LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048333.D
Acq On : 28 Apr 2022 12:05
Operator : SY/MD
Sample : N2587-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EXES9

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\SFAMULM042522WMA.M
Title : VOC Analysis

Signal : TIC: VU048333.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	25	rVB	57731	59312	0.47%	0.179%
2	1.520	42	56	68	rBV6	18487	54581	0.43%	0.165%
3	1.600	74	81	102	rBV	190332	250754	1.99%	0.759%
4	1.903	168	175	197	rVB	147070	223580	1.78%	0.677%
5	2.565	369	381	394	rBV	364267	600036	4.76%	1.816%
6	2.632	395	402	416	rVB	26606	48404	0.38%	0.146%
7	2.793	446	452	455	rBV5	1357	1421	0.01%	0.004%
8	2.915	482	490	495	rBV7	1350	2244	0.02%	0.007%
9	3.176	567	571	574	rBV3	1295	1289	0.01%	0.004%
10	3.584	689	698	707	rBV4	1190	2373	0.02%	0.007%
11	4.063	842	847	848	rBV3	762	594	0.00%	0.002%
12	4.439	953	964	965	rBV4	1800	2479	0.02%	0.008%
13	4.565	990	1003	1007	rBV4	1652	3286	0.03%	0.010%
14	4.626	1009	1022	1044	rBV	189356	472517	3.75%	1.430%
15	5.066	1141	1159	1184	rBV	315576	701452	5.57%	2.122%
16	5.250	1213	1216	1219	rBV3	867	761	0.01%	0.002%
17	5.375	1239	1255	1268	rBV3	2205	6415	0.05%	0.019%
18	5.726	1340	1364	1403	rBV2	670984	1861409	14.78%	5.632%
19	6.118	1480	1486	1490	rBV4	634	699	0.01%	0.002%
20	6.250	1512	1527	1551	rVV	568224	1075389	8.54%	3.254%
21	6.475	1587	1597	1605	rBV3	8424	15662	0.12%	0.047%
22	6.690	1649	1664	1687	rBV	412960	816298	6.48%	2.470%
23	7.047	1770	1775	1778	rBV5	613	629	0.00%	0.002%
24	7.131	1796	1801	1808	rVV5	1197	1732	0.01%	0.005%
25	7.185	1808	1818	1835	rVB7	3694	8014	0.06%	0.024%
26	7.494	1905	1914	1923	rVB5	3400	5978	0.05%	0.018%
27	7.565	1923	1936	1961	rBV	234089	417680	3.32%	1.264%
28	7.684	1968	1973	1974	rBV4	1150	916	0.01%	0.003%
29	7.899	2025	2040	2056	rBV	855797	1485535	11.80%	4.495%
30	8.102	2096	2103	2105	rBV4	1734	2247	0.02%	0.007%
31	8.179	2115	2127	2145	rBV	163422	274016	2.18%	0.829%
32	8.356	2173	2182	2201	rVB5	10095	21175	0.17%	0.064%
33	8.475	2210	2219	2227	rBV3	6113	10527	0.08%	0.032%
34	8.529	2233	2236	2239	rBV2	827	737	0.01%	0.002%
35	8.574	2241	2250	2258	rVV3	25017	42011	0.33%	0.127%
36	8.635	2258	2269	2299	rVB	646582	1117393	8.87%	3.381%

LSC Area Percent Report

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Operator : SY/MD
Sample : N2587-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES9

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\SFAMULM042522WMA.M
Title : VOC Analysis

37	8.777	2307	2313	2329	rVB8	8836	19204	0.15%	0.058%
38	8.889	2341	2348	2353	rBV6	1696	2154	0.02%	0.007%
39	9.179	2432	2438	2448	rVB6	1210	2229	0.02%	0.007%
40	9.362	2482	2495	2500	rBV4	8746	14187	0.11%	0.043%
41	9.417	2500	2512	2545	rVB	803157	1447531	11.49%	4.380%
42	9.578	2552	2562	2570	rBV5	10372	16768	0.13%	0.051%
43	9.780	2618	2625	2627	rBV5	1928	2159	0.02%	0.007%
44	9.822	2636	2638	2642	rBV4	862	774	0.01%	0.002%
45	9.861	2647	2650	2654	rVB2	1220	882	0.01%	0.003%
46	9.941	2667	2675	2684	rVB3	9222	14560	0.12%	0.044%
47	9.992	2684	2691	2698	rBV5	2436	4515	0.04%	0.014%
48	10.069	2711	2715	2720	rBV6	2693	3702	0.03%	0.011%
49	10.217	2750	2761	2778	rVB7	6369	13679	0.11%	0.041%
50	10.346	2792	2801	2808	rVB6	2594	4354	0.03%	0.013%
51	10.401	2808	2818	2831	rBV9	5394	11179	0.09%	0.034%
52	10.578	2870	2873	2880	rVB5	1357	1424	0.01%	0.004%
53	10.664	2889	2900	2901	rBV5	4371	6158	0.05%	0.019%
54	10.700	2902	2911	2918	rVV2	36329	66858	0.53%	0.202%
55	10.758	2918	2929	2958	rVB	668910	1119719	8.89%	3.388%
56	10.893	2963	2971	2986	rVB	11534	21239	0.17%	0.064%
57	10.973	2987	2996	3001	rBV4	2220	3267	0.03%	0.010%
58	11.111	3035	3039	3041	rBV2	1012	919	0.01%	0.003%
59	11.250	3075	3082	3091	rBV3	3414	4383	0.03%	0.013%
60	11.314	3098	3102	3112	rVB6	1146	1854	0.01%	0.006%
61	11.375	3112	3121	3129	rBV5	2227	3270	0.03%	0.010%
62	11.471	3142	3151	3159	rBV3	15298	26161	0.21%	0.079%
63	11.590	3178	3188	3204	rVB8	11641	24723	0.20%	0.075%
64	11.690	3213	3219	3230	rVB10	3948	6152	0.05%	0.019%
65	11.812	3244	3257	3272	rBV	879665	1370266	10.88%	4.146%
66	11.880	3273	3278	3288	rVV9	6167	10748	0.09%	0.033%
67	11.954	3290	3301	3316	rVB5	34061	59986	0.48%	0.182%
68	12.060	3325	3334	3355	rBV2	20677	41352	0.33%	0.125%
69	12.195	3363	3376	3407	rVB	891594	1489184	11.83%	4.506%
70	12.407	3436	3442	3450	rVB8	3249	5117	0.04%	0.015%
71	12.465	3455	3460	3466	rBV5	1496	2222	0.02%	0.007%
72	12.574	3491	3494	3500	rVV6	1219	1229	0.01%	0.004%
73	12.629	3500	3511	3521	rVV8	6811	11365	0.09%	0.034%
74	12.709	3528	3536	3544	rVB7	2439	3899	0.03%	0.012%
75	12.770	3548	3555	3558	rBV3	3075	3410	0.03%	0.010%
76	12.835	3568	3575	3585	rVB4	11384	17858	0.14%	0.054%

LSC Area Percent Report

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Operator : SY/MD
Sample : N2587-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES9

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\SFAMULM042522WMA.M
Title : VOC Analysis

