LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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: VU047986.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	26	rVB	86811	81479	0.47%	0.170%
2	1.601	73	81	98	rVB	105555	126815	0.73%	0.265%
3	1.906	167	176	197	rVB	87906	131814	0.75%	0.275%
4	2.565	369	381	397	rBV	191886	317389	1.81%	0.663%
5	2.758	438	441	444	rBV3	722	712	0.00%	0.001%
6	3.047	523	531	532	rBV4	2267	2568	0.01%	0.005%
7	3.192	572	576	581	rVB2	747	686	0.00%	0.001%
8	3.359	619	628	641	rVB5	2363	4527	0.03%	0.009%
9	3.446	649	655	661	rVB4	850	915	0.01%	0.002%
10	3.697	726	733	745	rVB6	1961	3936	0.02%	0.008%
11	3.874	783	788	791	rBV4	642	615	0.00%	0.001%
12	3.964	807	816	837	rBV2	11250	32727	0.19%	0.068%
13	4.620	1007	1020	1051	rBV	145157	346656	1.98%	0.724%
14	5.063	1141	1158	1179	rBV	206445	446136	2.55%	0.932%
15	5.591	1312	1322	1341	rVB6	8553	20647	0.12%	0.043%
16	5.726	1344	1364	1374	rBV2	388934	1092858	6.25%	2.283%
17	6.137	1483	1492	1509	rVB4	9680	19673	0.11%	0.041%
18	6.250	1513	1527	1552	rVB	410058	775945	4.44%	1.621%
19	6.530	1607	1614	1622	rBV4	1495	2703	0.02%	0.006%
20	6.690	1647	1664	1682	rBV	258410	502351	2.87%	1.050%
21	7.044	1768	1774	1779	rBV4	701	825	0.00%	0.002%
22	7.179	1803	1816	1829	rVV5	3229	6918	0.04%	0.014%
23	7.491	1905	1913	1922	rVB3	2177	3557	0.02%	0.007%
24	7.565	1922	1936	1959	rBV	129481	227221	1.30%	0.475%
25	7.690	1966	1975	1981	rBV3	1612	2761	0.02%	0.006%
26	7.899	2026	2040	2054	rVV	453674	782268	4.47%	1.634%
27	7.970	2056	2062	2083	rVV2	23557	44233	0.25%	0.092%
28	8.179	2114	2127	2138	rBV	91411	154792	0.89%	0.323%
29	8.240	2138	2146	2164	rVB3	22472	42738	0.24%	0.089%
30	8.472	2213	2218	2222	rBV3	624	754	0.00%	0.002%
31	8.578	2247	2251	2255	rBV4	672	787	0.00%	0.002%
32	8.632	2255	2268	2302	rBV	454153	792134	4.53%	1.655%
33	8.861	2336	2339	2346	rVB6	799	853	0.00%	0.002%
34	9.179	2430	2438	2447	rBV5	3242	5504	0.03%	0.011%
35	9.362	2484	2495	2501	rBV3	29132	45968	0.26%	0.096%
36	9.417	2501	2512	2518	rBV	607823	1047943	5.99%	2.189%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047986.D
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Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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	9.578	2552	2562	2576	rVB3	23972	38573	0.22%	0.081%
38	9.690	2592	2597	2606	rVB2	2103	2905	0.02%	0.006%
39	9.919	2659	2668	2676	rBV7	4202	8620	0.05%	0.018%
40	10.105	2719	2726	2730	rBV3	1475	1947	0.01%	0.004%
41	10.587	2864	2876	2885	rVB2	6390	10625	0.06%	0.022%
42	10.655	2885	2897	2911	rBV	65768	103390	0.59%	0.216%
43	10.758	2916	2929	2955	rBV	463542	840917	4.81%	1.757%
44	10.960	2987	2992	2995	rBV3	954	891	0.01%	0.002%
45	11.256	3076	3084	3091	rBV5	1911	2349	0.01%	0.005%
46	11.288	3092	3094	3102	rVB3	618	689	0.00%	0.001%
47	11.381	3118	3123	3128	rBV5	735	811	0.00%	0.002%
48	11.462	3140	3148	3152	rBV6	2070	2899	0.02%	0.006%
49	11.513	3158	3164	3171	rVB5	1078	1775	0.01%	0.004%
50	11.584	3180	3186	3191	rBV4	1477	1654	0.01%	0.003%
51	11.745	3229	3236	3244	rBV4	6618	9698	0.06%	0.020%
52	11.812	3244	3257	3278	rBV2	718860	1342745	7.68%	2.805%
53	11.954	3293	3301	3306	rBV6	5590	8752	0.05%	0.018%
54	11.996	3310	3314	3319	rVB5	3073	3673	0.02%	0.008%
55	12.105	3339	3348	3350	rBV5	1602	1711	0.01%	0.004%
56	12.195	3359	3376	3395	rBV	579700	1055771	6.04%	2.206%
57	12.291	3404	3406	3412	rVB4	1135	1069	0.01%	0.002%
58	12.471	3453	3462	3478	rVB6	15062	26896	0.15%	0.056%
59	12.562	3485	3490	3493	rBV4	1025	976	0.01%	0.002%
60	12.616	3497	3507	3522	rVB7	11152	18730	0.11%	0.039%
61	12.706	3525	3535	3545	rBV3	11732	16516	0.09%	0.035%
62	12.854	3569	3581	3590	rBV3	6295	16488	0.09%	0.034%
63	12.909	3591	3598	3604	rVV3	13006	21043	0.12%	0.044%
64	12.970	3604	3617	3645	rVV	1300746	2144822	12.26%	4.481%
65	13.086	3645	3653	3662	rVB5	9234	14939	0.09%	0.031%
66	13.163	3665	3677	3689	rVV	120739	190790	1.09%	0.399%
67	13.250	3698	3704	3708	rBV9	1532	2299	0.01%	0.005%
68	13.327	3716	3728	3736	rBV	1362483	2135656	12.21%	4.462%
69	13.375	3736	3743	3761	rVV	1061227	1572931	8.99%	3.286%
70	13.475	3765	3774	3796	rVB	54613	98554	0.56%	0.206%
71	13.713	3832	3848	3862	rVB4	16435	32879	0.19%	0.069%
72	13.809	3875	3878	3880	rBV4	1335	1064	0.01%	0.002%
73	13.841	3880	3888	3905	rVB3	30485	56357	0.32%	0.118%
74	13.963	3915	3926	3937	rBV2	70152	110117	0.63%	0.230%
75	14.050	3945	3953	3975	rVB5	50207	95719	0.55%	0.200%
76	14.272	4017	4022	4024	rBV5	2345	2314	0.01%	0.005%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
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Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

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

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

77	14.307	4028	4033	4037	rVV4	8729	11687	0.07%	0.024%
78	14.359	4037	4049	4063	rVV	2221614	3347556	19.14%	6.994%
79	14.430	4065	4071	4082	rVV	158664	246113	1.41%	0.514%
80	14.494	4082	4091	4108	rVB2	64655	107803	0.62%	0.225%
81	14.594	4116	4122	4134	rVB3	14314	22598	0.13%	0.047%
82	14.729	4161	4164	4165	rBV3	1336	715	0.00%	0.001%
83	14.819	4187	4192	4201	rVB5	7596	10604	0.06%	0.022%
84	14.886	4201	4213	4221	rBV2	50775	85514	0.49%	0.179%
85	15.108	4274	4282	4290	rBV2	20190	28937	0.17%	0.060%
86	15.159	4291	4298	4307	rVV4	12303	22141	0.13%	0.046%
87	15.204	4308	4312	4321	rVB5	12034	16371	0.09%	0.034%
88	15.311	4340	4345	4357	rVB2	2057247	3157643	18.05%	6.597%
89	15.375	4358	4365	4370	rBV2	84890	119122	0.68%	0.249%
90	15.545	4405	4418	4432	rVB	2407934	3708171	21.20%	7.747%
91	15.803	4486	4498	4510	rBV	171586	301581	1.72%	0.630%
92	15.915	4511	4533	4542	rVV3	524047	1309909	7.49%	2.737%
93	15.960	4542	4547	4561	rVB	98529	148139	0.85%	0.310%
94	16.147	4598	4605	4613	rBV4	24942	41994	0.24%	0.088%
95	16.266	4634	4642	4650	rBV3	32851	51845	0.30%	0.108%
96	16.327	4651	4661	4668	rVV3	83815	160272	0.92%	0.335%
97	16.391	4669	4681	4709	rVB	11457037	17489218	100.00%	36.540%
98	17.208	4929	4935	4942	rBV2	27368	37328	0.21%	0.078%
99	17.259	4943	4951	4964	rVB	127362	206016	1.18%	0.430%
100	17.346	4970	4978	4993	rVB	97539	160740	0.92%	0.336%

Sum of corrected areas: 47862979

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
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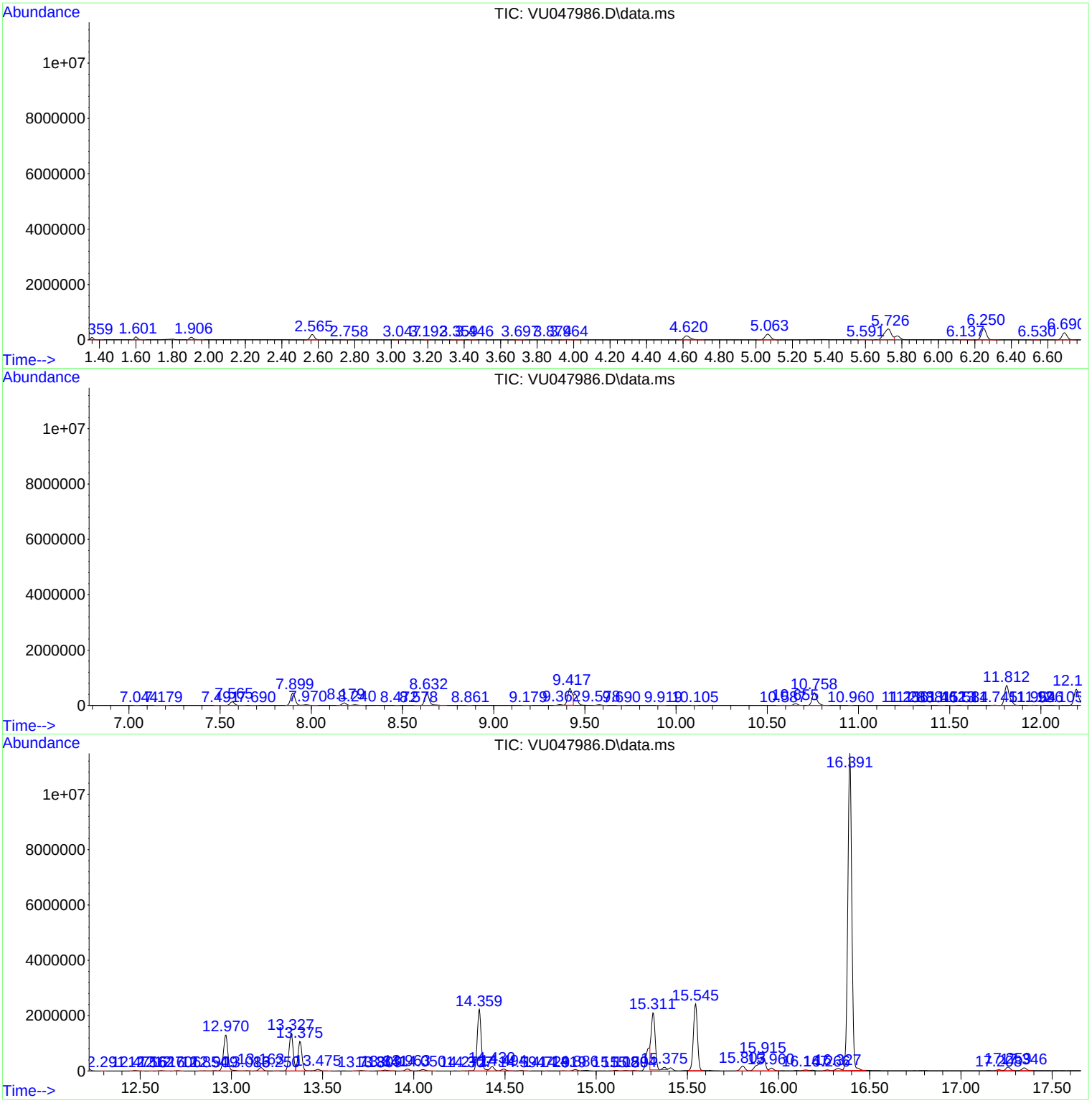
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

