LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 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: VU048007.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	72	80	109	rVB	31049	65956	0.18%	0.029%
2	1.781	118	137	138	rBV7	22749	49220	0.13%	0.022%
3	2.536	362	372	384	rVV	76905	133958	0.37%	0.060%
4	3.054	513	533	545	rVB	20510	47104	0.13%	0.021%
5	3.337	601	621	636	rBV4	22171	51068	0.14%	0.023%
6	3.674	713	726	743	rVB3	21590	47425	0.13%	0.021%
7	4.115	836	863	895	rVV	139715	479524	1.31%	0.213%
8	4.417	947	957	971	rVB3	10542	26052	0.07%	0.012%
9	4.636	1009	1025	1069	rBV	120875	419812	1.15%	0.187%
10	5.063	1141	1158	1190	rBV	152664	443203	1.21%	0.197%
11	5.292	1218	1229	1238	rBV6	33988	97843	0.27%	0.043%
12	5.581	1310	1319	1339	rVB3	108210	249905	0.68%	0.111%
13	5.719	1344	1362	1367	rBV2	263632	657195	1.80%	0.292%
14	5.768	1368	1377	1394	rVB	918542	1893630	5.18%	0.841%
15	6.128	1477	1489	1512	rVB	122128	244827	0.67%	0.109%
16	6.247	1513	1526	1549	rVB	365912	742647	2.03%	0.330%
17	6.690	1650	1664	1678	rBV	178035	366980	1.00%	0.163%
18	7.189	1800	1819	1843	rBV2	10590	28158	0.08%	0.013%
19	7.497	1901	1915	1926	rBV4	20808	46520	0.13%	0.021%
20	7.568	1926	1937	1957	rVB	88426	175263	0.48%	0.078%
21	7.899	2029	2040	2052	rVV	239048	431511	1.18%	0.192%
22	7.970	2052	2062	2086	rVB	151377	300622	0.82%	0.134%
23	8.182	2117	2128	2139	rBV	59356	117441	0.32%	0.052%
24	8.263	2139	2153	2171	rVB	258047	542801	1.49%	0.241%
25	8.372	2176	2187	2210	rVB8	24428	75377	0.21%	0.033%
26	8.652	2260	2274	2304	rVB	470269	961885	2.63%	0.427%
27	9.182	2428	2439	2453	rBV2	36742	67140	0.18%	0.030%
28	9.369	2481	2497	2505	rBV	333347	661158	1.81%	0.294%
29	9.452	2505	2523	2552	rVV3	2275194	5361943	14.67%	2.382%
30	9.584	2552	2564	2590	rVV	280444	651154	1.78%	0.289%
31	9.693	2591	2598	2625	rVB2	16701	48678	0.13%	0.022%
32	9.873	2636	2654	2660	rVV4	45545	98125	0.27%	0.044%
33	9.918	2661	2668	2688	rVB3	65415	158290	0.43%	0.070%
34	10.108	2717	2727	2737	rBV3	12763	25487	0.07%	0.011%
35	10.443	2813	2831	2851	rVB3	19110	44598	0.12%	0.020%
36	10.594	2851	2878	2887	rBV	143128	270611	0.74%	0.120%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 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	10.658	2887	2898	2916	rVV	965759	1605457	4.39%	0.713%
38	10.783	2919	2937	2957	rVB2	851275	2163296	5.92%	0.961%
39	10.976	2988	2997	3011	rVB3	24066	46906	0.13%	0.021%
40	11.256	3073	3084	3094	rBV4	40525	75665	0.21%	0.034%
41	11.478	3142	3153	3161	rBV4	23878	48245	0.13%	0.021%
42	11.587	3178	3187	3193	rBV2	22802	37420	0.10%	0.017%
43	11.626	3194	3199	3215	rVB2	19218	34778	0.10%	0.015%
44	11.748	3220	3237	3246	rBV3	30791	58012	0.16%	0.026%
45	11.816	3246	3258	3274	rBV	759847	1273604	3.48%	0.566%
46	11.902	3274	3285	3293	rVB4	55896	96573	0.26%	0.043%
47	11.960	3293	3303	3312	rBV	302942	549633	1.50%	0.244%
48	12.108	3340	3349	3360	rBV6	28709	52542	0.14%	0.023%
49	12.198	3361	3377	3397	rVB3	635368	1335575	3.65%	0.593%
50	12.394	3429	3438	3453	rBV4	64781	151285	0.41%	0.067%
51	12.471	3453	3462	3482	rVB2	188841	355462	0.97%	0.158%
52	12.568	3482	3492	3497	rBV3	32117	56002	0.15%	0.025%
53	12.616	3497	3507	3524	rVB6	173901	336990	0.92%	0.150%
54	12.706	3524	3535	3547	rBV	130731	204185	0.56%	0.091%
55	12.860	3567	3583	3591	rBV	75667	209322	0.57%	0.093%
56	12.909	3591	3598	3603	rVV	142226	211519	0.58%	0.094%
57	12.970	3603	3617	3645	rVB	15400221	25715716	70.36%	11.425%
58	13.089	3645	3654	3664	rBV2	94770	148584	0.41%	0.066%
59	13.166	3664	3678	3689	rBV	1539500	2416243	6.61%	1.074%
60	13.282	3708	3714	3716	rVV4	35181	41896	0.11%	0.019%
61	13.330	3716	3729	3737	rVV	14592637	23088843	63.17%	10.258%
62	13.378	3737	3744	3760	rVV	10558382	15601410	42.69%	6.932%
63	13.475	3763	3774	3798	rVB	630816	1159245	3.17%	0.515%
64	13.626	3814	3821	3831	rVB9	24480	45760	0.13%	0.020%
65	13.713	3831	3848	3861	rVB3	189077	403727	1.10%	0.179%
66	13.809	3872	3878	3885	rBV4	23303	35138	0.10%	0.016%
67	13.860	3886	3894	3902	rVB2	86188	124031	0.34%	0.055%
68	13.967	3914	3927	3937	rBV	878580	1377434	3.77%	0.612%
69	14.050	3938	3953	3973	rVB2	640977	1295354	3.54%	0.576%
70	14.275	4015	4023	4026	rBV	36054	47191	0.13%	0.021%
71	14.311	4027	4034	4038	rVV2	105659	161551	0.44%	0.072%
72	14.365	4038	4051	4065	rVV	23804587	36549442	100.00%	16.239%
73	14.433	4065	4072	4082	rVV	1591010	2506092	6.86%	1.113%
74	14.494	4082	4091	4108	rVV	672921	1165165	3.19%	0.518%
75	14.590	4111	4121	4135	rVB2	170954	300163	0.82%	0.133%
76	14.687	4144	4151	4160	rVB2	40173	60459	0.17%	0.027%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 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	rVB2	73748	104159	0.28%	0.046%
78	14.886	4200	4213	4221	rBV	568284	929376	2.54%	0.413%
79	14.947	4221	4232	4245	rVB6	199770	496775	1.36%	0.221%
80	15.034	4246	4259	4269	rVB3	40215	82064	0.22%	0.036%
81	15.111	4272	4283	4290	rBV2	150936	234472	0.64%	0.104%
82	15.159	4290	4298	4307	rBV2	103169	190953	0.52%	0.085%
83	15.208	4307	4313	4323	rVB2	93919	139241	0.38%	0.062%
84	15.285	4323	4337	4340	rBV	6604961	9379475	25.66%	4.167%
85	15.317	4340	4347	4358	rVV2	16450833	27124384	74.21%	12.051%
86	15.378	4358	4366	4371	rVV	840358	1463864	4.01%	0.650%
87	15.410	4372	4376	4388	rVB	590705	765116	2.09%	0.340%
88	15.545	4390	4418	4431	rBV	8193219	12847208	35.15%	5.708%
89	15.806	4485	4499	4510	rBV	762667	1349538	3.69%	0.600%
90	15.896	4510	4527	4542	rVV2	1796975	5947389	16.27%	2.642%
91	15.960	4542	4547	4560	rVB	194635	297363	0.81%	0.132%
92	16.098	4582	4590	4597	rBV4	28918	49701	0.14%	0.022%
93	16.150	4597	4606	4612	rBV3	64299	114906	0.31%	0.051%
94	16.269	4634	4643	4650	rBV2	55143	88816	0.24%	0.039%
95	16.330	4651	4662	4669	rBV2	177420	367613	1.01%	0.163%
96	16.391	4669	4681	4693	rVV	15942829	24359737	66.65%	10.823%
97	17.153	4911	4918	4925	rVB3	36023	47041	0.13%	0.021%
98	17.208	4926	4935	4942	rBV	87916	142548	0.39%	0.063%
99	17.259	4942	4951	4965	rVB	453648	714782	1.96%	0.318%
100	17.346	4967	4978	4992	rBV	367117	610430	1.67%	0.271%

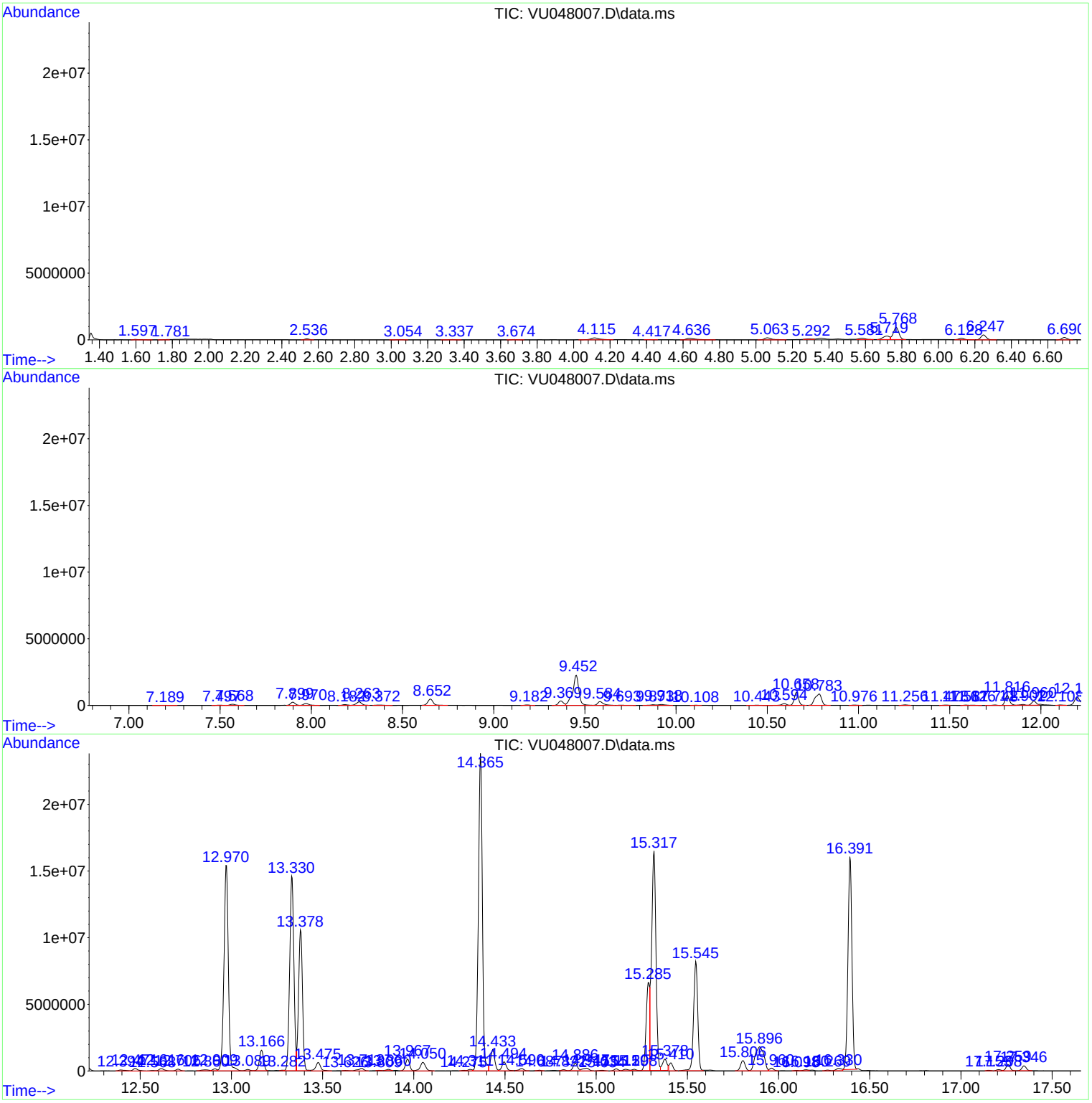
Sum of corrected areas: 225075977

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 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 : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

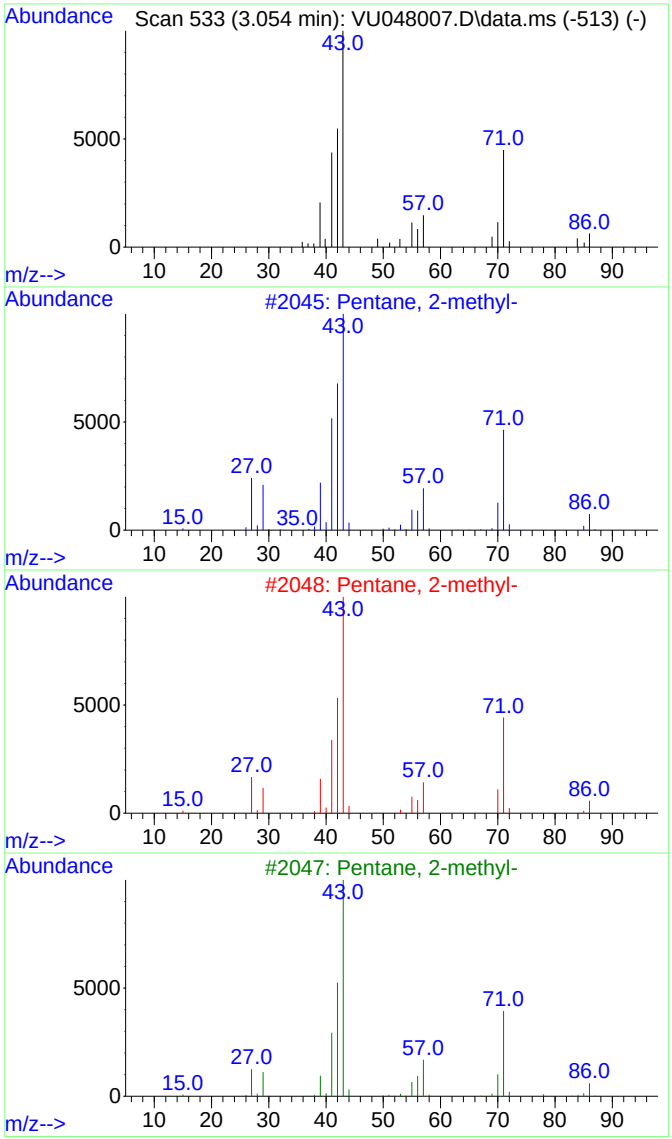
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

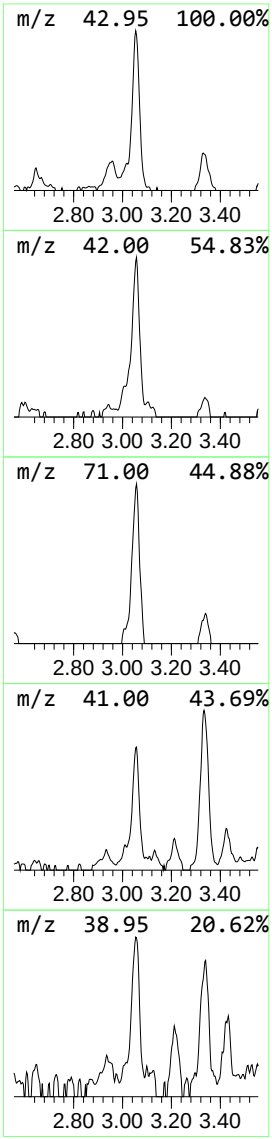
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.054	3.17 ug/L	47104	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	90
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	87
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	86
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

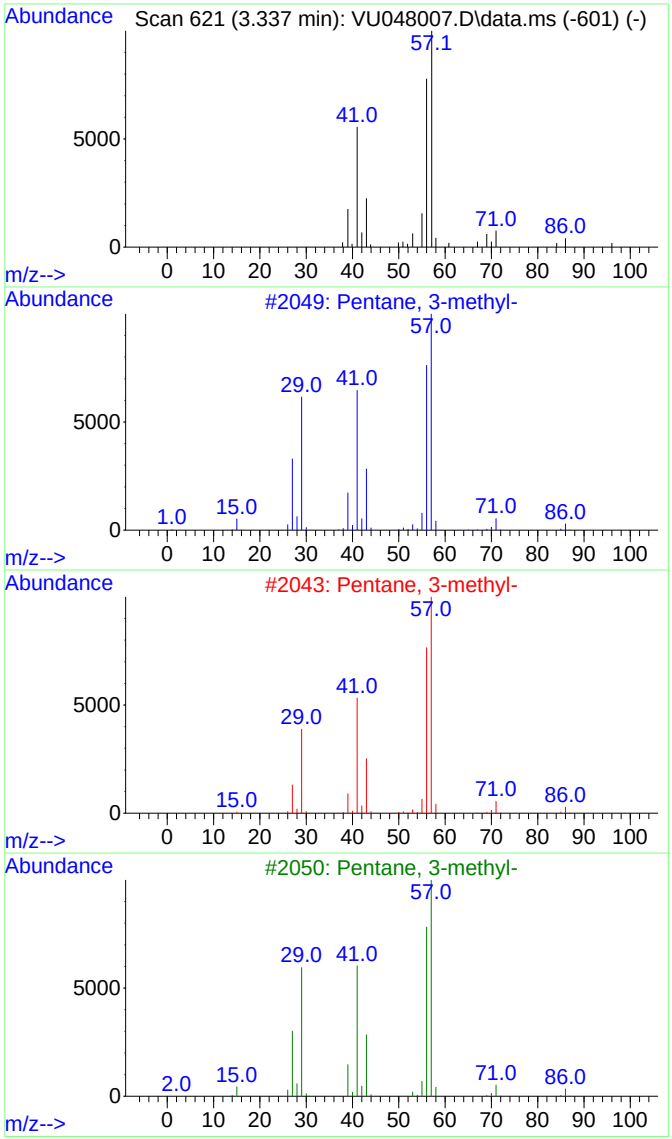
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

