LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 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: VU047997.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.597	71	80	103	rBV	32920	68588	0.17%	0.029%
2	1.835	119	154	155	rBV6	37002	142862	0.35%	0.060%
3	2.543	362	374	383	rBV	79499	136835	0.33%	0.058%
4	3.057	510	534	547	rBV3	28704	66507	0.16%	0.028%
5	3.340	606	622	636	rBV2	31149	70572	0.17%	0.030%
6	3.678	714	727	745	rVB2	32227	71243	0.17%	0.030%
7	4.115	831	863	892	rBV2	148016	512166	1.25%	0.216%
8	4.417	948	957	975	rVB3	15172	36801	0.09%	0.016%
9	4.632	1010	1024	1079	rBV2	105350	378114	0.92%	0.160%
10	5.063	1141	1158	1192	rBV	138840	431709	1.05%	0.182%
11	5.292	1216	1229	1236	rBV4	45819	130398	0.32%	0.055%
12	5.359	1242	1250	1267	rVB2	109276	231753	0.57%	0.098%
13	5.584	1309	1320	1343	rVB	146874	347177	0.85%	0.147%
14	5.719	1346	1362	1367	rVV2	234199	579769	1.41%	0.245%
15	5.767	1368	1377	1394	rVB	1037884	2126370	5.19%	0.898%
16	6.128	1478	1489	1503	rVB	165255	315451	0.77%	0.133%
17	6.247	1513	1526	1550	rVB	469771	944377	2.30%	0.399%
18	6.690	1649	1664	1678	rBV	157591	327285	0.80%	0.138%
19	7.494	1901	1914	1926	rBV3	20183	47243	0.12%	0.020%
20	7.568	1926	1937	1958	rVB	76565	156324	0.38%	0.066%
21	7.899	2029	2040	2052	rVV	224933	414672	1.01%	0.175%
22	7.970	2052	2062	2085	rVB	172646	348214	0.85%	0.147%
23	8.182	2118	2128	2139	rBV	51398	105654	0.26%	0.045%
24	8.263	2139	2153	2171	rVB	259369	546884	1.33%	0.231%
25	8.372	2176	2187	2209	rVB	26713	84189	0.21%	0.036%
26	8.655	2260	2275	2304	rVB	404625	825223	2.01%	0.348%
27	9.182	2426	2439	2452	rBV2	46042	83135	0.20%	0.035%
28	9.369	2482	2497	2505	rBV	429741	859715	2.10%	0.363%
29	9.452	2505	2523	2552	rVV3	2794070	6672416	16.28%	2.816%
30	9.584	2552	2564	2590	rVV	356889	841577	2.05%	0.355%
31	9.697	2592	2599	2624	rVB2	22164	58679	0.14%	0.025%
32	9.873	2635	2654	2660	rBV4	53163	115375	0.28%	0.049%
33	9.918	2661	2668	2691	rVB5	66612	163435	0.40%	0.069%
34	10.443	2813	2831	2842	rBV2	19227	44063	0.11%	0.019%
35	10.594	2853	2878	2887	rBV	176670	336305	0.82%	0.142%
36	10.661	2887	2899	2918	rVV	1255751	2091823	5.10%	0.883%

LSC Area Percent Report

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Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 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	10.787	2919	2938	2967	rVB3	1021954	2413636	5.89%	1.019%
38	10.980	2988	2998	3011	rVB3	27733	55942	0.14%	0.024%
39	11.256	3073	3084	3105	rBV5	43742	97448	0.24%	0.041%
40	11.478	3142	3153	3163	rBV5	29464	63919	0.16%	0.027%
41	11.590	3178	3188	3193	rBV3	24150	39597	0.10%	0.017%
42	11.626	3193	3199	3218	rVB4	22607	44041	0.11%	0.019%
43	11.748	3218	3237	3245	rBV6	42469	80290	0.20%	0.034%
44	11.815	3245	3258	3274	rBV	1018620	1748837	4.27%	0.738%
45	11.899	3275	3284	3293	rVB2	71199	124211	0.30%	0.052%
46	11.960	3293	3303	3312	rBV	300824	549844	1.34%	0.232%
47	12.108	3340	3349	3360	rBV6	34378	63389	0.15%	0.027%
48	12.198	3362	3377	3397	rVB3	660971	1445108	3.53%	0.610%
49	12.394	3424	3438	3453	rBV6	69393	174591	0.43%	0.074%
50	12.471	3453	3462	3482	rVB2	225777	424619	1.04%	0.179%
51	12.568	3482	3492	3497	rBV3	39226	64033	0.16%	0.027%
52	12.616	3497	3507	3524	rVB6	202216	384017	0.94%	0.162%
53	12.706	3525	3535	3546	rBV	149181	230037	0.56%	0.097%
54	12.860	3569	3583	3591	rBV10	88225	224518	0.55%	0.095%
55	12.909	3591	3598	3603	rVV	178792	265924	0.65%	0.112%
56	12.973	3603	3618	3645	rVB	19125120	31502870	76.85%	13.297%
57	13.089	3645	3654	3664	rBV2	109836	167725	0.41%	0.071%
58	13.166	3664	3678	3689	rBV	1903389	2985828	7.28%	1.260%
59	13.282	3708	3714	3716	rVV4	46325	56176	0.14%	0.024%
60	13.330	3716	3729	3737	rVV	17324384	27562699	67.24%	11.634%
61	13.378	3737	3744	3758	rVV	12261485	18064905	44.07%	7.625%
62	13.475	3762	3774	3797	rVB	751951	1392270	3.40%	0.588%
63	13.622	3813	3820	3831	rVB8	28720	52901	0.13%	0.022%
64	13.713	3831	3848	3861	rVB3	219476	477001	1.16%	0.201%
65	13.809	3862	3878	3884	rBV6	45473	108107	0.26%	0.046%
66	13.860	3886	3894	3902	rVB3	97496	149155	0.36%	0.063%
67	13.967	3914	3927	3937	rBV	1068001	1664933	4.06%	0.703%
68	14.050	3937	3953	3974	rVB2	735237	1493524	3.64%	0.630%
69	14.275	4015	4023	4026	rBV	38694	52522	0.13%	0.022%
70	14.307	4027	4033	4038	rVV2	119433	186472	0.45%	0.079%
71	14.365	4038	4051	4065	rVV	26693038	40990418	100.00%	17.302%
72	14.433	4065	4072	4082	rVV	1732443	2723316	6.64%	1.150%
73	14.494	4082	4091	4108	rVV	678925	1188605	2.90%	0.502%
74	14.590	4112	4121	4135	rVB	164847	296795	0.72%	0.125%
75	14.687	4144	4151	4160	rVB2	44117	66937	0.16%	0.028%
76	14.767	4162	4176	4184	rVV6	37363	87919	0.21%	0.037%

LSC Area Percent Report

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Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 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	14.822	4185	4193	4200	rVV	89416	139036	0.34%	0.059%
78	14.886	4200	4213	4221	rVV	692536	1180283	2.88%	0.498%
79	14.947	4222	4232	4246	rVB6	199560	498278	1.22%	0.210%
80	15.034	4246	4259	4268	rVB3	46399	91733	0.22%	0.039%
81	15.108	4273	4282	4290	rBV	132734	200249	0.49%	0.085%
82	15.159	4290	4298	4307	rBV2	101205	184114	0.45%	0.078%
83	15.208	4307	4313	4322	rVB2	81105	120746	0.29%	0.051%
84	15.285	4323	4337	4340	rBV	6186437	8904985	21.72%	3.759%
85	15.317	4340	4347	4358	rVV2	14740106	24160408	58.94%	10.198%
86	15.375	4358	4365	4371	rVV	731322	1293632	3.16%	0.546%
87	15.410	4372	4376	4389	rVB	500571	654405	1.60%	0.276%
88	15.545	4390	4418	4431	rBV	5903579	9309047	22.71%	3.929%
89	15.802	4484	4498	4509	rBV	579986	1037040	2.53%	0.438%
90	15.892	4509	4526	4542	rVV3	1714864	5417285	13.22%	2.287%
91	15.960	4542	4547	4559	rVB	144106	222812	0.54%	0.094%
92	16.098	4582	4590	4596	rBV5	22317	37260	0.09%	0.016%
93	16.150	4598	4606	4613	rBV3	44341	81141	0.20%	0.034%
94	16.269	4633	4643	4650	rBV2	42820	71506	0.17%	0.030%
95	16.330	4651	4662	4669	rBV2	140685	293065	0.71%	0.124%
96	16.391	4669	4681	4692	rVV	13962651	21133870	51.56%	8.921%
97	17.153	4909	4918	4925	rBV2	34238	49748	0.12%	0.021%
98	17.208	4925	4935	4941	rVV2	83296	134553	0.33%	0.057%
99	17.259	4941	4951	4964	rVV	406644	665628	1.62%	0.281%
100	17.346	4967	4978	4991	rVV	330536	553881	1.35%	0.234%

Sum of corrected areas: 236912687

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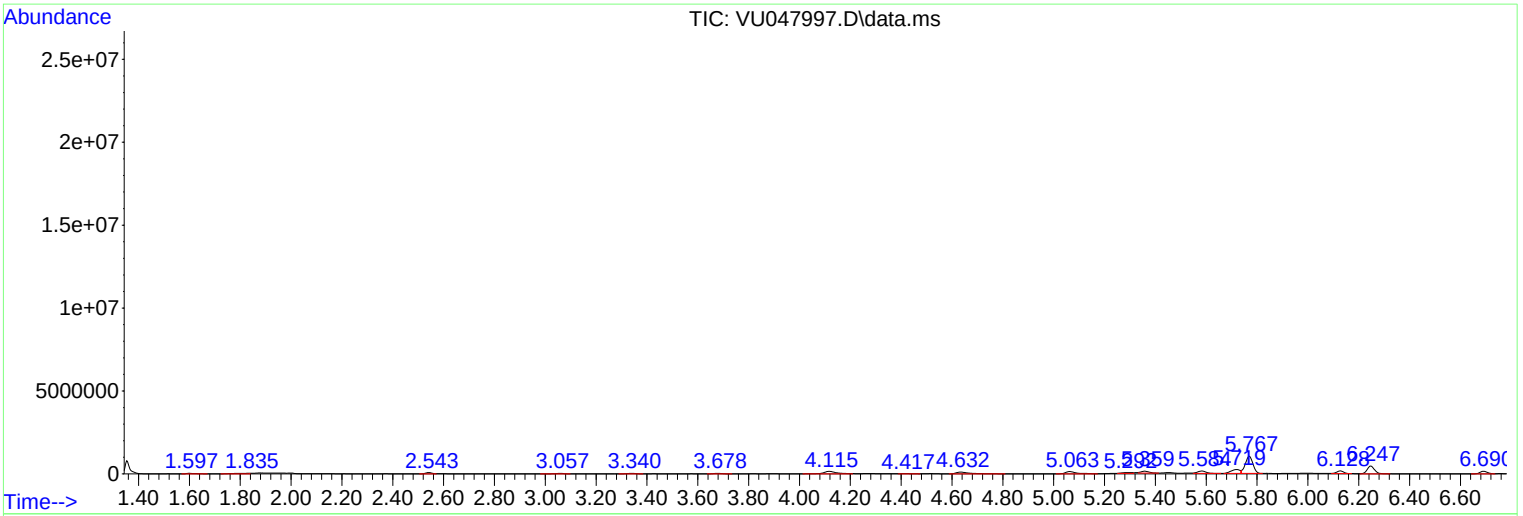
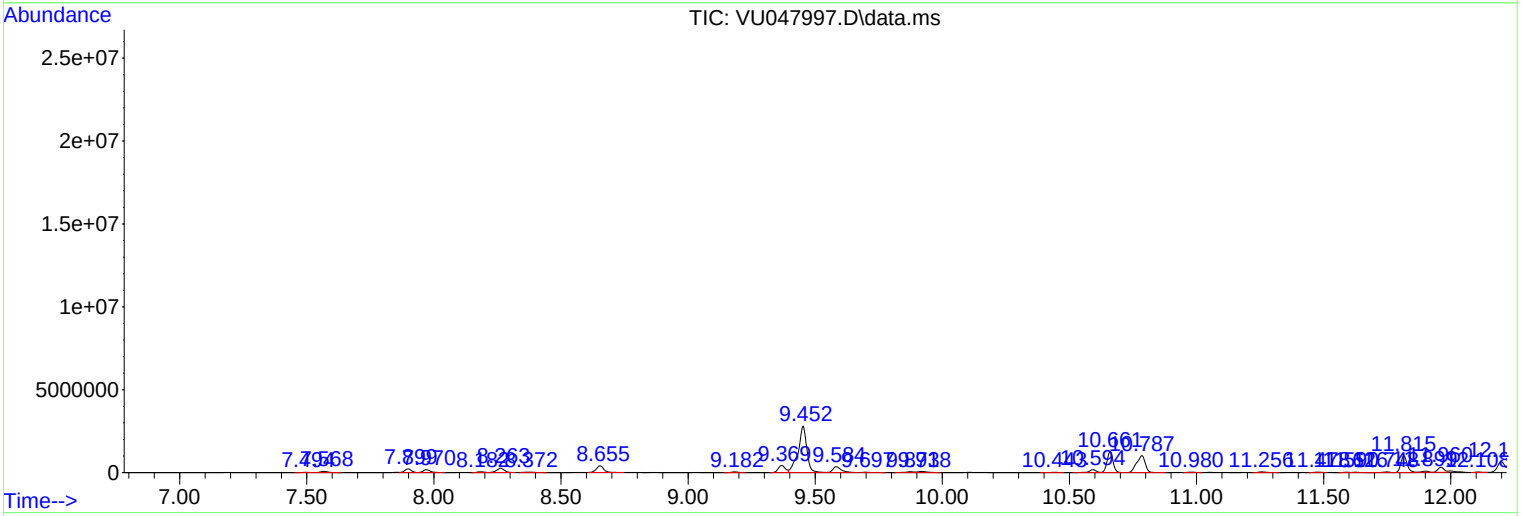
ALS Vial : 9 Sample Multiplier: 1

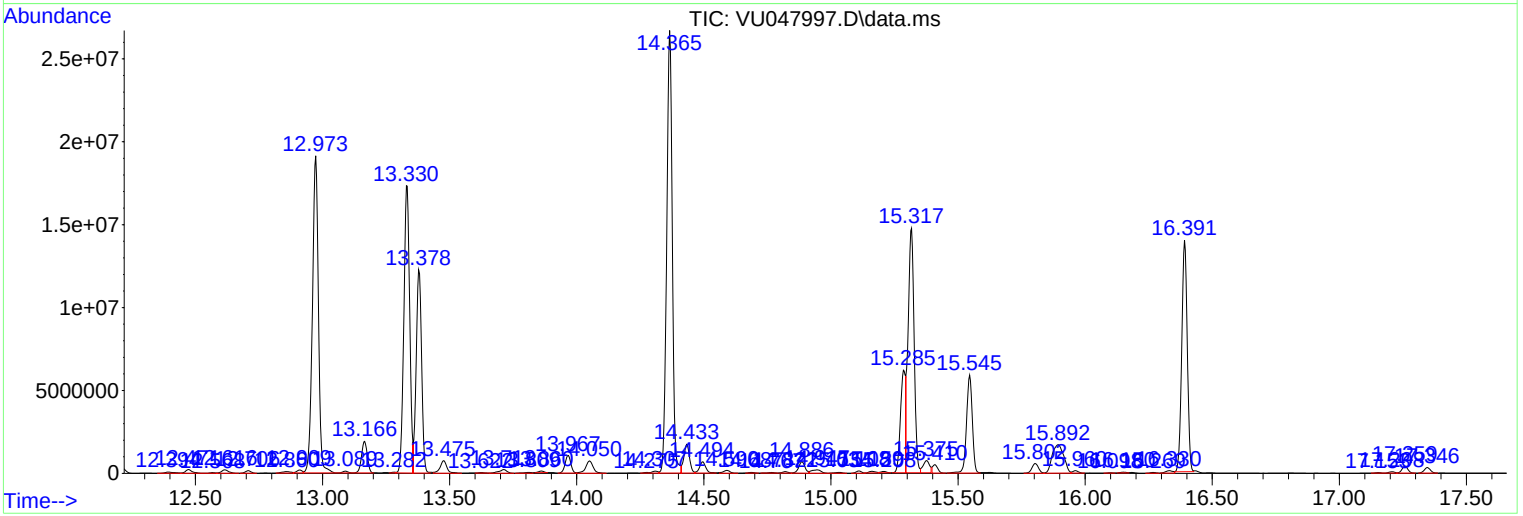
Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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\VU041322\
Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
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Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

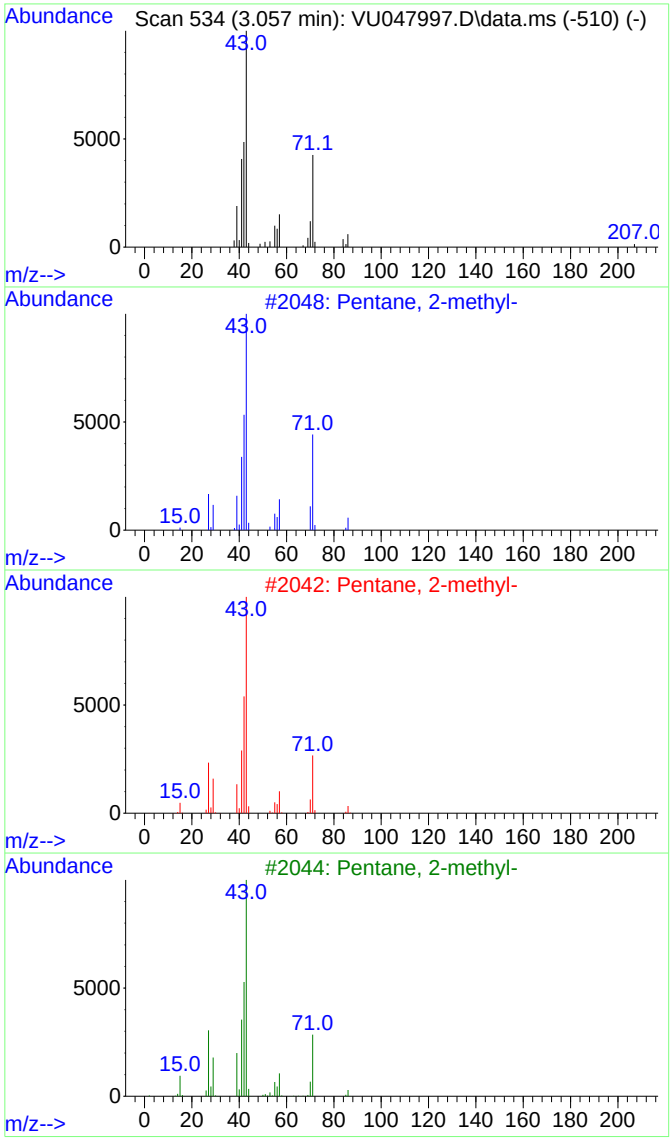
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

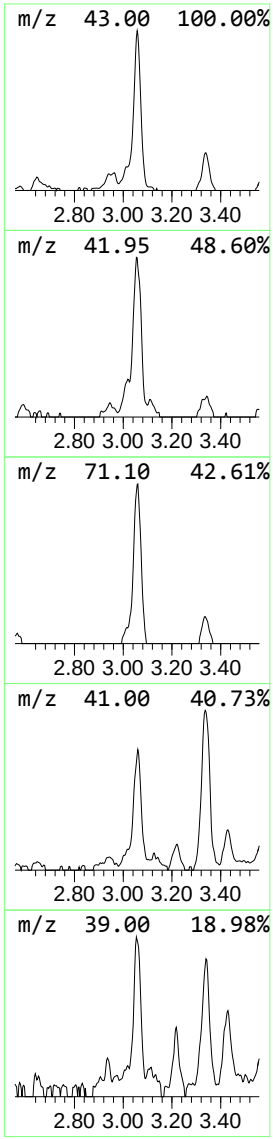
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.057	3.52 ug/L	66507	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	87
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	86
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	62
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

