LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

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: VU048342.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	24	rVB	1546385	1459241	91.14%	7.209%
2	1.491	41	47	49	rBV2	4908	5848	0.37%	0.029%
3	1.600	73	81	100	rBV	174724	233729	14.60%	1.155%
4	1.893	164	172	193	rVB	126637	199890	12.48%	0.988%
5	2.485	348	356	369	rBV2	5921	11337	0.71%	0.056%
6	2.562	369	380	396	rBV	316735	519888	32.47%	2.568%
7	2.678	413	416	427	rVB7	2933	4246	0.27%	0.021%
8	2.787	447	450	455	rBV2	679	541	0.03%	0.003%
9	2.922	484	492	499	rBV6	947	1363	0.09%	0.007%
10	2.977	506	509	513	rVB3	642	460	0.03%	0.002%
11	3.044	523	530	540	rBV5	2395	4419	0.28%	0.022%
12	3.137	554	559	561	rBV3	667	677	0.04%	0.003%
13	3.189	564	575	582	rBV2	9917	20745	1.30%	0.102%
14	3.359	621	628	629	rBV4	895	1010	0.06%	0.005%
15	3.449	647	656	665	rBV6	1245	2529	0.16%	0.012%
16	3.874	785	788	796	rVV4	827	877	0.05%	0.004%
17	3.915	800	801	811	rVB4	623	596	0.04%	0.003%
18	3.986	819	823	825	rBV3	638	544	0.03%	0.003%
19	4.163	869	878	884	rBV5	601	1185	0.07%	0.006%
20	4.240	896	902	904	rBV3	557	609	0.04%	0.003%
21	4.517	984	988	991	rBV2	703	626	0.04%	0.003%
22	4.620	1006	1020	1069	rVV	176521	461038	28.79%	2.278%
23	5.063	1141	1158	1182	rBV	287230	628931	39.28%	3.107%
24	5.282	1221	1226	1228	rBV2	632	660	0.04%	0.003%
25	5.726	1342	1364	1371	rBV2	605995	1601152	100.00%	7.910%
26	6.137	1489	1492	1495	rVB2	588	422	0.03%	0.002%
27	6.250	1512	1527	1552	rBV	383067	726208	45.36%	3.588%
28	6.472	1583	1596	1610	rBV	177694	323571	20.21%	1.599%
29	6.690	1649	1664	1681	rBV	380365	732893	45.77%	3.621%
30	6.996	1749	1759	1770	rVB3	3240	6135	0.38%	0.030%
31	7.179	1805	1816	1826	rBV3	3584	7824	0.49%	0.039%
32	7.443	1886	1898	1903	rBV2	4718	8122	0.51%	0.040%
33	7.491	1903	1913	1924	rVV2	38156	68922	4.30%	0.340%
34	7.565	1924	1936	1961	rVB	208572	363145	22.68%	1.794%
35	7.687	1969	1974	1985	rVB4	1609	2736	0.17%	0.014%
36	7.800	2000	2009	2016	rBV4	1470	1888	0.12%	0.009%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048342.D
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Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

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	7.899	2022	2040	2052	rBV	757030	1303551	81.41%	6.440%
38	7.973	2053	2063	2084	rVB2	198100	400686	25.02%	1.980%
39	8.099	2100	2102	2106	rVB2	735	480	0.03%	0.002%
40	8.179	2114	2127	2142	rBV	145327	243293	15.19%	1.202%
41	8.298	2152	2164	2174	rBV2	27355	49199	3.07%	0.243%
42	8.574	2236	2250	2260	rVV	500535	838881	52.39%	4.144%
43	8.636	2260	2269	2303	rVB	618568	1100503	68.73%	5.437%
44	9.018	2380	2388	2399	rVV6	3338	5499	0.34%	0.027%
45	9.176	2429	2437	2446	rVB5	3491	5817	0.36%	0.029%
46	9.317	2475	2481	2484	rBV2	432	512	0.03%	0.003%
47	9.362	2484	2495	2501	rBV2	41836	66999	4.18%	0.331%
48	9.420	2501	2513	2515	rBV	575438	797268	49.79%	3.939%
49	9.578	2549	2562	2573	rVB6	24466	47877	2.99%	0.237%
50	9.632	2576	2579	2589	rVB7	2436	2702	0.17%	0.013%
51	9.693	2590	2598	2608	rBV2	6724	10437	0.65%	0.052%
52	9.841	2638	2644	2651	rVV3	893	1124	0.07%	0.006%
53	9.938	2662	2674	2697	rBV	208431	335902	20.98%	1.659%
54	10.105	2714	2726	2740	rBV5	5364	9362	0.58%	0.046%
55	10.253	2766	2772	2781	rBV3	1472	2070	0.13%	0.010%
56	10.484	2837	2844	2850	rBV2	911	1074	0.07%	0.005%
57	10.549	2858	2864	2865	rBV4	509	497	0.03%	0.002%
58	10.584	2866	2875	2885	rVB4	2278	4313	0.27%	0.021%
59	10.652	2885	2896	2912	rBV5	34335	59503	3.72%	0.294%
60	10.758	2916	2929	2954	rBV2	681098	1402068	87.57%	6.927%
61	10.931	2979	2983	2986	rVB4	923	842	0.05%	0.004%
62	10.973	2986	2996	3010	rVB3	17357	29137	1.82%	0.144%
63	11.092	3025	3033	3037	rBV4	1104	1597	0.10%	0.008%
64	11.179	3050	3060	3070	rVB3	17502	27433	1.71%	0.136%
65	11.253	3075	3083	3090	rBV4	4616	6267	0.39%	0.031%
66	11.375	3113	3121	3129	rBV7	1339	2095	0.13%	0.010%
67	11.468	3141	3150	3160	rBV4	3519	6099	0.38%	0.030%
68	11.587	3179	3187	3194	rBV6	1154	1645	0.10%	0.008%
69	11.687	3215	3218	3220	rBV2	602	416	0.03%	0.002%
70	11.812	3243	3257	3271	rBV	653270	1016894	63.51%	5.024%
71	11.880	3271	3278	3289	rVV4	18874	32998	2.06%	0.163%
72	11.938	3289	3296	3305	rVV3	11259	17320	1.08%	0.086%
73	12.021	3319	3322	3325	rVV3	777	563	0.04%	0.003%
74	12.066	3333	3336	3341	rBV4	468	483	0.03%	0.002%
75	12.195	3358	3376	3396	rBV	811138	1356589	84.73%	6.702%
76	12.468	3448	3461	3479	rBV2	50417	81202	5.07%	0.401%

LSC Area Percent Report

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Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

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	12.632	3504	3512	3513	rBV4	1146	1268	0.08%	0.006%
78	12.706	3522	3535	3544	rBV	64734	95837	5.99%	0.473%
79	12.873	3581	3587	3590	rBV7	1362	1657	0.10%	0.008%
80	12.893	3591	3593	3595	rBV4	877	537	0.03%	0.003%
81	12.970	3605	3617	3640	rVB2	117073	211695	13.22%	1.046%
82	13.085	3649	3653	3657	rBV5	486	406	0.03%	0.002%
83	13.163	3665	3677	3687	rBV3	12608	20021	1.25%	0.099%
84	13.211	3687	3692	3694	rBV4	845	739	0.05%	0.004%
85	13.330	3718	3729	3734	rBV	91826	143829	8.98%	0.711%
86	13.375	3734	3743	3759	rVB	673978	999759	62.44%	4.939%
87	13.471	3764	3773	3792	rVB2	40806	71114	4.44%	0.351%
88	13.664	3829	3833	3836	rBV4	485	443	0.03%	0.002%
89	13.712	3837	3848	3862	rBV	57349	90514	5.65%	0.447%
90	13.774	3862	3867	3873	rBV5	3631	5144	0.32%	0.025%
91	13.963	3918	3926	3935	rVB3	4734	6652	0.42%	0.033%
92	14.089	3961	3965	3973	rBV3	1254	1743	0.11%	0.009%
93	14.359	4037	4049	4058	rBV	315865	477122	29.80%	2.357%
94	14.494	4081	4091	4109	rVV	195038	320683	20.03%	1.584%
95	14.590	4112	4121	4134	rVB2	75200	120551	7.53%	0.596%
96	14.687	4142	4151	4162	rVB2	18454	27283	1.70%	0.135%
97	15.285	4326	4337	4339	rBV2	40694	53434	3.34%	0.264%
98	15.545	4406	4418	4433	rBV	260259	412544	25.77%	2.038%
99	15.802	4491	4498	4509	rVB9	8547	15220	0.95%	0.075%
100	16.391	4669	4681	4693	rBV	299265	488228	30.49%	2.412%

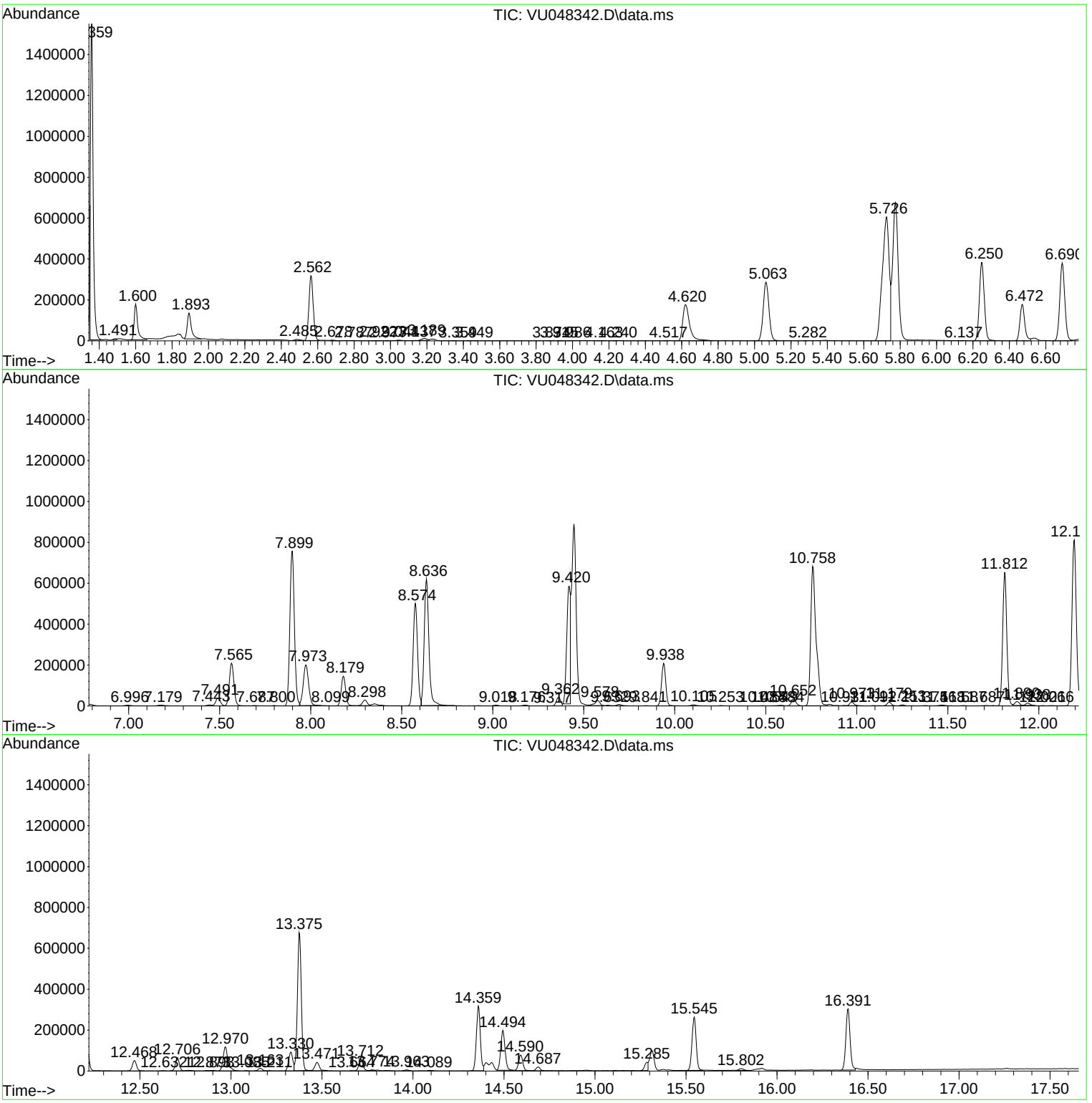
Sum of corrected areas: 20241627

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

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 : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