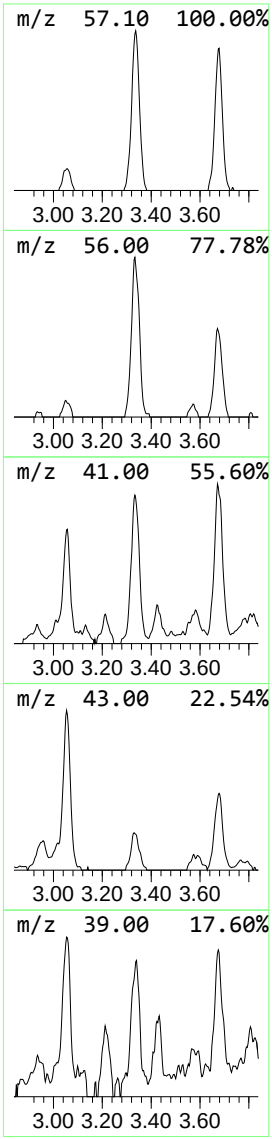
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.337	3.44 ug/L	51068	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	56
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

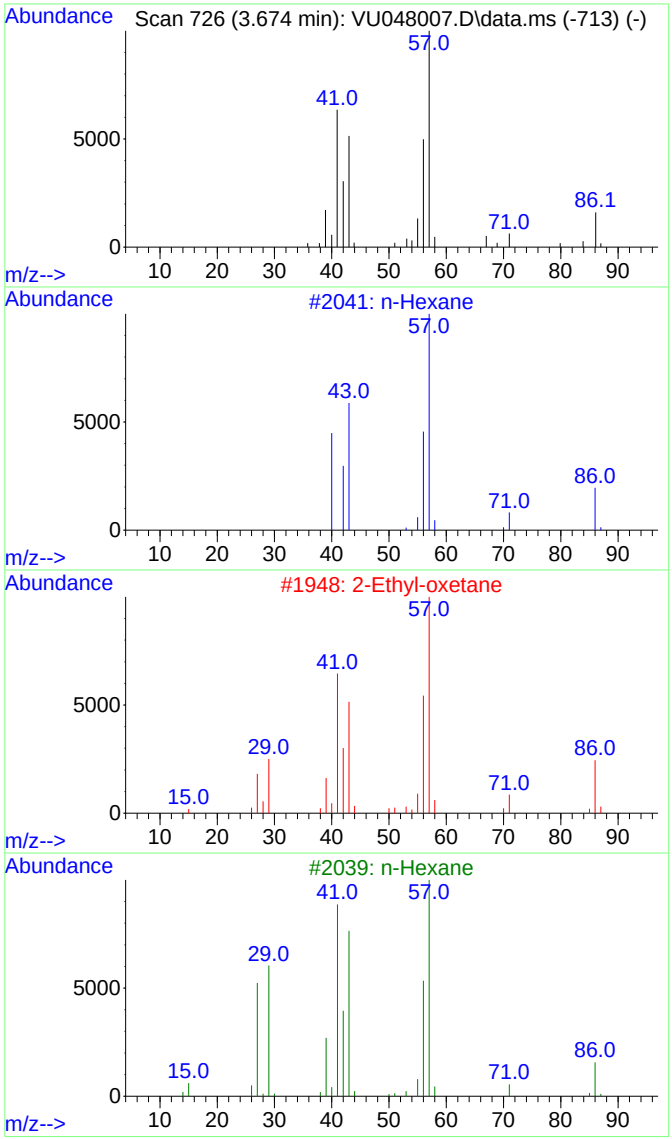
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

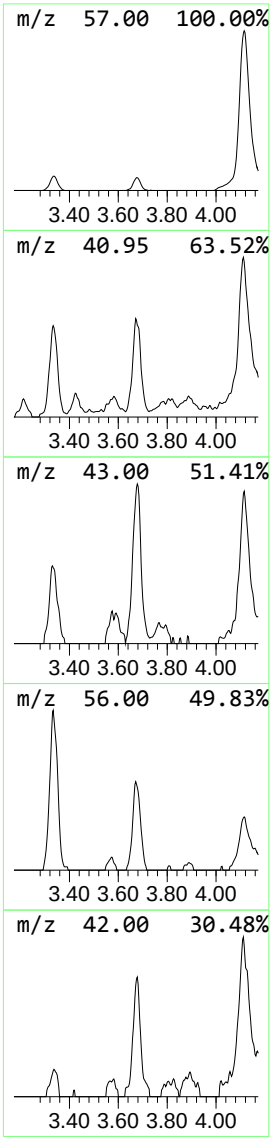
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.674	3.19 ug/L	47425	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	78
3	n-Hexane	86	C6H14	000110-54-3	72
4	n-Hexane	86	C6H14	000110-54-3	58
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

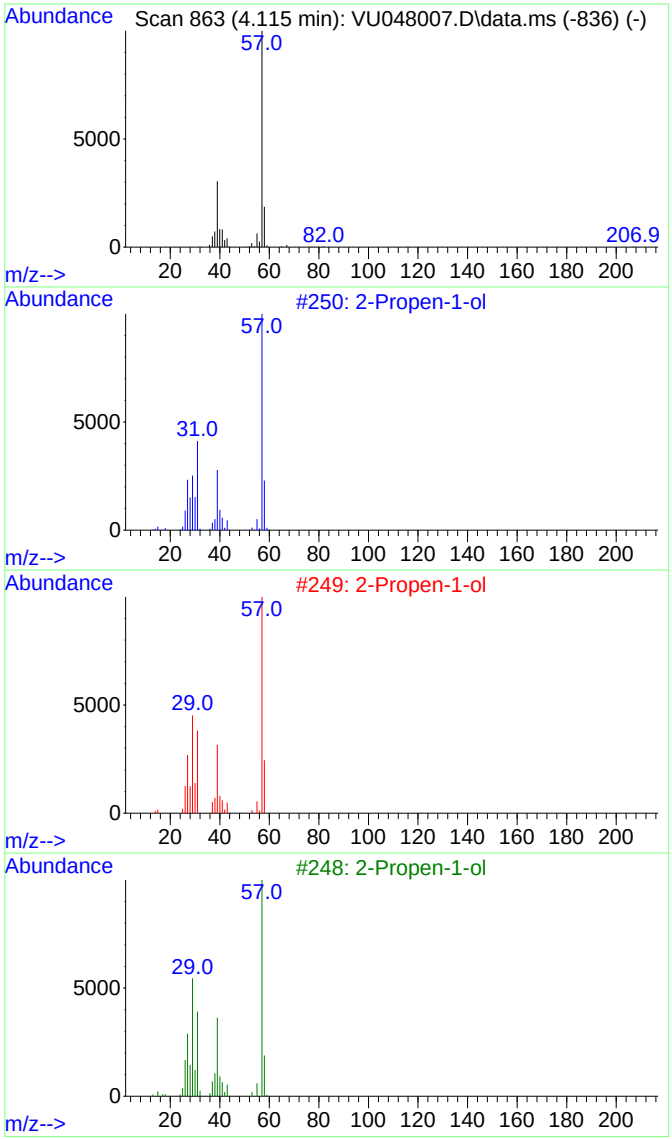
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

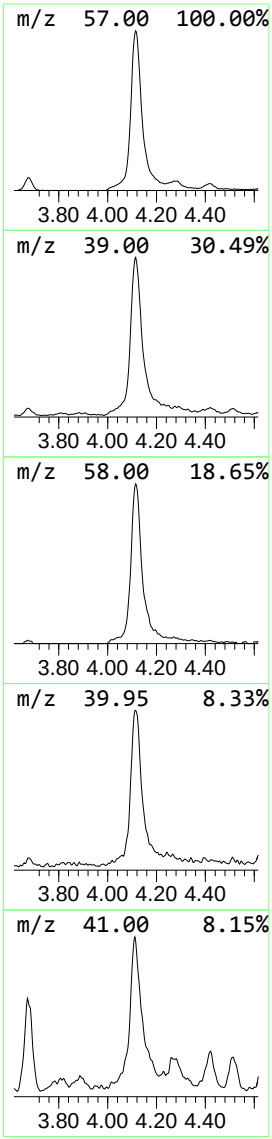
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Propen-1-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.115	32.28 ug/L	479524	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-ol	58	C3H6O	000107-18-6	64
2	2-Propen-1-ol	58	C3H6O	000107-18-6	59
3	2-Propen-1-ol	58	C3H6O	000107-18-6	59
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 : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

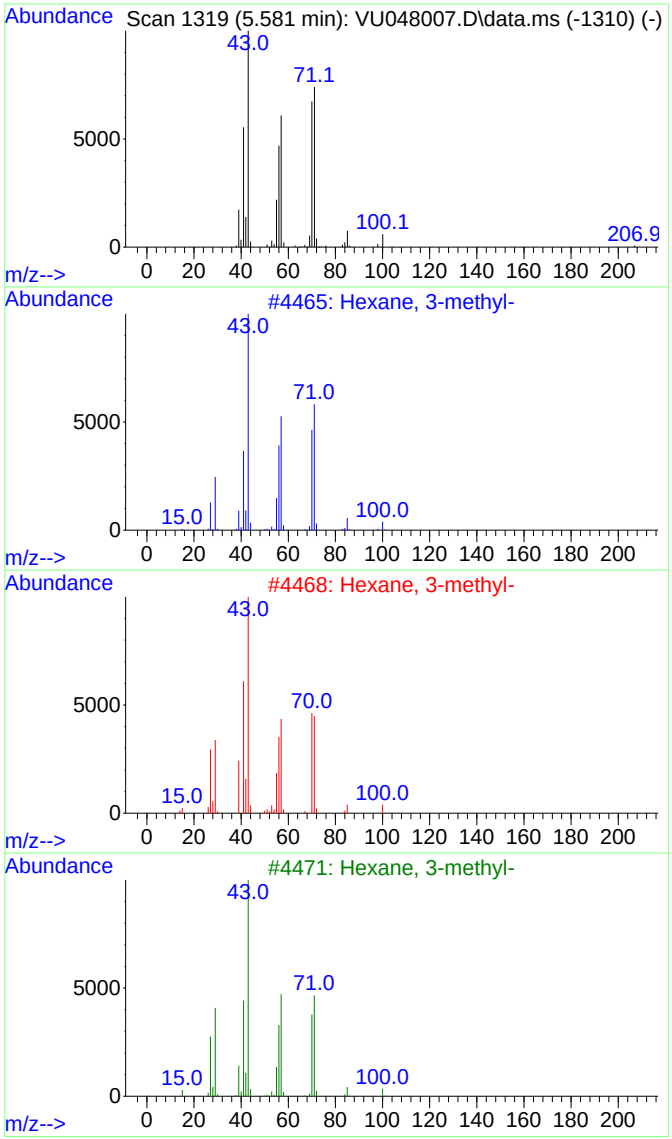
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

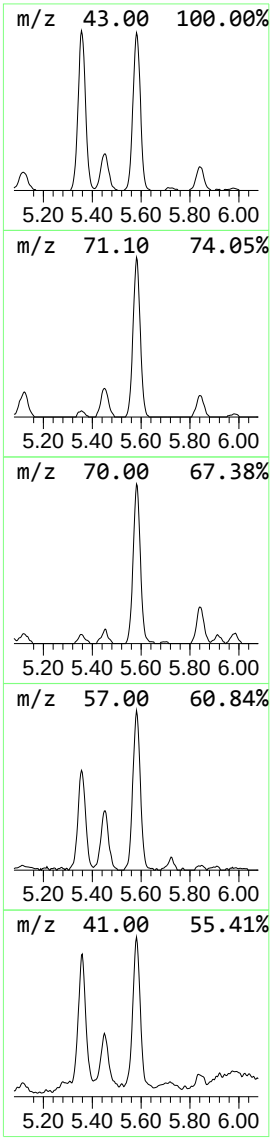
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.581	16.83 ug/L	249905	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	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	90
4	Heptane	100	C7H16	000142-82-5	80
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	64





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Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

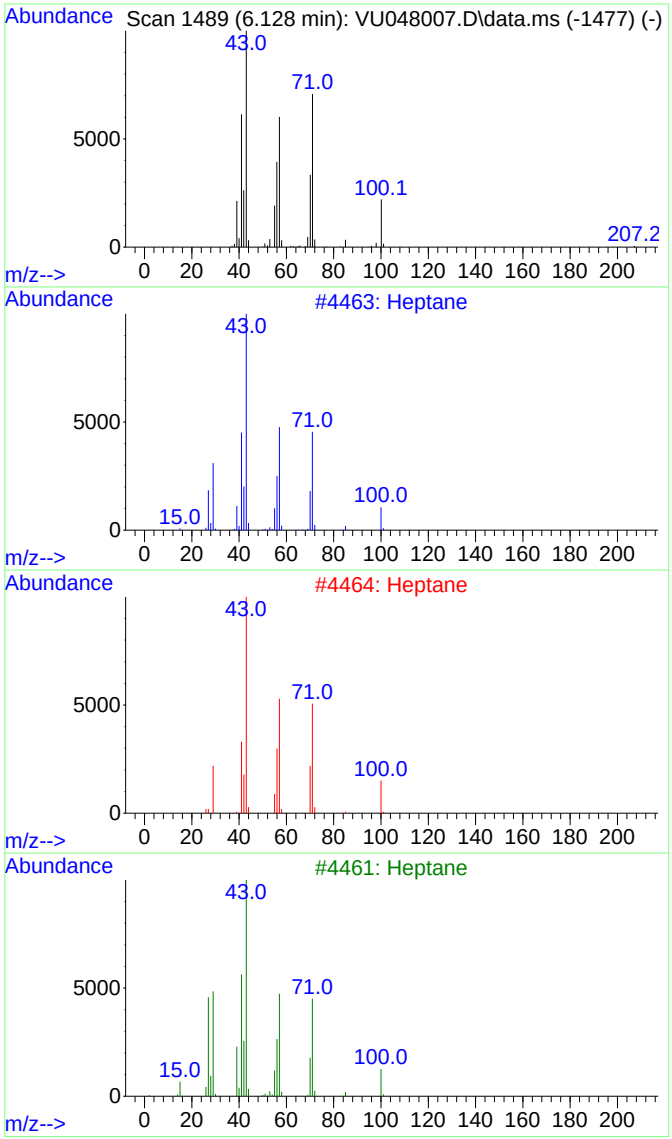
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

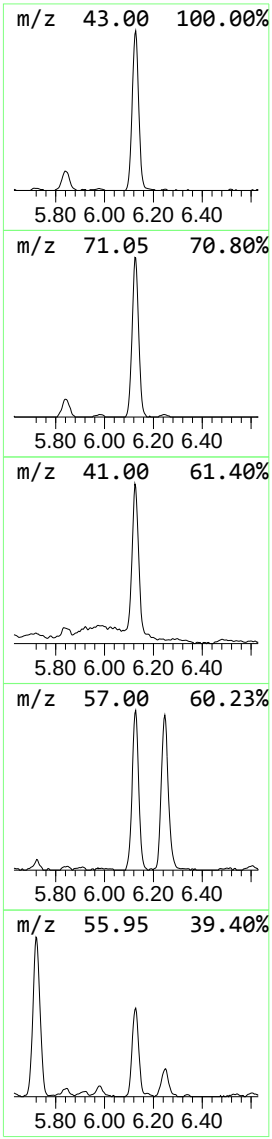
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.128	16.48 ug/L	244827	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	91
3	Heptane	100	C7H16	000142-82-5	72
4	Heptane	100	C7H16	000142-82-5	68
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	59





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Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

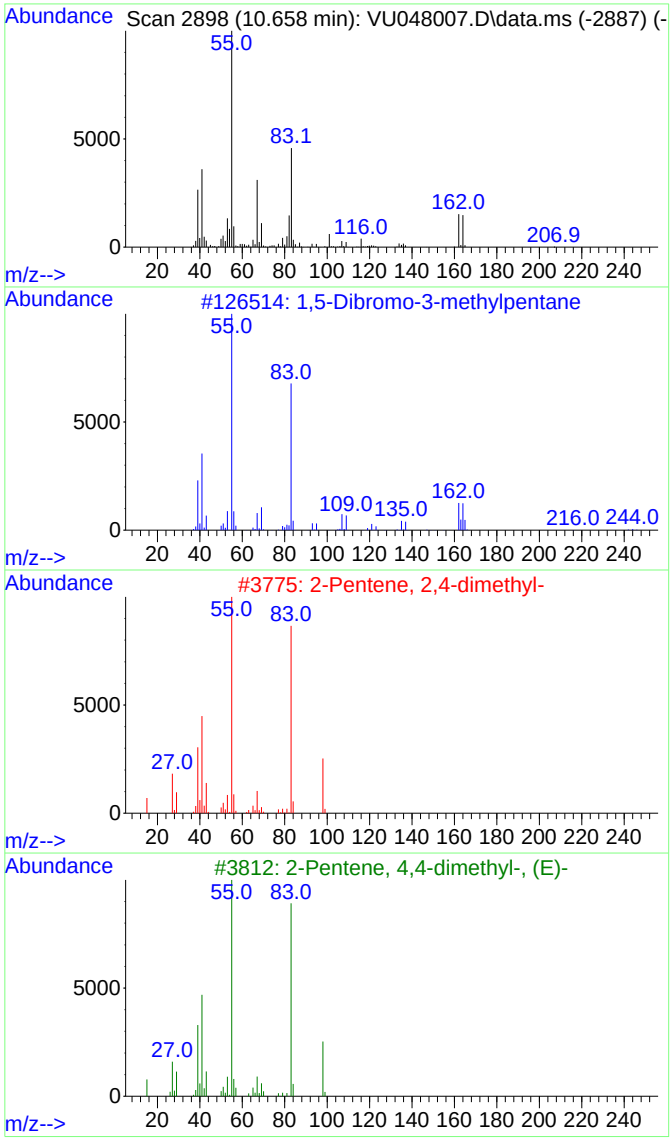
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

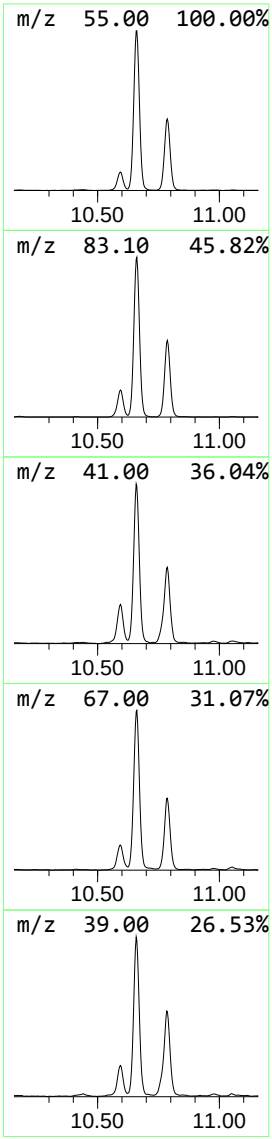
****

Peak Number 14 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.658	63.03 ug/L	1605460	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Dibromo-3-methylpentane	242	C6H12Br2	004457-72-1	45
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	43
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	43
4	1,5-Octadiene, 7-methyl-3-(1-met...	166	C12H22	074630-12-9	42
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	42