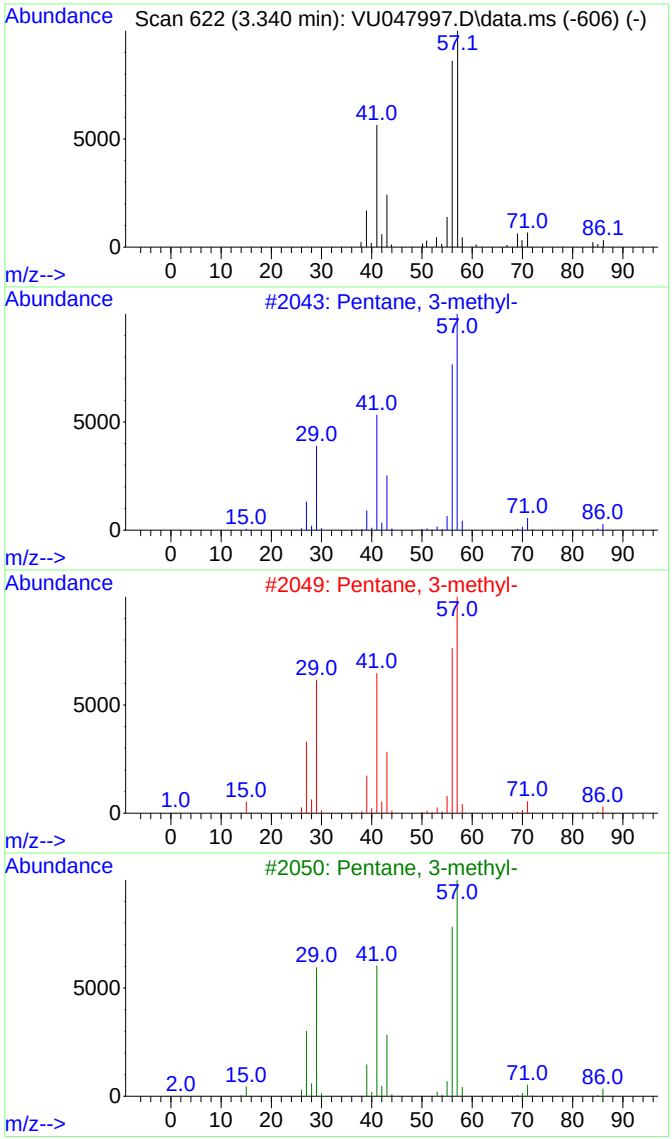
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

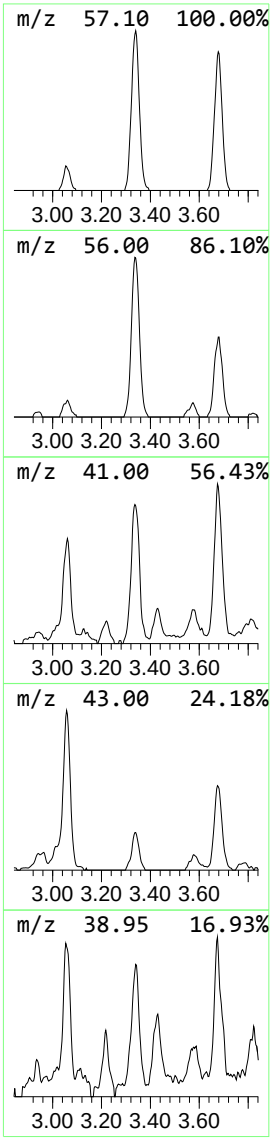
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.340	3.74 ug/L	70572	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

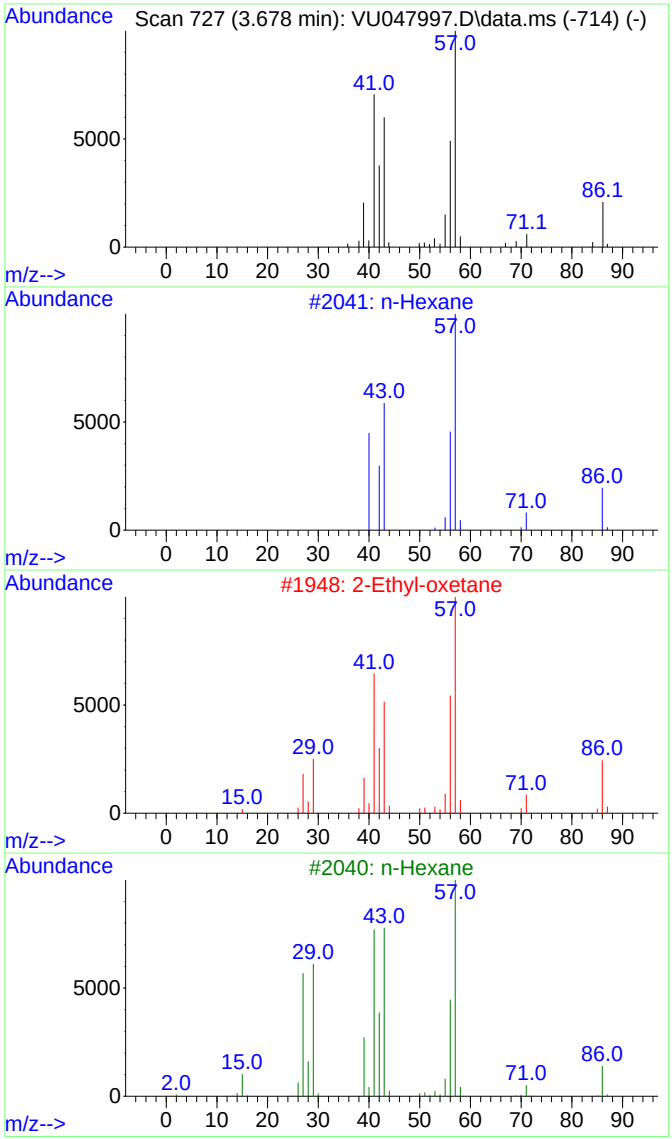
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

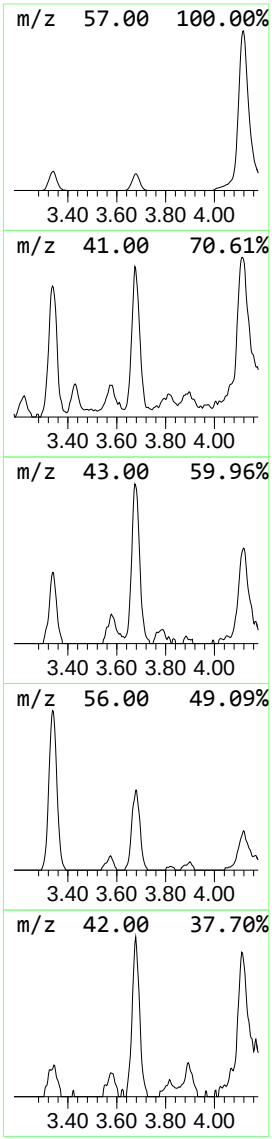
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.678	3.77 ug/L	71243	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	86
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	86
3	n-Hexane	86	C6H14	000110-54-3	72
4	n-Hexane	86	C6H14	000110-54-3	72
5	n-Hexane	86	C6H14	000110-54-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

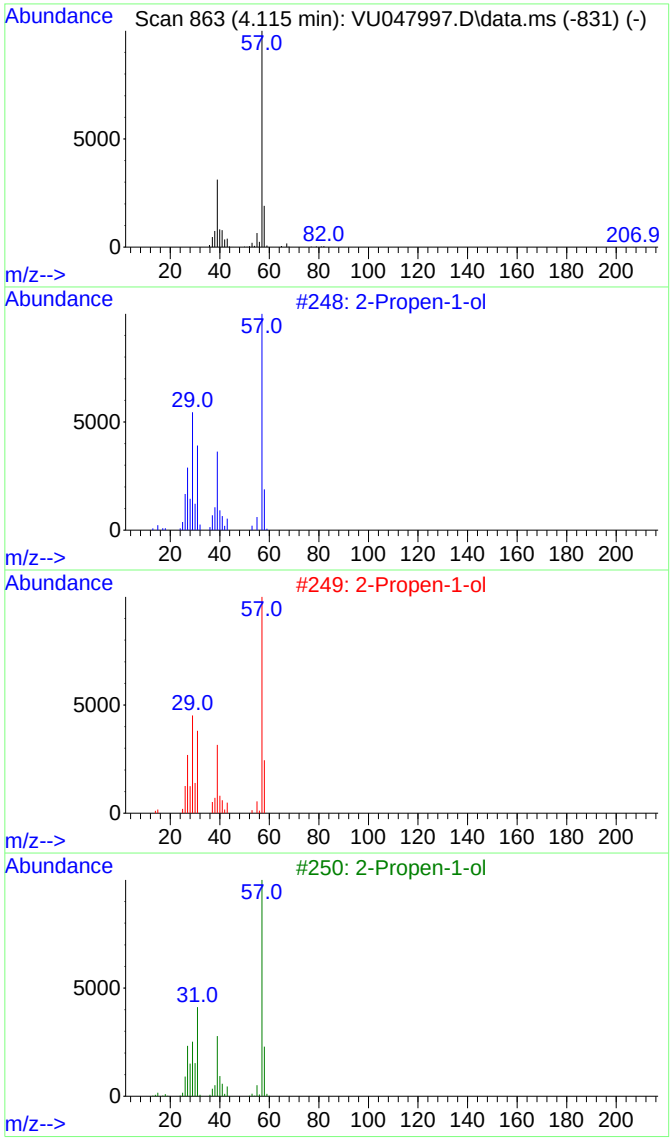
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

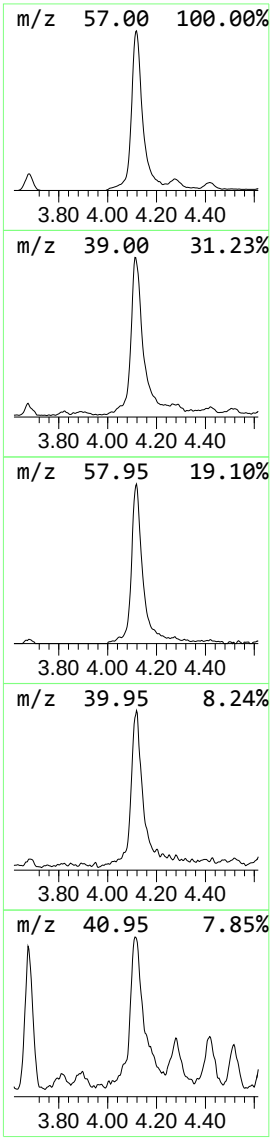
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Propen-1-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.115	27.12 ug/L	512166	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-ol	58	C3H6O	000107-18-6	59
2	2-Propen-1-ol	58	C3H6O	000107-18-6	53
3	2-Propen-1-ol	58	C3H6O	000107-18-6	50
4	2-Propen-1-ol	58	C3H6O	000107-18-6	28
5	Formic acid, 2-propenyl ester	86	C4H6O2	001838-59-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

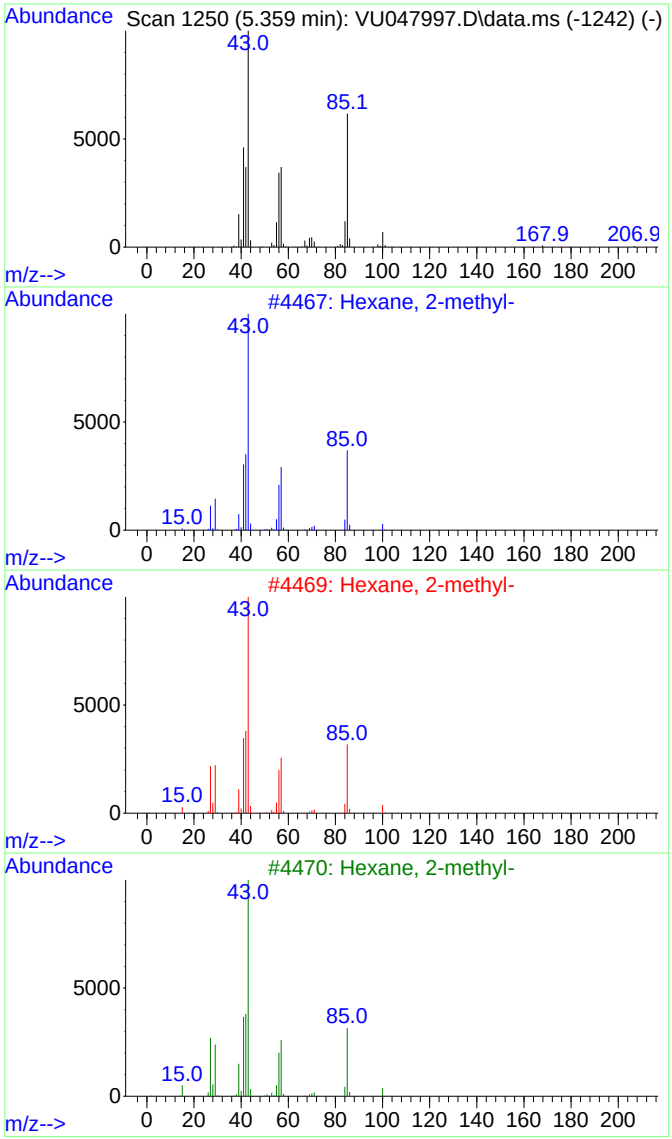
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

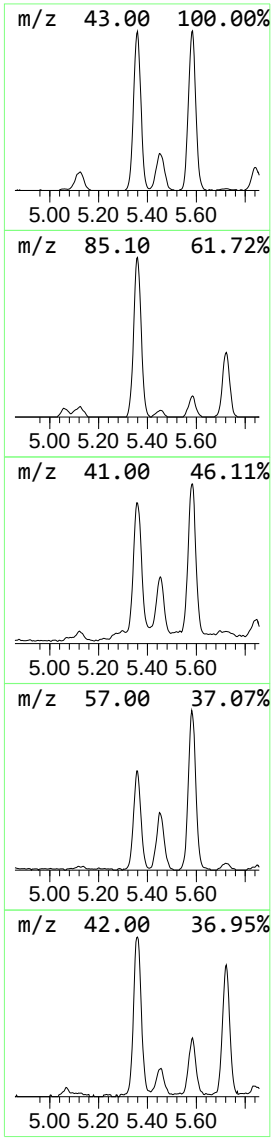
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.359	12.27 ug/L	231753	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	91
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	90
3	Hexane, 2-methyl-	100	C7H16	000591-76-4	87
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
5	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

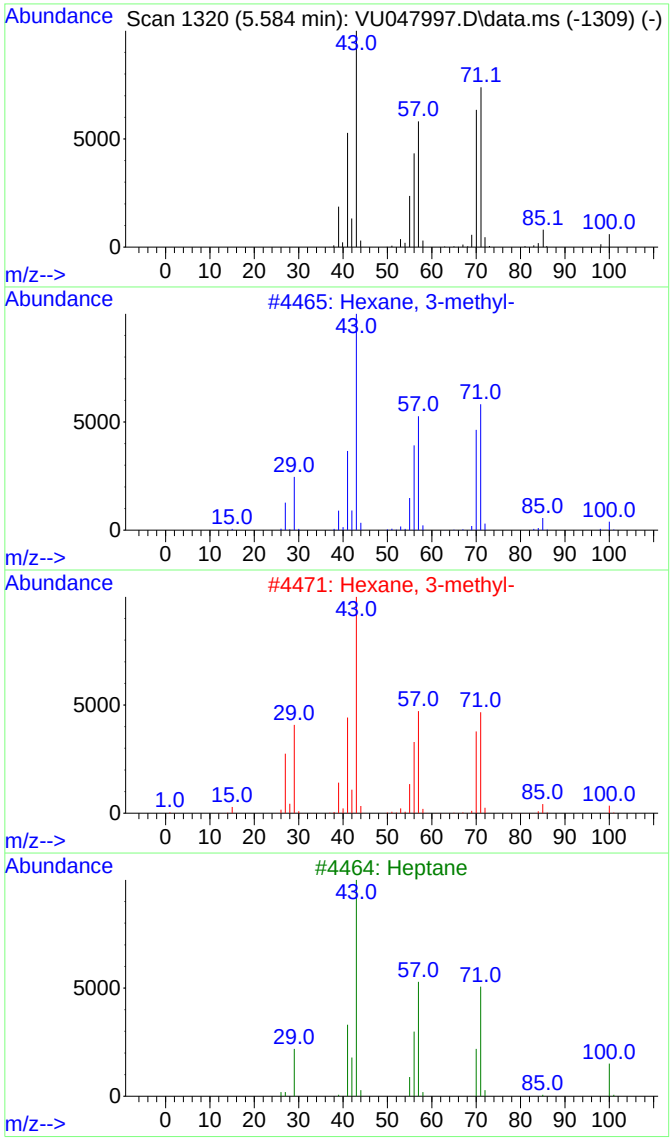
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

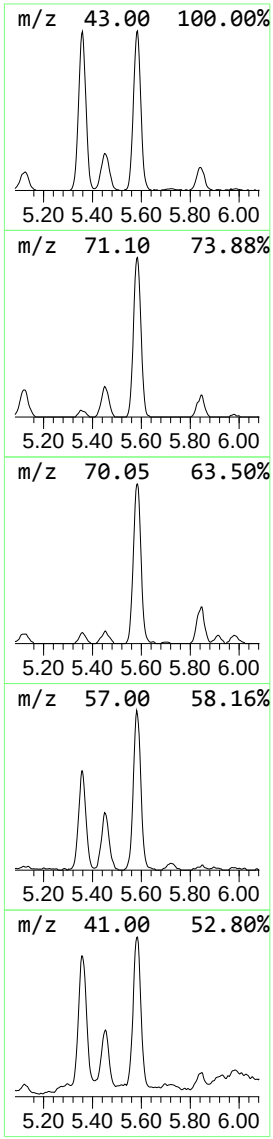
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.584	18.38 ug/L	347177	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	90
3	Heptane	100	C7H16	000142-82-5	80
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	68
5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59





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Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

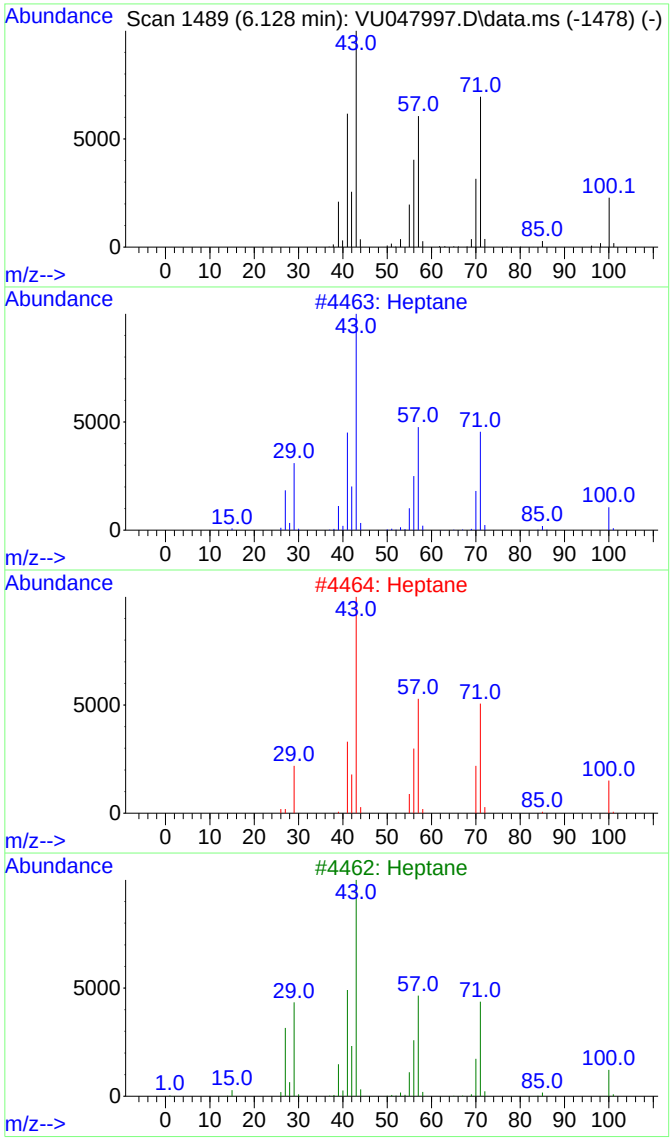
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