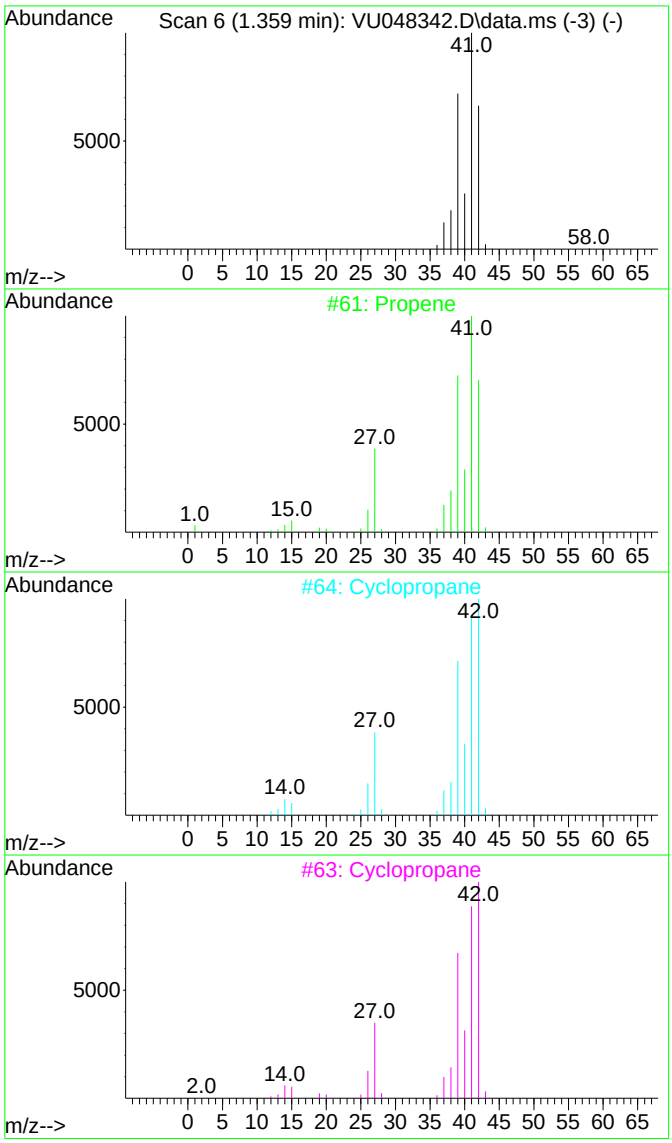
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

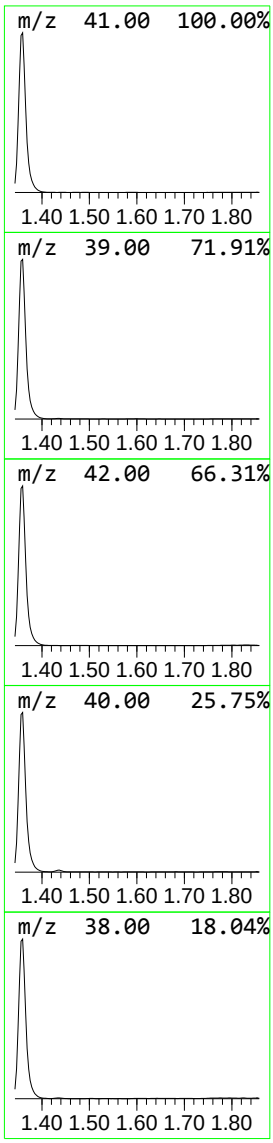
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.359	100.47 ug/L	1459240	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	Propene	42	C3H6	000115-07-1	50
5	Cyclopropene	40	C3H4	002781-85-3	16





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

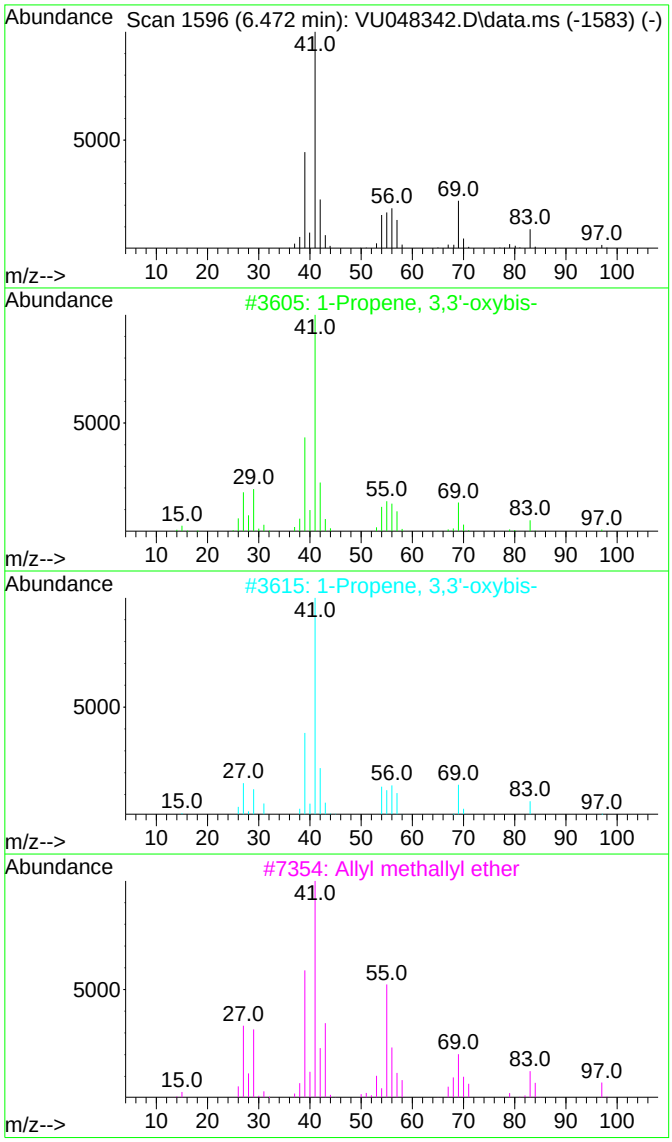
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

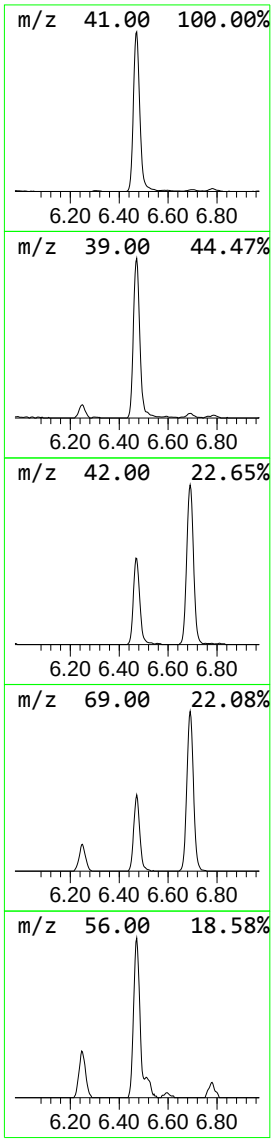
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Propene, 3,3'-oxybis- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.472	22.28 ug/L	323571	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	83
2	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	83
3	Allyl methallyl ether	112	C7H12O	014289-96-4	72
4	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	50
5	(Z)-2-Heptene	98	C7H14	006443-92-1	50





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

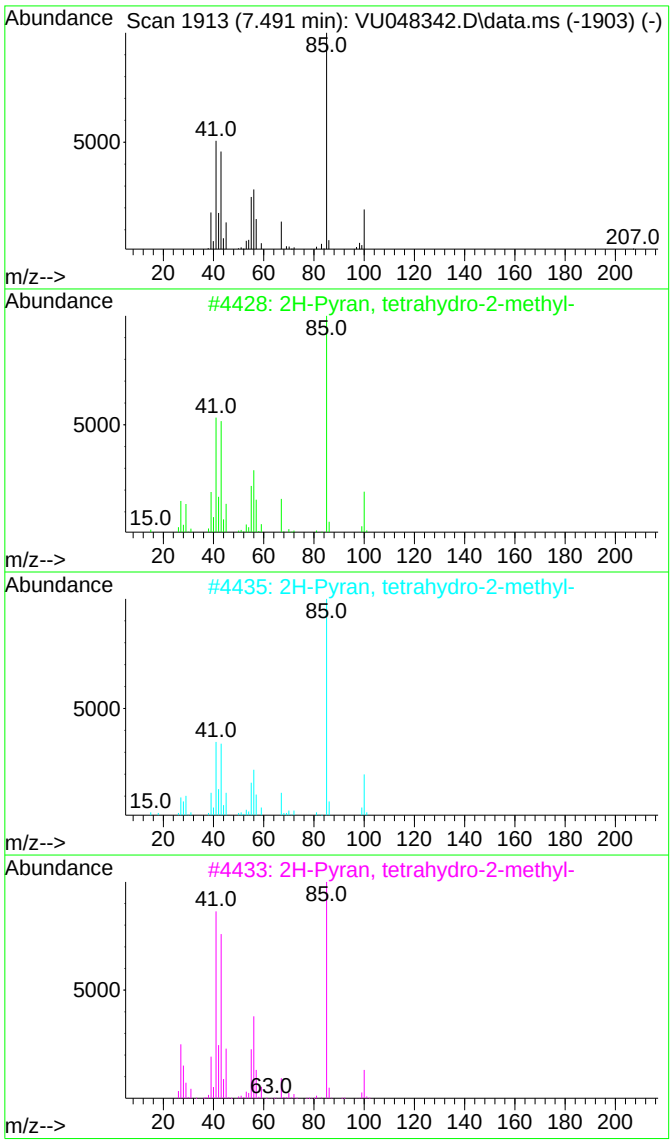
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

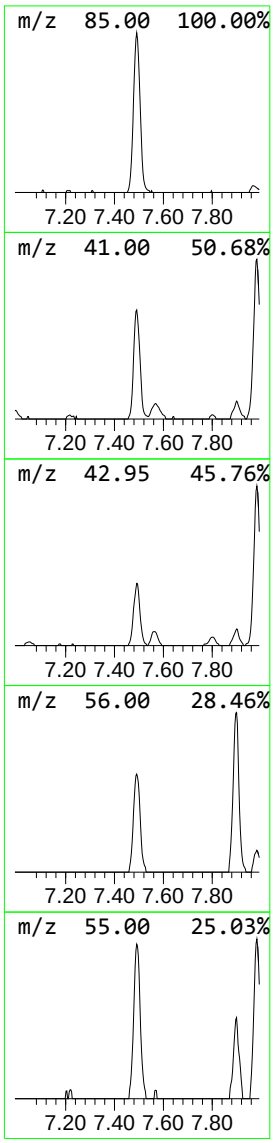
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.491	4.75 ug/L	68922	1,4-Difluorobenzene	6.250

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	78
4	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	64
5	1-Bromo-8-tetrahydropyranyloxyoc...	292	C13H25BrO2	050816-20-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