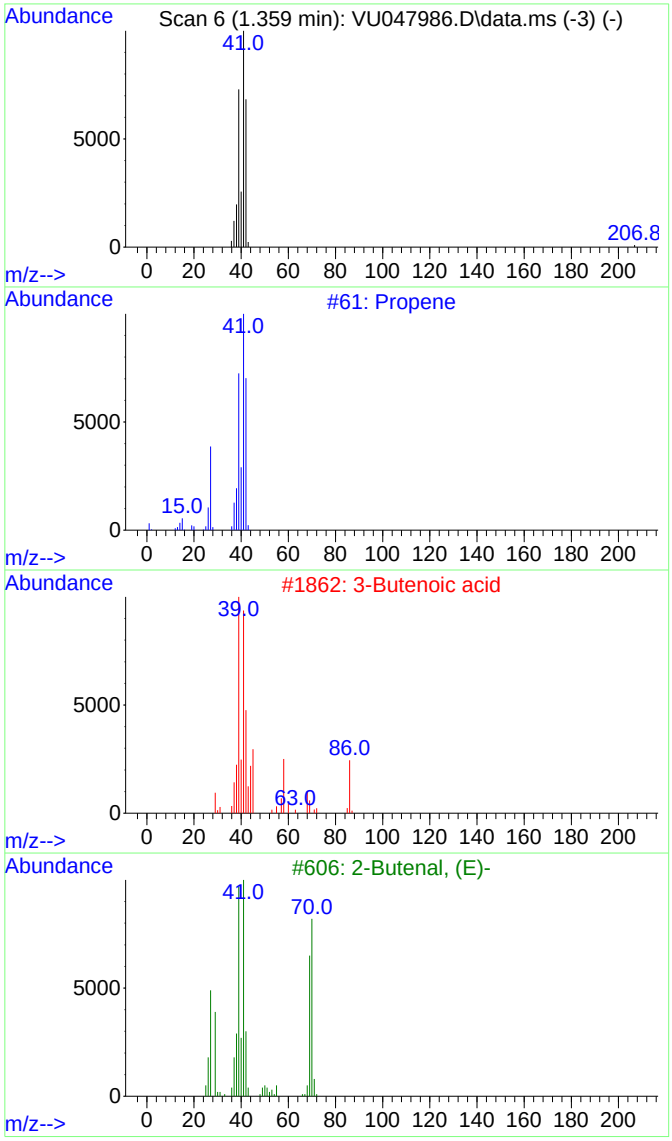
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

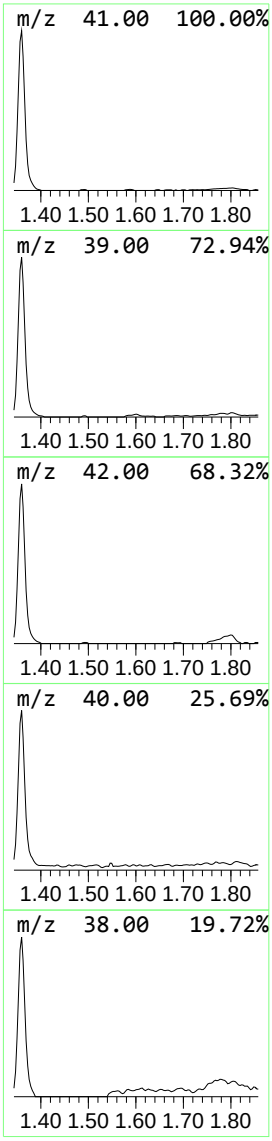
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.359	5.25 ug/L	81479	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	3-Butenoic acid	86	C4H6O2	000625-38-7	78
3	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
4	Pyrimidin-4(3H)-one, 3-amino-2,6...	139	C6H9N3O	093098-74-9	78
5	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

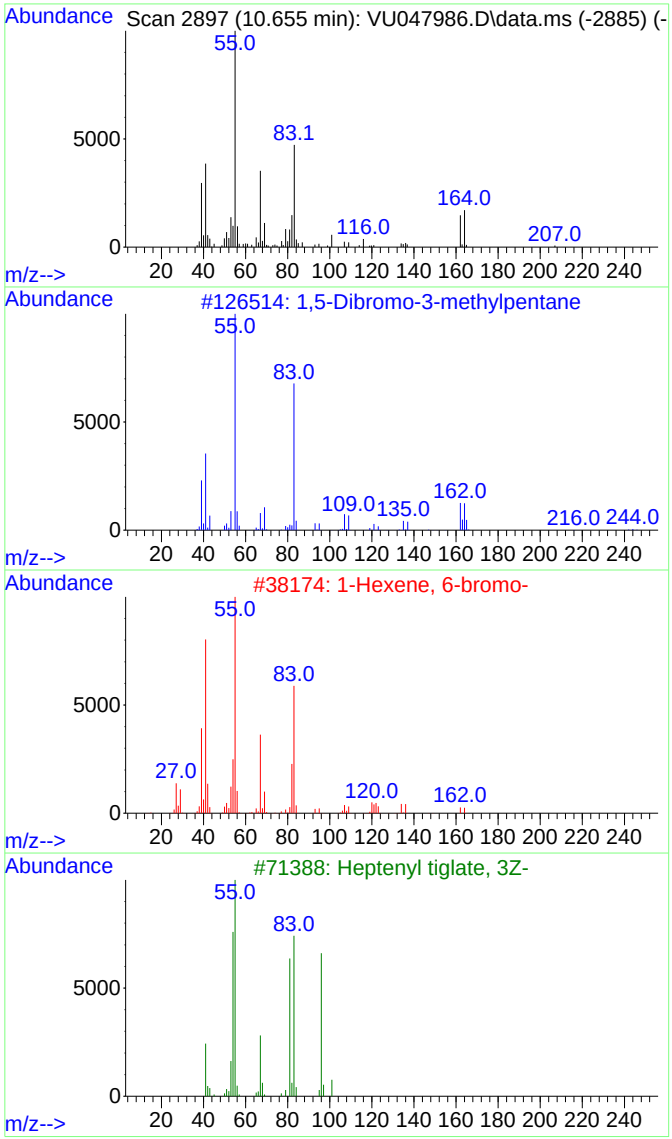
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

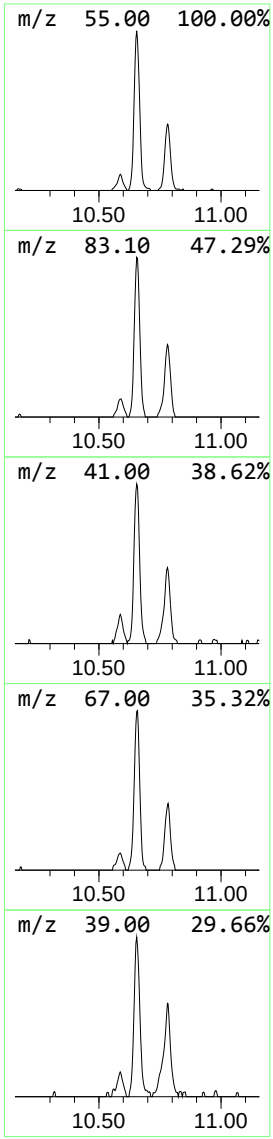
****

Peak Number 3 1,5-Dibromo-3-methylpentane Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.655	3.85 ug/L	103390	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	59
2	1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	53
3	Heptenyl tiglate, 3Z-	196	C12H20O2	1000383-64-2	50
4	1-Pentene, 3-ethyl-3-methyl-	112	C8H16	006196-60-7	47
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
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Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

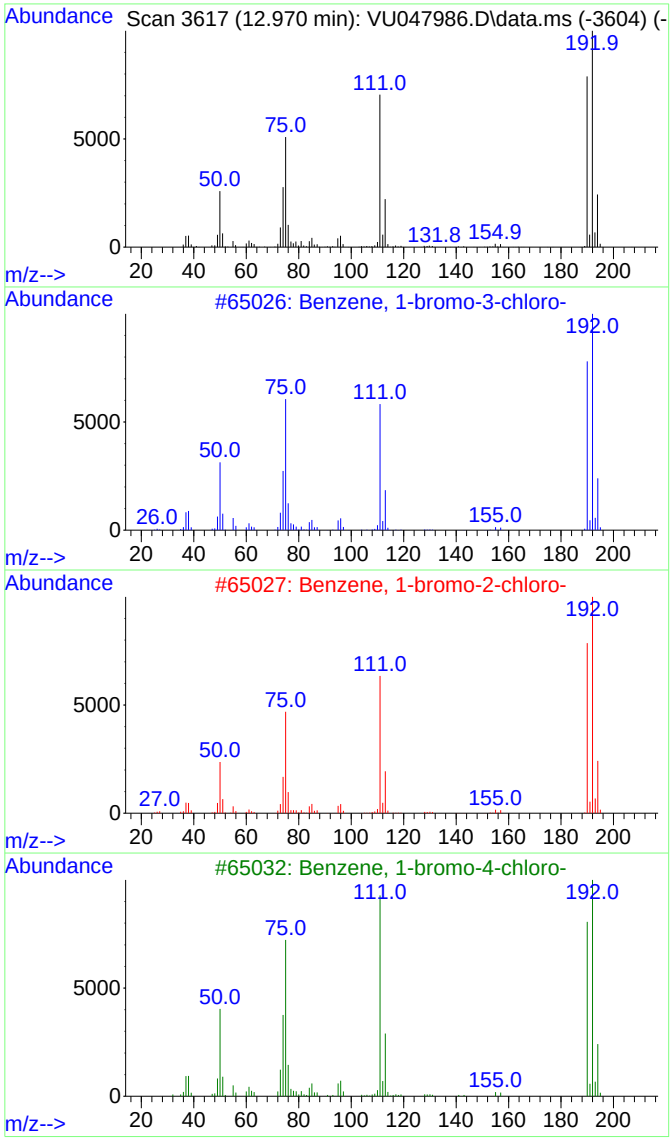
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

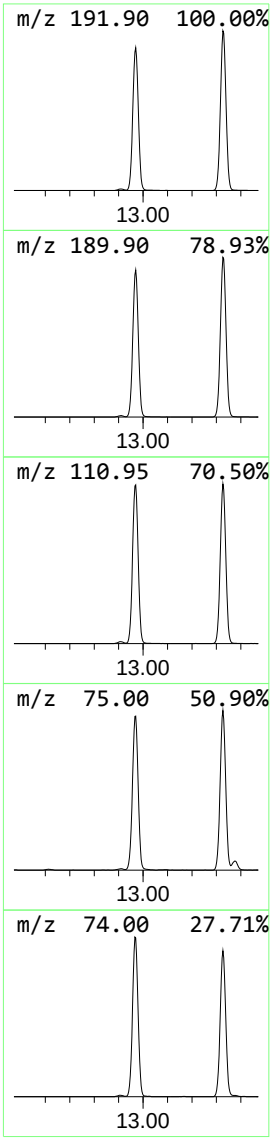
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-bromo-3-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.970	79.87 ug/L	2144820	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	99
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
4	Benzene, 1-bromo-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\VU041222\
Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

