LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

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\SFAMULM031523WMA.M
Title : VOC Analysis

Signal : TIC: VU053289.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	23	rVB	4664217	3953485	40.47%	8.558%
2	1.436	23	30	35	rBV	25137	26139	0.27%	0.057%
3	1.597	69	80	95	rVB	92384	125438	1.28%	0.272%
4	1.909	169	177	194	rVV	62452	88822	0.91%	0.192%
5	2.478	344	354	365	rBV	39485	65612	0.67%	0.142%
6	2.562	367	380	390	rVV	118429	202129	2.07%	0.438%
7	2.616	390	397	406	rVV	25736	40752	0.42%	0.088%
8	2.681	406	417	430	rVV	225949	377512	3.86%	0.817%
9	2.745	430	437	449	rVB2	14917	24871	0.25%	0.054%
10	2.941	488	498	512	rBV	14851	26843	0.27%	0.058%
11	3.131	548	557	568	rBV3	30009	57038	0.58%	0.123%
12	3.231	580	588	601	rVB2	12368	25195	0.26%	0.055%
13	3.356	614	627	643	rVB	9986	21925	0.22%	0.047%
14	3.931	797	806	811	rBV2	22868	42340	0.43%	0.092%
15	4.526	973	991	1006	rBV2	105924	257440	2.64%	0.557%
16	4.610	1006	1017	1035	rBV	58402	143919	1.47%	0.312%
17	4.967	1119	1128	1142	rBV3	9275	22543	0.23%	0.049%
18	5.057	1143	1156	1174	rVV2	115022	251038	2.57%	0.543%
19	5.385	1239	1258	1275	rBV	366088	833454	8.53%	1.804%
20	5.771	1343	1378	1396	rBV	4611118	9769515	100.00%	21.147%
21	5.954	1424	1435	1460	rVB	348092	738365	7.56%	1.598%
22	6.243	1512	1525	1538	rBV	184919	347212	3.55%	0.752%
23	6.465	1580	1594	1613	rBV	438073	784832	8.03%	1.699%
24	6.684	1645	1662	1672	rBV	147179	288004	2.95%	0.623%
25	6.758	1673	1685	1706	rVB2	270072	573158	5.87%	1.241%
26	6.976	1743	1753	1771	rVB2	31859	61225	0.63%	0.133%
27	7.562	1922	1935	1952	rBV	85310	153239	1.57%	0.332%
28	7.783	1985	2004	2016	rVV3	44886	98090	1.00%	0.212%
29	7.854	2016	2026	2028	rVV2	31301	47752	0.49%	0.103%
30	7.893	2029	2038	2050	rVV	301188	534038	5.47%	1.156%
31	7.963	2050	2060	2073	rVV	199595	337740	3.46%	0.731%
32	8.028	2073	2080	2092	rVV3	11139	25199	0.26%	0.055%
33	8.176	2115	2126	2135	rVV	58221	95583	0.98%	0.207%
34	8.234	2135	2144	2160	rVV6	50388	100385	1.03%	0.217%
35	8.568	2230	2248	2257	rBV	63464	114291	1.17%	0.247%
36	8.626	2257	2266	2297	rVB	196895	348591	3.57%	0.755%

LSC Area Percent Report

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Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

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\SFAMULM031523WMA.M
Title : VOC Analysis

37	8.799	2308	2320	2330	rVV9	9707	22435	0.23%	0.049%
38	8.861	2330	2339	2349	rVV	35447	59568	0.61%	0.129%
39	9.443	2499	2520	2536	rBV	3574068	6187357	63.33%	13.393%
40	9.565	2547	2558	2576	rVB	783322	1245680	12.75%	2.696%
41	9.690	2584	2597	2613	rVB	816546	1335229	13.67%	2.890%
42	9.941	2659	2675	2685	rVV2	114760	217289	2.22%	0.470%
43	10.005	2686	2695	2711	rVV	107662	197112	2.02%	0.427%
44	10.098	2714	2724	2738	rVB4	44664	91807	0.94%	0.199%
45	10.266	2769	2776	2787	rVB5	22809	39784	0.41%	0.086%
46	10.356	2793	2804	2812	rBV5	18661	36991	0.38%	0.080%
47	10.481	2831	2843	2855	rVB	132094	208916	2.14%	0.452%
48	10.645	2879	2894	2904	rBV	47956	78397	0.80%	0.170%
49	10.751	2916	2927	2941	rBV2	374226	587152	6.01%	1.271%
50	10.902	2963	2974	2986	rBV	163532	259977	2.66%	0.563%
51	10.992	2987	3002	3017	rVV	198514	472279	4.83%	1.022%
52	11.082	3017	3030	3047	rVB	256240	482061	4.93%	1.043%
53	11.291	3086	3095	3101	rVV2	33546	57467	0.59%	0.124%
54	11.336	3103	3109	3118	rVV	46119	72443	0.74%	0.157%
55	11.394	3118	3127	3137	rVV2	45880	79603	0.81%	0.172%
56	11.462	3137	3148	3160	rVV	404120	624357	6.39%	1.351%
57	11.516	3160	3165	3176	rVB7	17162	26638	0.27%	0.058%
58	11.642	3197	3204	3219	rVB	31296	54035	0.55%	0.117%
59	11.738	3227	3234	3243	rVB	64059	92858	0.95%	0.201%
60	11.806	3243	3255	3270	rVB2	288350	496846	5.09%	1.075%
61	11.889	3271	3281	3292	rBV2	53339	84373	0.86%	0.183%
62	12.092	3334	3344	3349	rBV2	117807	189465	1.94%	0.410%
63	12.188	3362	3374	3395	rVB3	435168	796632	8.15%	1.724%
64	12.298	3395	3408	3416	rBV3	42052	75465	0.77%	0.163%
65	12.368	3425	3430	3444	rVB4	28189	44258	0.45%	0.096%
66	12.462	3447	3459	3464	rBV	70764	110189	1.13%	0.239%
67	12.568	3478	3492	3500	rBV	172428	270751	2.77%	0.586%
68	12.680	3518	3527	3547	rVB4	92288	251671	2.58%	0.545%
69	12.806	3559	3566	3574	rBV2	25294	35633	0.36%	0.077%
70	12.966	3608	3616	3625	rVB2	173816	258665	2.65%	0.560%
71	13.021	3625	3633	3647	rVB	206925	319867	3.27%	0.692%
72	13.105	3652	3659	3664	rBV2	23045	33810	0.35%	0.073%
73	13.256	3699	3706	3708	rBV5	22292	28915	0.30%	0.063%
74	13.323	3721	3727	3742	rVB4	85448	161083	1.65%	0.349%
75	13.401	3743	3751	3755	rBV2	30612	46892	0.48%	0.102%
76	13.446	3755	3765	3781	rVB3	537397	908771	9.30%	1.967%

LSC Area Percent Report

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Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

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\SFAMULM031523WMA.M
Title : VOC Analysis

77	13.555	3794	3799	3806	rVB	25249	30211	0.31%	0.065%
78	13.619	3807	3819	3839	rVB	1330706	2088447	21.38%	4.521%
79	13.732	3848	3854	3862	rVB6	27193	39202	0.40%	0.085%
80	13.780	3863	3869	3876	rBV2	25380	36489	0.37%	0.079%
81	13.835	3877	3886	3900	rVV4	62878	123057	1.26%	0.266%
82	14.037	3939	3949	3954	rBV	137690	211494	2.16%	0.458%
83	14.082	3955	3963	3983	rVB	609538	1008946	10.33%	2.184%
84	14.185	3985	3995	4008	rVB	151912	243959	2.50%	0.528%
85	14.282	4009	4025	4038	rBV2	131830	244883	2.51%	0.530%
86	14.484	4078	4088	4092	rBV5	25659	44969	0.46%	0.097%
87	14.587	4109	4120	4132	rBV	150088	237492	2.43%	0.514%
88	14.683	4135	4150	4169	rVB	430451	728000	7.45%	1.576%
89	14.870	4201	4208	4218	rVB3	54614	83930	0.86%	0.182%
90	14.931	4218	4227	4239	rVB6	14101	32292	0.33%	0.070%
91	15.011	4241	4252	4269	rBV2	416557	667697	6.83%	1.445%
92	15.217	4300	4316	4326	rBV	455182	776598	7.95%	1.681%
93	15.404	4363	4374	4387	rBV	641881	1036275	10.61%	2.243%
94	15.574	4417	4427	4444	rVB4	30794	70844	0.73%	0.153%
95	15.925	4526	4536	4541	rBV2	44474	76456	0.78%	0.165%
96	16.143	4594	4604	4611	rBV2	48402	75497	0.77%	0.163%
97	16.259	4630	4640	4649	rBV	81098	129971	1.33%	0.281%
98	16.404	4672	4685	4692	rBV	164397	281365	2.88%	0.609%
99	16.442	4693	4697	4709	rVB	111248	153112	1.57%	0.331%
100	16.635	4740	4757	4780	rVB2	48362	129843	1.33%	0.281%