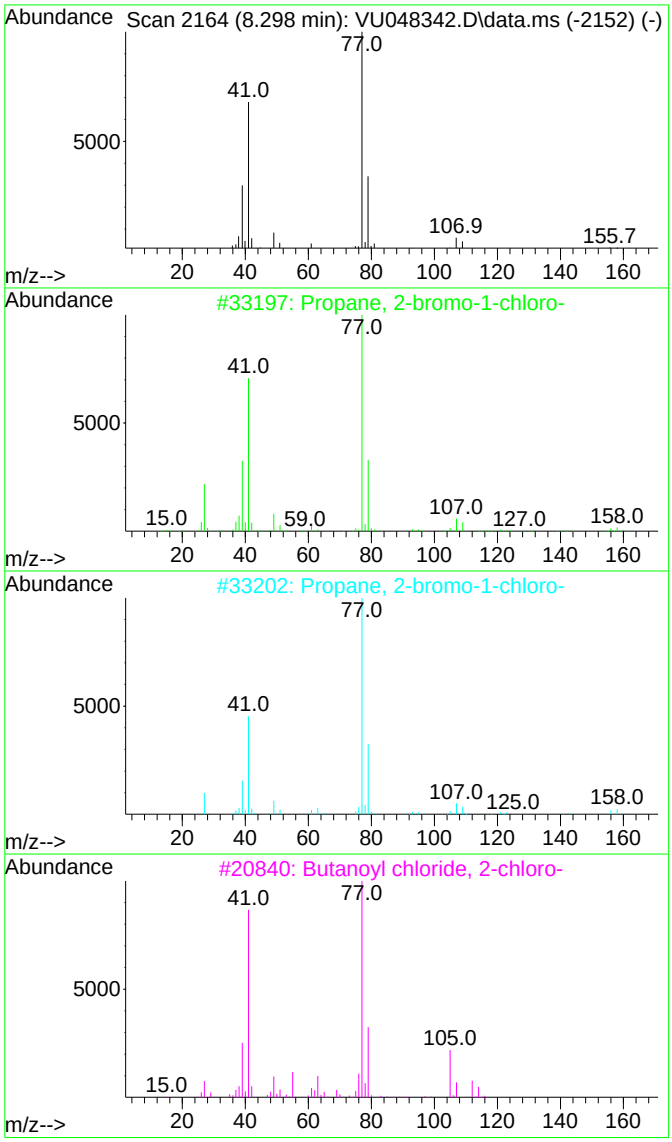
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

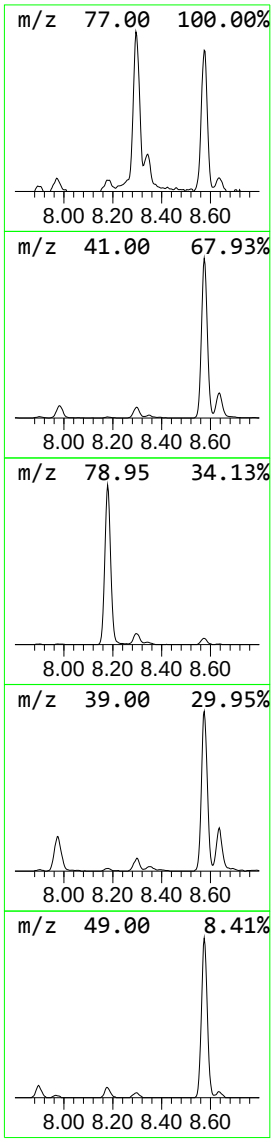
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Propane, 2-bromo-1-chloro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.298	3.09 ug/L	49199	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	91
2	Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	64
3	Butanoyl chloride, 2-chloro-	140	C4H6Cl2O	007623-11-2	56
4	Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	39
5	Acetic acid, chloro-, anhydride	170	C4H4Cl2O3	000541-88-8	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

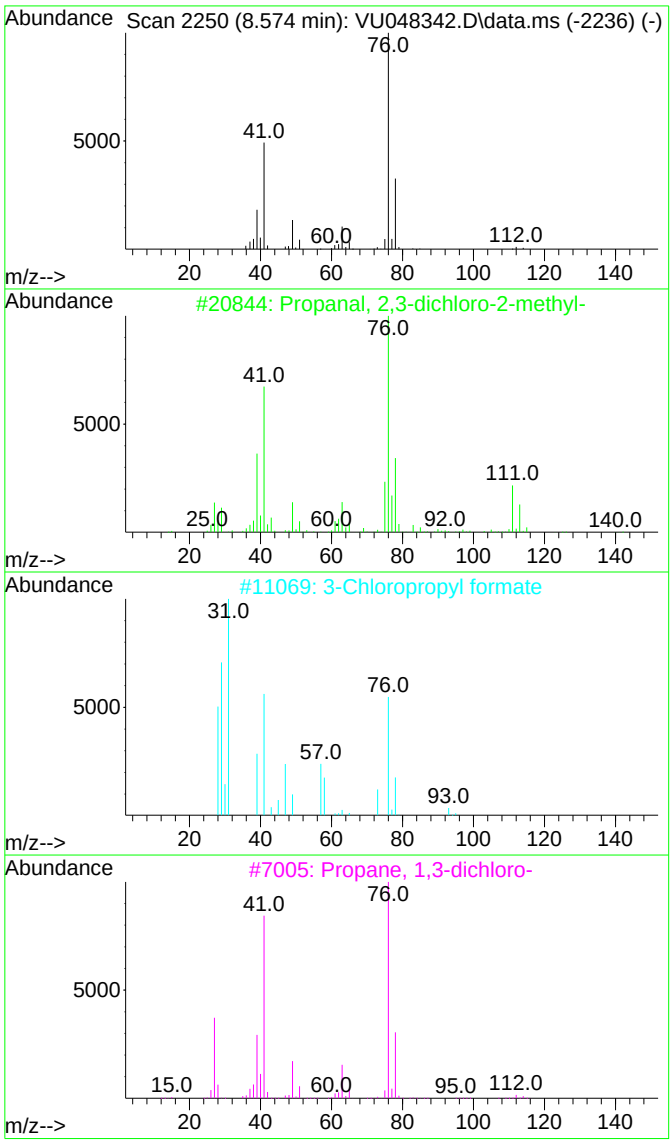
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

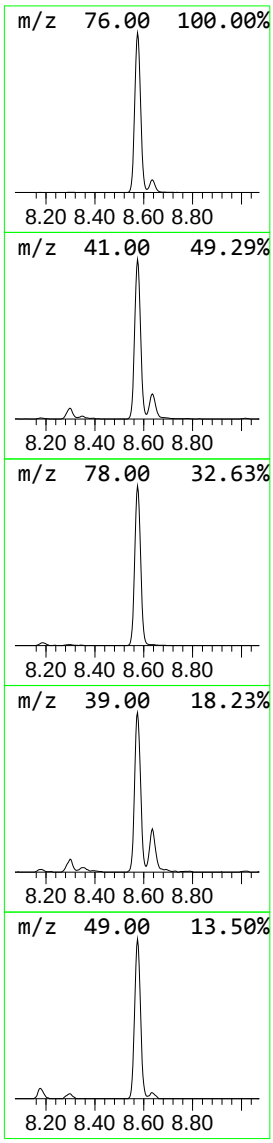
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Propanal, 2,3-dichloro-2-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.574	52.61 ug/L	838881	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2,3-dichloro-2-methyl-	140	C4H6Cl2O	010141-22-7	74
2	3-Chloropropyl formate	122	C4H7ClO2	001487-44-1	43
3	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	15
4	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	15
5	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

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

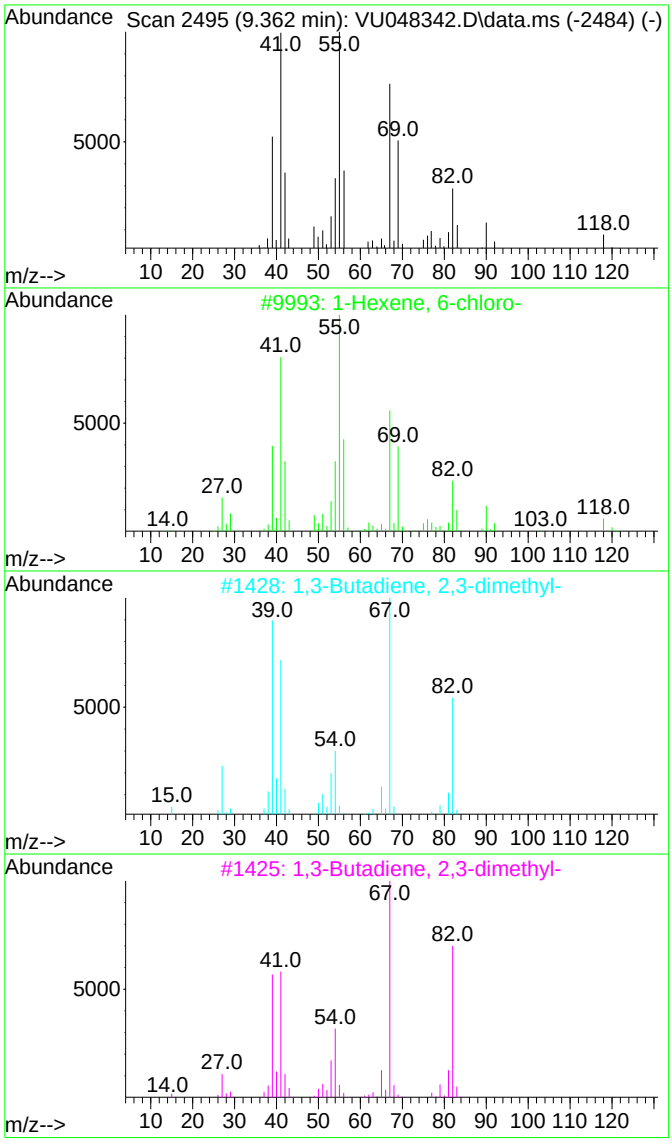
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

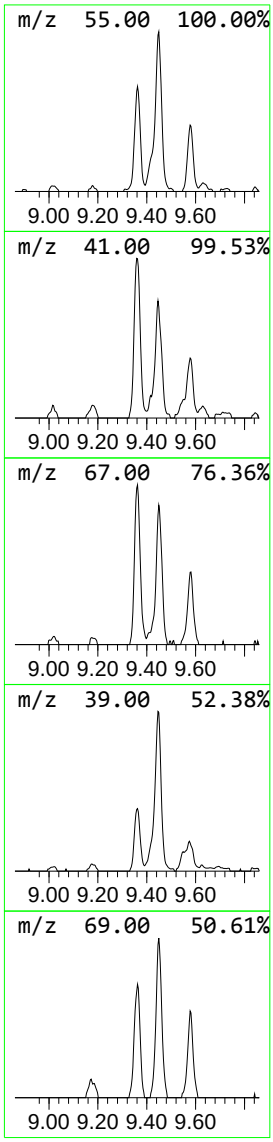
****

Peak Number 7 1-Hexene, 6-chloro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.362	4.20 ug/L	66999	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	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	64
3	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	62
4	1,3-Pentadiene, 2-methyl-	82	C6H10	001118-58-7	60
5	3-Hexyne	82	C6H10	000928-49-4	58





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Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

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

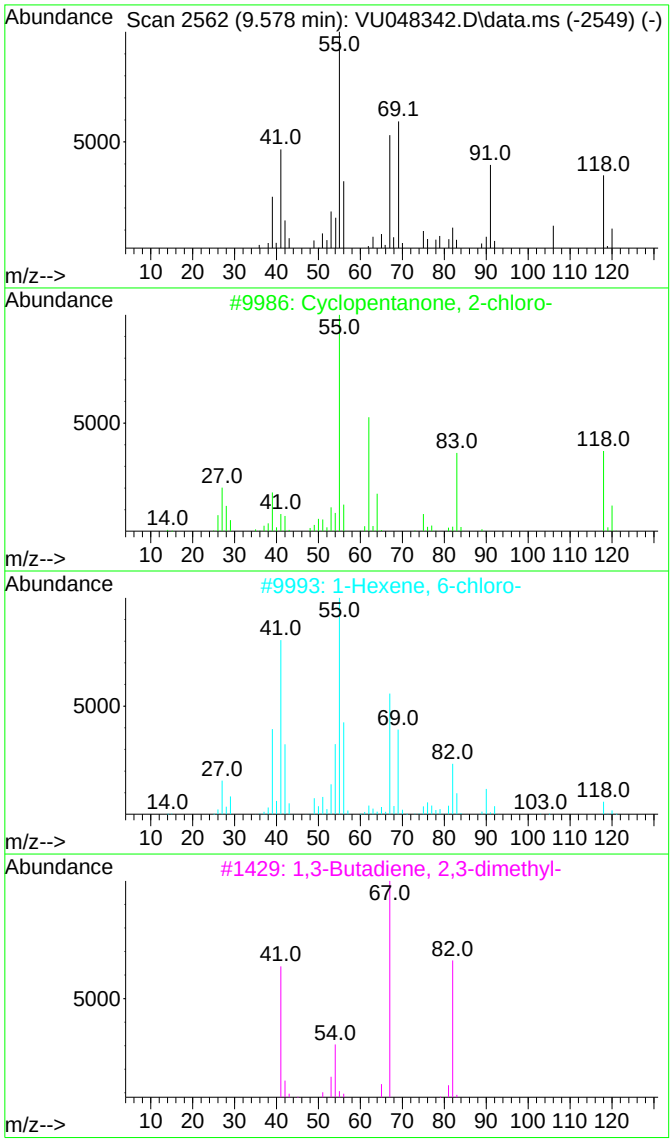
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