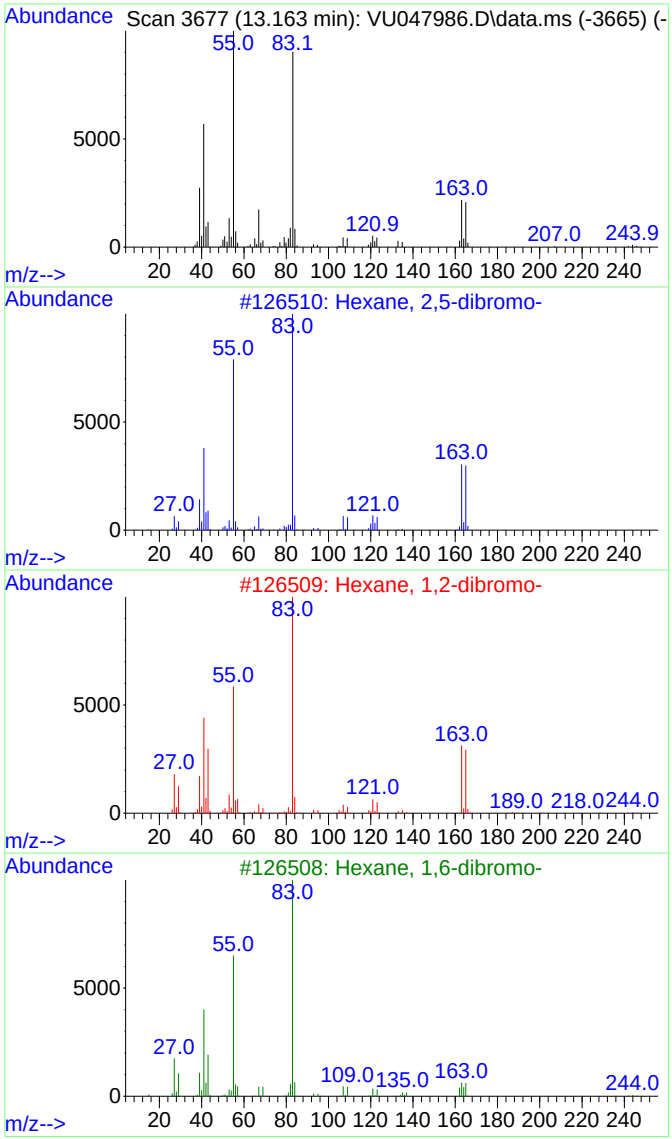
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

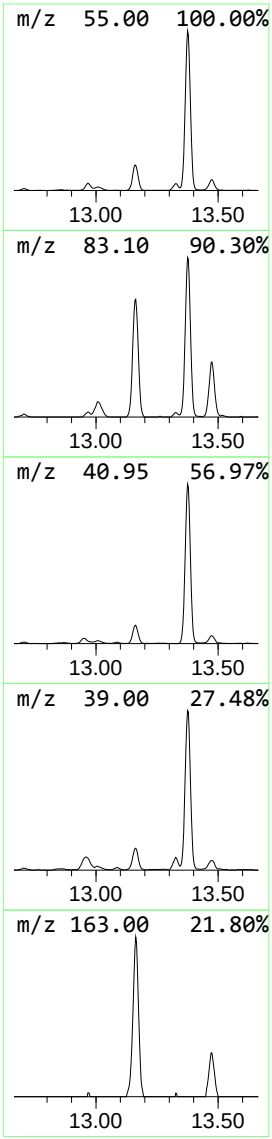
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexane, 2,5-dibromo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	7.10 ug/L	190790	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	86
2	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	86
3	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	76
4	1,5-Dibromo-3-methylpentane	242	C6H12Br2	004457-72-1	53
5	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

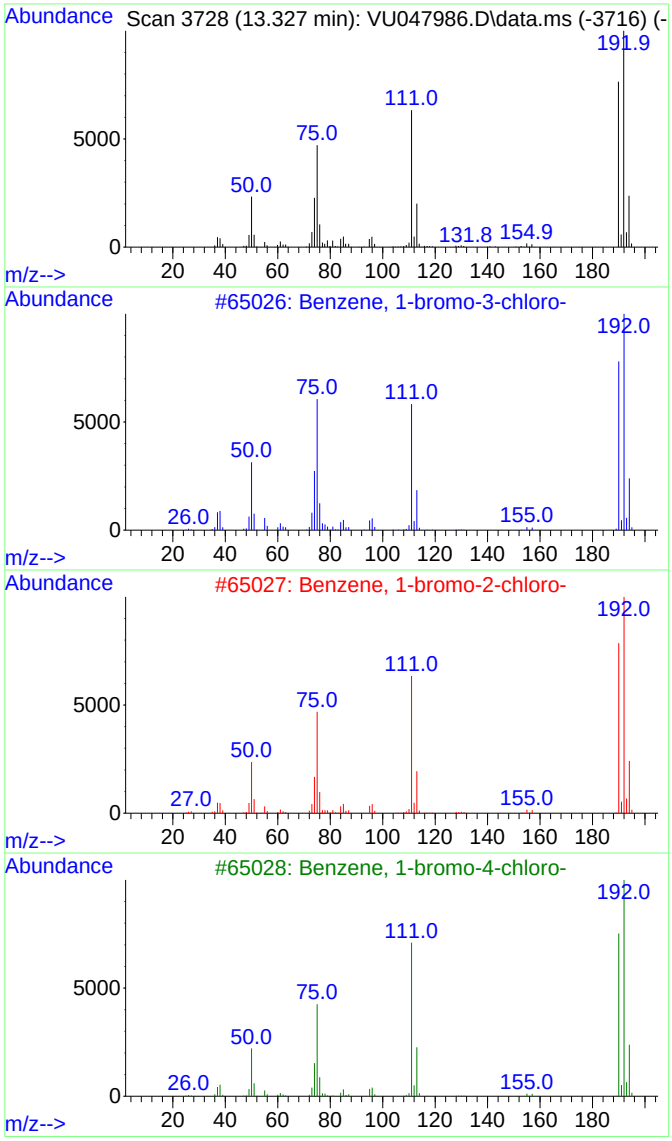
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

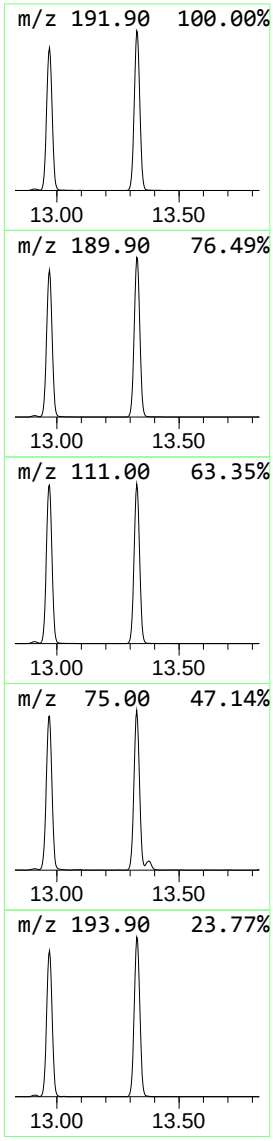
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-bromo-2-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.327	79.53 ug/L	2135660	1,4-Dichlorobenzene-d4	11.812

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





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Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

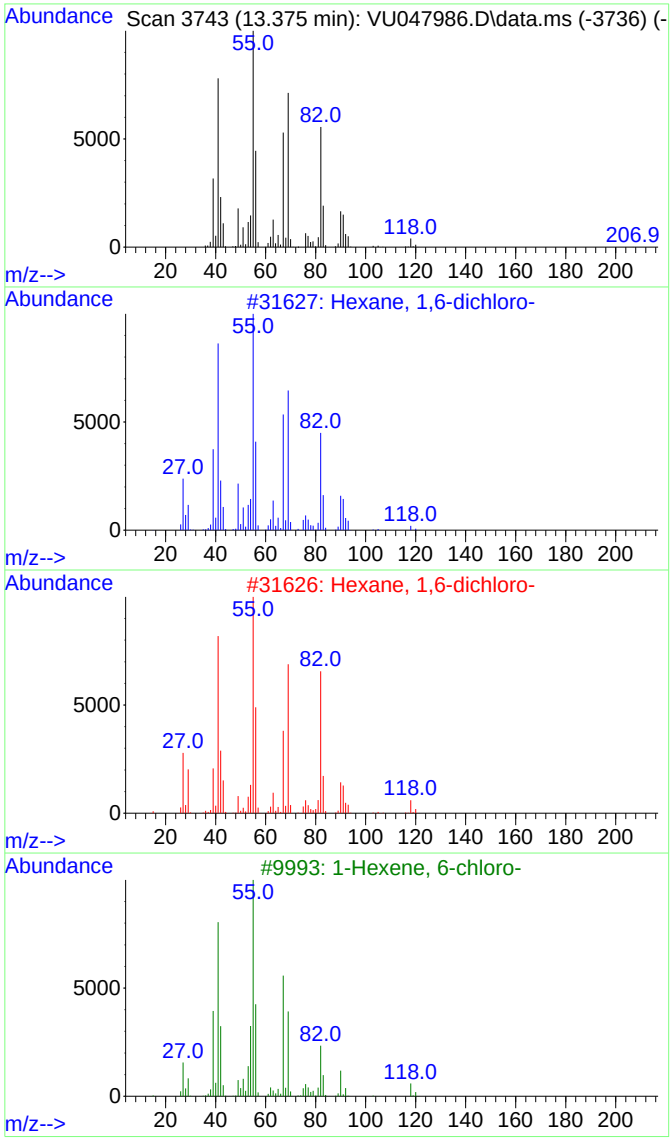
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

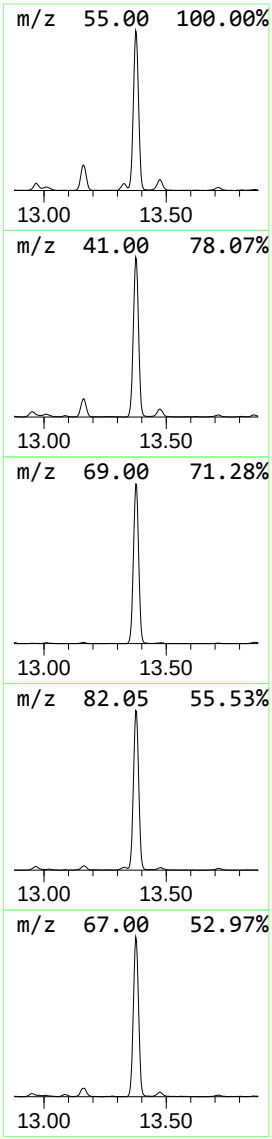
****

Peak Number 7 Hexane, 1,6-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.375	58.57 ug/L	1572930	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	91
2	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	64
3	1-Hexene, 6-chloro-	118	C6H11Cl	000928-89-2	52
4	cis-3-Hexenyl crotonate	168	C10H16O2	1000429-17-4	35
5	6-Oxabicyclo[3.1.0]hexane	84	C5H8O	000285-67-6	35





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Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

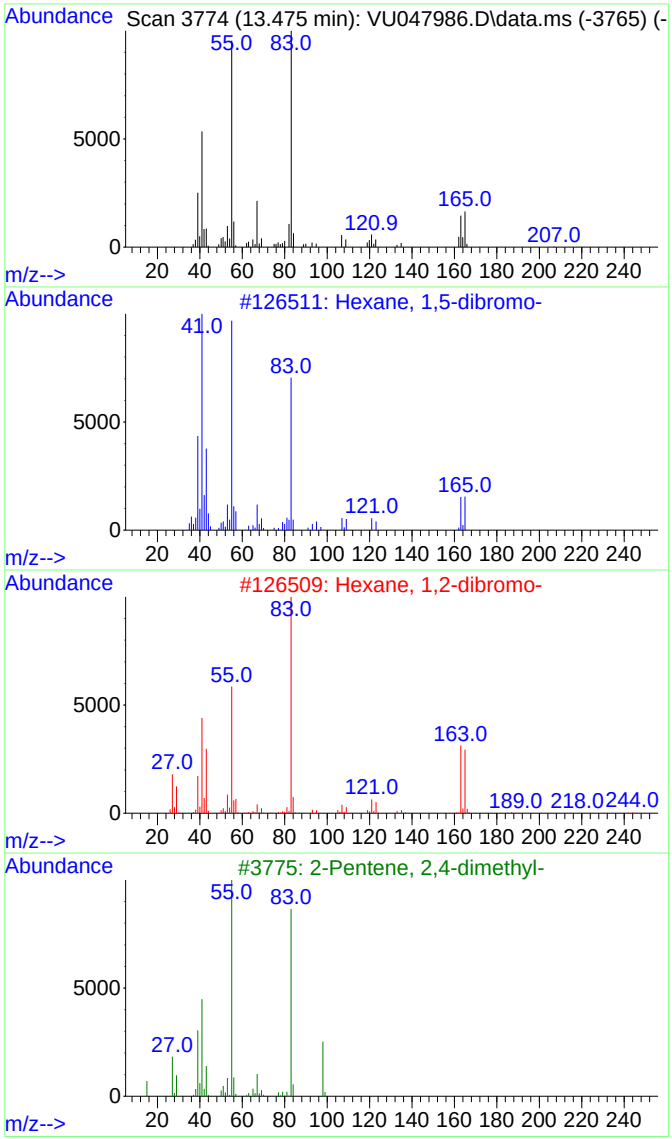
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