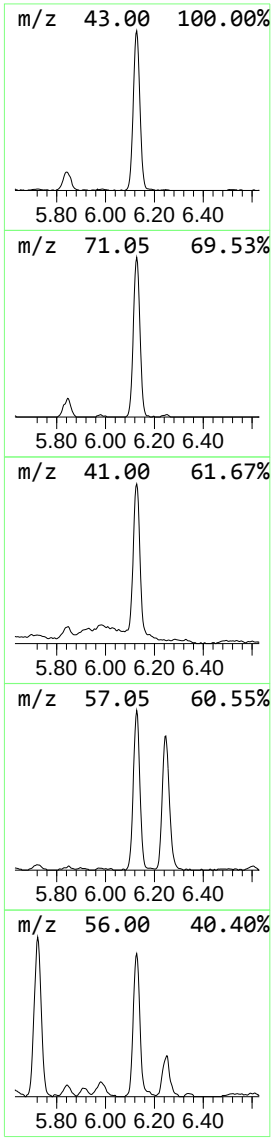
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.128	16.70 ug/L	315451	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	72
3	Heptane	100	C7H16	000142-82-5	68
4	Heptane	100	C7H16	000142-82-5	53
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	53





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Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

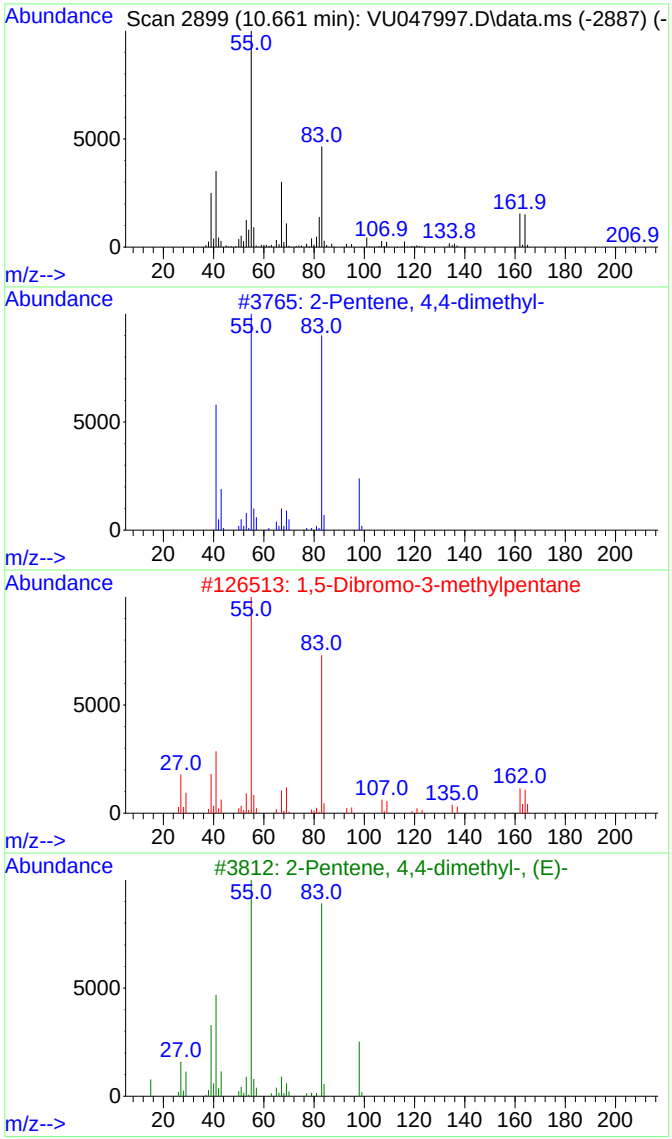
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

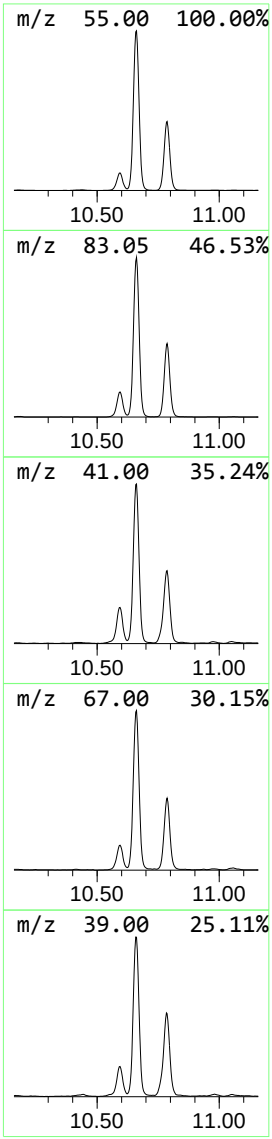
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.661	59.81 ug/L	2091820	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	50
2	1,5-Dibromo-3-methylpentane	242	C6H12Br2	004457-72-1	50
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	47
4	1,5-Dibromo-3-methylpentane	242	C6H12Br2	004457-72-1	43
5	1-Azabicyclo[3.1.0]hexane	83	C5H9N	000285-76-7	43





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Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

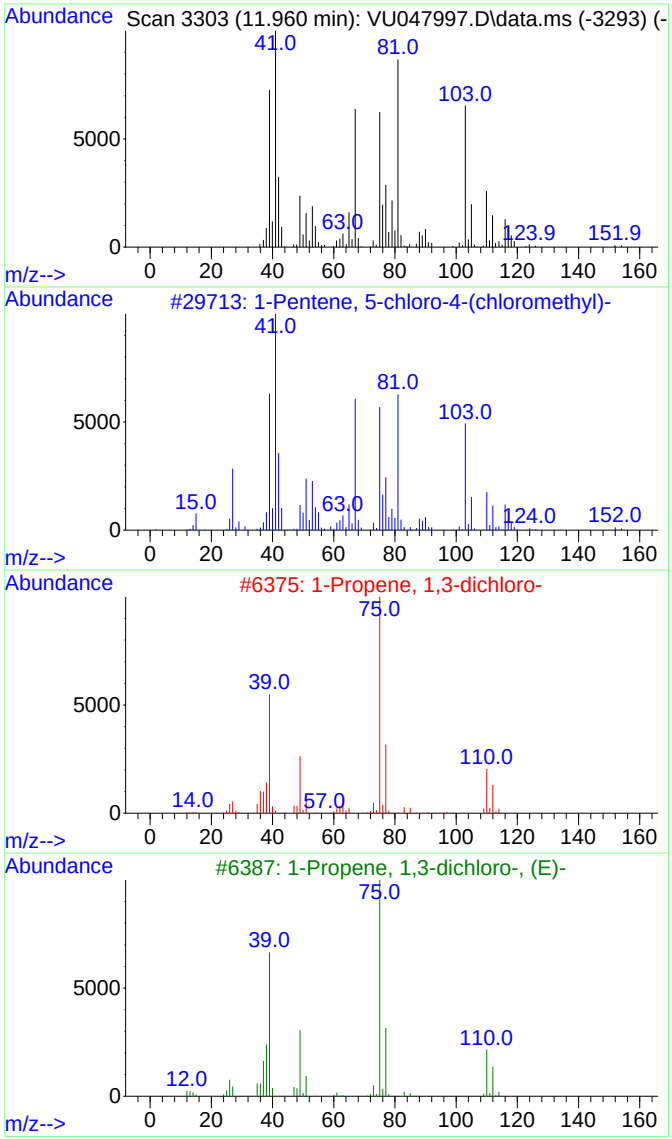
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

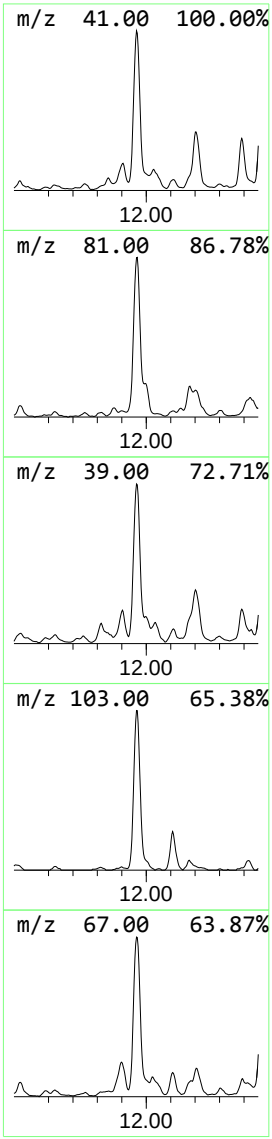
****

Peak Number 17 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.960	15.72 ug/L	549844	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 5-chloro-4-(chloromet...	152	C6H10Cl2	027990-74-5	38
2	1-Propene, 1,3-dichloro-	110	C3H4Cl2	000542-75-6	27
3	1-Propene, 1,3-dichloro-, (E)-	110	C3H4Cl2	010061-02-6	27
4	Cyclohexane, ethenyl-	110	C8H14	000695-12-5	25
5	1-Propene, 1,3-dichloro-, (Z)-	110	C3H4Cl2	010061-01-5	16





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Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

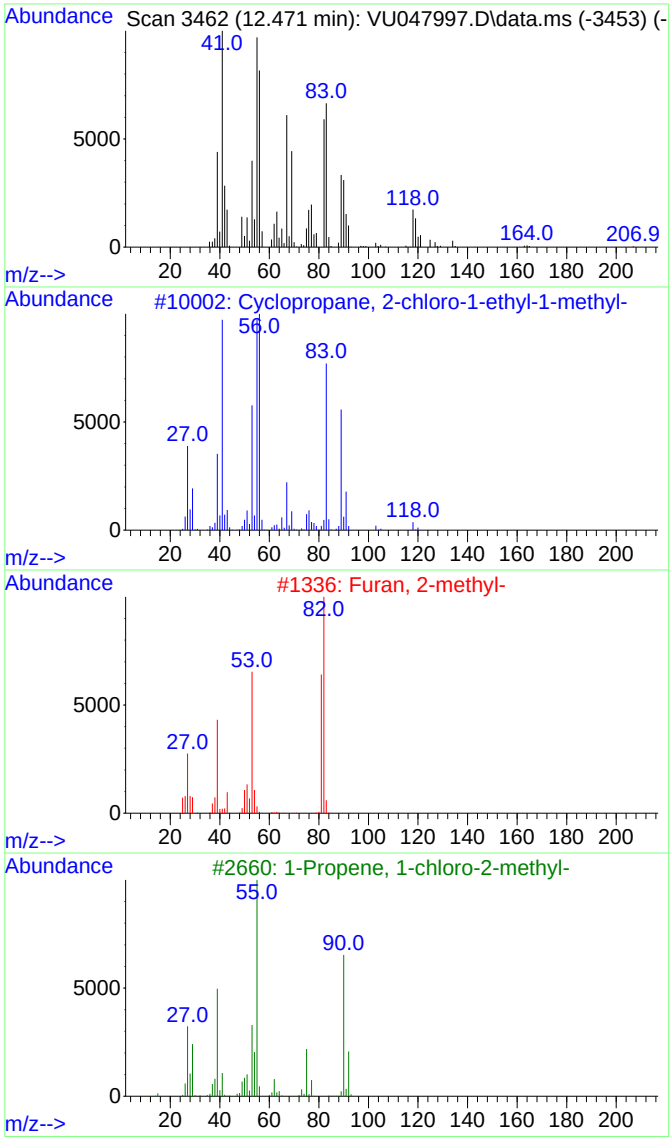
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

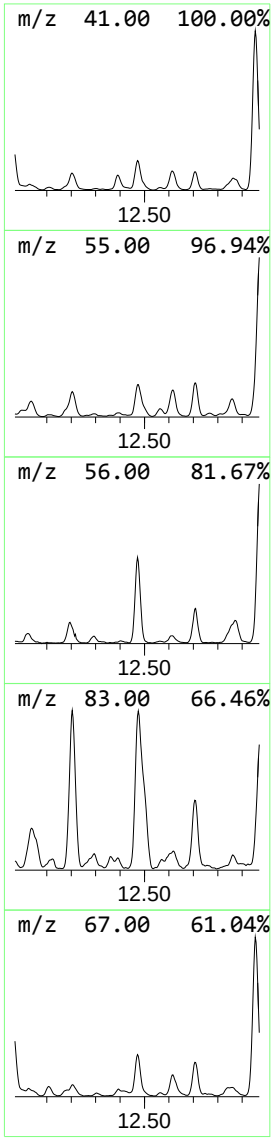
****

Peak Number 19 unknown-02 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.471	12.14 ug/L	424619	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 2-chloro-1-ethyl-1...	118	C6H11Cl	343926-09-0	40
2	Furan, 2-methyl-	82	C5H6O	000534-22-5	35
3	1-Propene, 1-chloro-2-methyl-	90	C4H7Cl	000513-37-1	35
4	Furan, 2-methyl-	82	C5H6O	000534-22-5	35
5	Furan, 3-methyl-	82	C5H6O	000930-27-8	35





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Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

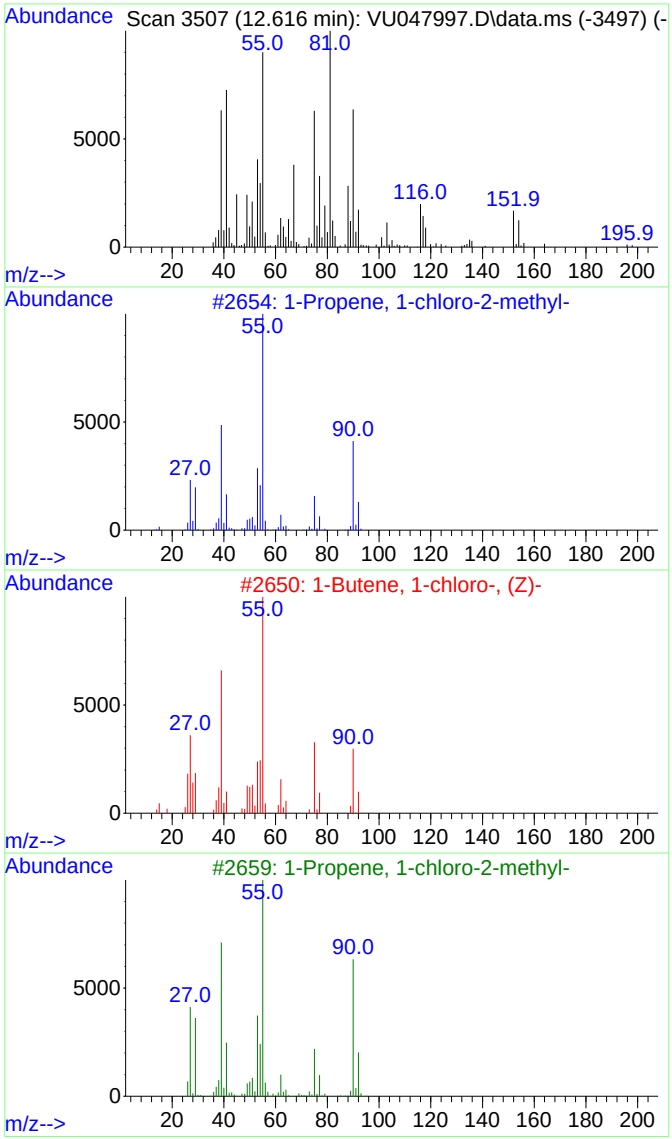
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

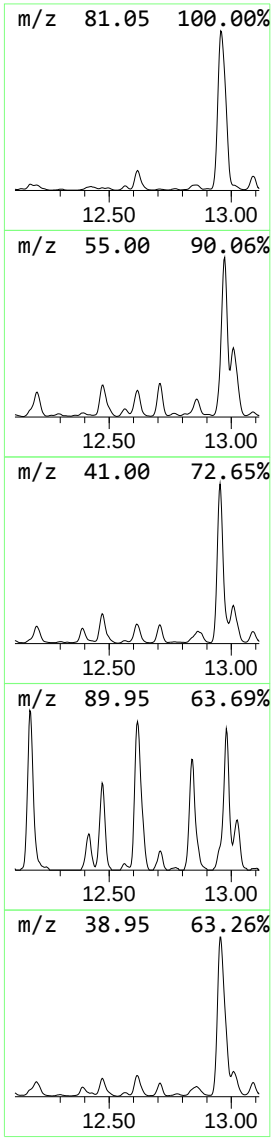
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1-Propene, 1-chloro-2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	10.98 ug/L	384017	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 1-chloro-2-methyl-	90	C4H7Cl	000513-37-1	50
2	1-Butene, 1-chloro-, (Z)-	90	C4H7Cl	007611-86-1	49
3	1-Propene, 1-chloro-2-methyl-	90	C4H7Cl	000513-37-1	46
4	Cyclohexene, 1-chloro-	116	C6H9Cl	000930-66-5	46
5	Cyclohexene, 1-chloro-	116	C6H9Cl	000930-66-5	43





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Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

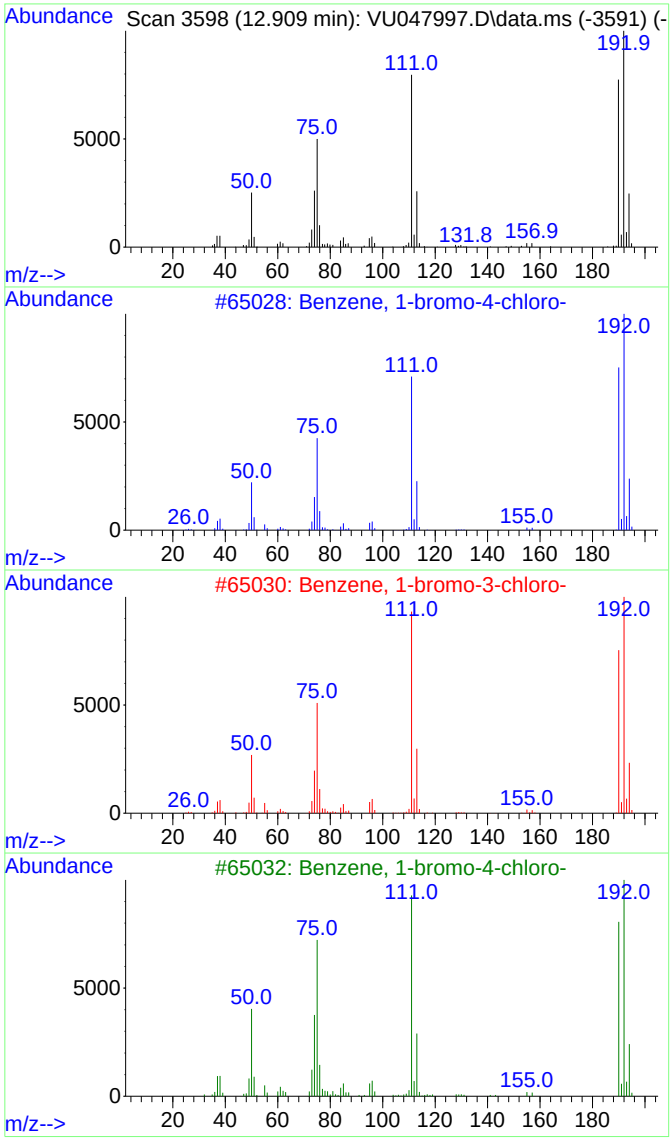
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