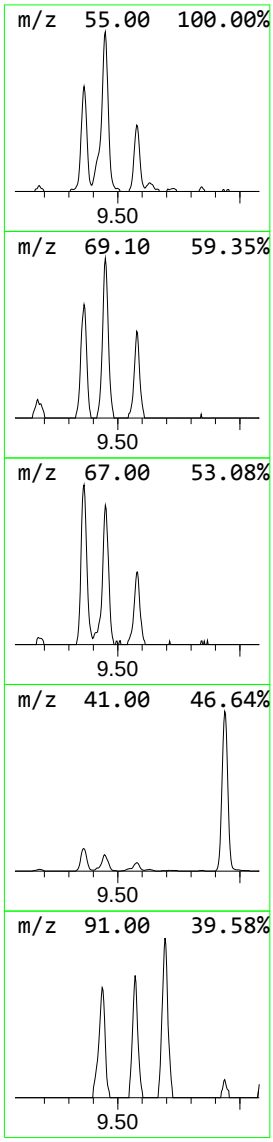
****

Peak Number 8 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.578	3.00 ug/L	47877	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-chloro-	118	C5H7ClO	000694-28-0	35
2	1-Hexene, 6-chloro-	118	C6H11Cl	000928-89-2	22
3	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	22
4	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	005070-00-8	18
5	1,3,3-Trimethylcyclopropene	82	C6H10	003664-56-0	18





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Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

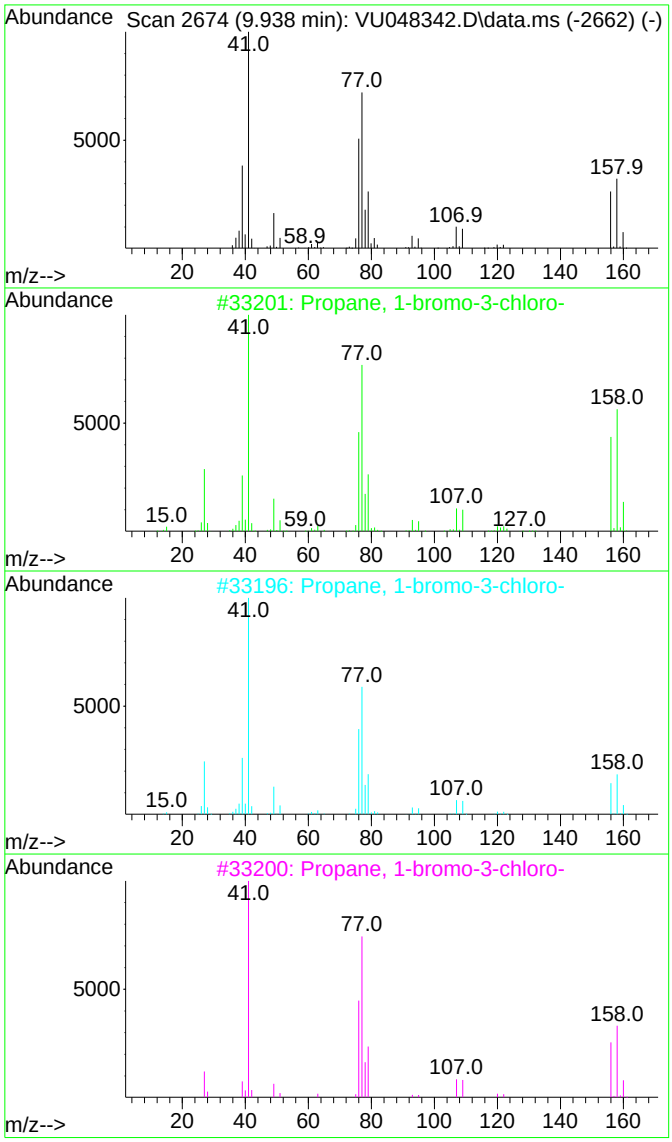
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

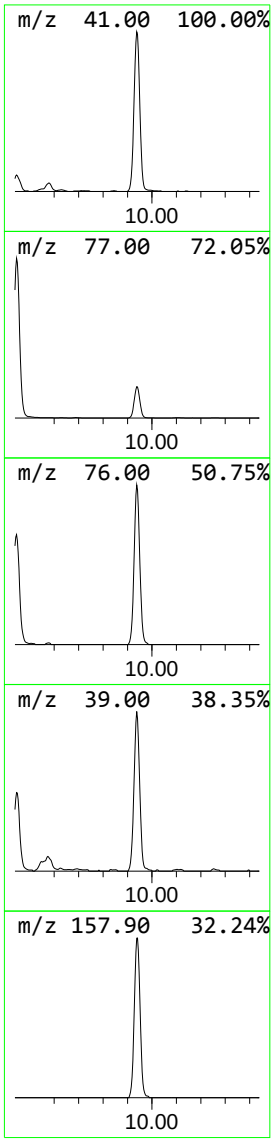
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Propane, 1-bromo-3-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.938	21.07 ug/L	335902	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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

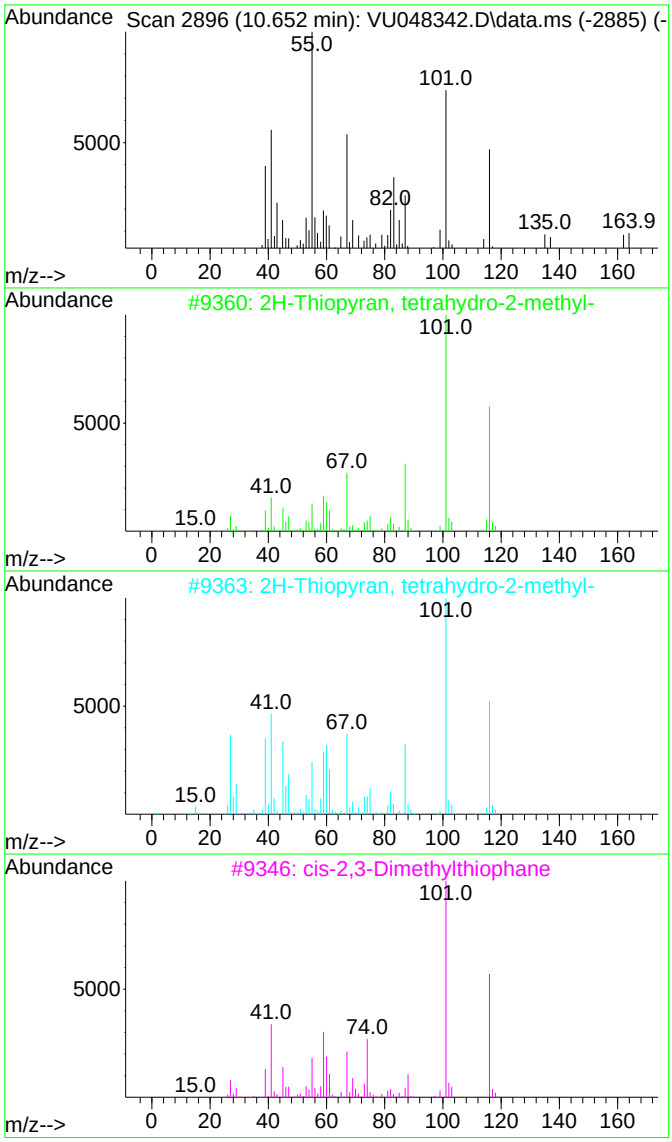
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

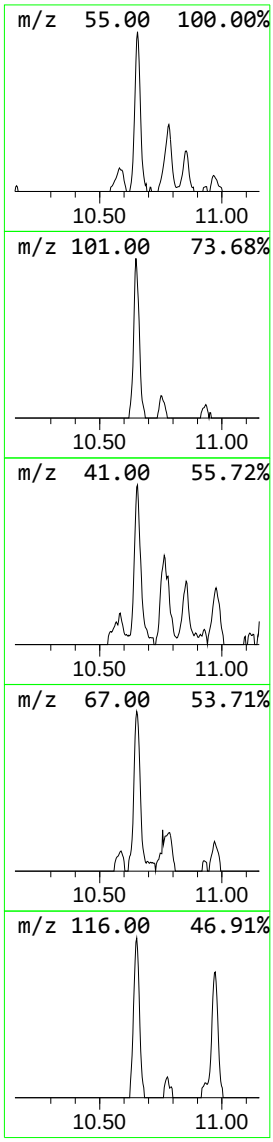
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2H-Thiopyran, tetrahydro-2-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.652	2.93 ug/L	59503	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	90
2	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	70
3	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	60
4	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	55
5	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

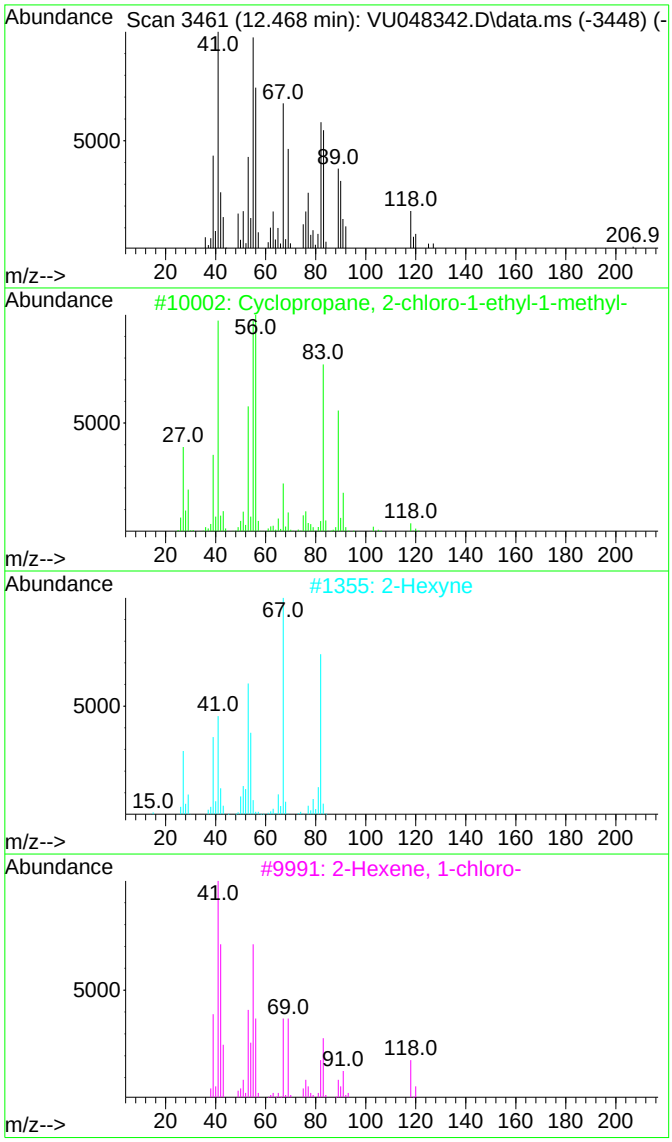
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

