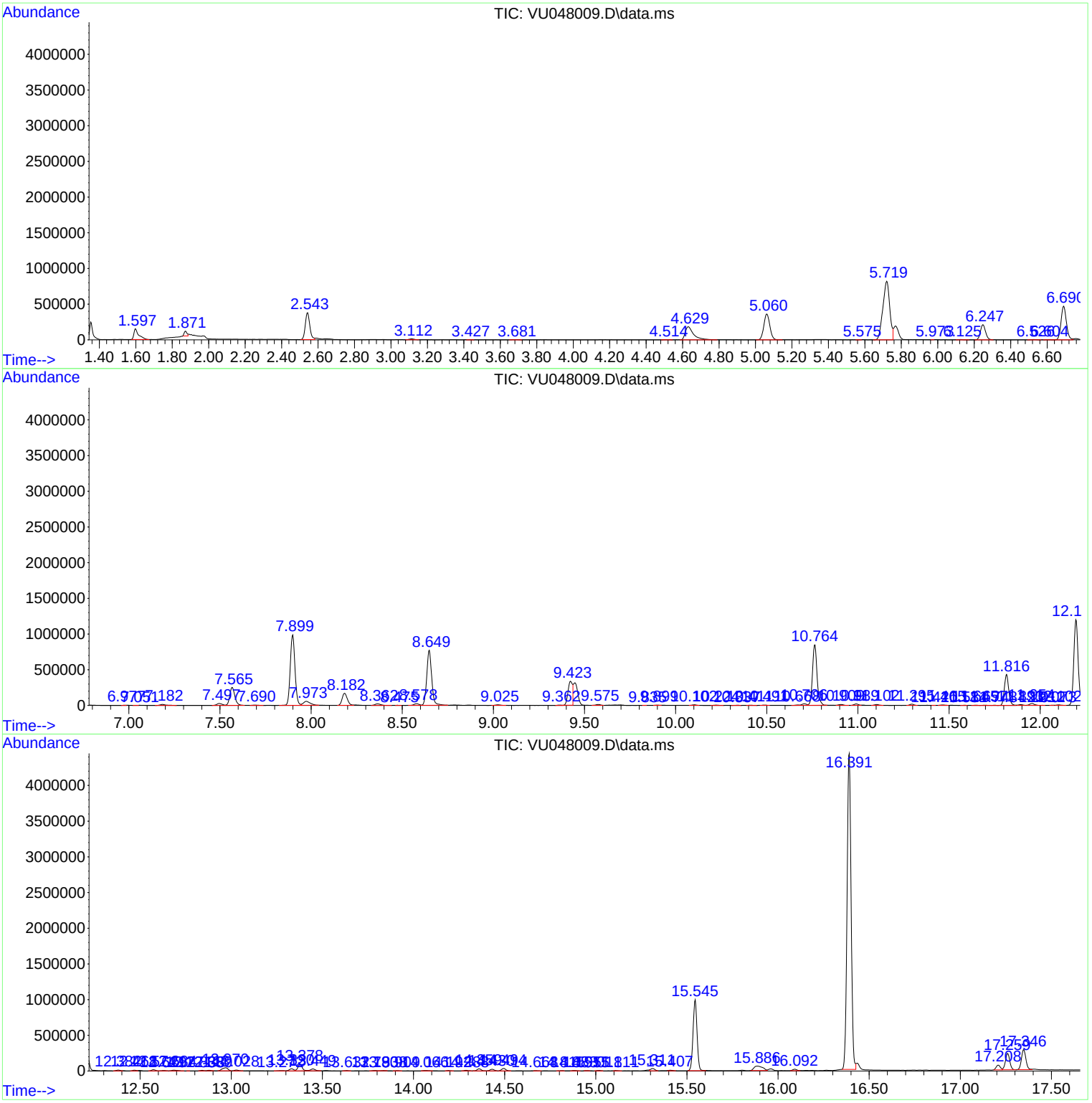
Sum of corrected areas: 25757169

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

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\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

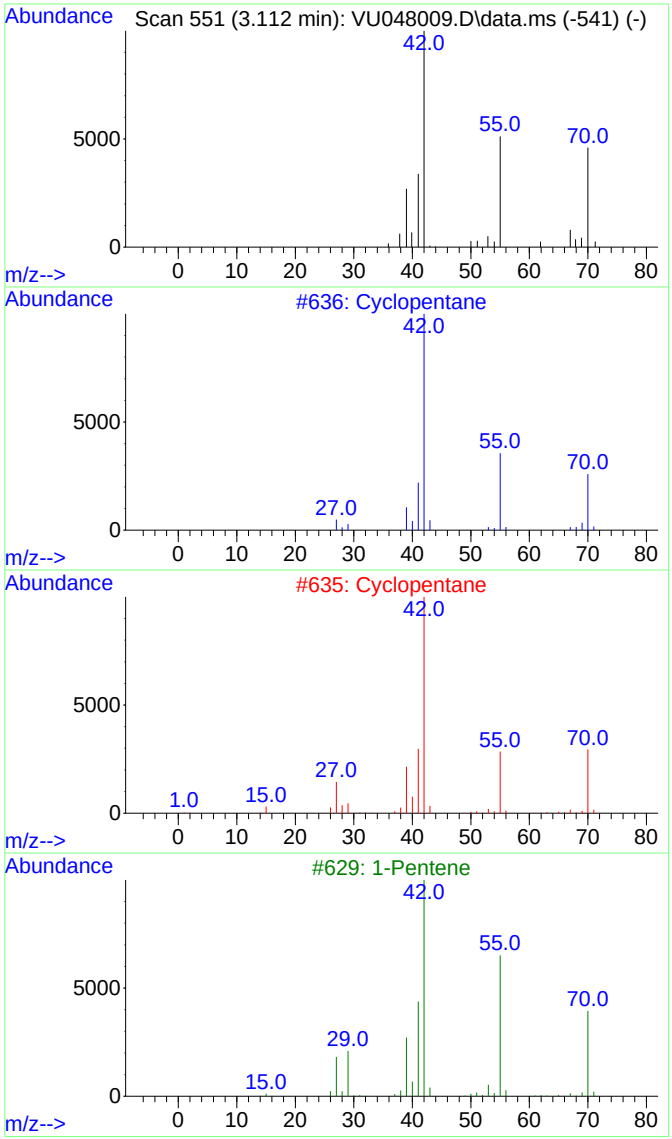
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

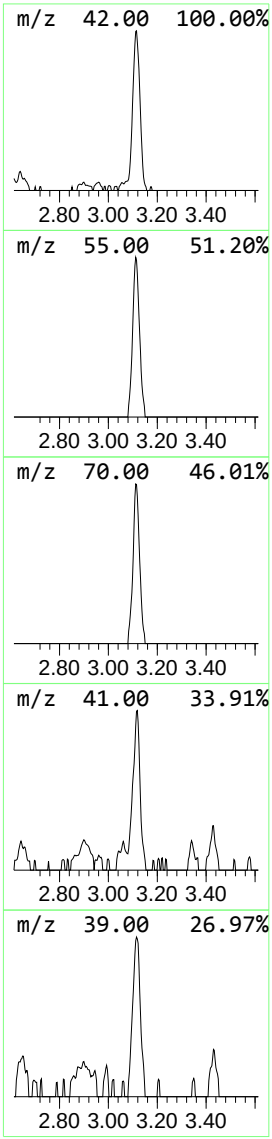
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.112 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.112	3.04 ug/L	25510	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	86
2	Cyclopentane	70	C5H10	000287-92-3	86
3	1-Pentene	70	C5H10	000109-67-1	78
4	1-Pentene	70	C5H10	000109-67-1	72
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

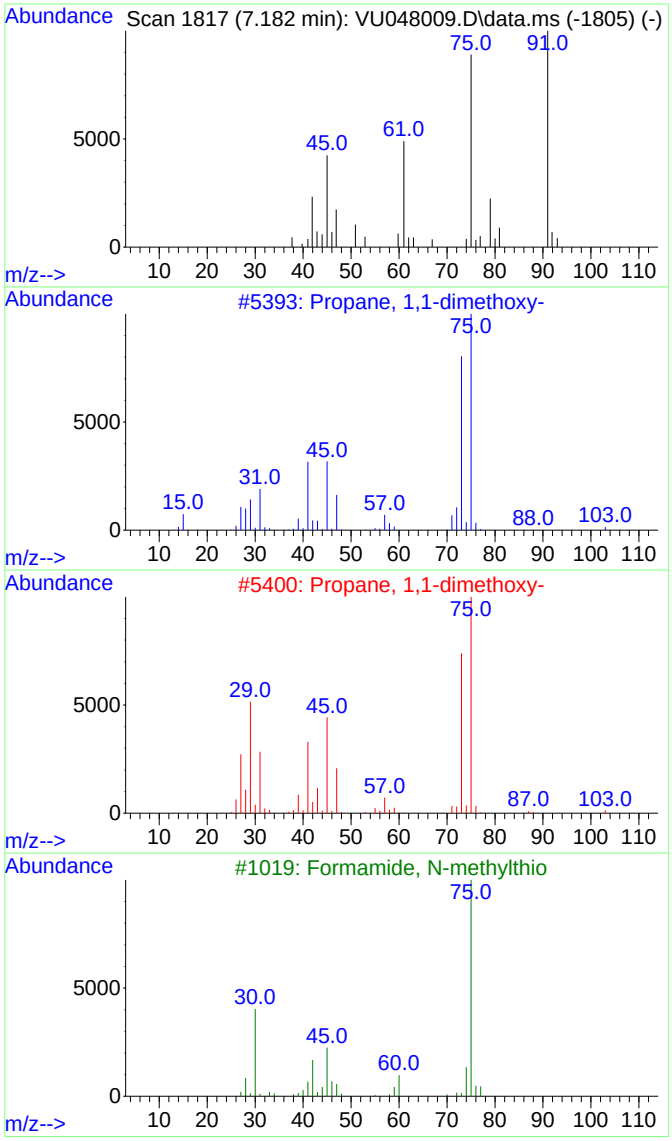
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