77	12.886	3588	3591	3601	rVB7	3068	3667	0.03%	0.011%
78	12.957	3602	3613	3631	rVB6	50139	118954	0.94%	0.360%
79	13.082	3644	3652	3661	rBV8	2234	3953	0.03%	0.012%
80	13.272	3702	3711	3720	rBV3	9946	15361	0.12%	0.046%
81	13.327	3720	3728	3734	rBV2	20816	32743	0.26%	0.099%
82	13.375	3735	3743	3758	rVB	157807	236329	1.88%	0.715%
83	13.529	3779	3791	3807	rVB9	5282	12119	0.10%	0.037%
84	13.712	3840	3848	3864	rVB6	11800	25708	0.20%	0.078%
85	14.018	3938	3943	3948	rBV6	1364	2080	0.02%	0.006%
86	14.359	4039	4049	4057	rBV2	78680	124925	0.99%	0.378%
87	14.401	4058	4062	4078	rVB2	24646	41436	0.33%	0.125%
88	14.494	4079	4091	4104	rBV3	106177	177466	1.41%	0.537%
89	14.590	4111	4121	4135	rVB2	83825	129756	1.03%	0.393%
90	14.873	4203	4209	4215	rBV5	3324	4057	0.03%	0.012%
91	14.963	4231	4237	4246	rVB9	6217	9702	0.08%	0.029%
92	15.108	4274	4282	4290	rBV10	6804	10155	0.08%	0.031%
93	15.310	4328	4345	4356	rBV2	72284	139173	1.11%	0.421%
94	15.542	4405	4417	4431	rBV	2114125	3259404	25.88%	9.862%
95	15.802	4490	4498	4510	rVB3	30797	55983	0.44%	0.169%
96	15.912	4513	4532	4541	rVV5	56828	185400	1.47%	0.561%
97	15.963	4543	4548	4560	rVB4	18918	27021	0.21%	0.082%
98	16.388	4667	4680	4691	rBV	8161205	12592781	100.00%	38.104%
99	17.207	4927	4935	4942	rBV2	62070	95423	0.76%	0.289%
100	17.259	4942	4951	4967	rVB2	177262	294879	2.34%	0.892%

Sum of corrected areas: 33048660

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
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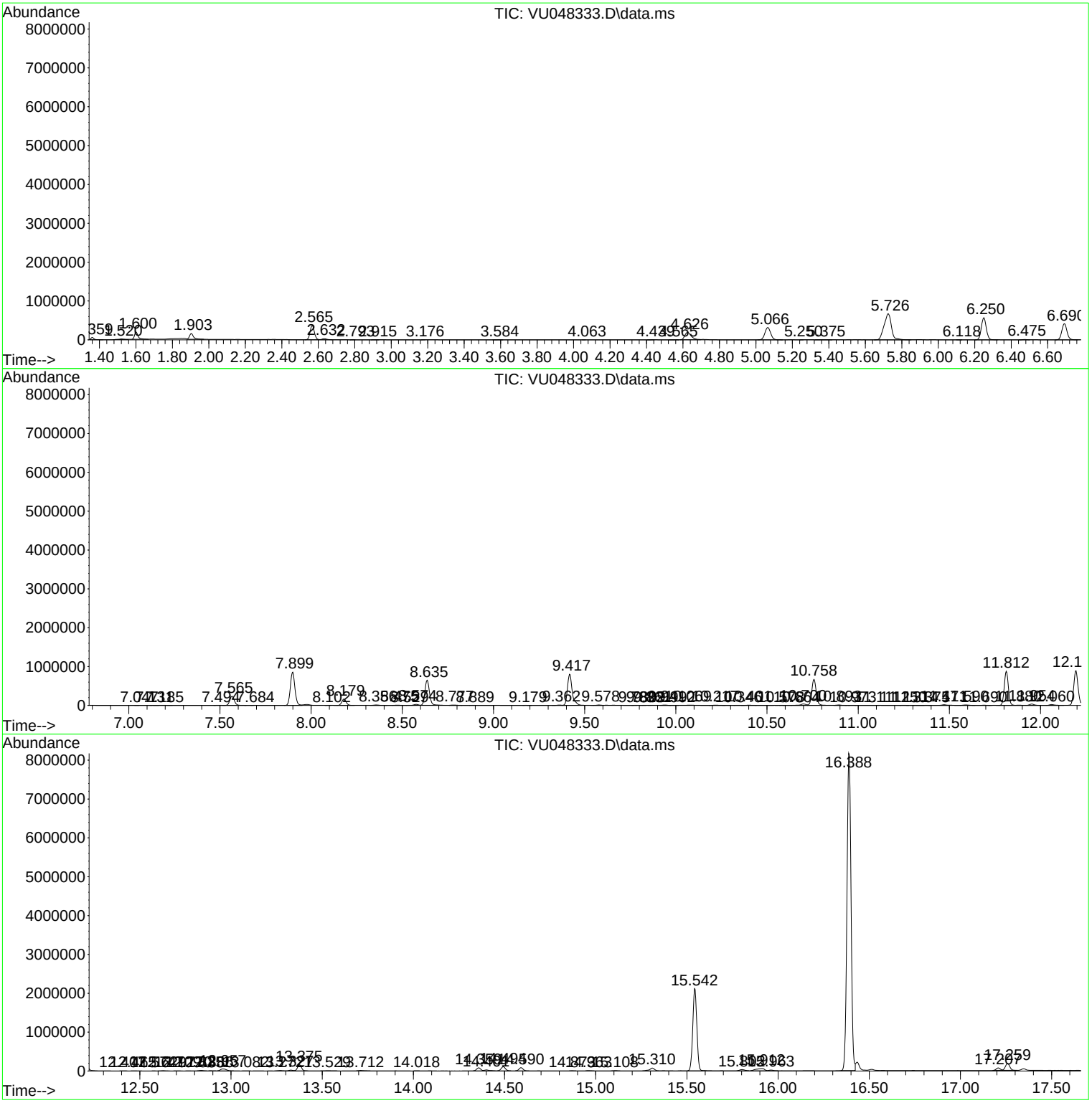
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048333.D
Acq On : 28 Apr 2022 12:05
Operator : SY/MD
Sample : N2587-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES9

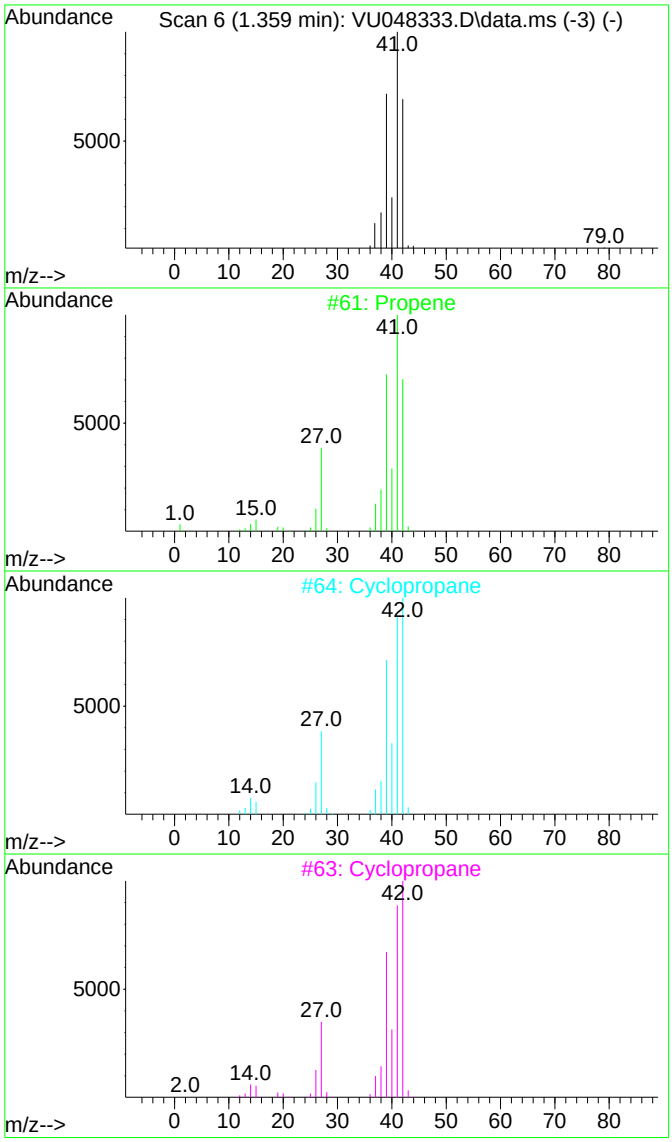
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

