LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

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

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

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

Signal : TIC: VU048332.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.356	3	5	25	rVB3	61236194	62580440	87.96%	9.956%
2	1.436	25	30	37	rVB	102760	102576	0.14%	0.016%
3	1.600	70	81	96	rBV4	278728	446157	0.63%	0.071%
4	1.896	165	173	192	rVV	130795	214390	0.30%	0.034%
5	2.076	220	229	244	rBV	118285	177433	0.25%	0.028%
6	2.485	343	356	371	rBV2	283216	575372	0.81%	0.092%
7	2.562	371	380	394	rVV	353103	603528	0.85%	0.096%
8	2.678	407	416	433	rVB2	106176	220777	0.31%	0.035%
9	3.134	549	558	574	rVB2	52006	104224	0.15%	0.017%
10	3.234	576	589	609	rVB	318908	643313	0.90%	0.102%
11	3.446	642	655	680	rBV	68778	145582	0.20%	0.023%
12	4.009	813	830	846	rBV3	108611	321475	0.45%	0.051%
13	4.250	897	905	923	rVB	52419	121431	0.17%	0.019%
14	4.533	979	993	1010	rBV4	45333	148598	0.21%	0.024%
15	4.629	1010	1023	1071	rVB2	226806	867833	1.22%	0.138%
16	5.063	1142	1158	1172	rBV	311690	702177	0.99%	0.112%
17	5.308	1217	1234	1245	rBV5	29405	117069	0.16%	0.019%
18	5.388	1249	1259	1272	rVB3	79483	185898	0.26%	0.030%
19	5.780	1344	1381	1408	rBV2	29539027	64342170	90.43%	10.236%
20	6.250	1514	1527	1538	rBV	458724	848544	1.19%	0.135%
21	6.301	1539	1543	1566	rVB	52908	103869	0.15%	0.017%
22	6.472	1566	1596	1610	rBV	10923780	19368754	27.22%	3.081%
23	6.542	1614	1618	1645	rVB	519408	877599	1.23%	0.140%
24	6.690	1652	1664	1677	rBV	380423	730584	1.03%	0.116%
25	6.784	1678	1693	1709	rVB4	333420	806535	1.13%	0.128%
26	6.996	1747	1759	1774	rVB2	208050	410077	0.58%	0.065%
27	7.443	1882	1898	1903	rBV2	302092	532181	0.75%	0.085%
28	7.491	1903	1913	1927	rVV	2134627	4008468	5.63%	0.638%
29	7.565	1927	1936	1956	rVB	233892	435749	0.61%	0.069%
30	7.899	2026	2040	2050	rBV	864396	1492113	2.10%	0.237%
31	7.973	2050	2063	2081	rVV2	9876125	19773785	27.79%	3.146%
32	8.179	2116	2127	2140	rVB	162442	267645	0.38%	0.043%
33	8.298	2141	2164	2173	rBV	1356936	2417851	3.40%	0.385%
34	8.353	2173	2181	2191	rVB4	322185	634632	0.89%	0.101%
35	8.581	2236	2252	2263	rBV	23828991	40545616	56.99%	6.450%
36	8.639	2263	2270	2282	rVB	774336	1320607	1.86%	0.210%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
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Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

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

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

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

37	8.777	2299	2313	2341	rVB5	75686	218845	0.31%	0.035%
38	9.018	2375	2388	2403	rVB	179654	329469	0.46%	0.052%
39	9.179	2424	2438	2450	rBV3	217393	383496	0.54%	0.061%
40	9.365	2476	2496	2505	rBV	3018978	4728909	6.65%	0.752%
41	9.452	2505	2523	2545	rVB2	41335712	71148196	100.00%	11.319%
42	9.578	2545	2562	2573	rBV3	1322769	2657565	3.74%	0.423%
43	9.693	2588	2598	2619	rVB	335949	666209	0.94%	0.106%
44	9.848	2635	2646	2659	rBV5	60576	163400	0.23%	0.026%
45	9.941	2660	2675	2694	rVV	10690831	17448391	24.52%	2.776%
46	10.102	2713	2725	2754	rVB	252861	508716	0.72%	0.081%
47	10.253	2761	2772	2790	rVB2	102415	193420	0.27%	0.031%
48	10.365	2792	2807	2815	rBV	82308	150618	0.21%	0.024%
49	10.587	2854	2876	2885	rBV	318590	732392	1.03%	0.117%
50	10.655	2885	2897	2917	rVB3	2485296	4191823	5.89%	0.667%
51	10.783	2917	2937	2951	rBV	11872514	21097762	29.65%	3.356%
52	10.851	2952	2958	2969	rVB	357705	566988	0.80%	0.090%
53	10.931	2975	2983	2986	rBV	77133	106588	0.15%	0.017%
54	10.973	2986	2996	3017	rVB2	1224432	2111803	2.97%	0.336%
55	11.092	3027	3033	3047	rVB2	55435	92602	0.13%	0.015%
56	11.176	3047	3059	3072	rBV	1033268	1662192	2.34%	0.264%
57	11.250	3072	3082	3091	rVV	375185	621905	0.87%	0.099%
58	11.295	3091	3096	3105	rVB2	91077	128546	0.18%	0.020%
59	11.372	3111	3120	3130	rVB4	94223	149655	0.21%	0.024%
60	11.471	3141	3151	3158	rVV2	141369	260511	0.37%	0.041%
61	11.507	3159	3162	3177	rVB2	92499	125427	0.18%	0.020%
62	11.587	3178	3187	3195	rBV3	50699	97156	0.14%	0.015%
63	11.719	3219	3228	3245	rVB4	116804	242986	0.34%	0.039%
64	11.812	3245	3257	3267	rBV	988813	1696787	2.38%	0.270%
65	11.880	3269	3278	3288	rVV2	1305244	2283841	3.21%	0.363%
66	11.938	3288	3296	3314	rVB2	738198	1656839	2.33%	0.264%
67	12.018	3314	3321	3327	rBV4	74107	102576	0.14%	0.016%
68	12.060	3327	3334	3341	rBV	123990	164331	0.23%	0.026%
69	12.201	3365	3378	3398	rVB4	1763091	3825724	5.38%	0.609%
70	12.298	3399	3408	3417	rBV5	57706	115947	0.16%	0.018%
71	12.471	3449	3462	3481	rVB	3371171	5290742	7.44%	0.842%
72	12.619	3499	3508	3518	rVB5	128584	217240	0.31%	0.035%
73	12.706	3518	3535	3545	rBV	3985785	6198208	8.71%	0.986%
74	12.970	3603	3617	3644	rVB	8951875	16131769	22.67%	2.566%
75	13.089	3645	3654	3665	rBV5	80598	154830	0.22%	0.025%
76	13.163	3665	3677	3687	rBV	927551	1461301	2.05%	0.232%

LSC Area Percent Report

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Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

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

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

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

77	13.214	3687	3693	3701	rVB3	74471	103929	0.15%	0.017%
78	13.327	3716	3728	3736	rBV	6274924	10013114	14.07%	1.593%
79	13.385	3736	3746	3761	rVB	42136627	66068179	92.86%	10.510%
80	13.478	3763	3775	3808	rVB	2485549	4656139	6.54%	0.741%
81	13.716	3830	3849	3861	rBV	4036711	6705930	9.43%	1.067%
82	13.777	3861	3868	3873	rBV	349170	512481	0.72%	0.082%
83	13.963	3915	3926	3936	rBV	413262	641690	0.90%	0.102%
84	14.047	3944	3952	3960	rBV5	101129	146472	0.21%	0.023%
85	14.304	4016	4032	4037	rBV5	60657	130332	0.18%	0.021%
86	14.365	4037	4051	4059	rVV	28716902	43680513	61.39%	6.949%
87	14.407	4059	4064	4069	rVV	4583588	6445847	9.06%	1.025%
88	14.436	4070	4073	4082	rVV4	2384742	3380648	4.75%	0.538%
89	14.497	4082	4092	4109	rVV	15718632	25409035	35.71%	4.042%
90	14.594	4109	4122	4137	rVV	7795289	11793599	16.58%	1.876%
91	14.687	4139	4151	4167	rVB	1655083	2510333	3.53%	0.399%
92	14.954	4218	4234	4248	rVB5	218019	483982	0.68%	0.077%
93	15.111	4273	4283	4291	rBV3	134174	213166	0.30%	0.034%
94	15.314	4323	4346	4358	rBV2	9069401	18155159	25.52%	2.888%
95	15.375	4358	4365	4373	rVB	257654	361673	0.51%	0.058%
96	15.545	4404	4418	4432	rVB	9416633	14590203	20.51%	2.321%
97	15.802	4487	4498	4510	rBV	353560	640062	0.90%	0.102%
98	15.896	4510	4527	4542	rVV2	646814	1984330	2.79%	0.316%
99	16.388	4655	4680	4691	rBV	8173178	12390315	17.41%	1.971%
100	17.259	4941	4951	4966	rVV	179062	296676	0.42%	0.047%

Sum of corrected areas: 628594564

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
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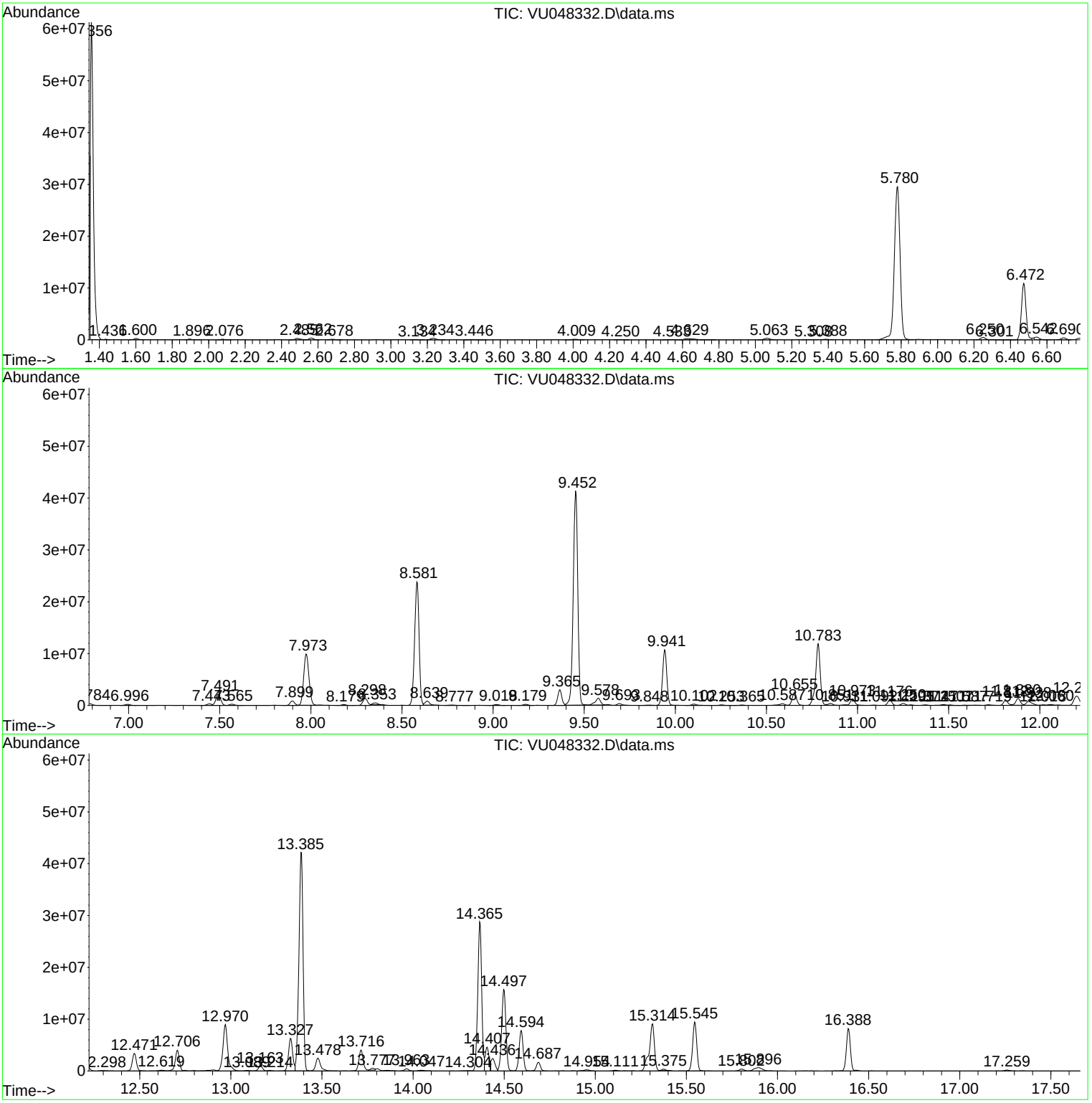
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

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

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

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

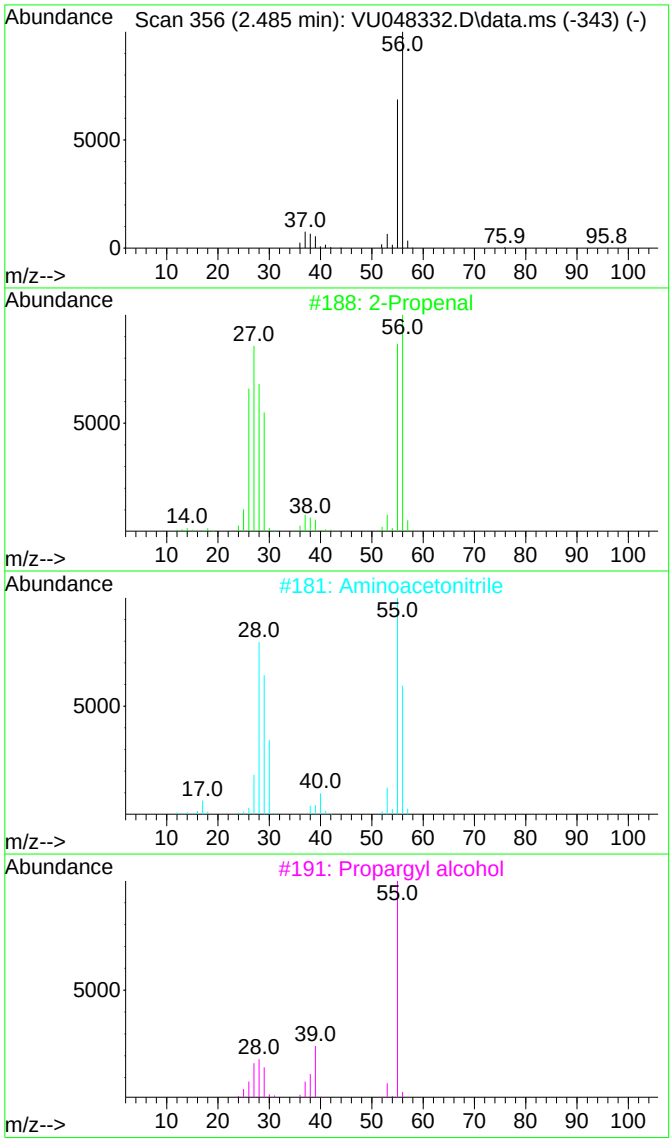
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

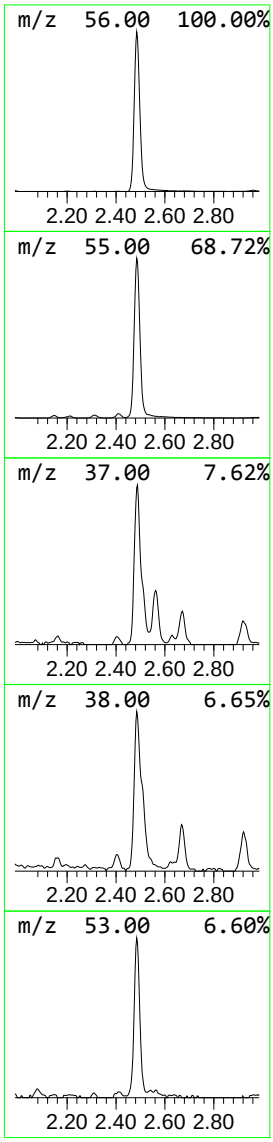
****

Peak Number 3 2-Propenal Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.485	33.90 ug/L	575372	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal	56	C3H4O	000107-02-8	90
2	Aminoacetonitrile	56	C2H4N2	000540-61-4	9
3	Propargyl alcohol	56	C3H4O	000107-19-7	9
4	2-Propenal	56	C3H4O	000107-02-8	7
5	Aminoacetonitrile	56	C2H4N2	000540-61-4	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

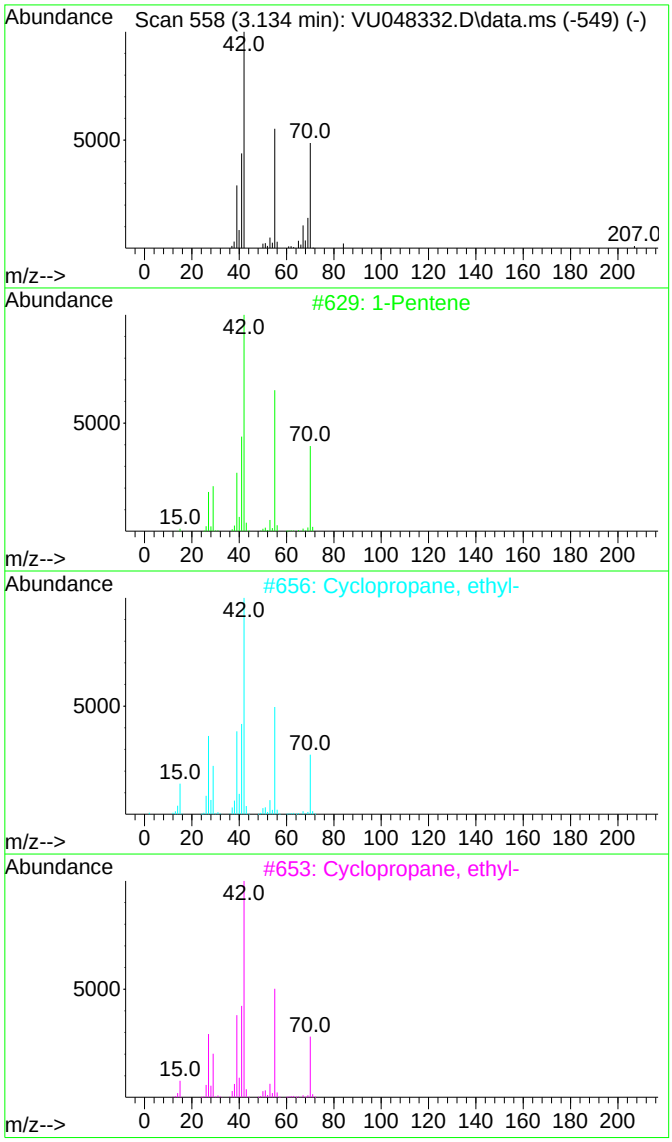
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