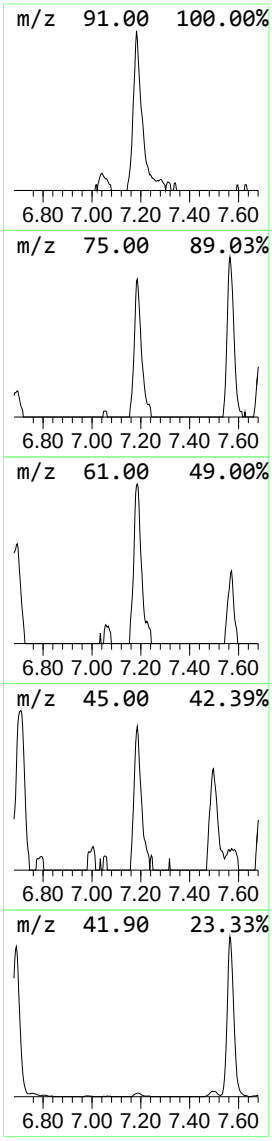
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.182	3.68 ug/L	30829	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	23
2	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	23
3	Formamide, N-methylthio	75	C2H5NS	018952-41-5	17
4	Methanamine, N,N-dimethyl-, N-oxide	75	C3H9NO	001184-78-7	9
5	Glycine	75	C2H5NO2	000056-40-6	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

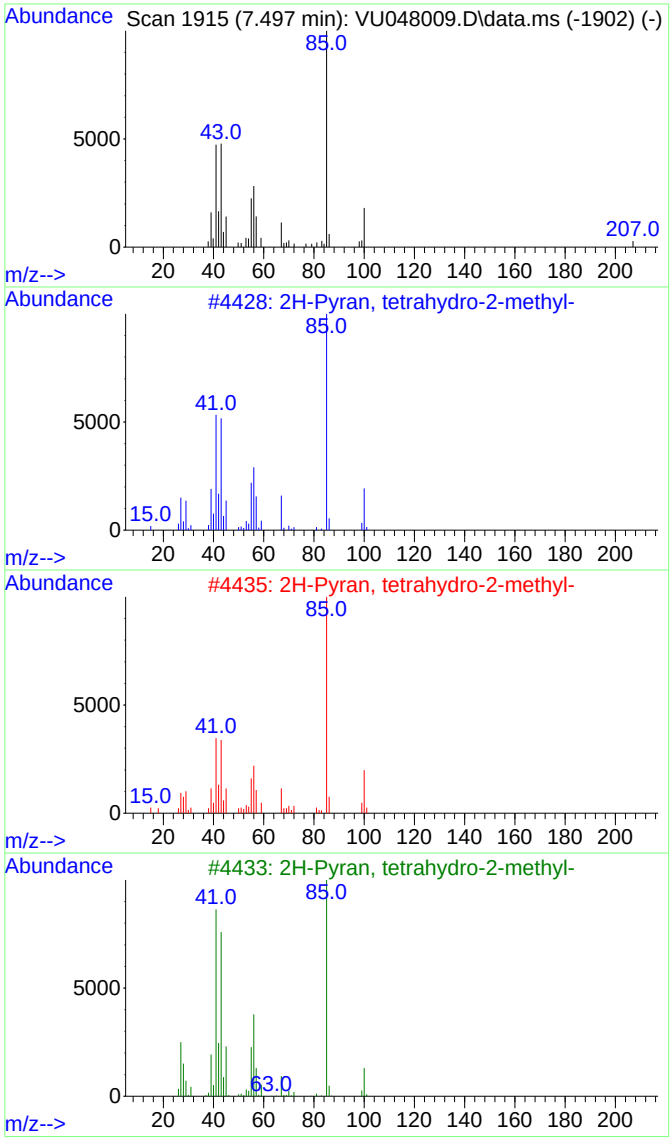
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

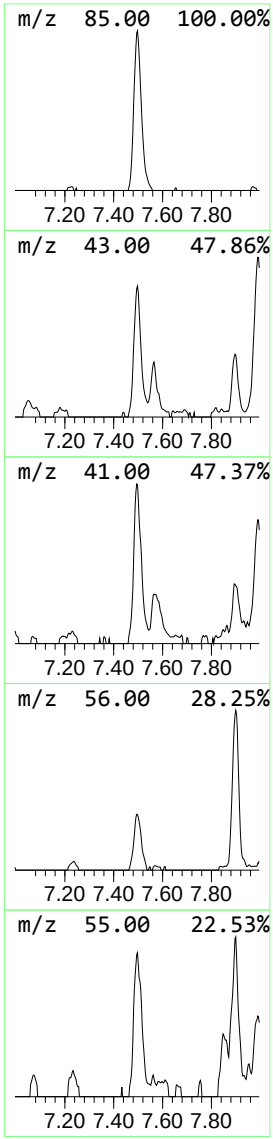
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.497	6.74 ug/L	56461	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	95
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	86
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	83
4	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	64
5	1-Bromo-8-tetrahydropyranyloxyoc...	292	C13H25BrO2	050816-20-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

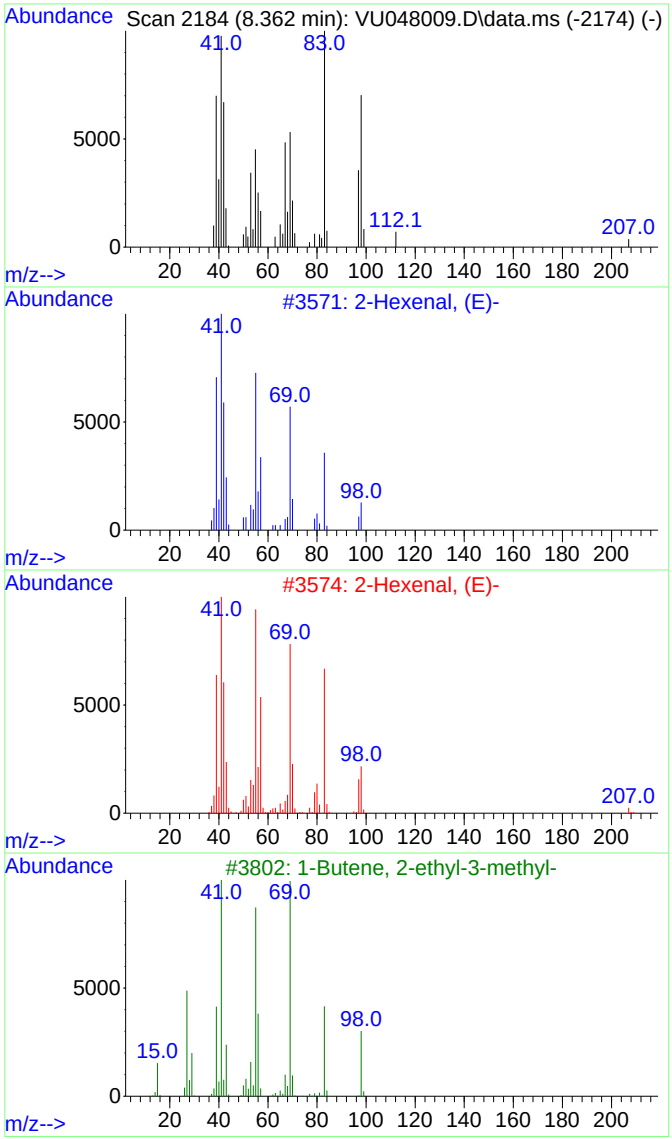
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

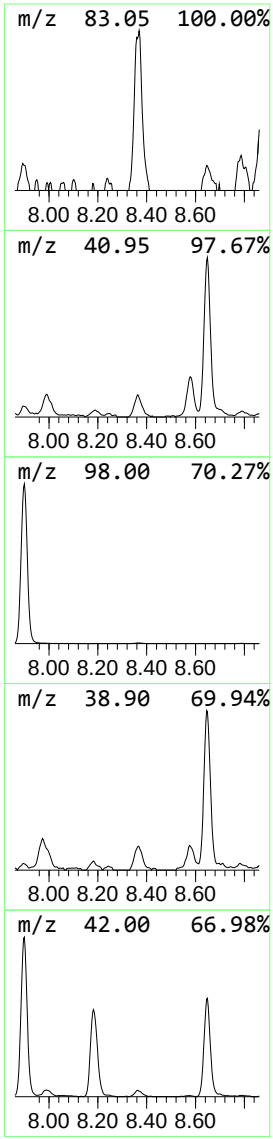
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Hexenal, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.362	3.92 ug/L	46189	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexenal, (E)-	98	C6H10O	006728-26-3	70
2	2-Hexenal, (E)-	98	C6H10O	006728-26-3	62
3	1-Butene, 2-ethyl-3-methyl-	98	C7H14	007357-93-9	52
4	1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	46
5	1H-Pyrazole, 3-ethyl-4,5-dihydro-	98	C5H10N2	005920-29-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

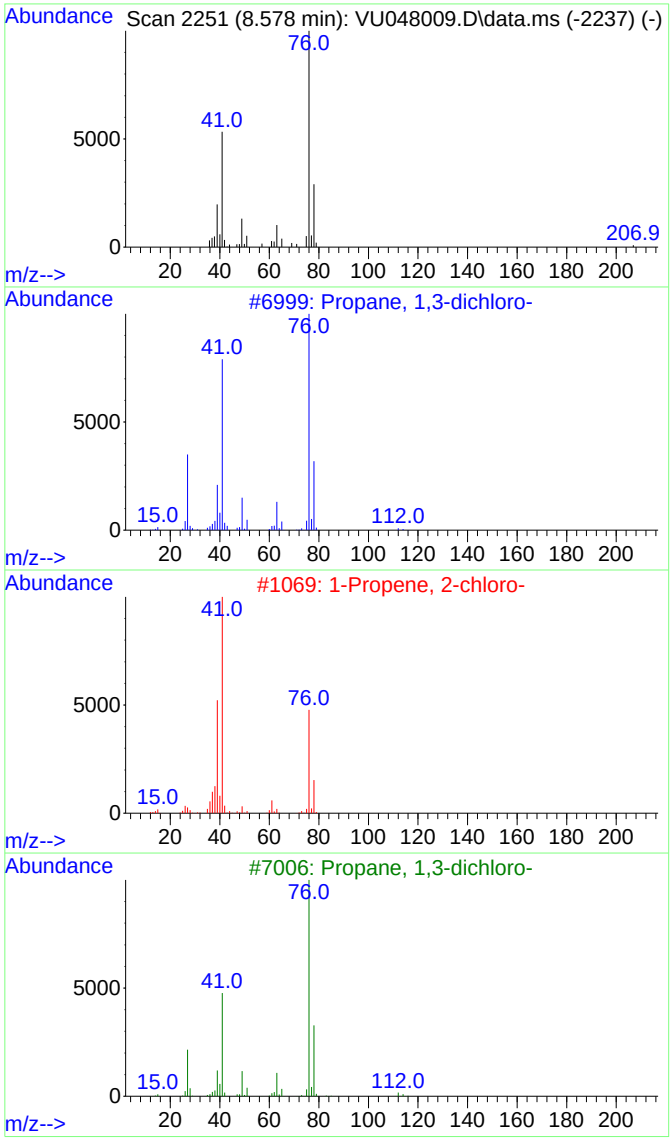
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