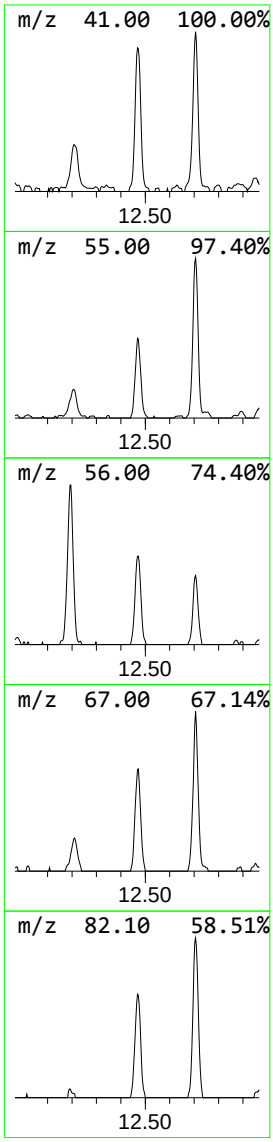
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopropane, 2-chloro-1-et... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	3.99 ug/L	81202	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	53
2	2-Hexyne	82	C6H10	000764-35-2	45
3	2-Hexene, 1-chloro-	118	C6H11Cl	035911-16-1	43
4	Furan, 2-methyl-	82	C5H6O	000534-22-5	35
5	Cyclohexane, (1,1-dimethylethyl)-	140	C10H20	003178-22-1	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

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

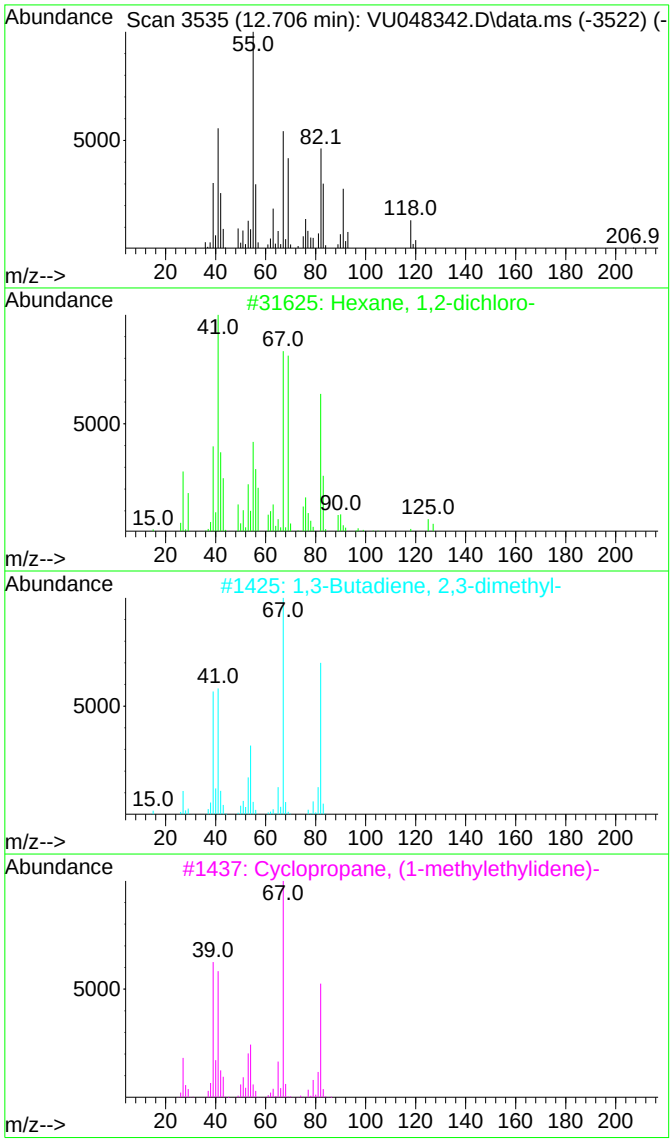
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

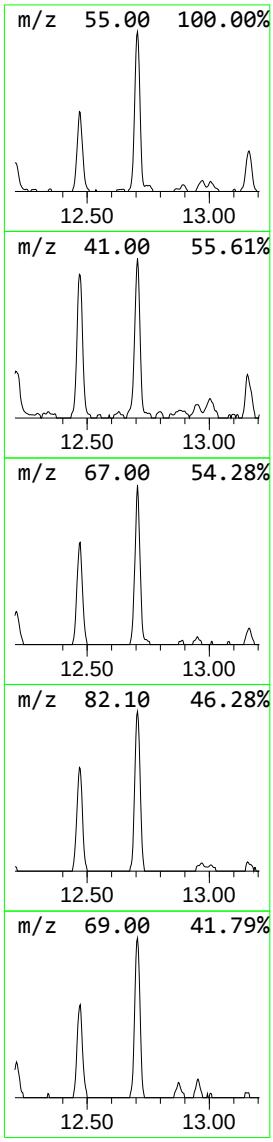
****

Peak Number 12 Hexane, 1,2-dichloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.706	4.71 ug/L	95837	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,2-dichloro-	154	C6H12Cl2	002162-92-7	53
2	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	41
3	Cyclopropane, (1-methylethylidene)-	82	C6H10	004741-86-0	38
4	3-Hexyne	82	C6H10	000928-49-4	38
5	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

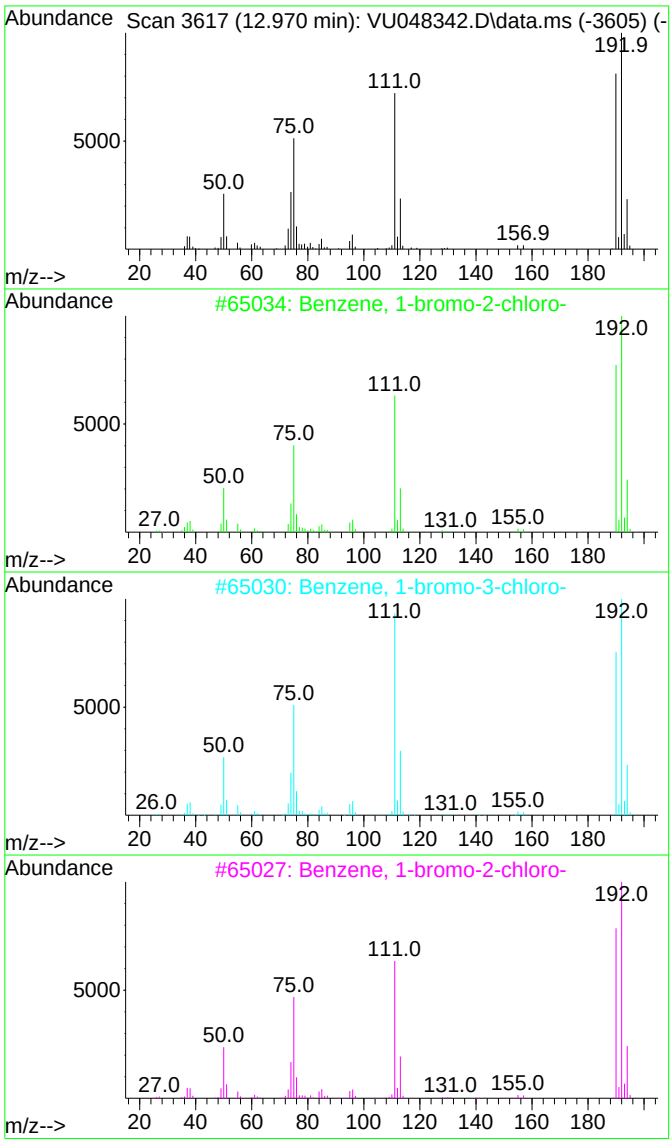
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

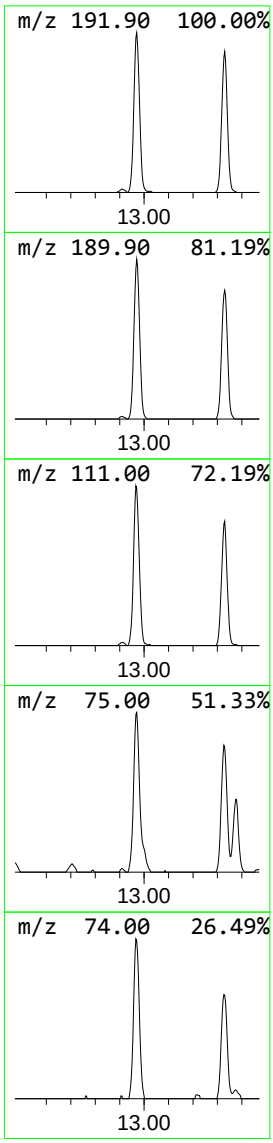
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-bromo-2-chloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.970	10.41 ug/L	211695	1,4-Dichlorobenzene-d4	11.812

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

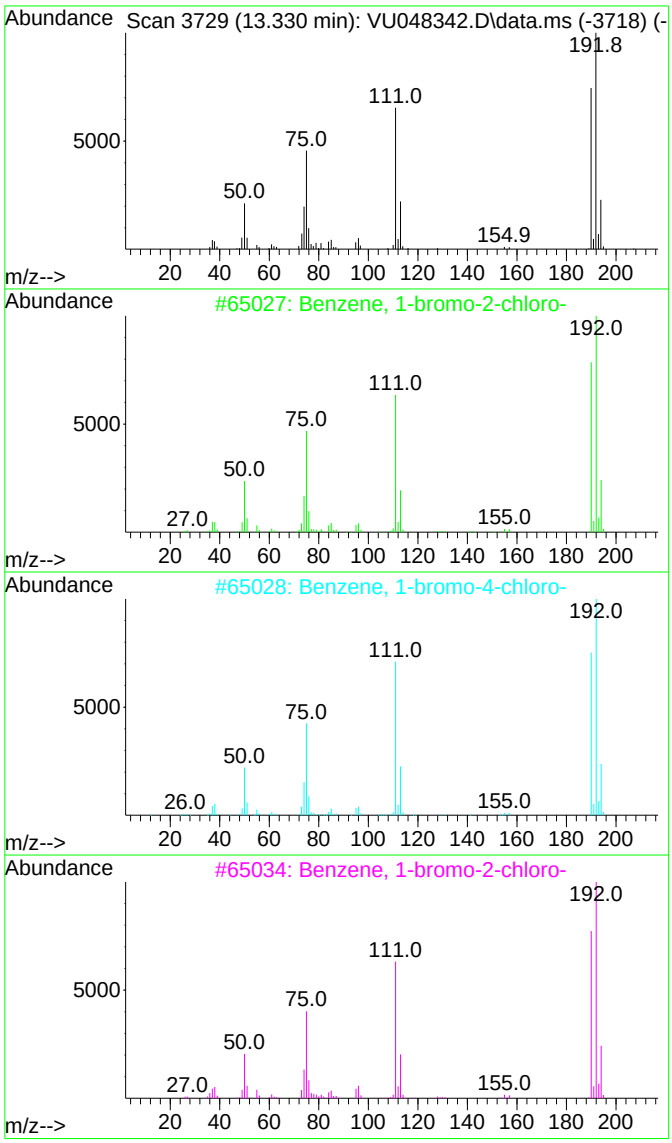
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

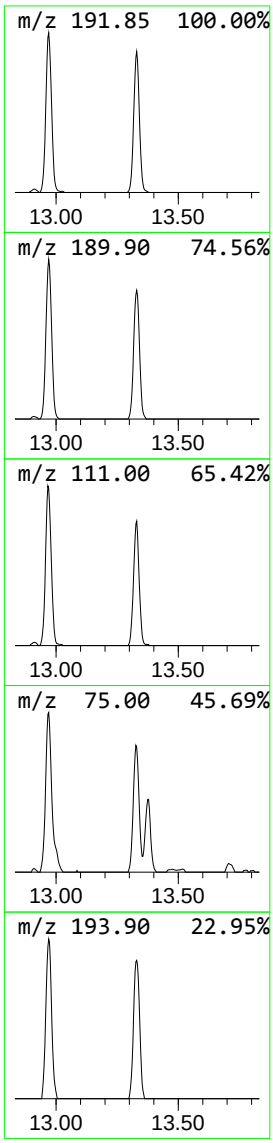
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-bromo-4-chloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.330	7.07 ug/L	143829	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	99
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