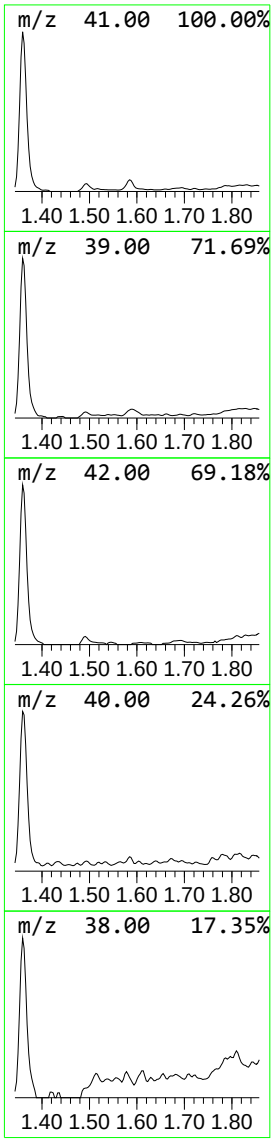
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.359	2.76 ug/L	59312	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	86
3	Cyclopropane	42	C3H6	000075-19-4	78
4	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	74
5	Propene	42	C3H6	000115-07-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048333.D
Acq On : 28 Apr 2022 12:05
Operator : SY/MD
Sample : N2587-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES9

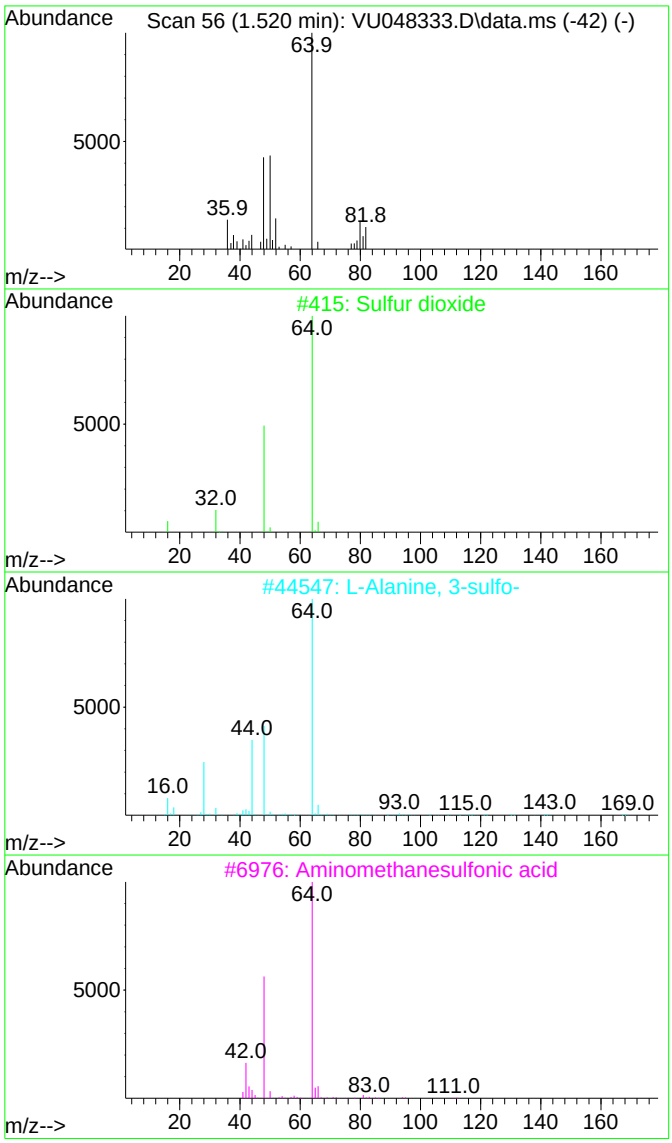
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

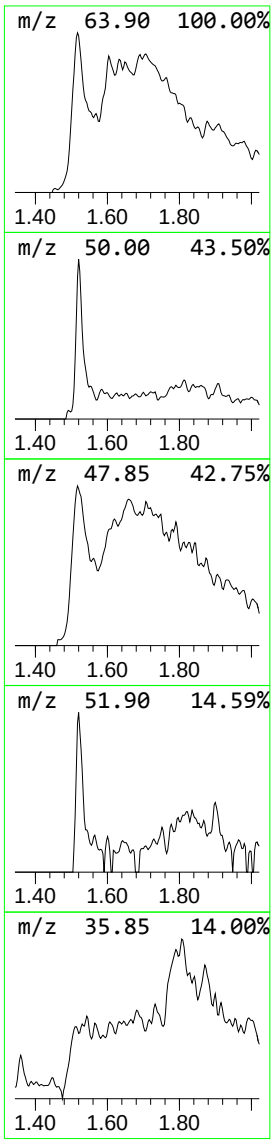
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.520	2.54 ug/L	54581	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	38
2	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048333.D
Acq On : 28 Apr 2022 12:05
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES9

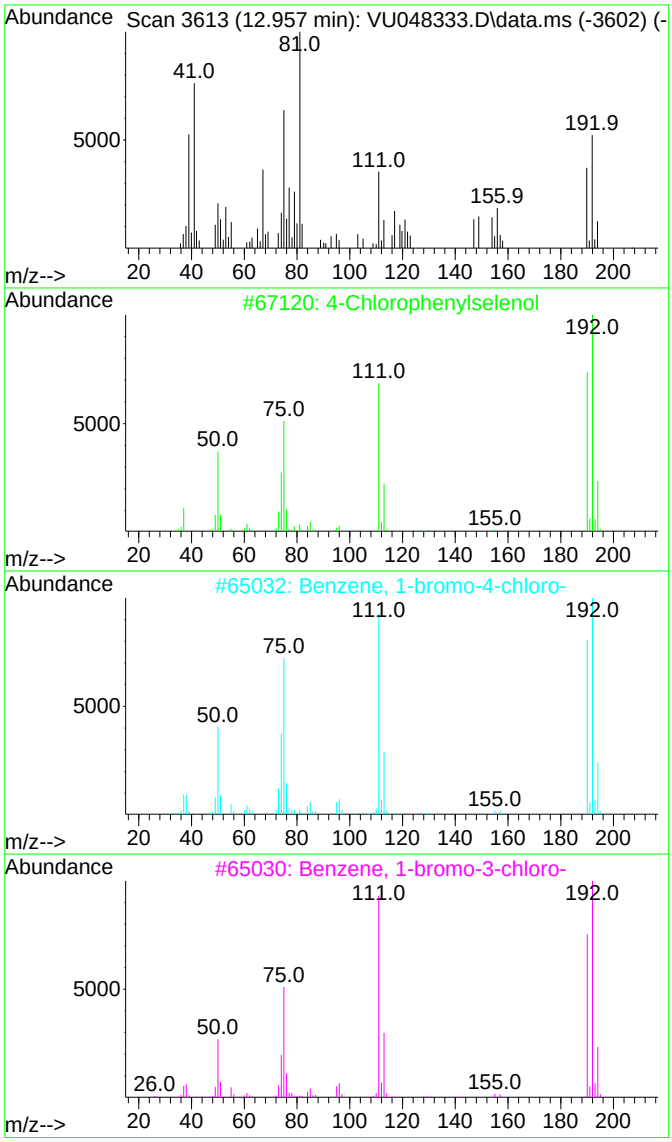
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

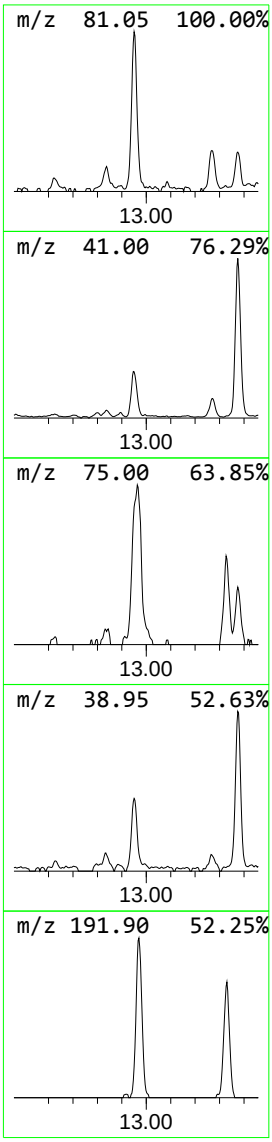
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4-Chlorophenylselenol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.957	4.34 ug/L	118954	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	94
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	86
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	55
4	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	49
5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	46