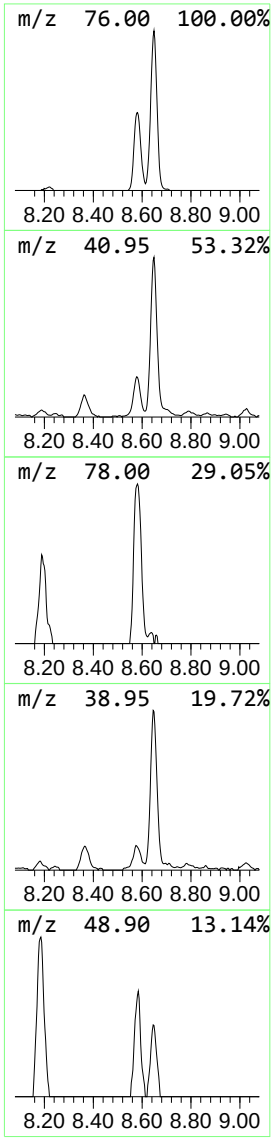
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Propane, 1,3-dichloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.578	3.89 ug/L	45846	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	90
2	1-Propene, 2-chloro-	76	C3H5Cl	000557-98-2	86
3	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	83
4	1-Propene, 2-chloro-	76	C3H5Cl	000557-98-2	78
5	1-Propene, 1-chloro-	76	C3H5Cl	000590-21-6	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

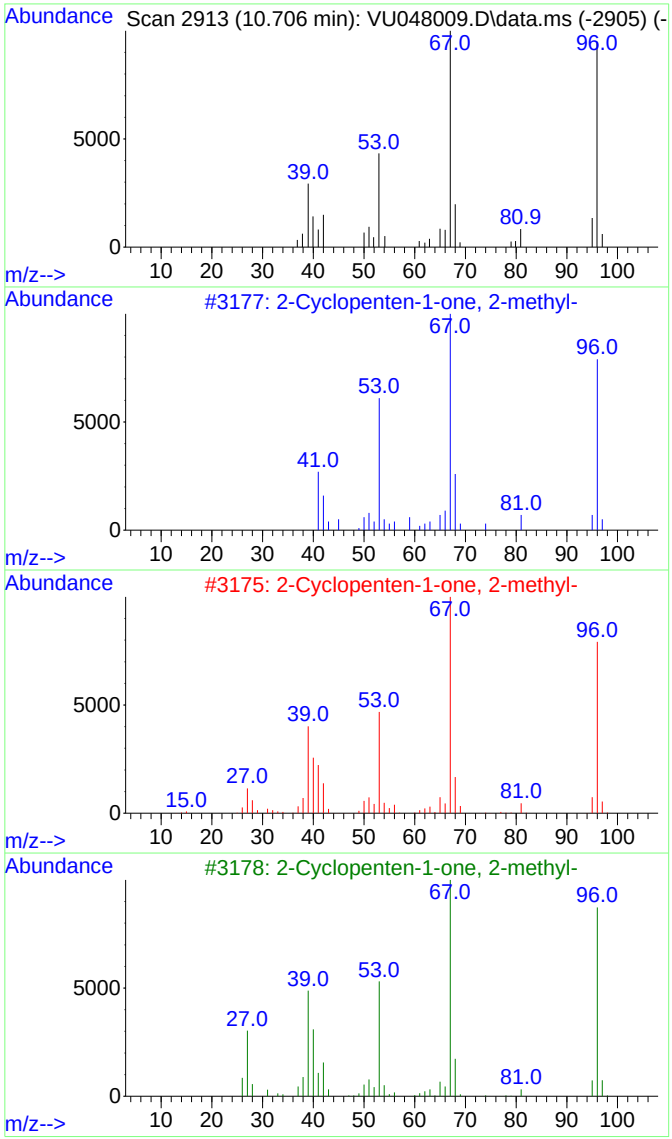
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

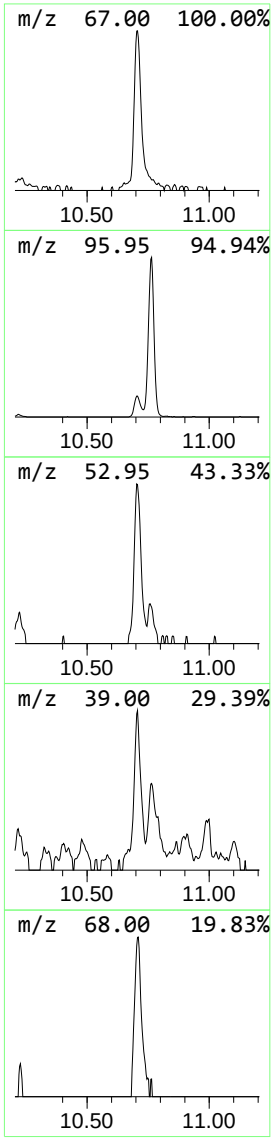
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-Cyclopenten-1-one, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.706	2.78 ug/L	39127	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	94
2	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	91
3	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	90
4	2,4-Dimethylfuran	96	C6H8O	003710-43-8	78
5	2,4-Dimethylfuran	96	C6H8O	003710-43-8	78





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Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

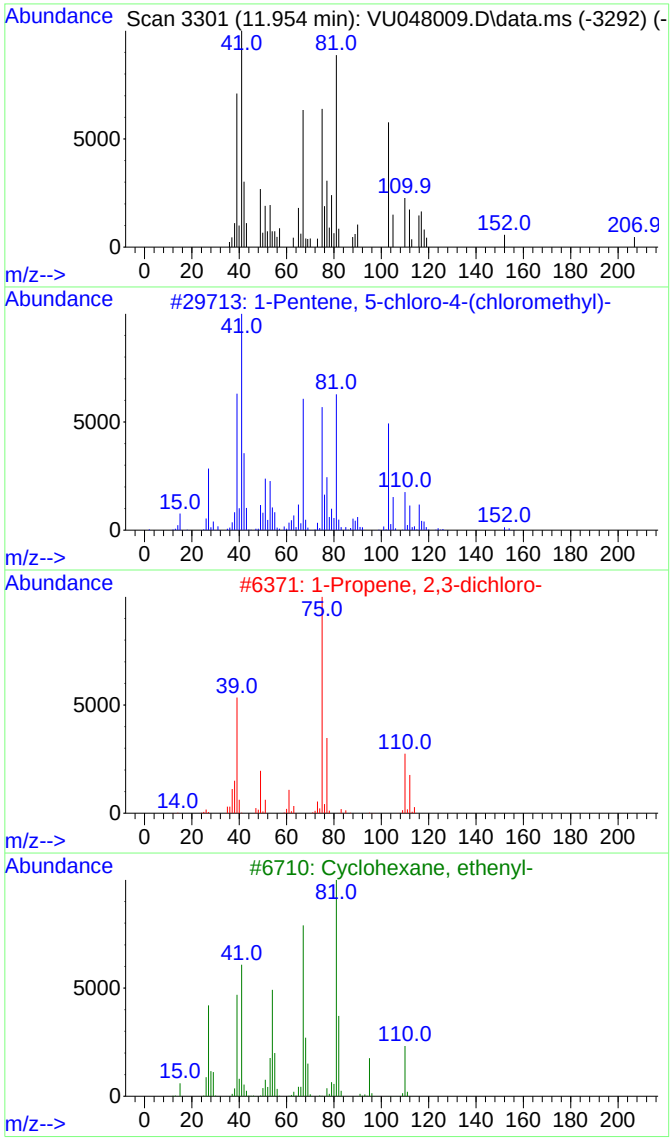
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

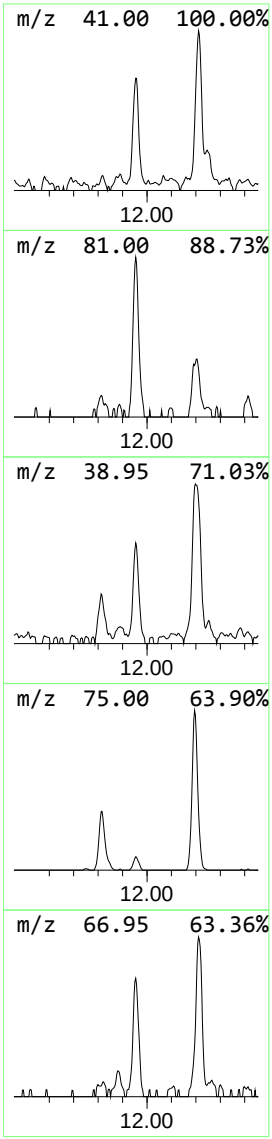
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.954	3.31 ug/L	46552	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 5-chloro-4-(chloromet...	152	C6H10Cl2	027990-74-5	43
2	1-Propene, 2,3-dichloro-	110	C3H4Cl2	000078-88-6	35
3	Cyclohexane, ethenyl-	110	C8H14	000695-12-5	27
4	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	25
5	4-Ethylcyclohexene	110	C8H14	003742-42-5	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

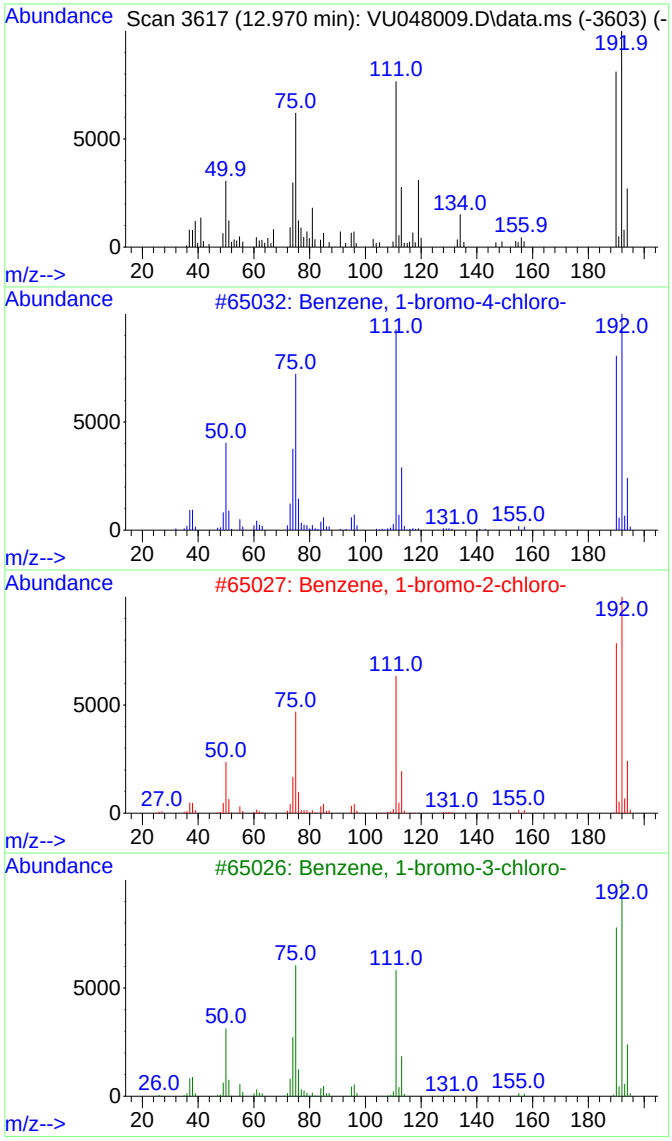
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