Sum of corrected areas: 46197464

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
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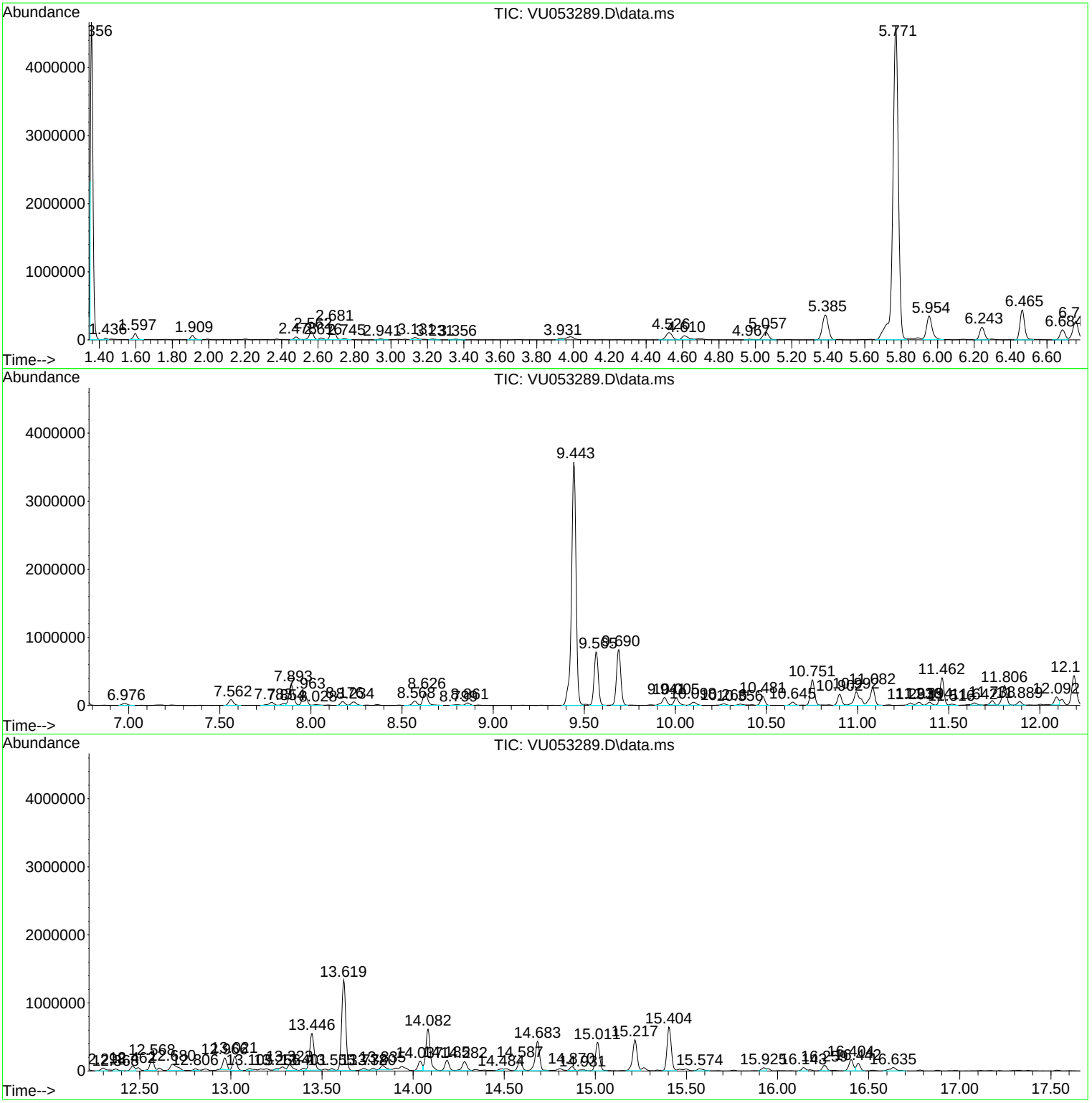
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

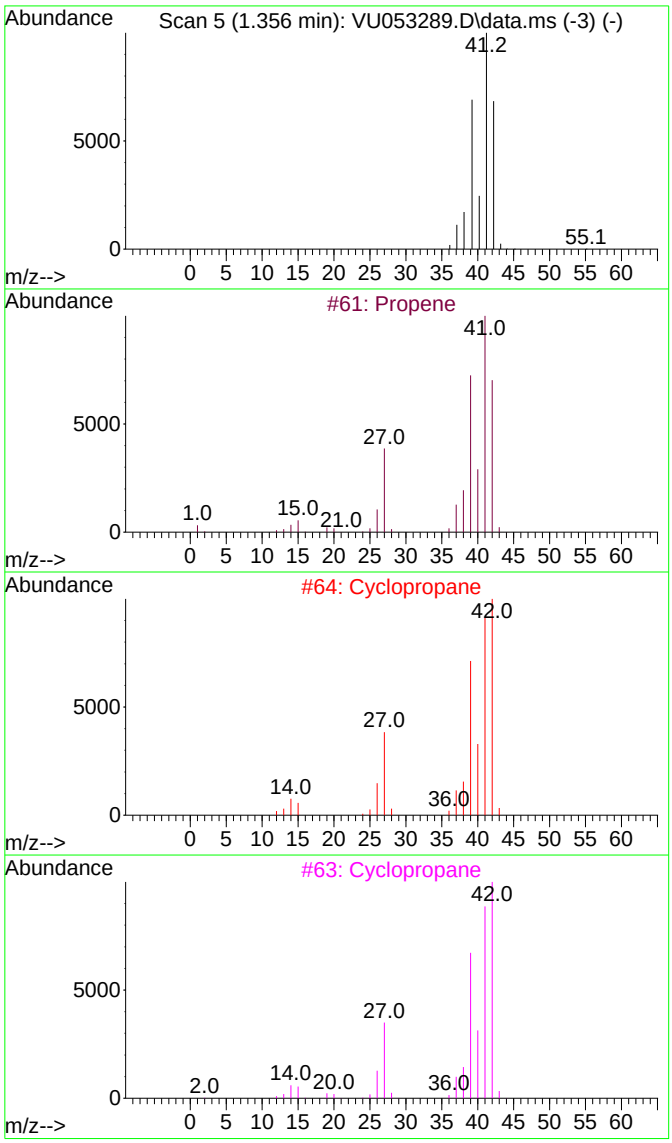
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

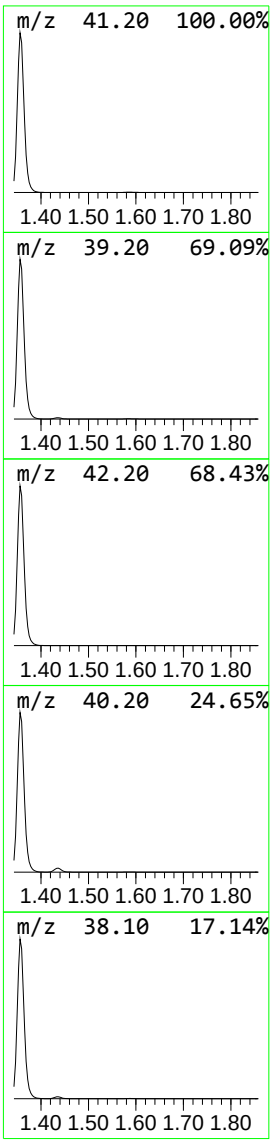
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.356	569.32 ug/L	3953490	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Cyclopropane	42	C3H6	000075-19-4	86
3	Cyclopropane	42	C3H6	000075-19-4	78
4	Propene	42	C3H6	000115-07-1	50
5	Cyclopropene	40	C3H4	002781-85-3	16





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

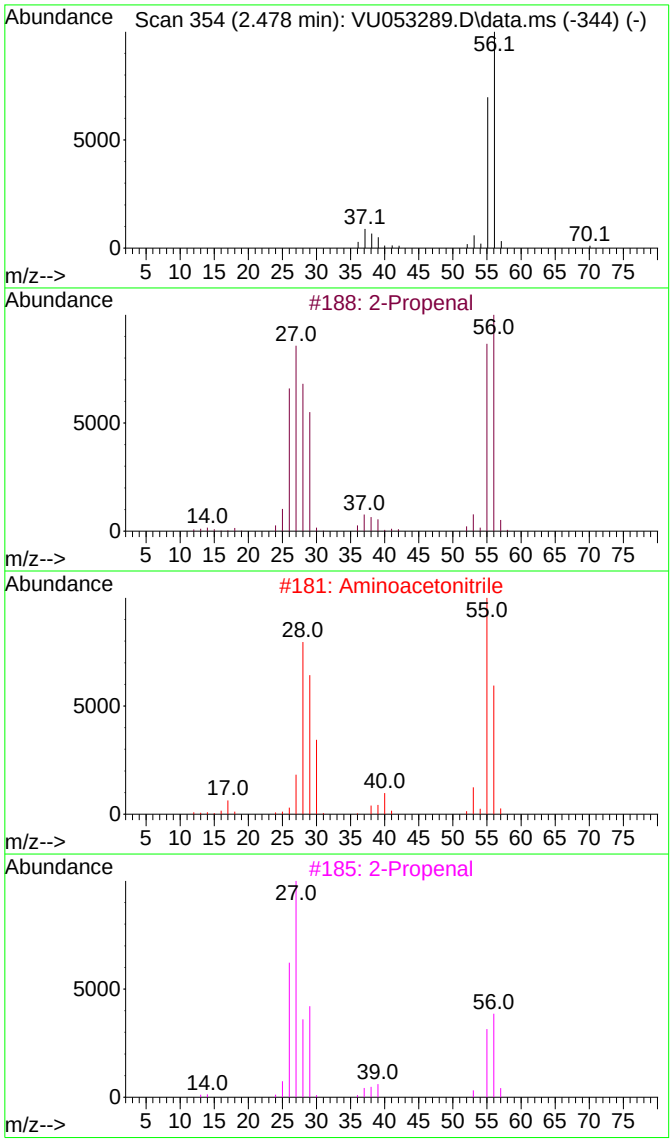
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

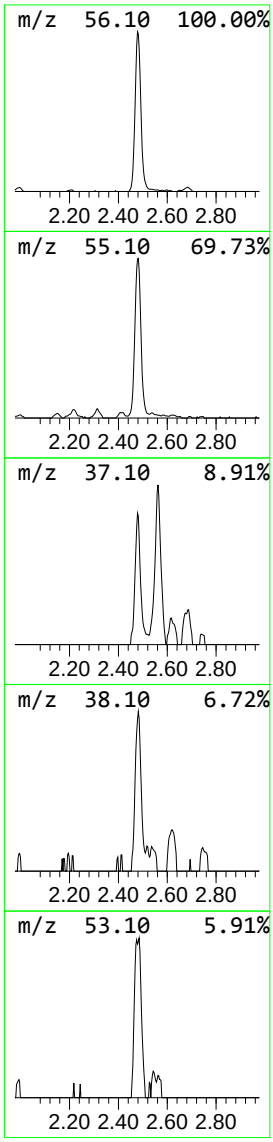
****

Peak Number 3 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.478	9.45 ug/L	65612	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal	56	C3H4O	000107-02-8	38
2	Aminoacetonitrile	56	C2H4N2	000540-61-4	9
3	2-Propenal	56	C3H4O	000107-02-8	7
4	2-Propenal	56	C3H4O	000107-02-8	7
5	Ethenamine, N-methylene-	55	C3H5N	038239-27-9	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