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES9

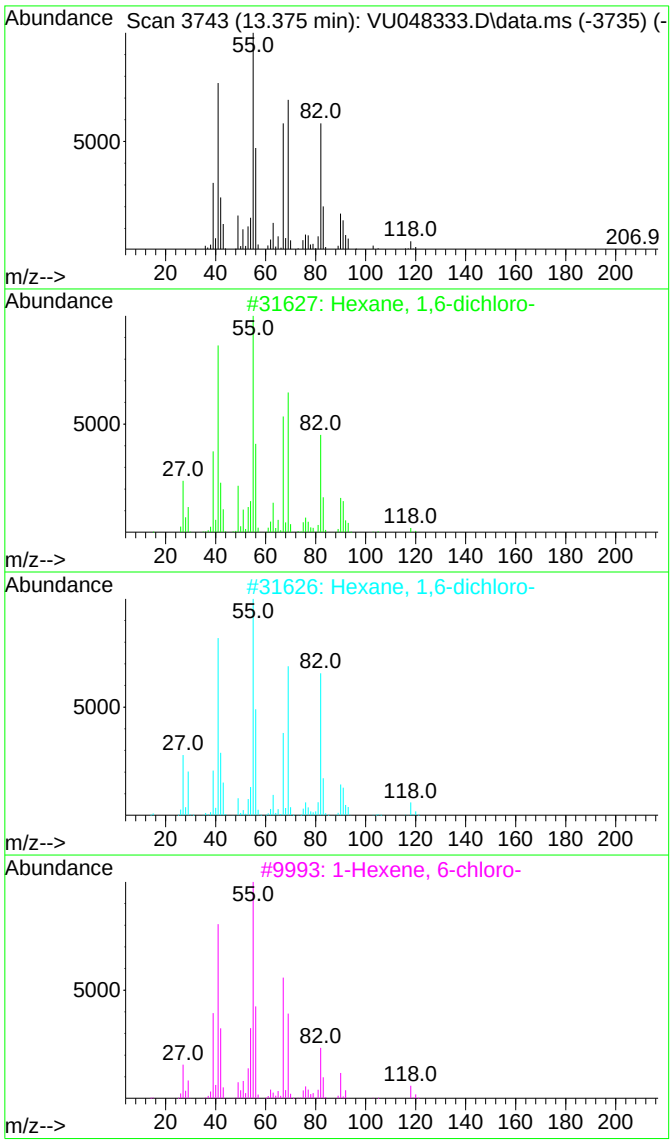
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

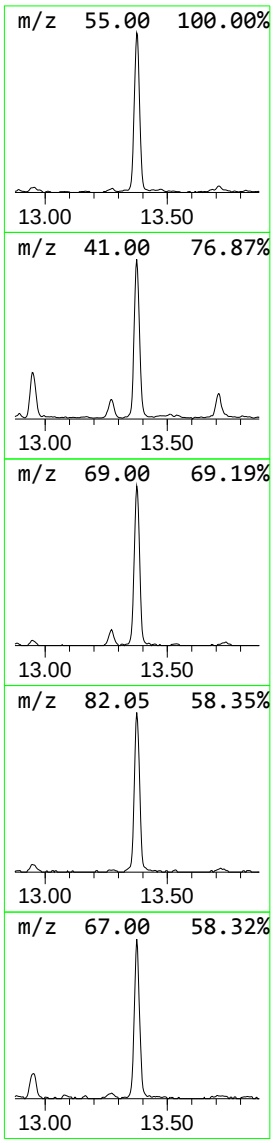
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexane, 1,6-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.375	8.62 ug/L	236329	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	90
2	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	80
3	1-Hexene, 6-chloro-	118	C6H11Cl	000928-89-2	50
4	Cyclohexane, chloro-	118	C6H11Cl	000542-18-7	43
5	Hexenyl angelate, 4z-	182	C11H18O2	1000383-63-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048333.D
Acq On : 28 Apr 2022 12:05
Operator : SY/MD
Sample : N2587-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES9

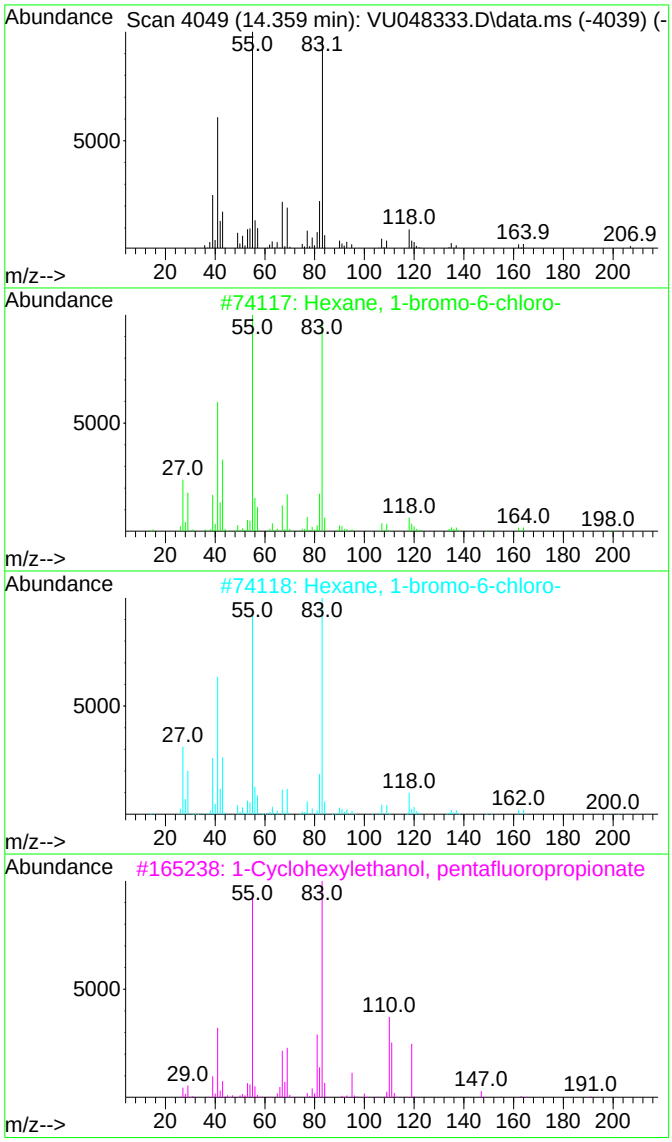
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

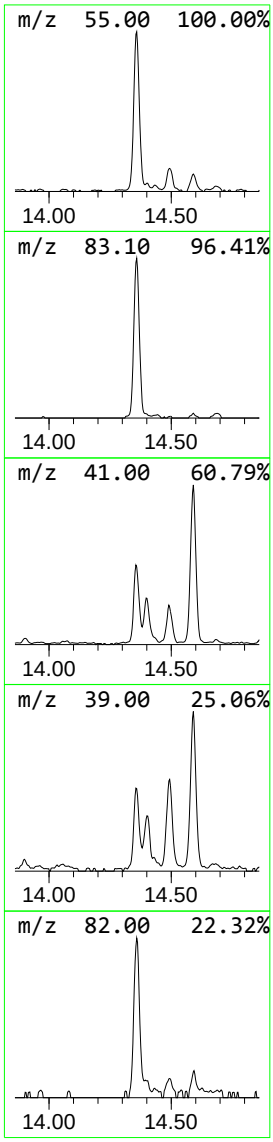
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexane, 1-bromo-6-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.359	4.56 ug/L	124925	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	86
2	Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	80
3	1-Cyclohexylethanol, pentafluoro...	274	C11H15F5O2	1000365-50-1	59
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	50
5	Oxalic acid, cyclohexyl pentyl e...	242	C13H22O4	1000309-30-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048333.D
Acq On : 28 Apr 2022 12:05
Operator : SY/MD
Sample : N2587-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