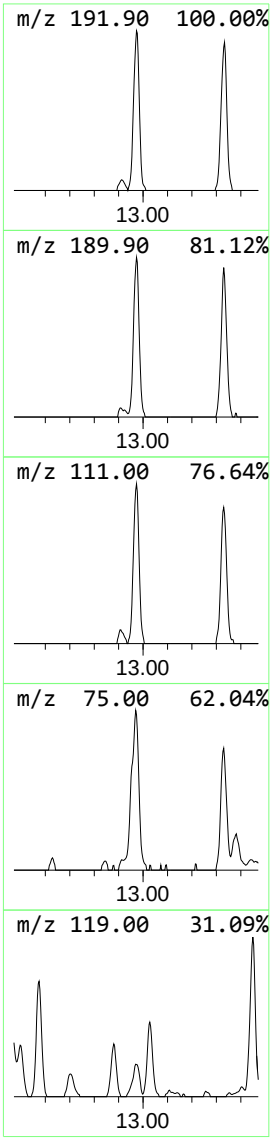
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-bromo-4-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.970	6.70 ug/L	94320	1,4-Dichlorobenzene-d4	11.816

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

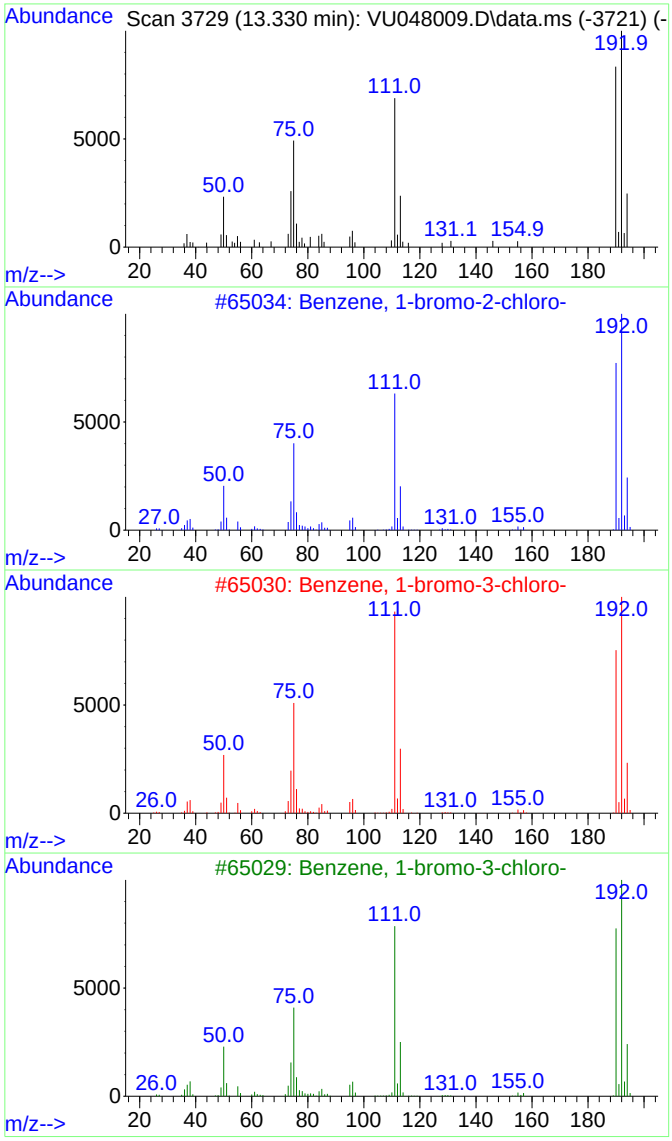
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

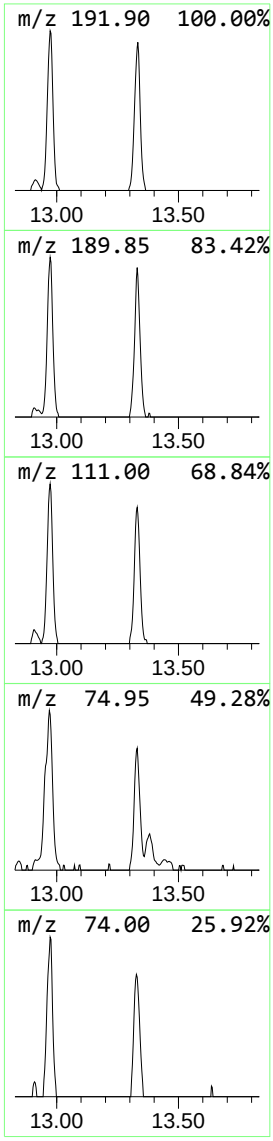
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-bromo-2-chloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.330	3.43 ug/L	48295	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-3-chloro-	190	C6H4BrCl	000108-37-2	98
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

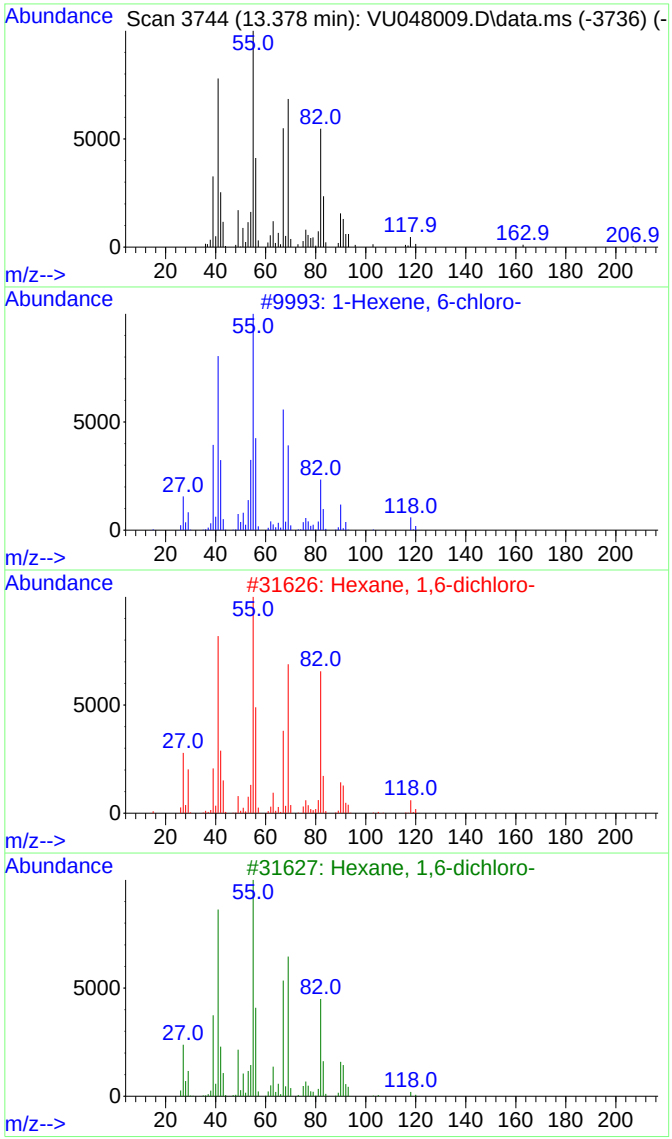
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

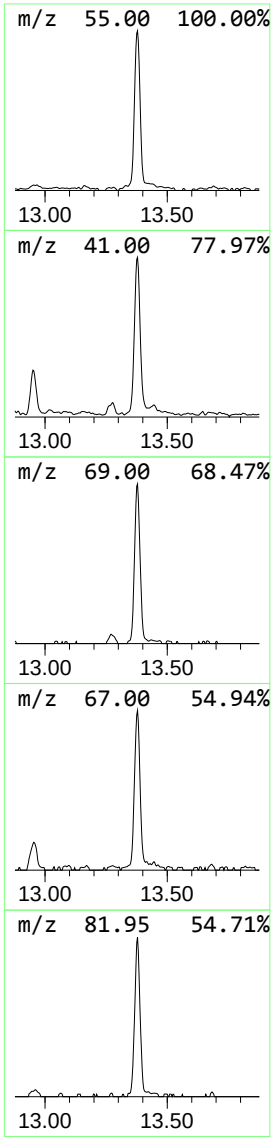
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1-Hexene, 6-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.378	10.61 ug/L	149270	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 6-chloro-	118	C6H11Cl	000928-89-2	76
2	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	72
3	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	72
4	cis-2-Hexen-1-ol, pentafluoropro...	246	C9H11F5O2	1000352-74-1	50
5	Cyclohexane, chloro-	118	C6H11Cl	000542-18-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

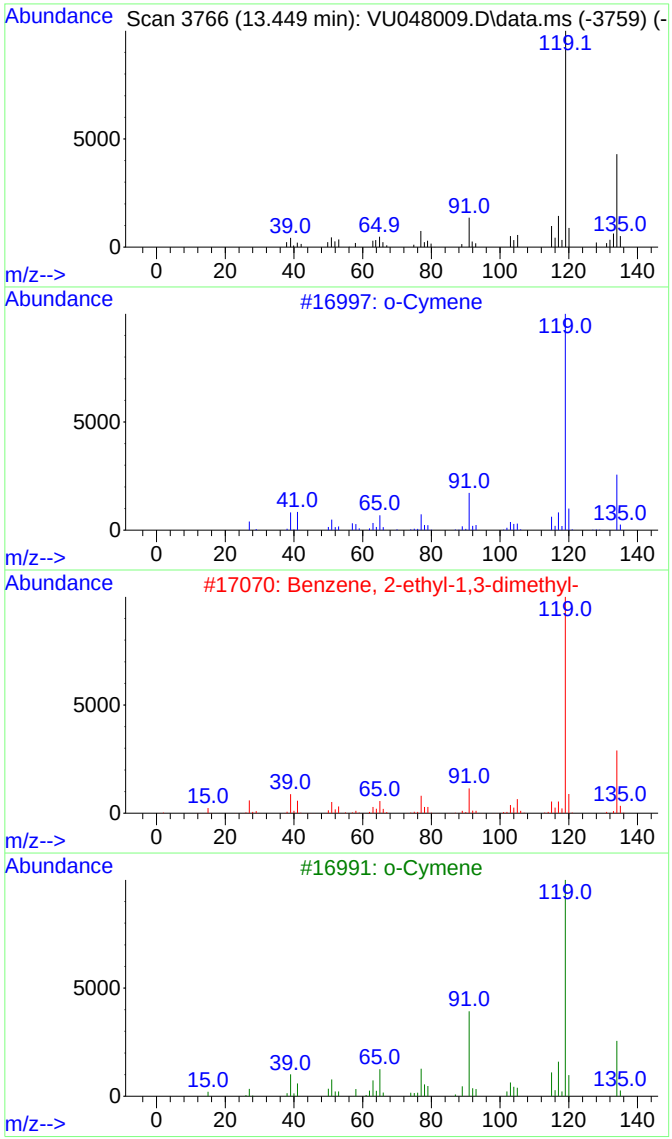
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