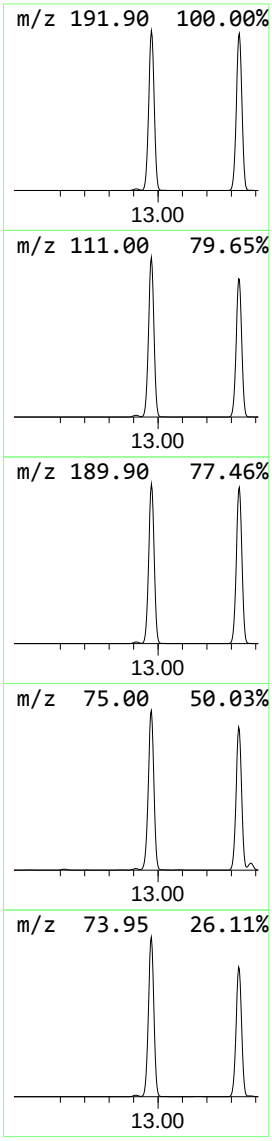
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1-bromo-4-chloro- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.909	7.60 ug/L	265924	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
2	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
3	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96





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Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

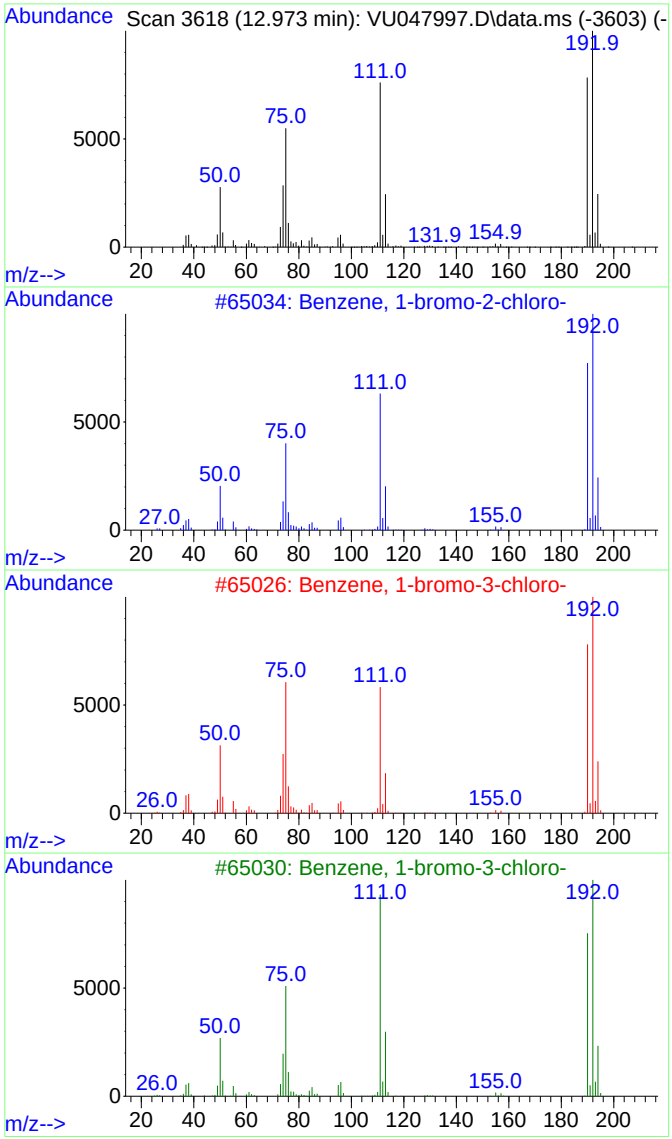
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

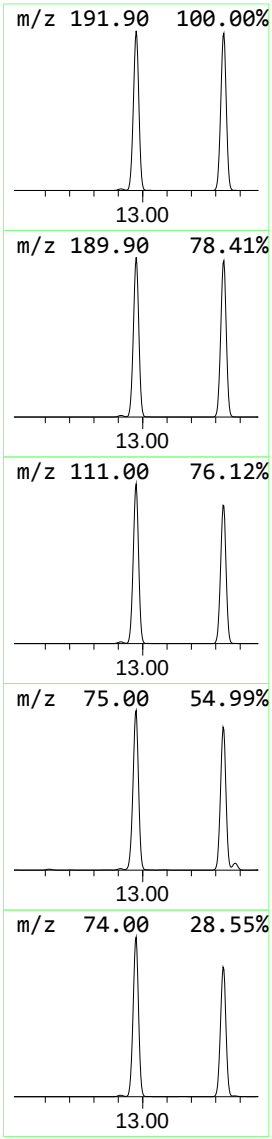
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1-bromo-2-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.973	900.68 ug/L	31502900	1,4-Dichlorobenzene-d4	11.816

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

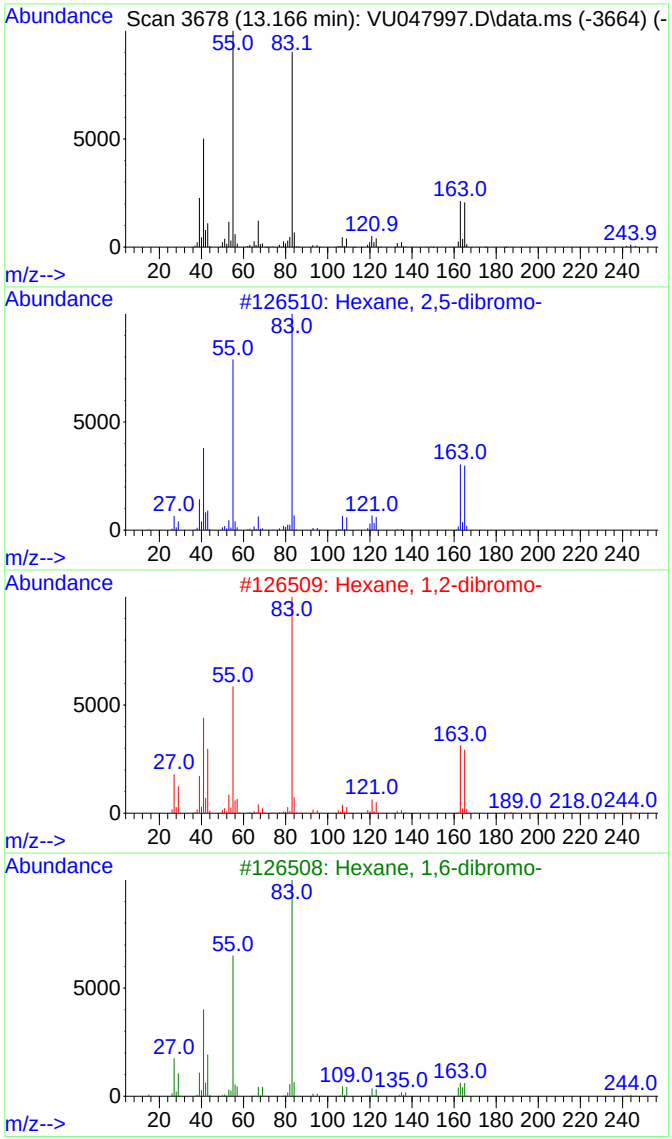
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

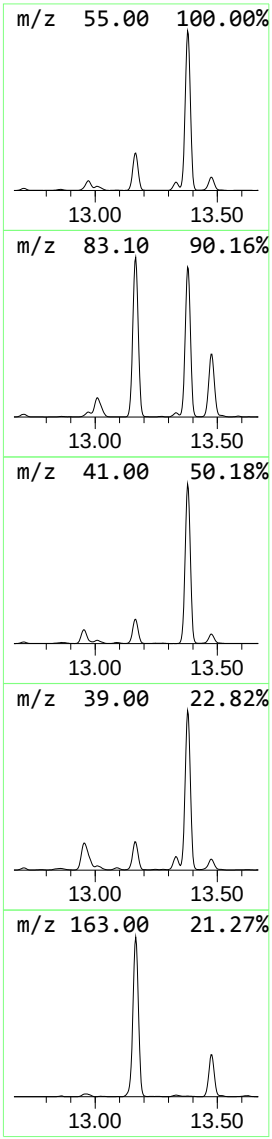
****

Peak Number 26 Hexane, 2,5-dibromo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.166	85.37 ug/L	2985830	1,4-Dichlorobenzene-d4	11.816

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	68
4	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	53
5	3-Methylbut-2-enoic acid, 3,4-di...	244	C11H10Cl2O2	1000307-59-7	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

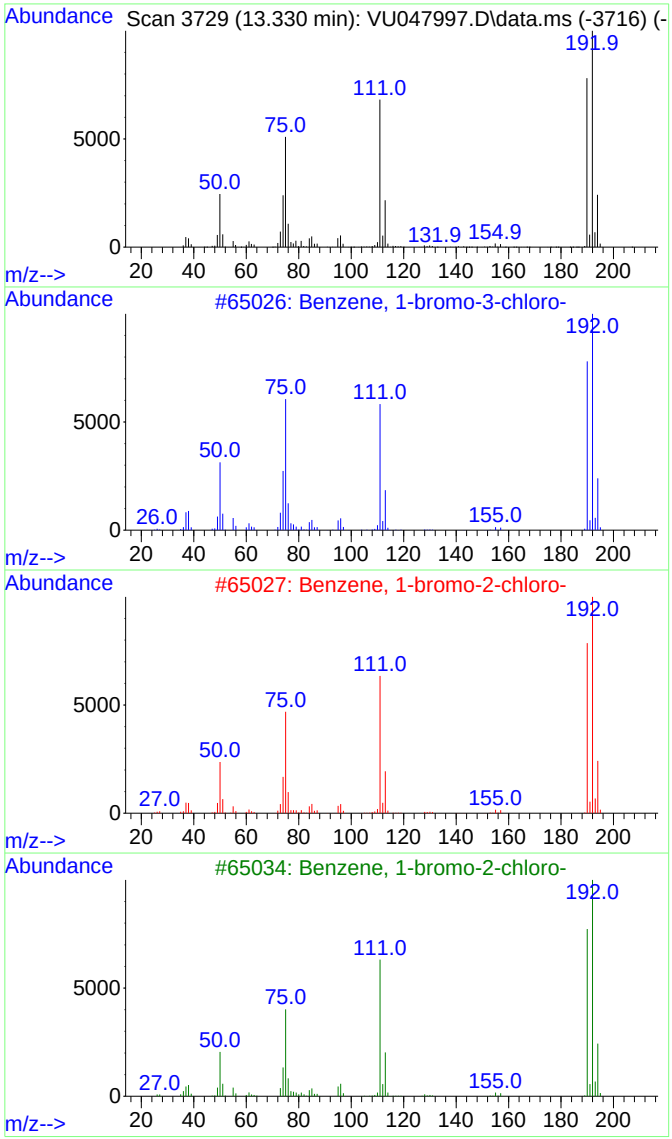
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

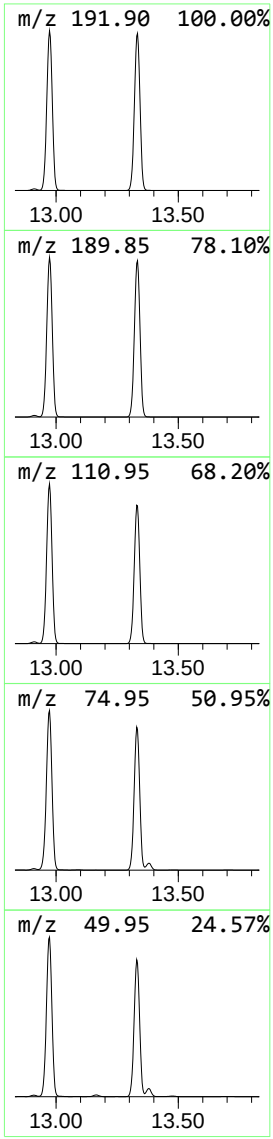
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1-bromo-3-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.330	788.03 ug/L	27562700	1,4-Dichlorobenzene-d4	11.816

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

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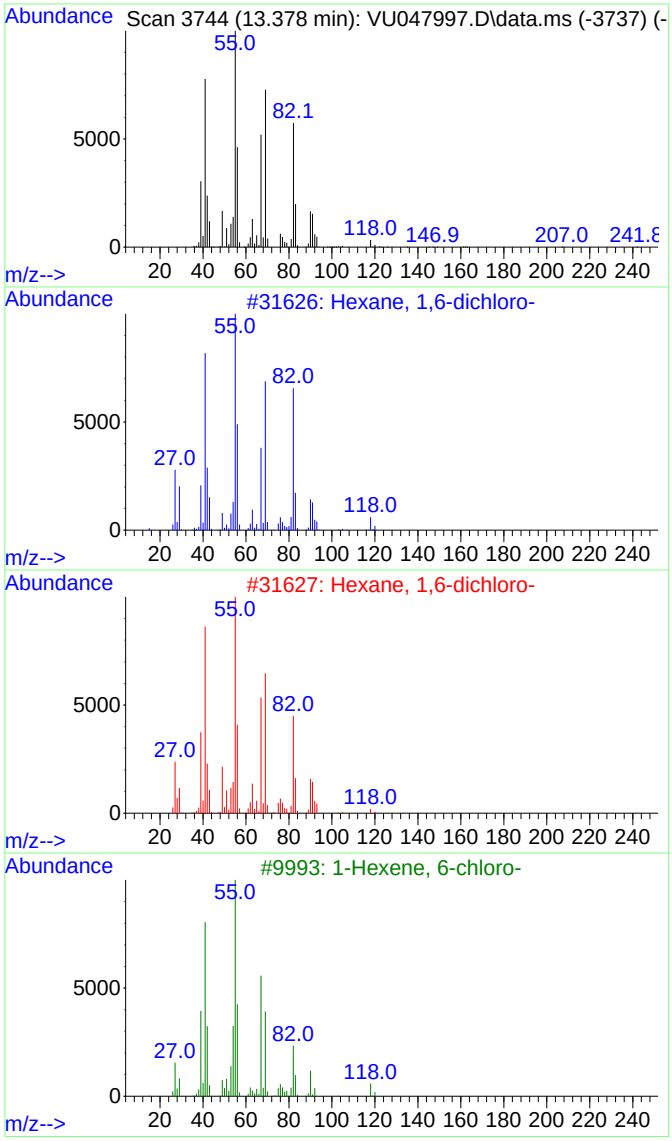
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

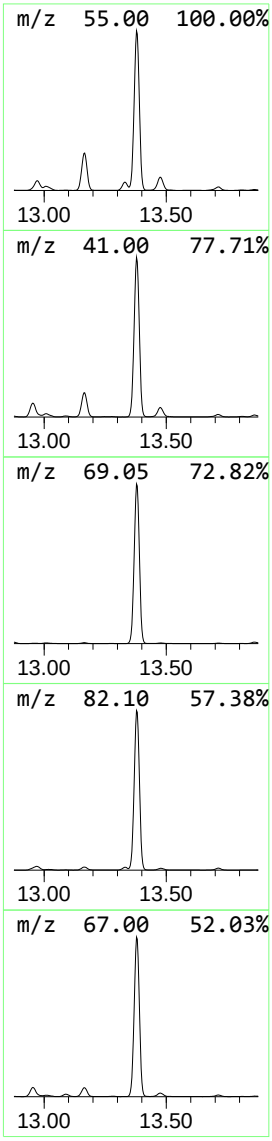
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Hexane, 1,6-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.378	516.48 ug/L	18064900	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	83
2	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	80
3	1-Hexene, 6-chloro-	118	C6H11Cl	000928-89-2	50
4	Hexenyl angelate, 4z-	182	C11H18O2	1000383-63-7	38
5	1-Hexanol, 6-chloro-	136	C6H13ClO	002009-83-8	32





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Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

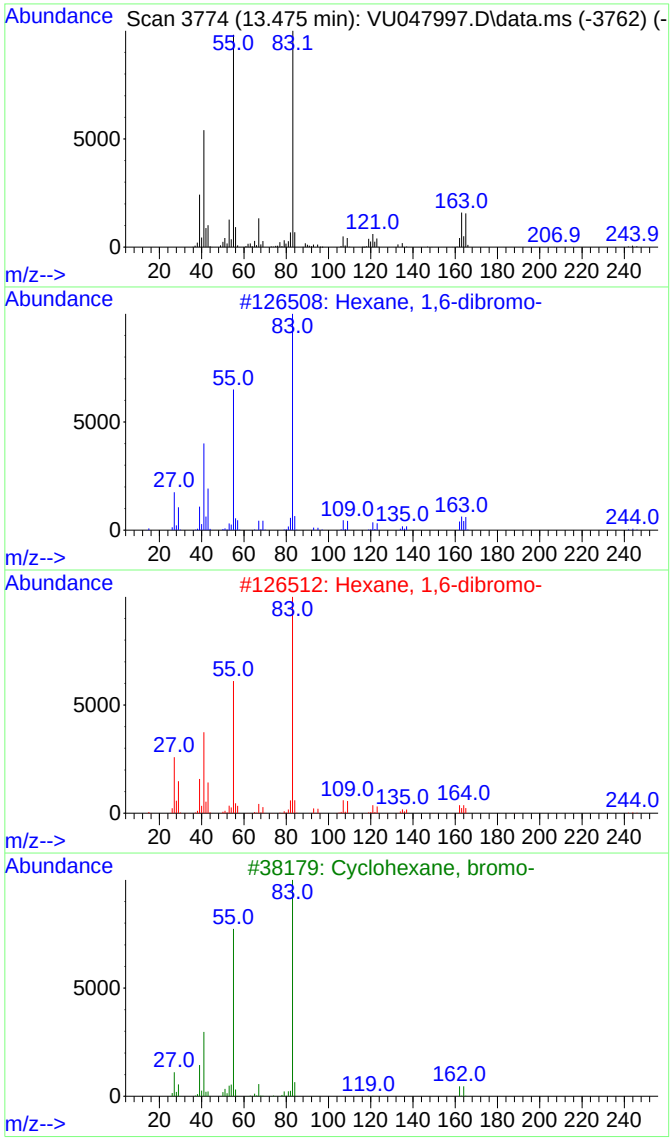
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

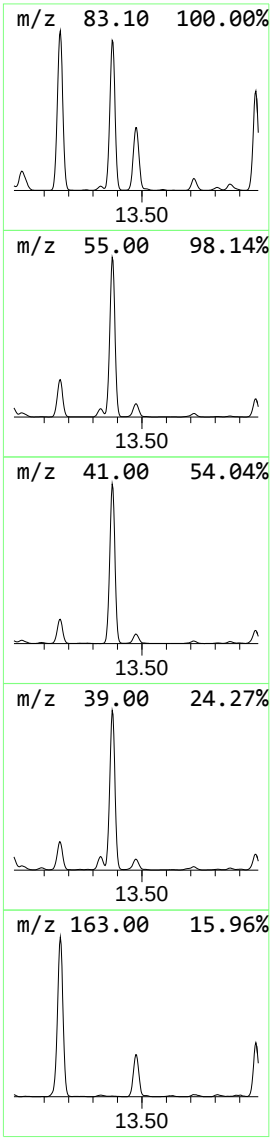
****

Peak Number 29 Hexane, 1,6-dibromo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.475	39.81 ug/L	1392270	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	81
2	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	64
3	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	58
4	2-Methyl-2-bromohept-6-en-3-one	204	C8H13BrO	1000424-28-0	53
5	2(5H)-Furanone, 5-(2-methyl-3-me...	166	C10H14O2	1000155-85-8	53





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Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