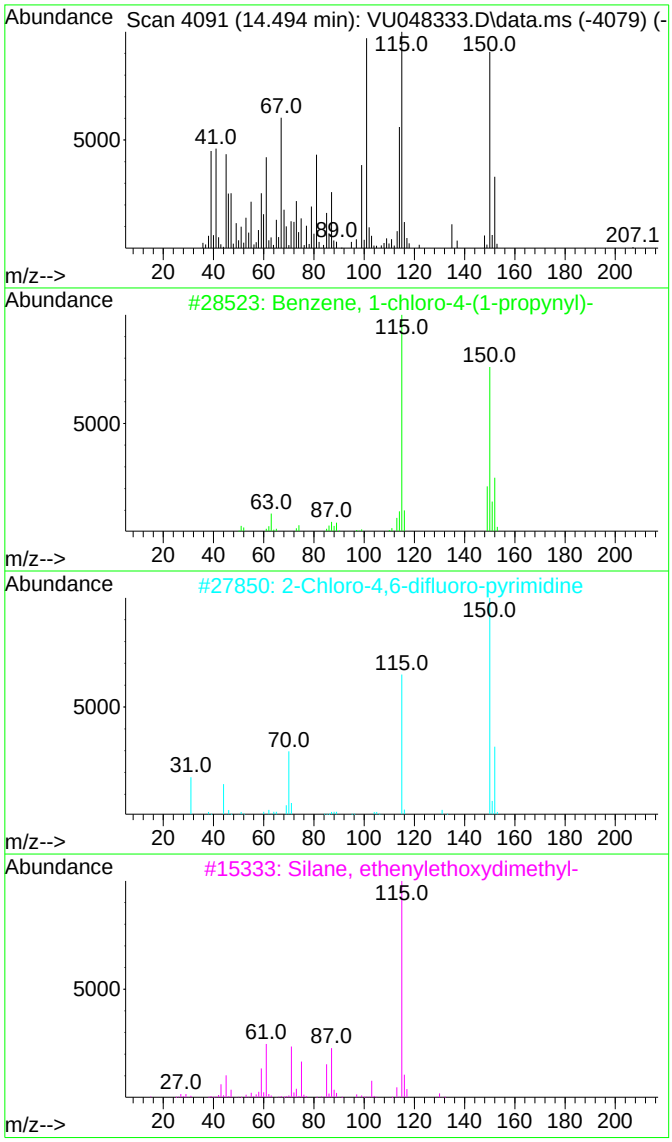
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

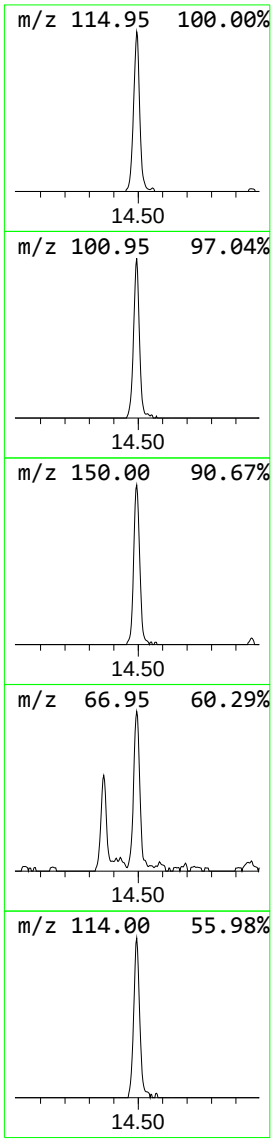
****

Peak Number 7 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.494	6.48 ug/L	177466	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-(1-propynyl)-	150	C9H7Cl	002809-65-6	38
2	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	27
3	Silane, ethenylethoxydimethyl-	130	C6H14OSi	005356-83-2	18
4	Isopropyl isothiocyanate	101	C4H7NS	002253-73-8	11
5	2-Piperidinethione	115	C5H9NS	013070-01-4	11





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048333.D
Acq On : 28 Apr 2022 12:05
Operator : SY/MD
Sample : N2587-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES9

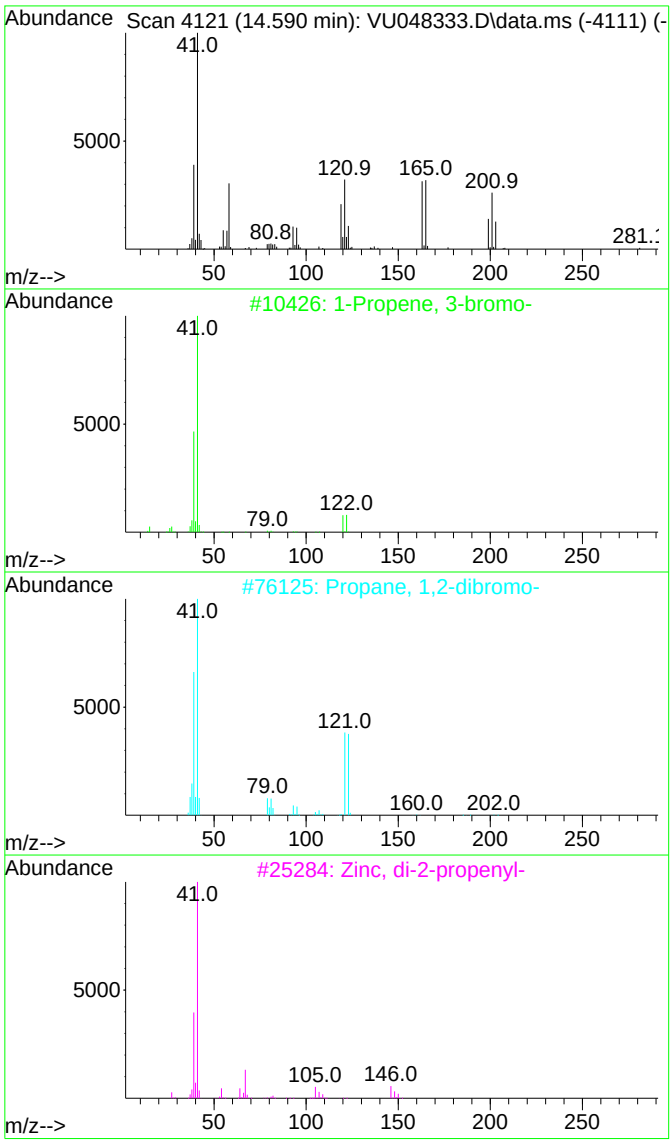
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

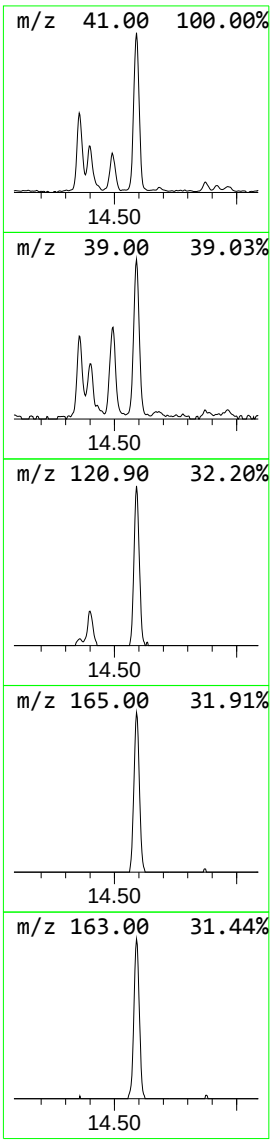
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 unknown-03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.590	4.73 ug/L	129756	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	10
2	Propane, 1,2-dibromo-	200	C3H6Br2	000078-75-1	9
3	Zinc, di-2-propenyl-	146	C6H10Zn	001802-55-7	9
4	Propane, 1,3-dibromo-	200	C3H6Br2	000109-64-8	9
5	Propane, 1,3-dibromo-	200	C3H6Br2	000109-64-8	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048333.D
Acq On : 28 Apr 2022 12:05
Operator : SY/MD
Sample : N2587-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES9