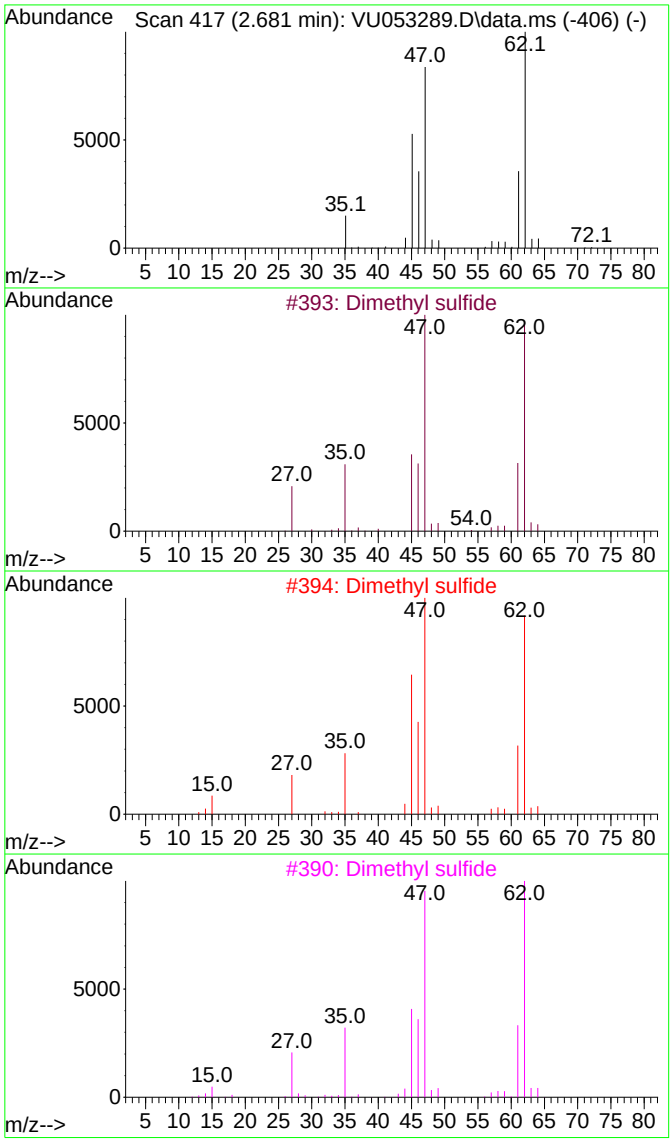
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

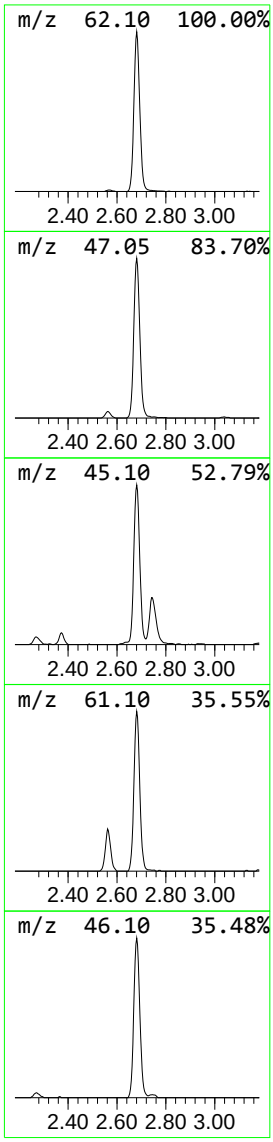
****

Peak Number 4 Dimethyl sulfide Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.681	54.36 ug/L	377512	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	95
2	Dimethyl sulfide	62	C2H6S	000075-18-3	94
3	Dimethyl sulfide	62	C2H6S	000075-18-3	94
4	Dimethyl sulfide	62	C2H6S	000075-18-3	94
5	Dimethyl sulfide	62	C2H6S	000075-18-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

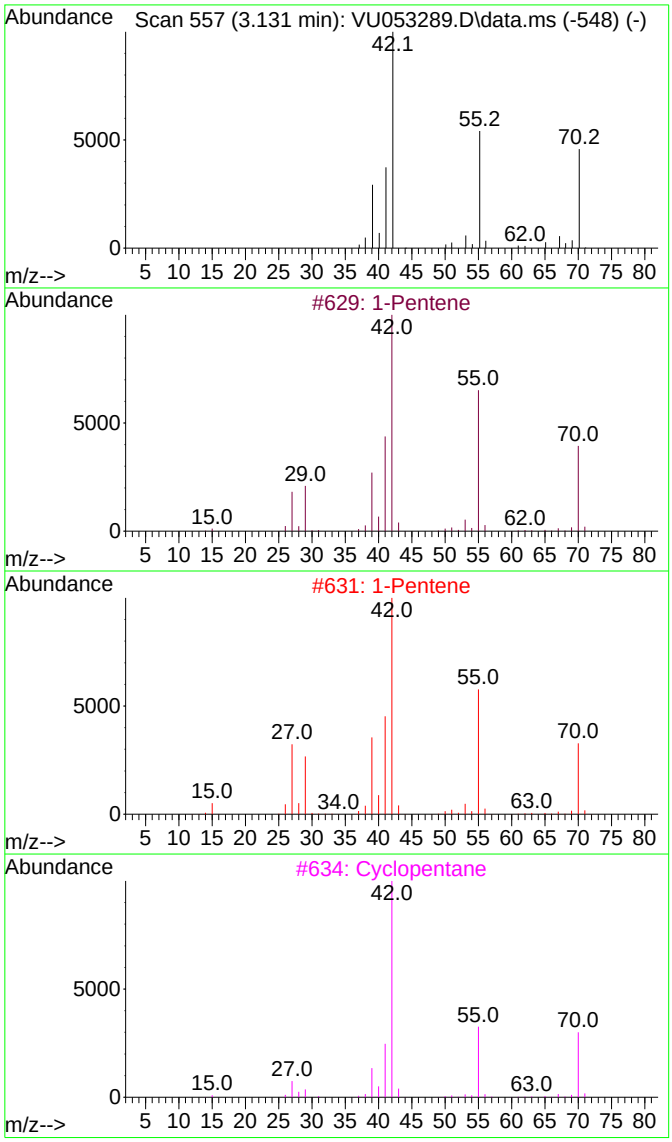
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

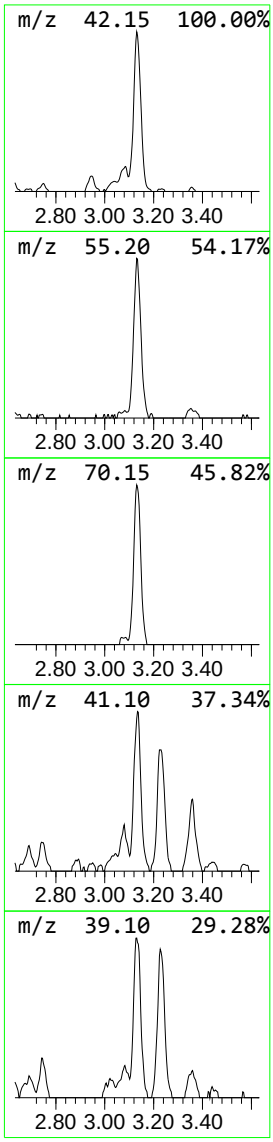
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.131	8.21 ug/L	57038	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	86
2	1-Pentene	70	C5H10	000109-67-1	86
3	Cyclopentane	70	C5H10	000287-92-3	64
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	53
5	2-Pentene, (Z)-	70	C5H10	000627-20-3	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

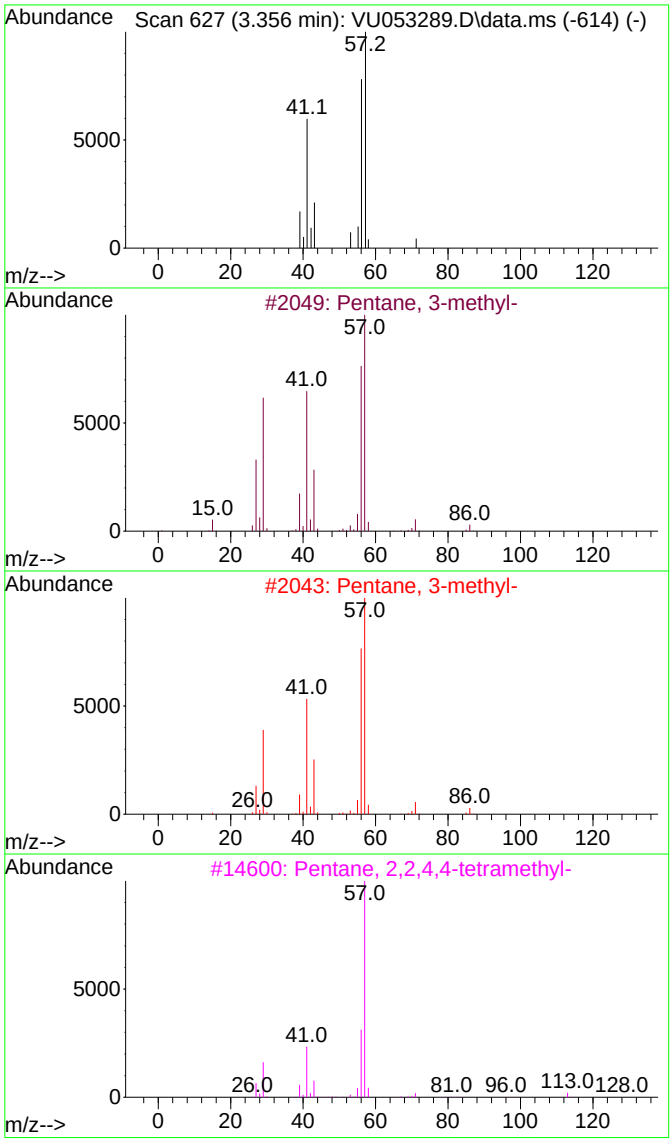
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