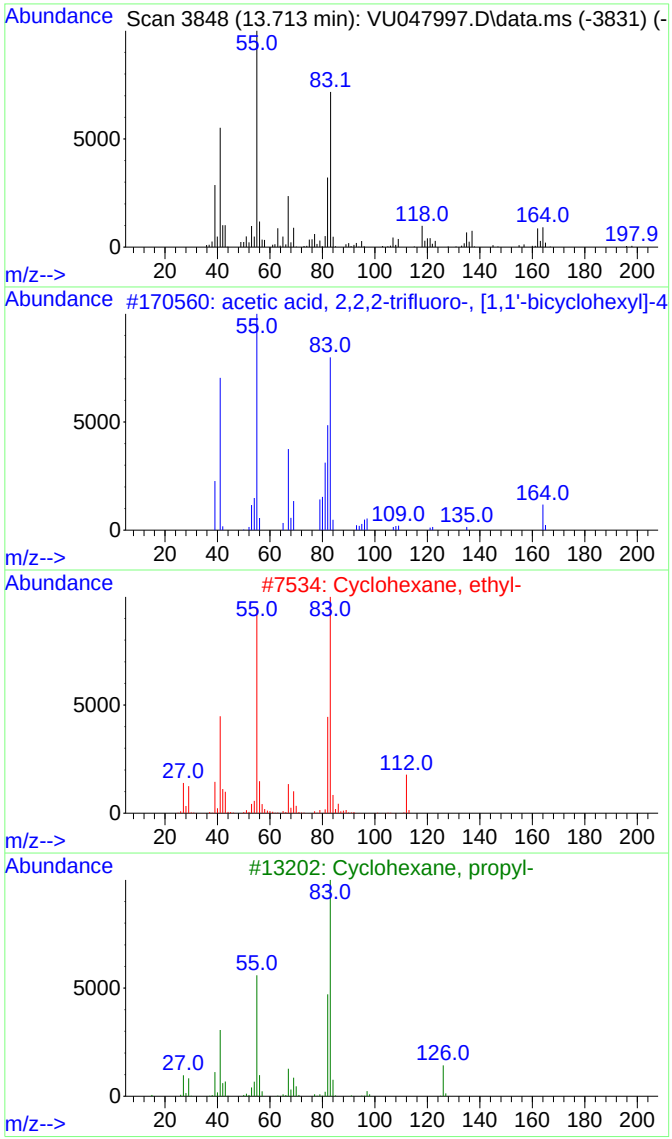
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

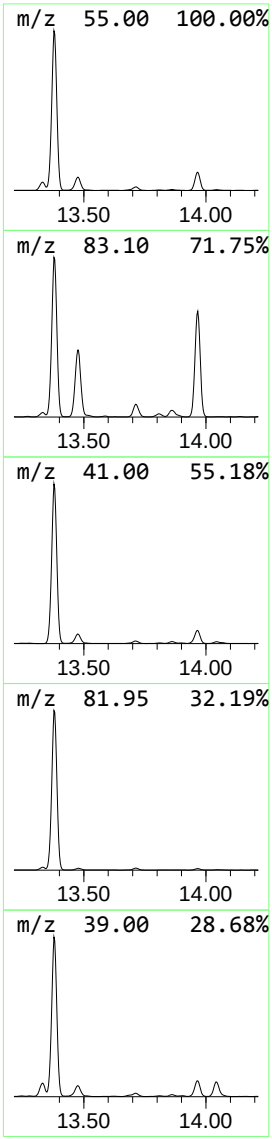
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 acetic acid, 2,2,2-trifluor... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.713	13.64 ug/L	477001	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	acetic acid, 2,2,2-trifluoro-, [...	278	C14H21F3O2	1000397-13-2	53
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	50
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	50
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	47
5	1,5-Dibromo-3-methylpentane	242	C6H12Br2	004457-72-1	47





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Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 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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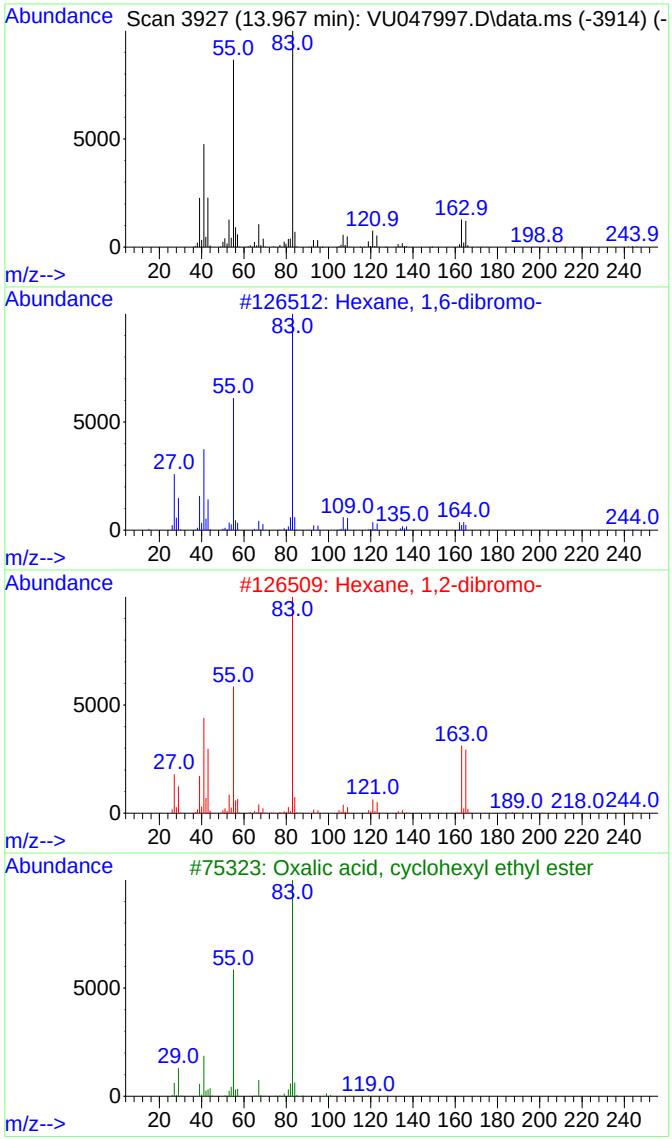
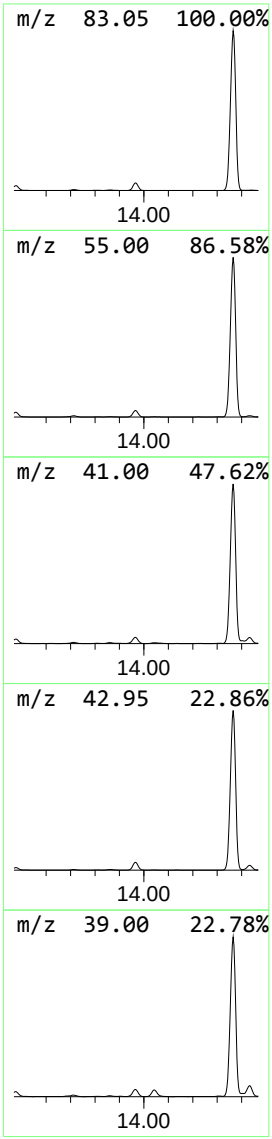
Peak Number 33 Hexane, 1,2-dibromo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.967	47.60 ug/L	1664930	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	64
2	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	64
3	Oxalic acid, cyclohexyl ethyl ester	200	C10H16O4	1000309-30-2	59
4	Cyclohexane, nitro-	129	C6H11NO2	001122-60-7	59
5	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	59





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Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 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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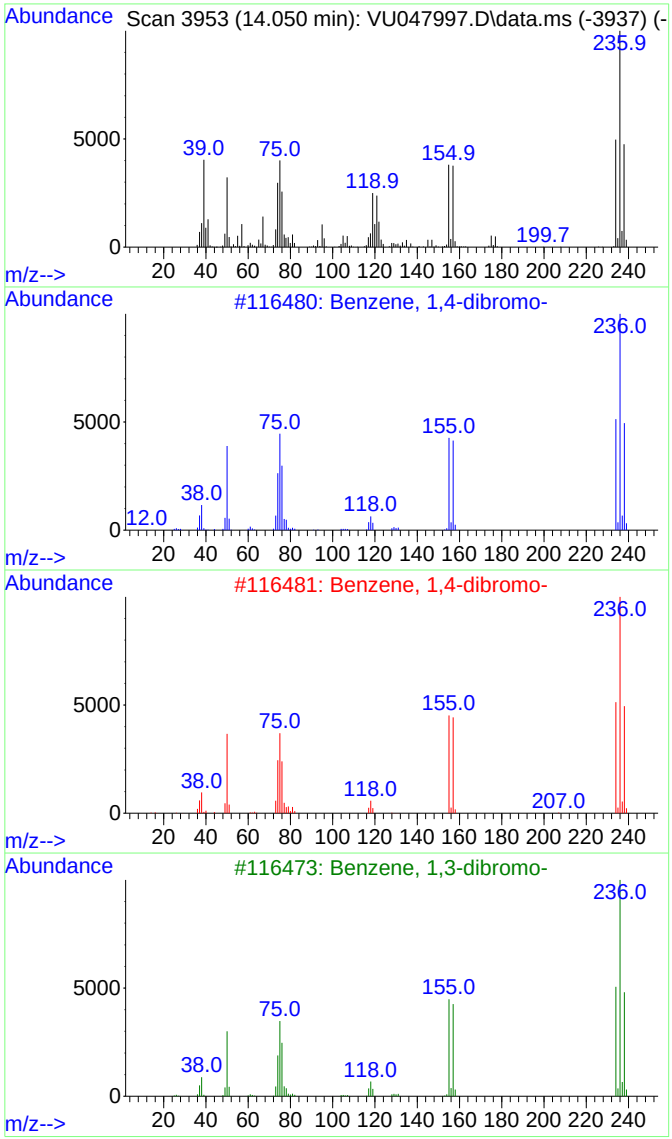
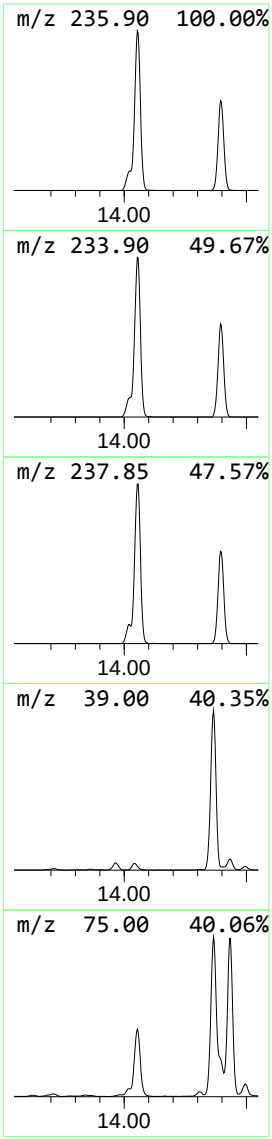
Peak Number 34 Benzene, 1,4-dibromo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.050	42.70 ug/L	1493520	1,4-Dichlorobenzene-d4	11.816

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





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Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

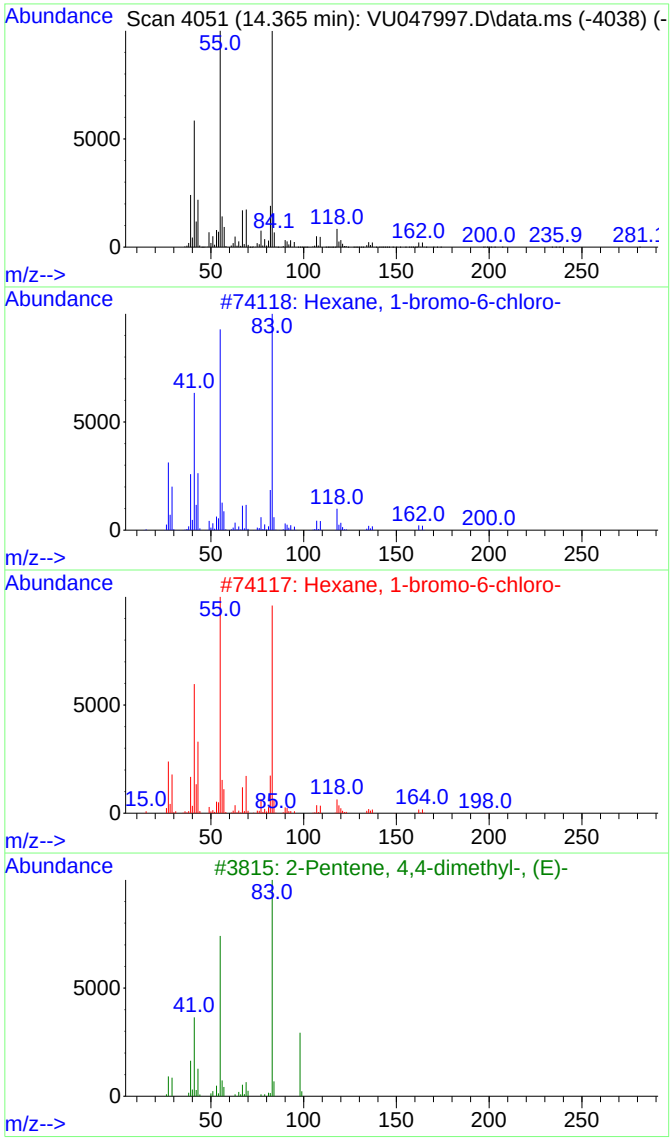
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

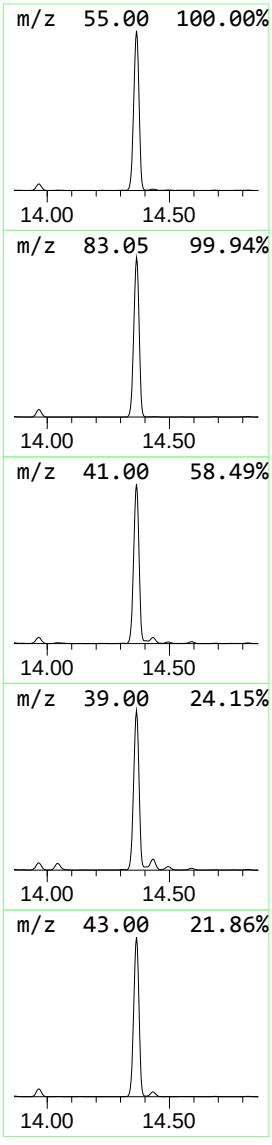
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Hexane, 1-bromo-6-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.365	1171.93 ug/L	40990400	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	97
2	Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	86
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	59
4	Acetaldehyde 2E-hexenyl 3Z-hexen...	226	C14H26O2	1000431-45-5	59
5	Oxalic acid, cyclohexyl nonyl ester	298	C17H30O4	1000309-31-1	59





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Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 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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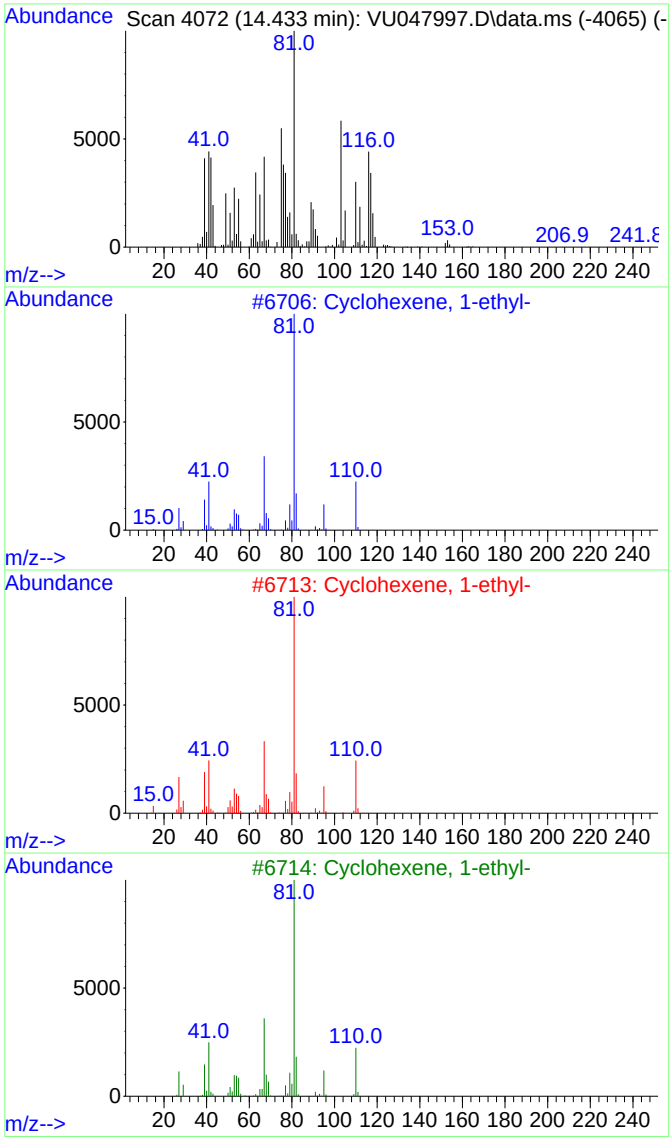
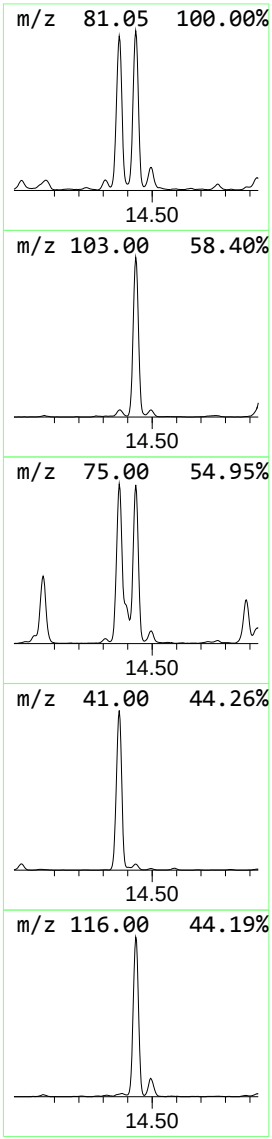
Peak Number 37 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.433	77.86 ug/L	2723320	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	18
2	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	18
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	14
4	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	14
5	Cyclohexane, 1,4-dichloro-	152	C6H10Cl2	019398-57-3	12