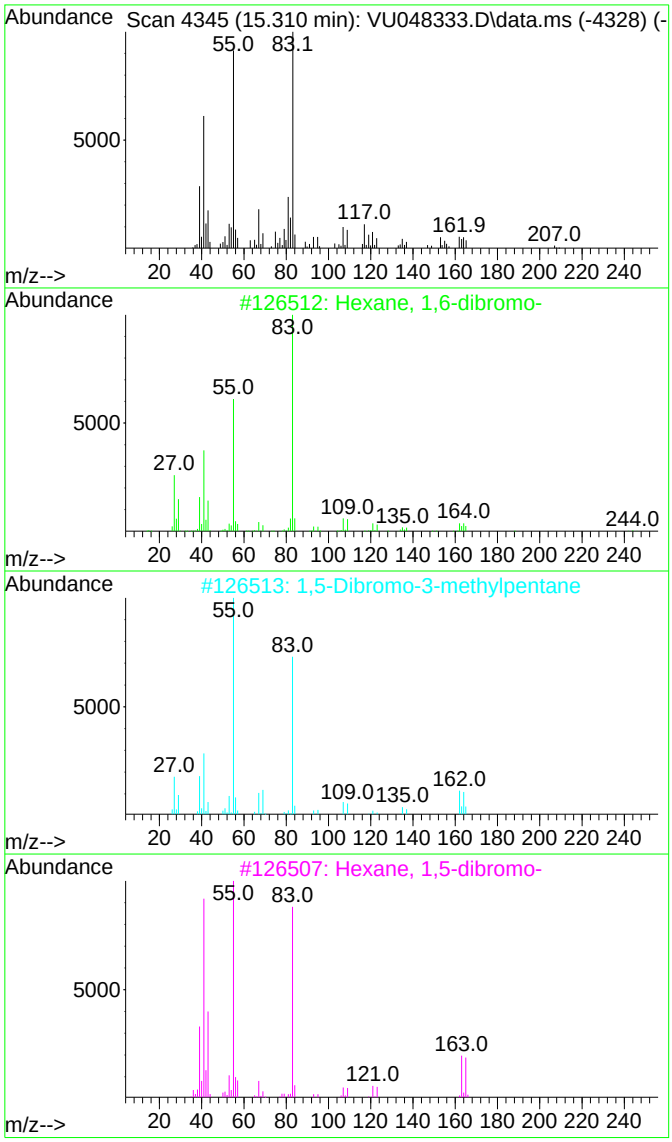
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

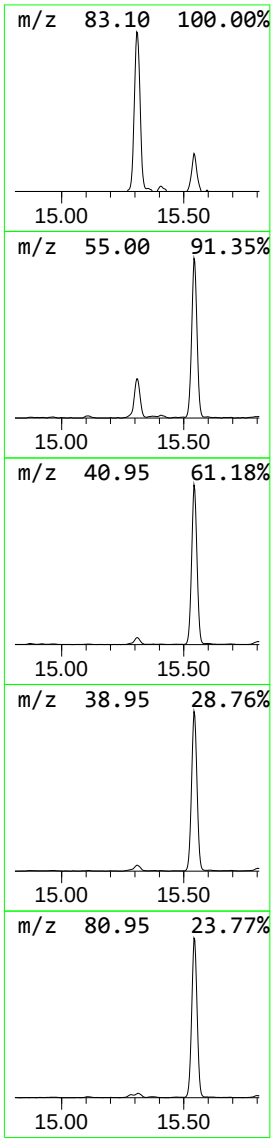
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexane, 1,6-dibromo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.310	5.08 ug/L	139173	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	80
2	1,5-Dibromo-3-methylpentane	242	C6H12Br2	004457-72-1	72
3	Hexane, 1,5-dibromo-	242	C6H12Br2	000627-96-3	59
4	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	59
5	Cyclopropane, 2-bromo-1,1,3-trim...	162	C6H11Br	036617-00-2	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048333.D
Acq On : 28 Apr 2022 12:05
Operator : SY/MD
Sample : N2587-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES9

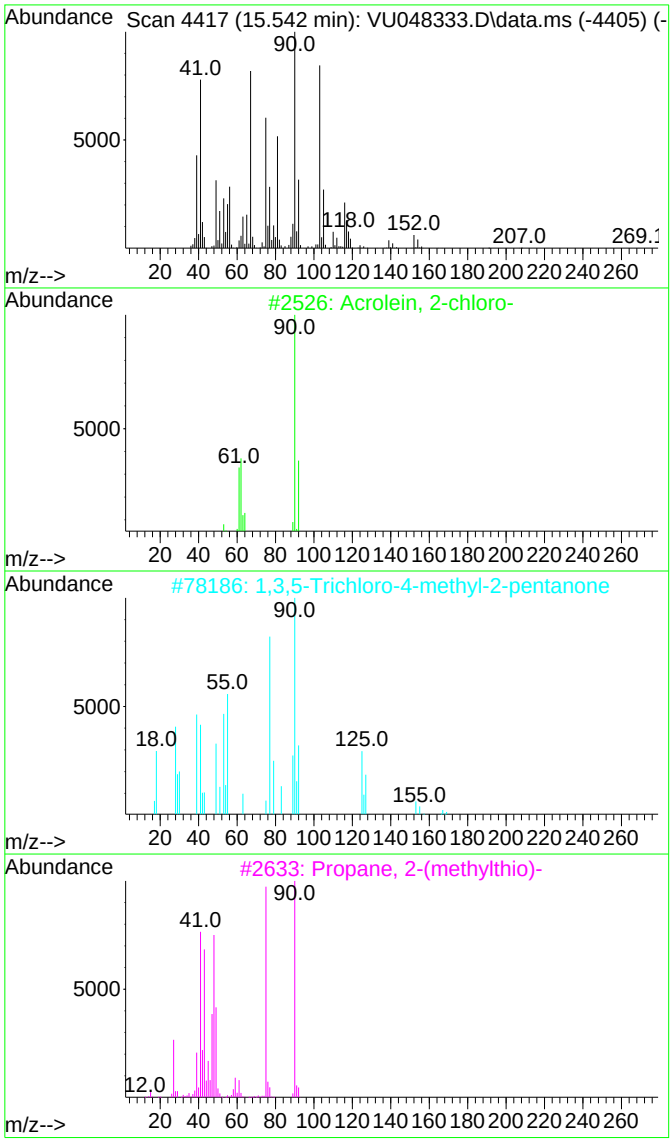
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

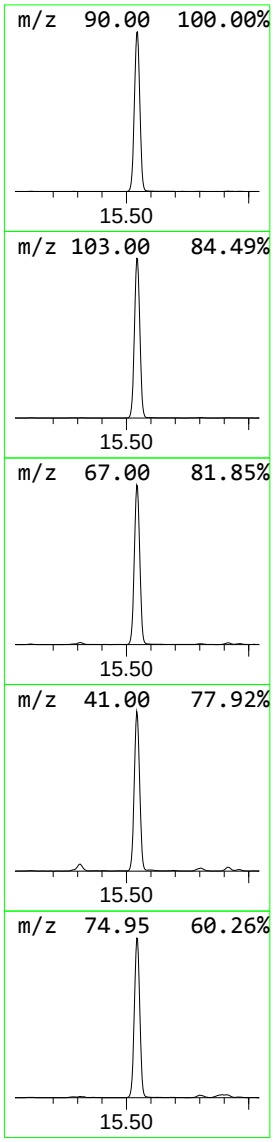
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.542	118.93 ug/L	3259400	1,4-Dichlorobenzene-d4	11.812

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048333.D
Acq On : 28 Apr 2022 12:05
Operator : SY/MD
Sample : N2587-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