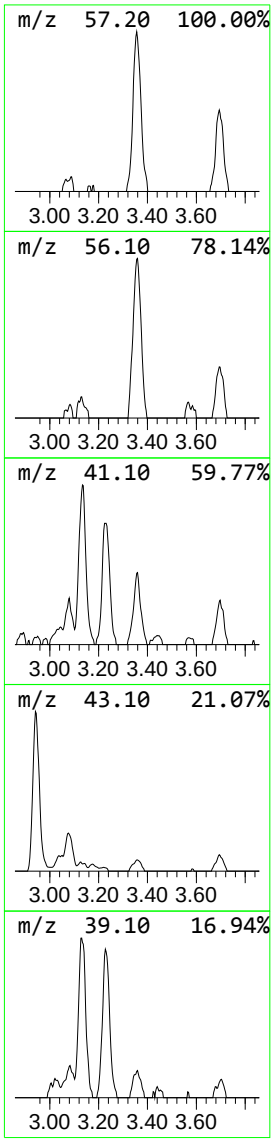
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.356	3.16 ug/L	21925	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	74
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	64
3	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	39
4	Oxetane, 2,3,4-trimethyl-, (2.al...	100	C6H12O	032347-12-9	39
5	Diazene, bis(1,1-dimethylethyl)-	142	C8H18N2	000927-83-3	12





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Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

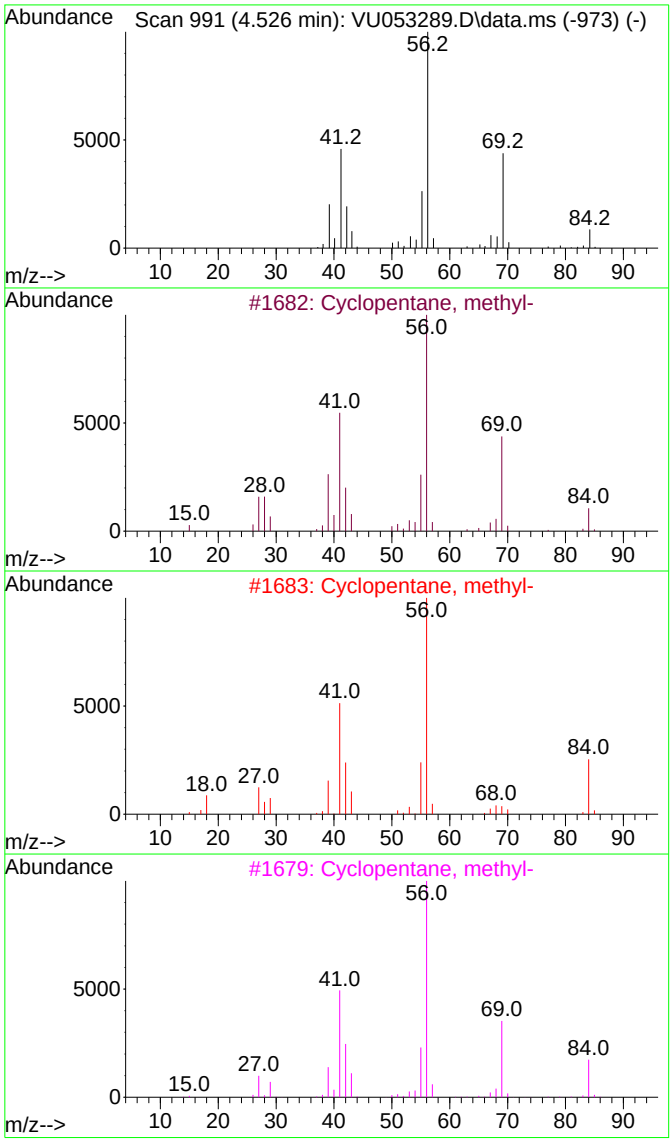
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

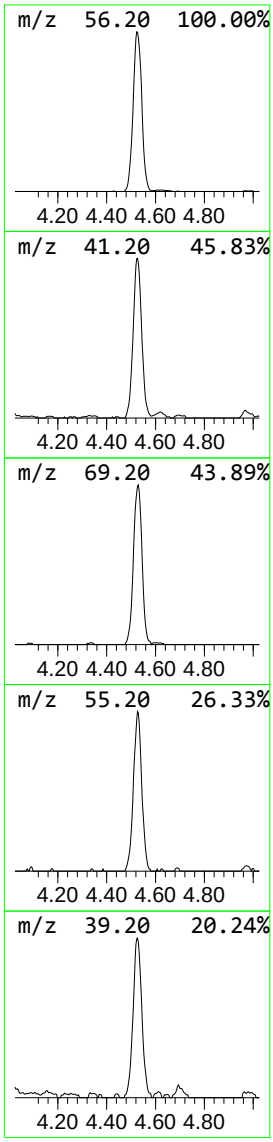
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic4.526 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.526	37.07 ug/L	257440	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4	Cyclohexane	84	C6H12	000110-82-7	78
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





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Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

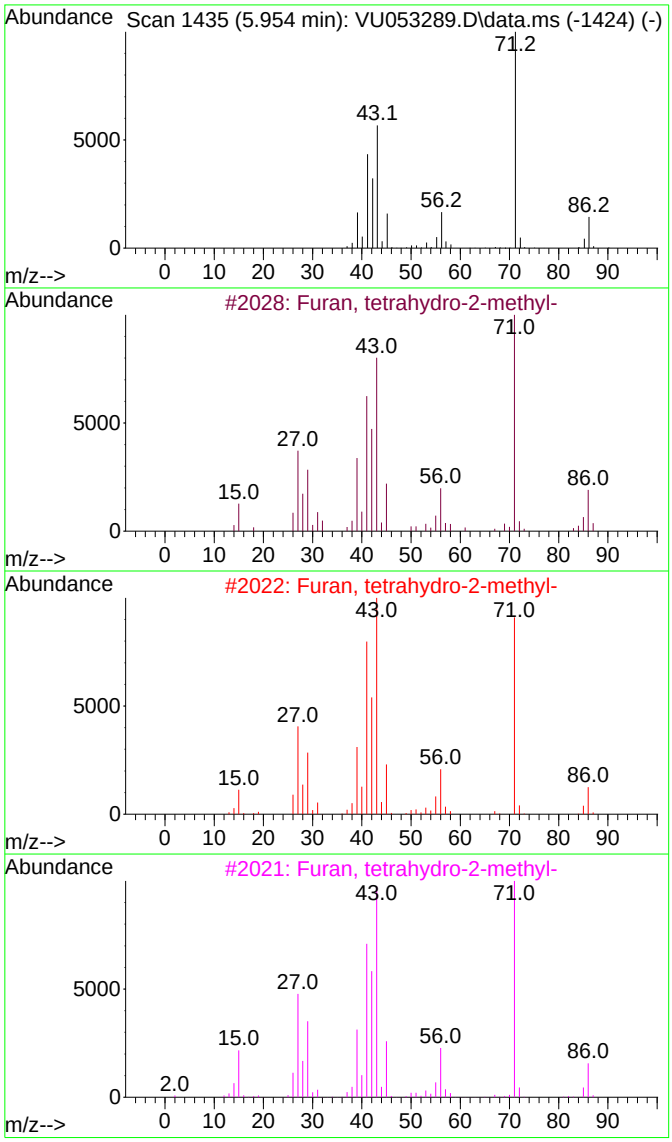
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

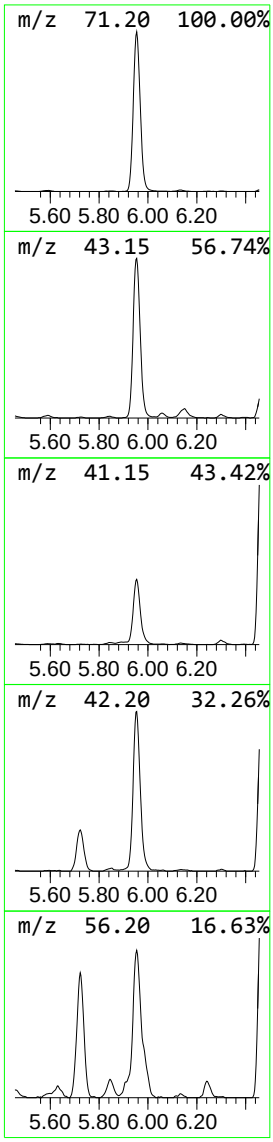
****

Peak Number 12 Furan, tetrahydro-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.954	106.33 ug/L	738365	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	91
2	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	90
3	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	70
4	Prenol	86	C5H10O	000556-82-1	50
5	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	50





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Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

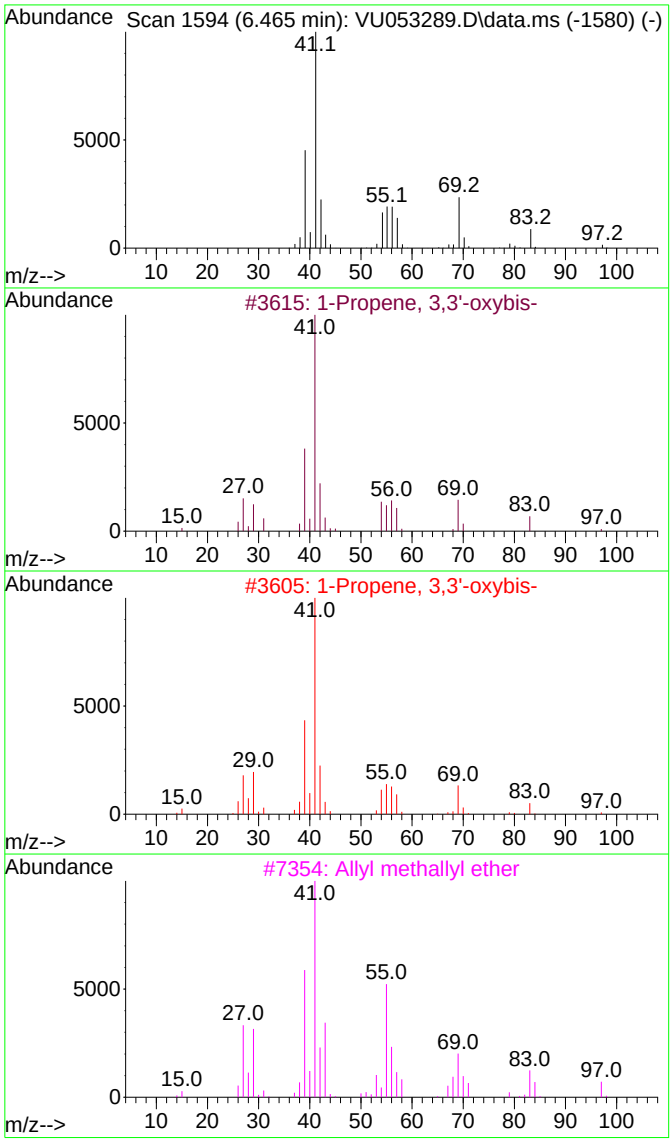
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