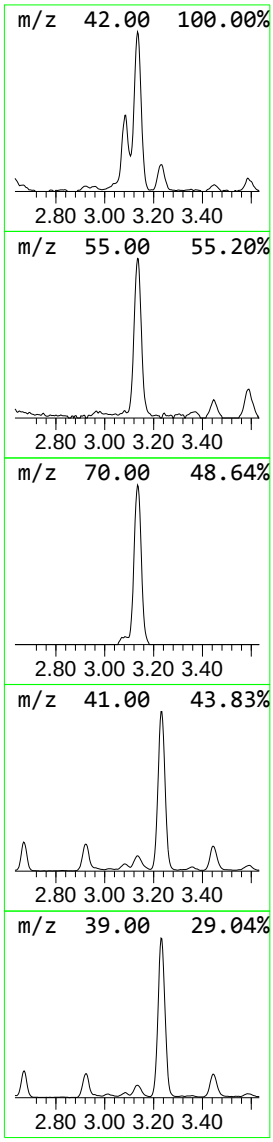
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.134	6.14 ug/L	104224	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	72
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	50
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	45
4	1-Pentene	70	C5H10	000109-67-1	40
5	Pentane, 1-chloro-	106	C5H11Cl	000543-59-9	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

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

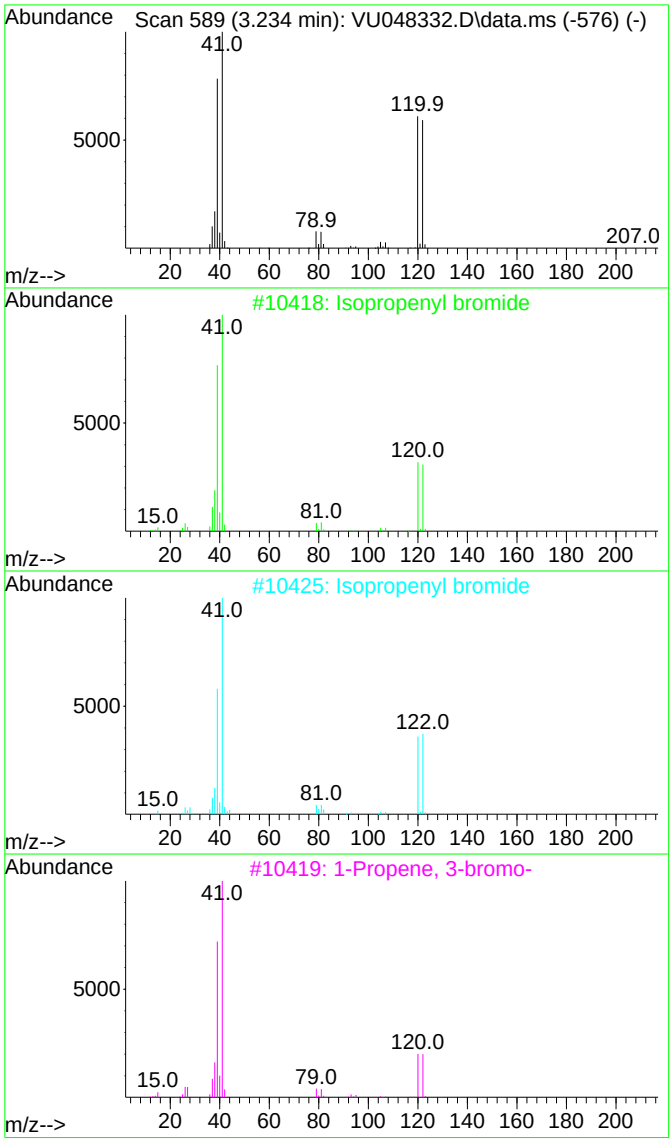
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

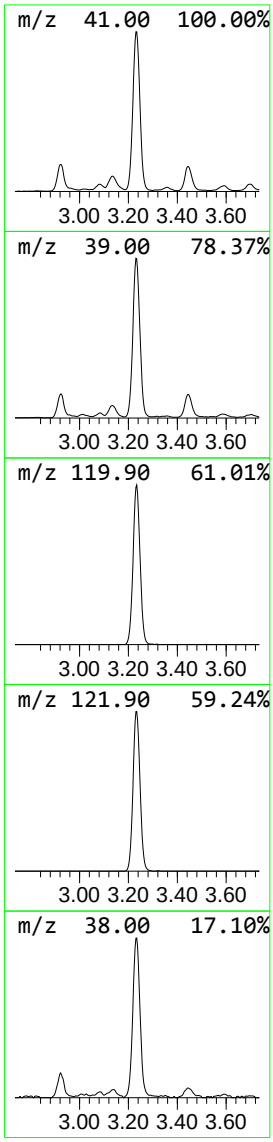
****

Peak Number 5 Isopropenyl bromide Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.234	37.91 ug/L	643313	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropenyl bromide	120	C3H5Br	000557-93-7	91
2	Isopropenyl bromide	120	C3H5Br	000557-93-7	91
3	1-Propene, 3-bromo-	120	C3H5Br	000106-95-6	90
4	1-Propene, 3-bromo-	120	C3H5Br	000106-95-6	83
5	1-Propyne, 3-bromo-	118	C3H3Br	000106-96-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

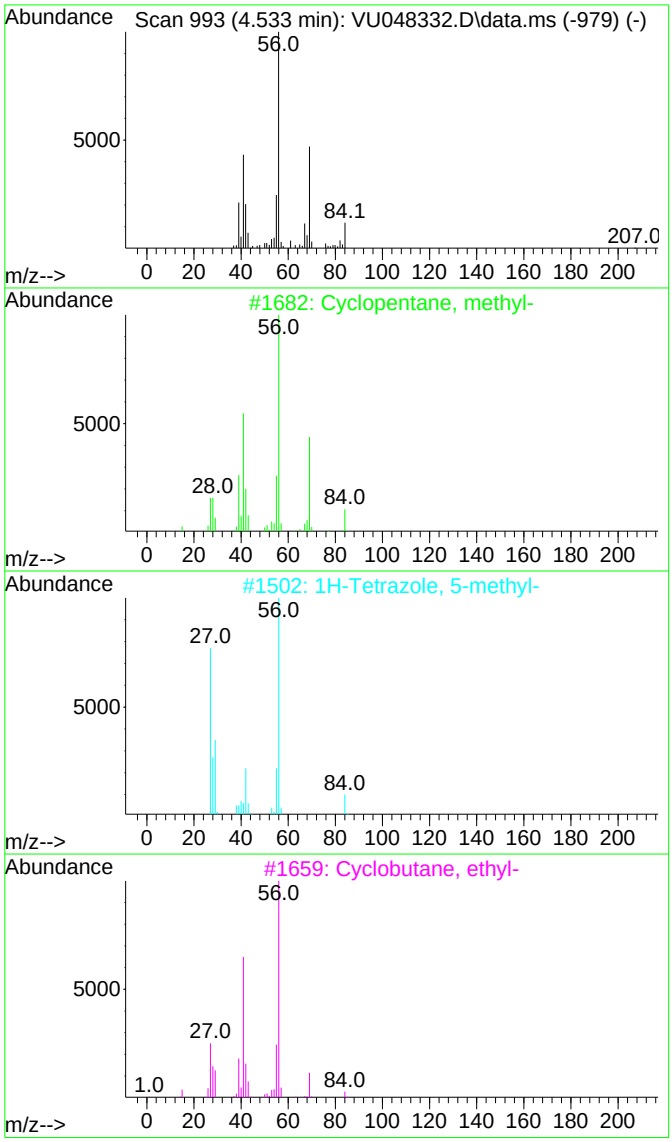
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

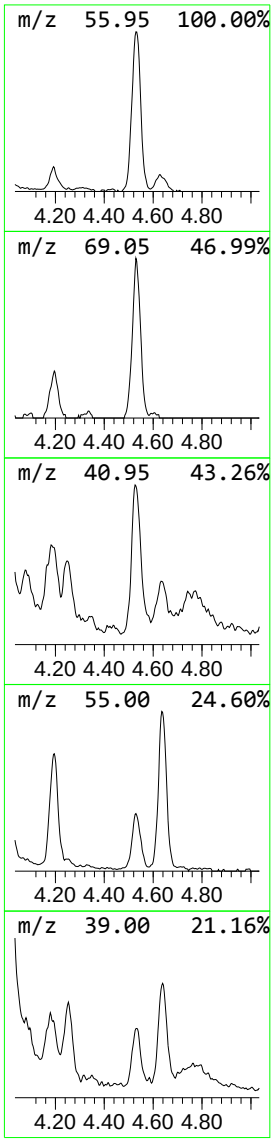
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic4.533 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.533	8.76 ug/L	148598	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	81
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	59
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	50
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	45
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

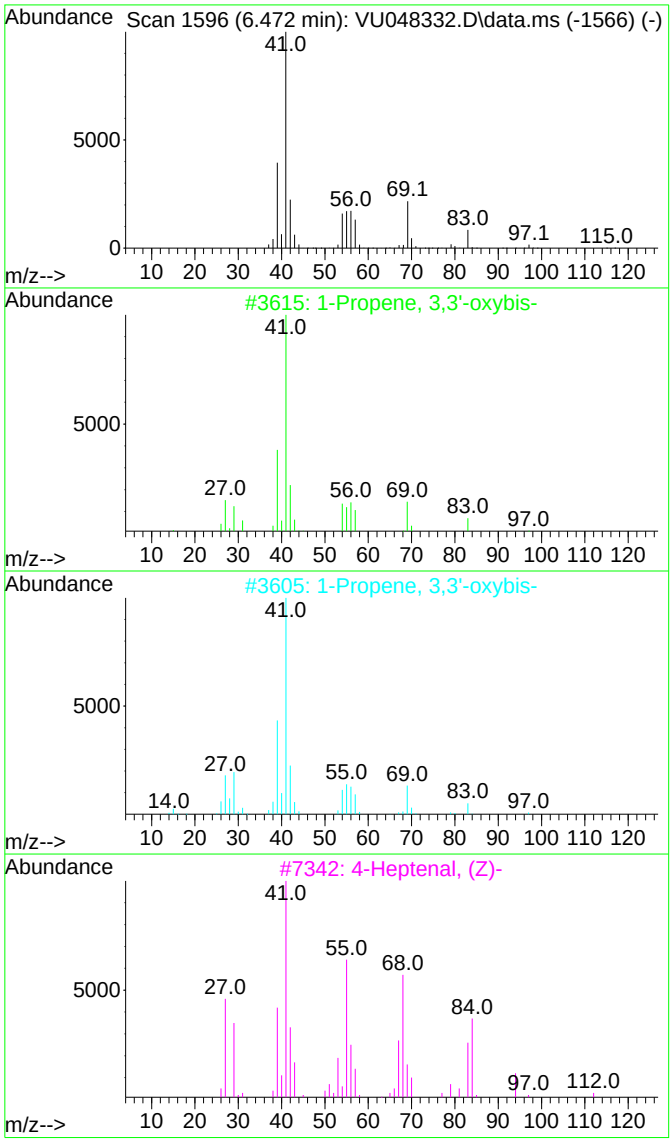
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

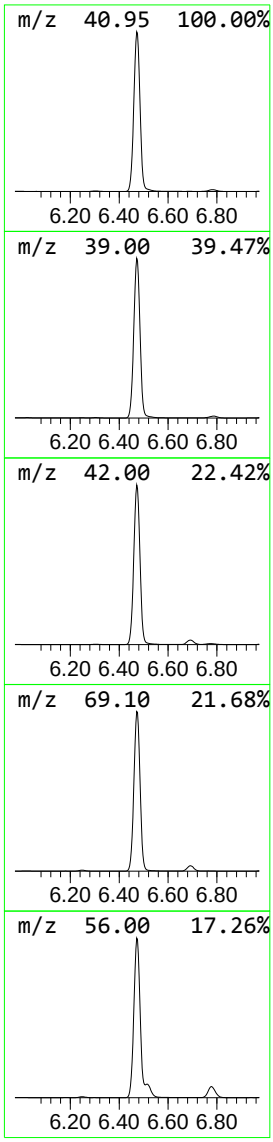
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1-Propene, 3,3'-oxybis- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.472	1141.29 ug/L	19368800	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	83
2	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	83
3	4-Heptenal, (Z)-	112	C7H12O	006728-31-0	56
4	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	53
5	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

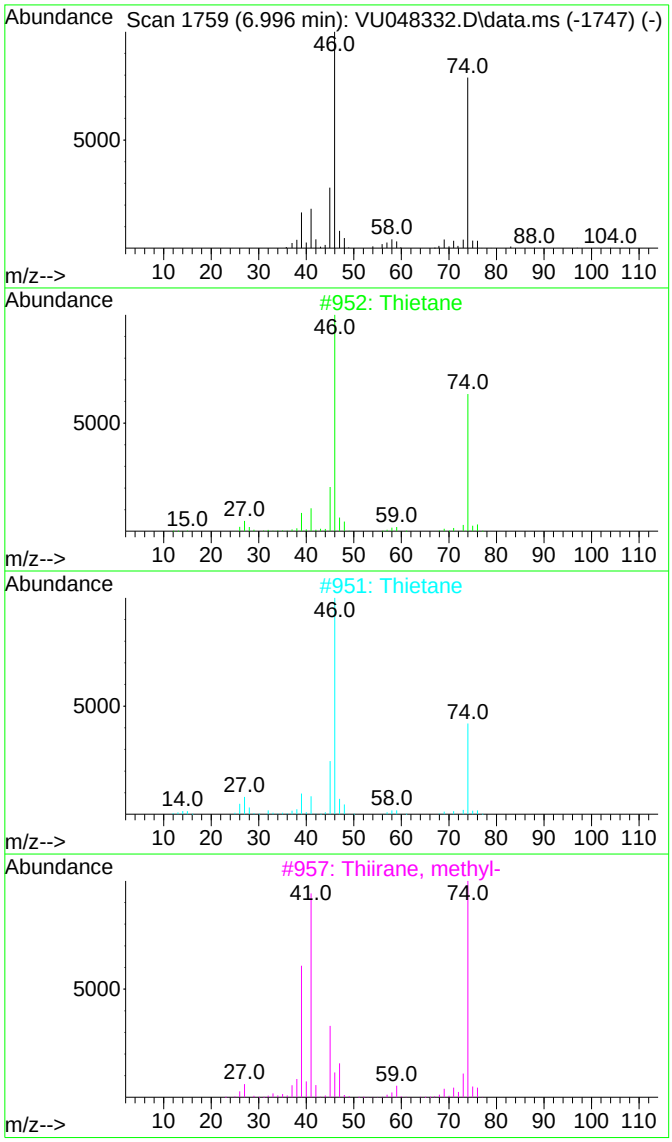
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

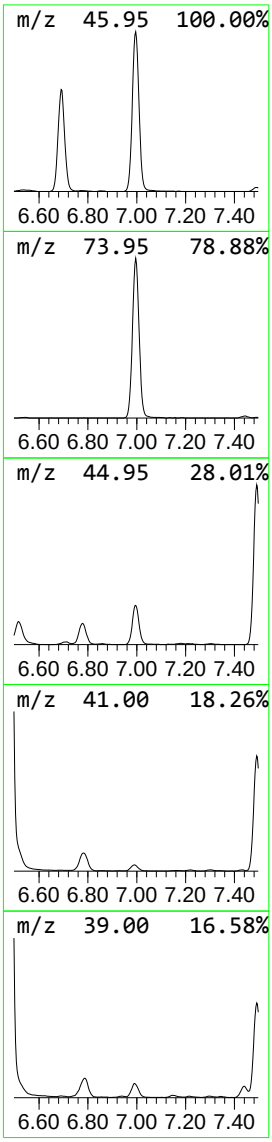
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Thietane Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.996	24.16 ug/L	410077	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thietane	74	C3H6S	000287-27-4	91
2	Thietane	74	C3H6S	000287-27-4	90
3	Thiirane, methyl-	74	C3H6S	001072-43-1	25
4	Allyl mercaptan	74	C3H6S	000870-23-5	25
5	1,3-Propanediol, 2-methyl-2-nitr...	225	C4H7N3O8	004055-94-1	16