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Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 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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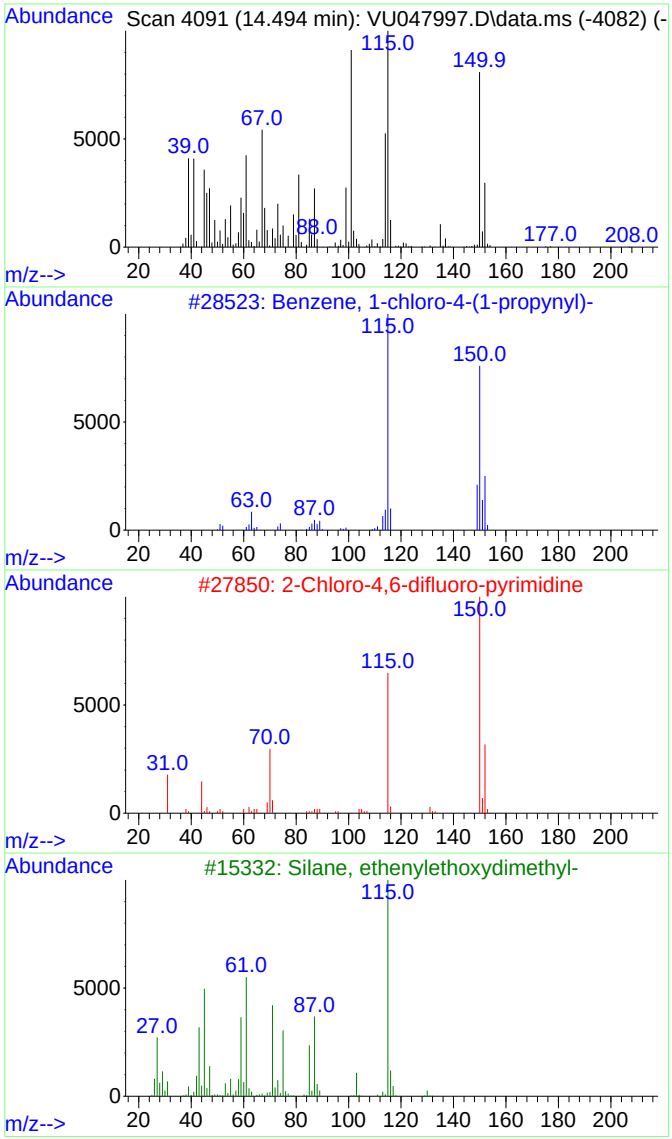
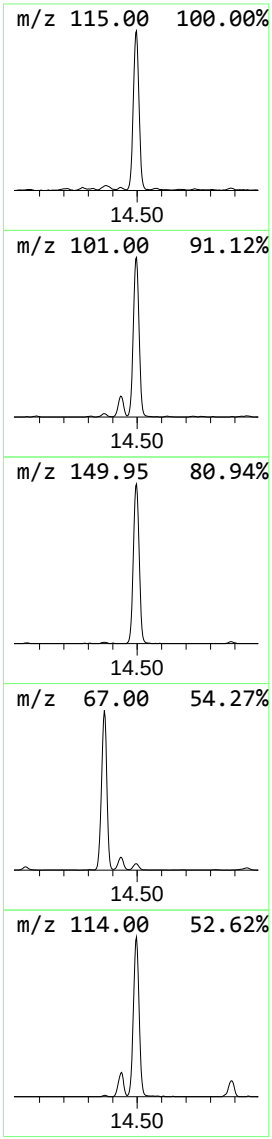
Peak Number 38 unknown-04 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.494	33.98 ug/L	1188610	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-(1-propynyl)-	150	C9H7Cl	002809-65-6	38
2	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	22
3	Silane, ethenylethoxydimethyl-	130	C6H14OSi	005356-83-2	14
4	1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	10
5	Isopropyl isothiocyanate	101	C4H7NS	002253-73-8	10





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Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 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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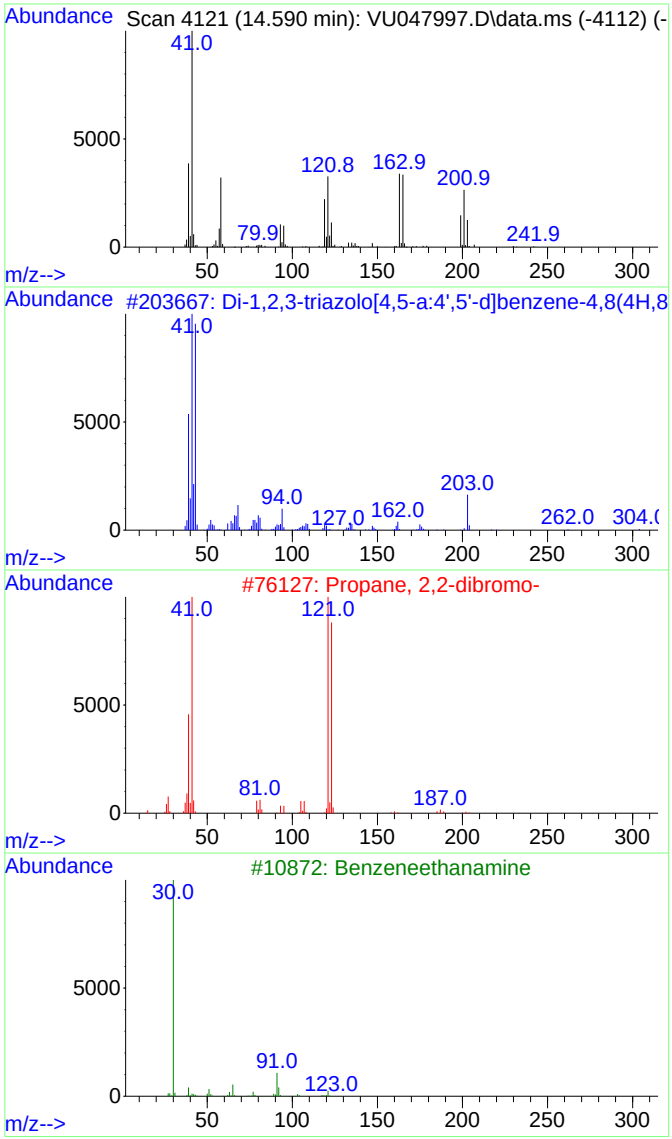
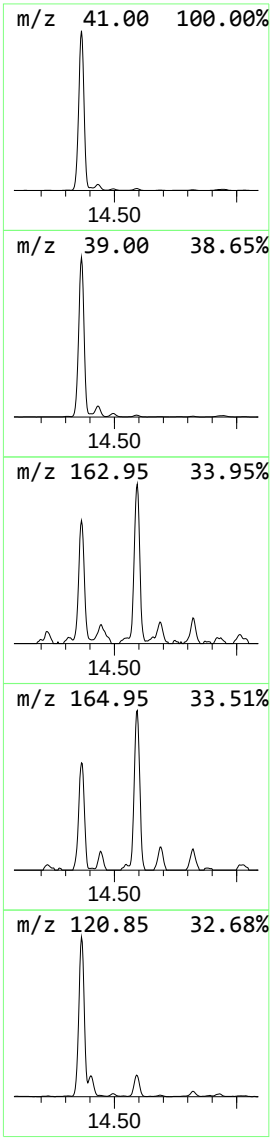
Peak Number 39 unknown-05 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.590	8.49 ug/L	296795	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-1,2,3-triazolo[4,5-a:4',5'-d]...	304	C12H16N8O2	1000294-60-4	9
2	Propane, 2,2-dibromo-	200	C3H6Br2	000594-16-1	7
3	Benzeneethanamine	121	C8H11N	000064-04-0	4
4	1-(Cyclopropylazo)-1-spiropentan...	161	C9H11N3	1000223-21-3	4
5	Ethyl 4,4,4-trifluoro-3-(pyrazol...	236	C9H11F3N2O2	1000486-80-2	4





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Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

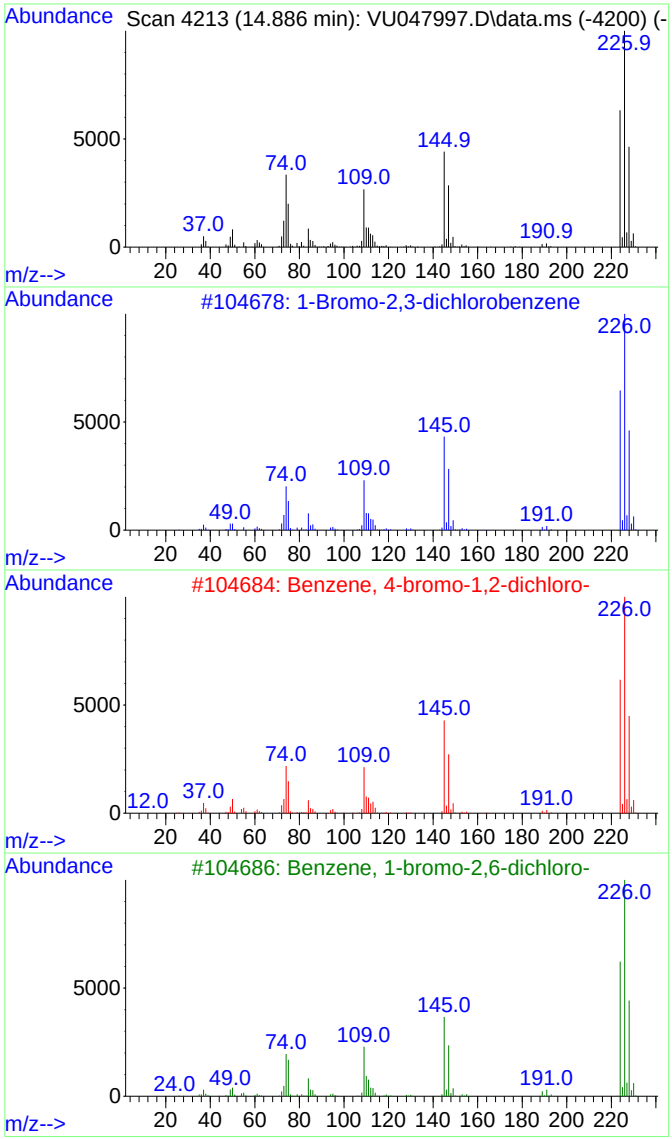
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

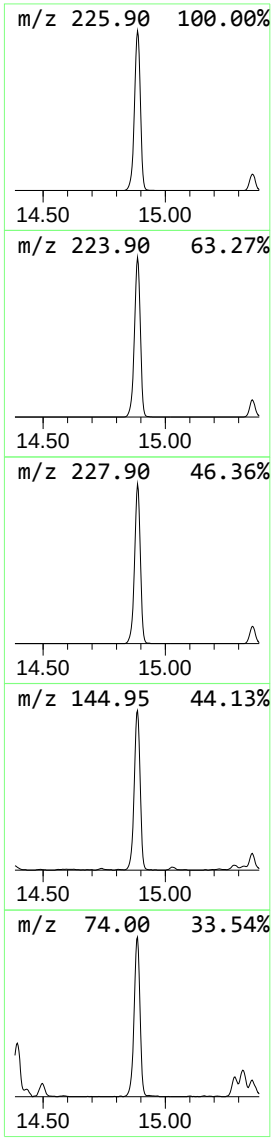
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 1-Bromo-2,3-dichlorobenzene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.886	33.74 ug/L	1180280	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromo-2,3-dichlorobenzene	224	C6H3BrCl2	056961-77-4	99
2	Benzene, 4-bromo-1,2-dichloro-	224	C6H3BrCl2	018282-59-2	99
3	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	99
4	Benzene, 2-bromo-1,4-dichloro-	224	C6H3BrCl2	001435-50-3	99
5	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 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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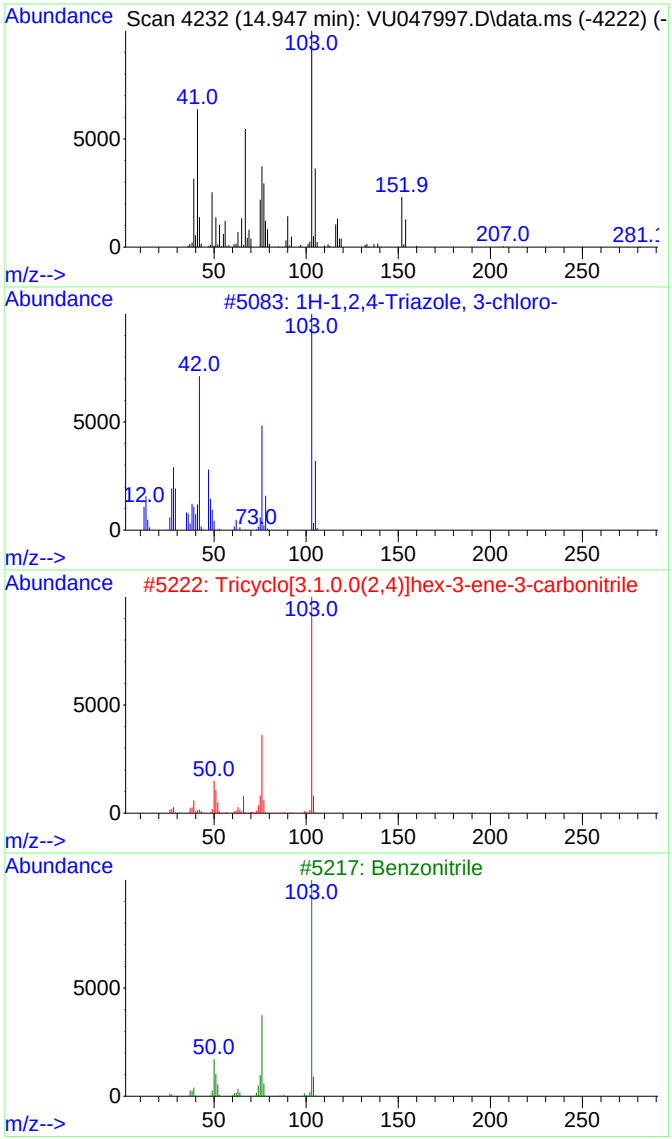
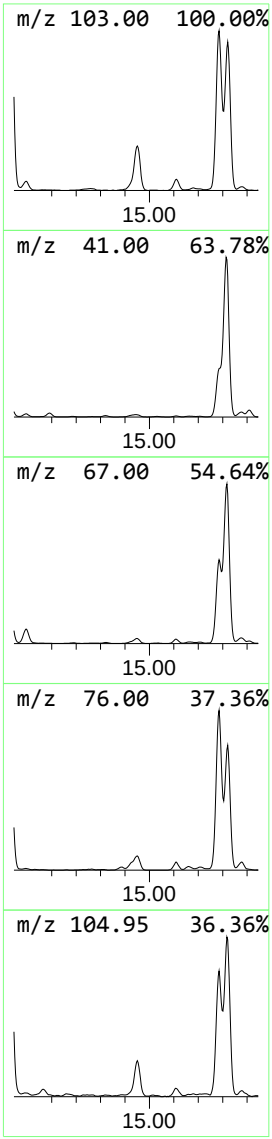
Peak Number 43 unknown-06 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.947	14.25 ug/L	498278	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,2,4-Triazole, 3-chloro-	103	C2H2ClN3	006818-99-1	27
2	Tricyclo[3.1.0.0(2,4)]hex-3-ene-...	103	C7H5N	103495-51-8	22
3	Benzonitrile	103	C7H5N	000100-47-0	22
4	5-Phenyl-1,2,3,4-thiatriazole	163	C7H5N3S	034733-85-2	17
5	5-Chloromethyl-isoxazolidin-3-one	135	C4H6ClNO2	1000193-70-0	12





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Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 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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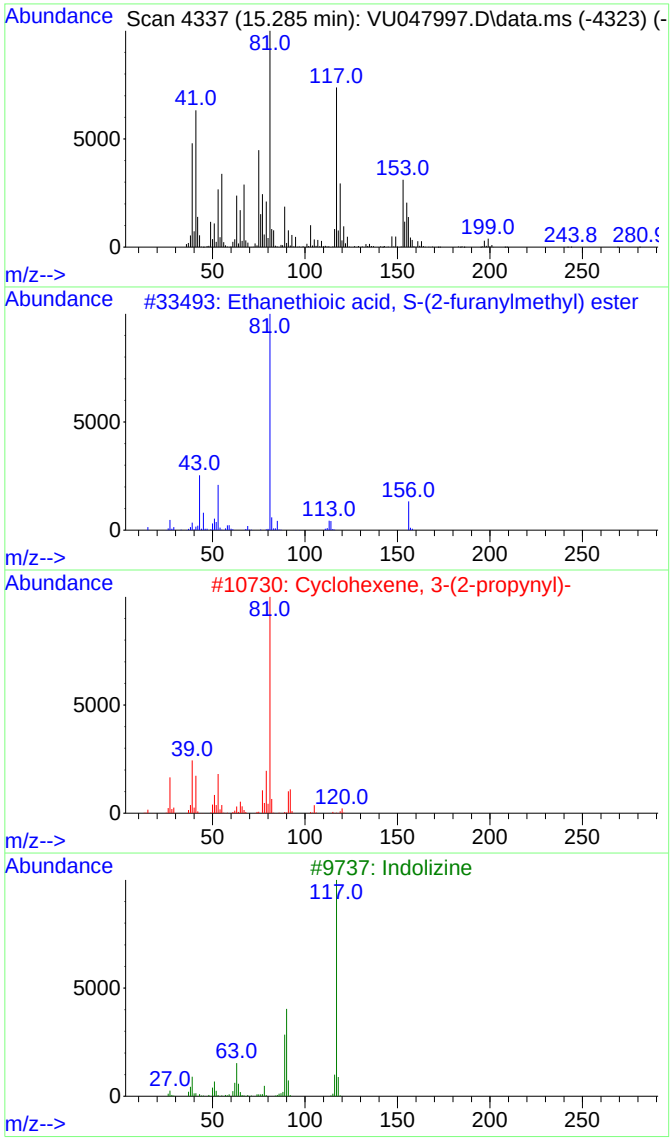
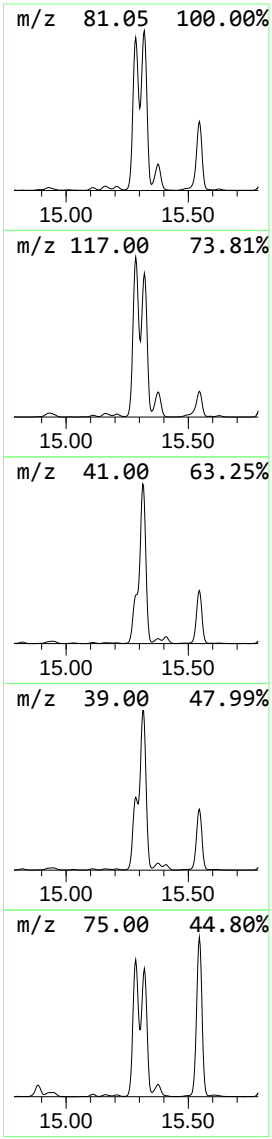
Peak Number 48 unknown-07 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.285	254.60 ug/L	8904990	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanethioic acid, S-(2-furanylm...	156	C7H8O2S	013678-68-7	14
2	Cyclohexene, 3-(2-propynyl)-	120	C9H12	055956-43-9	11
3	Indolizine	117	C8H7N	000274-40-8	11
4	m-Aminophenylacetylene	117	C8H7N	054060-30-9	10
5	2,3-Diazabicyclo[2.2.1]hept-2-en...	178	C11H18N2	150667-99-5	10





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Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

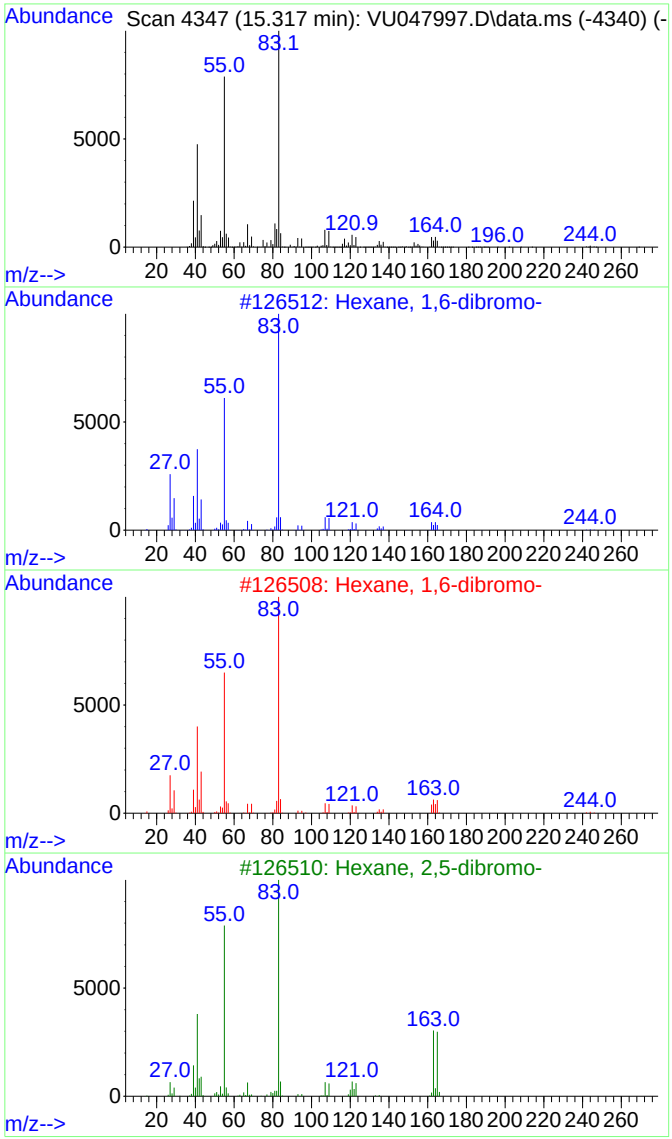
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