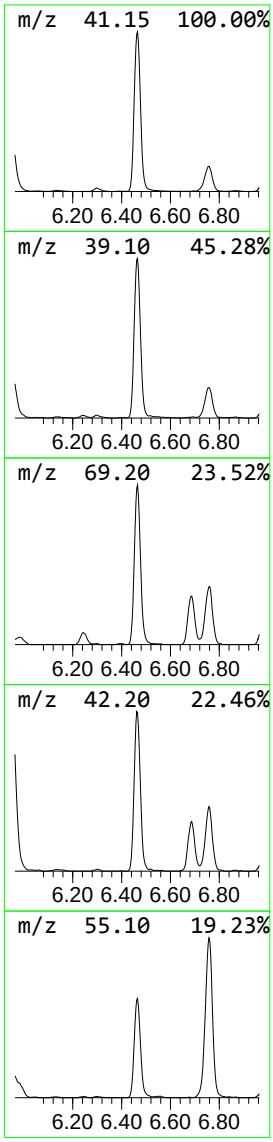
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1-Propene, 3,3'-oxybis- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.465	113.02 ug/L	784832	1,4-Difluorobenzene	6.243

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	58
3	Allyl methallyl ether	112	C7H12O	014289-96-4	56
4	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	50
5	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	47





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Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

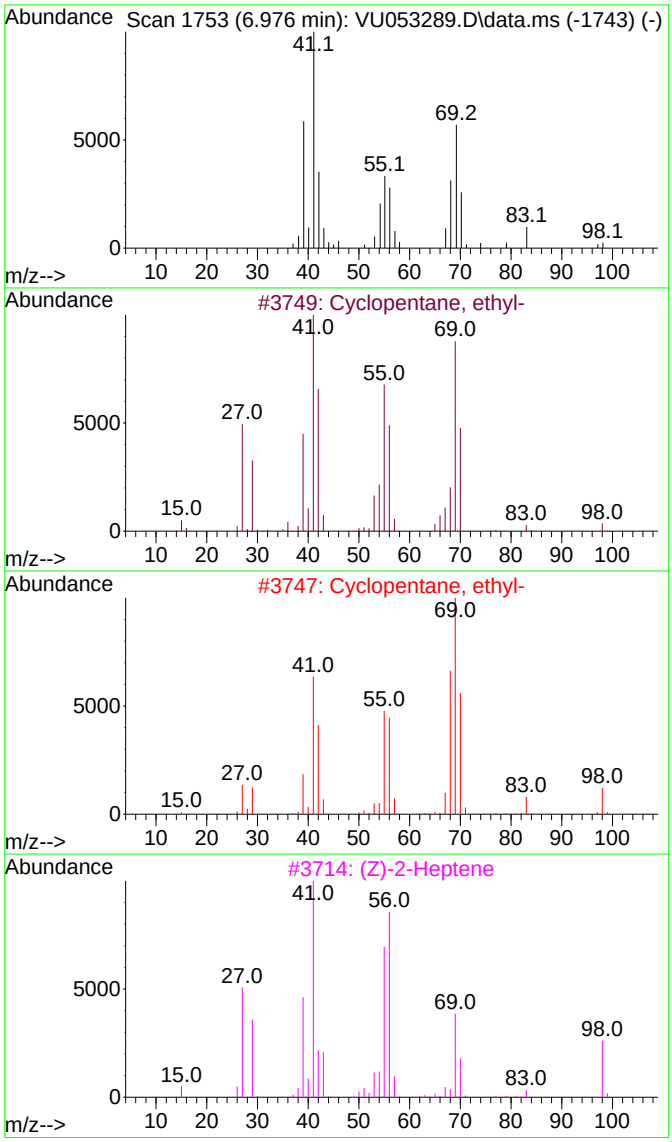
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

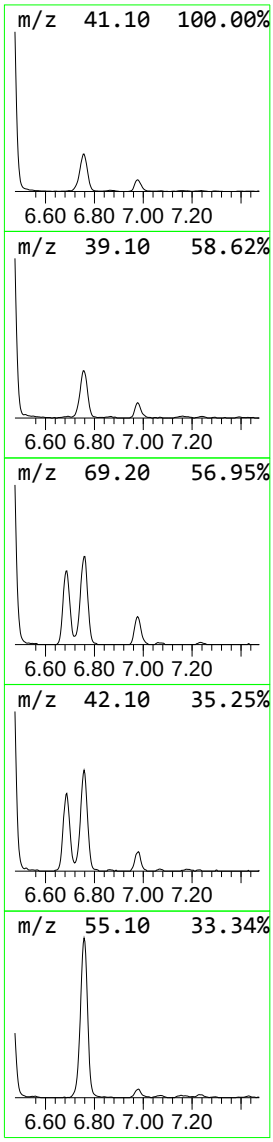
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic6.976 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.976	8.82 ug/L	61225	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	47
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	43
3	(Z)-2-Heptene	98	C7H14	006443-92-1	42
4	Cyclopropane, butyl-	98	C7H14	000930-57-4	38
5	Cyclopentane, ethyl-	98	C7H14	001640-89-7	37





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Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

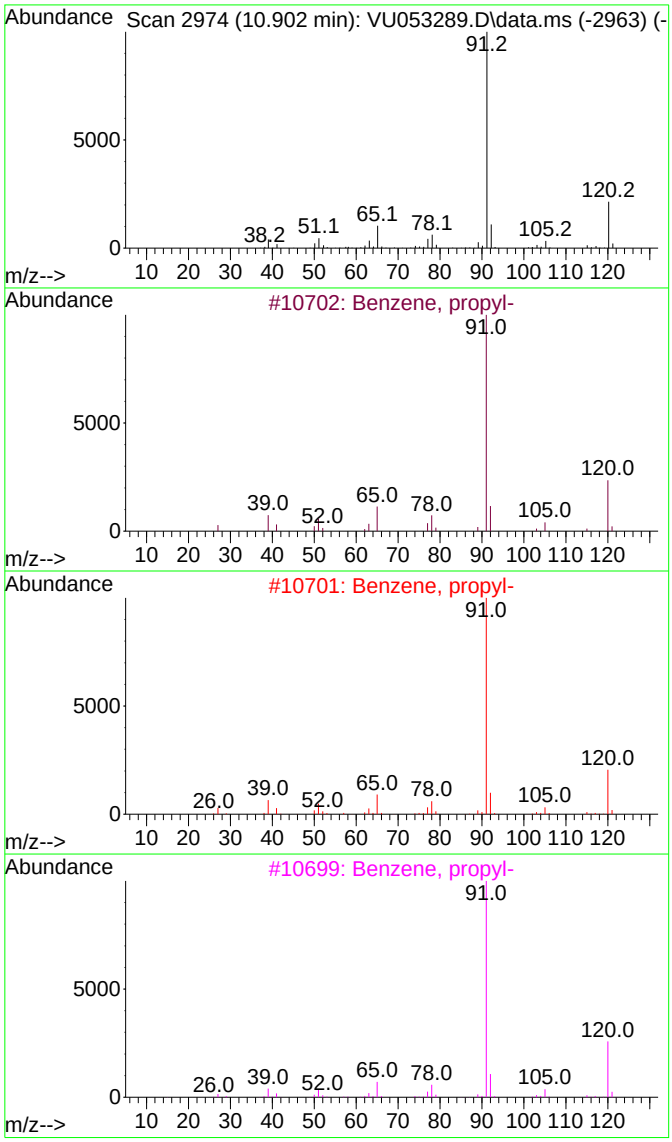
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

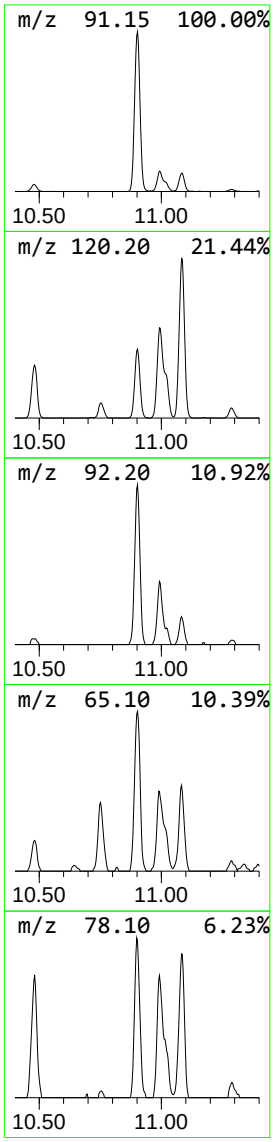
****

Peak Number 17 Benzene, propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.902	26.16 ug/L	259977	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	78





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Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

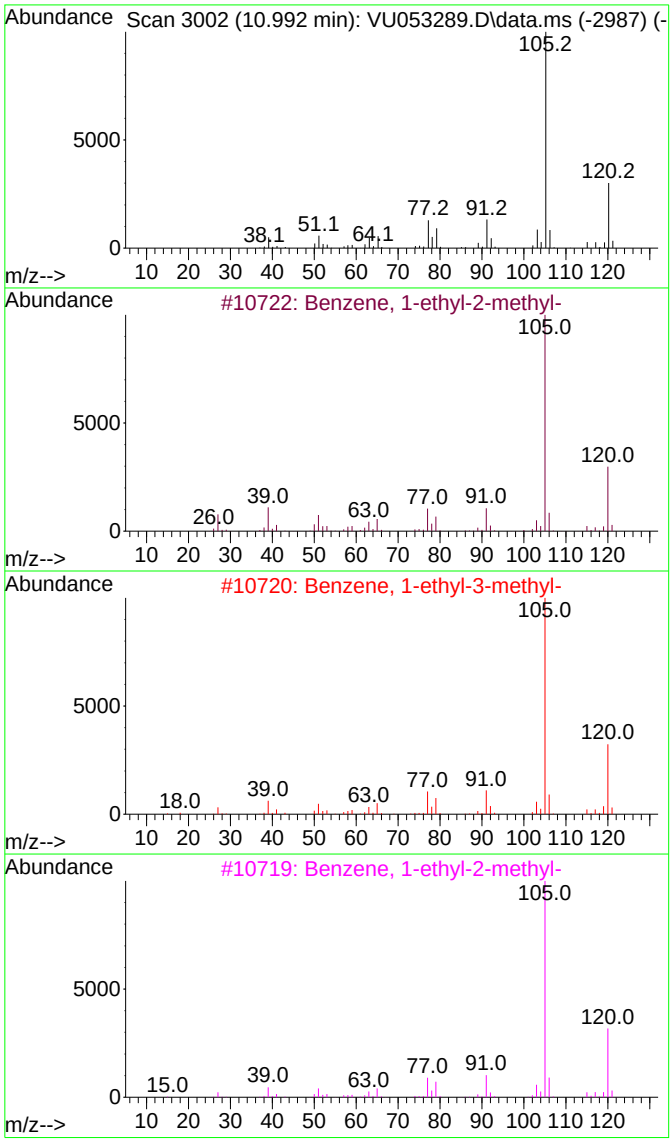
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