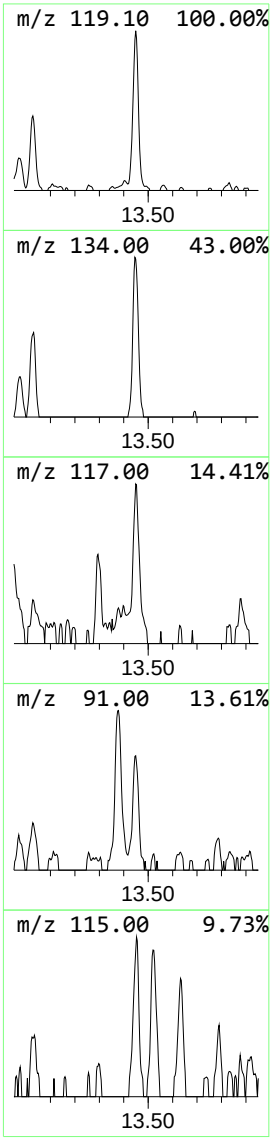
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 o-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	3.09 ug/L	43538	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

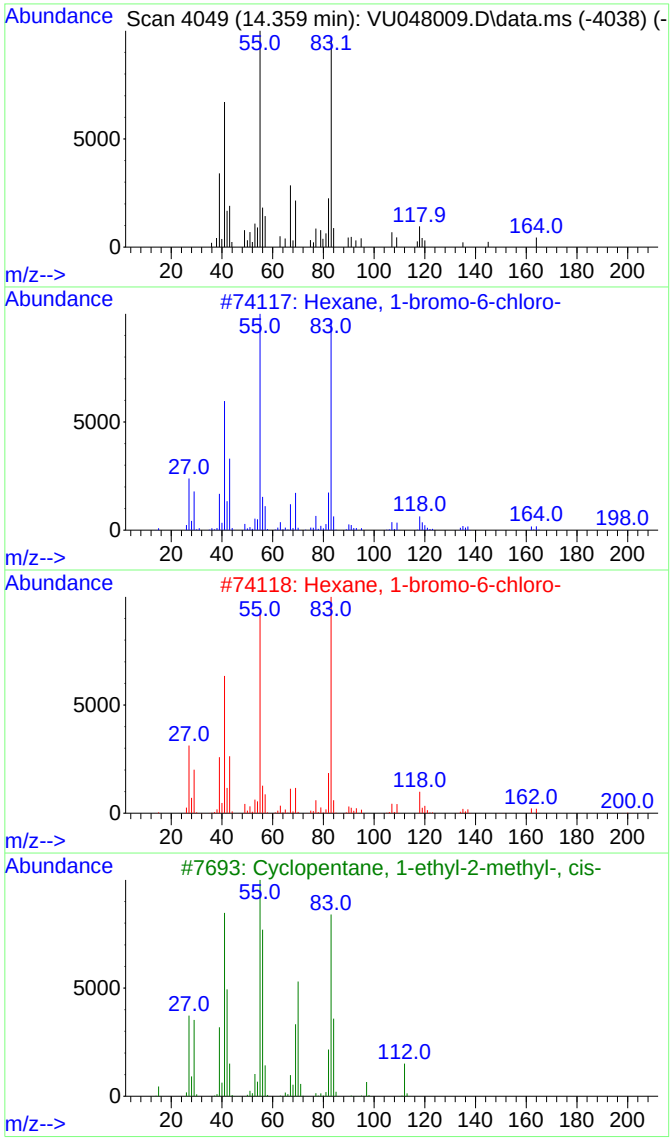
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

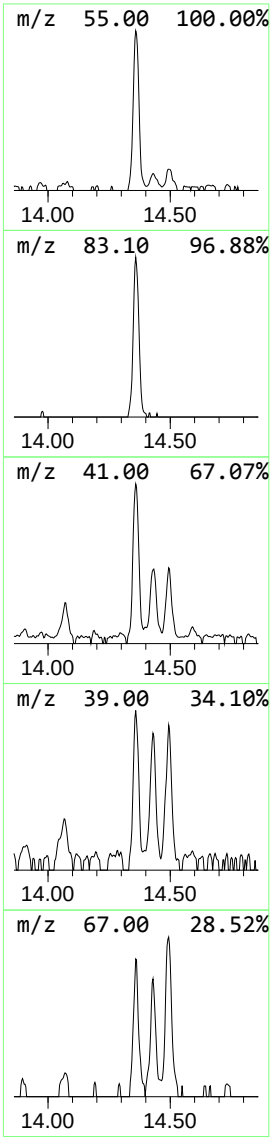
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Hexane, 1-bromo-6-chloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.359	3.22 ug/L	45268	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	86
2	Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	86
3	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	59
4	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	59
5	Oxalic acid, cyclohexyl isohexyl...	256	C14H24O4	1010309-30-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

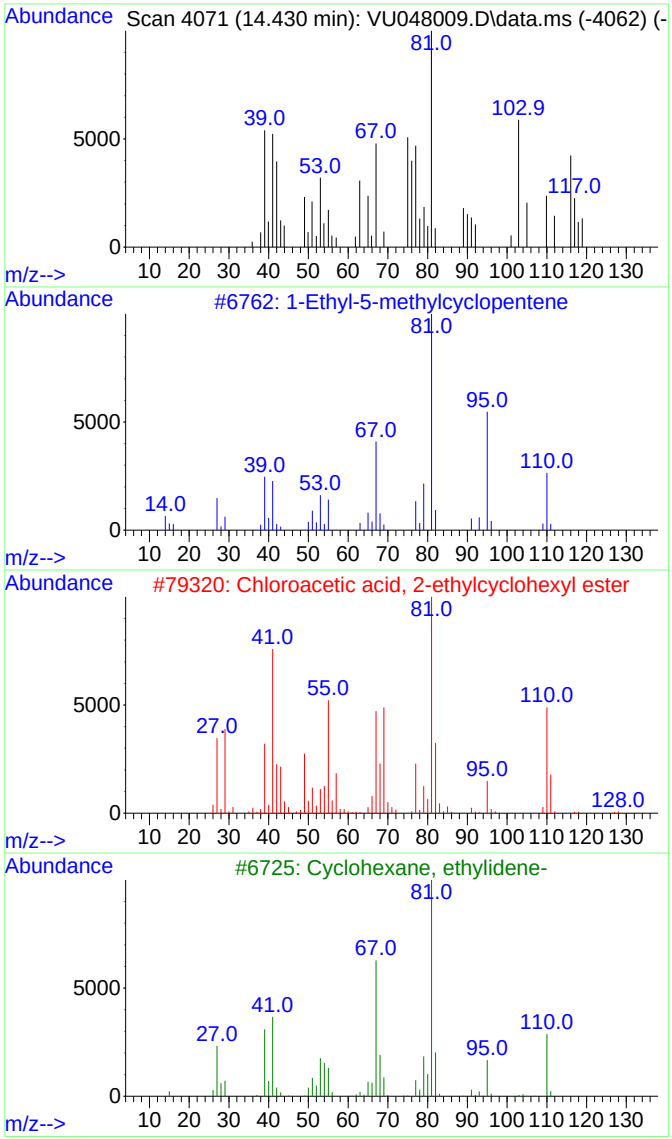
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

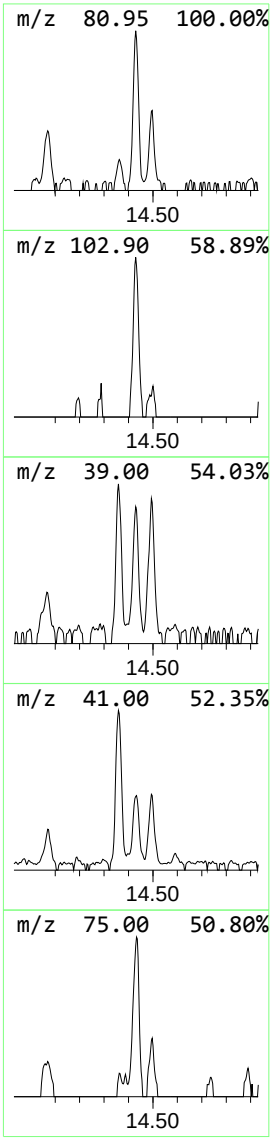
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 unknown-03 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.430	2.69 ug/L	37923	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	25
2	Chloroacetic acid, 2-ethylcycloh...	204	C10H17ClO2	1000279-89-1	22
3	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	18
4	1-Pentene, 5-chloro-4-(chloromet...	152	C6H10Cl2	027990-74-5	16
5	3-Chloropropanoic acid, 2-ethylc...	218	C11H19ClO2	1000282-65-7	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