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

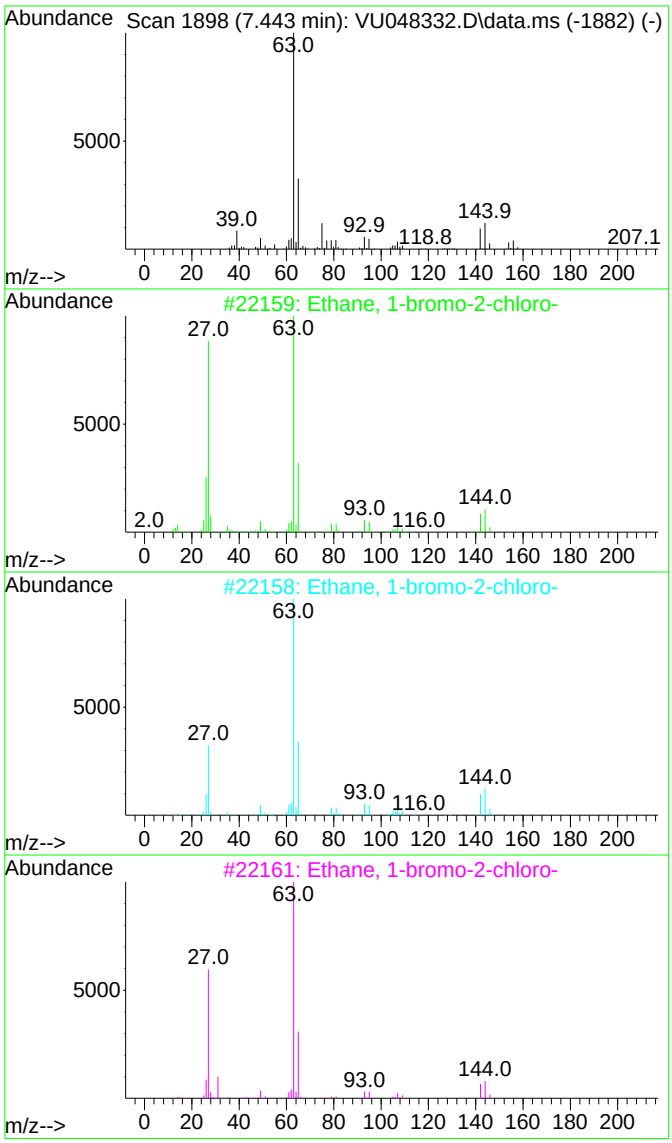
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

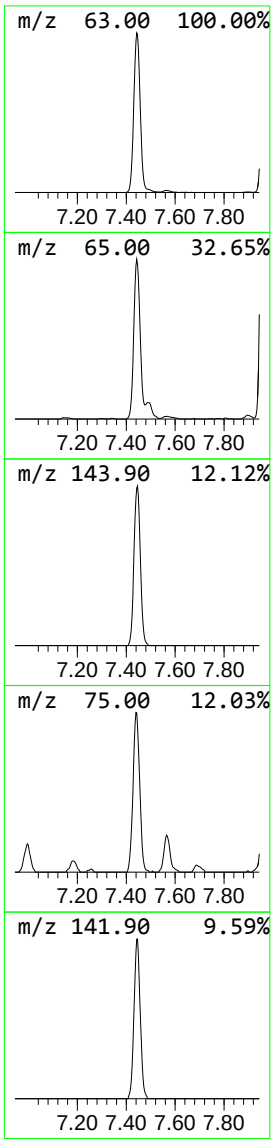
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Ethane, 1-bromo-2-chloro- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.443	31.36 ug/L	532181	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1-bromo-2-chloro-	142	C2H4BrCl	000107-04-0	94
2	Ethane, 1-bromo-2-chloro-	142	C2H4BrCl	000107-04-0	94
3	Ethane, 1-bromo-2-chloro-	142	C2H4BrCl	000107-04-0	91
4	Ethane, 1-bromo-2-chloro-	142	C2H4BrCl	000107-04-0	91
5	Ethane, 1-bromo-2-chloro-	142	C2H4BrCl	000107-04-0	91





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Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

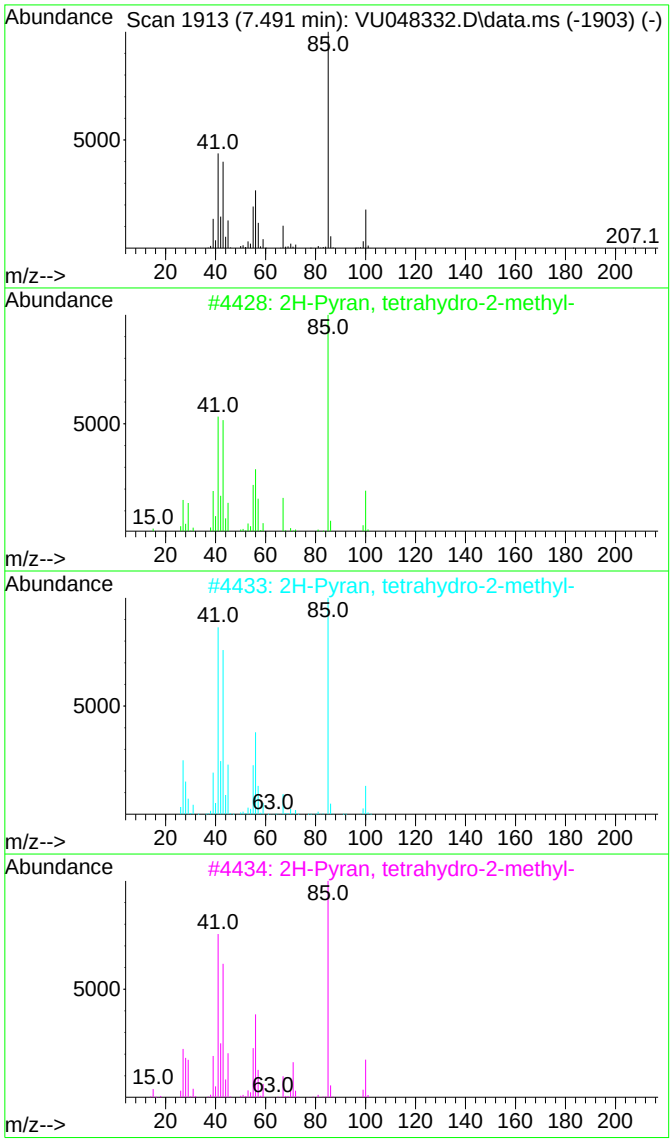
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

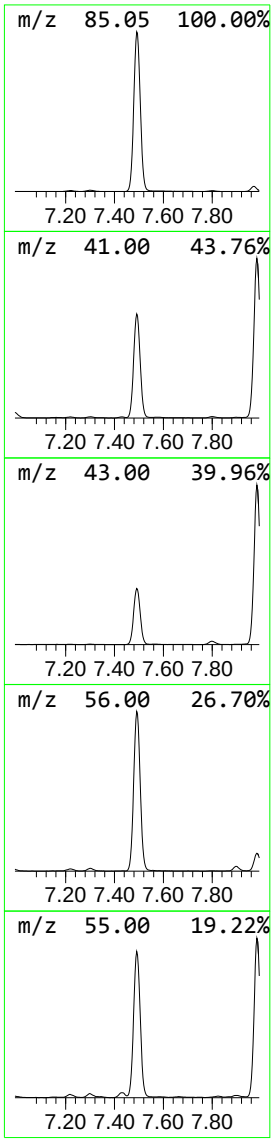
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.491	236.20 ug/L	4008470	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	93
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	91
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	90
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	87
5	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

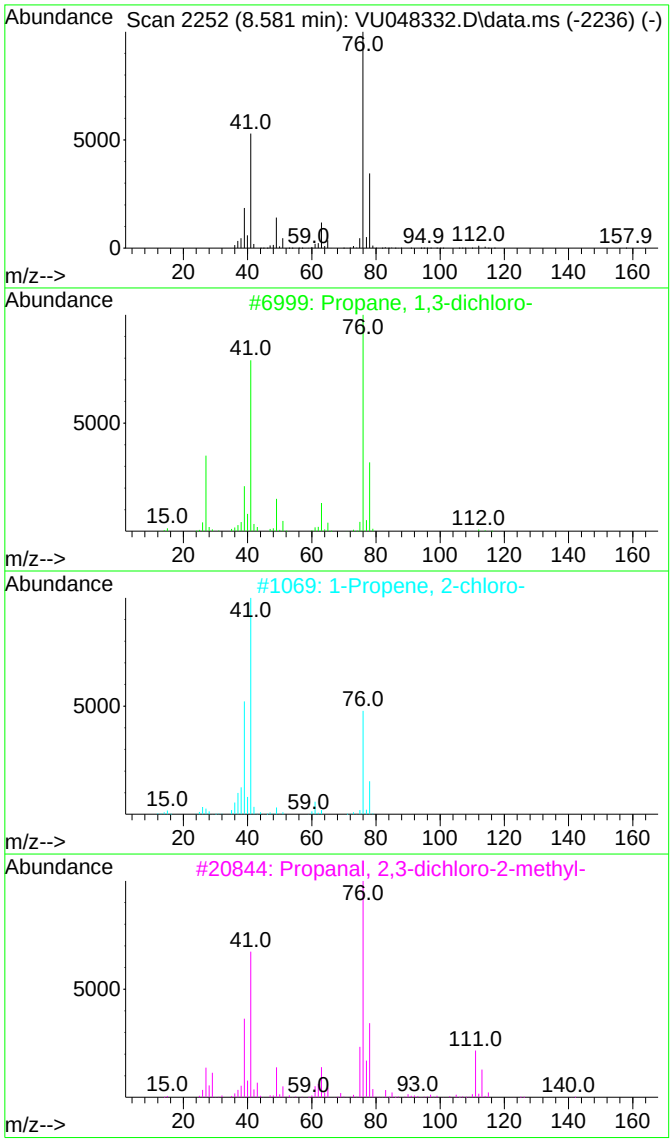
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

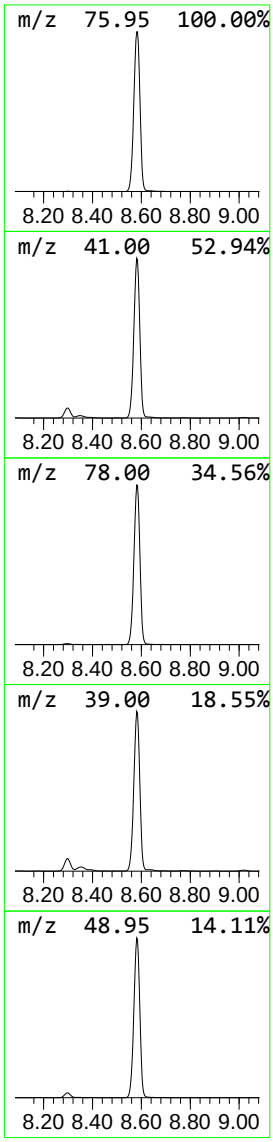
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Propane, 1,3-dichloro- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.581	28.49 ug/L	40545600	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	91
2	1-Propene, 2-chloro-	76	C3H5Cl	000557-98-2	83
3	Propanal, 2,3-dichloro-2-methyl-	140	C4H6Cl2O	010141-22-7	74
4	Carbonochloridic acid, 3-chlorop...	156	C4H6Cl2O2	000628-11-5	43
5	3-Chloropropyl formate	122	C4H7ClO2	001487-44-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

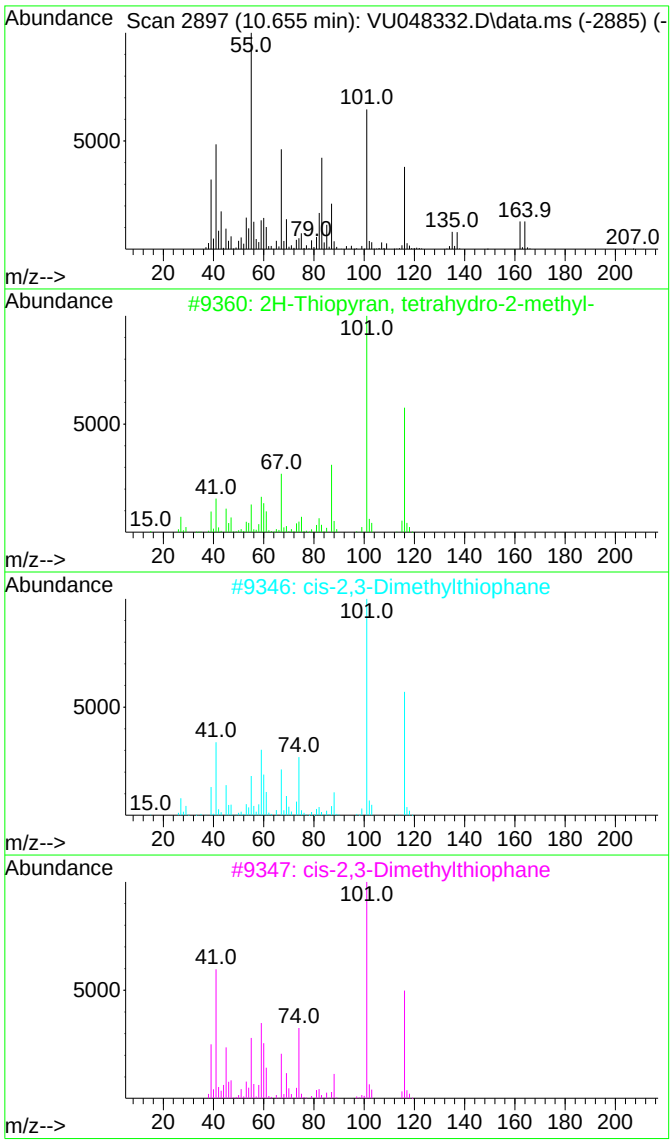
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

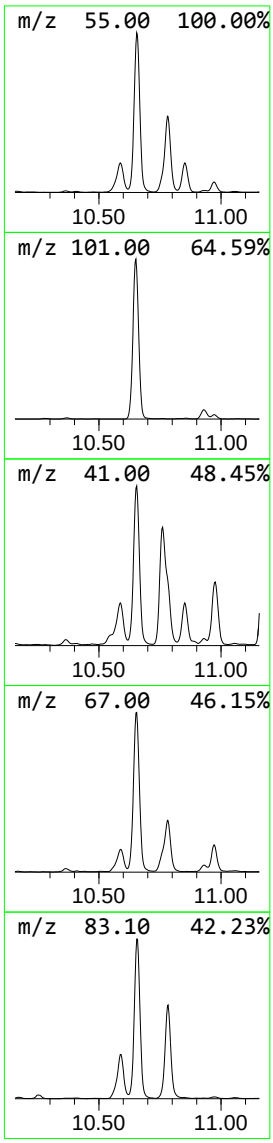
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2H-Thiopyran, tetrahydro-2-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.655	123.52 ug/L	4191820	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	95
2	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	41
3	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	38
4	Succinic acid, cis-hex-3-enyl pr...	242	C13H22O4	1000353-40-4	38
5	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

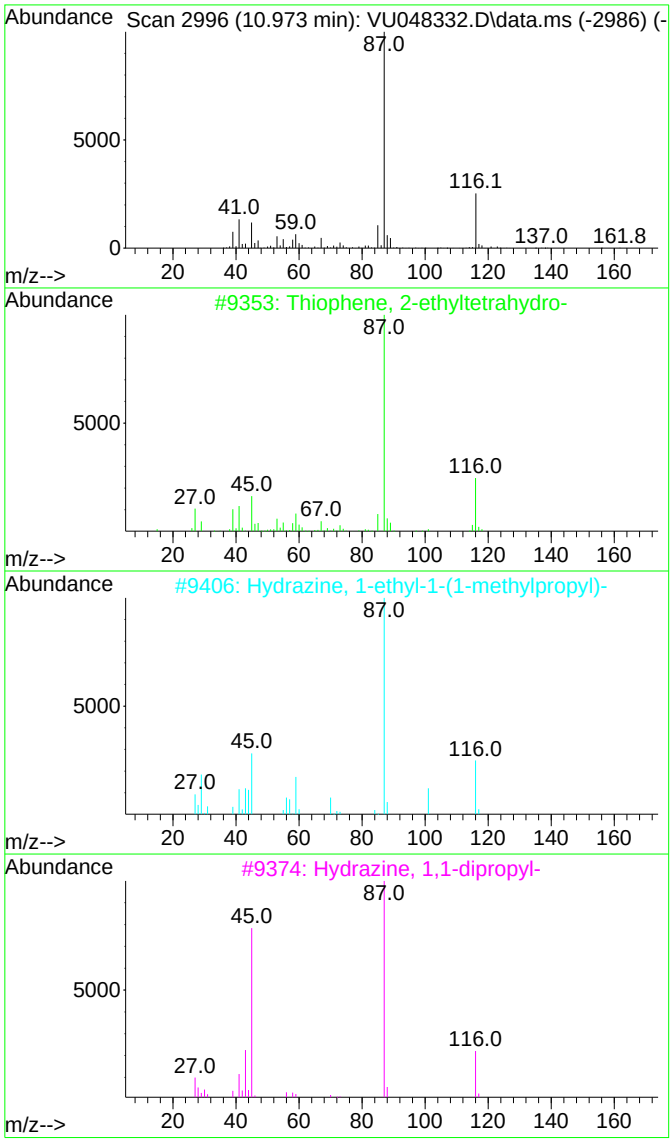
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

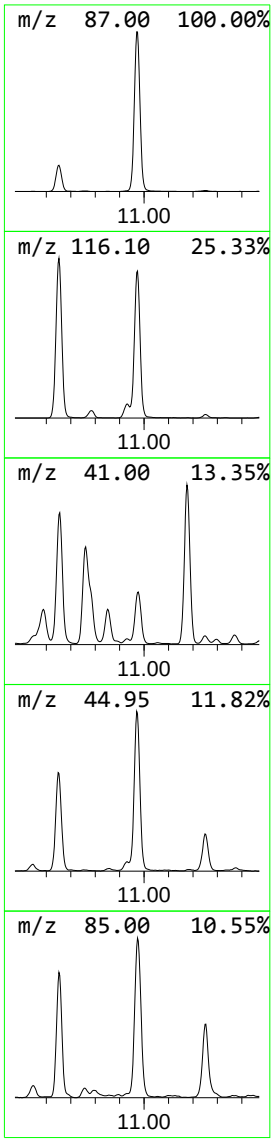
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Thiophene, 2-ethyltetrahydro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.973	62.23 ug/L	2111800	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	91
2	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	72
3	Hydrazine, 1,1-dipropyl-	116	C6H16N2	004986-50-9	59
4	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	45
5	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