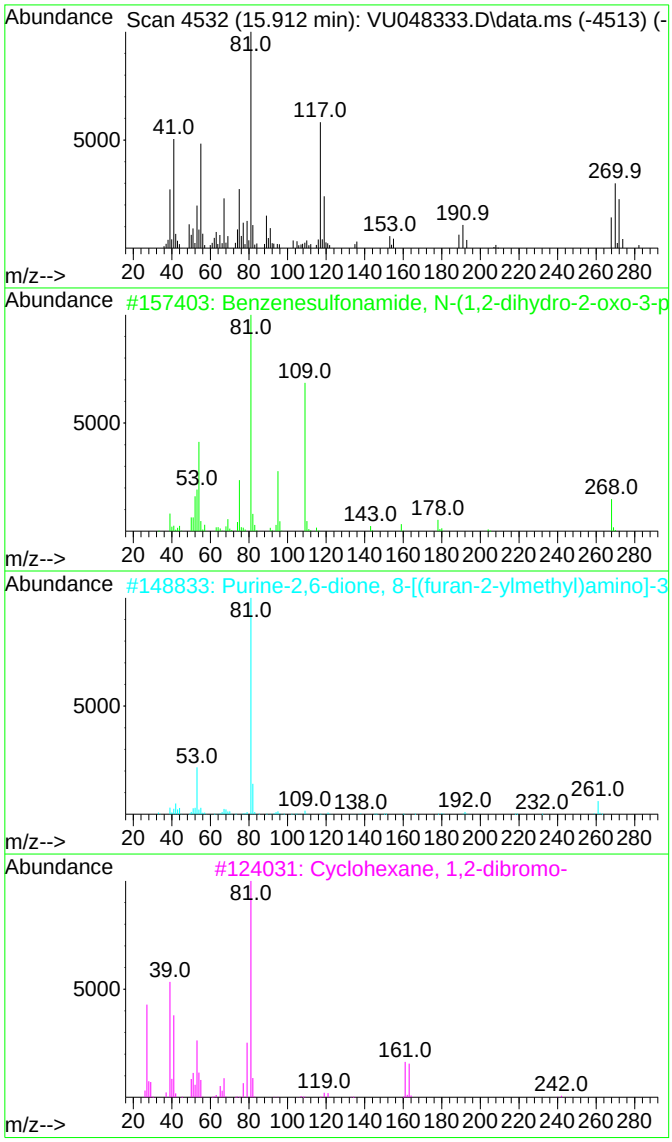
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

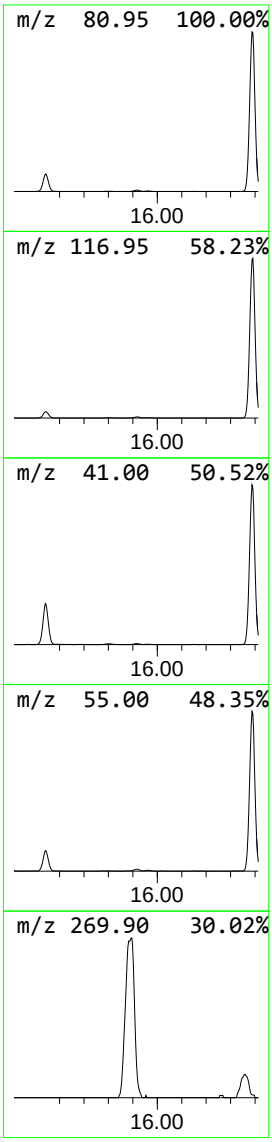
****

Peak Number 11 unknown-05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.912	6.77 ug/L	185400	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-(1,2-dihyd...	268	C11H9FN2O3S	1000318-80-7	27
2	Purine-2,6-dione, 8-[(furan-2-yl...	261	C11H11N5O3	1000302-82-5	22
3	Cyclohexane, 1,2-dibromo-	240	C6H10Br2	005401-62-7	22
4	2,4-Dimethyl 1,4-pentadiene	96	C7H12	004161-65-3	22
5	Cyclohexene, 4-bromo-	160	C6H9Br	003540-84-9	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048333.D
Acq On : 28 Apr 2022 12:05
Operator : SY/MD
Sample : N2587-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

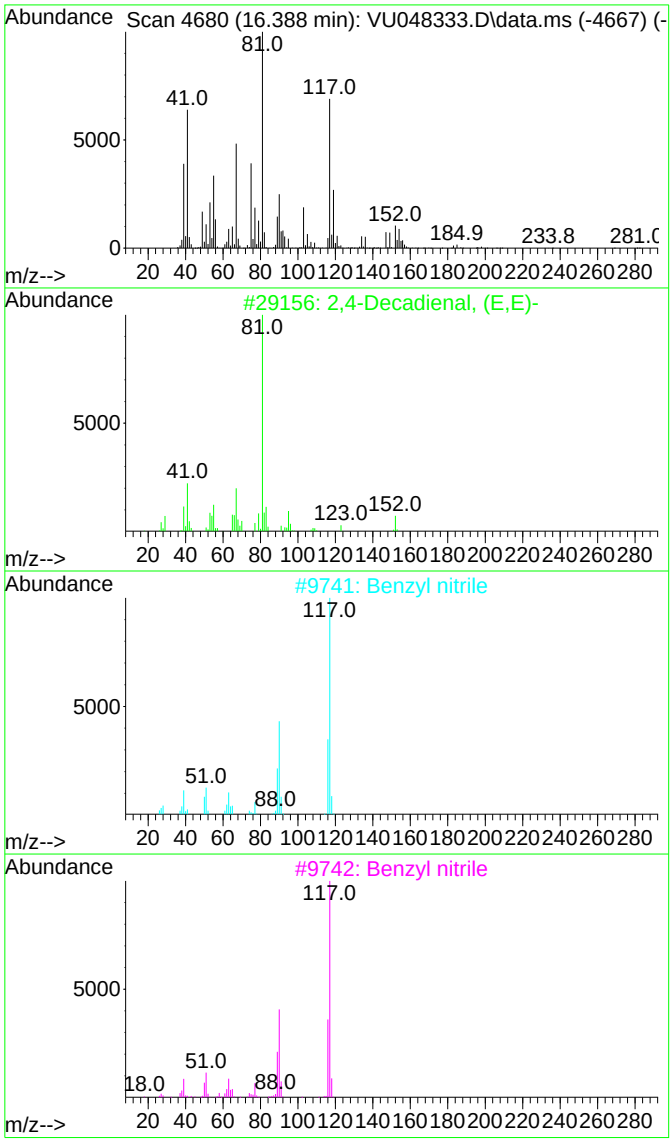
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

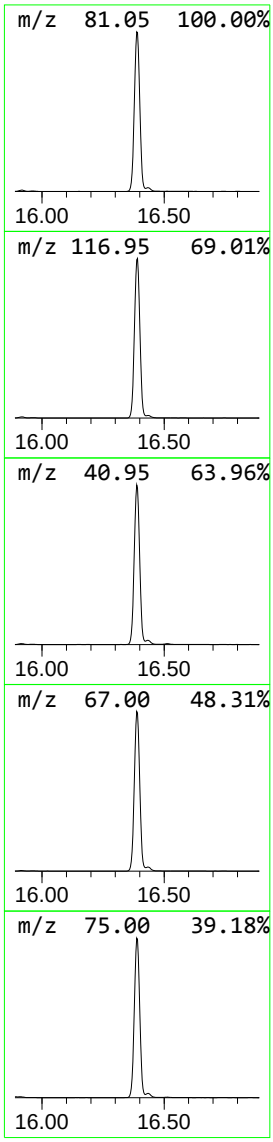
****

Peak Number 12 unknown-06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.388	459.50 ug/L	12592800	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	35
2	Benzyl nitrile	117	C8H7N	000140-29-4	25
3	Benzyl nitrile	117	C8H7N	000140-29-4	25
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	16
5	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	15





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048333.D
Acq On : 28 Apr 2022 12:05
Operator : SY/MD
Sample : N2587-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

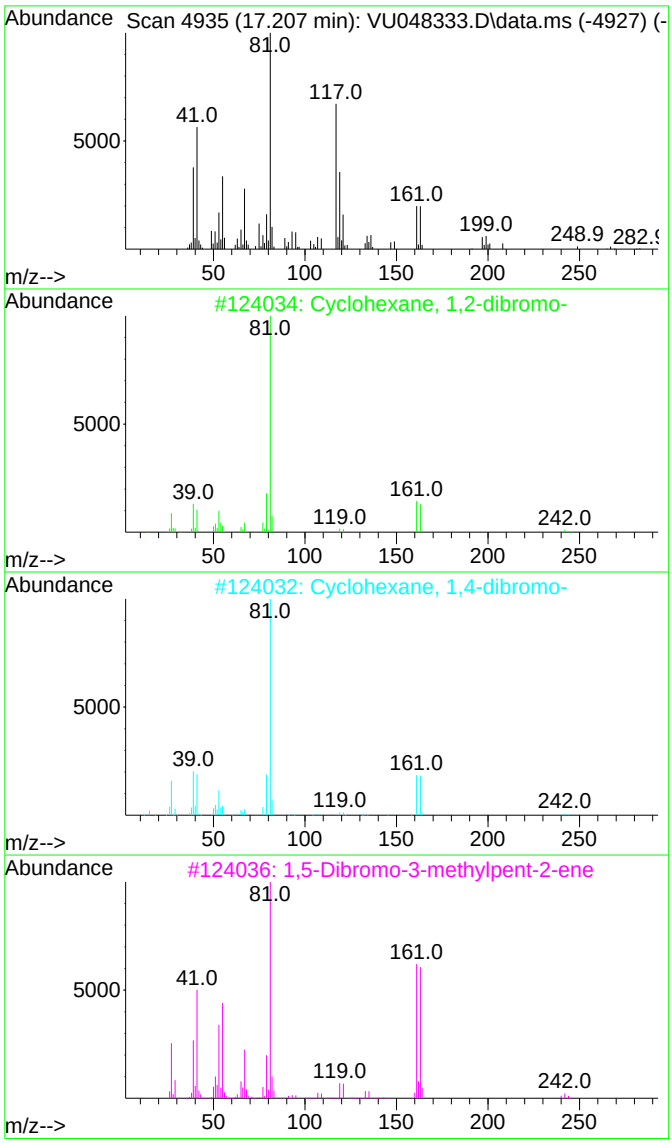
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