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Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

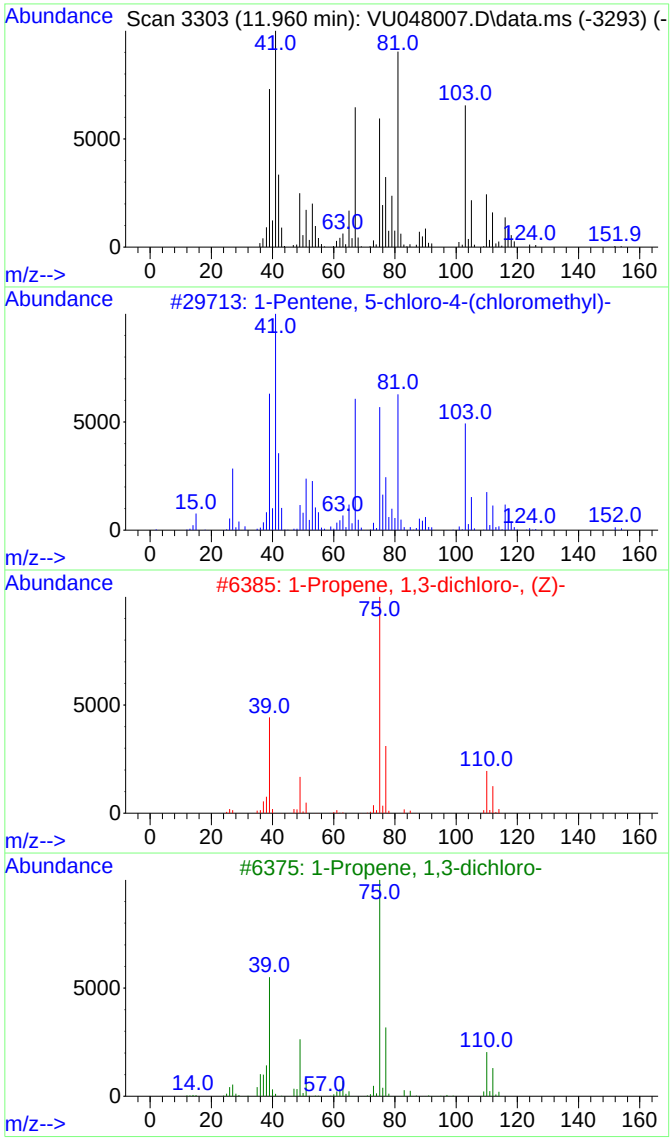
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

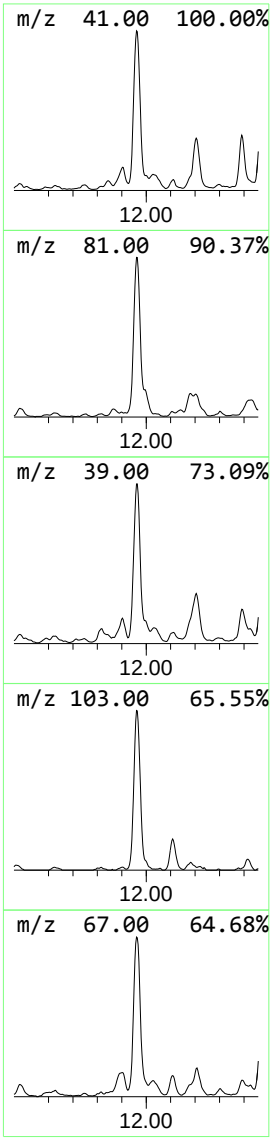
****

Peak Number 17 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.960	21.58 ug/L	549633	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	27
2	1-Propene, 1,3-dichloro-, (Z)-	110	C3H4Cl2	010061-01-5	27
3	1-Propene, 1,3-dichloro-	110	C3H4Cl2	000542-75-6	27
4	1-Propene, 1,3-dichloro-, (Z)-	110	C3H4Cl2	010061-01-5	27
5	Cyclohexane, ethenyl-	110	C8H14	000695-12-5	25





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Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

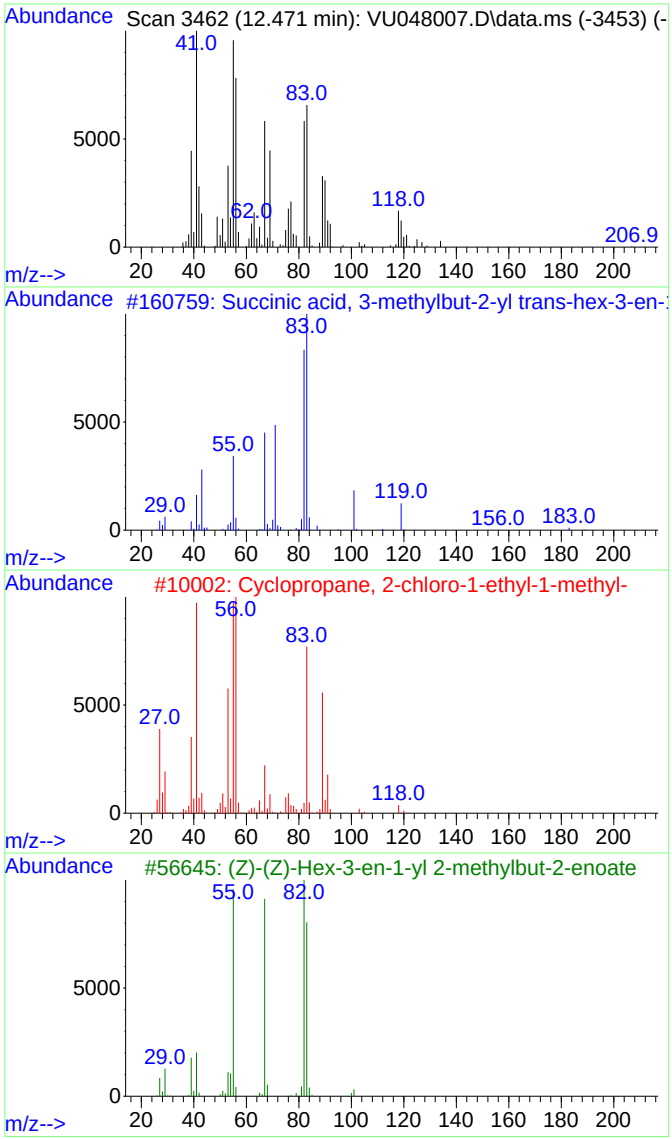
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

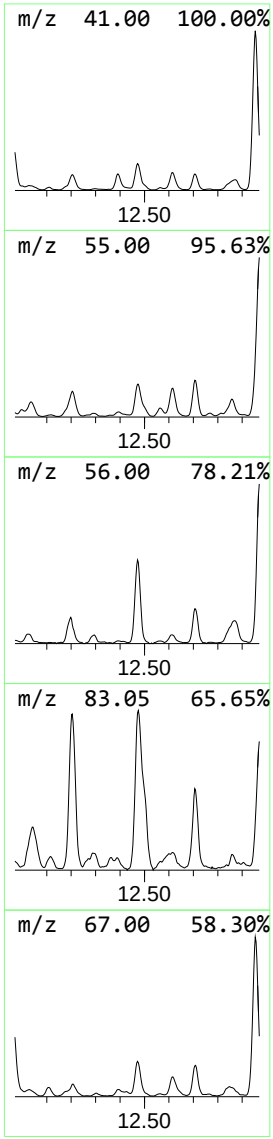
****

Peak Number 19 unknown-03 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.471	13.96 ug/L	355462	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, 3-methylbut-2-yl ...	270	C15H26O4	1000391-11-1	38
2	Cyclopropane, 2-chloro-1-ethyl-1...	118	C6H11Cl	343926-09-0	38
3	(Z)-(Z)-Hex-3-en-1-yl 2-methylbu...	182	C11H18O2	084060-80-0	27
4	Vinylcyclohexyl ether	126	C8H14O	002182-55-0	27
5	(E)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	120603-00-1	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

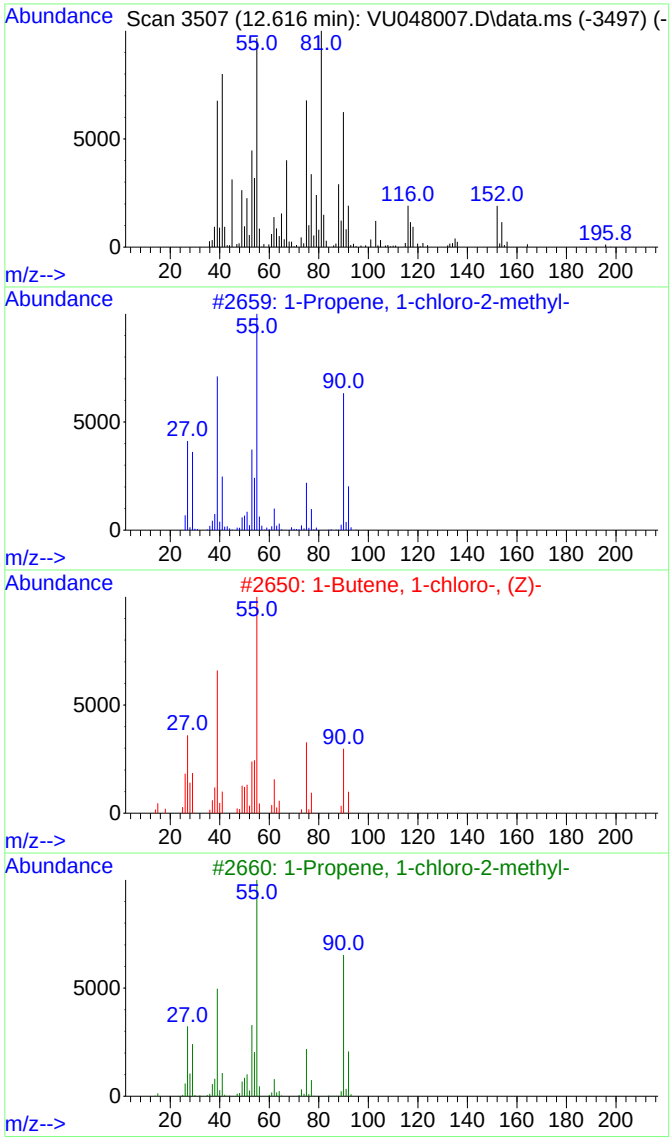
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

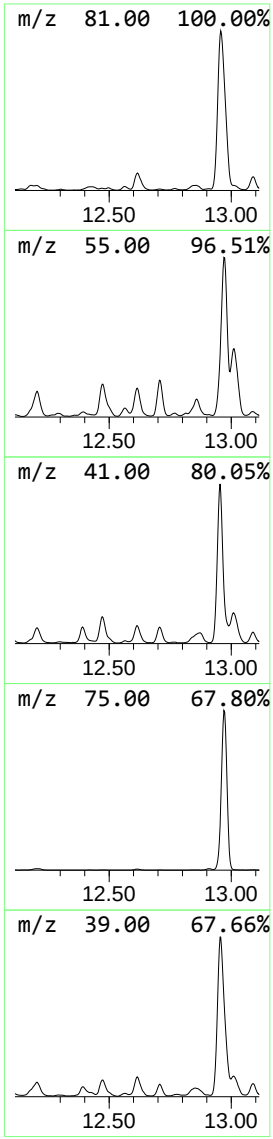
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	13.23 ug/L	336990	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	55
2	1-Butene, 1-chloro-, (Z)-	90	C4H7Cl	007611-86-1	52
3	1-Propene, 1-chloro-2-methyl-	90	C4H7Cl	000513-37-1	49
4	1-Propene, 1-chloro-2-methyl-	90	C4H7Cl	000513-37-1	46
5	2-Butene, 2-chloro-	90	C4H7Cl	004461-41-0	43





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Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

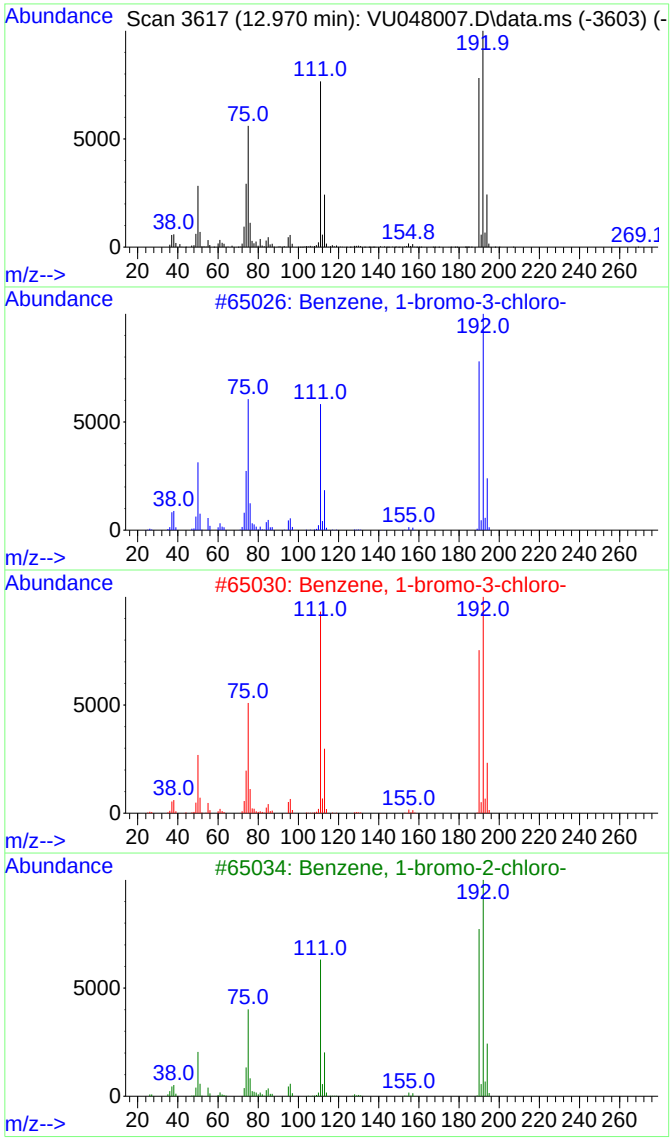
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

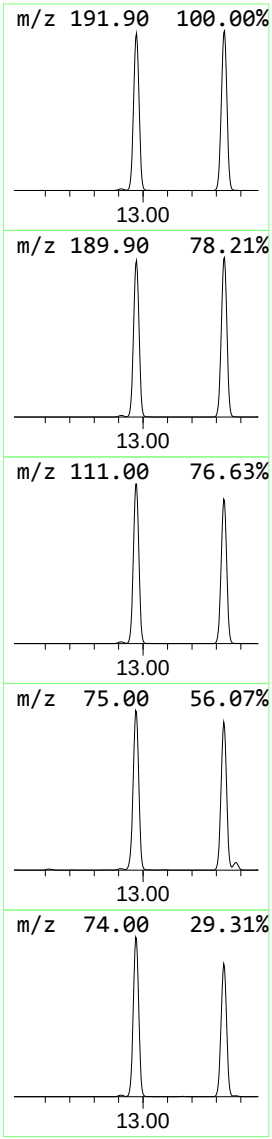
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1-bromo-3-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.970	1009.56 ug/L	25715700	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-3-chloro-	190	C6H4BrCl	000108-37-2	99
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	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 : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

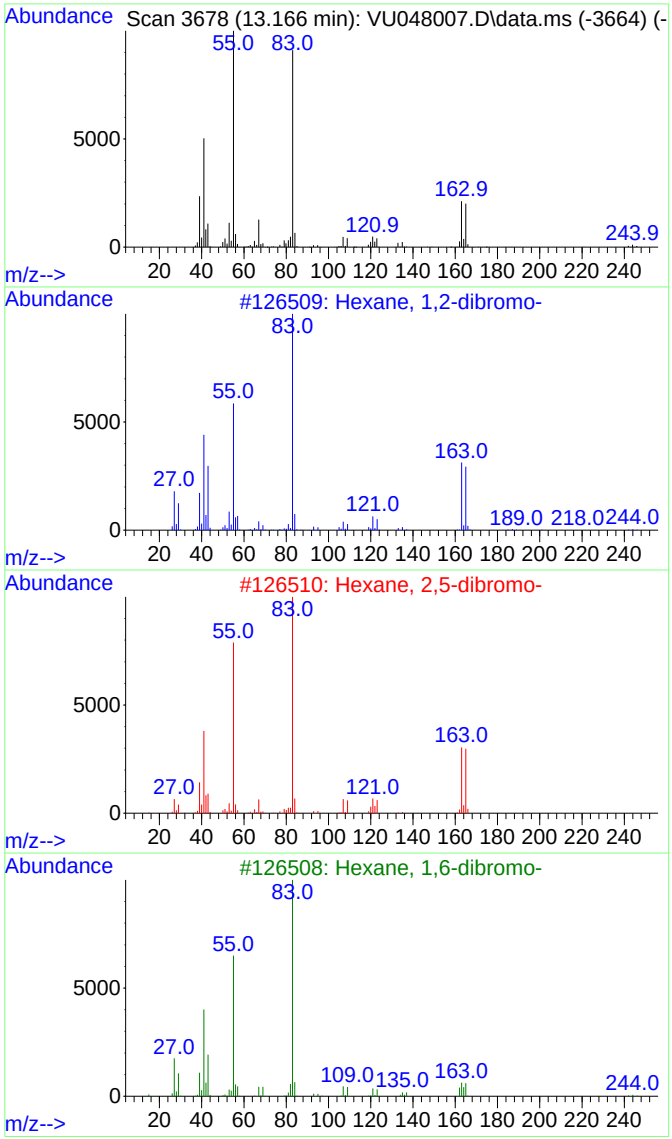
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

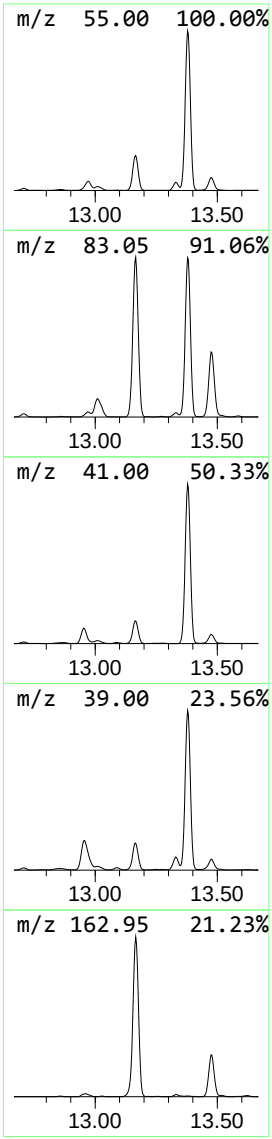
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Hexane, 1,2-dibromo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.166	94.86 ug/L	2416240	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	86
2	Hexane, 2,5-dibromo-	242	C6H12Br2	024774-58-1	86
3	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	64
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 : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