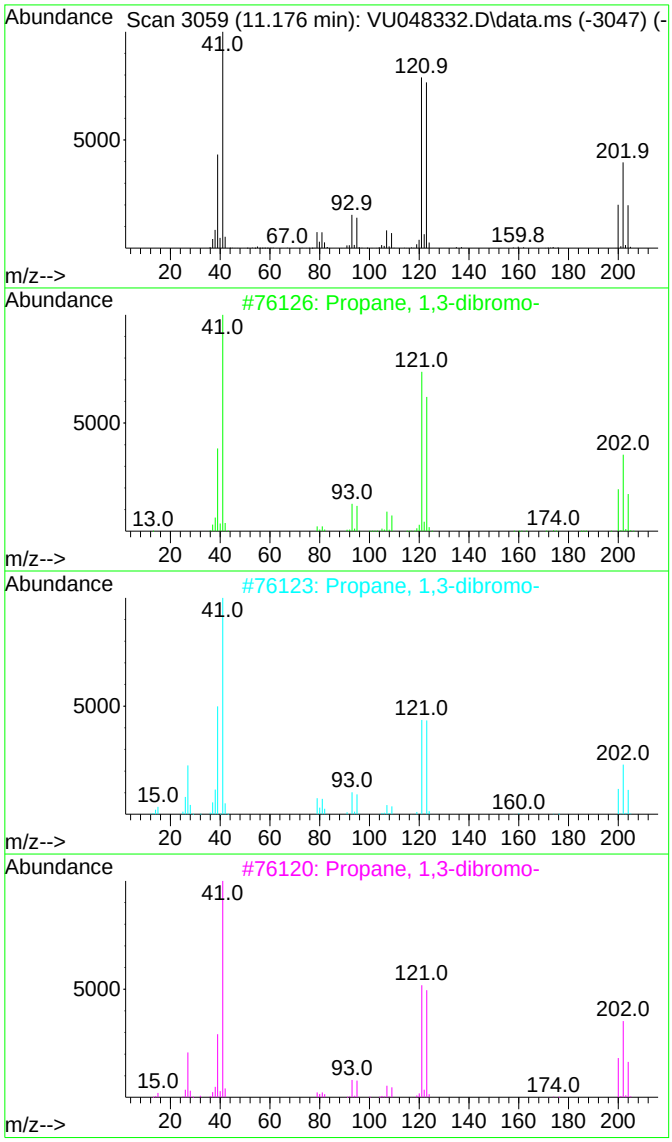
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

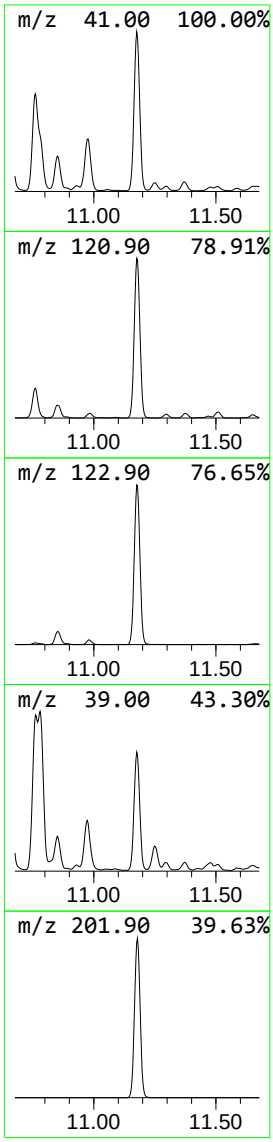
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Propane, 1,3-dibromo- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.176	48.98 ug/L	1662190	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,3-dibromo-	200	C3H6Br2	000109-64-8	98
2	Propane, 1,3-dibromo-	200	C3H6Br2	000109-64-8	97
3	Propane, 1,3-dibromo-	200	C3H6Br2	000109-64-8	95
4	Propane, 1,3-dibromo-	200	C3H6Br2	000109-64-8	94
5	Propane, 1,2-dibromo-	200	C3H6Br2	000078-75-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

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

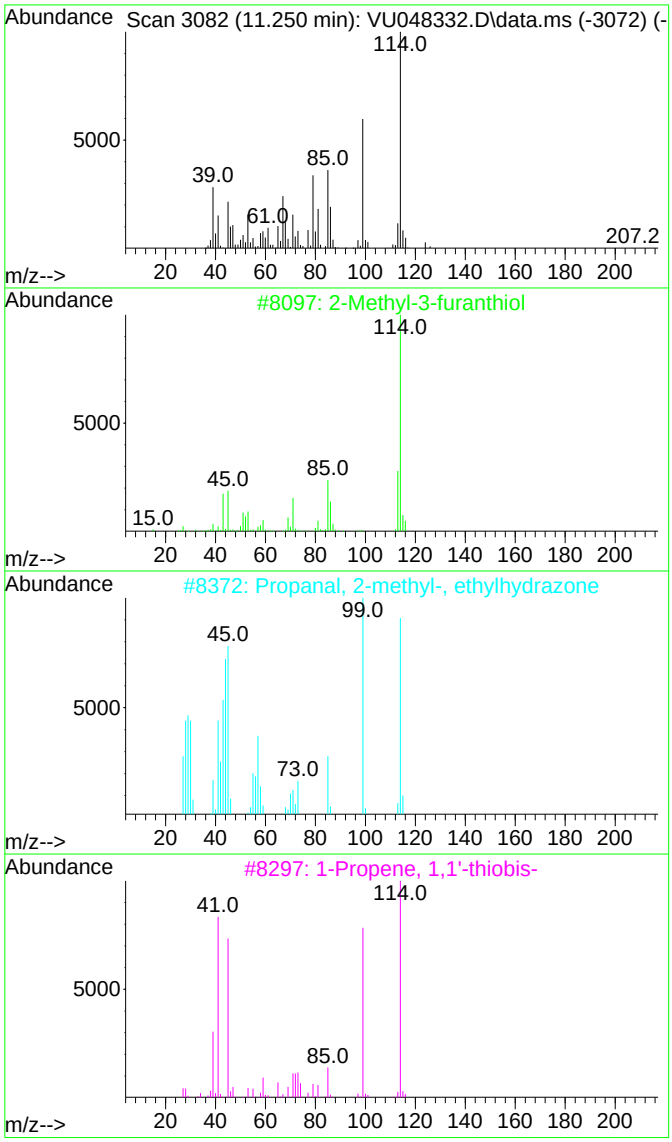
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

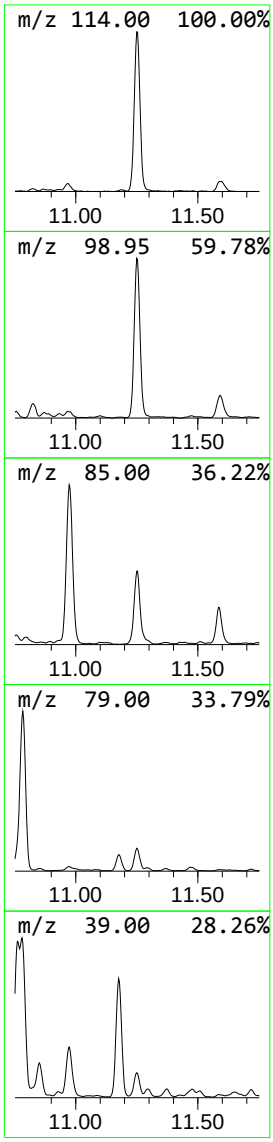
****

Peak Number 24 unknown-01 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.250	18.33 ug/L	621905	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3-furanthiol	114	C5H6OS	028588-74-1	43
2	Propanal, 2-methyl-, ethylhydrazone	114	C6H14N2	020607-77-6	43
3	1-Propene, 1,1'-thiobis-	114	C6H10S	033922-80-4	43
4	2-Methyl-3-furanthiol	114	C5H6OS	028588-74-1	38
5	Thiophene, 3-methoxy-	114	C5H6OS	017573-92-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

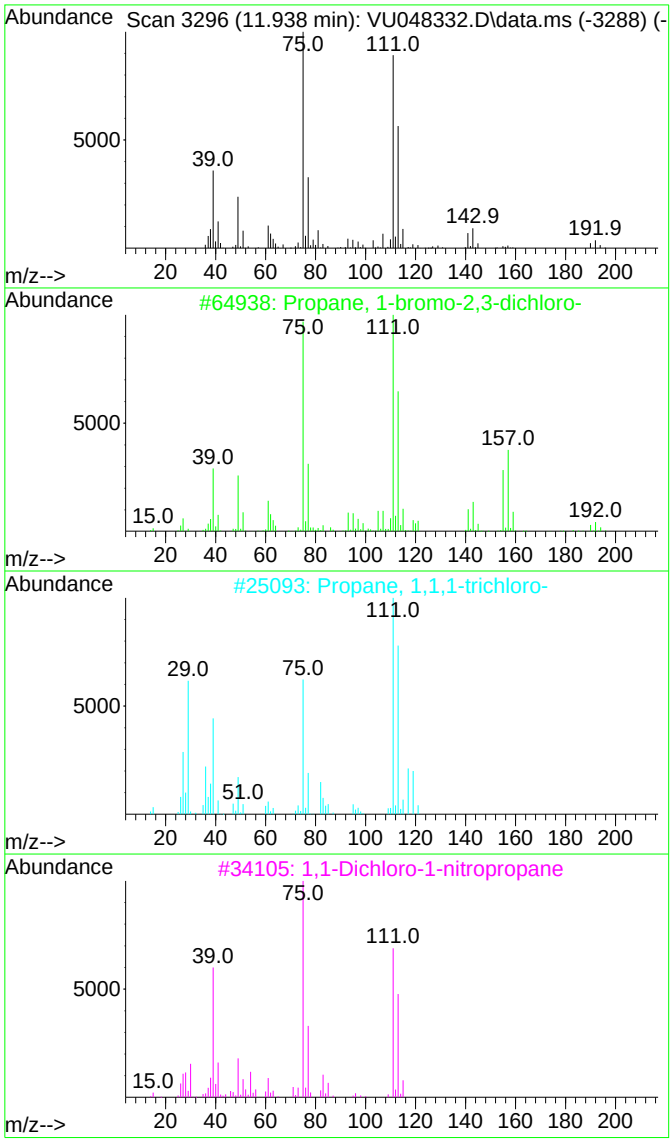
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

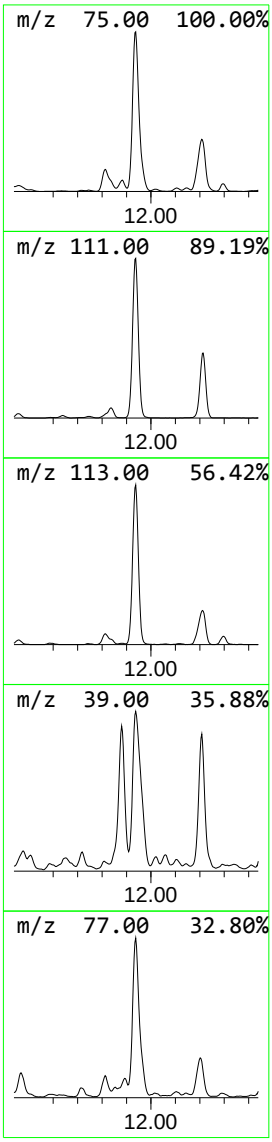
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Propane, 1-bromo-2,3-dichloro- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.938	48.82 ug/L	1656840	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-bromo-2,3-dichloro-	190	C3H5BrCl2	033037-07-9	91
2	Propane, 1,1,1-trichloro-	146	C3H5Cl3	007789-89-1	64
3	1,1-Dichloro-1-nitropropane	157	C3H5Cl2NO2	1000370-35-4	64
4	Trichloroacetic acid, 3-chloropr...	236	C5H4Cl4O2	1000299-26-3	43
5	1-Propene, 1,3-dichloro-, (Z)-	110	C3H4Cl2	010061-01-5	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

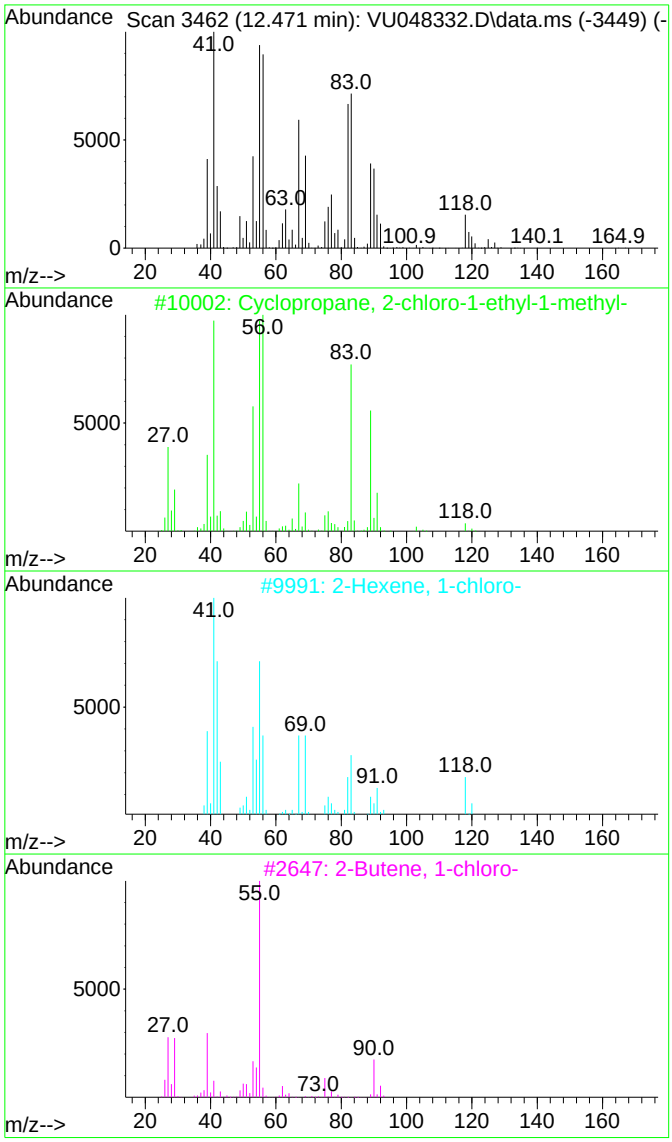
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

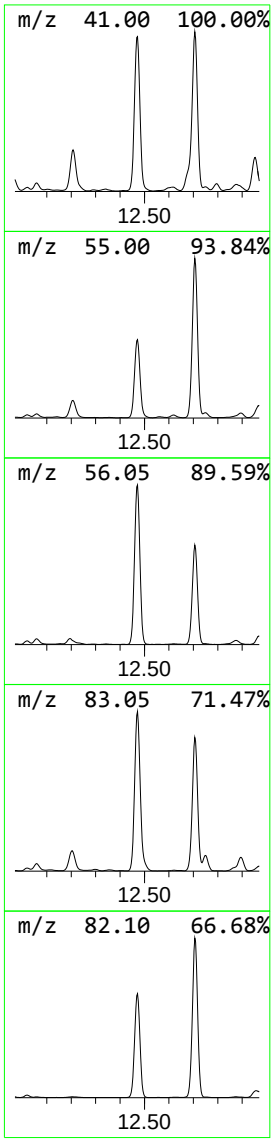
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Cyclopropane, 2-chloro-1-et... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.471	155.91 ug/L	5290740	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 2-chloro-1-ethyl-1...	118	C6H11Cl	343926-09-0	53
2	2-Hexene, 1-chloro-	118	C6H11Cl	035911-16-1	38
3	2-Butene, 1-chloro-	90	C4H7Cl	000591-97-9	35
4	1-Butyne, 3-methyl-	68	C5H8	000598-23-2	27
5	Furan, 3-methyl-	82	C5H6O	000930-27-8	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

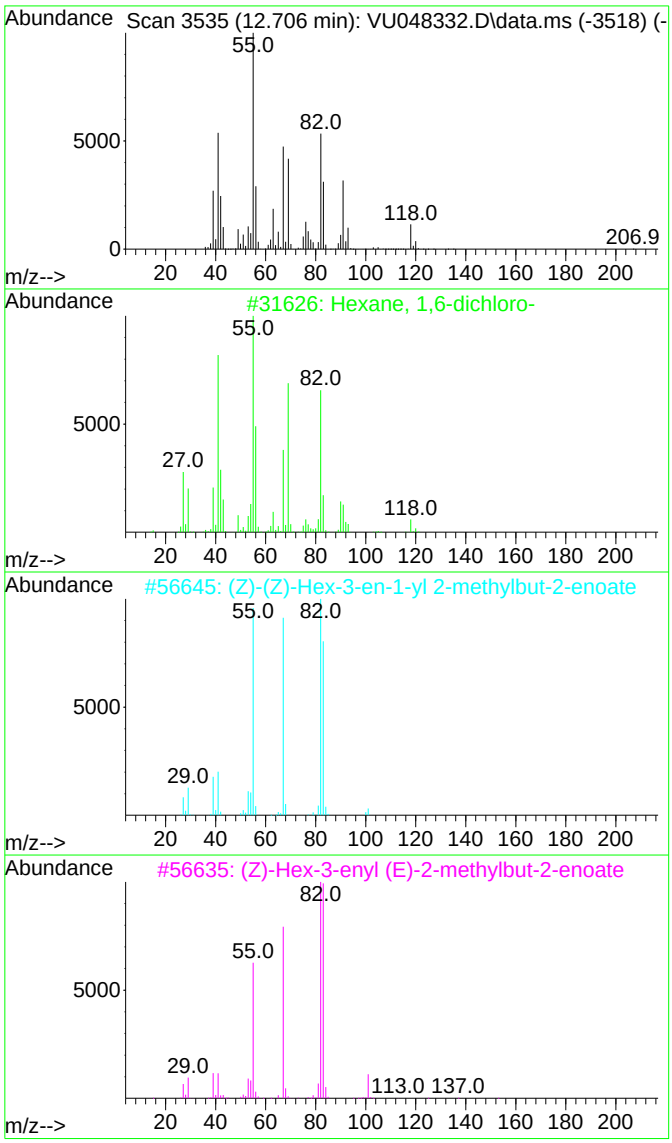
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