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

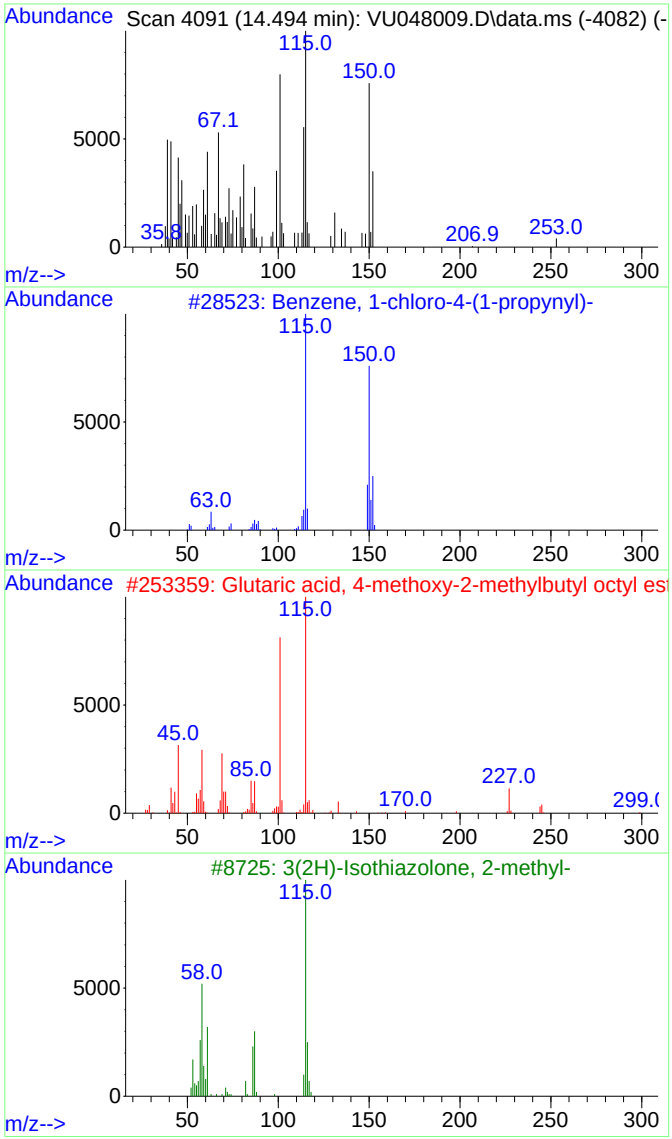
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

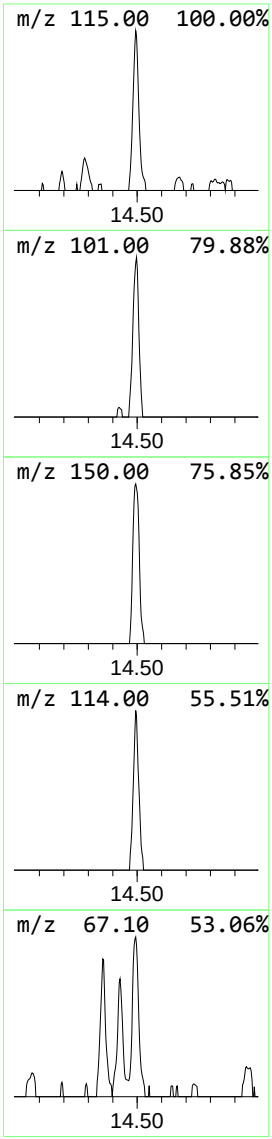
****

Peak Number 15 unknown-04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.494	3.90 ug/L	54943	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	Glutaric acid, 4-methoxy-2-methy...	344	C19H36O5	1000359-41-7	27
3	3(2H)-Isothiazolone, 2-methyl-	115	C4H5NOS	002682-20-4	22
4	Silane, ethenylethoxydimethyl-	130	C6H14OSi	005356-83-2	18
5	Imidazole, 2-methyl-4-trifluorom...	150	C5H5F3N2	033468-67-6	11





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

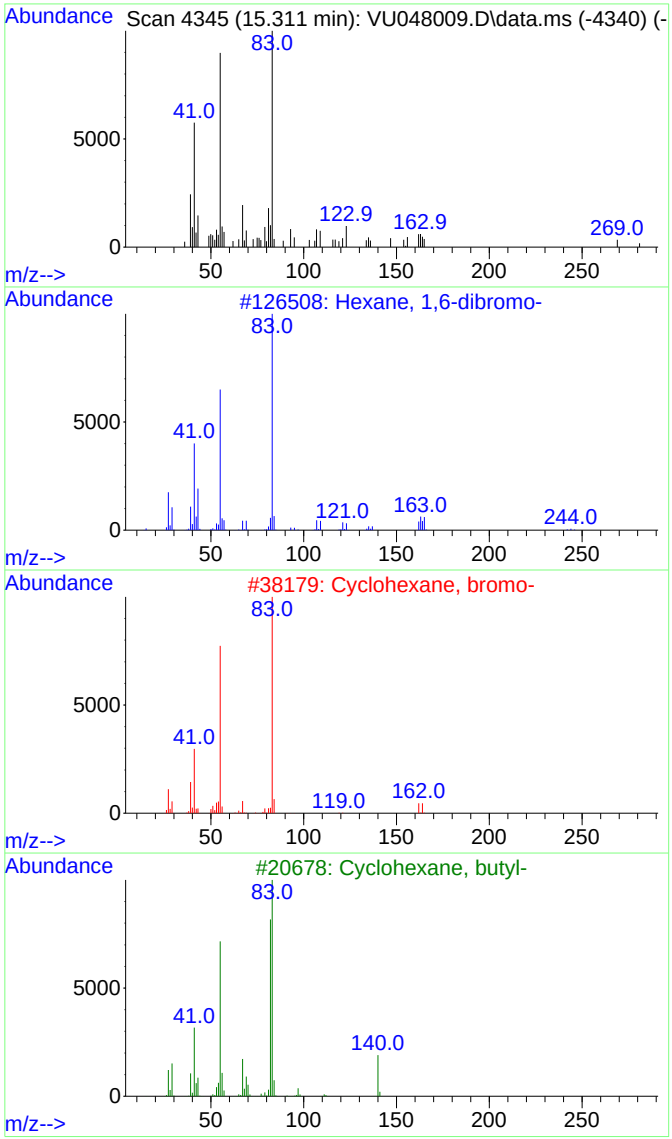
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

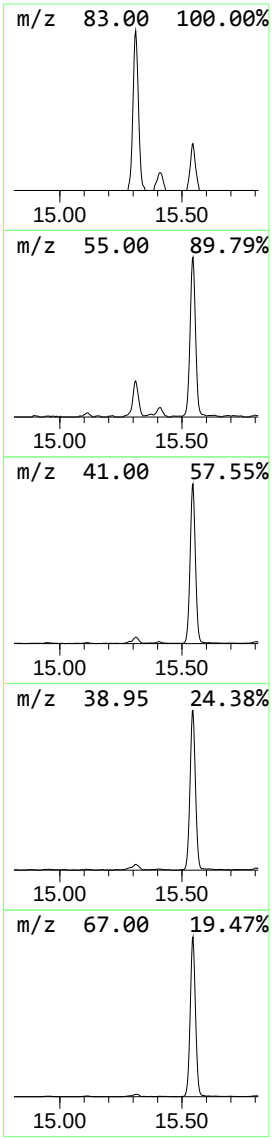
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Hexane, 1,6-dibromo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.311	3.48 ug/L	48973	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	59
2	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	53
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	45
4	Hexanal di-cis-3-hexenyl acetal	282	C18H34O2	1000430-94-7	45
5	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

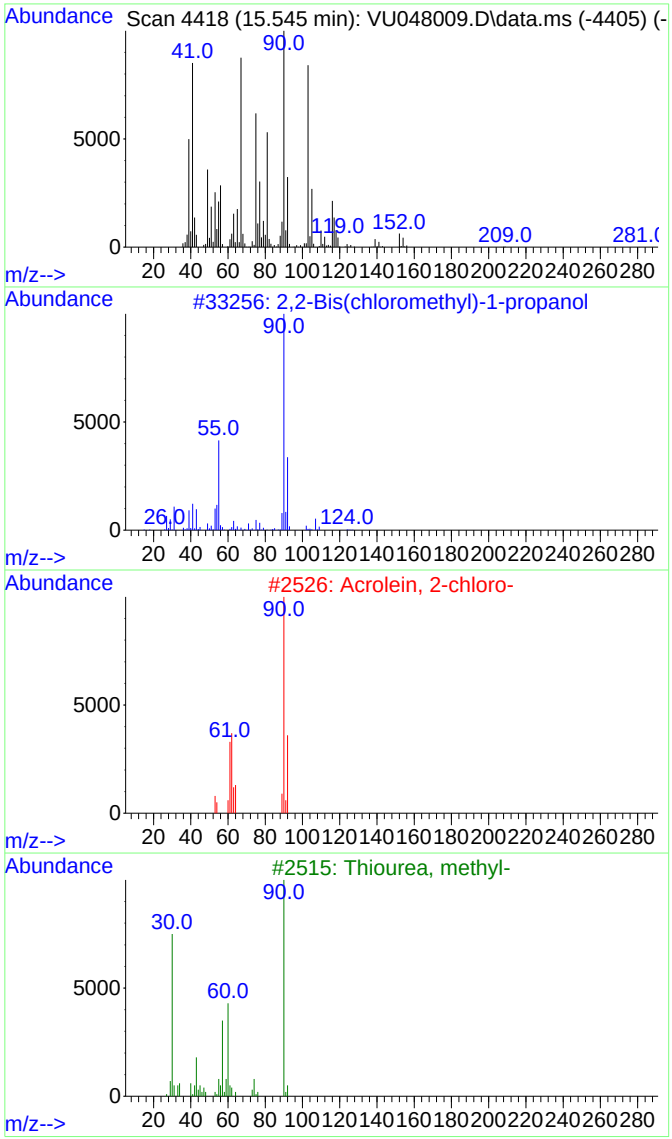
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

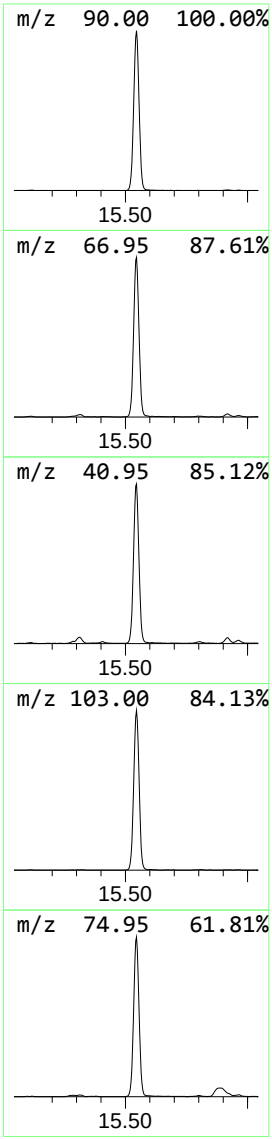
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 unknown-05 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.545	107.66 ug/L	1515150	1,4-Dichlorobenzene-d4	11.816

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	Thiourea, methyl-	90	C2H6N2S	000598-52-7	35
4	Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	28
5	1,3,5-Trichloro-4-methyl-2-penta...	202	C6H9Cl3O	1000140-03-8	25





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Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