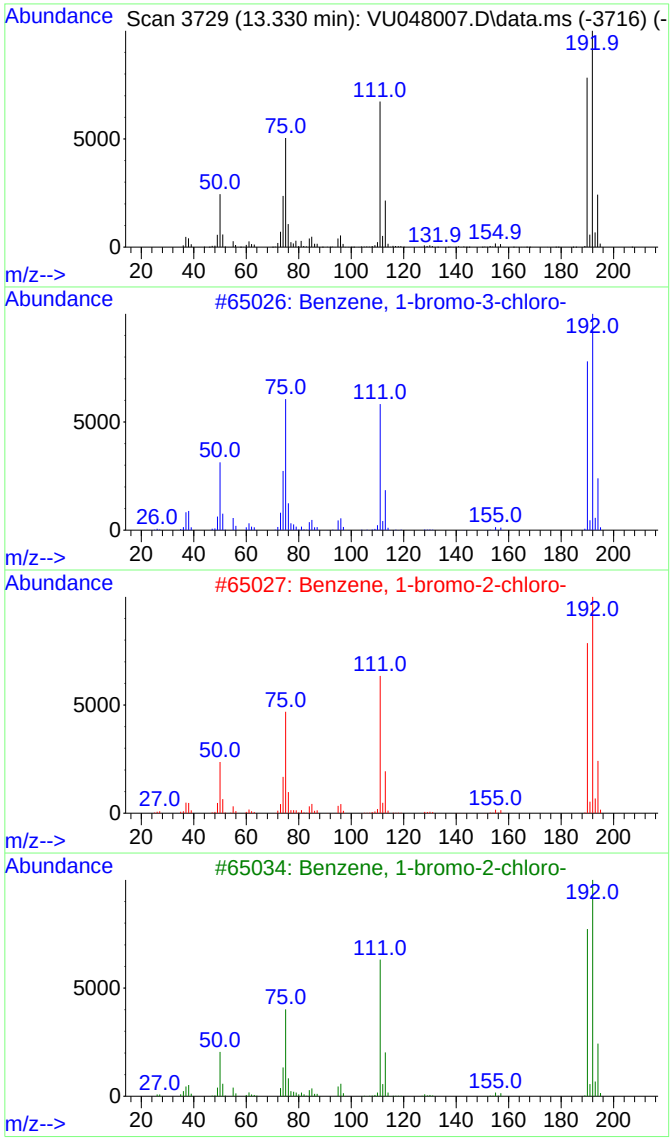
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

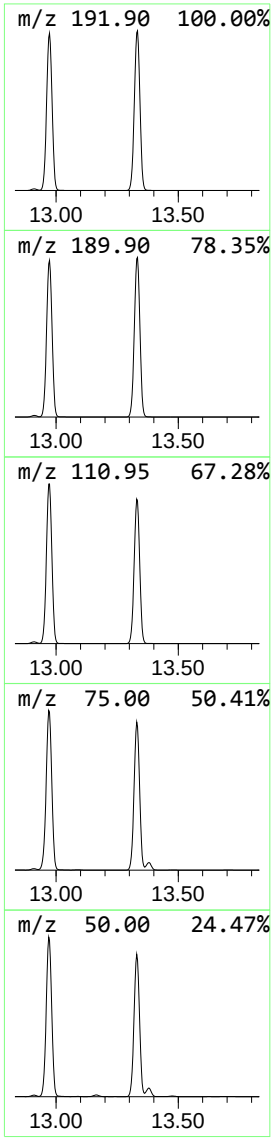
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1-bromo-2-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.330	906.44 ug/L	23088800	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 : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

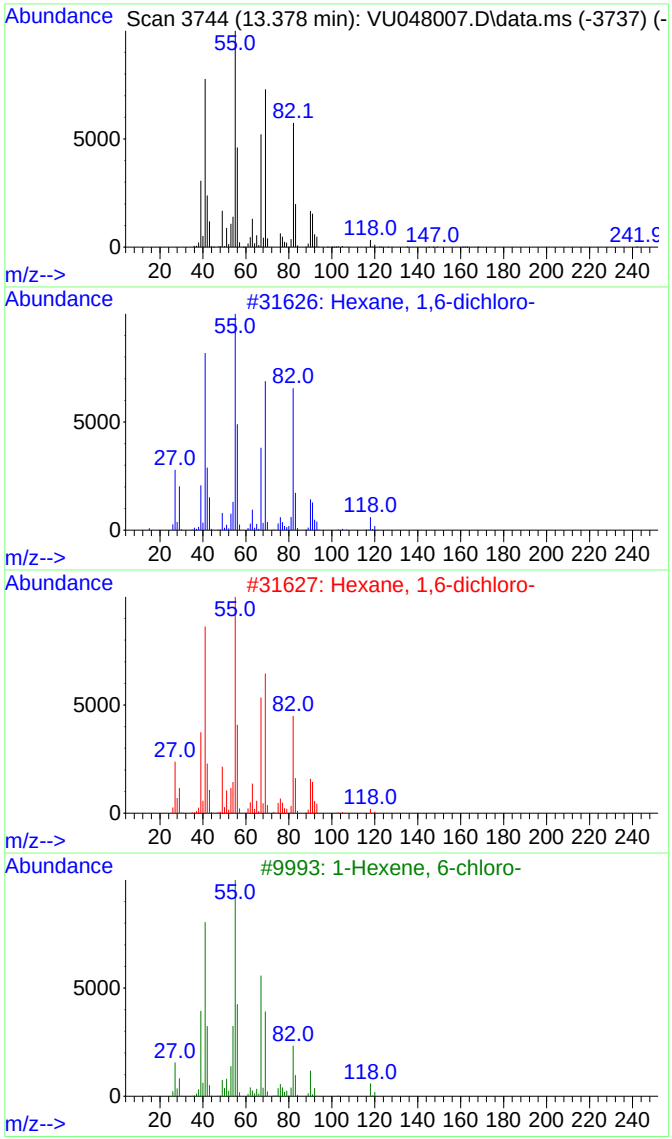
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

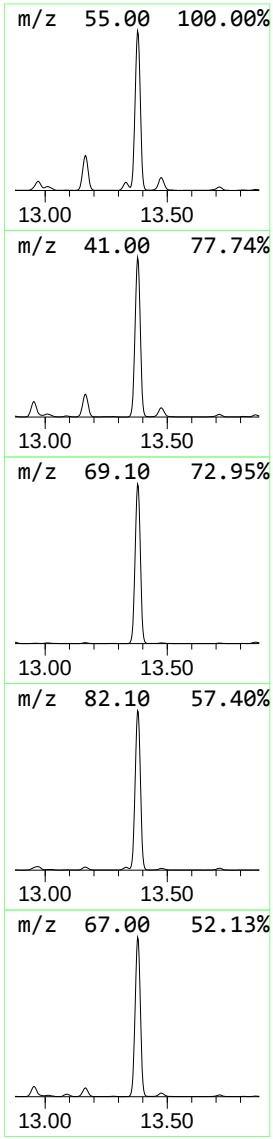
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.378	612.49 ug/L	15601400	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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

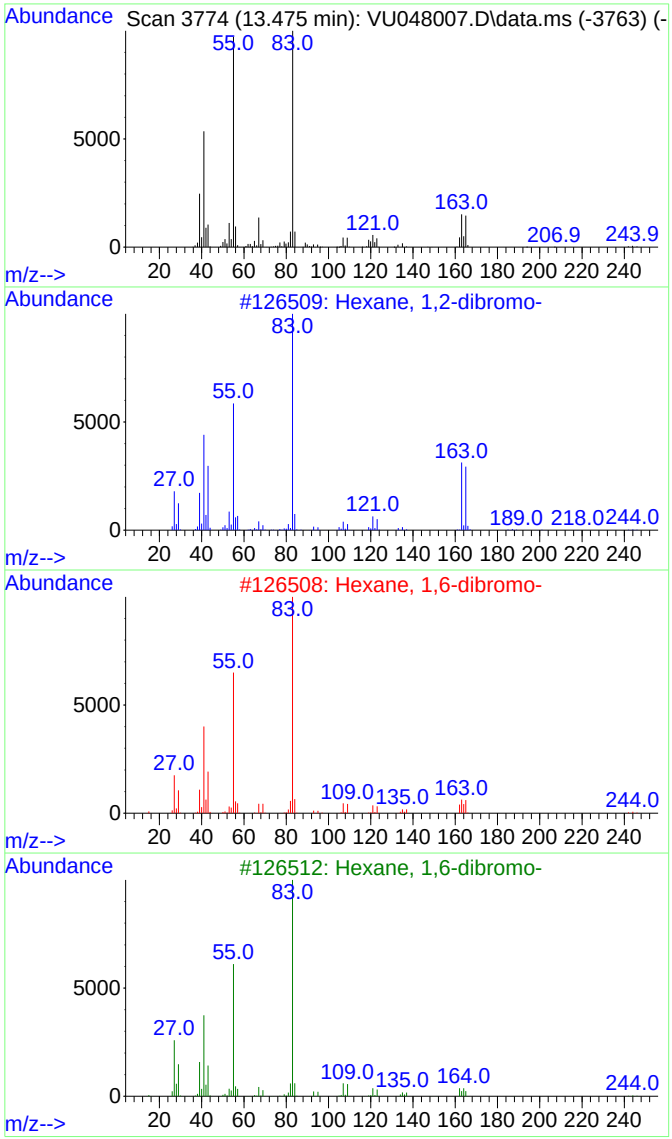
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

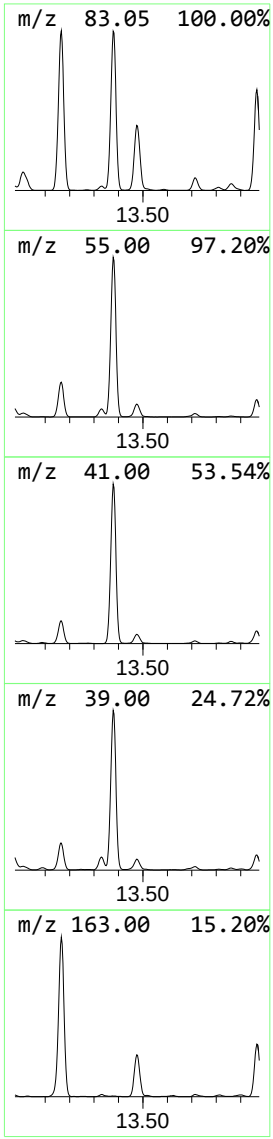
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Cyclohexane, bromo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.475	45.51 ug/L	1159250	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	86
2	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	81
3	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	64
4	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	58
5	5-Bromo-2-methyl-2-pentene	162	C6H11Br	002270-59-9	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

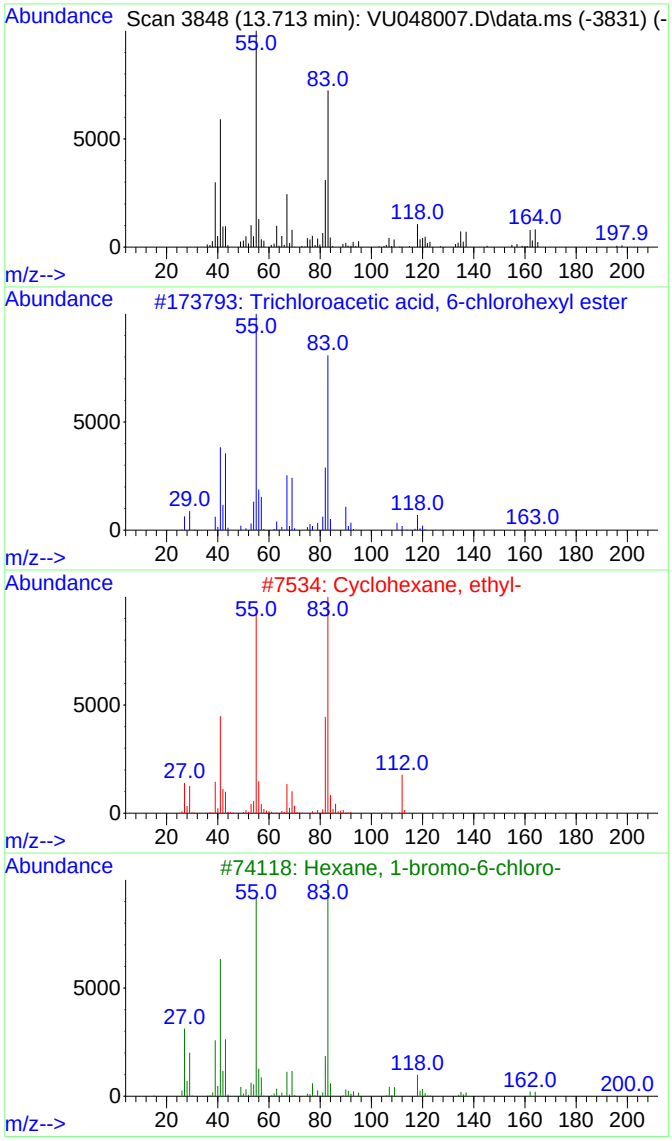
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

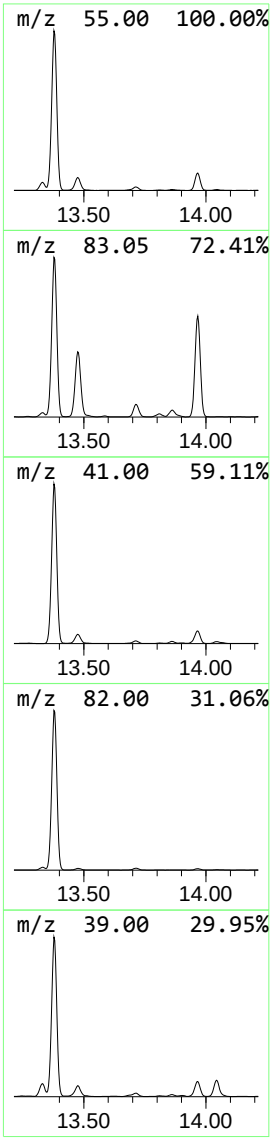
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Trichloroacetic acid, 6-chl... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.713	15.85 ug/L	403727	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, 6-chlorohe...	280	C8H12Cl4O2	1000330-89-2	59
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	50
3	Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	47
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	47
5	Cyclopropane, 2-chloro-1,1,3-tri...	118	C6H11Cl	098485-99-5	47





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Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

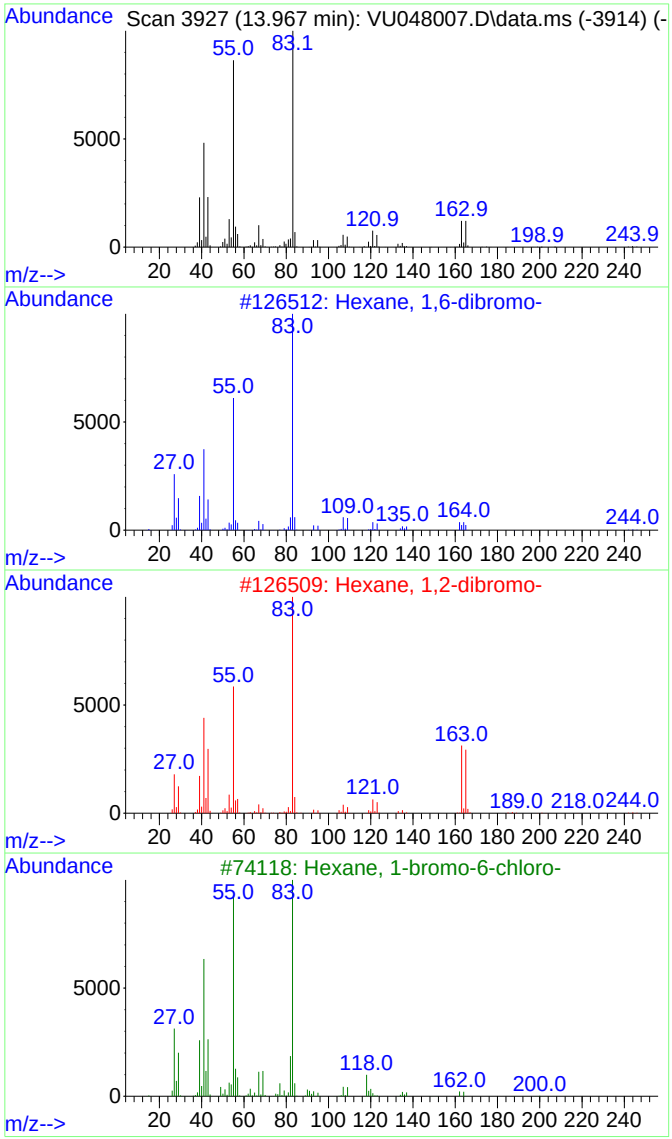
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

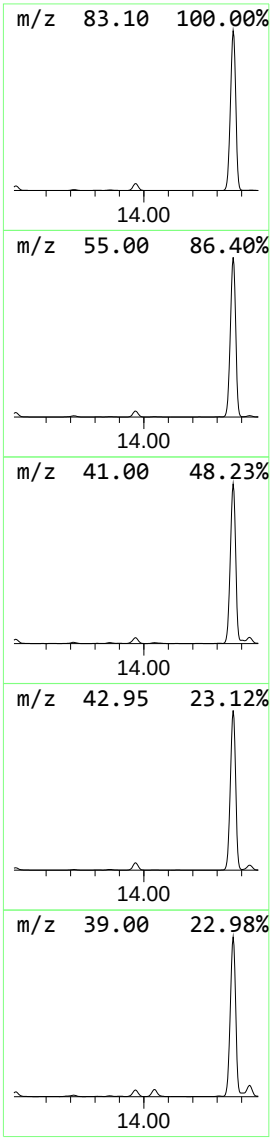
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Cyclohexane, nitro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.967	54.08 ug/L	1377430	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	72
2	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	64
3	Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	64
4	Cyclohexane, nitro-	129	C6H11NO2	001122-60-7	59
5	Acetaldehyde 2E-hexenyl 3Z-hexen...	226	C14H26O2	1000431-45-5	59





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Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