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

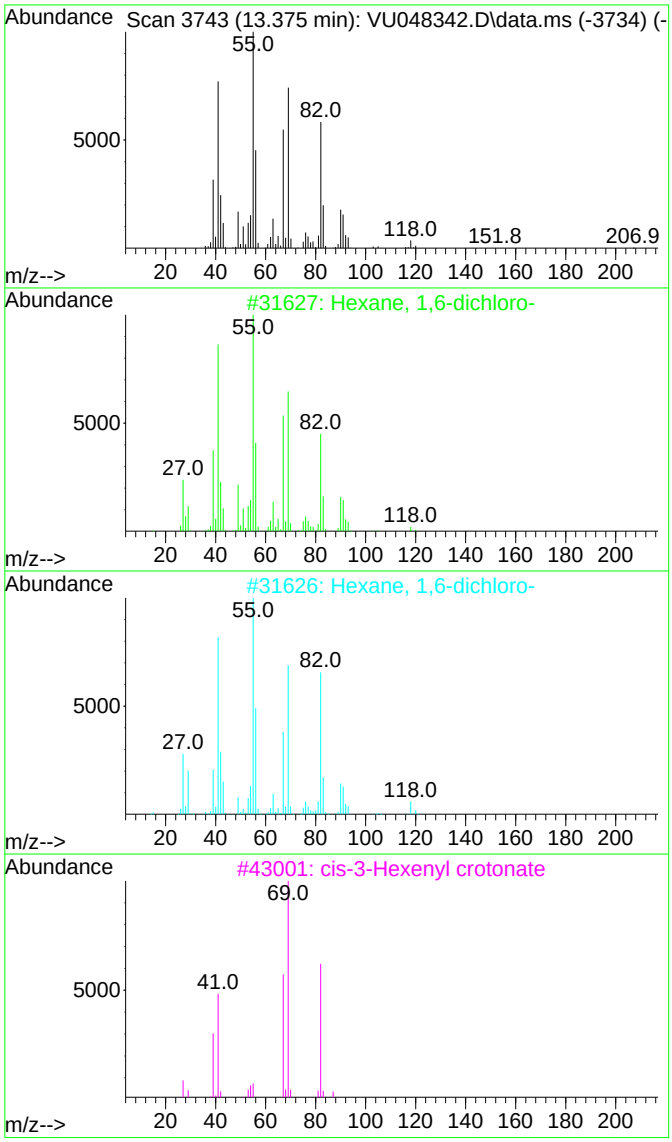
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

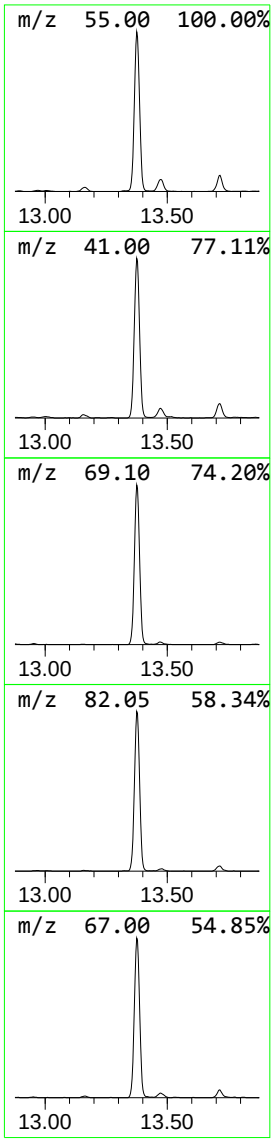
****

Peak Number 15 Hexane, 1,6-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.375	49.16 ug/L	999759	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	83
3	cis-3-Hexenyl crotonate	168	C10H16O2	1000429-17-4	47
4	Cyclohexane, chloro-	118	C6H11Cl	000542-18-7	42
5	1-Hexanol, 6-chloro-	136	C6H13ClO	002009-83-8	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

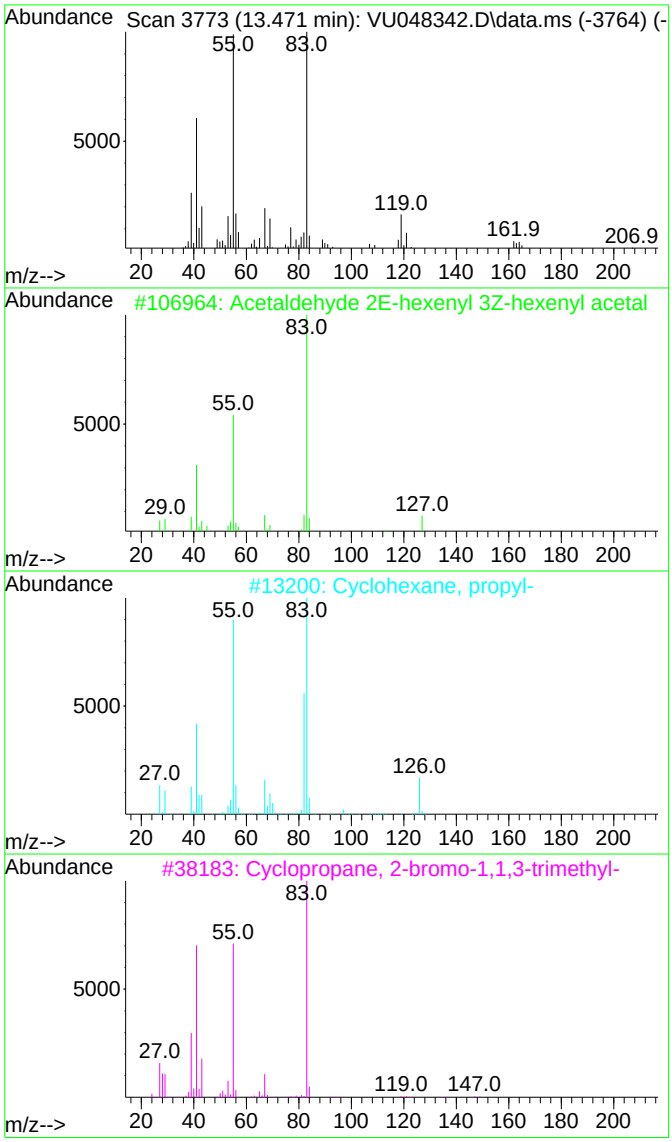
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

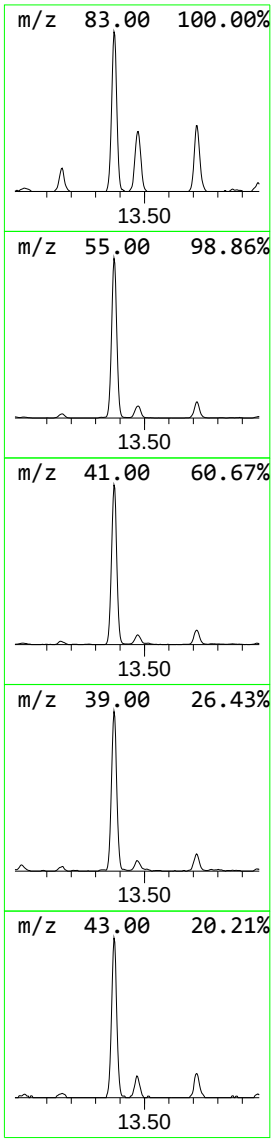
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Acetaldehyde 2E-hexenyl 3Z-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.471	3.50 ug/L	71114	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde 2E-hexenyl 3Z-hexen...	226	C14H26O2	1000431-45-5	59
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	59
3	Cyclopropane, 2-bromo-1,1,3-trim...	162	C6H11Br	036617-00-2	59
4	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	53
5	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

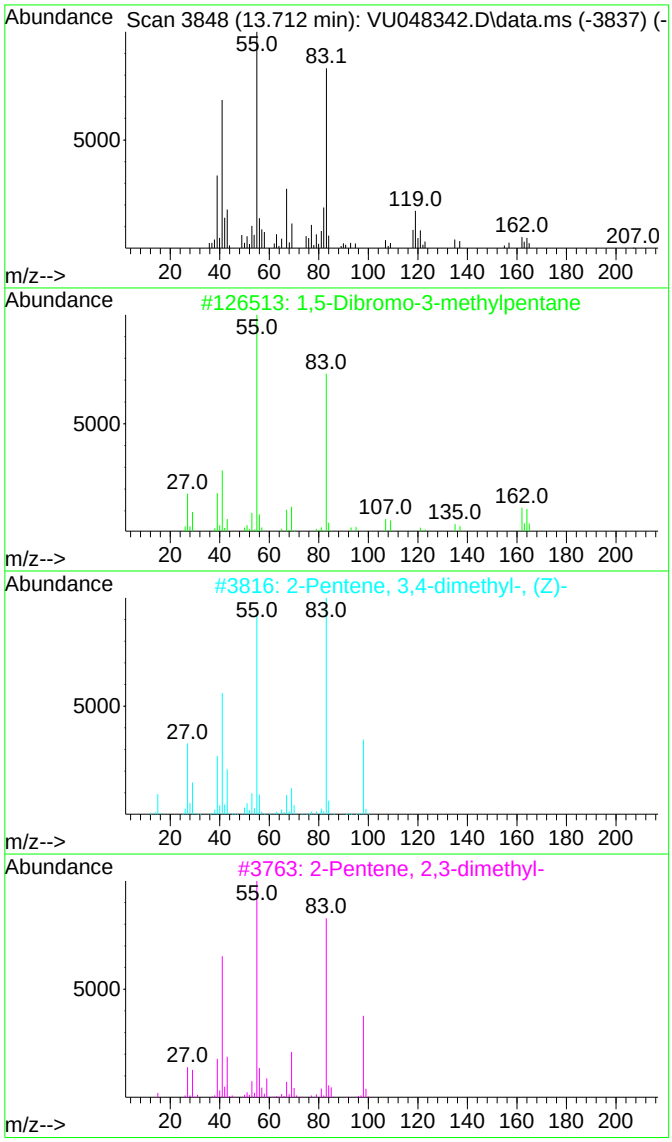
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

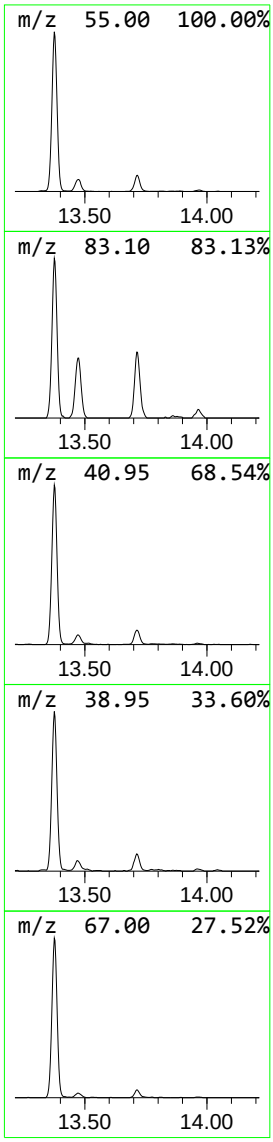
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,5-Dibromo-3-methylpentane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.713	4.45 ug/L	90514	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	64
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	50
3	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	50
4	Cyclopropane, 2-bromo-1,1,3-trim...	162	C6H11Br	036617-00-2	50
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