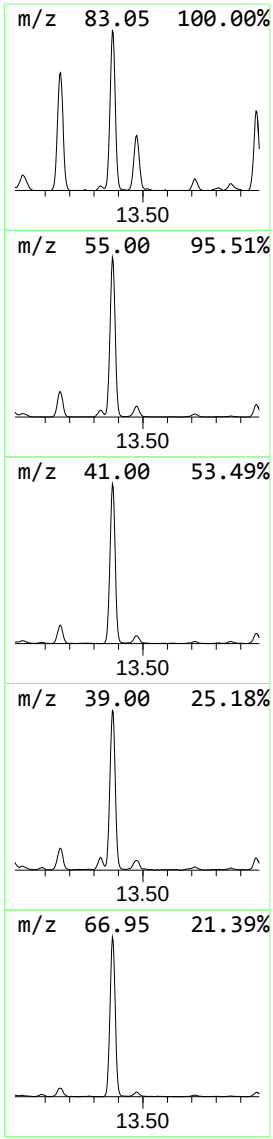
****

Peak Number 8 Hexane, 1,5-dibromo- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.475	3.67 ug/L	98554	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,5-dibromo-	242	C6H12Br2	000627-96-3	64
2	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	59
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	50
4	2-Butenoic acid, 2-methyl-, 2-me...	154	C9H14O2	061692-78-2	50
5	Cyclopropane, 2-bromo-1,1,3-trim...	162	C6H11Br	036617-00-2	50





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Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

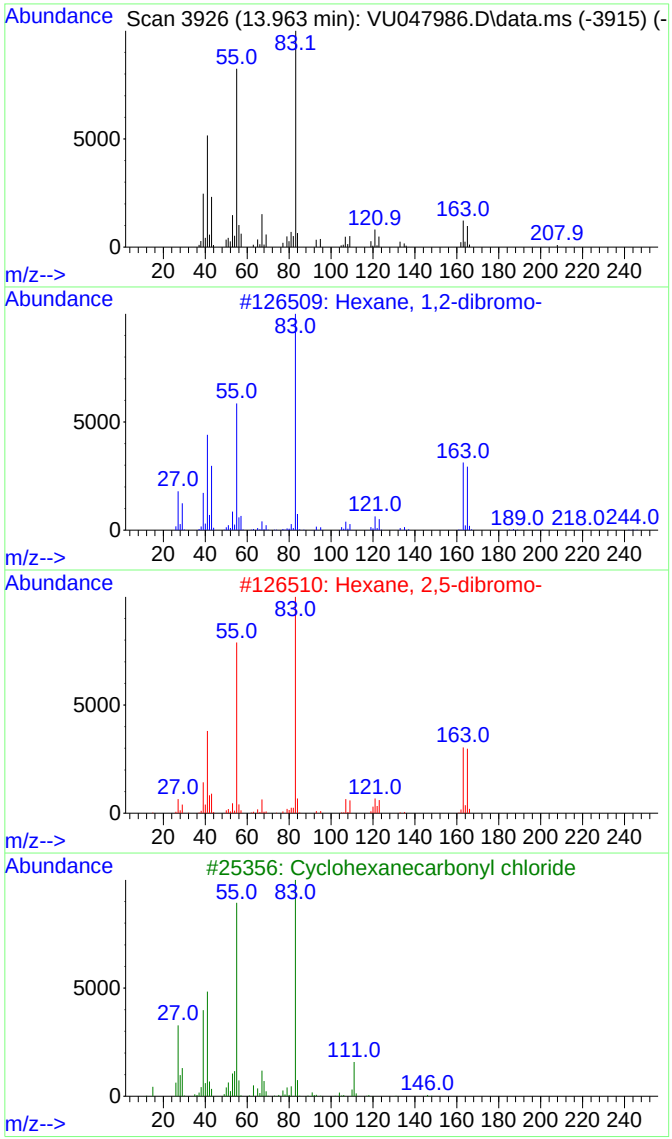
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

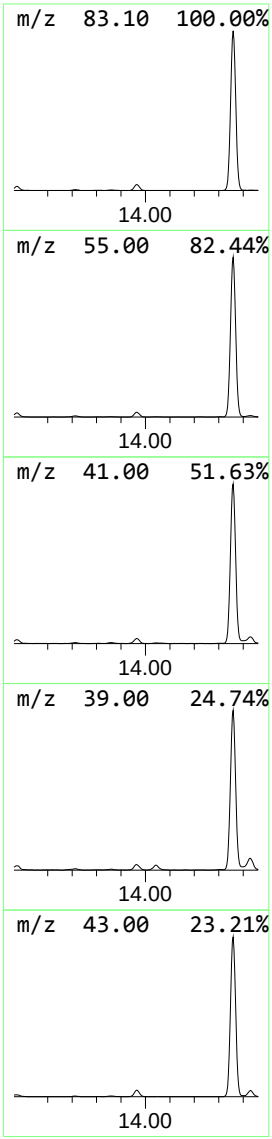
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexane, 1,2-dibromo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.963	4.10 ug/L	110117	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	74
2	Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	64
3	Cyclohexanecarbonyl chloride	146	C7H11ClO	002719-27-9	53
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	53
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	53





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Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

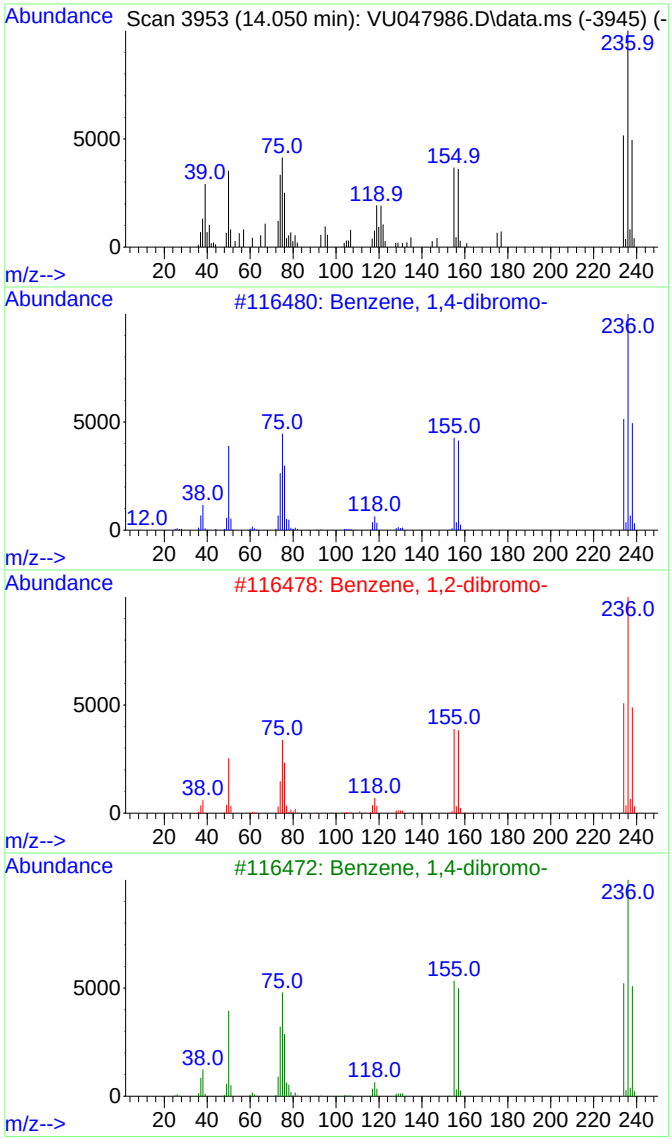
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

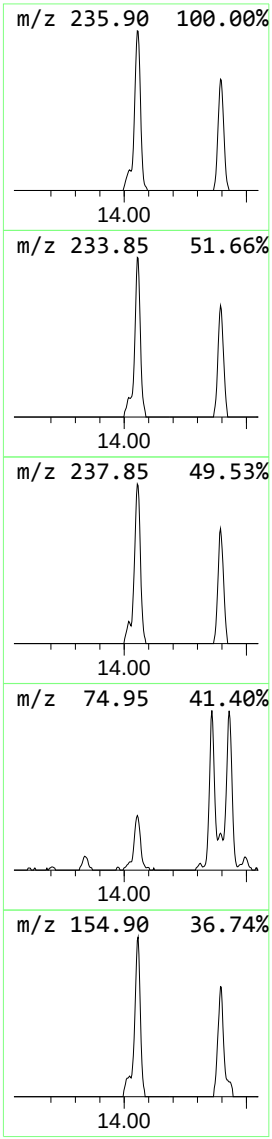
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,4-dibromo- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.050	3.56 ug/L	95719	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dibromo-	234	C6H4Br2	000106-37-6	99
2	Benzene, 1,2-dibromo-	234	C6H4Br2	000583-53-9	99
3	Benzene, 1,4-dibromo-	234	C6H4Br2	000106-37-6	99
4	Benzene, 1,3-dibromo-	234	C6H4Br2	000108-36-1	99
5	Benzene, 1,4-dibromo-	234	C6H4Br2	000106-37-6	98





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Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

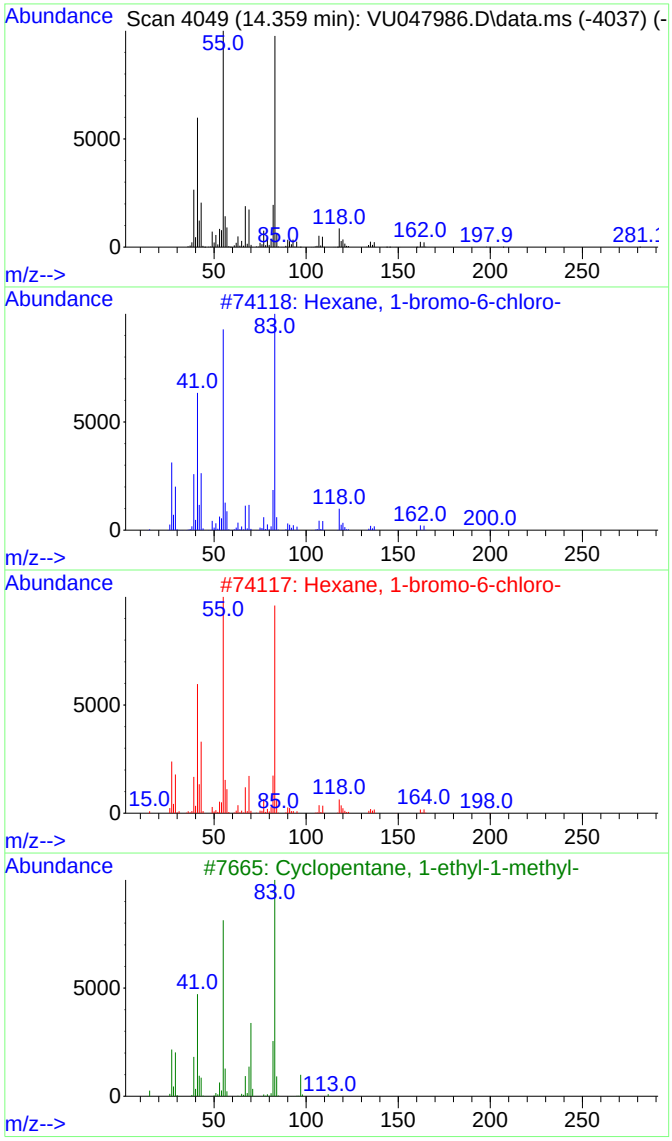
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