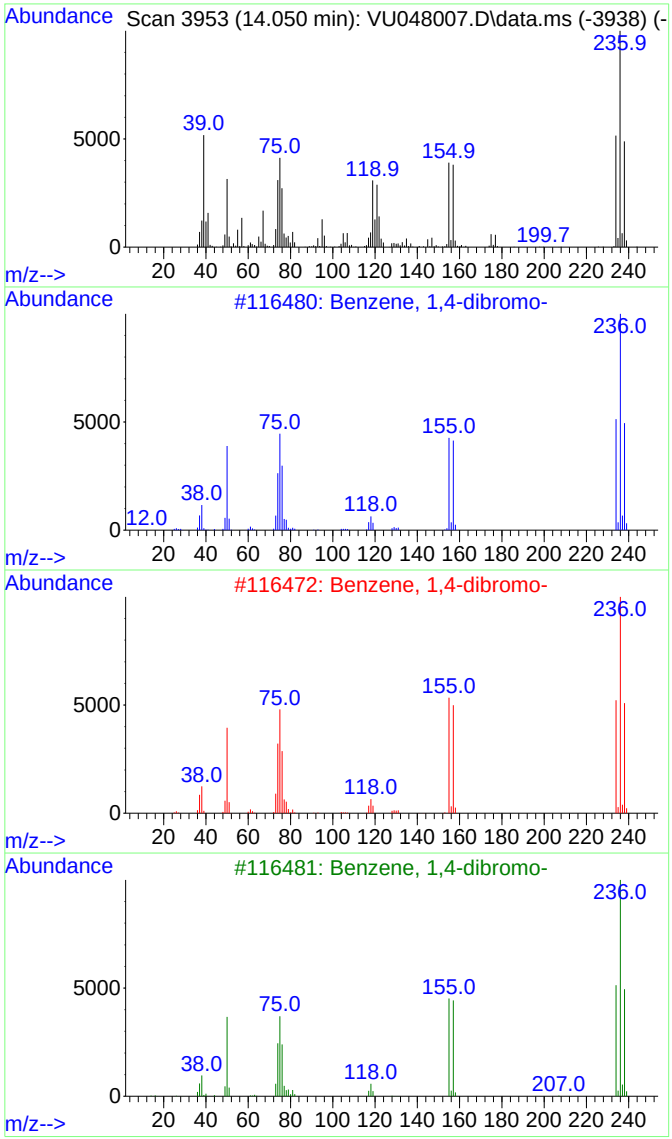
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

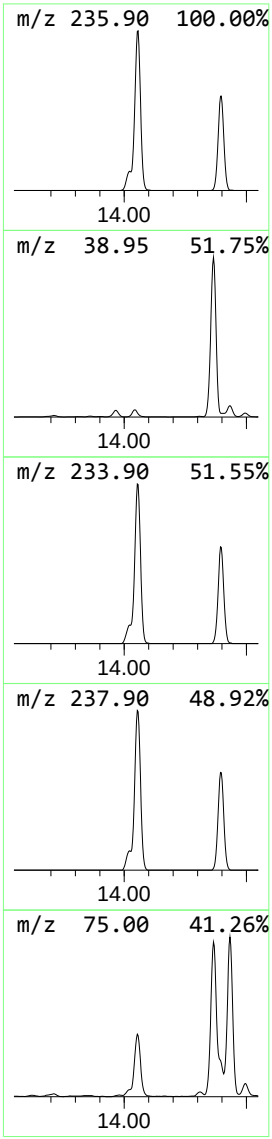
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 1,4-dibromo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.050	50.85 ug/L	1295350	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, 1,4-dibromo-	234	C6H4Br2	000106-37-6	99
4	Benzene, 1,3-dibromo-	234	C6H4Br2	000108-36-1	99
5	Benzene, 1,2-dibromo-	234	C6H4Br2	000583-53-9	99





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

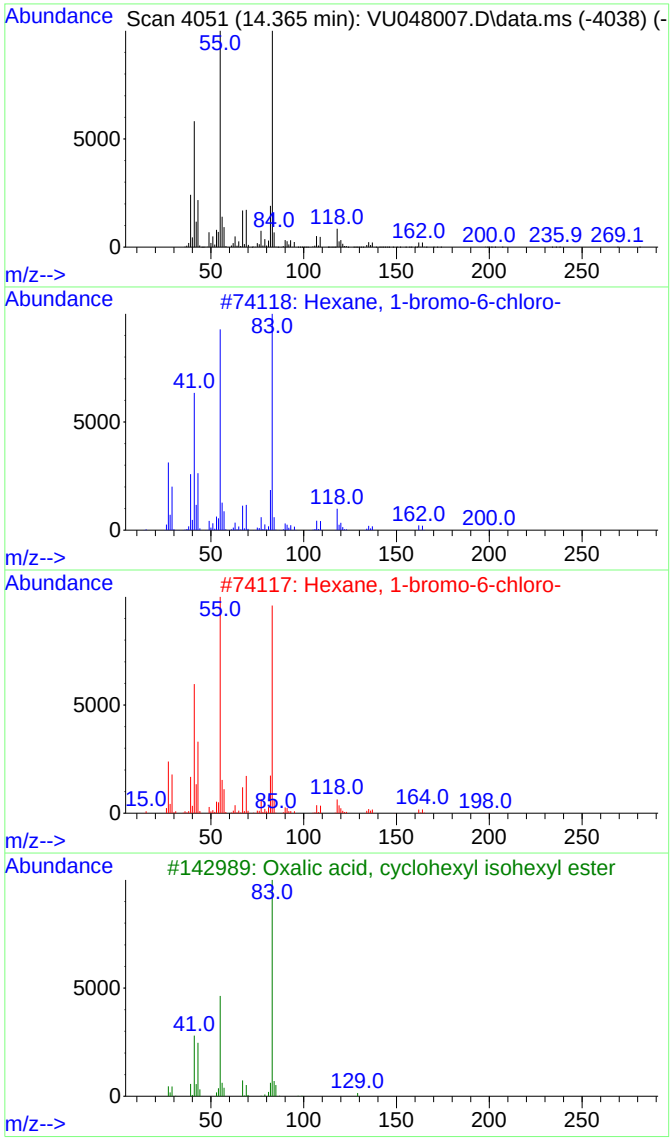
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

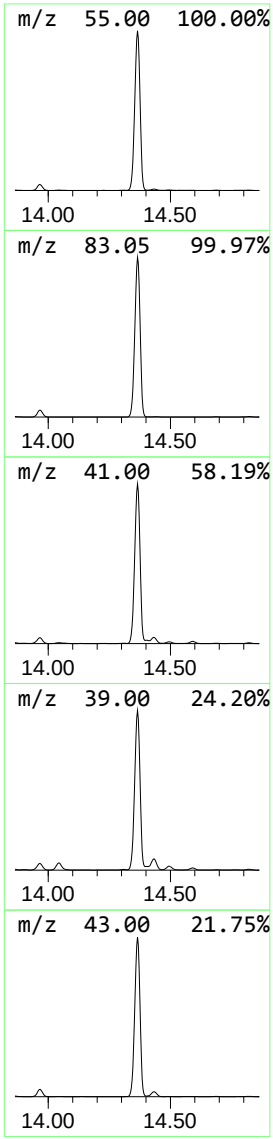
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Hexane, 1-bromo-6-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.365	1434.88 ug/L	36549400	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	91
3	Oxalic acid, cyclohexyl isohexyl...	256	C14H24O4	1010309-30-7	64
4	Oxalic acid, cyclohexyl dodecyl ...	340	C20H36O4	1000309-31-4	64
5	Oxalic acid, cyclohexyl nonyl ester	298	C17H30O4	1000309-31-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

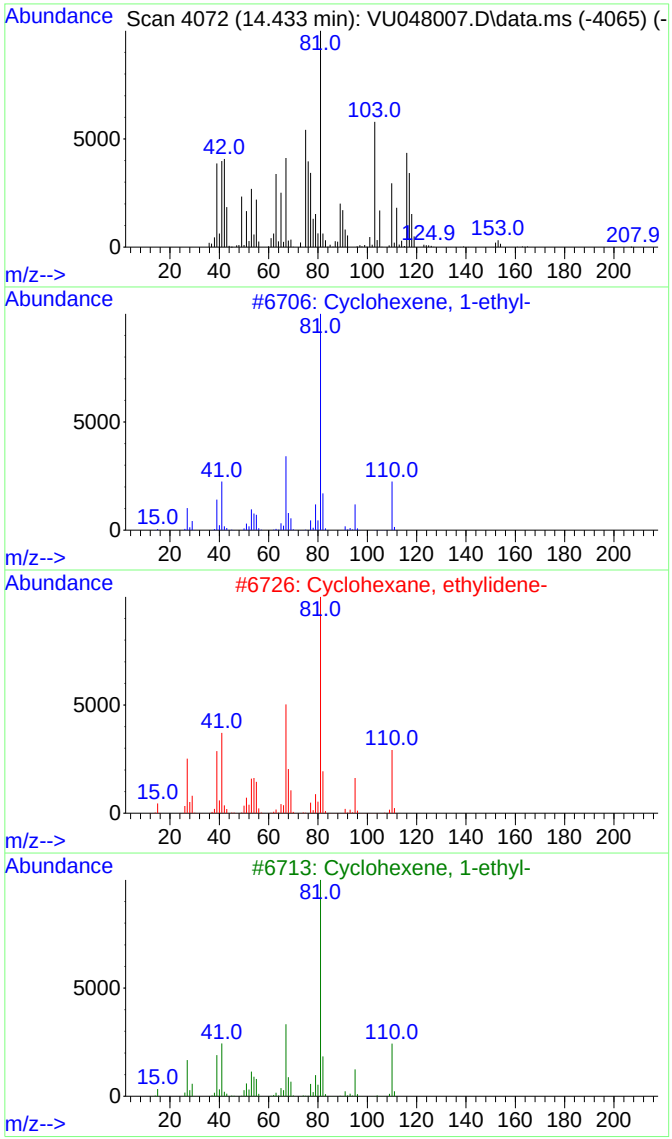
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

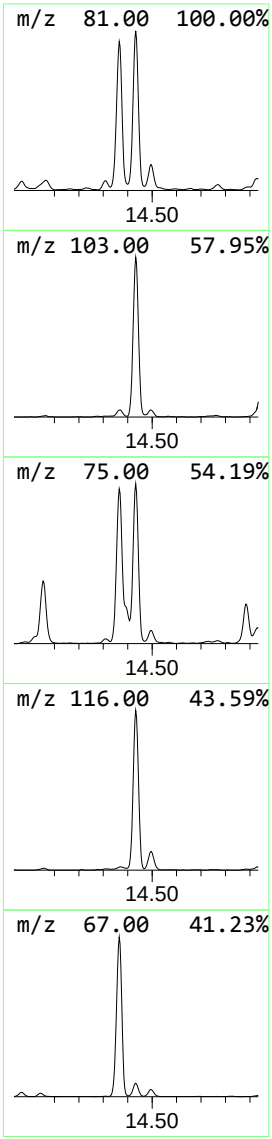
****

Peak Number 36 unknown-04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.433	98.39 ug/L	2506090	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	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	14
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	14
4	Cyclohexane, 1,4-dichloro-	152	C6H10Cl2	019398-57-3	12
5	Furan, 2-propyl-	110	C7H10O	004229-91-8	11





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

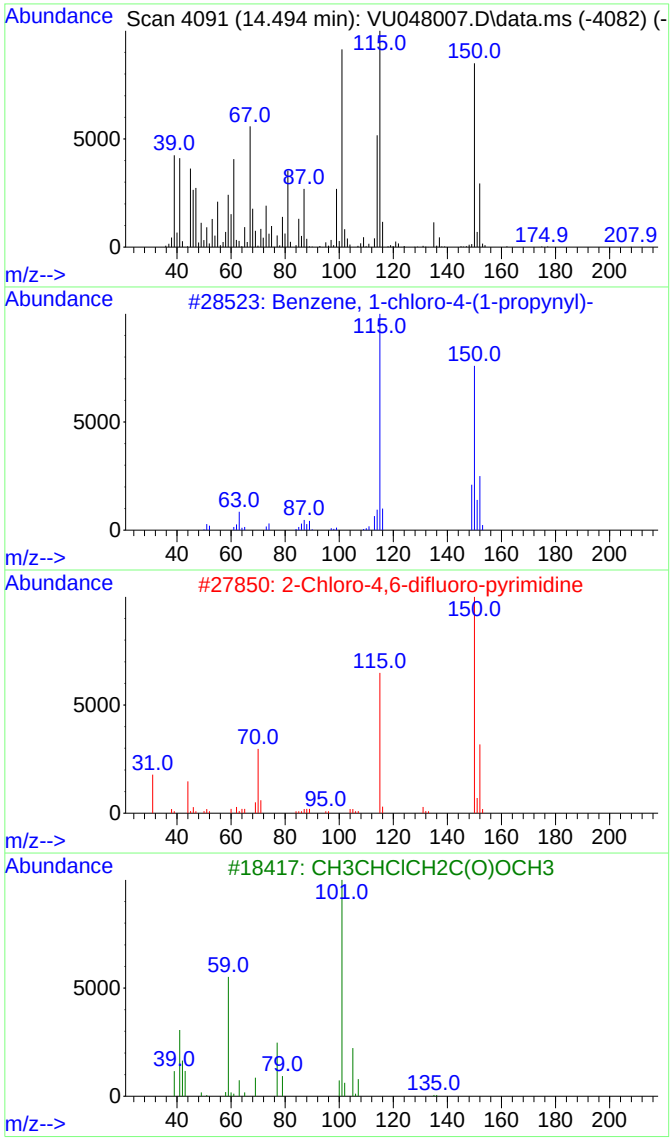
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

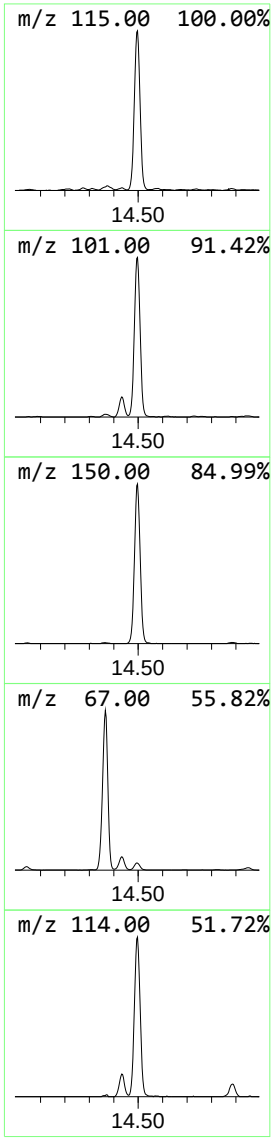
****

Peak Number 37 unknown-05 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.494	45.74 ug/L	1165170	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	27
3	CH3CHClCH2C(O)OCH3	136	C5H9ClO2	000817-76-5	11
4	Sulfurous acid, 2-methyl-4-metho...	336	C17H36O4S	1000309-21-1	10
5	4-thiazolecarboxamide, 2-amino-N...	173	C6H11N3OS	1000404-66-6	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

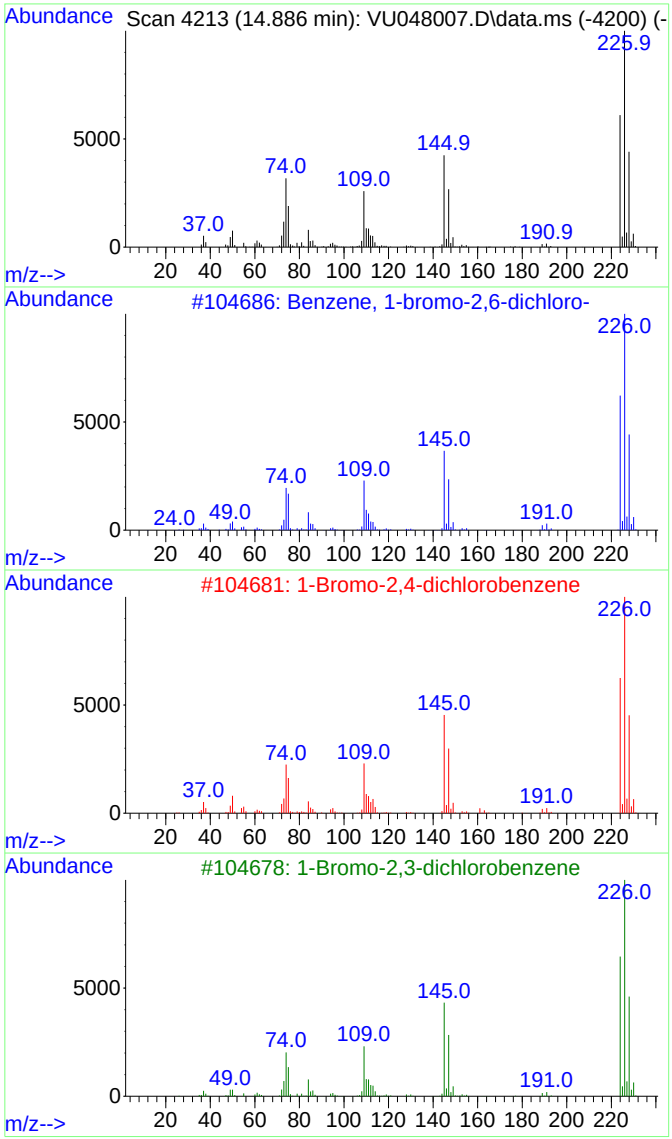
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

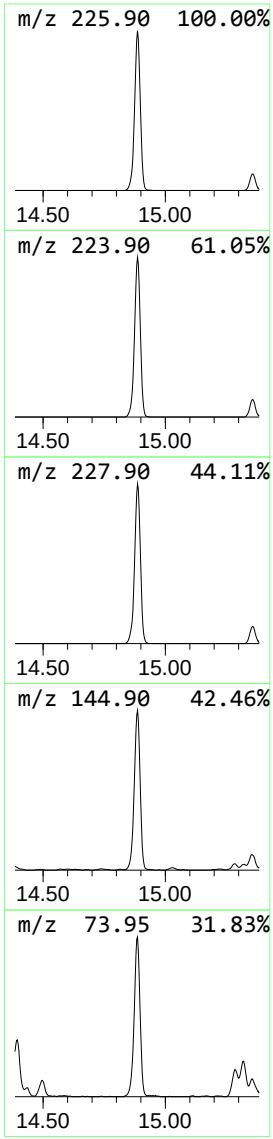
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, 1-bromo-2,6-dichloro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.886	36.49 ug/L	929376	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	99
2	1-Bromo-2,4-dichlorobenzene	224	C6H3BrCl2	001193-72-2	99
3	1-Bromo-2,3-dichlorobenzene	224	C6H3BrCl2	056961-77-4	99
4	Benzene, 4-bromo-1,2-dichloro-	224	C6H3BrCl2	018282-59-2	99
5	Benzene, 2-bromo-1,4-dichloro-	224	C6H3BrCl2	001435-50-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