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

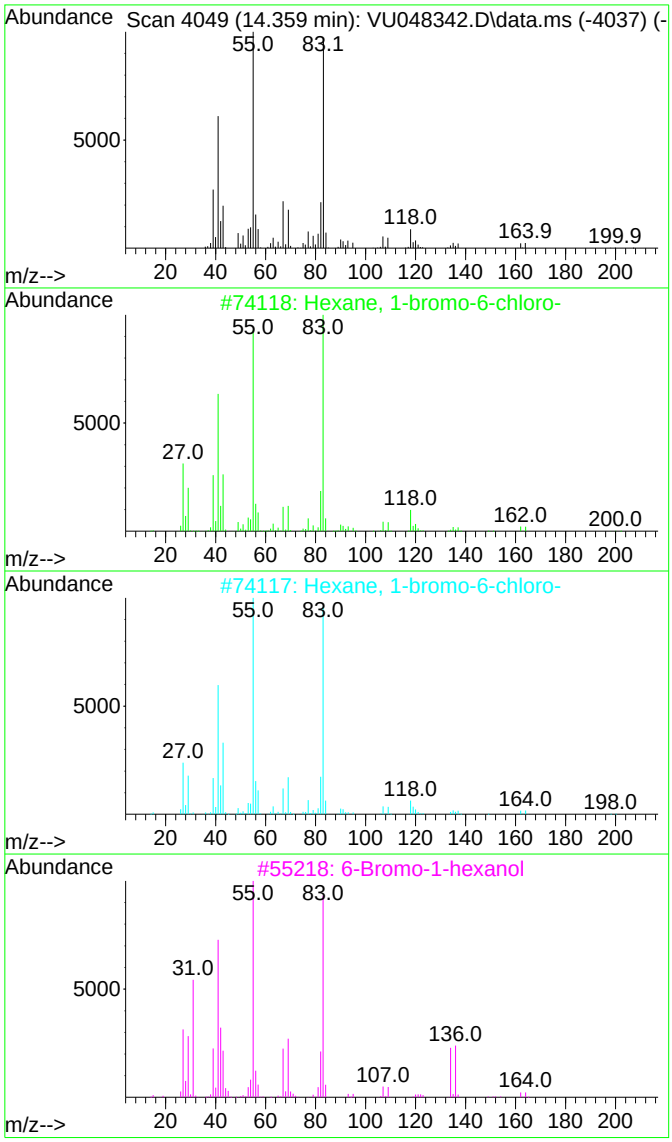
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

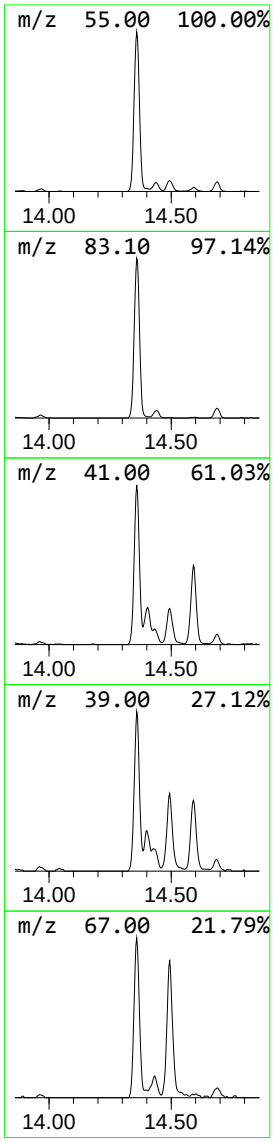
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.359	23.46 ug/L	477122	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	95
2	Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	72
3	6-Bromo-1-hexanol	180	C6H13BrO	004286-55-9	64
4	1-Cyclohexylethanol, pentafluoro...	274	C11H15F5O2	1000365-50-1	59
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

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

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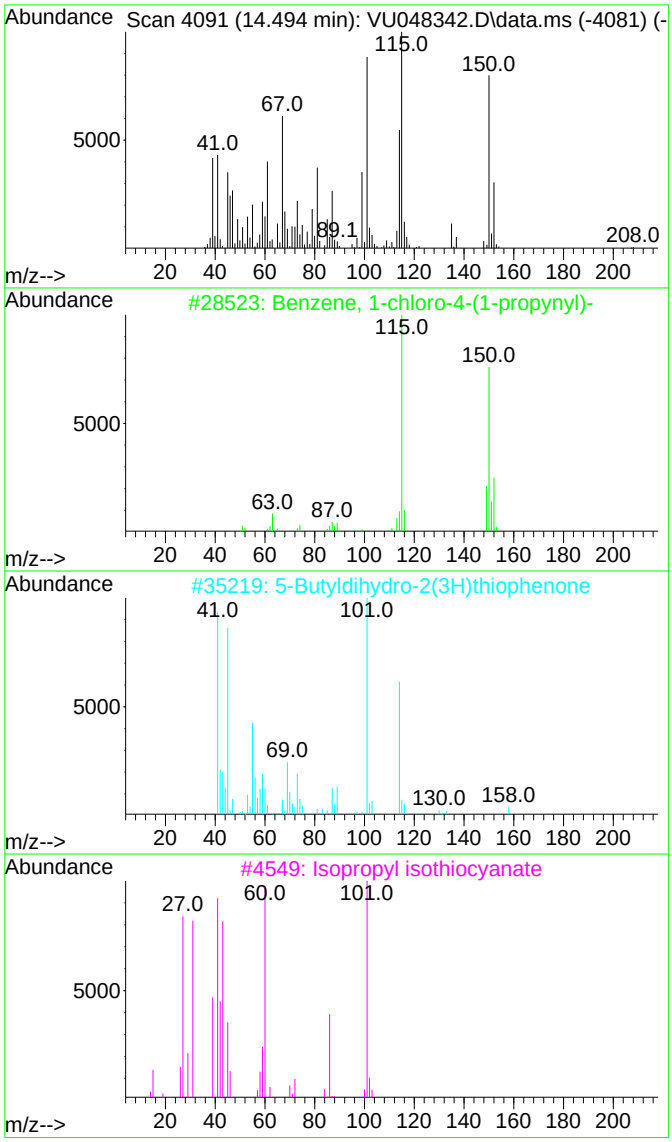
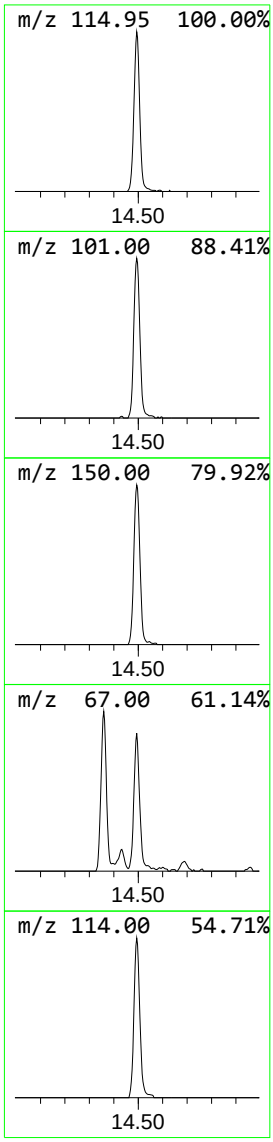
Peak Number 19 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.494	15.77 ug/L	320683	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	43
2	5-Butyldihydro-2(3H)thiophenone	158	C8H14OS	104223-43-0	14
3	Isopropyl isothiocyanate	101	C4H7NS	002253-73-8	11
4	2-Piperidinethione	115	C5H9NS	013070-01-4	11
5	Butane, 2-isothiocyanato-	115	C5H9NS	004426-79-3	11





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Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

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

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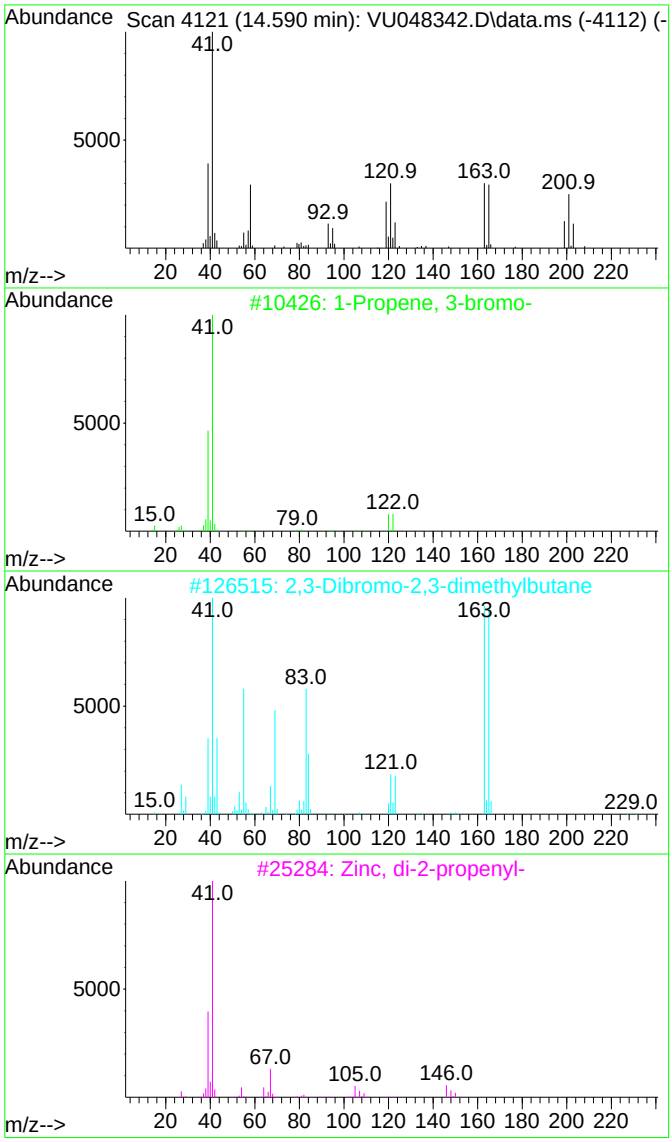
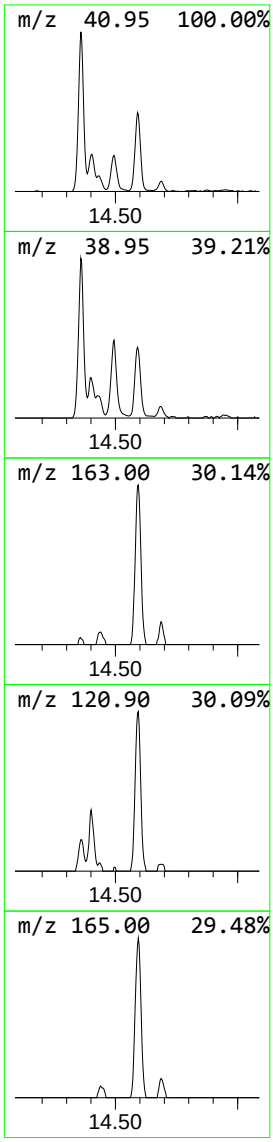
Peak Number 20 unknown-03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.590	5.93 ug/L	120551	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	2,3-Dibromo-2,3-dimethylbutane	242	C6H12Br2	000594-81-0	9
3	Zinc, di-2-propenyl-	146	C6H10Zn	001802-55-7	9
4	Propane, 1,3-dibromo-	200	C3H6Br2	000109-64-8	8
5	o-Allylhydroxylamine	73	C3H7NO	006542-54-7	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