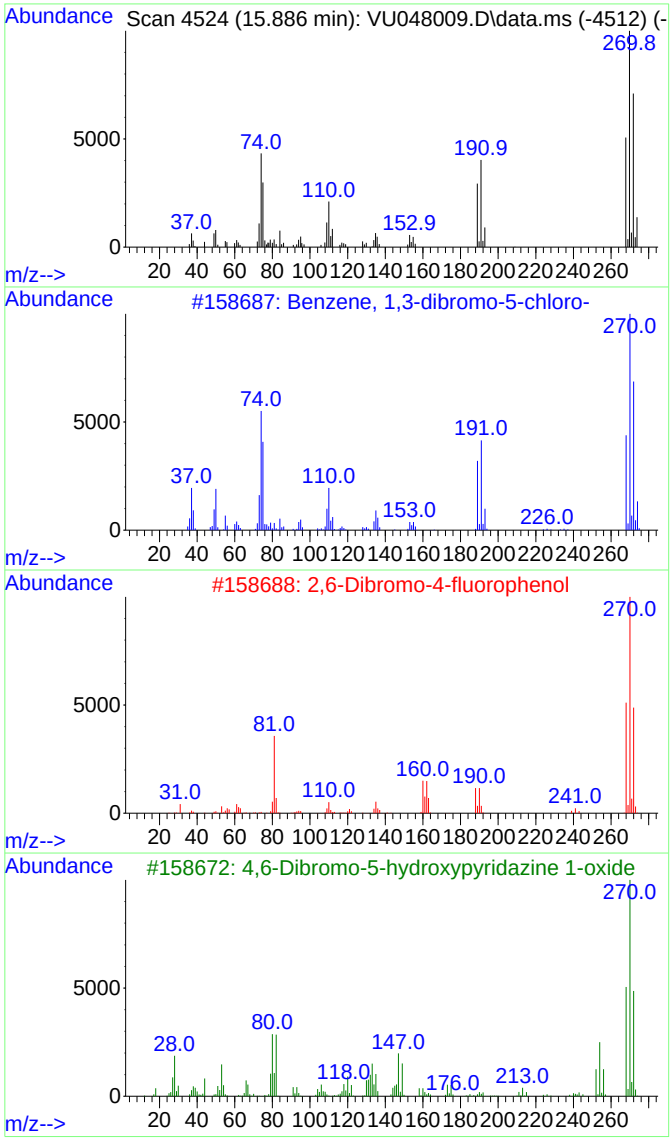
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

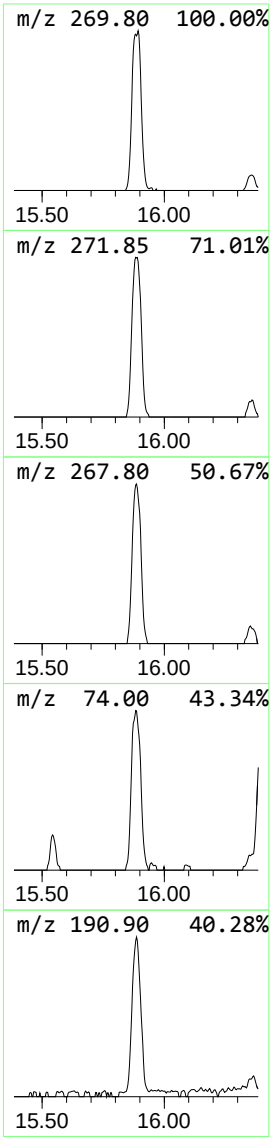
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1,3-dibromo-5-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.886	14.75 ug/L	207618	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	94
2	2,6-Dibromo-4-fluorophenol	268	C6H3Br2FO	000344-20-7	46
3	4,6-Dibromo-5-hydroxypyridazine ...	268	C4H2Br2N2O2	019971-61-0	46
4	3,4-Dibromo-5-nitro-2H-pyrazole	269	C3HBr2N3O2	1000444-21-3	38
5	4-Bromo-7-methylbenzo(b)thiophen...	270	C10H7BrO2S	001467-90-9	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

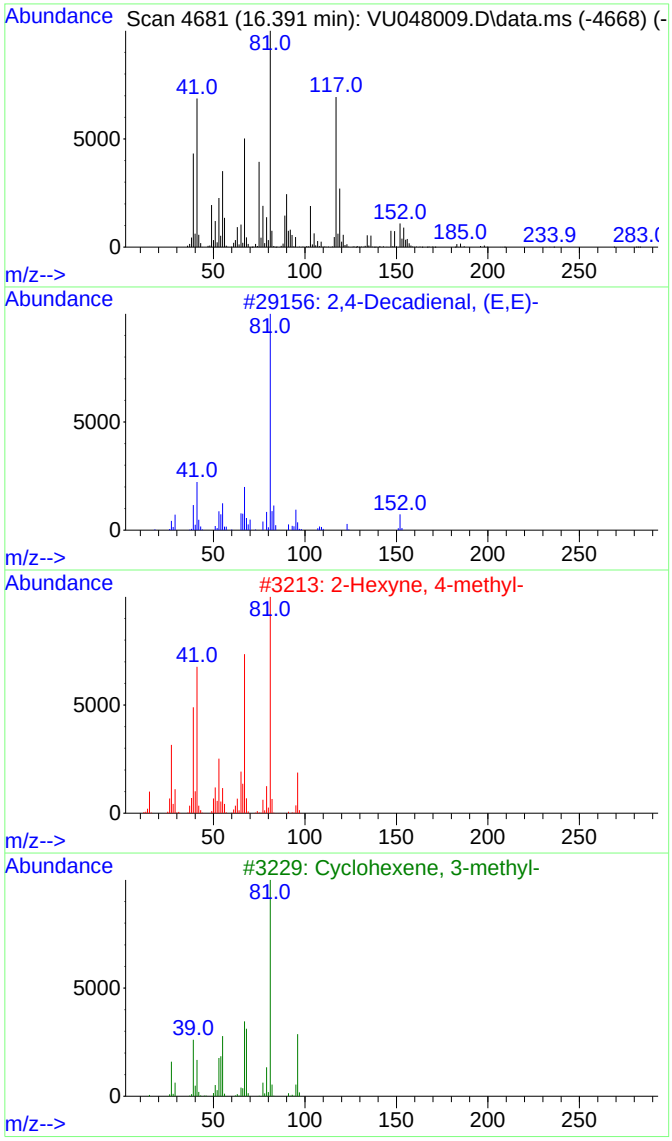
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

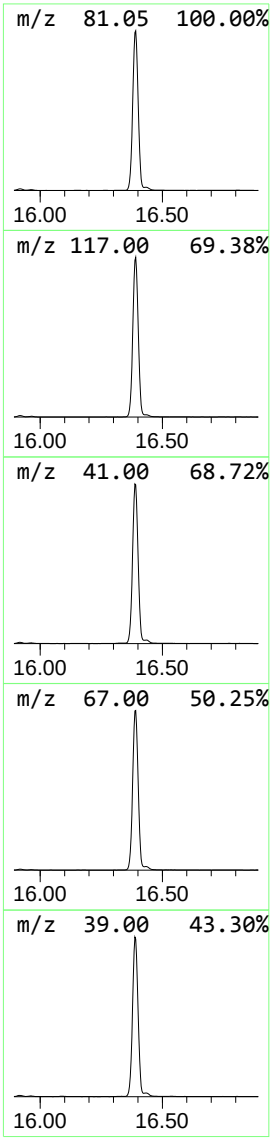
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 unknown-06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.391	487.45 ug/L	6860290	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	14
2	2-Hexyne, 4-methyl-	96	C7H12	020198-49-6	10
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	10
4	2-Furanacetaldehyde, .alpha.-pro...	152	C9H12O2	031681-26-2	10
5	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

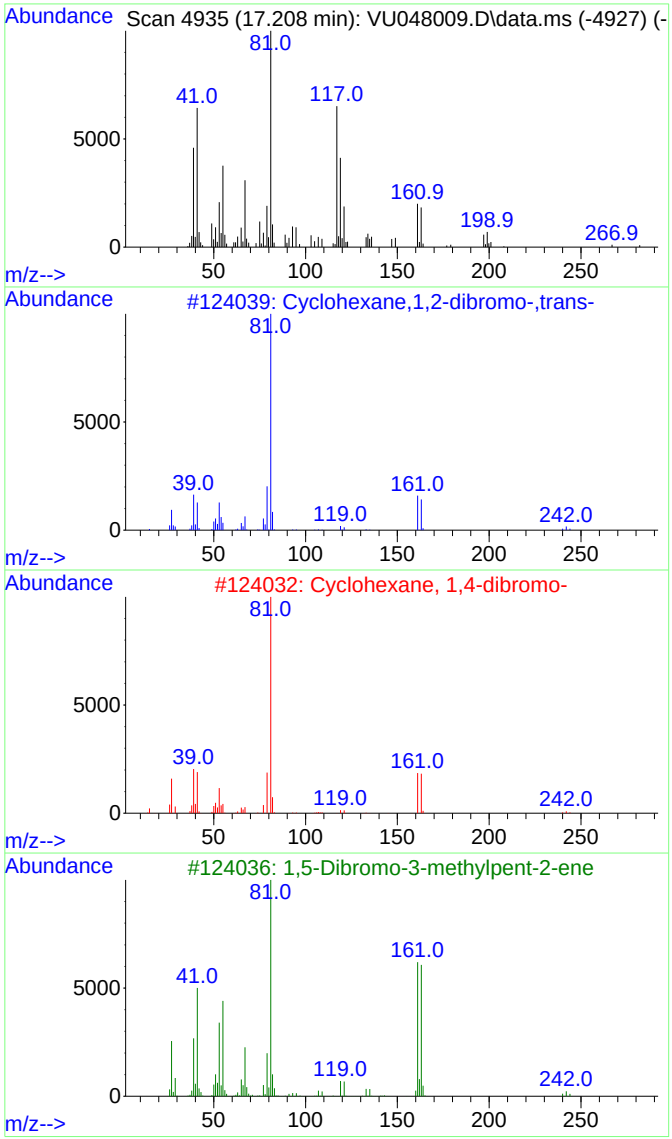
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