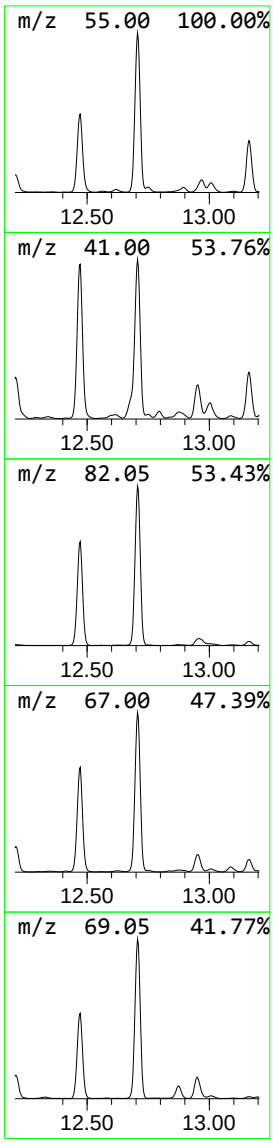
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.706	182.65 ug/L	6198210	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	45
2	(Z)-(Z)-Hex-3-en-1-yl 2-methylbu...	182	C11H18O2	084060-80-0	35
3	(Z)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	067883-79-8	35
4	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	33
5	Succinic acid, trans-hex-3-enyl ...	382	C23H42O4	1000353-43-6	28





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Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

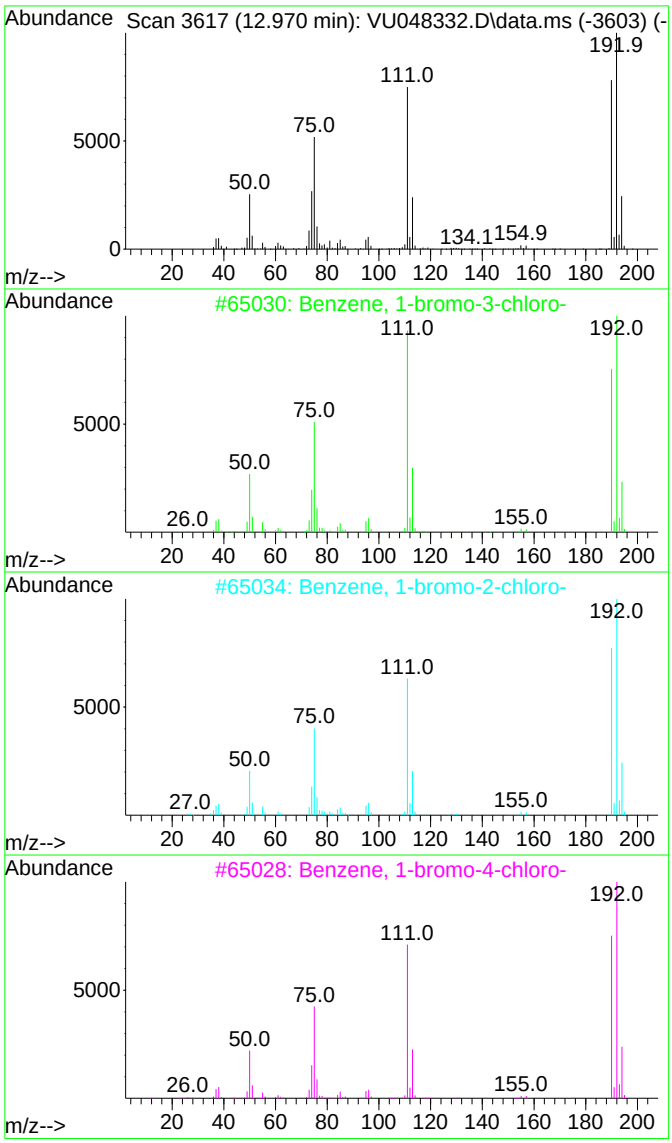
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

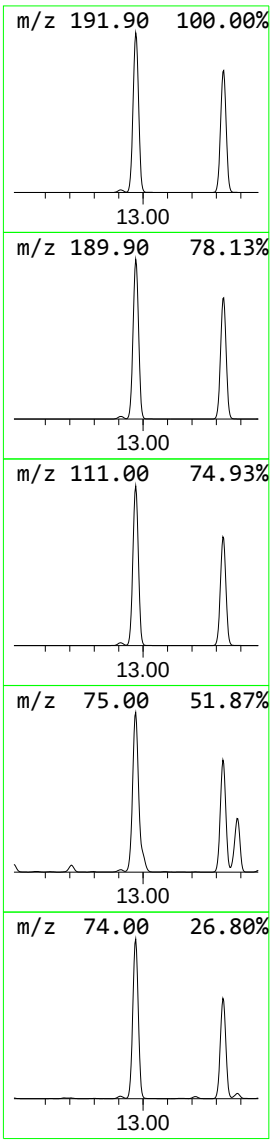
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzene, 1-bromo-3-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.970	475.36 ug/L	16131800	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-2-chloro-	190	C6H4BrCl	000694-80-4	98
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98





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Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

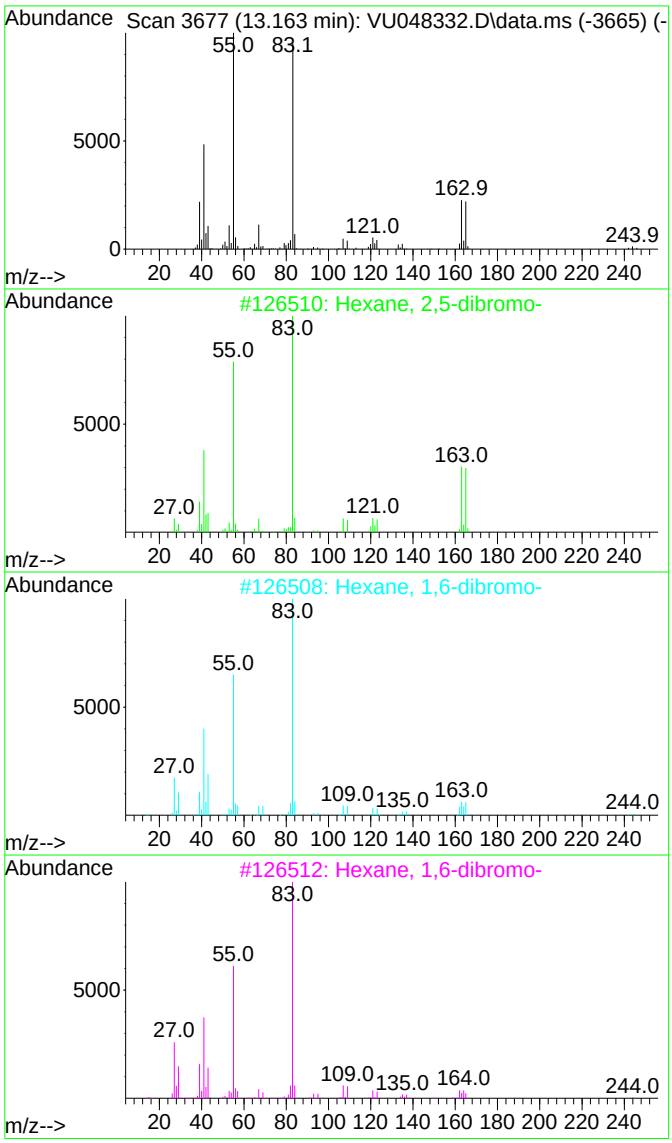
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

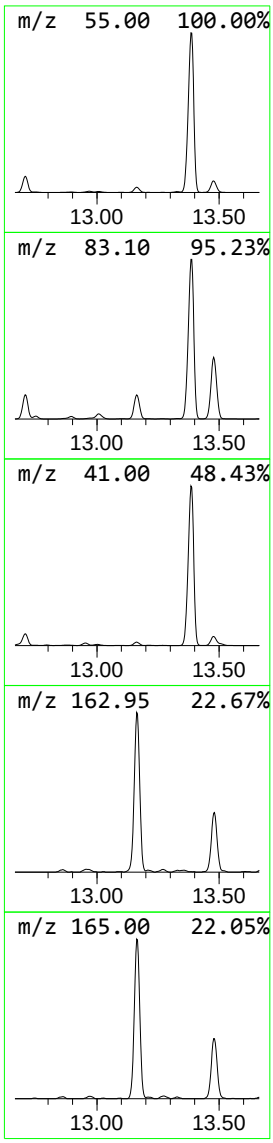
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Hexane, 2,5-dibromo- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	43.06 ug/L	1461300	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, 1,6-dibromo-	242	C6H12Br2	000629-03-8	64
3	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	53
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	47
5	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	47





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Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

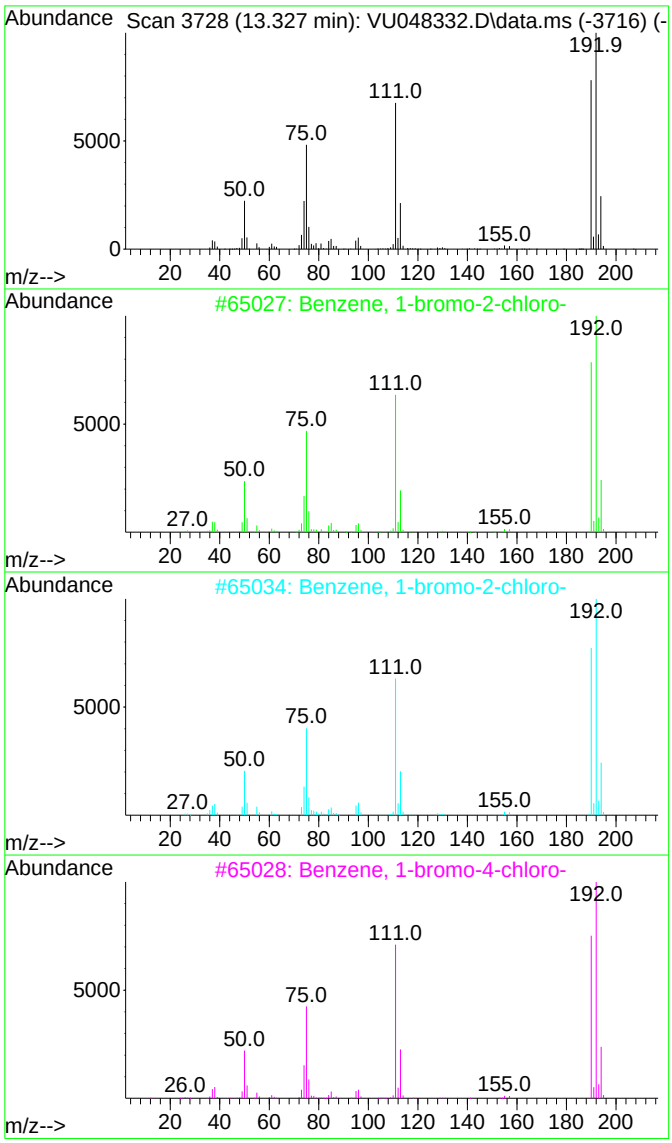
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

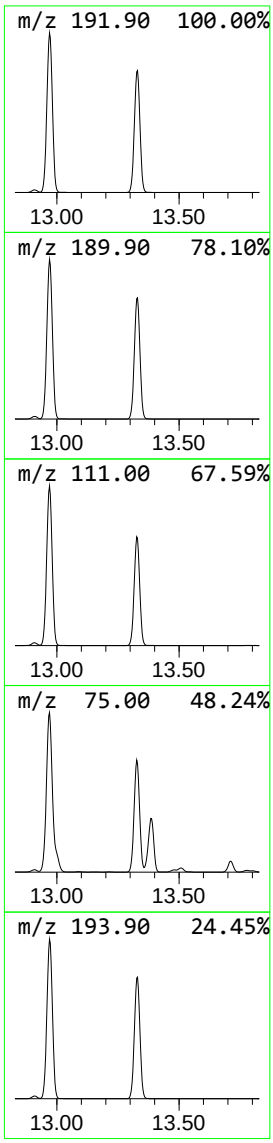
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, 1-bromo-2-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.327	295.06 ug/L	10013100	1,4-Dichlorobenzene-d4	11.812

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

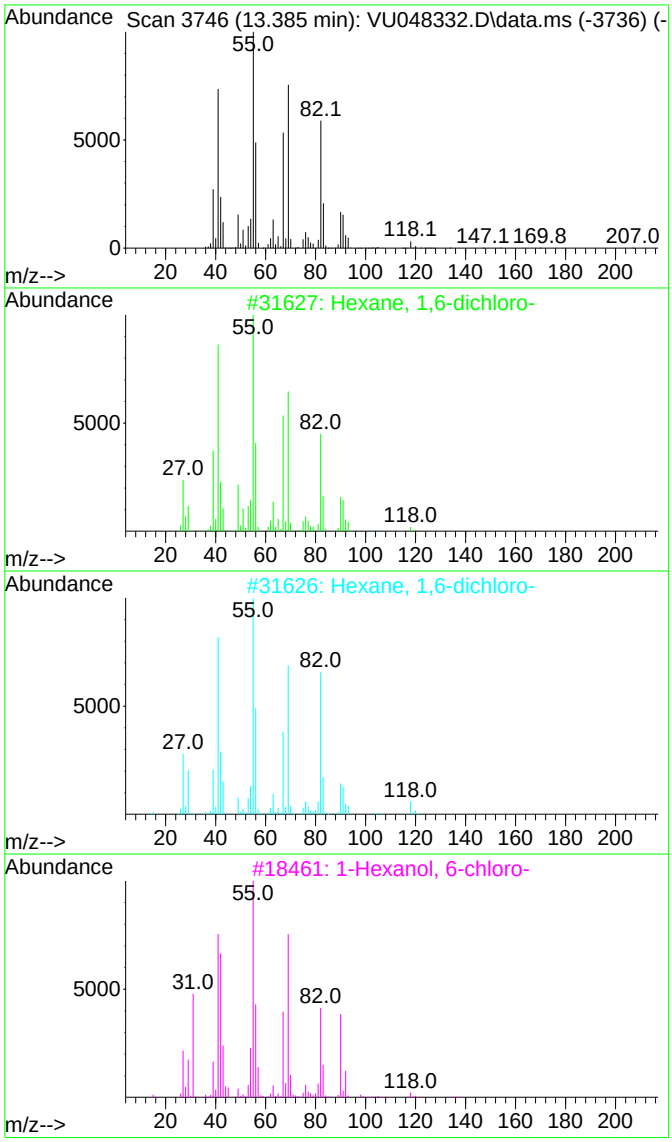
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

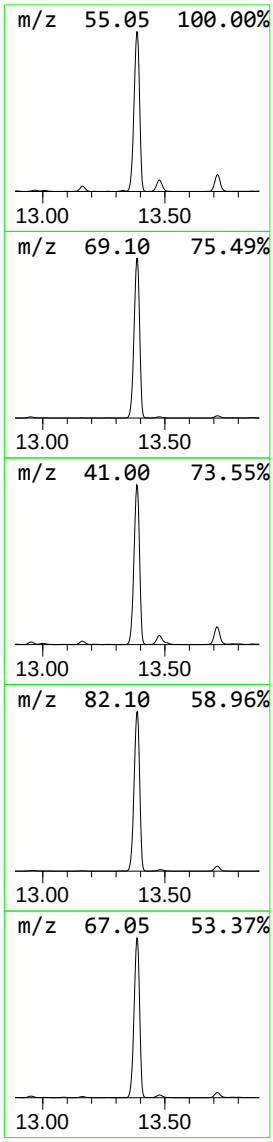
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Hexane, 1,6-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.385	1946.86 ug/L	66068200	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	90
2	Hexane, 1,6-dichloro-	154	C6H12Cl2	002163-00-0	86
3	1-Hexanol, 6-chloro-	136	C6H13ClO	002009-83-8	56
4	cis-3-Hexenyl crotonate	168	C10H16O2	1000429-17-4	38
5	2-Butenoic acid, 3-hexenyl ester...	168	C10H16O2	065405-80-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

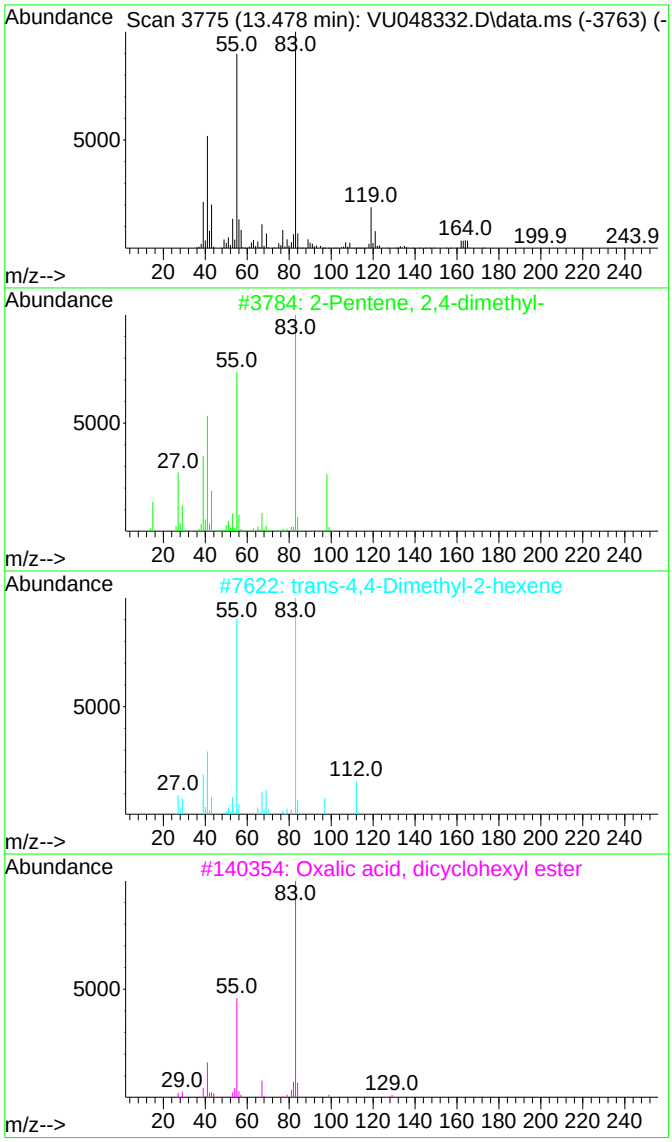
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