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

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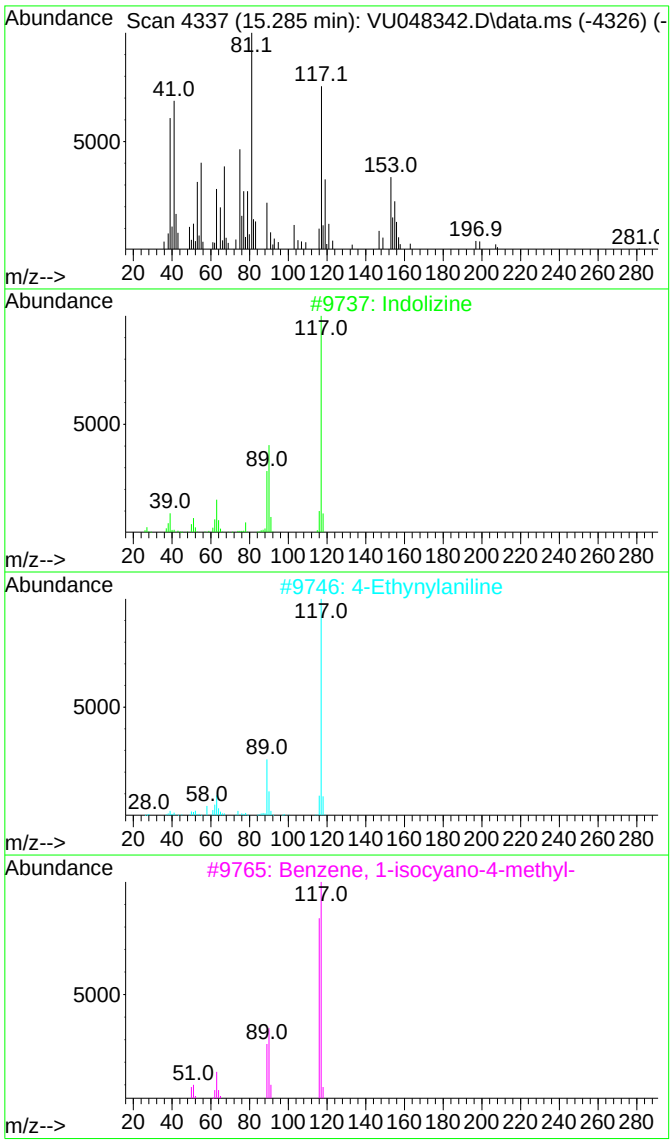
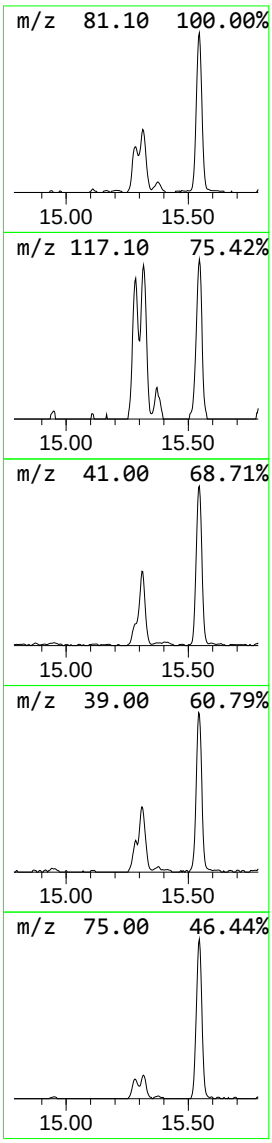
Peak Number 21 unknown-04 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.285	2.63 ug/L	53434	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indolizine	117	C8H7N	000274-40-8	14
2	4-Ethynylaniline	117	C8H7N	014235-81-5	14
3	Benzene, 1-isocyano-4-methyl-	117	C8H7N	007175-47-5	14
4	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	14
5	Trifluoroacetyl-.alpha.-fenchol	250	C12H17F3O2	031076-73-0	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

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

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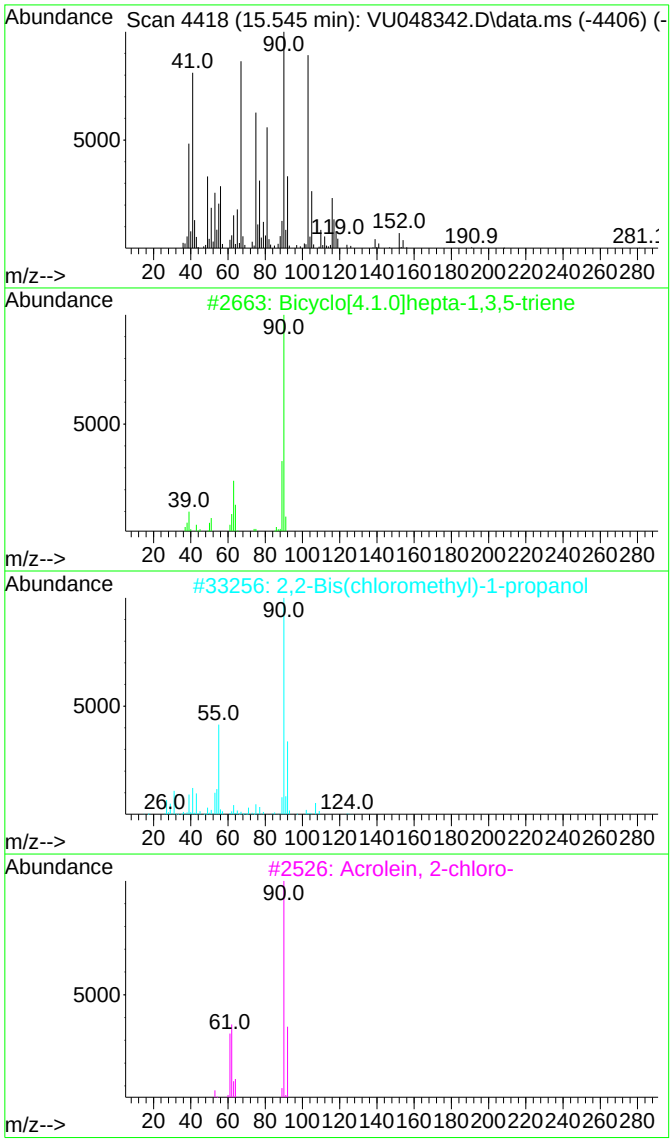
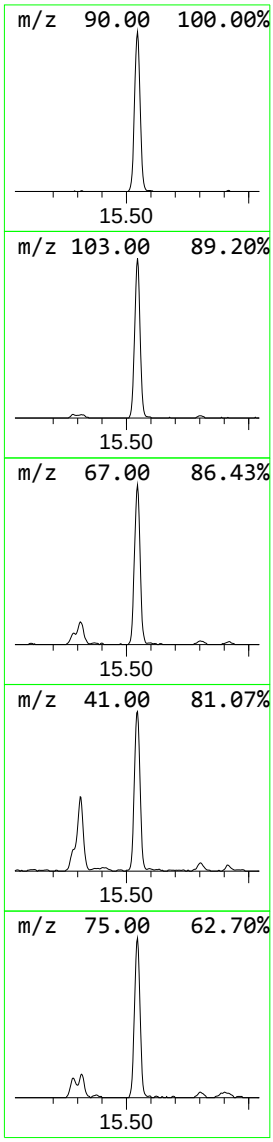
Peak Number 22 unknown-05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.545	20.28 ug/L	412544	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]hepta-1,3,5-triene	90	C7H6	004646-69-9	38
2	2,2-Bis(chloromethyl)-1-propanol	156	C5H10Cl2O	005355-54-4	38
3	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	37
4	Thiourea, methyl-	90	C2H6N2S	000598-52-7	35
5	2,2-Bis(chloromethyl)-1-propanol	156	C5H10Cl2O	005355-54-4	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

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

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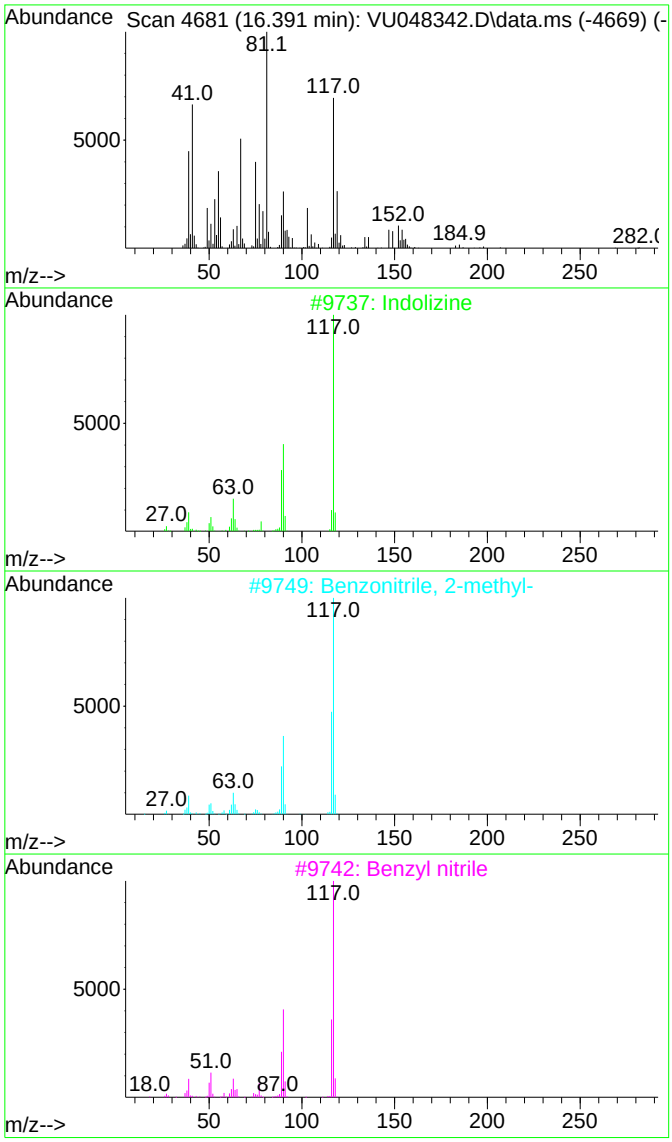
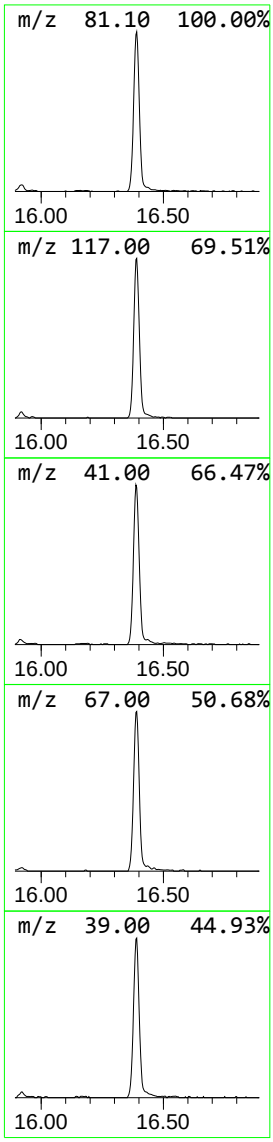
Peak Number 23 unknown-06 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.391	24.01 ug/L	488228	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indolizine	117	C8H7N	000274-40-8	25
2	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	25
3	Benzyl nitrile	117	C8H7N	000140-29-4	25
4	Benzyl nitrile	117	C8H7N	000140-29-4	25
5	Indole	117	C8H7N	000120-72-9	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048342.D
Acq On : 28 Apr 2022 15:37
Operator : SY/MD
Sample : N2587-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0DL

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	100.5	ug/L	1459240	1	6.250	726208	50.0
1-Propene, 3,3'...	6.472	22.3	ug/L	323571	1	6.250	726208	50.0
2H-Pyran, tetra...	7.491	4.8	ug/L	68922	1	6.250	726208	50.0
Propane, 2-brom...	8.298	3.1	ug/L	49199	2	9.417	797268	50.0
Propanal, 2,3-d...	8.574	52.6	ug/L	838881	2	9.417	797268	50.0
1-Hexene, 6-chl...	9.362	4.2	ug/L	66999	2	9.417	797268	50.0
unknown-01	9.578	3.0	ug/L	47877	2	9.417	797268	50.0
Propane, 1-brom...	9.938	21.1	ug/L	335902	2	9.417	797268	50.0
2H-Thiopyran, t...	10.652	2.9	ug/L	59503	3	11.812	1016890	50.0
Cyclopropane, 2...	12.468	4.0	ug/L	81202	3	11.812	1016890	50.0
Hexane, 1,2-dic...	12.706	4.7	ug/L	95837	3	11.812	1016890	50.0
Benzene, 1-brom...	12.970	10.4	ug/L	211695	3	11.812	1016890	50.0
Benzene, 1-brom...	13.330	7.1	ug/L	143829	3	11.812	1016890	50.0
Hexane, 1,6-dic...	13.375	49.2	ug/L	999759	3	11.812	1016890	50.0
Acetaldehyde 2E...	13.471	3.5	ug/L	71114	3	11.812	1016890	50.0
1,5-Dibromo-3-m...	13.713	4.5	ug/L	90514	3	11.812	1016890	50.0
Hexane, 1-bromo...	14.359	23.5	ug/L	477122	3	11.812	1016890	50.0
unknown-02	14.494	15.8	ug/L	320683	3	11.812	1016890	50.0
unknown-03	14.590	5.9	ug/L	120551	3	11.812	1016890	50.0
unknown-04	15.285	2.6	ug/L	53434	3	11.812	1016890	50.0
unknown-05	15.545	20.3	ug/L	412544	3	11.812	1016890	50.0
unknown-06	16.391	24.0	ug/L	488228	3	11.812	1016890	50.0