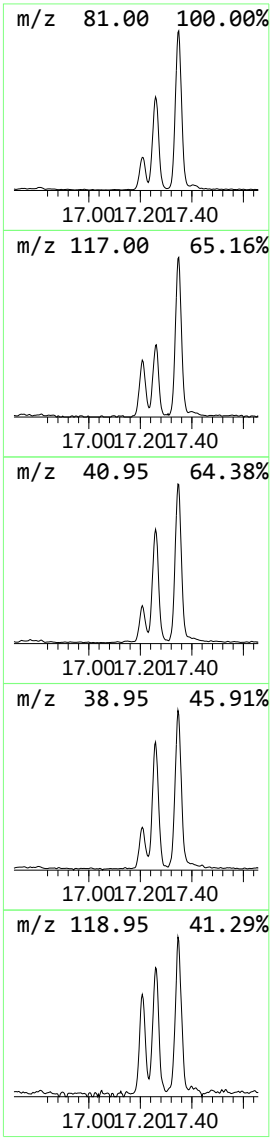
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 unknown-07 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.208	7.51 ug/L	105660	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane,1,2-dibromo-,trans-	240	C6H10Br2	007429-37-0	38
2	Cyclohexane, 1,4-dibromo-	240	C6H10Br2	035076-92-7	38
3	1,5-Dibromo-3-methylpent-2-ene	240	C6H10Br2	133545-67-2	37
4	2-Hexyne, 4-methyl-	96	C7H12	020198-49-6	35
5	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

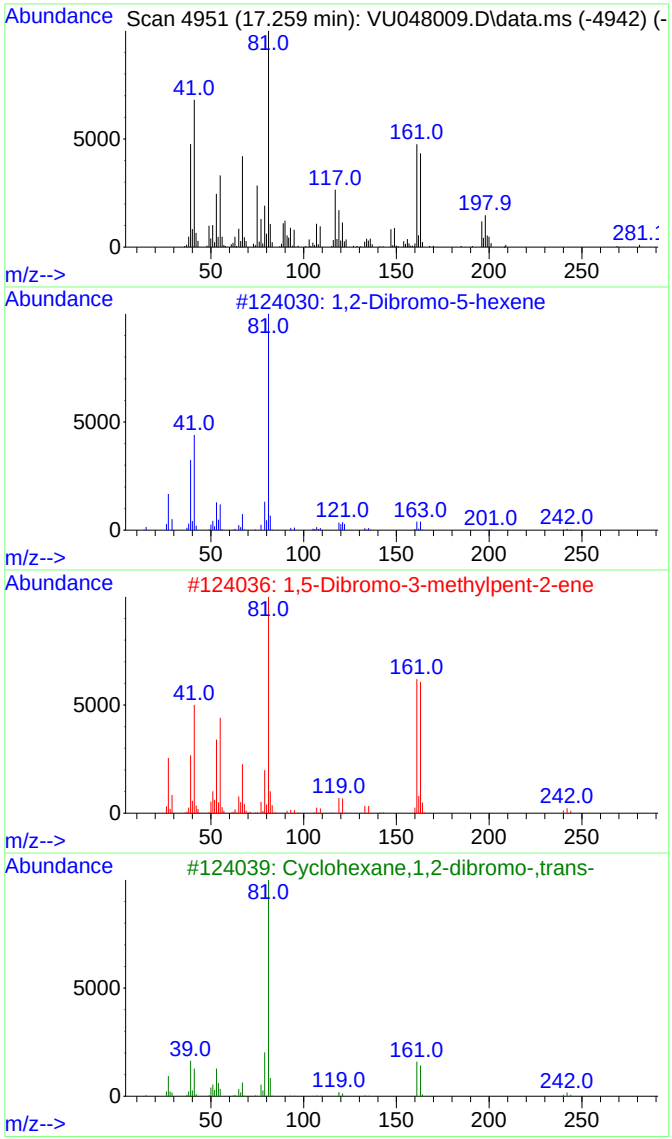
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

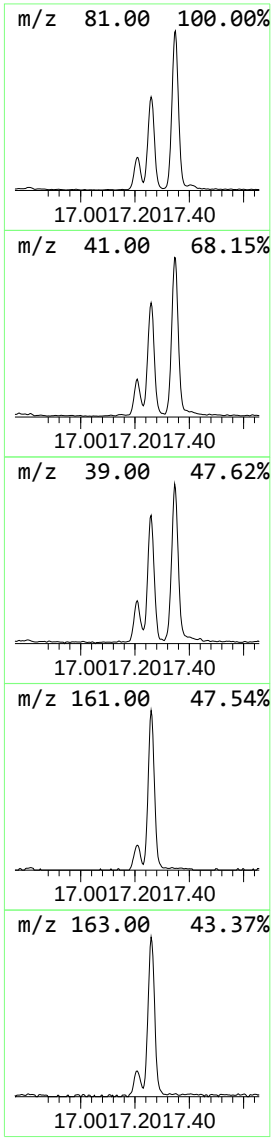
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 unknown-08 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.259	26.45 ug/L	372256	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dibromo-5-hexene	240	C6H10Br2	004285-48-7	47
2	1,5-Dibromo-3-methylpent-2-ene	240	C6H10Br2	133545-67-2	40
3	Cyclohexane,1,2-dibromo-,trans-	240	C6H10Br2	007429-37-0	38
4	Isomyocorene	136	C10H16	006876-07-9	35
5	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

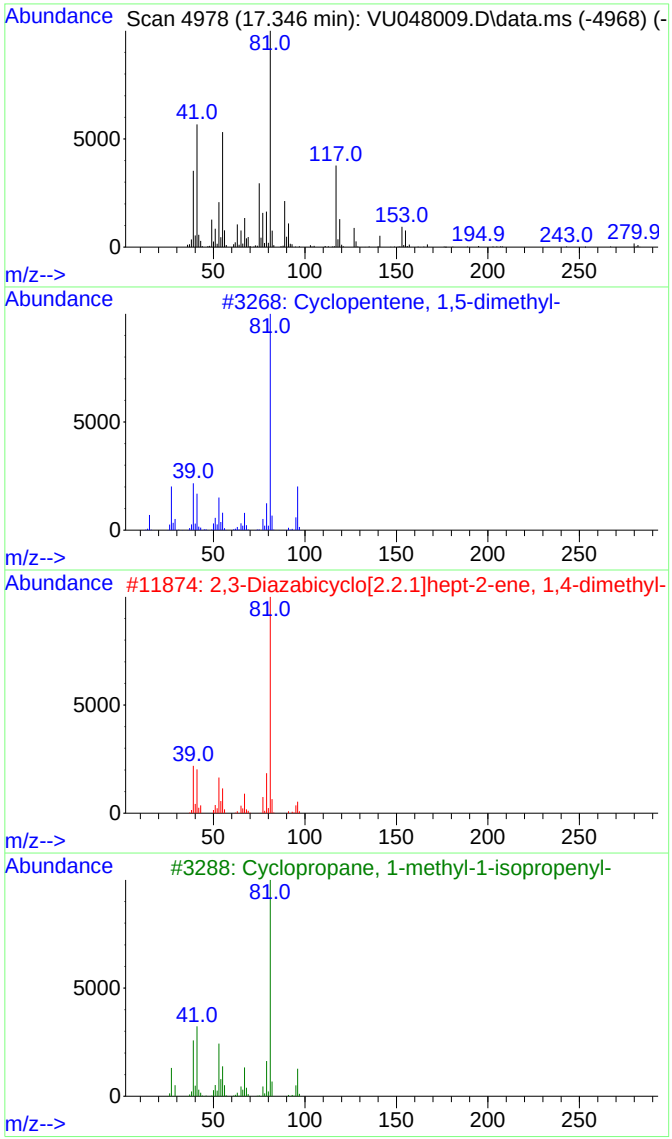
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

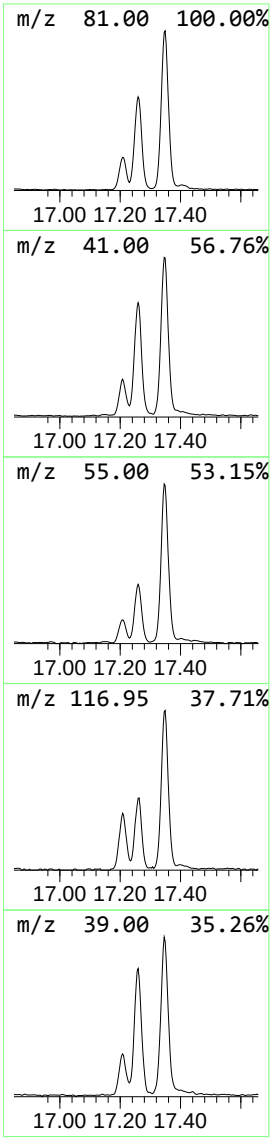
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 unknown-09 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.346	33.61 ug/L	473049	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	38
2	2,3-Diazabicyclo[2.2.1]hept-2-en...	124	C7H12N2	071312-54-4	38
3	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	38
4	2(5H)-Furanone, 5-(2-furanylmeth...	178	C10H10O3	031969-27-4	32
5	1,4-Pentadiene, 3,3-dimethyl-	96	C7H12	001112-35-2	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048009.D
Acq On : 13 Apr 2022 17:21
Operator : SY/MD
Sample : N2316-08ME
Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ7ME

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: C...	3.112	3.0	ug/L	25510	1	6.247	419010	50.0
unknown-01	7.182	3.7	ug/L	30829	1	6.247	419010	50.0
2H-Pyran, tetra...	7.497	6.7	ug/L	56461	1	6.247	419010	50.0
2-Hexenal, (E)-	8.362	3.9	ug/L	46189	2	9.420	588679	50.0
Propane, 1,3-di...	8.578	3.9	ug/L	45846	2	9.420	588679	50.0
2-Cyclopenten-1...	10.706	2.8	ug/L	39127	3	11.816	703690	50.0
unknown-02	11.954	3.3	ug/L	46552	3	11.816	703690	50.0
Benzene, 1-brom...	12.970	6.7	ug/L	94320	3	11.816	703690	50.0
Benzene, 1-brom...	13.330	3.4	ug/L	48295	3	11.816	703690	50.0
1-Hexene, 6-chl...	13.378	10.6	ug/L	149270	3	11.816	703690	50.0
o-Cymene	13.449	3.1	ug/L	43538	3	11.816	703690	50.0
Hexane, 1-bromo...	14.359	3.2	ug/L	45268	3	11.816	703690	50.0
unknown-03	14.430	2.7	ug/L	37923	3	11.816	703690	50.0
unknown-04	14.494	3.9	ug/L	54943	3	11.816	703690	50.0
Hexane, 1,6-dib...	15.311	3.5	ug/L	48973	3	11.816	703690	50.0
unknown-05	15.545	107.7	ug/L	1515150	3	11.816	703690	50.0
Benzene, 1,3-di...	15.886	14.8	ug/L	207618	3	11.816	703690	50.0
unknown-06	16.391	487.4	ug/L	6860290	3	11.816	703690	50.0
unknown-07	17.208	7.5	ug/L	105660	3	11.816	703690	50.0
unknown-08	17.259	26.4	ug/L	372256	3	11.816	703690	50.0
unknown-09	17.346	33.6	ug/L	473049	3	11.816	703690	50.0