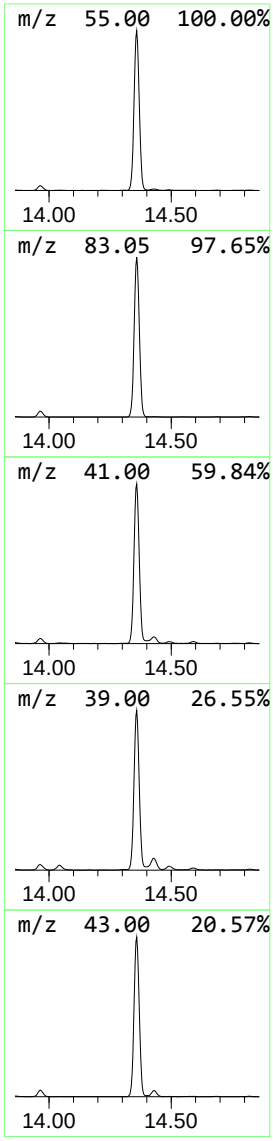
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Hexane, 1-bromo-6-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.359	124.65 ug/L	3347560	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	95
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	64
4	6-Bromo-1-hexanol	180	C6H13BrO	004286-55-9	64
5	Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	59





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Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

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

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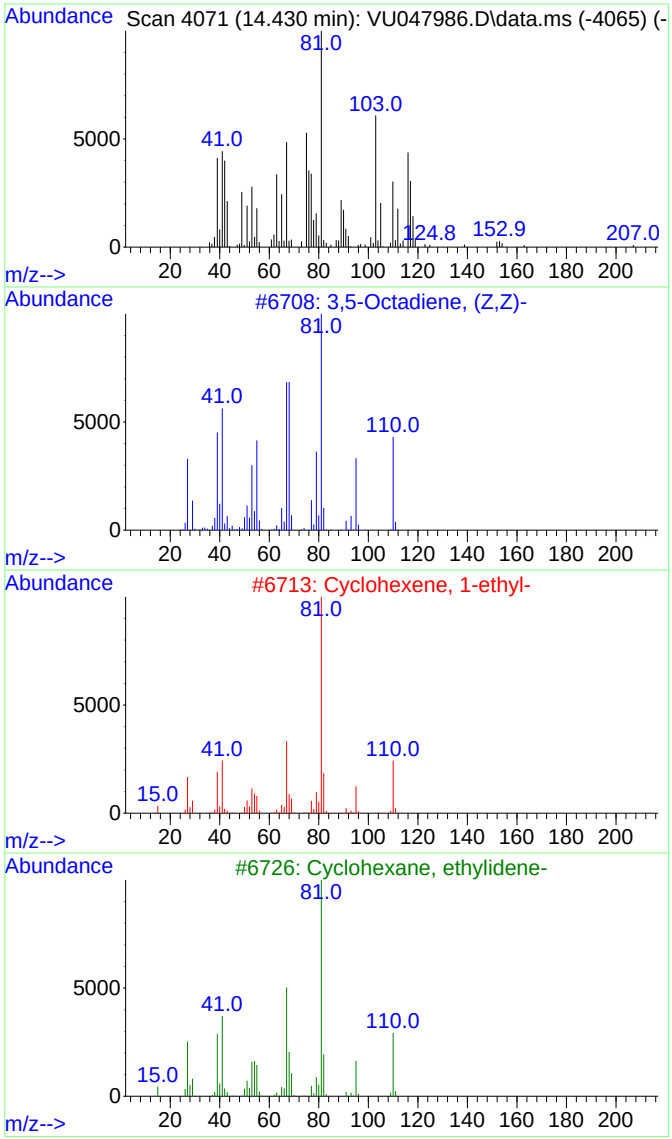
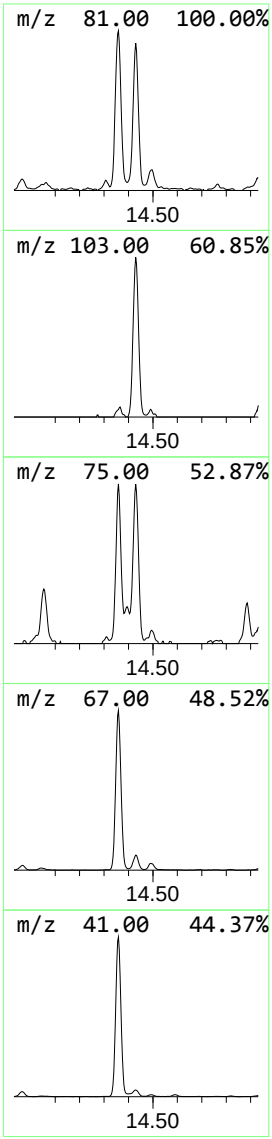
Peak Number 12 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.430	9.16 ug/L	246113	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Octadiene, (Z,Z)-	110	C8H14	007348-80-3	30
2	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	25
3	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	25
4	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	25
5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

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

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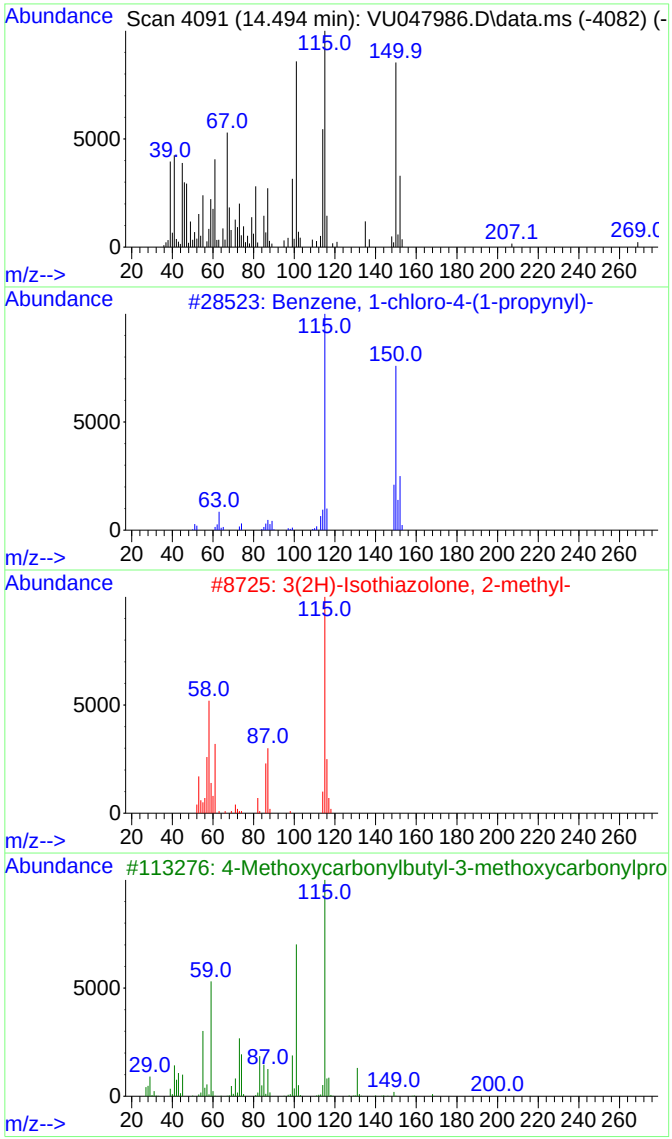
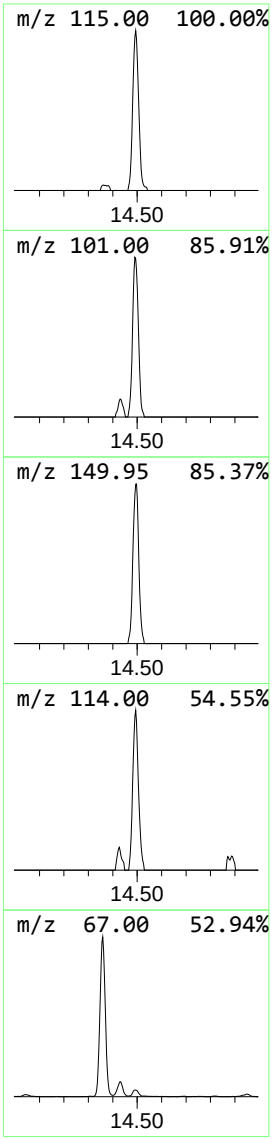
Peak Number 13 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.494	4.01 ug/L	107803	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	3(2H)-Isothiazolone, 2-methyl-	115	C4H5NOS	002682-20-4	27
3	4-Methoxycarbonylbutyl-3-methoxy...	232	C11H20O5	017361-53-4	25
4	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	22
5	2-Pyrrolidinethione, 1-methyl-	115	C5H9NS	010441-57-3	18





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

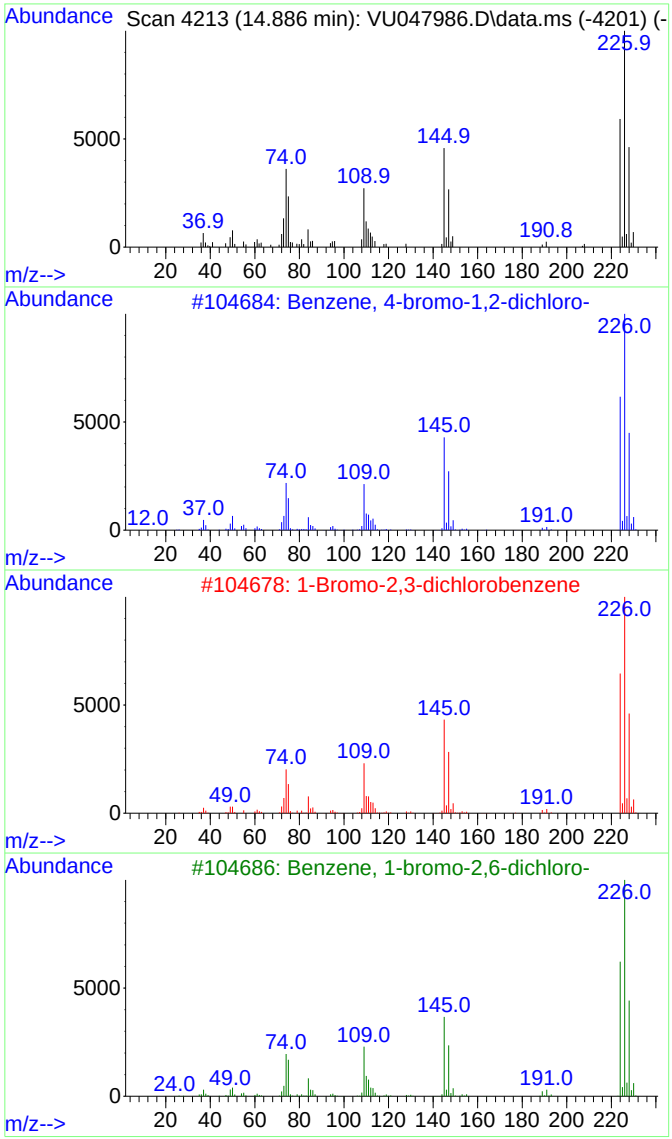
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

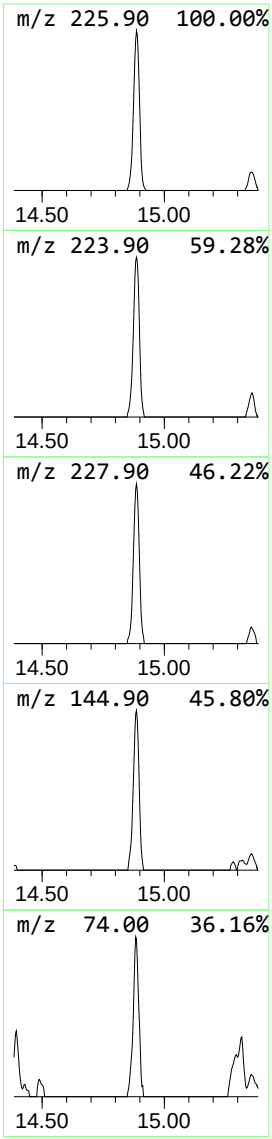
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 4-bromo-1,2-dichloro- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.886	3.18 ug/L	85514	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-bromo-1,2-dichloro-	224	C6H3BrCl2	018282-59-2	99
2	1-Bromo-2,3-dichlorobenzene	224	C6H3BrCl2	056961-77-4	99
3	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	99
4	1-Bromo-2,4-dichlorobenzene	224	C6H3BrCl2	001193-72-2	98
5	Benzene, 2-bromo-1,4-dichloro-	224	C6H3BrCl2	001435-50-3	98