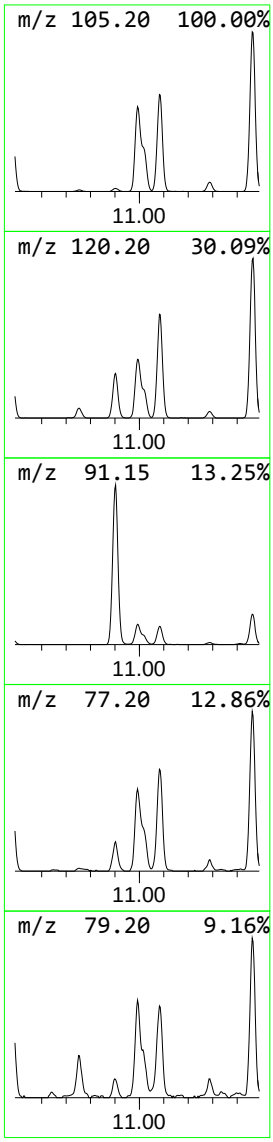
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.992	47.53 ug/L	472279	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

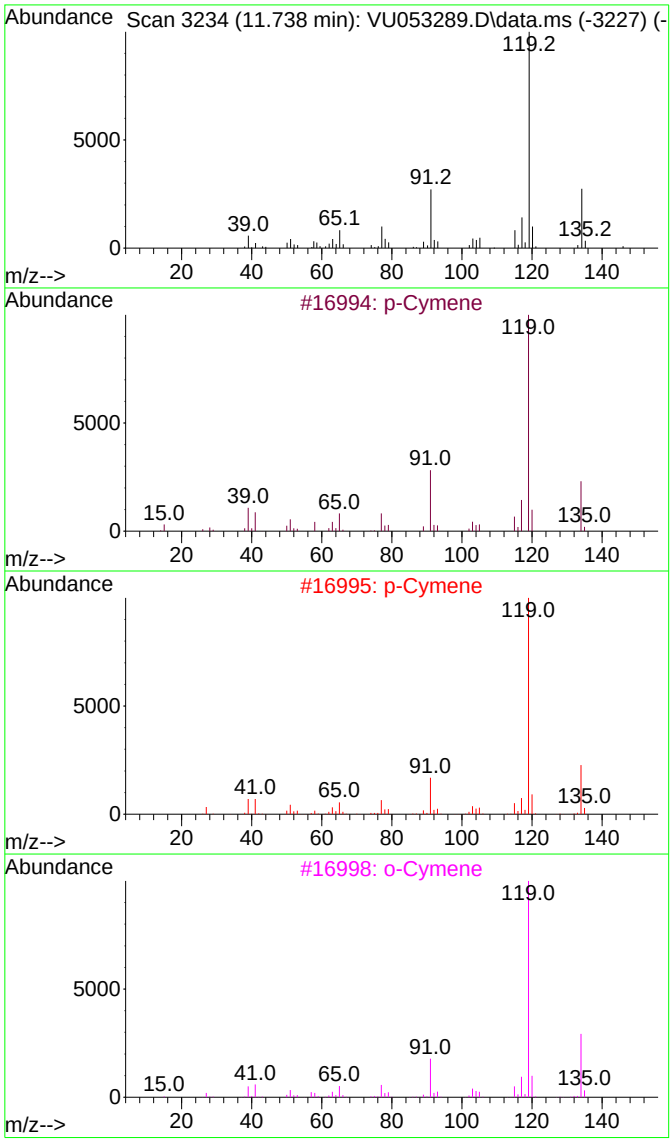
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

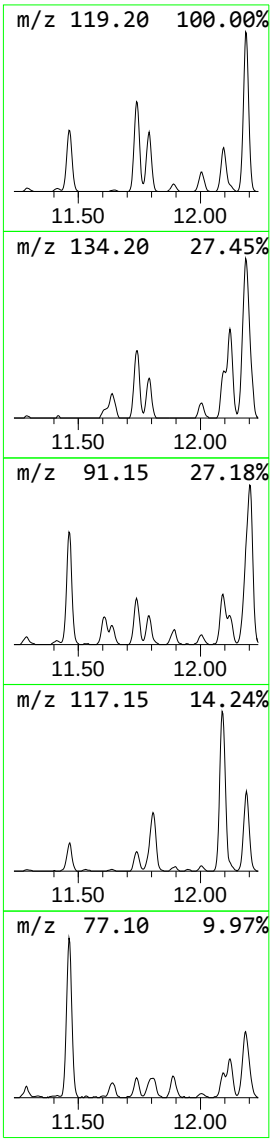
****

Peak Number 24 p-Cymene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.738	9.34 ug/L	92858	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	p-Cymene	134	C10H14	000099-87-6	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	o-Cymene	134	C10H14	000527-84-4	94





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Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

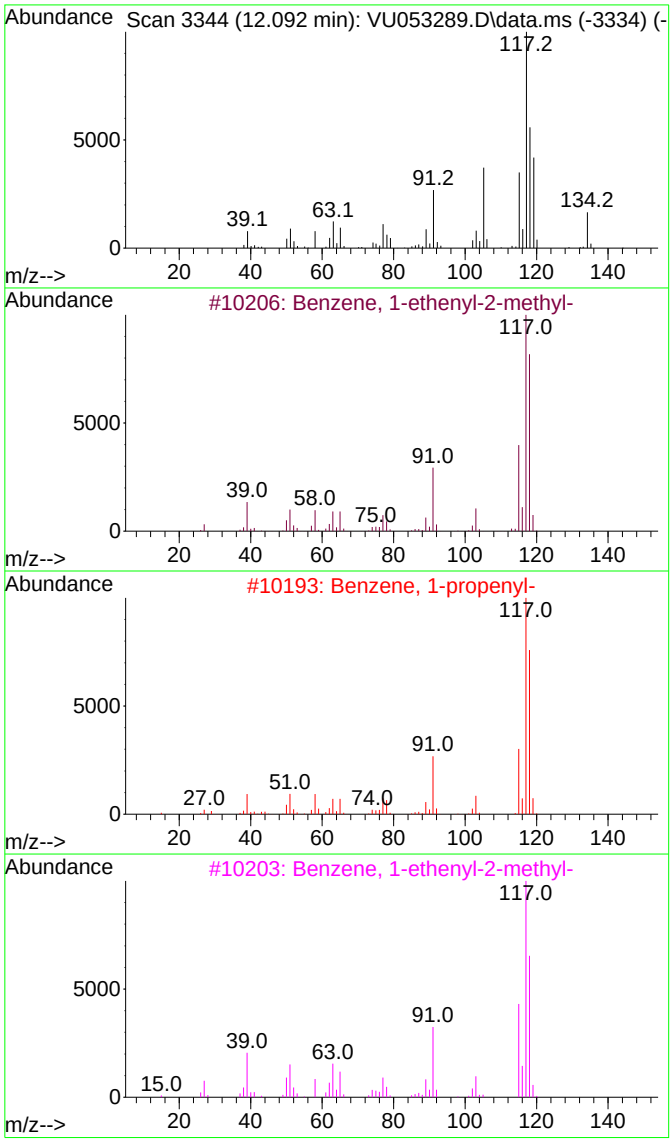
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

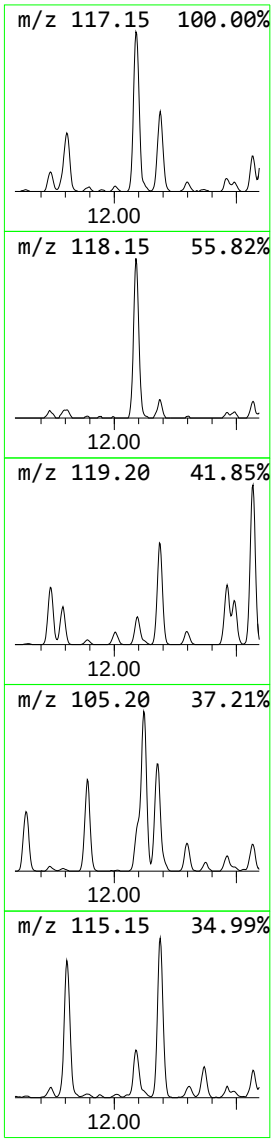
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 1-ethenyl-2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	19.07 ug/L	189465	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	90
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	55
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	55





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Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