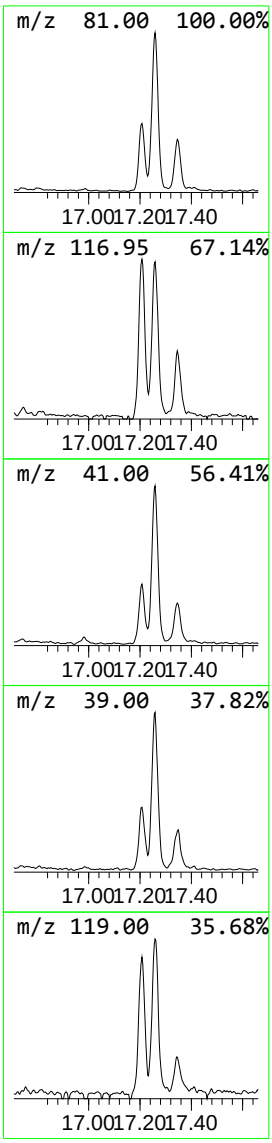
****

Peak Number 13 unknown-07 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.208	3.48 ug/L	95423	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dibromo-	240	C6H10Br2	005401-62-7	47
2	Cyclohexane, 1,4-dibromo-	240	C6H10Br2	035076-92-7	43
3	1,5-Dibromo-3-methylpent-2-ene	240	C6H10Br2	133545-67-2	38
4	Cyclohexane,1,2-dibromo-,trans-	240	C6H10Br2	007429-37-0	38
5	Cyclohexane, 1,2-dibromo-	240	C6H10Br2	005401-62-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048333.D
Acq On : 28 Apr 2022 12:05
Operator : SY/MD
Sample : N2587-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

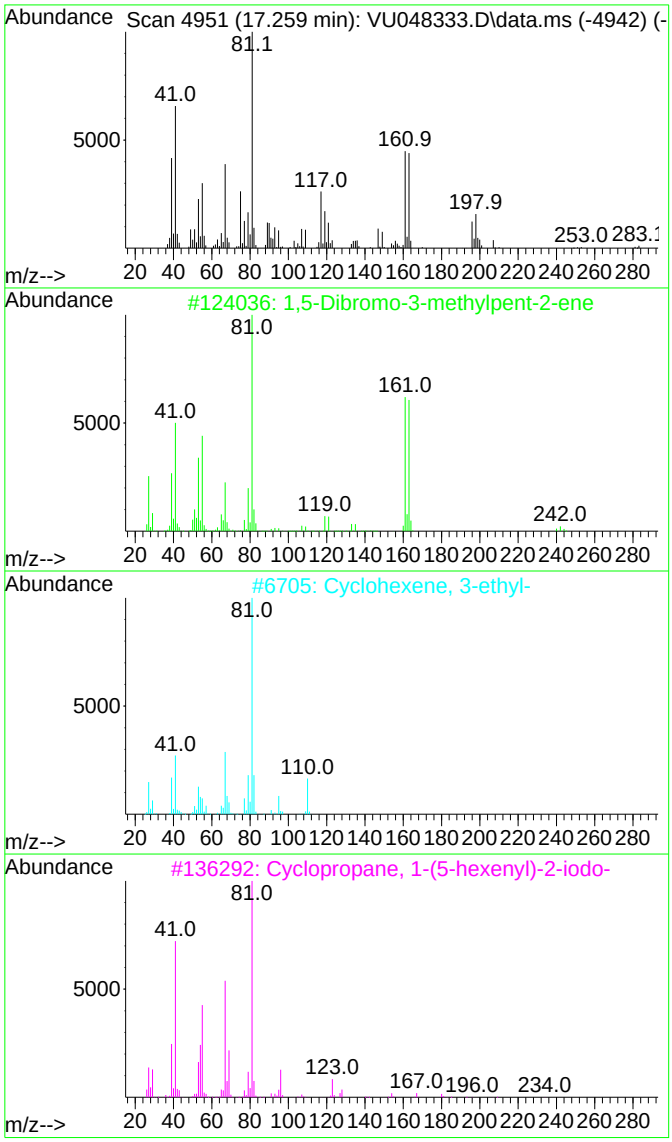
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

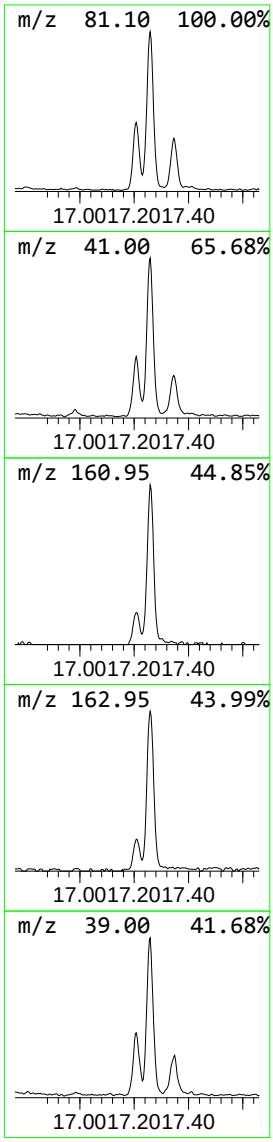
****

Peak Number 14 unknown-08 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.259	10.76 ug/L	294879	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Dibromo-3-methylpent-2-ene	240	C6H10Br2	133545-67-2	27
2	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	25
3	Cyclopropane, 1-(5-hexenyl)-2-iodo-	250	C9H15I	074685-40-8	25
4	1,2-Dibromo-5-hexene	240	C6H10Br2	004285-48-7	22
5	Fenchol	154	C10H18O	001632-73-1	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048333.D
Acq On : 28 Apr 2022 12:05
Operator : SY/MD
Sample : N2587-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.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	2.8	ug/L	59312	1	6.250	1075390	50.0
unknown-01	1.520	2.5	ug/L	54581	1	6.250	1075390	50.0
4-Chlorophenyls...	12.957	4.3	ug/L	118954	3	11.812	1370270	50.0
Hexane, 1,6-dic...	13.375	8.6	ug/L	236329	3	11.812	1370270	50.0
Hexane, 1-bromo...	14.359	4.6	ug/L	124925	3	11.812	1370270	50.0
unknown-02	14.494	6.5	ug/L	177466	3	11.812	1370270	50.0
unknown-03	14.590	4.7	ug/L	129756	3	11.812	1370270	50.0
Hexane, 1,6-dib...	15.310	5.1	ug/L	139173	3	11.812	1370270	50.0
unknown-04	15.542	118.9	ug/L	3259400	3	11.812	1370270	50.0
unknown-05	15.912	6.8	ug/L	185400	3	11.812	1370270	50.0
unknown-06	16.388	459.5	ug/L	12592800	3	11.812	1370270	50.0
unknown-07	17.208	3.5	ug/L	95423	3	11.812	1370270	50.0
unknown-08	17.259	10.8	ug/L	294879	3	11.812	1370270	50.0