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

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

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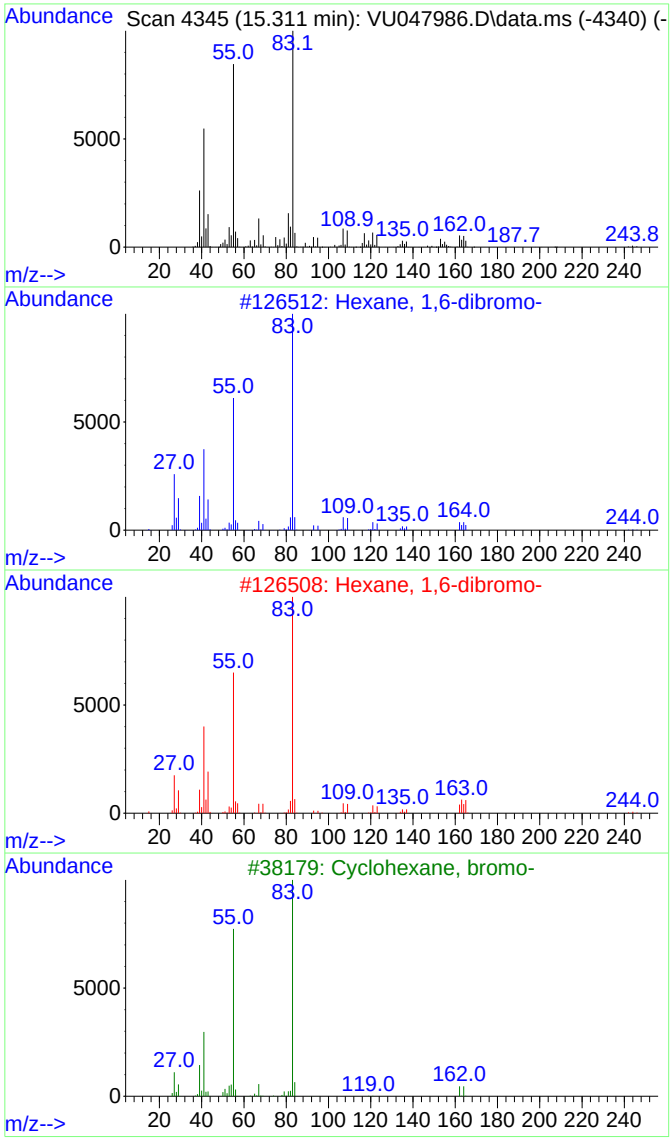
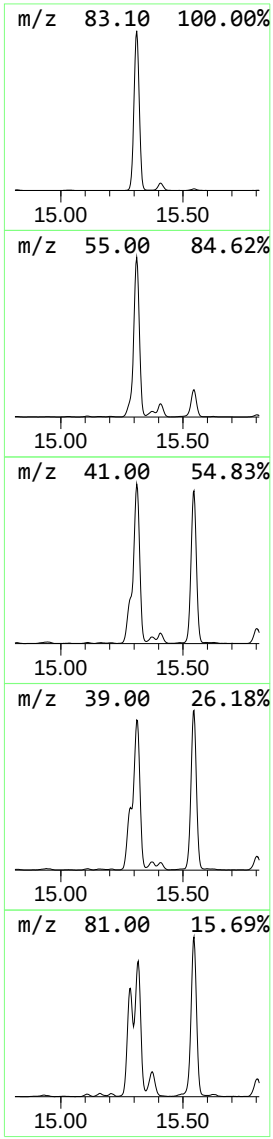
Peak Number 15 Hexane, 1,6-dibromo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.311	117.58 ug/L	3157640	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	96
2	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	91
3	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	72
4	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	64
5	Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

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

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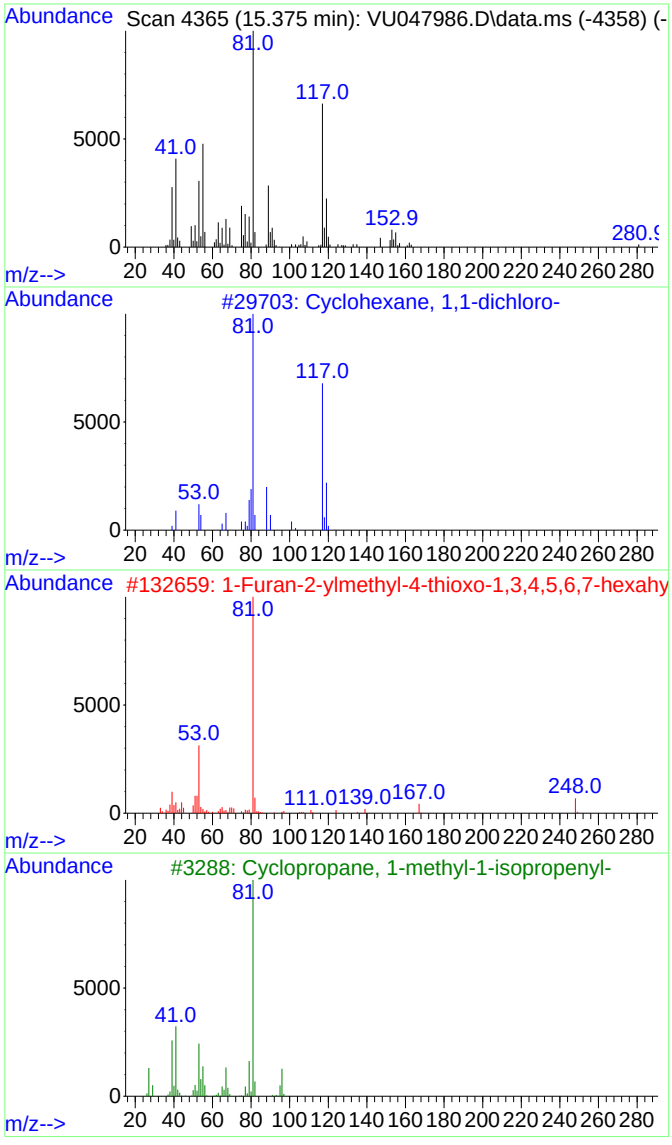
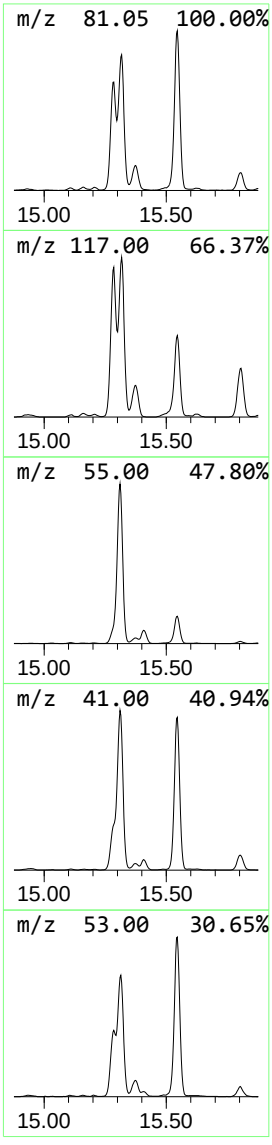
Peak Number 16 Cyclohexane, 1,1-dichloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.375	4.44 ug/L	119122	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dichloro-	152	C6H10Cl2	002108-92-1	64
2	1-Furan-2-ylmethyl-4-thioxo-1,3,...	248	C12H12N2O2S	1000300-03-4	35
3	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	35
4	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	25
5	2(5H)-Furanone, 5-(2-furanylmeth...	178	C10H10O3	031969-27-4	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

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

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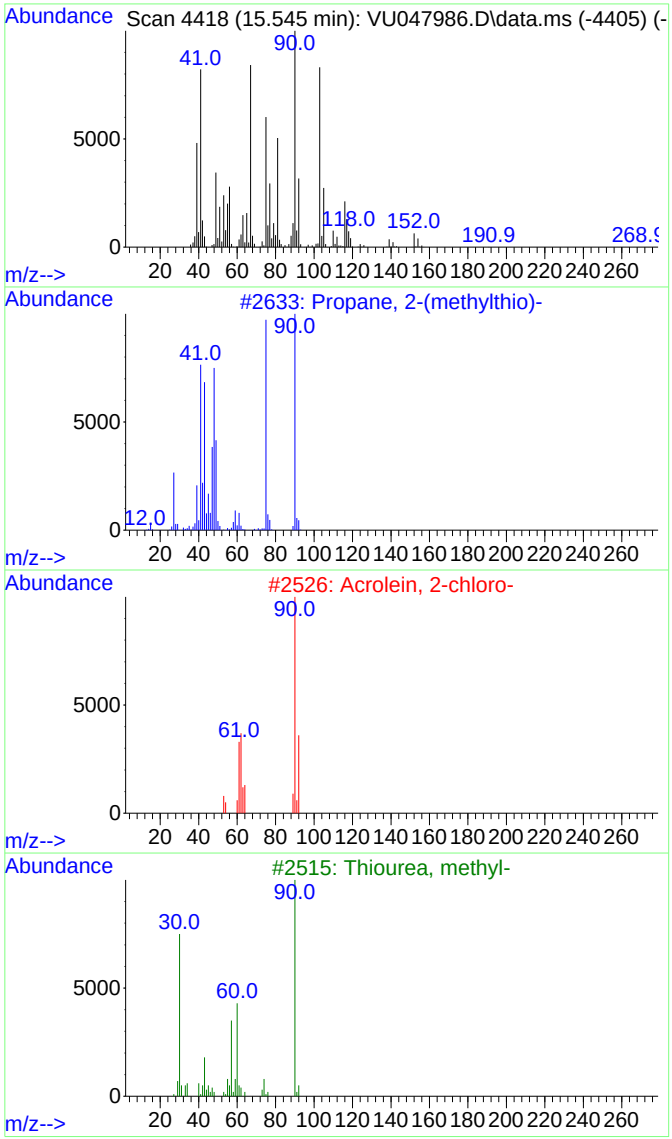
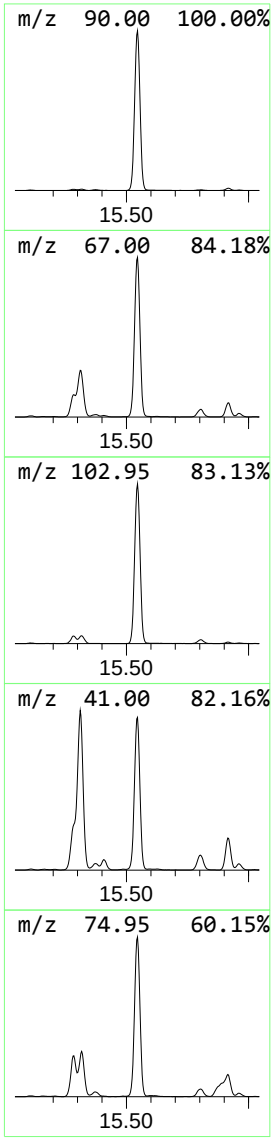
Peak Number 17 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.545	138.08 ug/L	3708170	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	37
2	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	37
3	Thiourea, methyl-	90	C2H6N2S	000598-52-7	35
4	1,3,5-Trichloro-4-methyl-2-penta...	202	C6H9Cl3O	1000140-03-8	25
5	2,2-Bis(chloromethyl)-1-propanol	156	C5H10Cl2O	005355-54-4	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