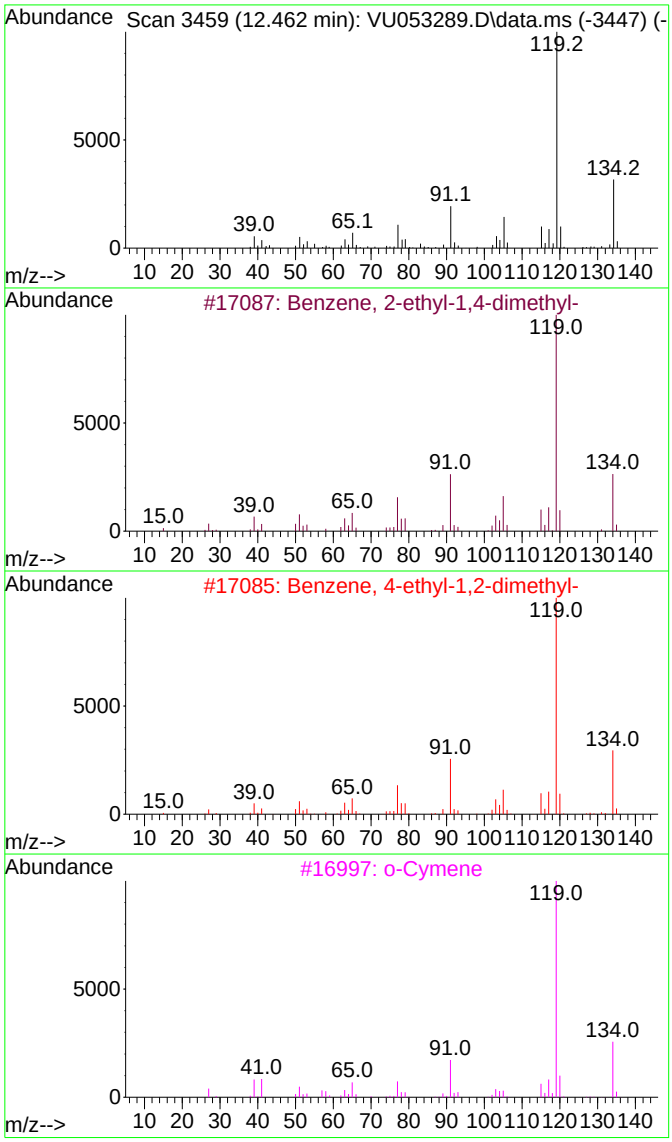
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

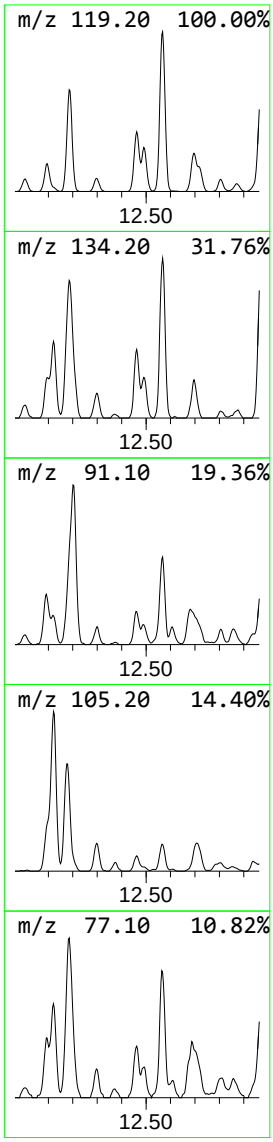
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.462	11.09 ug/L	110189	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





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Acq On : 18 Mar 2023 00:20
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Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

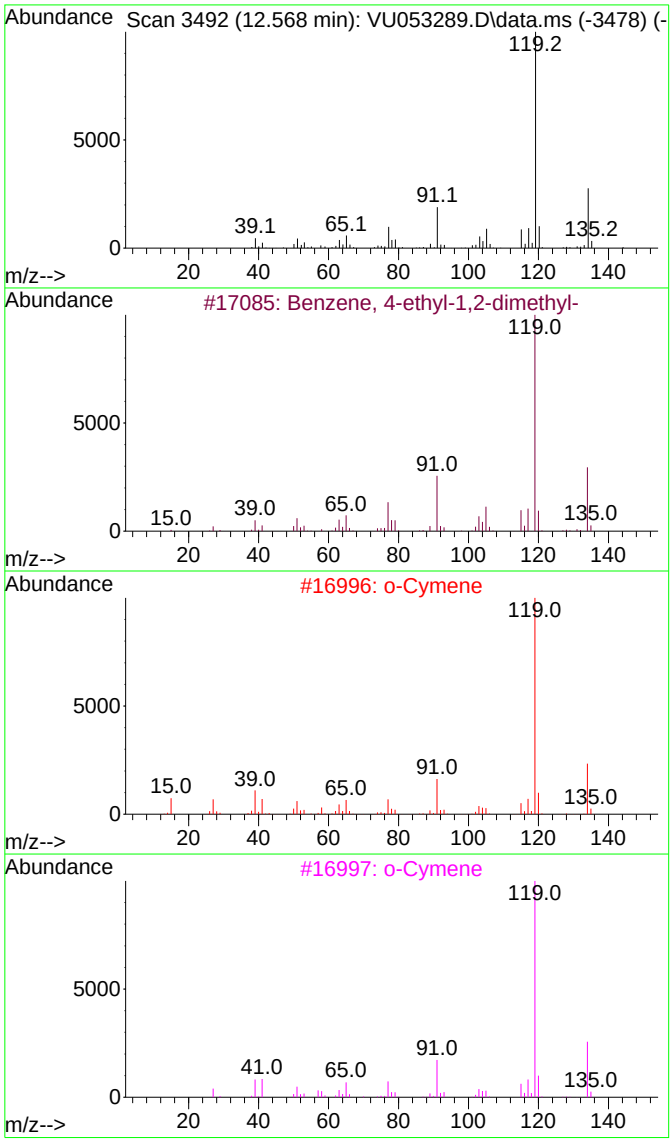
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

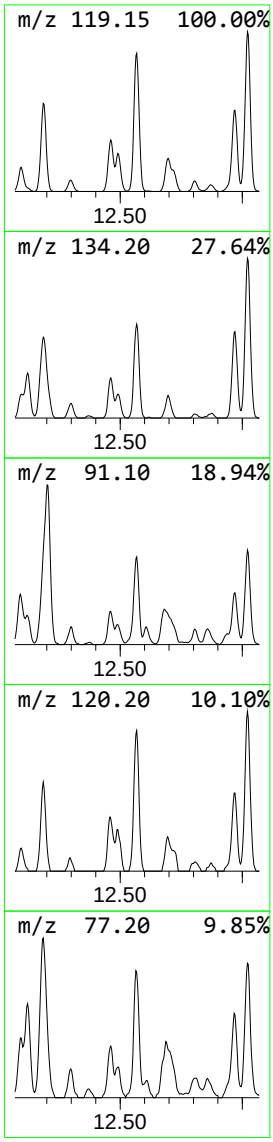
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.568	27.25 ug/L	270751	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	o-Cymene	134	C10H14	000527-84-4	97
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

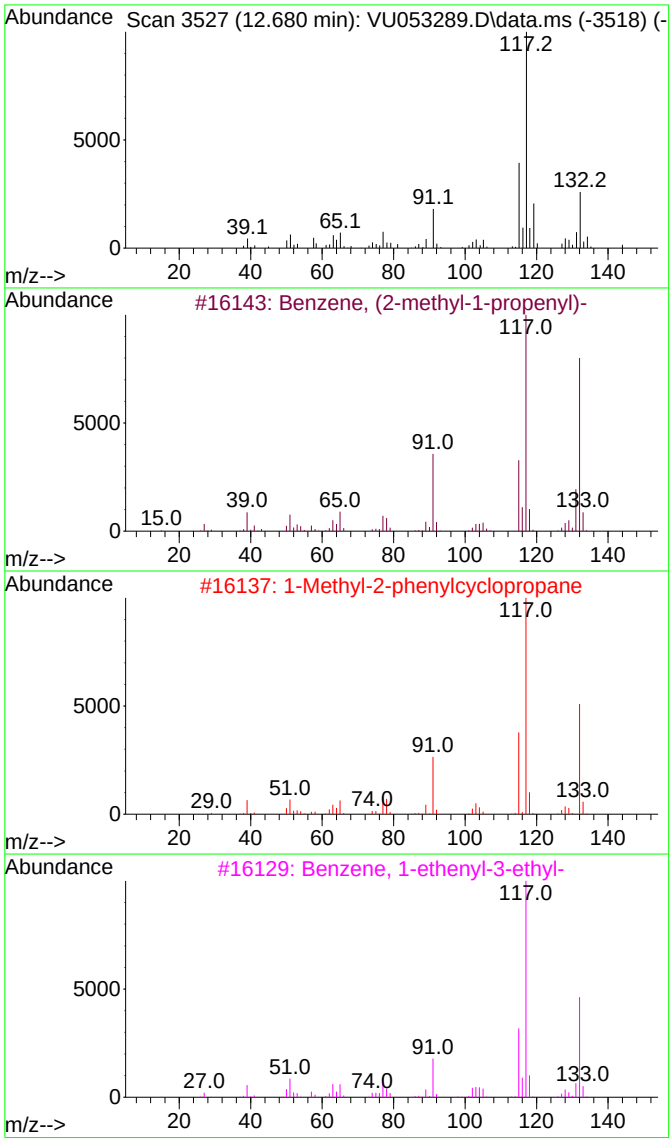
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

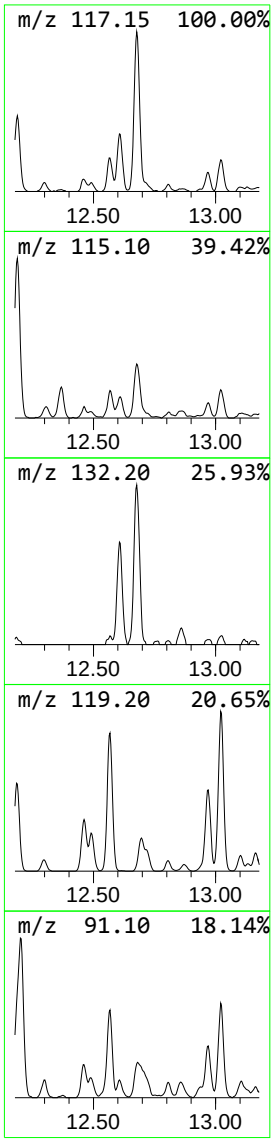
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, (2-methyl-1-propen... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	25.33 ug/L	251671	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	76
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	74
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	74





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Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