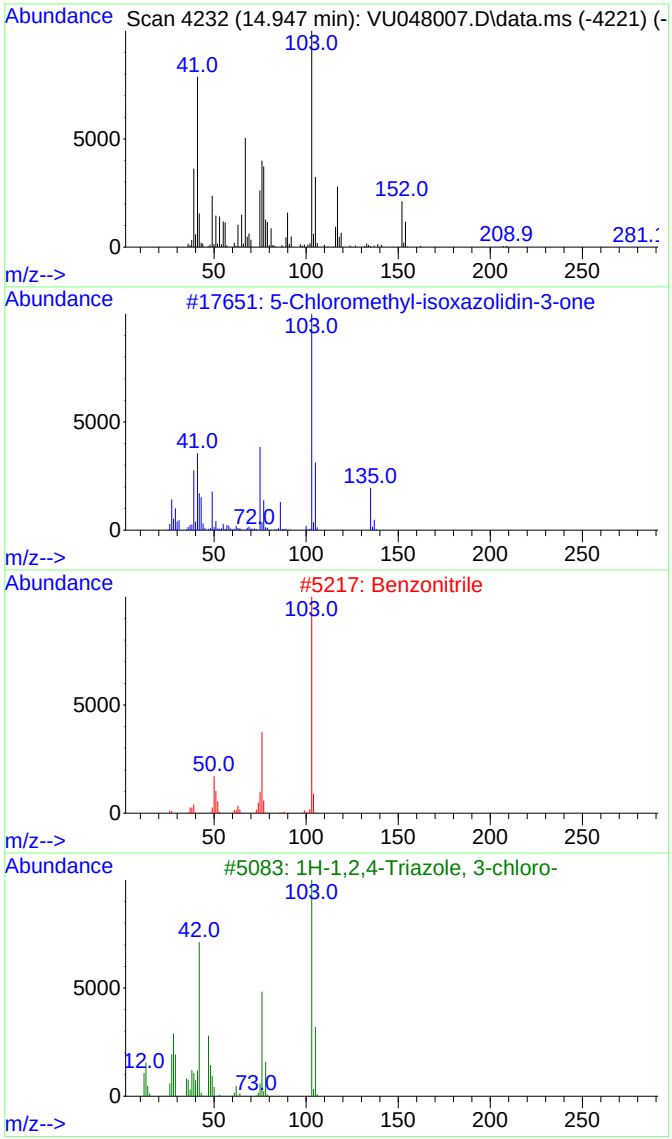
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

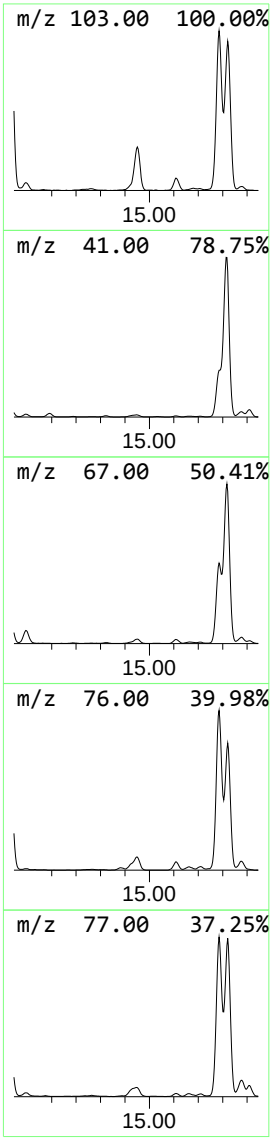
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 unknown-06 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.947	19.50 ug/L	496775	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Chloromethyl-isoxazolidin-3-one	135	C4H6ClNO2	1000193-70-0	37
2	Benzonitrile	103	C7H5N	000100-47-0	25
3	1H-1,2,4-Triazole, 3-chloro-	103	C2H2ClN3	006818-99-1	16
4	Tricyclo[3.1.0.0(2,4)]hex-3-ene-...	103	C7H5N	103495-51-8	12
5	1-Propanesulfonyl chloride, 3-ch...	176	C3H6Cl2O2S	001633-82-5	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

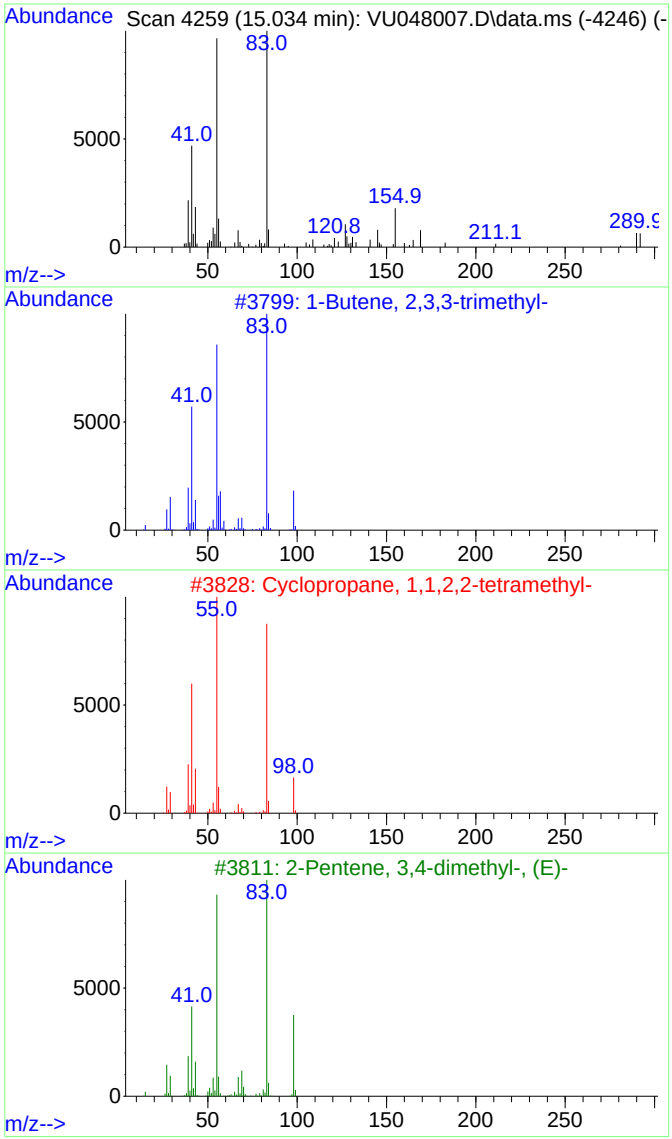
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

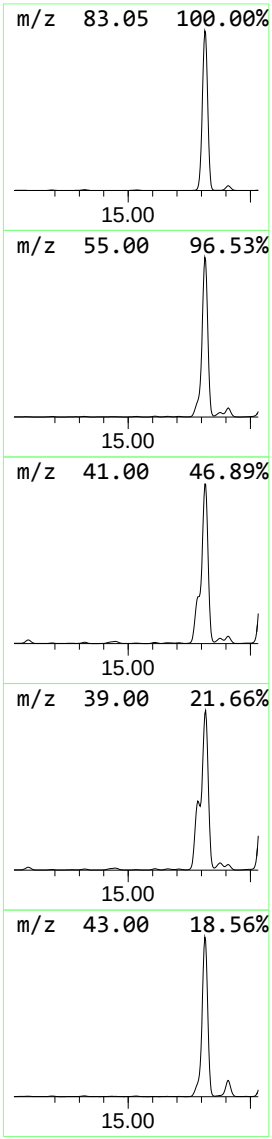
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.034	3.22 ug/L	82064	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	50
2	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	50
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	50
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	50
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

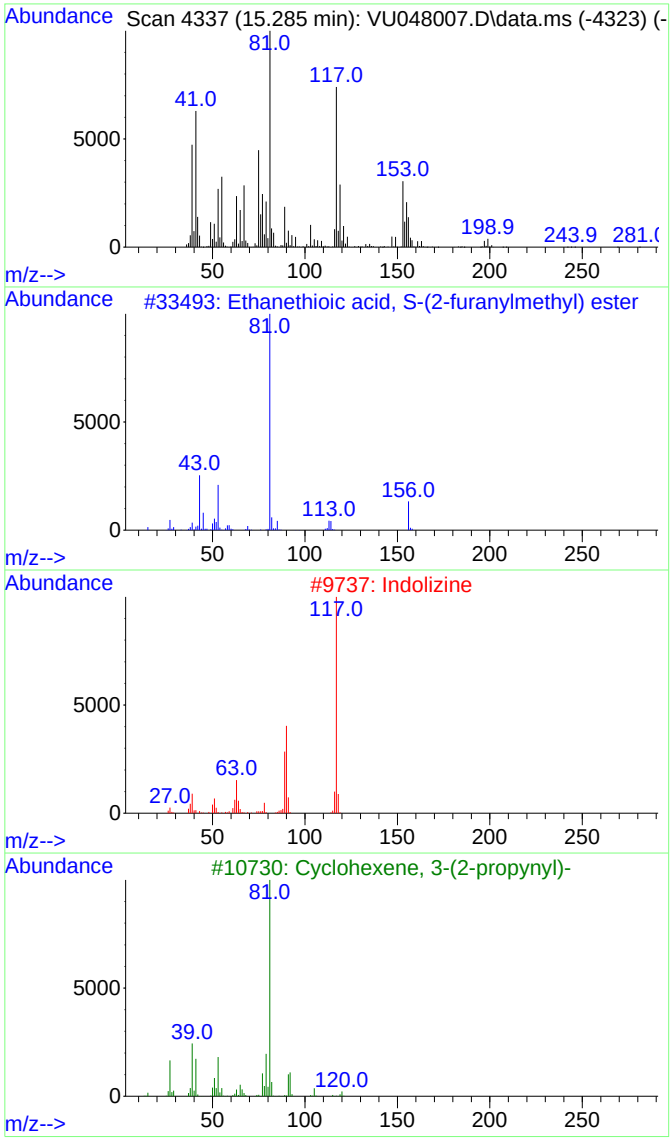
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

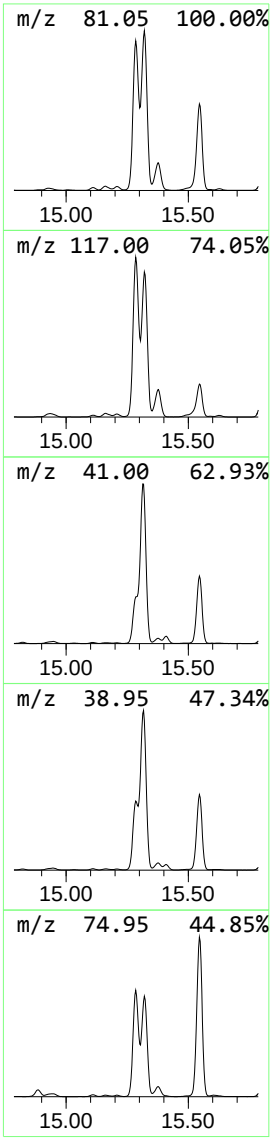
****

Peak Number 46 unknown-07 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.285	368.23 ug/L	9379480	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	Indolizine	117	C8H7N	000274-40-8	11
3	Cyclohexene, 3-(2-propynyl)-	120	C9H12	055956-43-9	11
4	Benzyl nitrile	117	C8H7N	000140-29-4	11
5	4-Ethynylaniline	117	C8H7N	014235-81-5	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

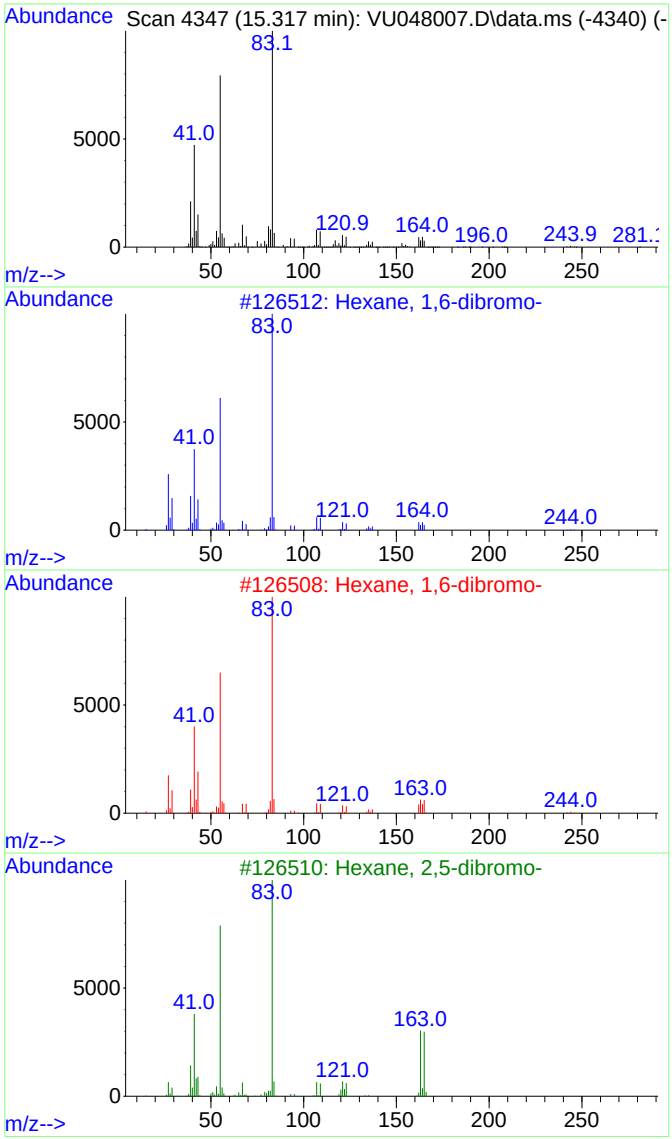
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

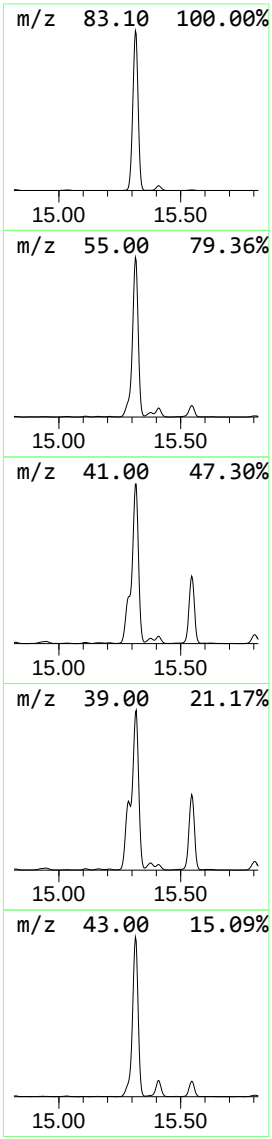
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Hexane, 1,6-dibromo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.317	1064.87 ug/L	27124400	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	83
4	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	72
5	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

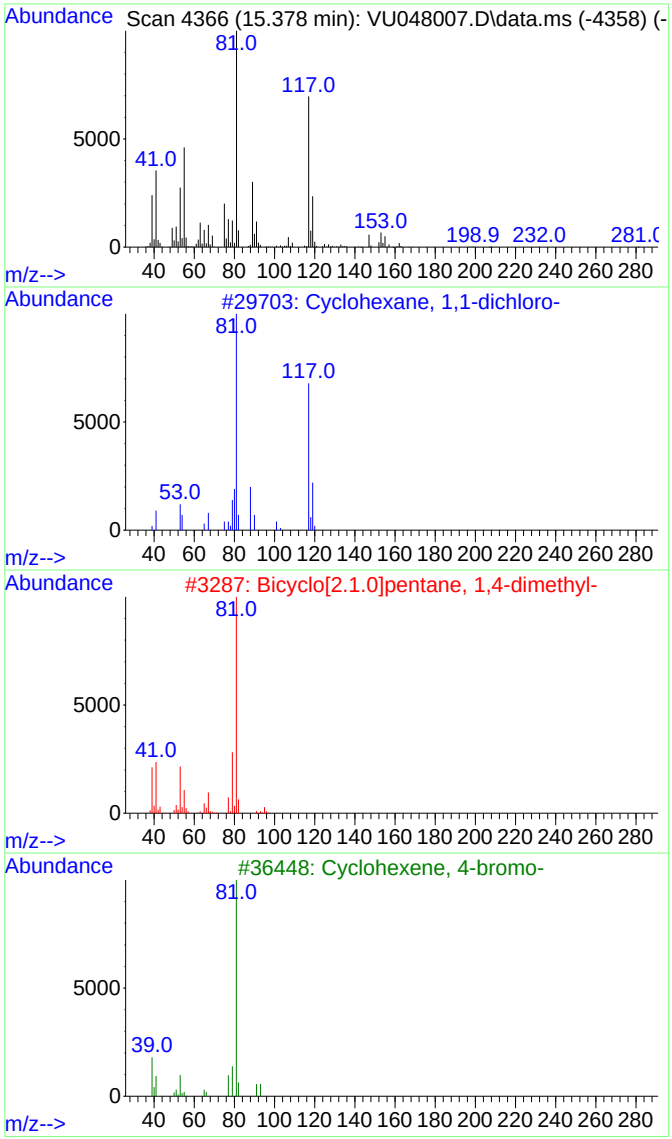
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

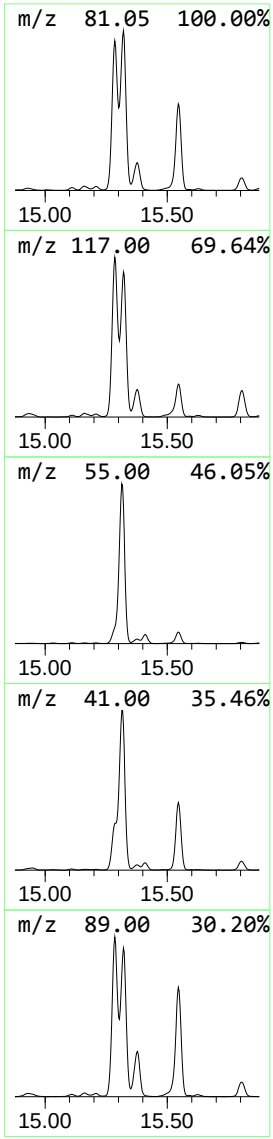
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Cyclohexane, 1,1-dichloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.378	57.47 ug/L	1463860	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	59
2	Bicyclo[2.1.0]pentane, 1,4-dimet...	96	C7H12	017065-18-8	35
3	Cyclohexene, 4-bromo-	160	C6H9Br	003540-84-9	35
4	Furfuryl ethyl ether	126	C7H10O2	1000450-02-5	35
5	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	35





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Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