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

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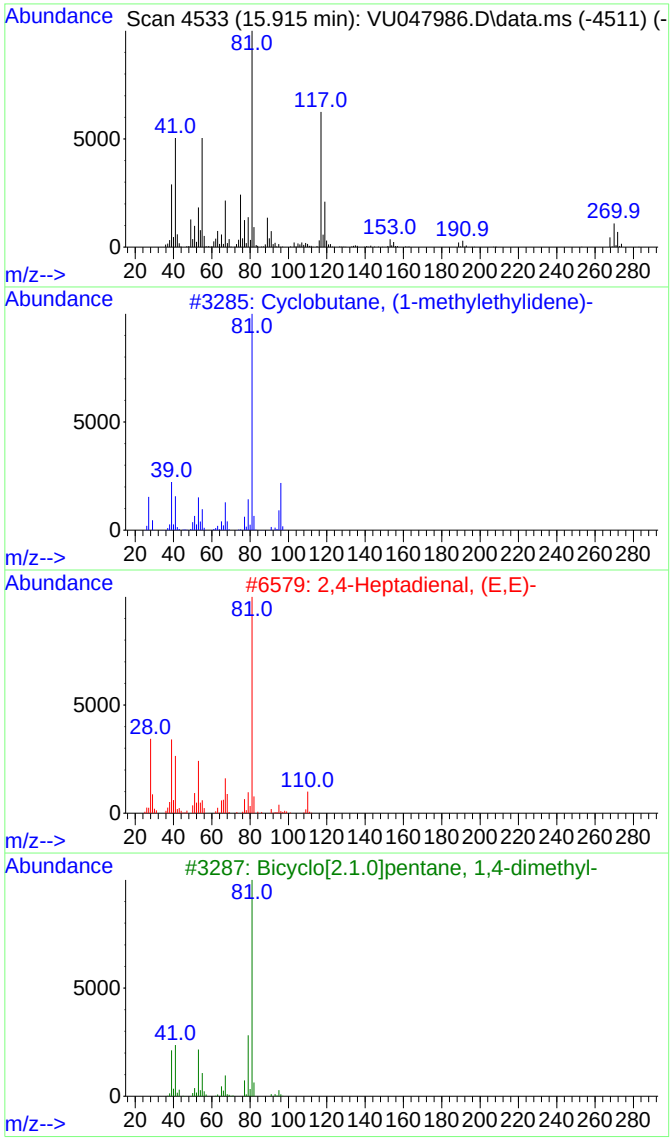
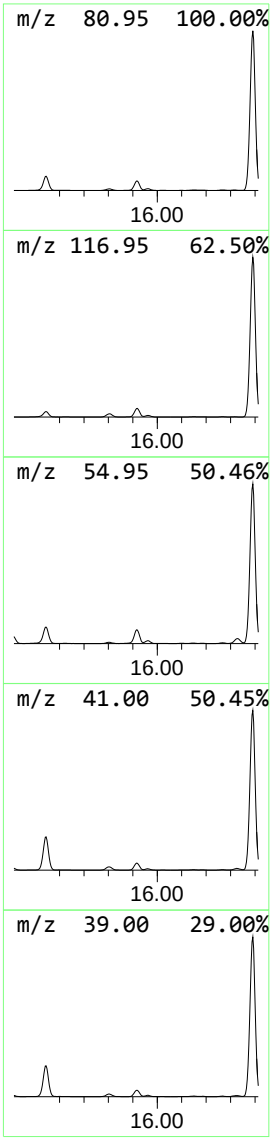
Peak Number 19 unknown-04 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.915	48.78 ug/L	1309910	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	35
2	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	35
3	Bicyclo[2.1.0]pentane, 1,4-dimet...	96	C7H12	017065-18-8	27
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	27
5	2,4-Decadienal, (E,Z)-	152	C10H16O	025152-83-4	25





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Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

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

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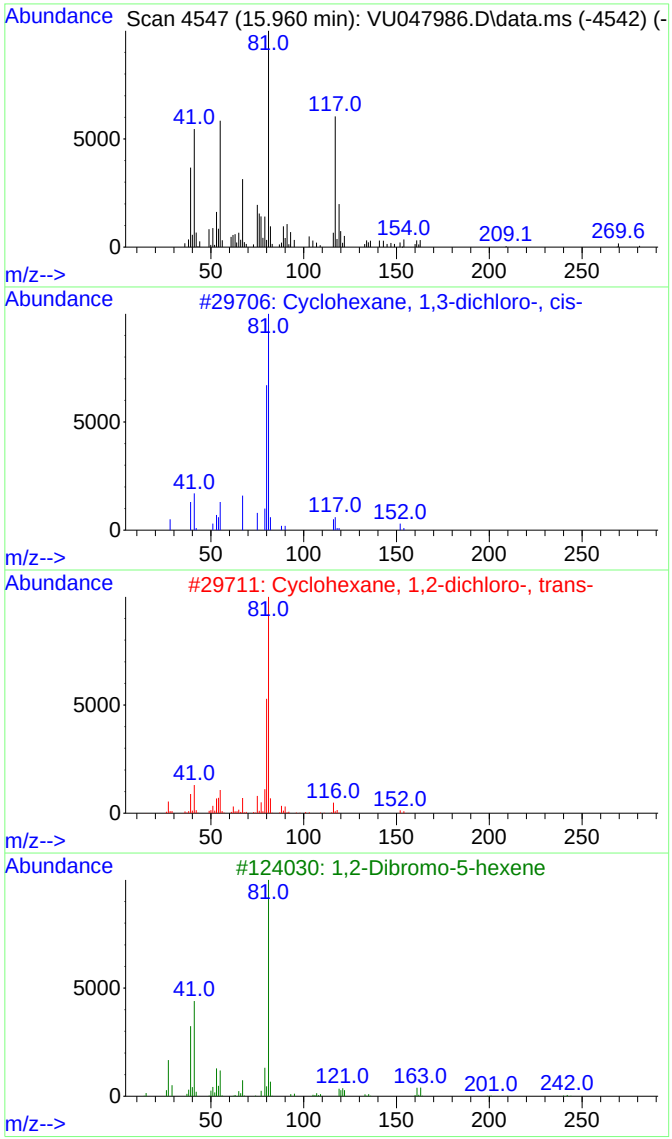
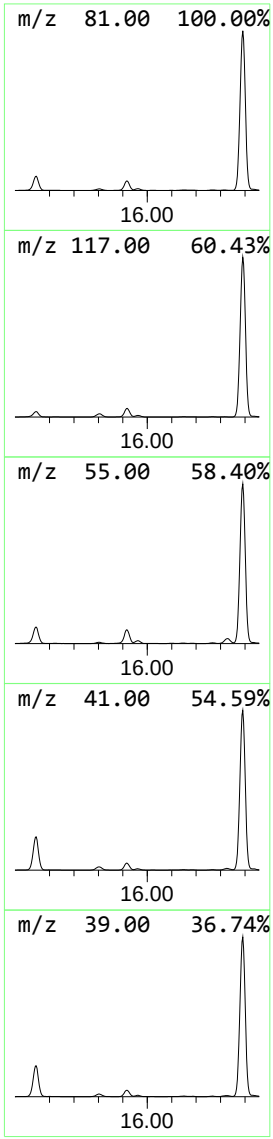
Peak Number 20 unknown-05 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.960	5.52 ug/L	148139	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dichloro-, cis-	152	C6H10Cl2	024955-63-3	35
2	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	35
3	1,2-Dibromo-5-hexene	240	C6H10Br2	004285-48-7	35
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	35
5	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	27





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Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

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

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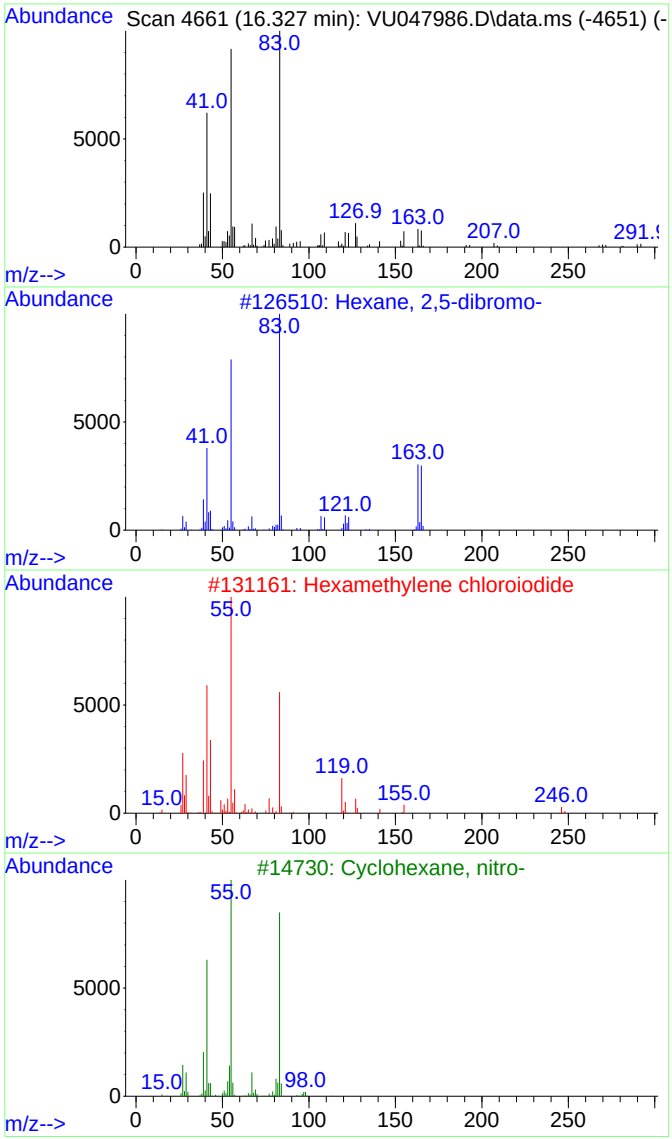
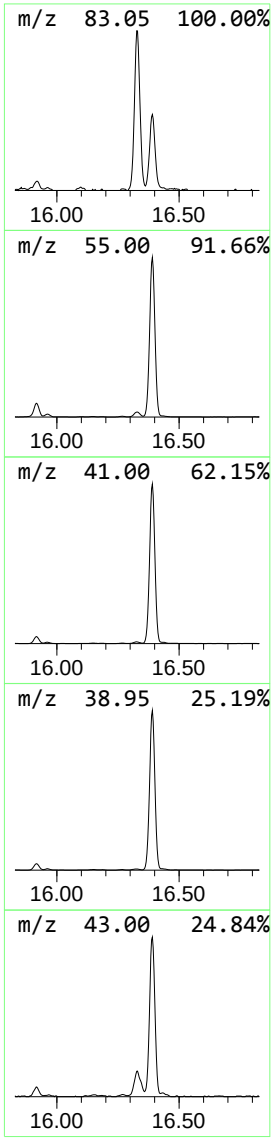
Peak Number 21 Hexamethylene chloroiodide Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.327	5.97 ug/L	160272	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	72
2	Hexamethylene chloroiodide	246	C6H12ClI	034683-73-3	64
3	Cyclohexane, nitro-	129	C6H11NO2	001122-60-7	53
4	4-Hexen-2-one, 3,4-dimethyl-	126	C8H14O	053252-21-4	53
5	Benzene, 2-chloro-1,4-bis(cycloh...	364	C20H25ClO4	294874-04-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