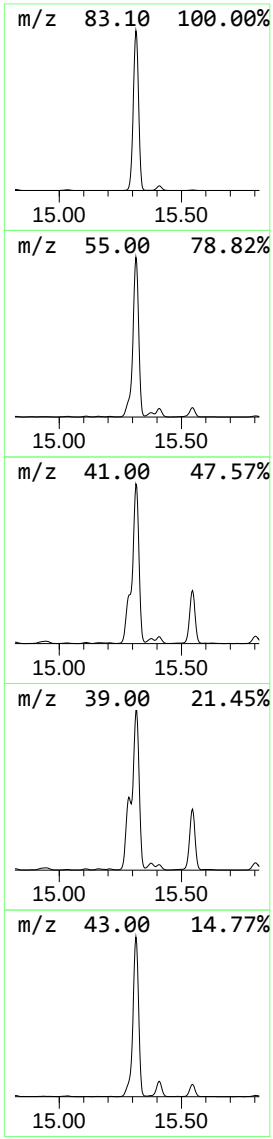
****

Peak Number 49 Cyclohexane, bromo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.317	690.76 ug/L	24160400	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	96
2	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	94
3	Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	78
4	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	64
5	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	64





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Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

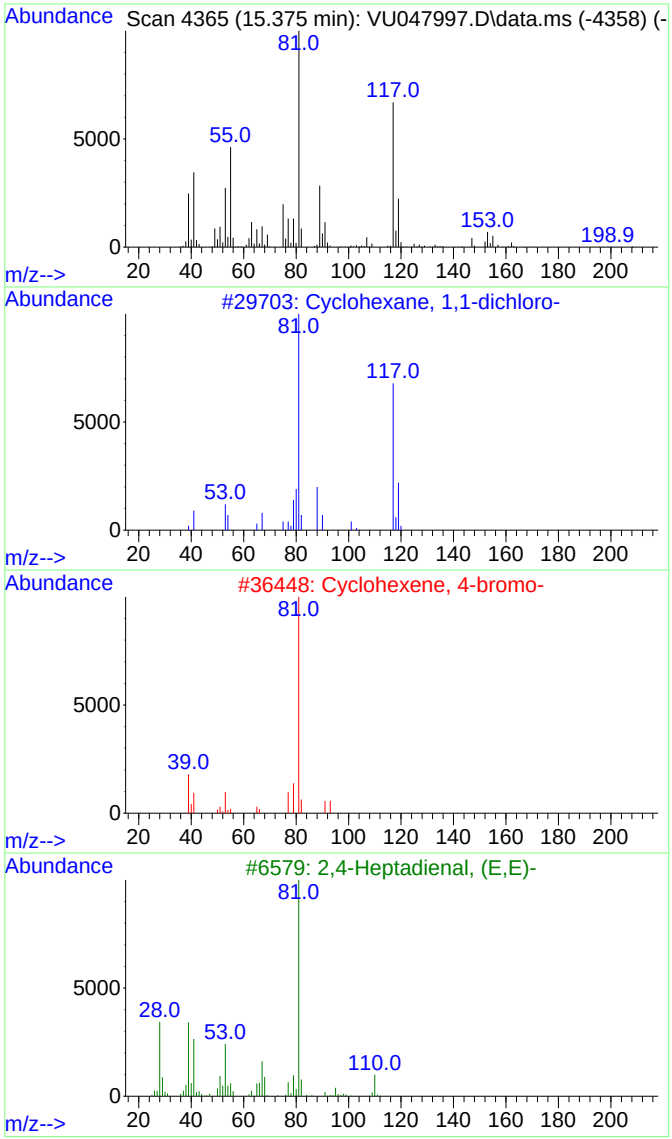
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

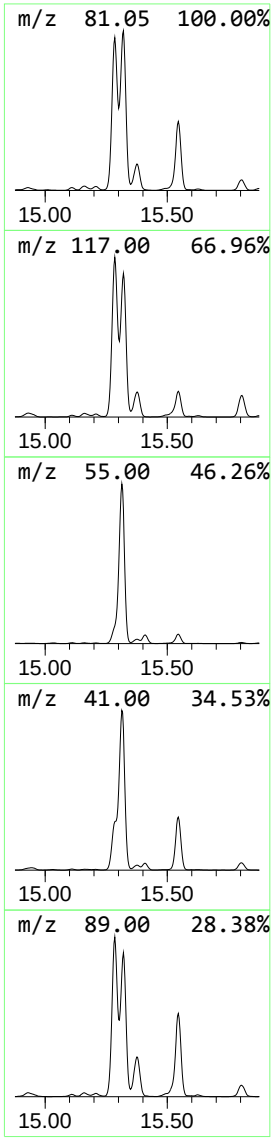
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Cyclohexane, 1,1-dichloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.375	36.99 ug/L	1293630	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dichloro-	152	C6H10Cl2	002108-92-1	53
2	Cyclohexene, 4-bromo-	160	C6H9Br	003540-84-9	35
3	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	35
4	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	27
5	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	27





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Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

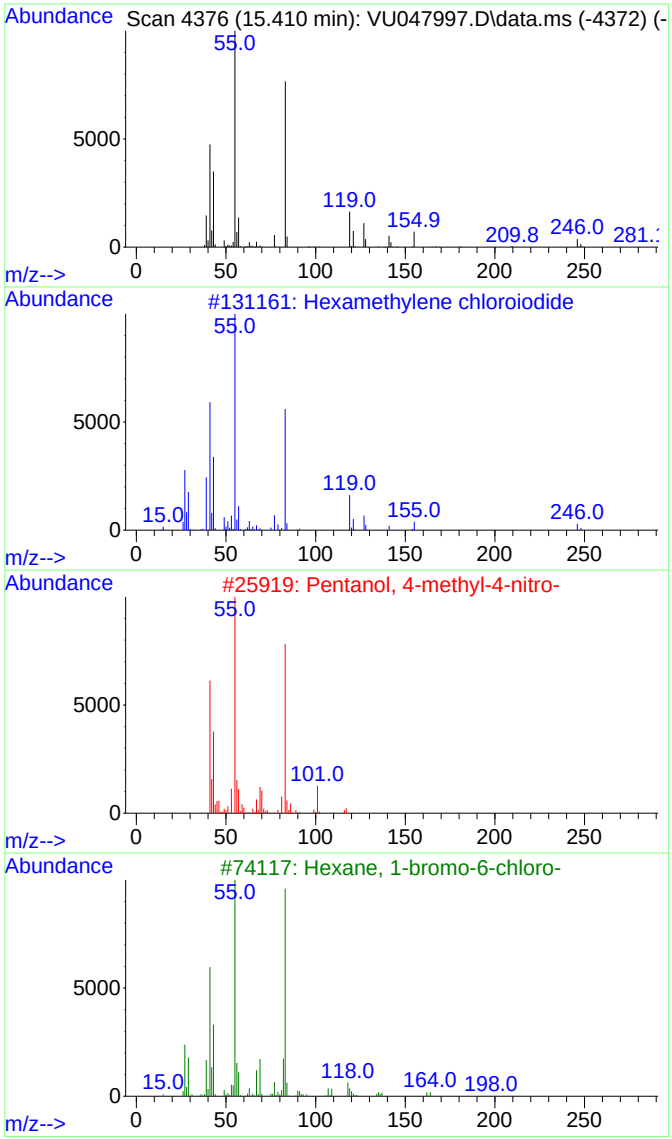
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

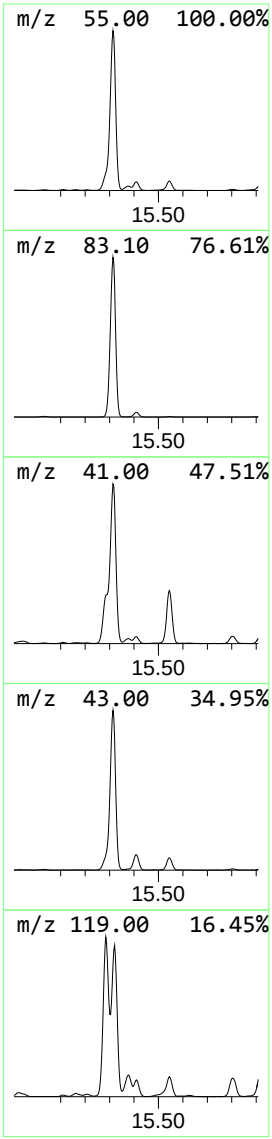
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Hexamethylene chloroiodide Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	18.71 ug/L	654405	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexamethylene chloroiodide	246	C6H12ClI	034683-73-3	52
2	Pentanol, 4-methyl-4-nitro-	147	C6H13NO3	005215-92-9	50
3	Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	40
4	Cyclobutanecarboxylic acid, 4-cy...	201	C12H11NO2	1000307-44-0	38
5	2-Methyl-2-bromohept-6-en-3-one	204	C8H13BrO	1000424-28-0	36





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Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

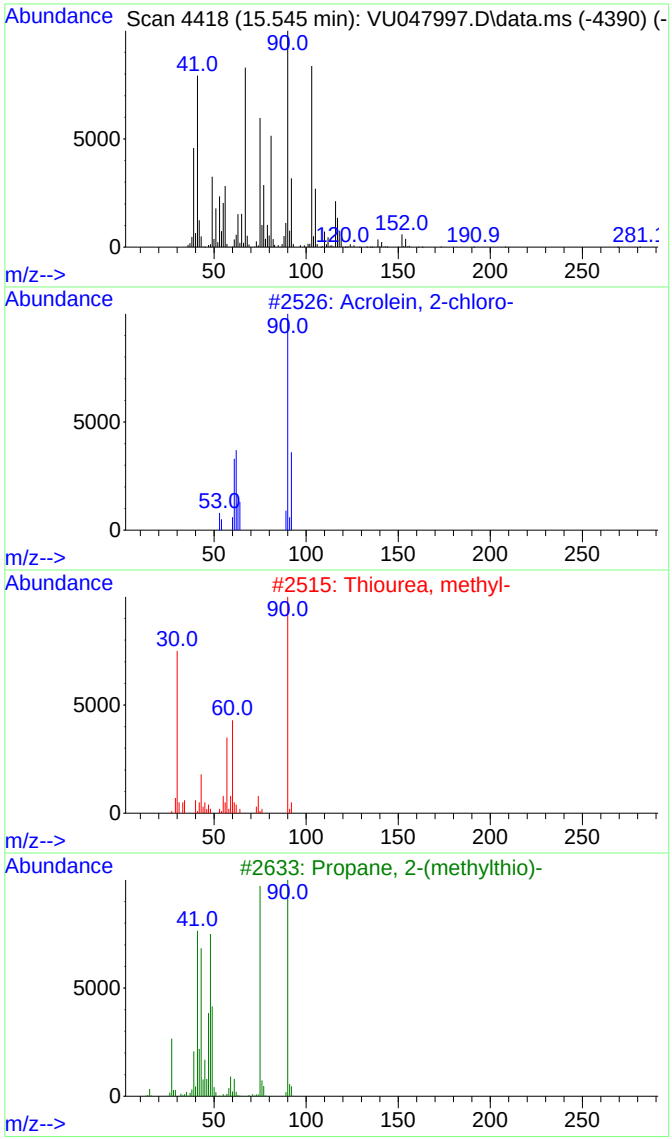
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

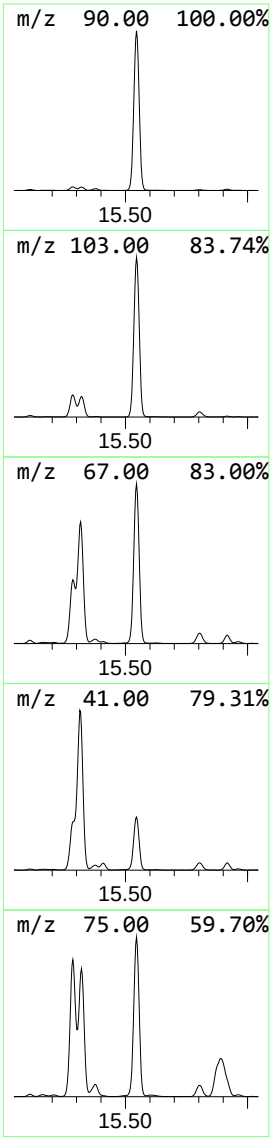
****

Peak Number 52 unknown-08 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.545	266.15 ug/L	9309050	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	37
2	Thiourea, methyl-	90	C2H6N2S	000598-52-7	35
3	Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	28
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





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Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 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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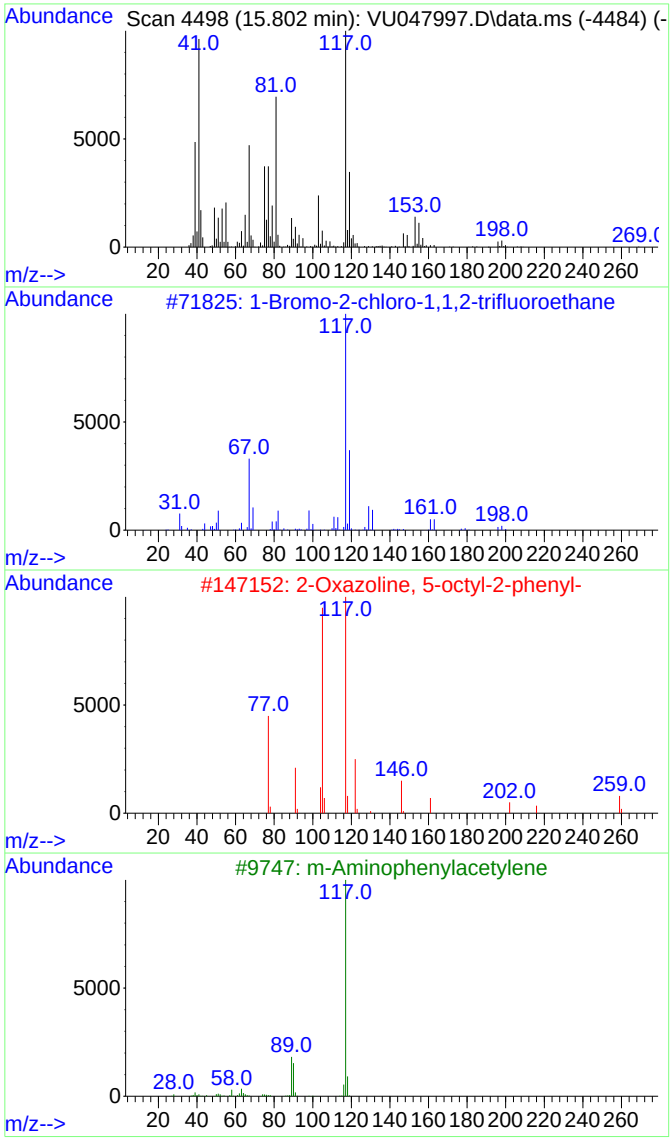
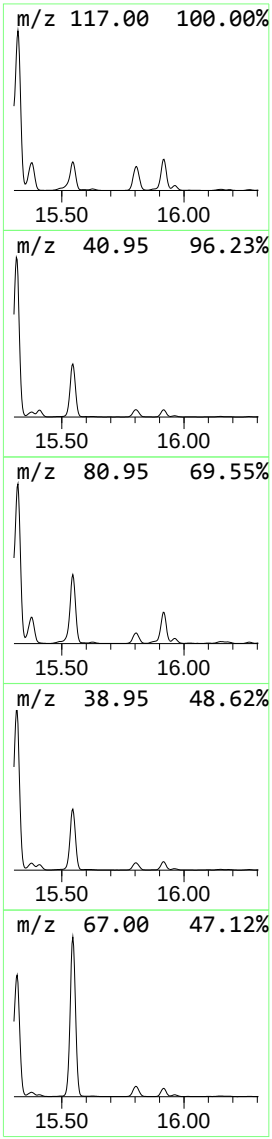
Peak Number 53 unknown-09 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.803	29.65 ug/L	1037040	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromo-2-chloro-1,1,2-trifluoro...	196	C2HBrClF3	000354-06-3	23
2	2-Oxazoline, 5-octyl-2-phenyl-	259	C17H25NO	032014-90-7	23
3	m-Aminophenylacetylene	117	C8H7N	054060-30-9	22
4	2-Thio-2,4-oxazolidinedione	117	C3H3NO2S	002346-24-9	22
5	Cyclohexyldimethylisopropoxysilane	200	C11H24OSi	1000282-21-5	22





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Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

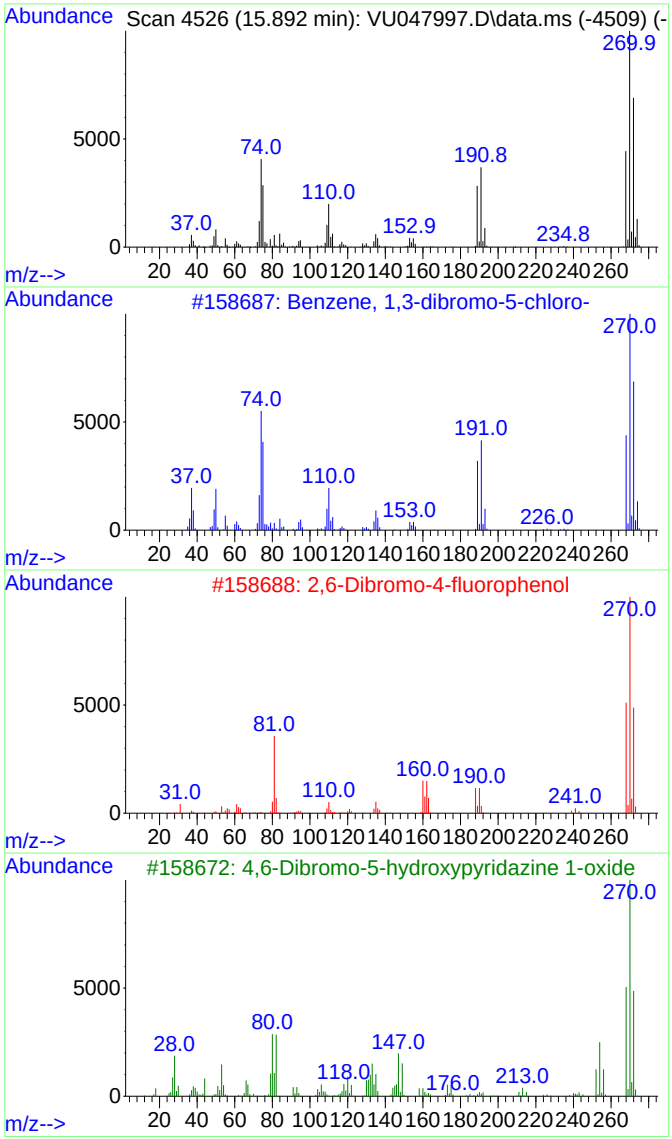
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

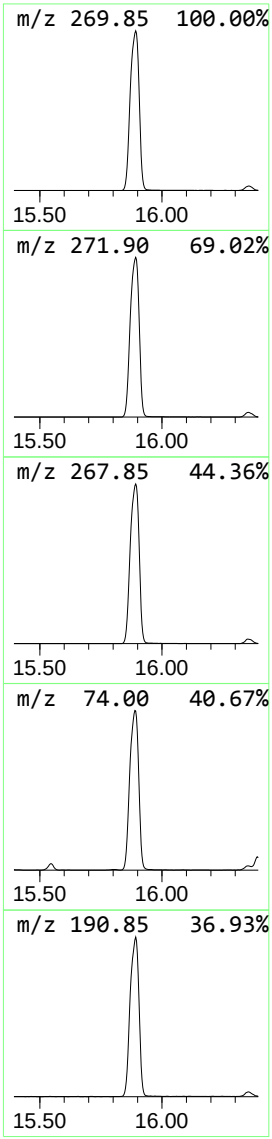
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Benzene, 1,3-dibromo-5-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.893	154.88 ug/L	5417290	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dibromo-5-chloro-	268	C6H3Br2Cl	014862-52-3	91
2	2,6-Dibromo-4-fluorophenol	268	C6H3Br2FO	000344-20-7	43
3	4,6-Dibromo-5-hydroxypyridazine ...	268	C4H2Br2N2O2	019971-61-0	43
4	Pyrimidine, 4,6-dichloro-2-(meth...	270	C11H8Cl2N2S	064415-11-8	23
5	5-Bromo-7-methoxy-1-benzofuran-2...	270	C10H7BrO4	020037-37-0	17