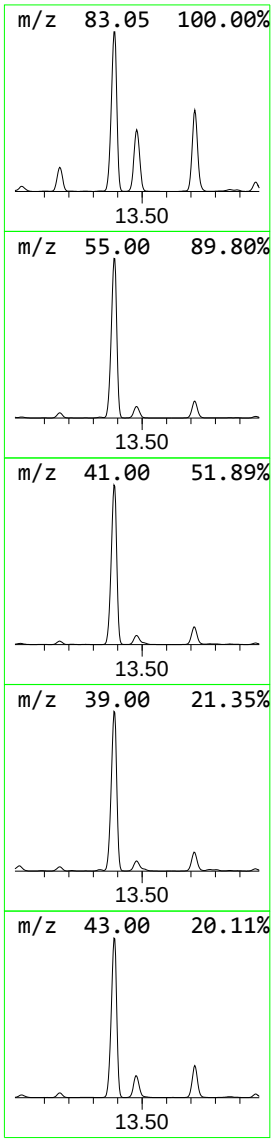
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.478	137.21 ug/L	4656140	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	53
2	trans-4,4-Dimethyl-2-hexene	112	C8H16	019550-83-5	53
3	Oxalic acid, dicyclohexyl ester	254	C14H22O4	1000309-30-9	53
4	2H-Pyran-2-carboxaldehyde, 5,6-d...	112	C6H8O2	053897-26-0	53
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

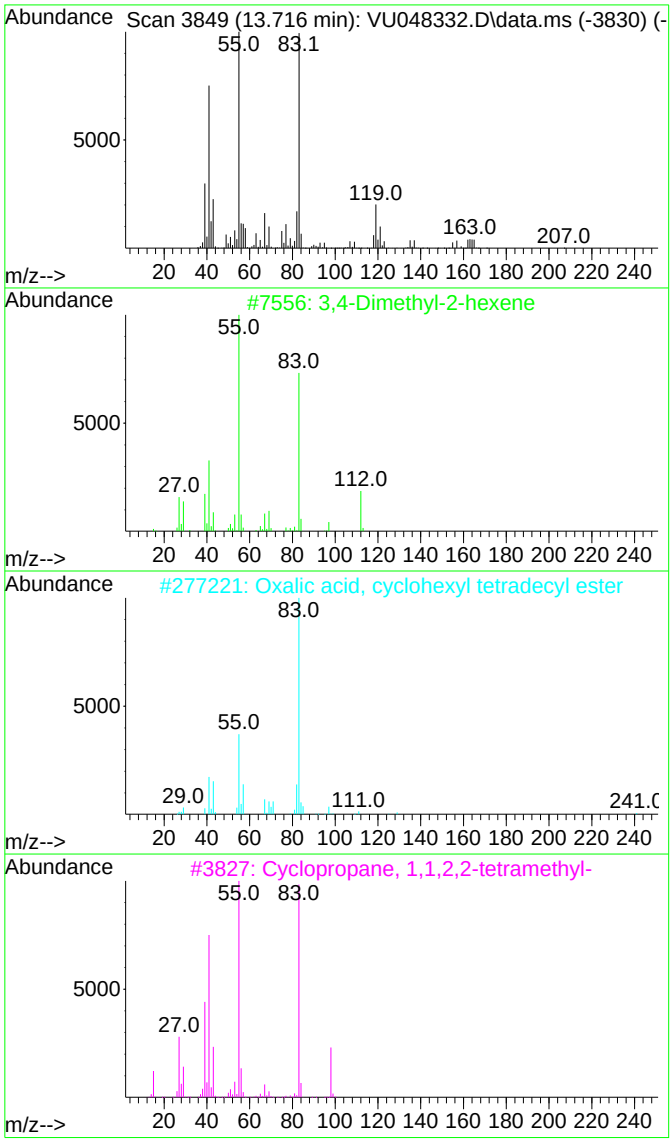
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

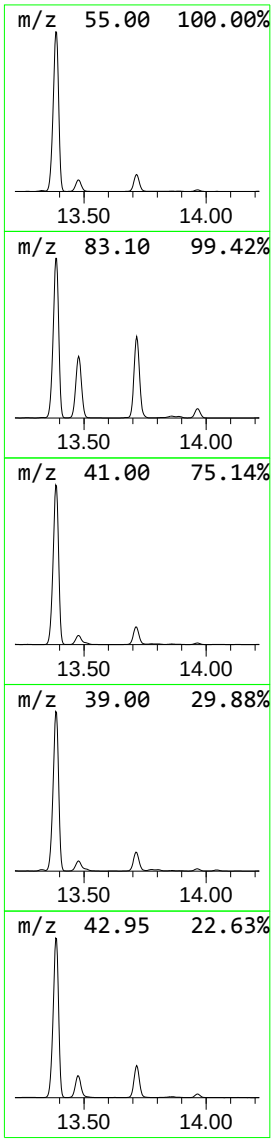
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	197.61 ug/L	6705930	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	47
2	Oxalic acid, cyclohexyl tetradec...	368	C22H40O4	1000309-31-5	47
3	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	47
4	5-Bromo-2-methyl-2-pentene	162	C6H11Br	002270-59-9	47
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

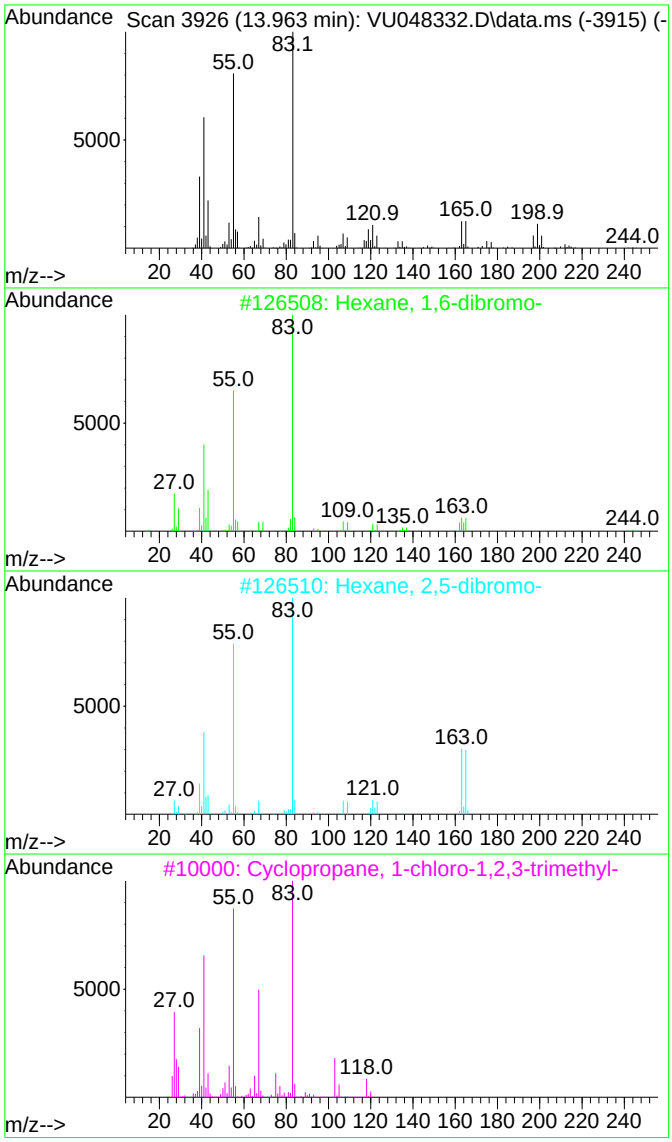
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

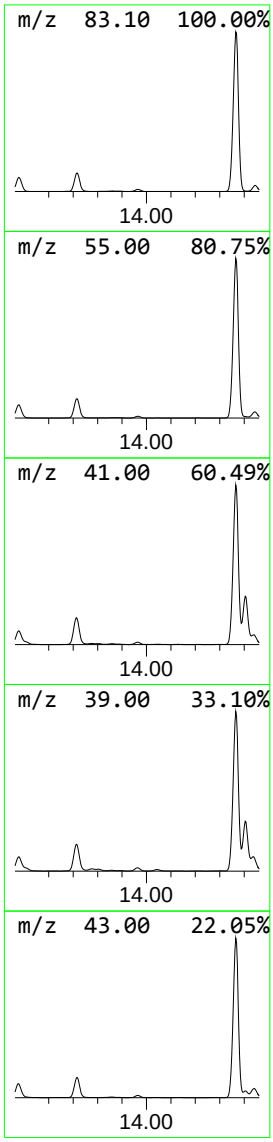
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Cyclopropane, 1-chloro-1,2,... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.963	18.91 ug/L	641690	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	72
2	Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	64
3	Cyclopropane, 1-chloro-1,2,3-tri...	118	C6H11Cl	061177-20-6	52
4	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	50
5	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

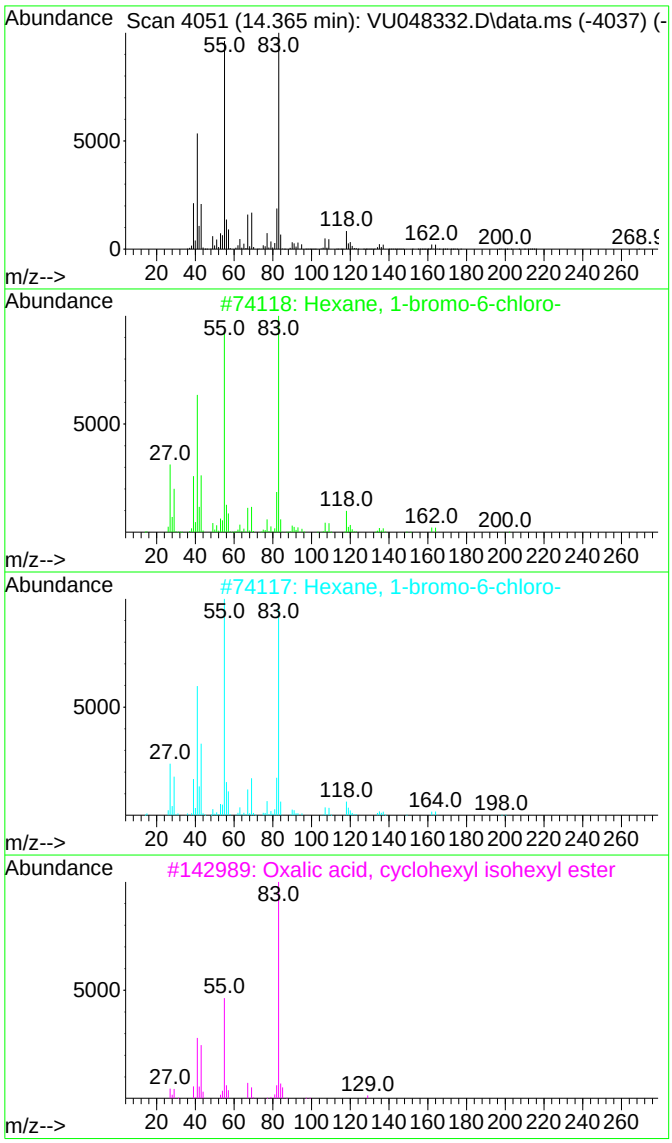
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

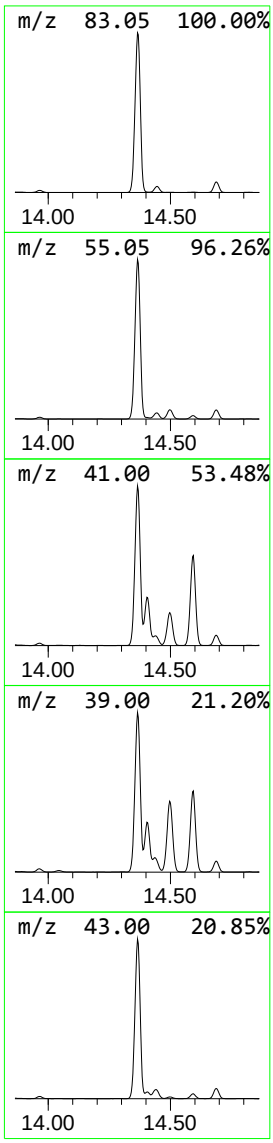
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Hexane, 1-bromo-6-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.365	1287.15 ug/L	43680500	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	97
2	Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	91
3	Oxalic acid, cyclohexyl isohexyl...	256	C14H24O4	1010309-30-7	72
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	64
5	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

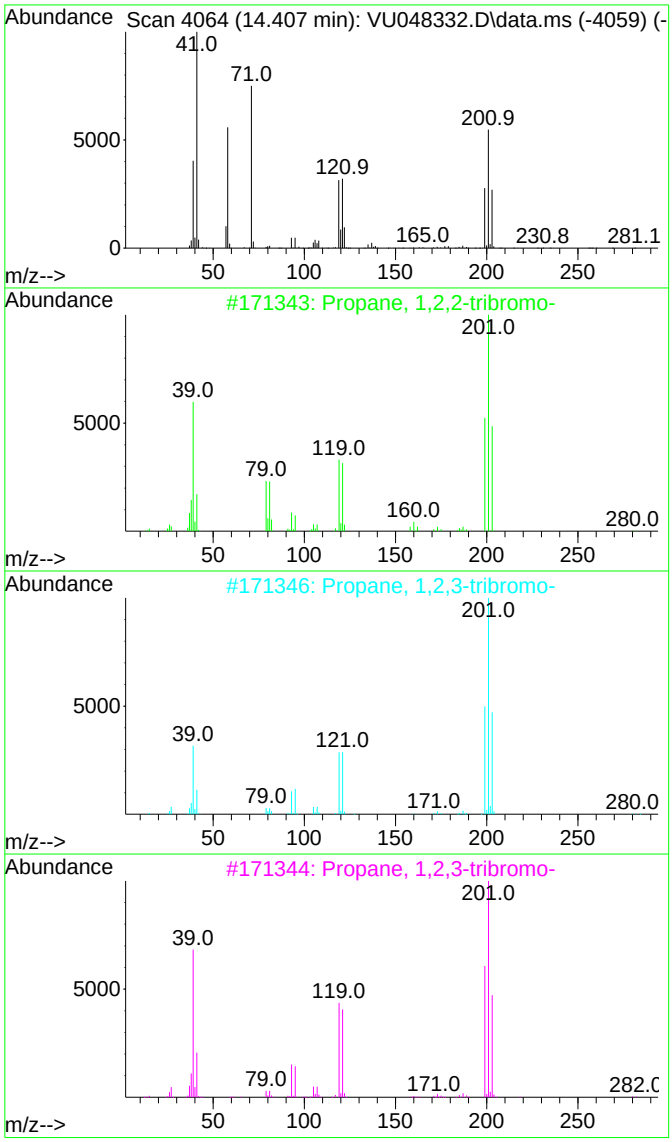
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

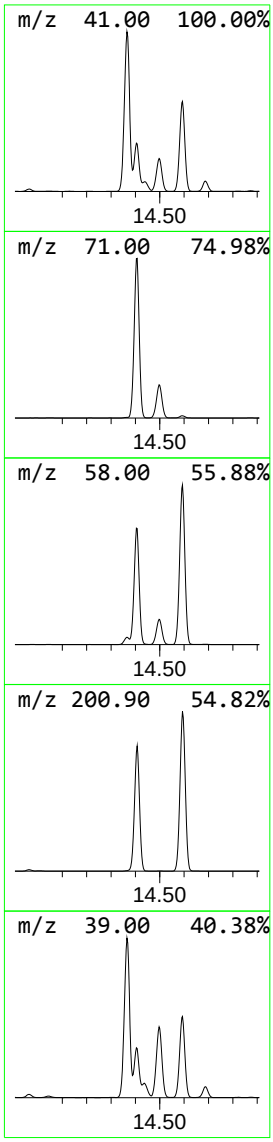
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 unknown-03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.407	189.94 ug/L	6445850	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,2,2-tribromo-	278	C3H5Br3	014476-30-3	32
2	Propane, 1,2,3-tribromo-	278	C3H5Br3	000096-11-7	25
3	Propane, 1,2,3-tribromo-	278	C3H5Br3	000096-11-7	17
4	Butane, 1-bromo-2-methyl-	150	C5H11Br	005973-11-5	17
5	Trans-3-methylpent-3-ene-5-ol	100	C6H12O	030801-95-7	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

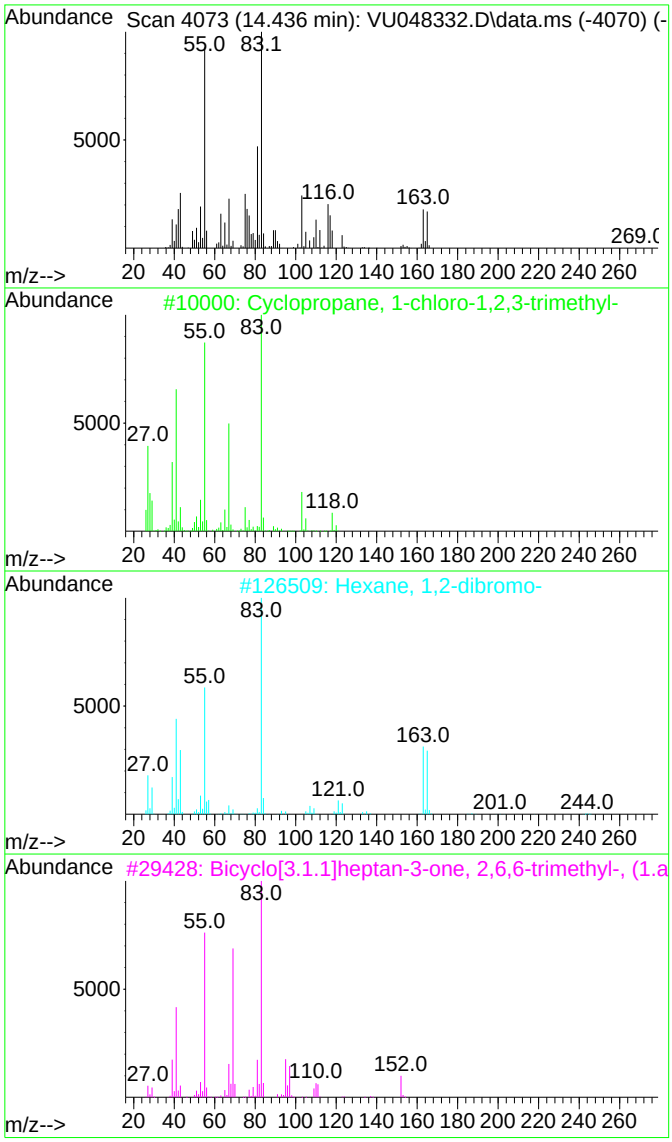
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