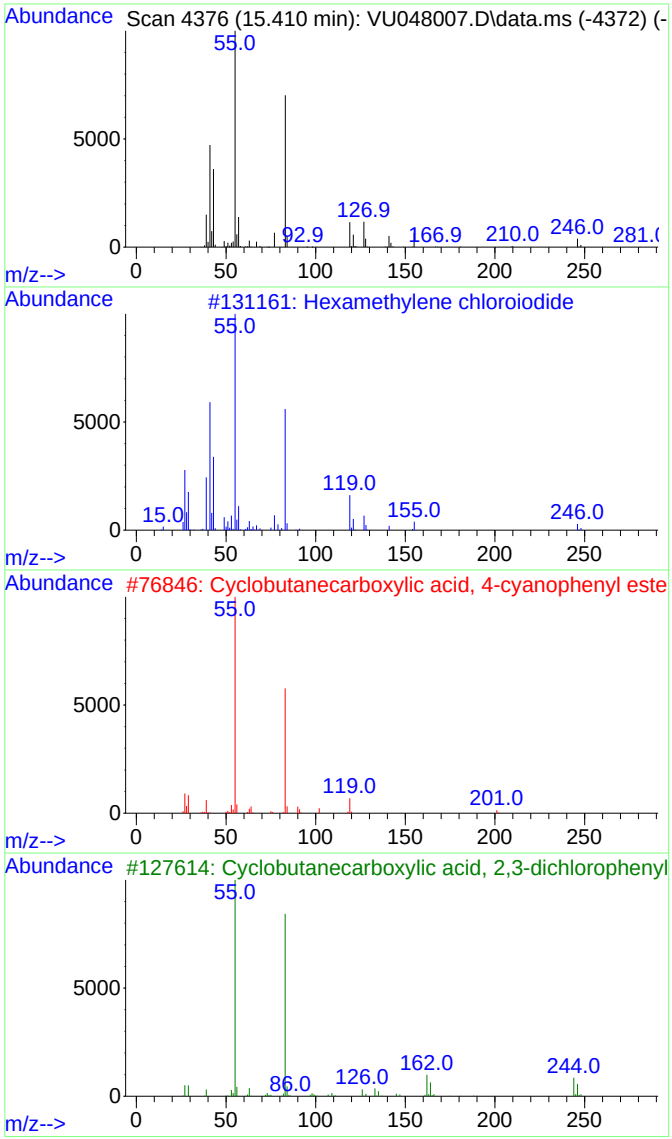
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

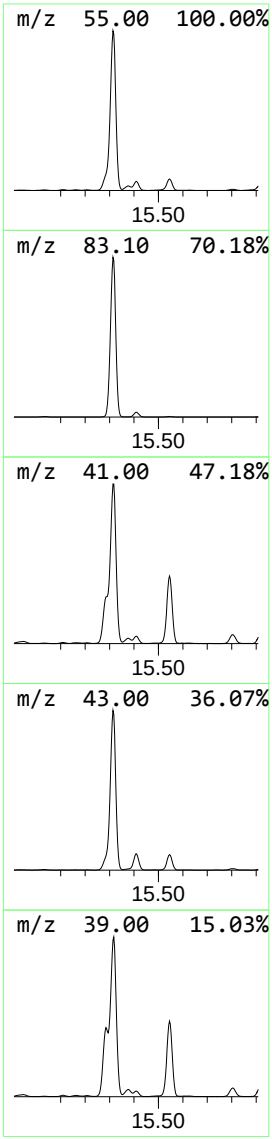
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Hexamethylene chloroiodide Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	30.04 ug/L	765116	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexamethylene chloroiodide	246	C6H12ClI	034683-73-3	83
2	Cyclobutanecarboxylic acid, 4-cy...	201	C12H11NO2	1000307-44-0	50
3	Cyclobutanecarboxylic acid, 2,3-...	244	C11H10Cl2O2	1000331-09-3	47
4	Cyclobutanecarboxylic acid, 3,4-...	244	C11H10Cl2O2	1000307-44-1	47
5	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

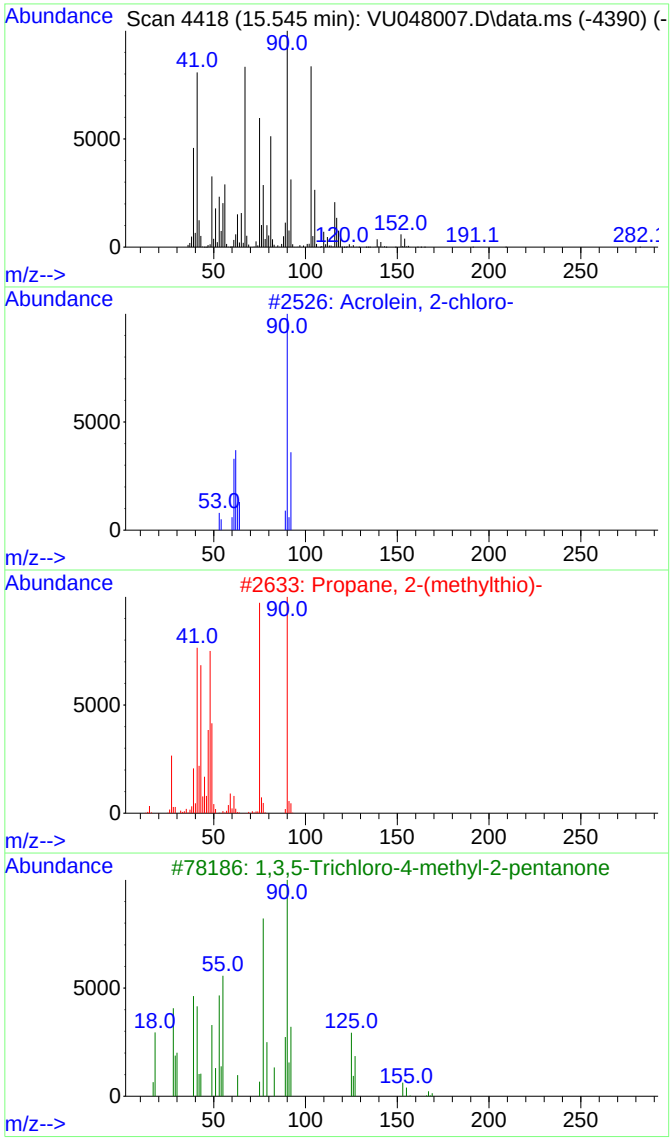
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

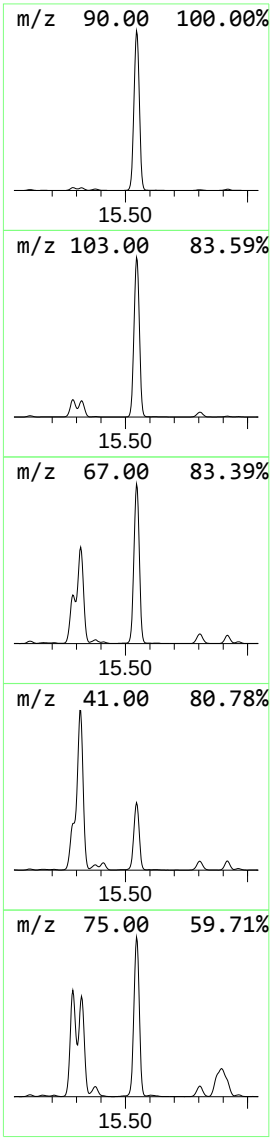
****

Peak Number 50 unknown-08 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.545	504.36 ug/L	12847200	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	Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	28
3	1,3,5-Trichloro-4-methyl-2-penta...	202	C6H9Cl3O	1000140-03-8	25
4	2,2-Bis(chloromethyl)-1-propanol	156	C5H10Cl2O	005355-54-4	23
5	Borane, chloro(dimethylamino)ethyl-	119	C4H11BClN	001739-26-0	23





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Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

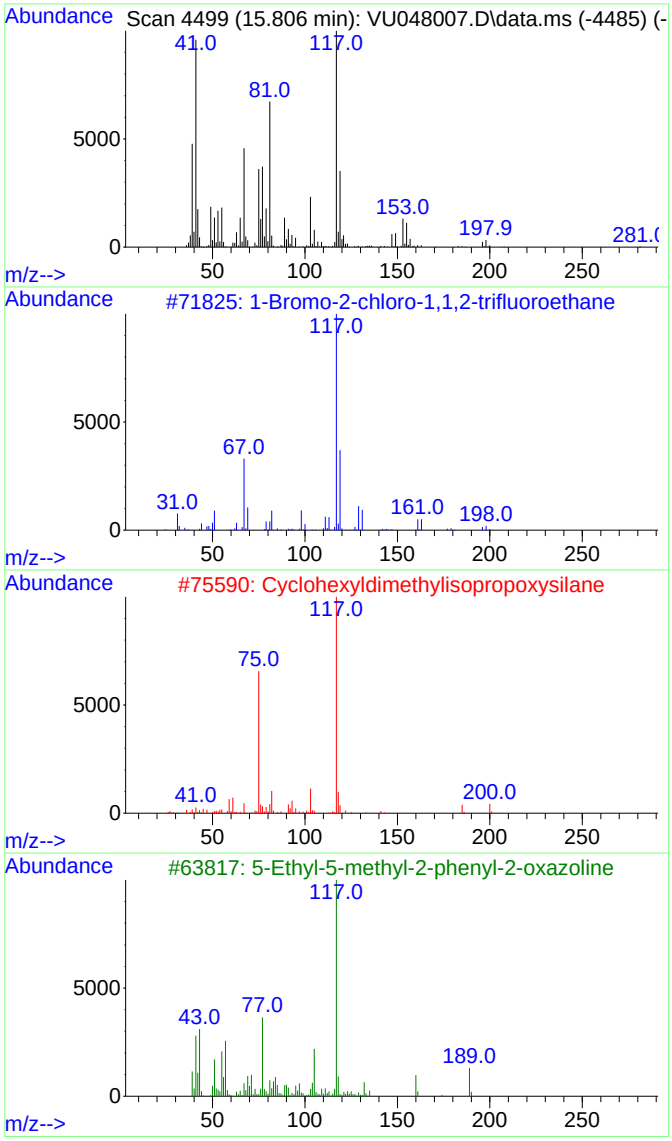
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

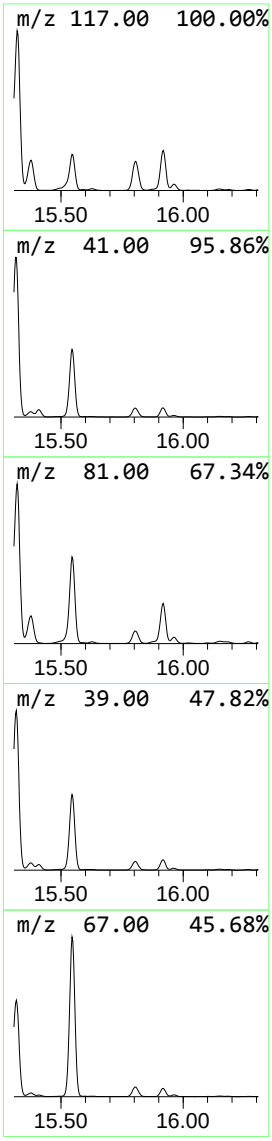
****

Peak Number 51 unknown-09 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.806	52.98 ug/L	1349540	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	47
2	Cyclohexyldimethylisopropoxysilane	200	C11H24OSi	1000282-21-5	27
3	5-Ethyl-5-methyl-2-phenyl-2-oxaz...	189	C12H15NO	091875-70-6	25
4	3-Chloro-5-propyl-1H-1,2,4-triazole	145	C5H8ClN3	063580-18-7	17
5	Phosphorochloridic acid, nonyl p...	312	C14H30ClO3P	1000309-09-2	16





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Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

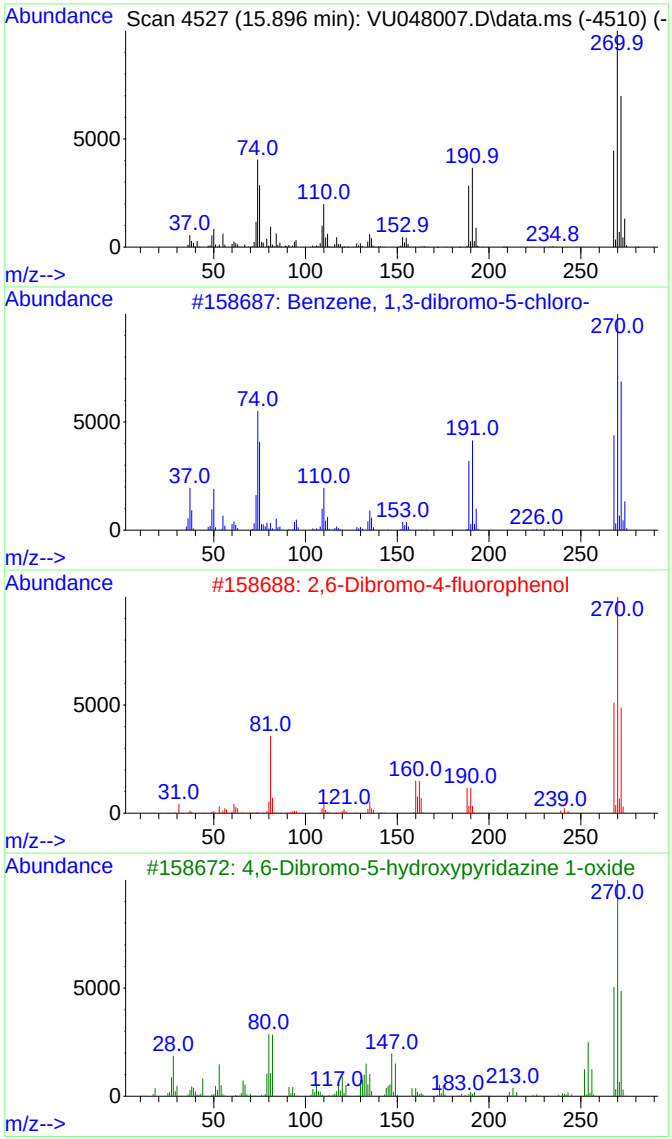
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

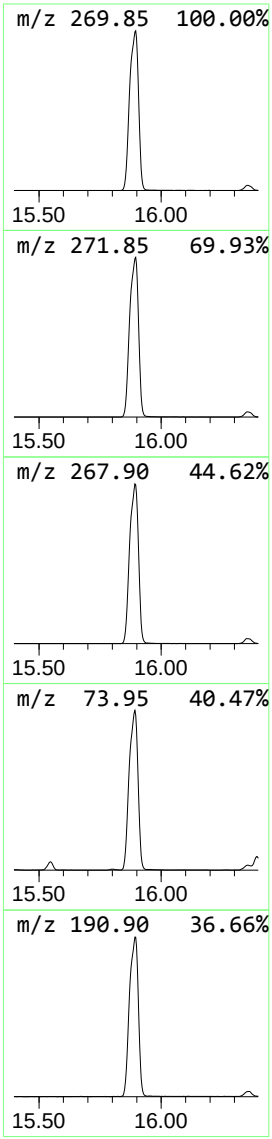
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Benzene, 1,3-dibromo-5-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.896	233.49 ug/L	5947390	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	87
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 : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

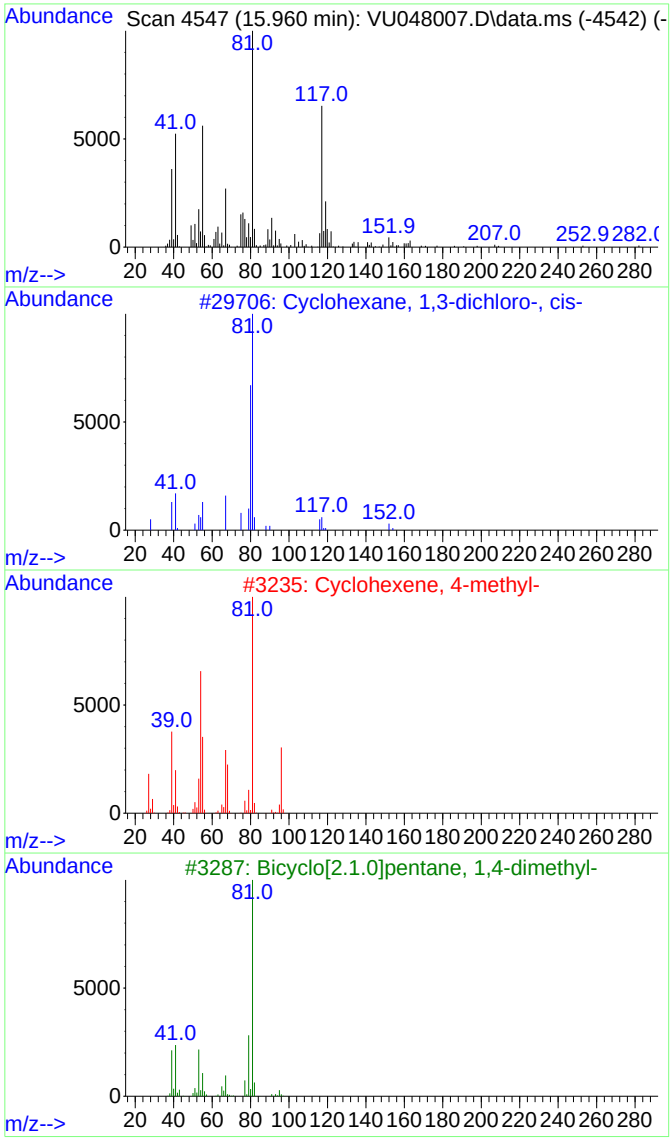
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

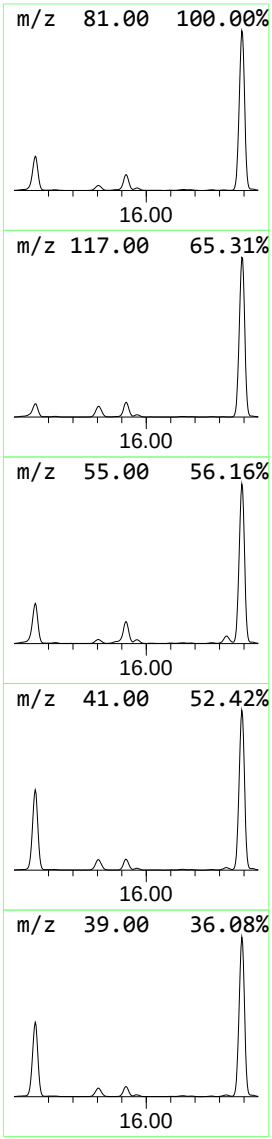
****

Peak Number 53 unknown-10 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.960	11.67 ug/L	297363	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dichloro-, cis-	152	C6H10Cl2	024955-63-3	43
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	38
3	Bicyclo[2.1.0]pentane, 1,4-dimet...	96	C7H12	017065-18-8	35
4	2,4-Dimethyl 1,4-pentadiene	96	C7H12	004161-65-3	35
5	Cyclobutane, 1,1-dimethyl-3-meth...	96	C7H12	019037-73-1	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