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Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

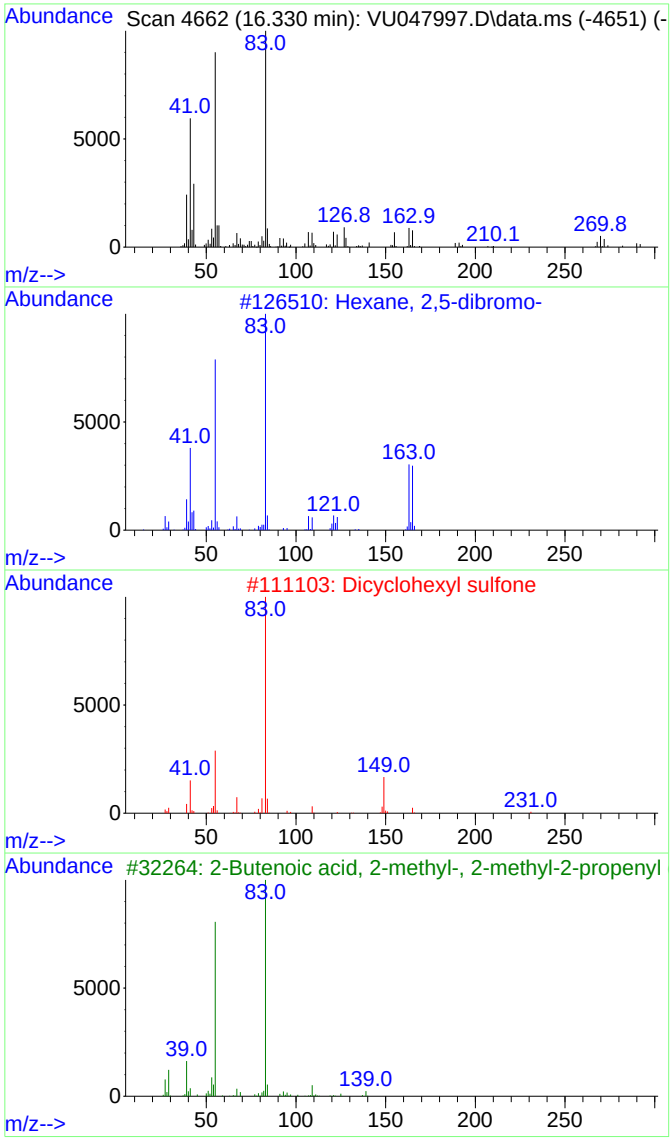
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

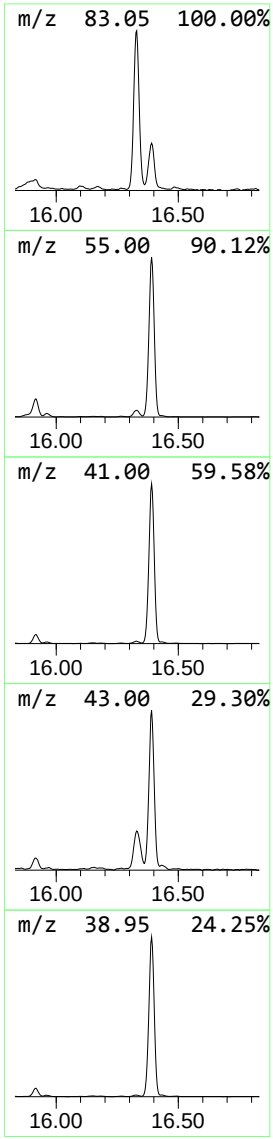
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Dicyclohexyl sulfone Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.330	8.38 ug/L	293065	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	72
2	Dicyclohexyl sulfone	230	C12H22O2S	1000451-31-4	59
3	2-Butenoic acid, 2-methyl-, 2-me...	154	C9H14O2	061692-82-8	53
4	Cyclohexyldichlorophosphine	184	C6H11Cl2P	002844-89-5	53
5	Oxalic acid, cyclohexyl hexyl ester	256	C14H24O4	1000309-30-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 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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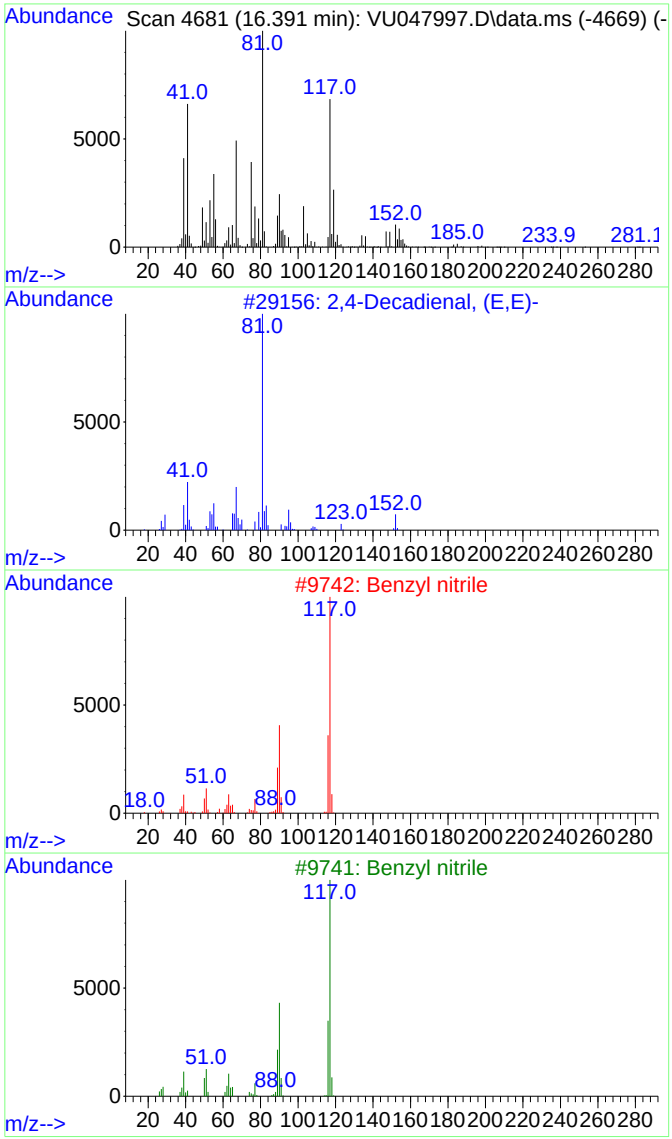
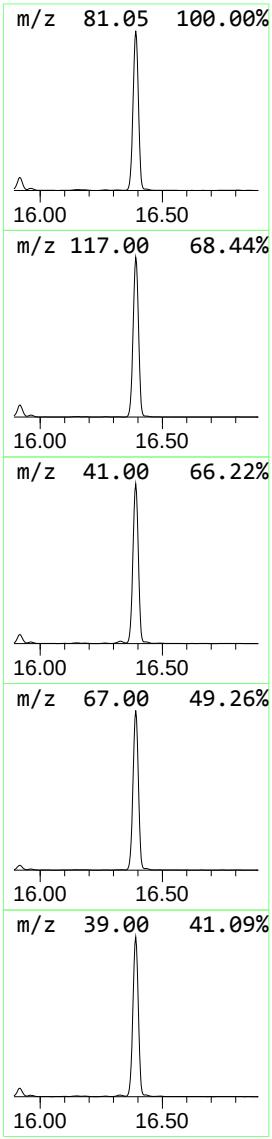
Peak Number 57 unknown-10 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.391	604.23 ug/L	21133900	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	35
2	Benzyl nitrile	117	C8H7N	000140-29-4	25
3	Benzyl nitrile	117	C8H7N	000140-29-4	25
4	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	15
5	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	15





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 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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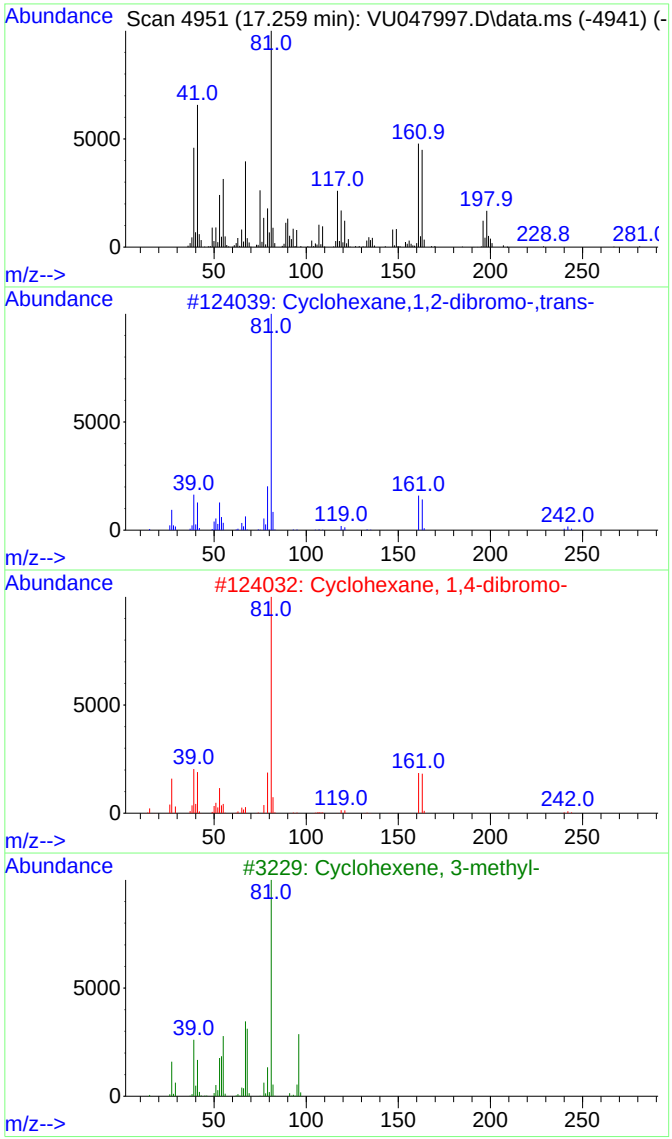
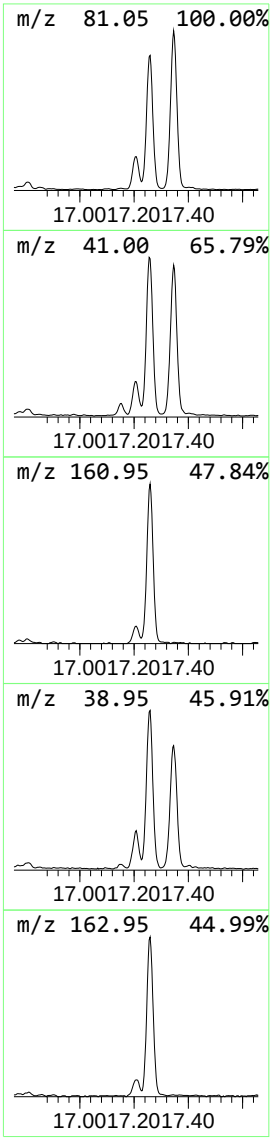
Peak Number 59 unknown-11 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.259	19.03 ug/L	665628	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane,1,2-dibromo-,trans-	240	C6H10Br2	007429-37-0	38
2	Cyclohexane, 1,4-dibromo-	240	C6H10Br2	035076-92-7	38
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	35
4	Fenchol, exo-	154	C10H18O	022627-95-8	27
5	Cyclopropane, 1-(5-hexenyl)-2-iodo-	250	C9H15I	074685-40-8	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 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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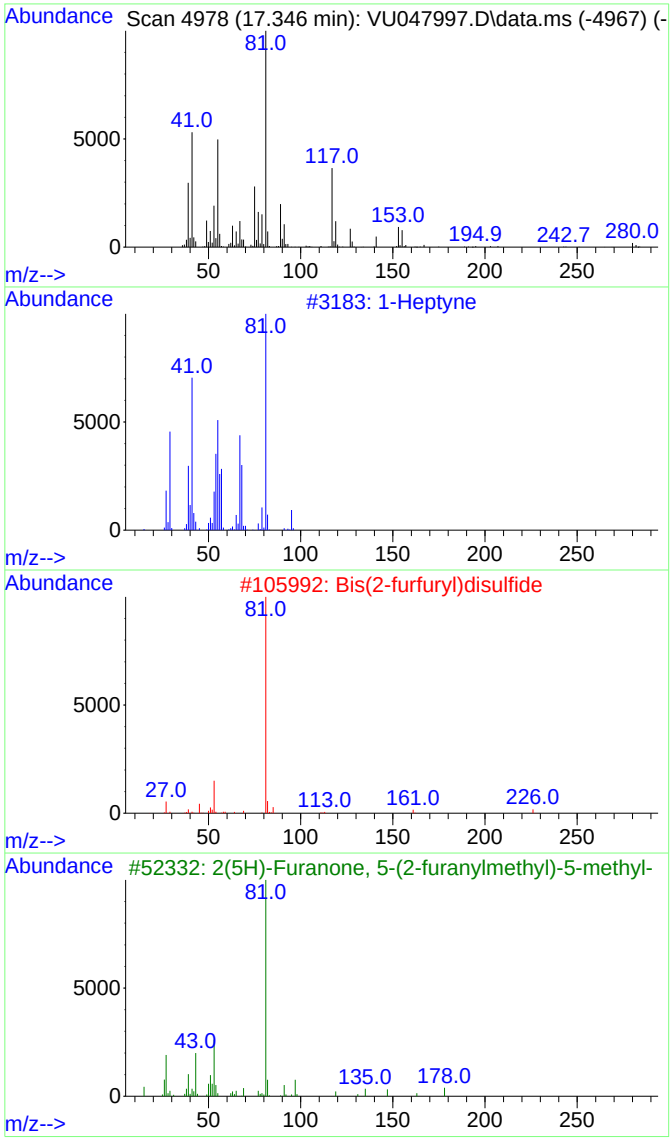
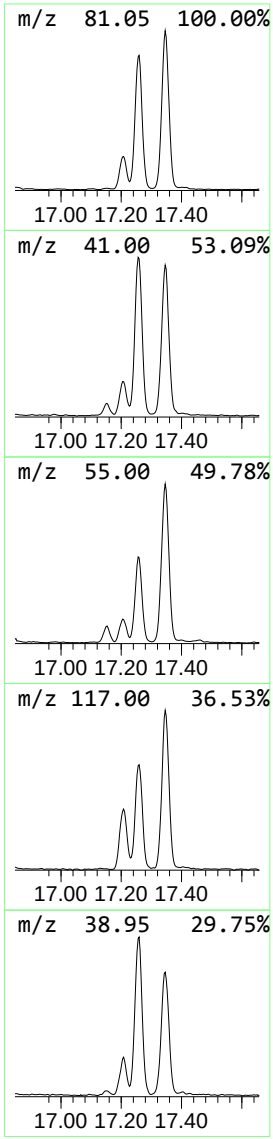
Peak Number 60 unknown-12 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.346	15.84 ug/L	553881	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptyne	96	C7H12	000628-71-7	38
2	Bis(2-furfuryl)disulfide	226	C10H10O2S2	004437-20-1	32
3	2(5H)-Furanone, 5-(2-furanylmeth...	178	C10H10O3	031969-27-4	32
4	Furan, 2-ethyl-	96	C6H8O	003208-16-0	32
5	Cyclohexene, 3-(2-propynyl)-	120	C9H12	055956-43-9	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU047997.D
Acq On : 13 Apr 2022 12:45
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 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...	3.057	3.5	ug/L	66507	1	6.247	944377	50.0
(DEL) Alkane: S...	3.340	3.7	ug/L	70572	1	6.247	944377	50.0
(DEL) Alkane: S...	3.678	3.8	ug/L	71243	1	6.247	944377	50.0
2-Propen-1-ol	4.115	27.1	ug/L	512166	1	6.247	944377	50.0
(DEL) Alkane: S...	5.359	12.3	ug/L	231753	1	6.247	944377	50.0
(DEL) Alkane: S...	5.584	18.4	ug/L	347177	1	6.247	944377	50.0
(DEL) Alkane: S...	6.128	16.7	ug/L	315451	1	6.247	944377	50.0
(DEL) Alkane: S...	10.661	59.8	ug/L	2091820	3	11.816	1748840	50.0
unknown-01	11.960	15.7	ug/L	549844	3	11.816	1748840	50.0
unknown-02	12.471	12.1	ug/L	424619	3	11.816	1748840	50.0
1-Propene, 1-ch...	12.616	11.0	ug/L	384017	3	11.816	1748840	50.0
Benzene, 1-brom...	12.909	7.6	ug/L	265924	3	11.816	1748840	50.0
Benzene, 1-brom...	12.973	900.7	ug/L	31502900	3	11.816	1748840	50.0
Hexane, 2,5-dib...	13.166	85.4	ug/L	2985830	3	11.816	1748840	50.0
Benzene, 1-brom...	13.330	788.0	ug/L	27562700	3	11.816	1748840	50.0
Hexane, 1,6-dic...	13.378	516.5	ug/L	18064900	3	11.816	1748840	50.0
Hexane, 1,6-dib...	13.475	39.8	ug/L	1392270	3	11.816	1748840	50.0
acetic acid, 2,...	13.713	13.6	ug/L	477001	3	11.816	1748840	50.0
Hexane, 1,2-dib...	13.967	47.6	ug/L	1664930	3	11.816	1748840	50.0
Benzene, 1,4-di...	14.050	42.7	ug/L	1493520	3	11.816	1748840	50.0
Hexane, 1-bromo...	14.365	1171.9	ug/L	40990400	3	11.816	1748840	50.0
unknown-03	14.433	77.9	ug/L	2723320	3	11.816	1748840	50.0
unknown-04	14.494	34.0	ug/L	1188610	3	11.816	1748840	50.0
unknown-05	14.590	8.5	ug/L	296795	3	11.816	1748840	50.0
1-Bromo-2,3-dic...	14.886	33.7	ug/L	1180280	3	11.816	1748840	50.0
unknown-06	14.947	14.3	ug/L	498278	3	11.816	1748840	50.0
unknown-07	15.285	254.6	ug/L	8904990	3	11.816	1748840	50.0
Cyclohexane, br...	15.317	690.8	ug/L	24160400	3	11.816	1748840	50.0
Cyclohexane, 1,...	15.375	37.0	ug/L	1293630	3	11.816	1748840	50.0
Hexamethylene c...	15.410	18.7	ug/L	654405	3	11.816	1748840	50.0
unknown-08	15.545	266.1	ug/L	9309050	3	11.816	1748840	50.0
unknown-09	15.803	29.6	ug/L	1037040	3	11.816	1748840	50.0
Benzene, 1,3-di...	15.893	154.9	ug/L	5417290	3	11.816	1748840	50.0
Dicyclohexyl su...	16.330	8.4	ug/L	293065	3	11.816	1748840	50.0
unknown-10	16.391	604.2	ug/L	21133900	3	11.816	1748840	50.0
unknown-11	17.259	19.0	ug/L	665628	3	11.816	1748840	50.0
unknown-12	17.346	15.8	ug/L	553881	3	11.816	1748840	50.0