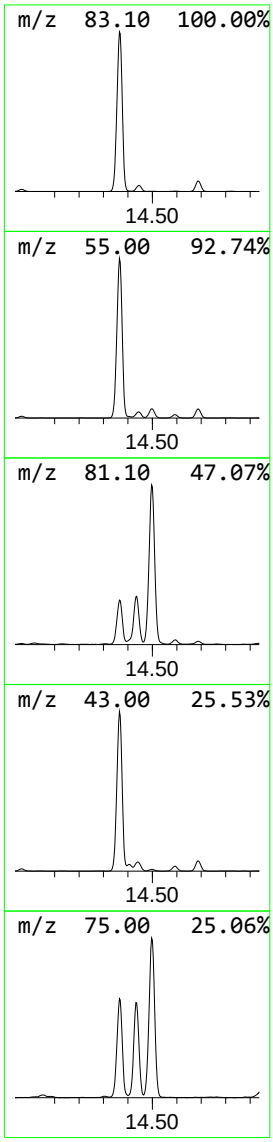
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 unknown-04 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.436	99.62 ug/L	3380650	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-chloro-1,2,3-tri...	118	C6H11Cl	061177-20-6	43
2	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	38
3	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	38
4	1-Cyclohexylethanol, pentafluoro...	274	C11H15F5O2	1000365-50-1	32
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

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

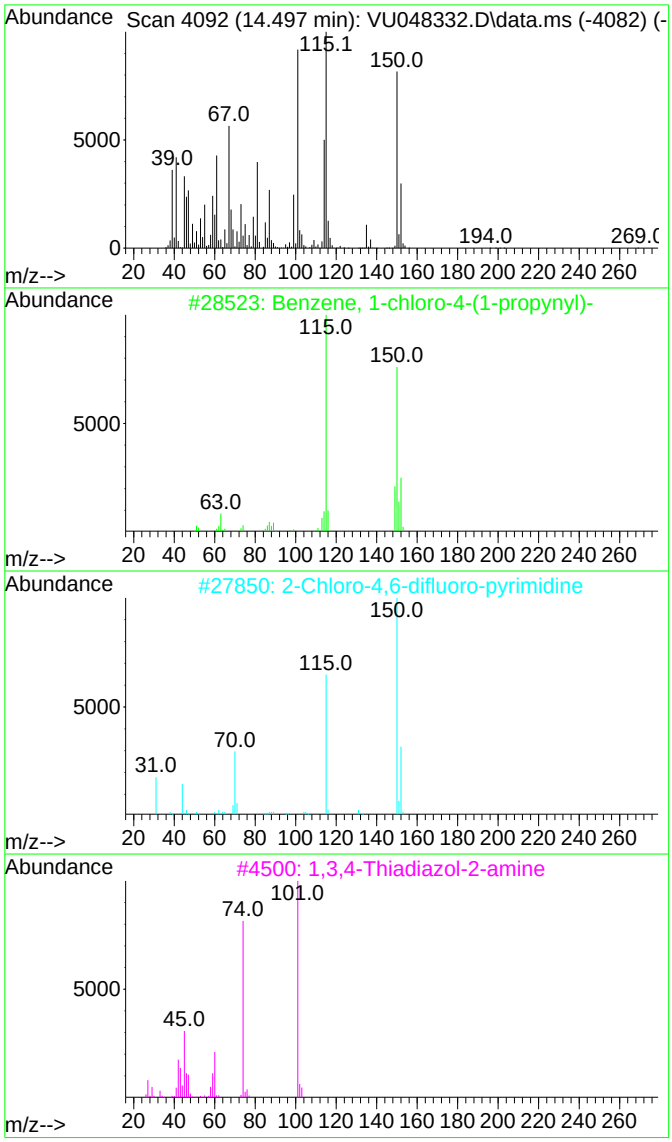
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

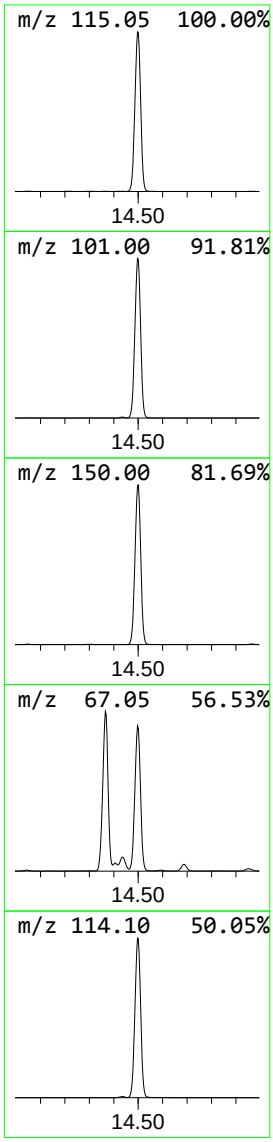
****

Peak Number 51 unknown-05 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.497	748.74 ug/L	25409000	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-(1-propynyl)-	150	C9H7Cl	002809-65-6	38
2	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	27
3	1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	11
4	Benzene, 1,2,3,4-tetrafluoro-	150	C6H2F4	000551-62-2	11
5	Imidazo[5,1-f][1,2,4]triazine-2,...	150	C5H6N6	051292-20-7	11





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

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

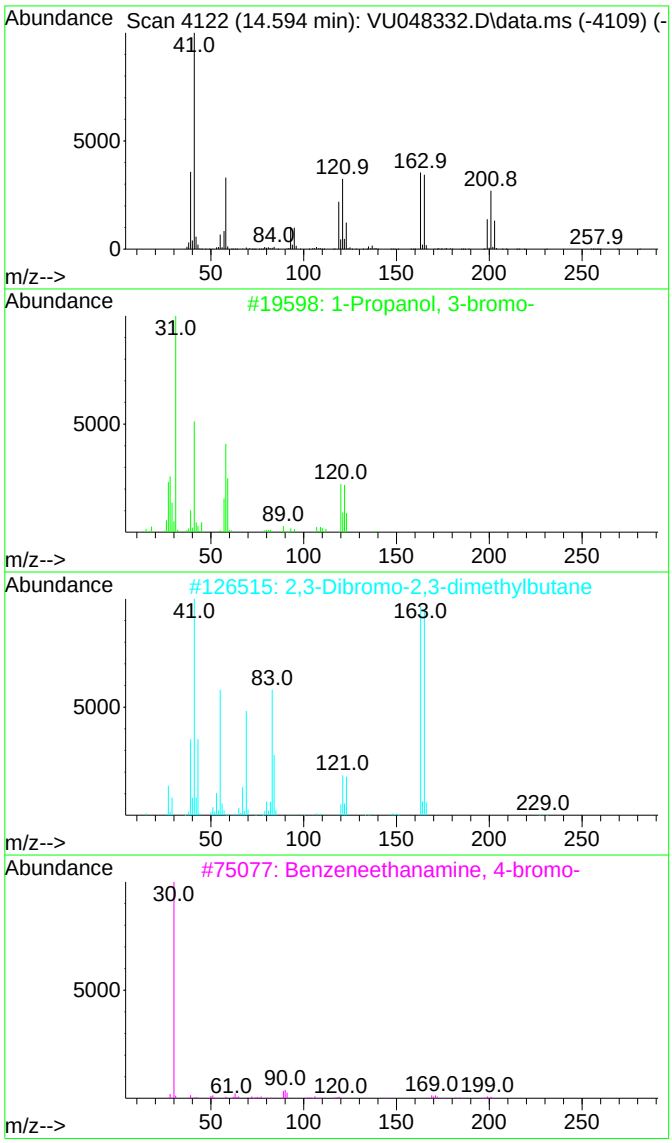
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

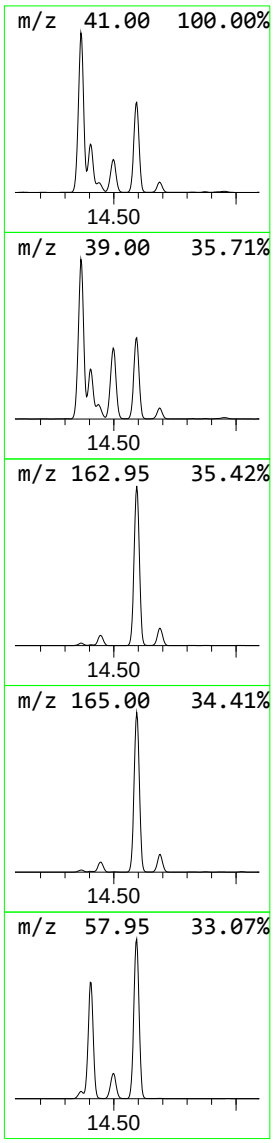
****

Peak Number 52 unknown-06 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.594	347.53 ug/L	11793600	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 3-bromo-	138	C3H7BrO	000627-18-9	4
2	2,3-Dibromo-2,3-dimethylbutane	242	C6H12Br2	000594-81-0	4
3	Benzeneethanamine, 4-bromo-	199	C8H10BrN	073918-56-6	2
4	Benzofurazan, 4-chloro-7-nitro-	199	C6H2ClN3O3	010199-89-0	1
5	4-(Aminomethyl)-N-methylcyclohex...	170	C9H18N2O	1000459-82-8	1





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

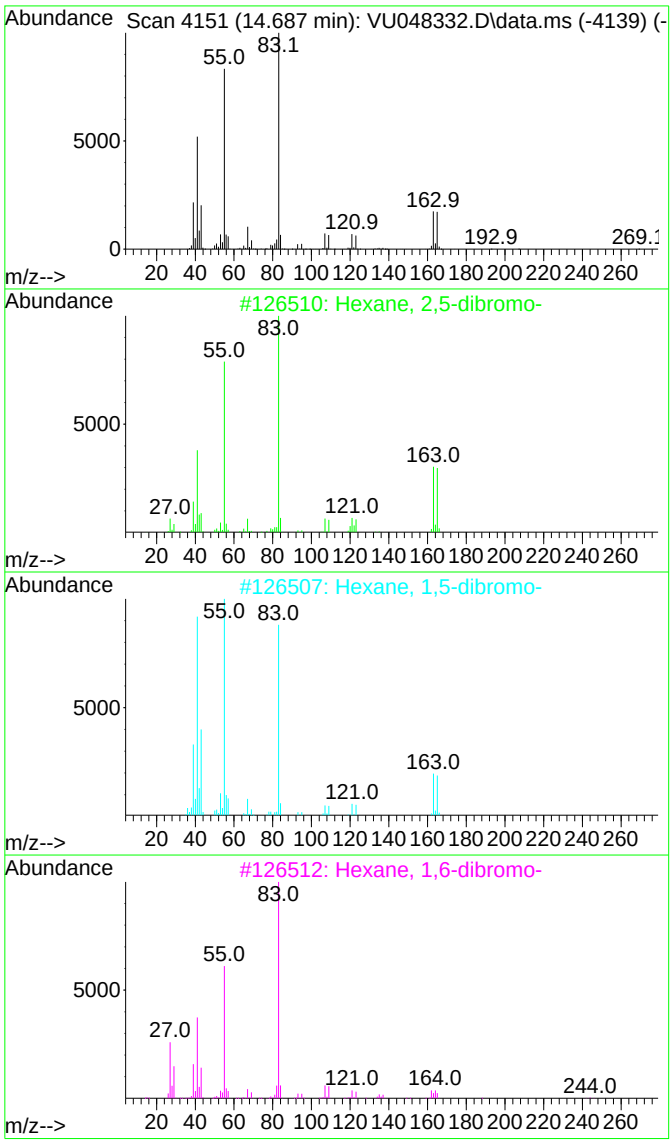
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

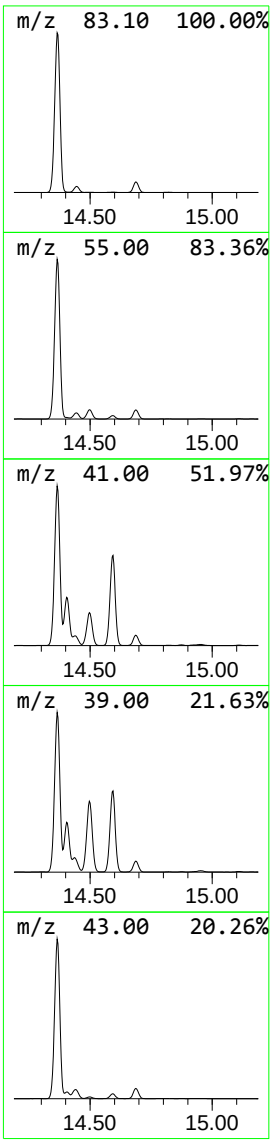
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Hexane, 1,5-dibromo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.687	73.97 ug/L	2510330	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	83
2	Hexane, 1,5-dibromo-	242	C6H12Br2	000627-96-3	78
3	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	72
4	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	59
5	Cyclohexane, nitro-	129	C6H11NO2	001122-60-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

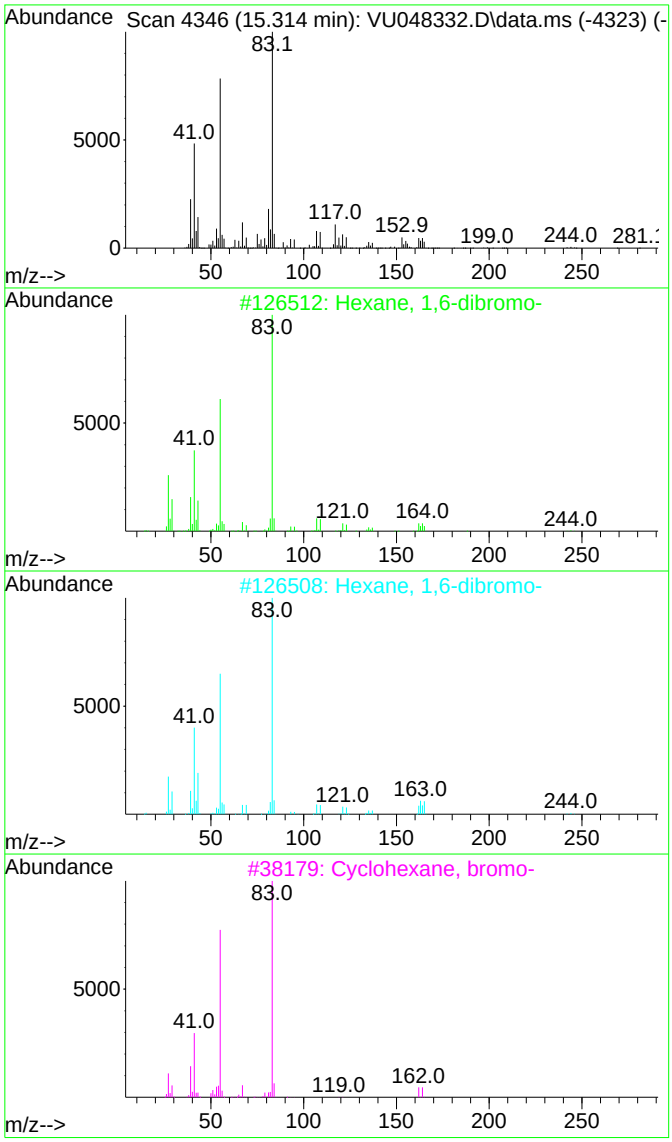
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

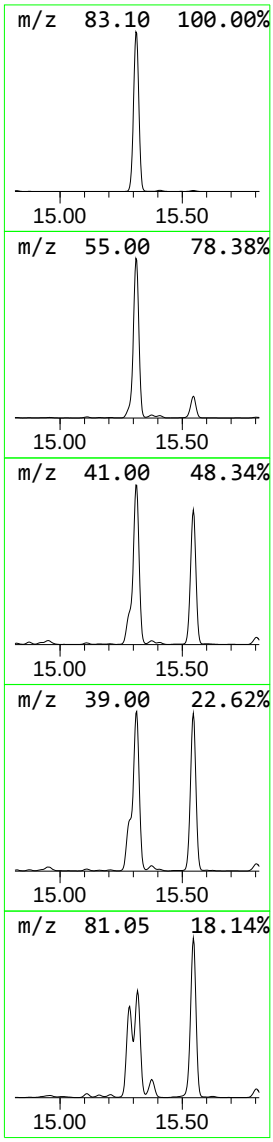
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Hexane, 1,6-dibromo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.314	534.99 ug/L	18155200	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	64
4	Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	64
5	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