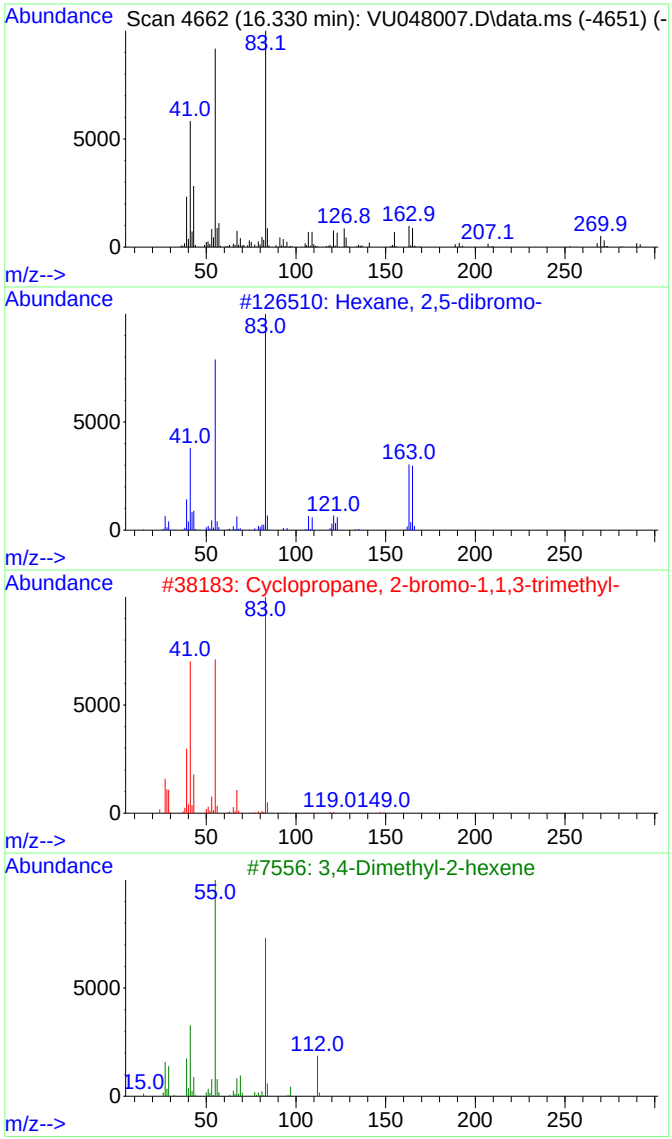
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

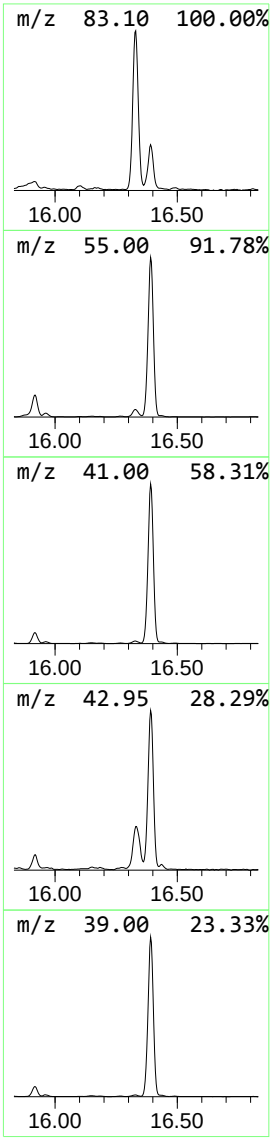
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Hexane, 2,5-dibromo- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.330	14.43 ug/L	367613	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	80
2	Cyclopropane, 2-bromo-1,1,3-trim...	162	C6H11Br	036617-00-2	59
3	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	59
4	Hexane, 1,2-dibromo-	242	C6H12Br2	000624-20-4	59
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

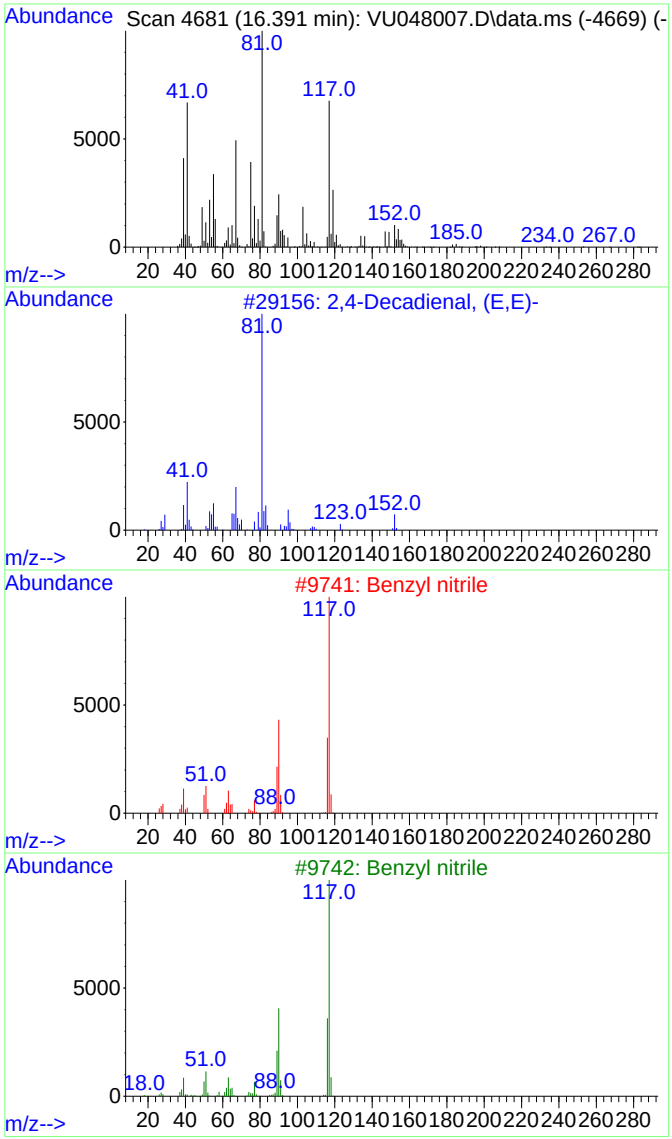
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

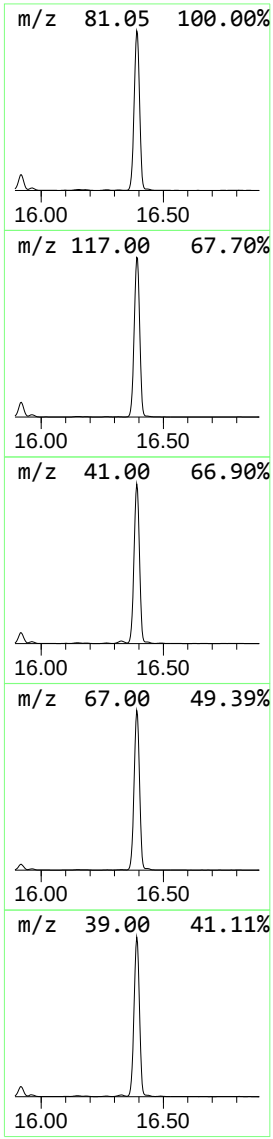
****

Peak Number 57 unknown-11 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.391	956.33 ug/L	24359700	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	Indole	117	C8H7N	000120-72-9	15





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

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

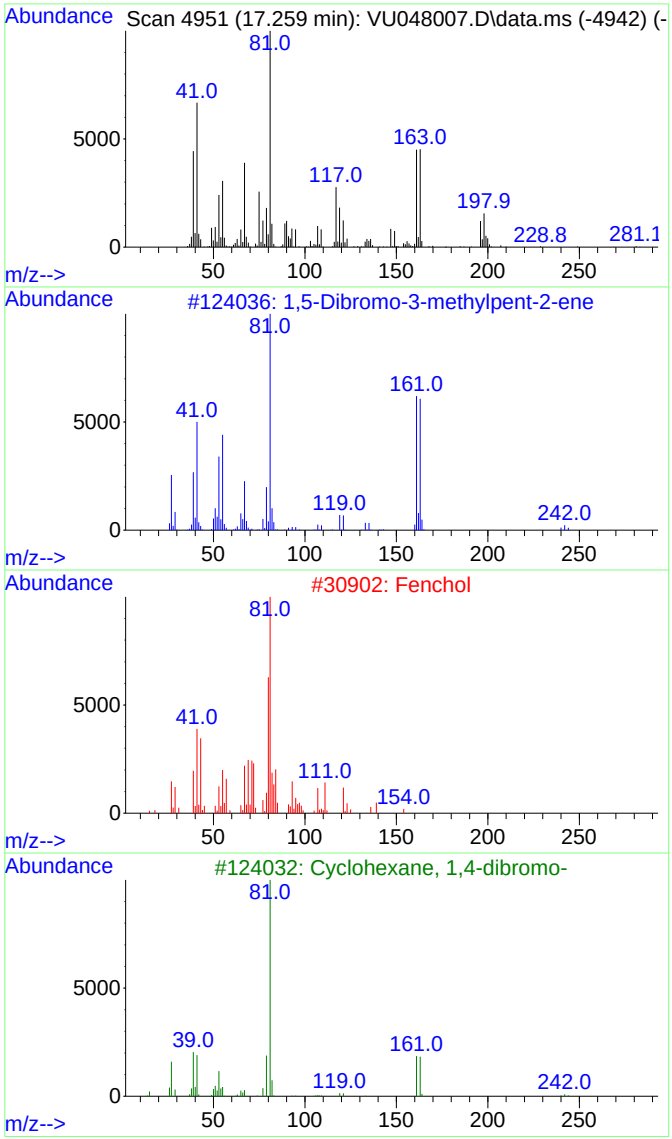
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

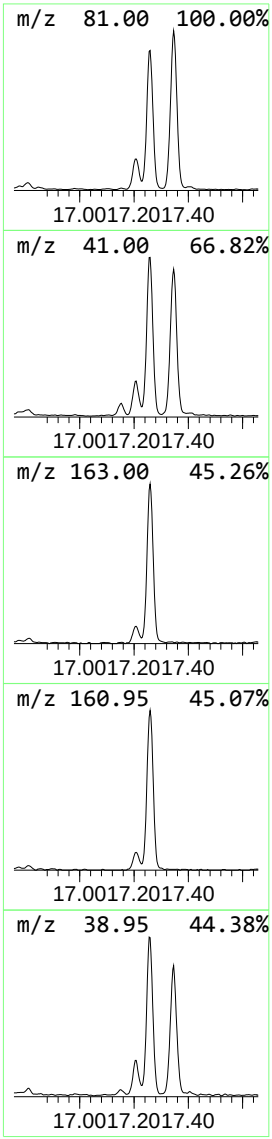
****

Peak Number 59 unknown-12 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.259	28.06 ug/L	714782	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Dibromo-3-methylpent-2-ene	240	C6H10Br2	133545-67-2	40
2	Fenchol	154	C10H18O	001632-73-1	38
3	Cyclohexane, 1,4-dibromo-	240	C6H10Br2	035076-92-7	38
4	Cyclohexane, 1,2-dibromo-	240	C6H10Br2	005401-62-7	38
5	Cyclohexane, 1,2-dibromo-	240	C6H10Br2	005401-62-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNS2

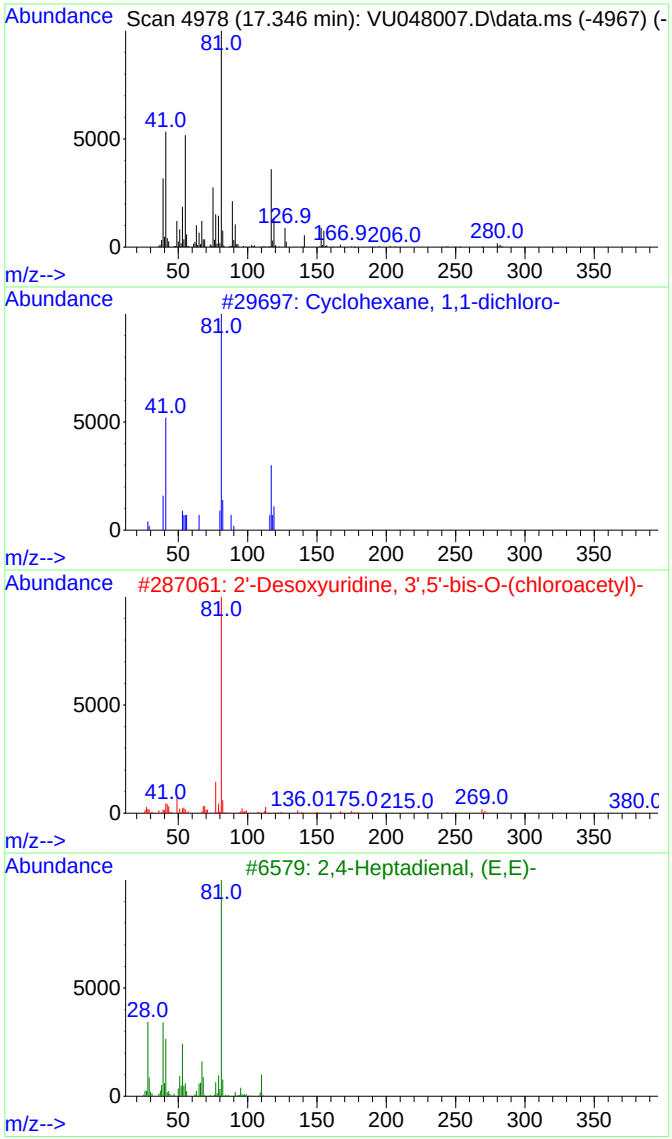
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

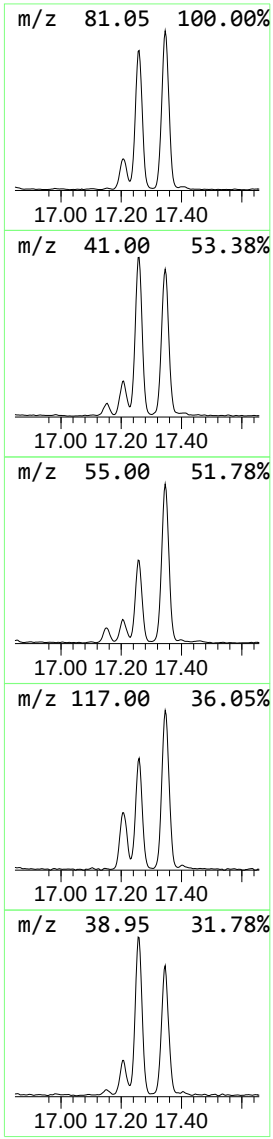
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 unknown-13 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.346	23.96 ug/L	610430	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	38
2	2'-Desoxyuridine, 3',5'-bis-O-(c...	380	C13H14Cl2N2O7	1000151-04-0	38
3	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	35
4	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	35
5	1-Heptyne	96	C7H12	000628-71-7	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048007.D
Acq On : 13 Apr 2022 16:34
Operator : SY/MD
Sample : N2358-02
Misc : 6.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 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...	3.054	3.2	ug/L	47104	1	6.247	742647	50.0
(DEL) Alkane: S...	3.337	3.4	ug/L	51068	1	6.247	742647	50.0
(DEL) Alkane: S...	3.674	3.2	ug/L	47425	1	6.247	742647	50.0
2-Propen-1-ol	4.115	32.3	ug/L	479524	1	6.247	742647	50.0
(DEL) Alkane: S...	5.581	16.8	ug/L	249905	1	6.247	742647	50.0
(DEL) Alkane: S...	6.128	16.5	ug/L	244827	1	6.247	742647	50.0
unknown-01	10.658	63.0	ug/L	1605460	3	11.816	1273600	50.0
unknown-02	11.960	21.6	ug/L	549633	3	11.816	1273600	50.0
unknown-03	12.471	14.0	ug/L	355462	3	11.816	1273600	50.0
1-Propene, 1-ch...	12.616	13.2	ug/L	336990	3	11.816	1273600	50.0
Benzene, 1-brom...	12.970	1009.6	ug/L	25715700	3	11.816	1273600	50.0
Hexane, 1,2-dib...	13.166	94.9	ug/L	2416240	3	11.816	1273600	50.0
Benzene, 1-brom...	13.330	906.4	ug/L	23088800	3	11.816	1273600	50.0
Hexane, 1,6-dic...	13.378	612.5	ug/L	15601400	3	11.816	1273600	50.0
Cyclohexane, br...	13.475	45.5	ug/L	1159250	3	11.816	1273600	50.0
Trichloroacetic...	13.713	15.9	ug/L	403727	3	11.816	1273600	50.0
Cyclohexane, ni...	13.967	54.1	ug/L	1377430	3	11.816	1273600	50.0
Benzene, 1,4-di...	14.050	50.9	ug/L	1295350	3	11.816	1273600	50.0
Hexane, 1-bromo...	14.365	1434.9	ug/L	36549400	3	11.816	1273600	50.0
unknown-04	14.433	98.4	ug/L	2506090	3	11.816	1273600	50.0
unknown-05	14.494	45.7	ug/L	1165170	3	11.816	1273600	50.0
Benzene, 1-brom...	14.886	36.5	ug/L	929376	3	11.816	1273600	50.0
unknown-06	14.947	19.5	ug/L	496775	3	11.816	1273600	50.0
(DEL) Alkane: S...	15.034	3.2	ug/L	82064	3	11.816	1273600	50.0
unknown-07	15.285	368.2	ug/L	9379480	3	11.816	1273600	50.0
Hexane, 1,6-dib...	15.317	1064.9	ug/L	27124400	3	11.816	1273600	50.0
Cyclohexane, 1,...	15.378	57.5	ug/L	1463860	3	11.816	1273600	50.0
Hexamethylene c...	15.410	30.0	ug/L	765116	3	11.816	1273600	50.0
unknown-08	15.545	504.4	ug/L	12847200	3	11.816	1273600	50.0
unknown-09	15.806	53.0	ug/L	1349540	3	11.816	1273600	50.0
Benzene, 1,3-di...	15.896	233.5	ug/L	5947390	3	11.816	1273600	50.0
unknown-10	15.960	11.7	ug/L	297363	3	11.816	1273600	50.0
Hexane, 2,5-dib...	16.330	14.4	ug/L	367613	3	11.816	1273600	50.0
unknown-11	16.391	956.3	ug/L	24359700	3	11.816	1273600	50.0
unknown-12	17.259	28.1	ug/L	714782	3	11.816	1273600	50.0
unknown-13	17.346	24.0	ug/L	610430	3	11.816	1273600	50.0