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

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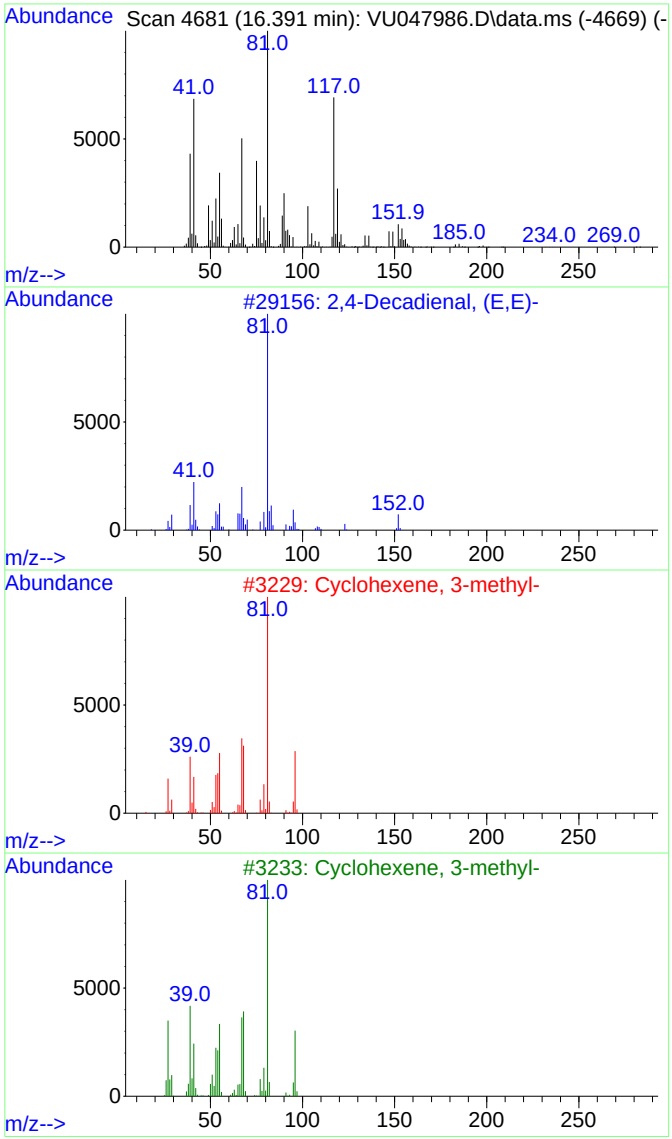
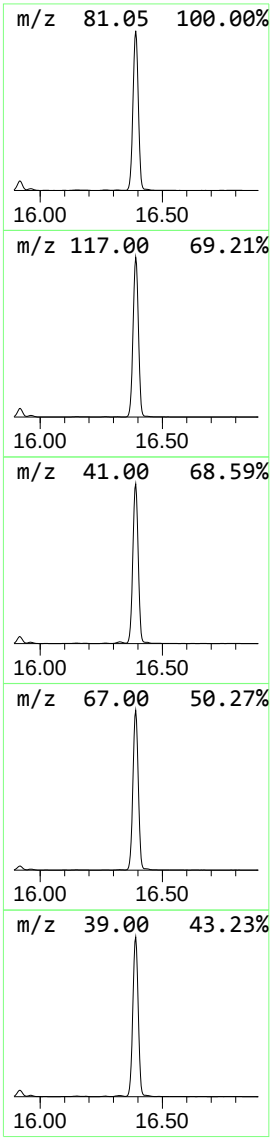
Peak Number 22 unknown-06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.391	651.25 ug/L	17489200	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	12
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	12
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	12
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	12
5	Cyclopropane, 1-(5-hexenyl)-2-iodo-	250	C9H15I	074685-40-8	10





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Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

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

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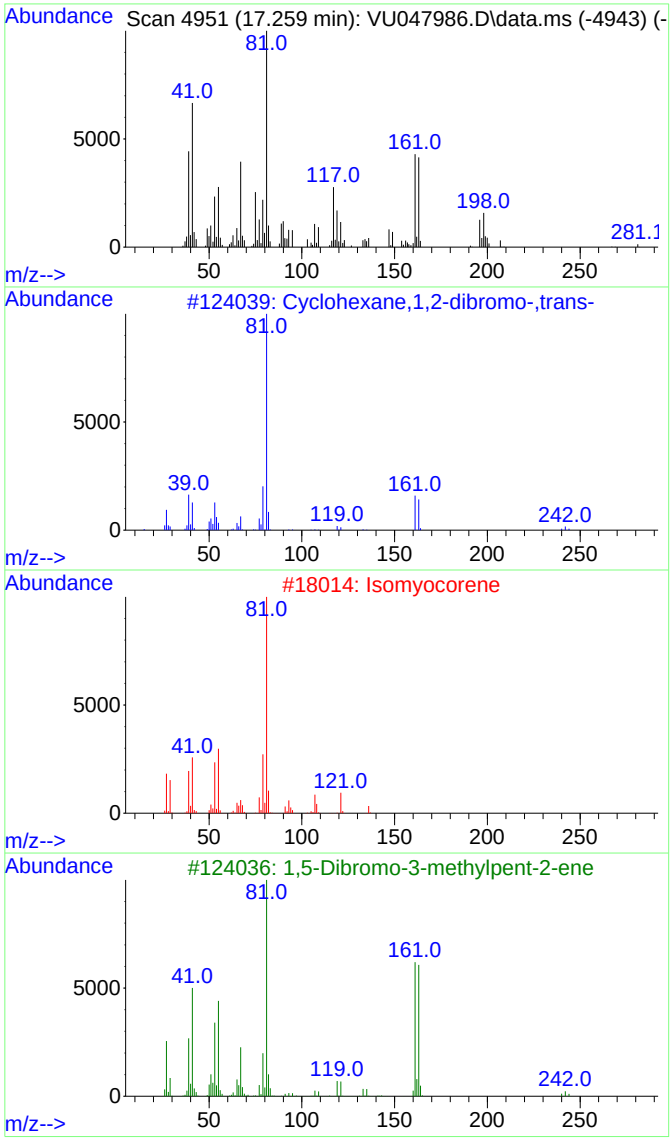
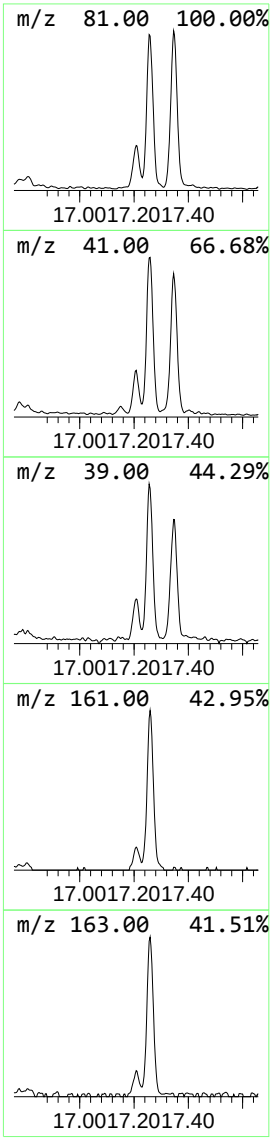
Peak Number 23 unknown-07 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.259	7.67 ug/L	206016	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane,1,2-dibromo-,trans-	240	C6H10Br2	007429-37-0	38
2	Isomyocorene	136	C10H16	006876-07-9	35
3	1,5-Dibromo-3-methylpent-2-ene	240	C6H10Br2	133545-67-2	27
4	2,3-Diazabicyclo[2.2.1]hept-2-en...	178	C11H18N2	150667-99-5	25
5	1,5-Hexadiene, 2-methyl-	96	C7H12	004049-81-4	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

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

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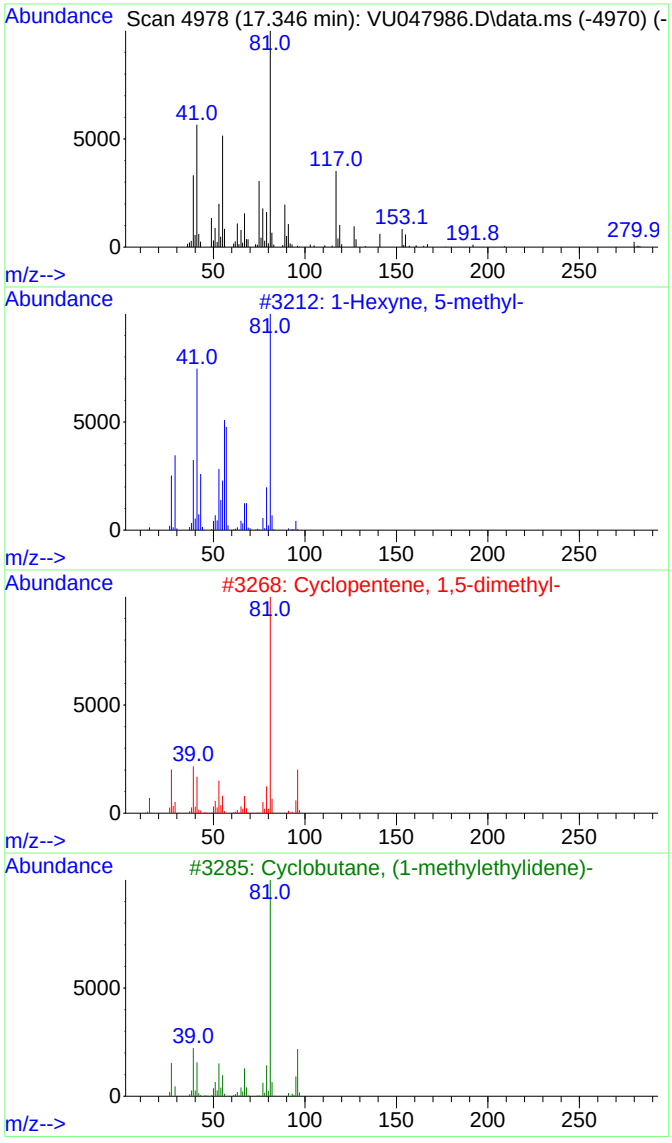
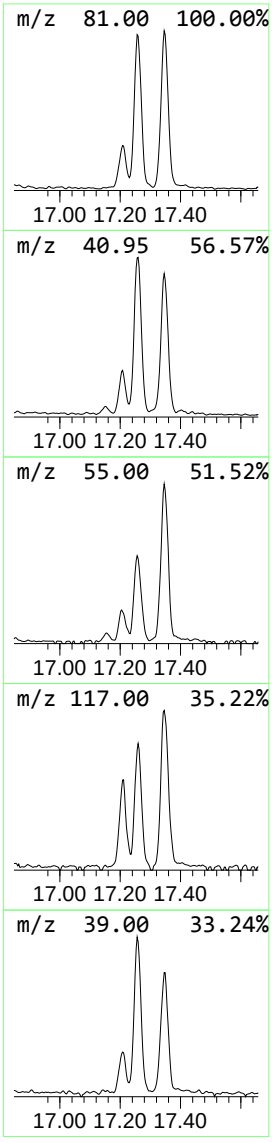
Peak Number 24 unknown-08 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.346	5.99 ug/L	160740	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexyne, 5-methyl-	96	C7H12	002203-80-7	43
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	38
3	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	38
4	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	38
5	Cyclohexene, 1-nitro-	127	C6H9NO2	002562-37-0	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047986.D
Acq On : 13 Apr 2022 03:05
Operator : SY/MD
Sample : N2358-02 10X
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.359	5.3	ug/L	81479	1	6.250	775945	50.0
1,5-Dibromo-3-m...	10.655	3.9	ug/L	103390	3	11.812	1342750	50.0
Benzene, 1-brom...	12.970	79.9	ug/L	2144820	3	11.812	1342750	50.0
Hexane, 2,5-dib...	13.163	7.1	ug/L	190790	3	11.812	1342750	50.0
Benzene, 1-brom...	13.327	79.5	ug/L	2135660	3	11.812	1342750	50.0
Hexane, 1,6-dic...	13.375	58.6	ug/L	1572930	3	11.812	1342750	50.0
Hexane, 1,5-dib...	13.475	3.7	ug/L	98554	3	11.812	1342750	50.0
Hexane, 1,2-dib...	13.963	4.1	ug/L	110117	3	11.812	1342750	50.0
Benzene, 1,4-di...	14.050	3.6	ug/L	95719	3	11.812	1342750	50.0
Hexane, 1-bromo...	14.359	124.7	ug/L	3347560	3	11.812	1342750	50.0
unknown-01	14.430	9.2	ug/L	246113	3	11.812	1342750	50.0
unknown-02	14.494	4.0	ug/L	107803	3	11.812	1342750	50.0
Benzene, 4-brom...	14.886	3.2	ug/L	85514	3	11.812	1342750	50.0
Hexane, 1,6-dib...	15.311	117.6	ug/L	3157640	3	11.812	1342750	50.0
Cyclohexane, 1,...	15.375	4.4	ug/L	119122	3	11.812	1342750	50.0
unknown-03	15.545	138.1	ug/L	3708170	3	11.812	1342750	50.0
unknown-04	15.915	48.8	ug/L	1309910	3	11.812	1342750	50.0
unknown-05	15.960	5.5	ug/L	148139	3	11.812	1342750	50.0
Hexamethylene c...	16.327	6.0	ug/L	160272	3	11.812	1342750	50.0
unknown-06	16.391	651.3	ug/L	17489200	3	11.812	1342750	50.0
unknown-07	17.259	7.7	ug/L	206016	3	11.812	1342750	50.0
unknown-08	17.346	6.0	ug/L	160740	3	11.812	1342750	50.0