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

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

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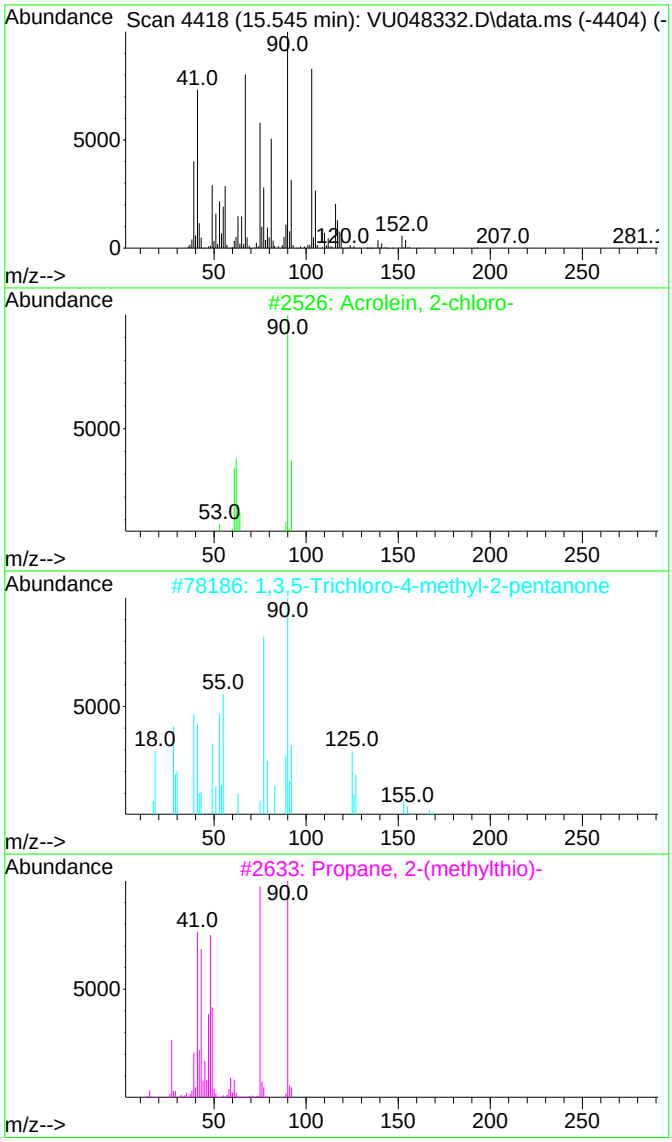
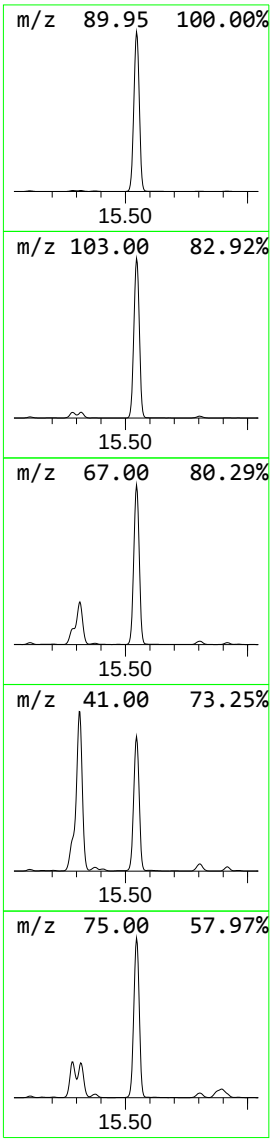
Peak Number 58 unknown-07 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.545	429.94 ug/L	14590200	1,4-Dichlorobenzene-d4	11.812

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

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

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

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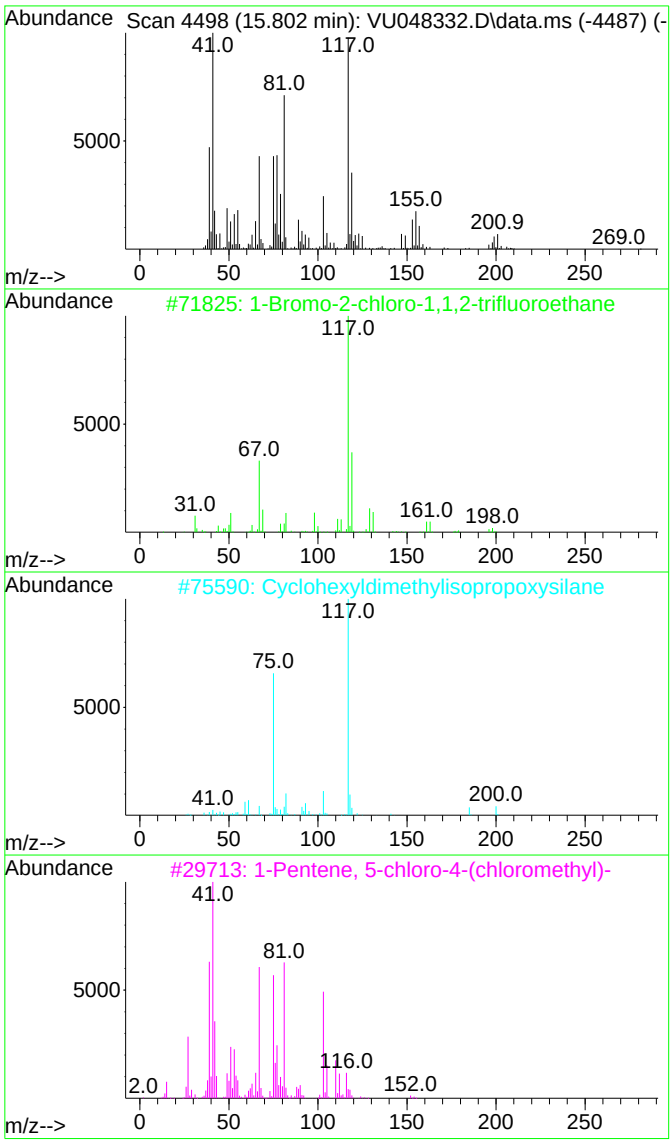
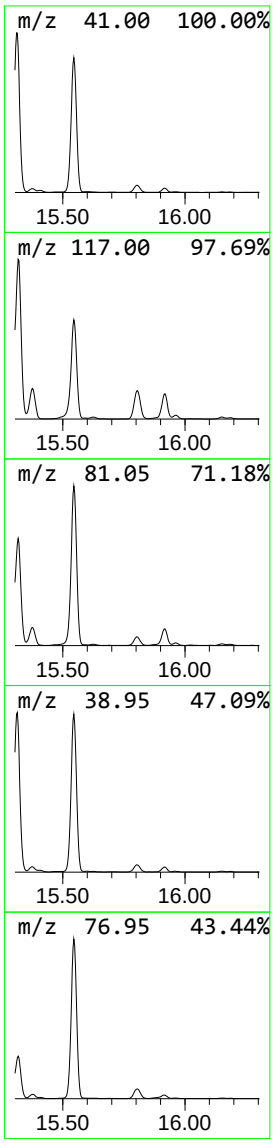
Peak Number 59 unknown-08 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.803	18.86 ug/L	640062	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromo-2-chloro-1,1,2-trifluoro...	196	C2HBrClF3	000354-06-3	32
2	Cyclohexyldimethylisopropoxysilane	200	C11H24OSi	1000282-21-5	25
3	1-Pentene, 5-chloro-4-(chloromet...	152	C6H10Cl2	027990-74-5	14
4	Phosphorochloridic acid, nonyl p...	312	C14H30ClO3P	1000309-09-2	12
5	Phosphorochloridic acid, octyl p...	298	C13H28ClO3P	1000309-09-1	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

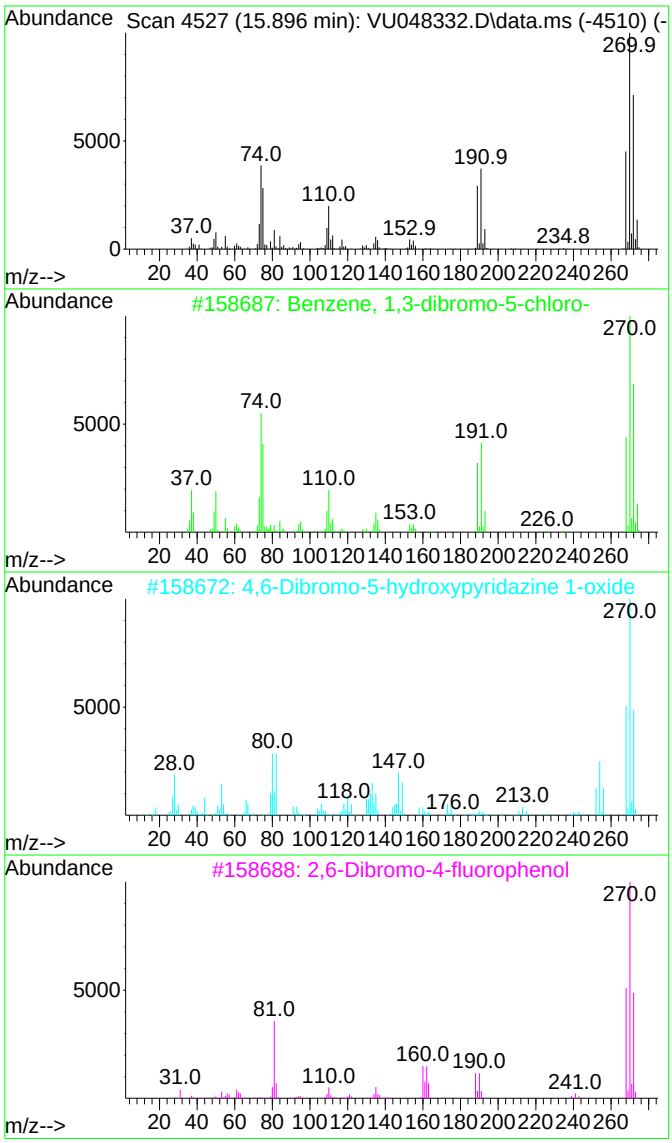
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

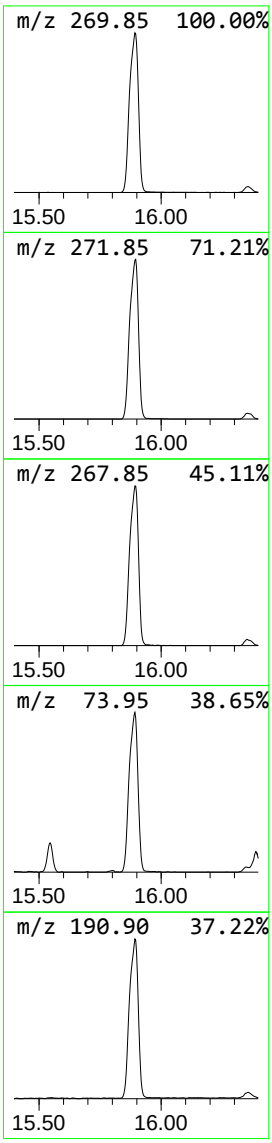
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 Benzene, 1,3-dibromo-5-chloro- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.896	58.47 ug/L	1984330	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dibromo-5-chloro-	268	C6H3Br2Cl	014862-52-3	91
2	4,6-Dibromo-5-hydroxypyridazine ...	268	C4H2Br2N2O2	019971-61-0	43
3	2,6-Dibromo-4-fluorophenol	268	C6H3Br2FO	000344-20-7	37
4	Pyrimidine, 4,6-dichloro-2-(meth...	270	C11H8Cl2N2S	064415-11-8	23
5	5,7-Dichloro-8-[(trimethylsilyl)...	285	C12H13Cl2NOSi	1000408-12-3	17





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

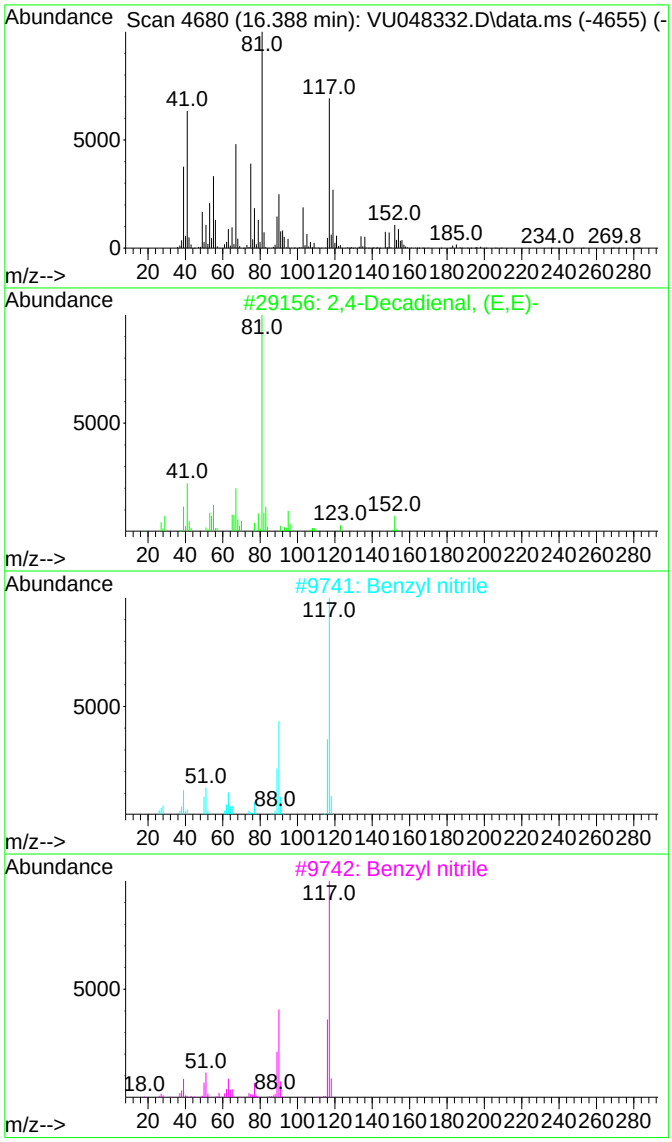
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

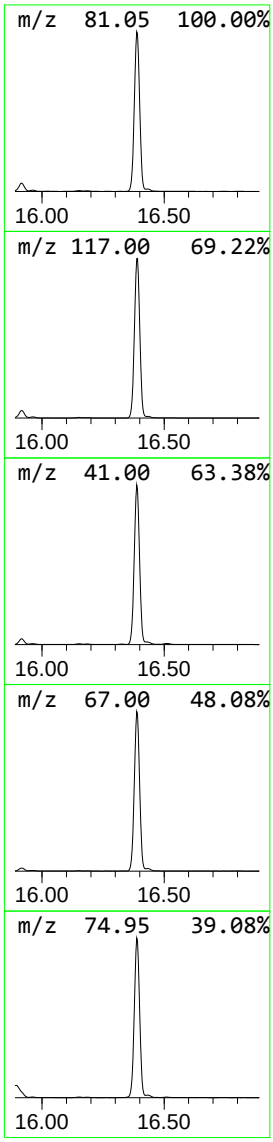
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 unknown-09 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.388	365.11 ug/L	12390300	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	35
2	Benzyl nitrile	117	C8H7N	000140-29-4	25
3	Benzyl nitrile	117	C8H7N	000140-29-4	25
4	Indole	117	C8H7N	000120-72-9	15
5	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Propenal	2.485	33.9	ug/L	575372	1	6.250	848544	50.0
(DEL) Alkane: S...	3.134	6.1	ug/L	104224	1	6.250	848544	50.0
Isopropenyl bro...	3.234	37.9	ug/L	643313	1	6.250	848544	50.0
(DEL) Alkane: C...	4.533	8.8	ug/L	148598	1	6.250	848544	50.0
1-Propene, 3,3'...	6.472	1141.3	ug/L	19368800	1	6.250	848544	50.0
Thietane	6.996	24.2	ug/L	410077	1	6.250	848544	50.0
Ethane, 1-bromo...	7.443	31.4	ug/L	532181	1	6.250	848544	50.0
2H-Pyran, tetra...	7.491	236.2	ug/L	4008470	1	6.250	848544	50.0
Propane, 1,3-di...	8.581	28.5	ug/L	40545600	2	9.420	71148200	50.0
2H-Thiopyran, t...	10.655	123.5	ug/L	4191820	3	11.812	1696790	50.0
Thiophene, 2-et...	10.973	62.2	ug/L	2111800	3	11.812	1696790	50.0
Propane, 1,3-di...	11.176	49.0	ug/L	1662190	3	11.812	1696790	50.0
unknown-01	11.250	18.3	ug/L	621905	3	11.812	1696790	50.0
Propane, 1-brom...	11.938	48.8	ug/L	1656840	3	11.812	1696790	50.0
Cyclopropane, 2...	12.471	155.9	ug/L	5290740	3	11.812	1696790	50.0
unknown-02	12.706	182.7	ug/L	6198210	3	11.812	1696790	50.0
Benzene, 1-brom...	12.970	475.4	ug/L	16131800	3	11.812	1696790	50.0
Hexane, 2,5-dib...	13.163	43.1	ug/L	1461300	3	11.812	1696790	50.0
Benzene, 1-brom...	13.327	295.1	ug/L	10013100	3	11.812	1696790	50.0
Hexane, 1,6-dic...	13.385	1946.9	ug/L	66068200	3	11.812	1696790	50.0
(DEL) Alkane: S...	13.478	137.2	ug/L	4656140	3	11.812	1696790	50.0
(DEL) Alkane: S...	13.716	197.6	ug/L	6705930	3	11.812	1696790	50.0
Cyclopropane, 1...	13.963	18.9	ug/L	641690	3	11.812	1696790	50.0
Hexane, 1-bromo...	14.365	1287.2	ug/L	43680500	3	11.812	1696790	50.0
unknown-03	14.407	189.9	ug/L	6445850	3	11.812	1696790	50.0
unknown-04	14.436	99.6	ug/L	3380650	3	11.812	1696790	50.0
unknown-05	14.497	748.7	ug/L	25409000	3	11.812	1696790	50.0
unknown-06	14.594	347.5	ug/L	11793600	3	11.812	1696790	50.0
Hexane, 1,5-dib...	14.687	74.0	ug/L	2510330	3	11.812	1696790	50.0
Hexane, 1,6-dib...	15.314	535.0	ug/L	18155200	3	11.812	1696790	50.0
unknown-07	15.545	429.9	ug/L	14590200	3	11.812	1696790	50.0
unknown-08	15.803	18.9	ug/L	640062	3	11.812	1696790	50.0
Benzene, 1,3-di...	15.896	58.5	ug/L	1984330	3	11.812	1696790	50.0
unknown-09	16.388	365.1	ug/L	12390300	3	11.812	1696790	50.0