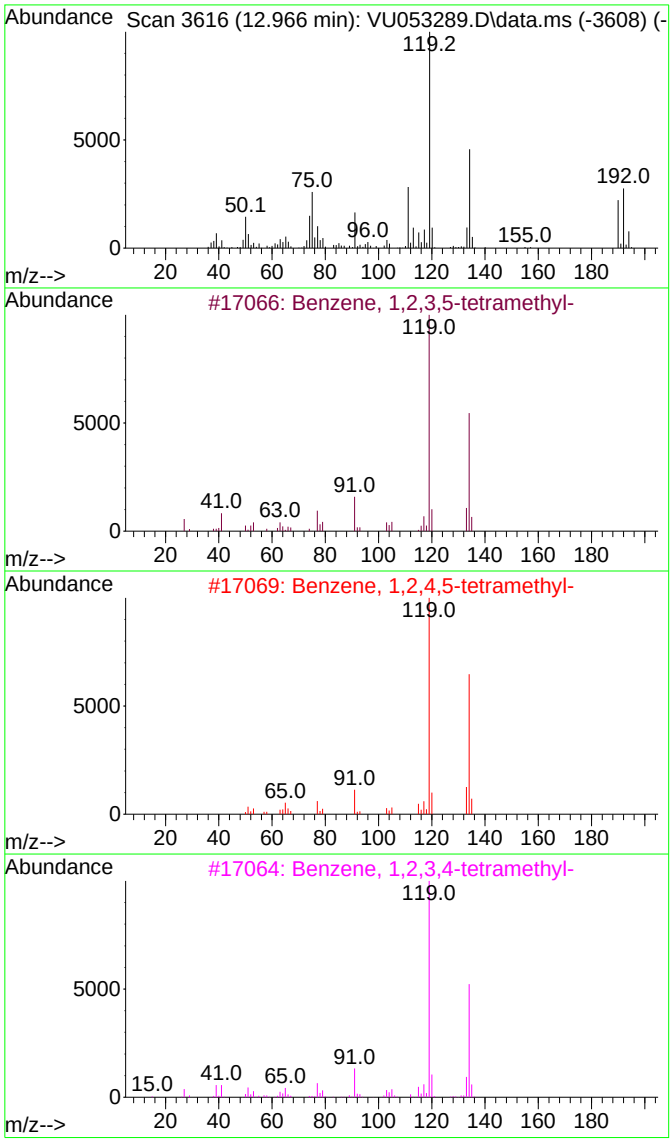
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

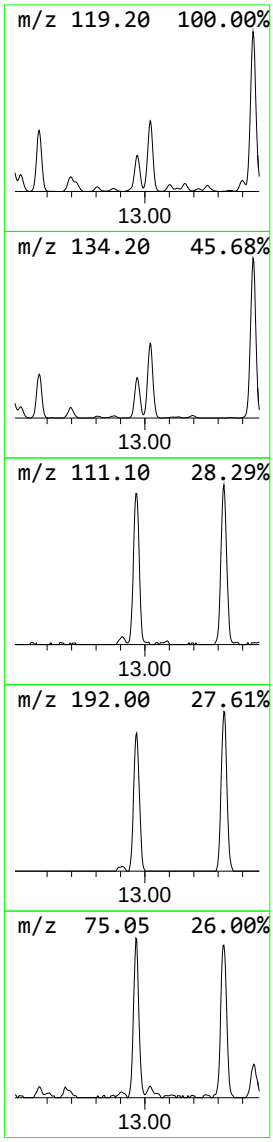
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.967	26.03 ug/L	258665	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90





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Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

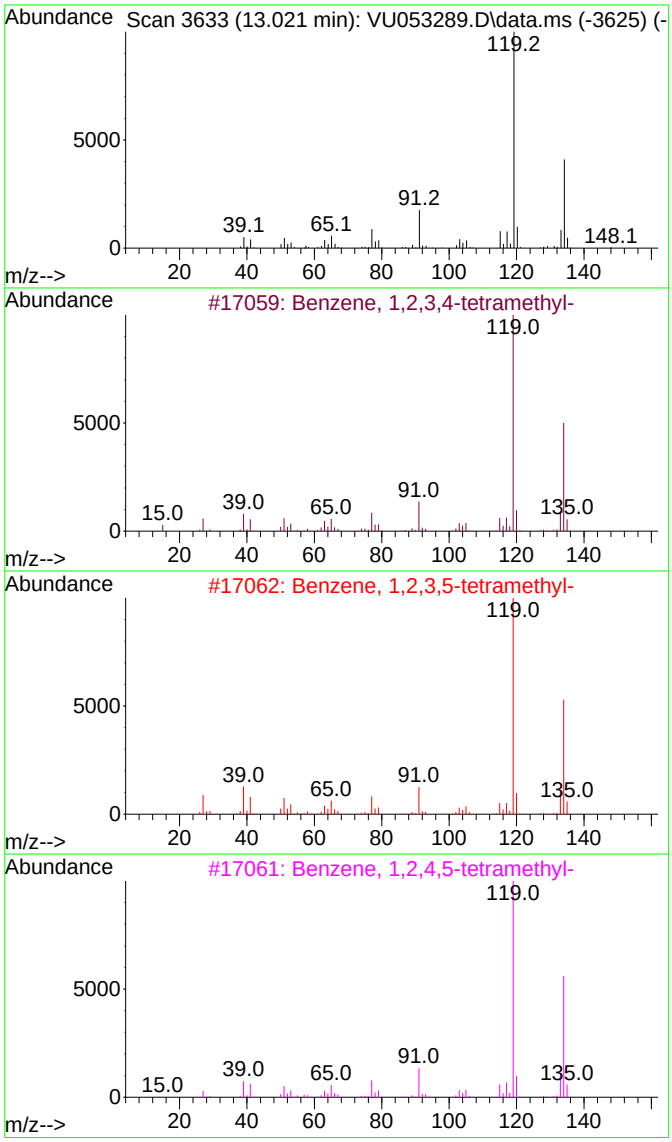
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

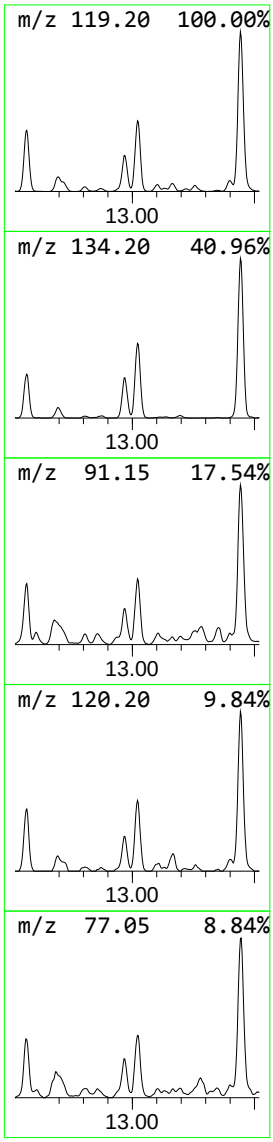
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.021	32.19 ug/L	319867	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

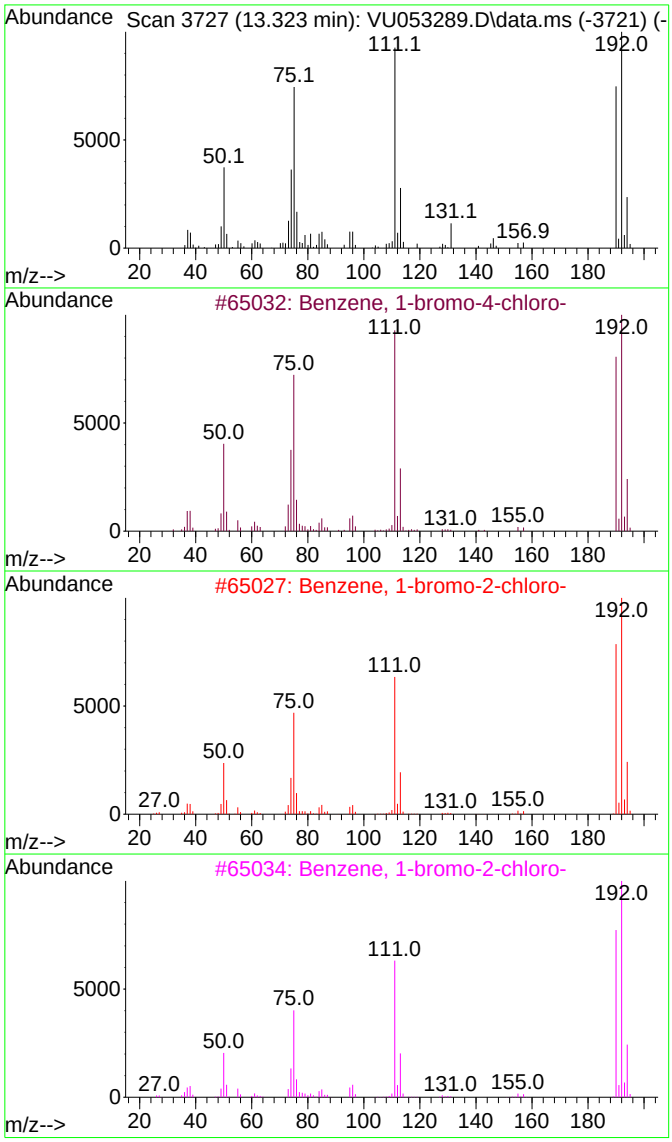
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

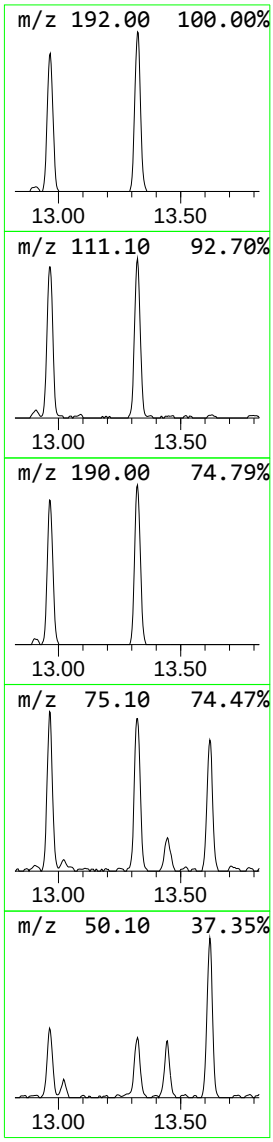
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, 1-bromo-4-chloro- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.323	16.21 ug/L	161083	1,4-Dichlorobenzene-d4	11.809

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

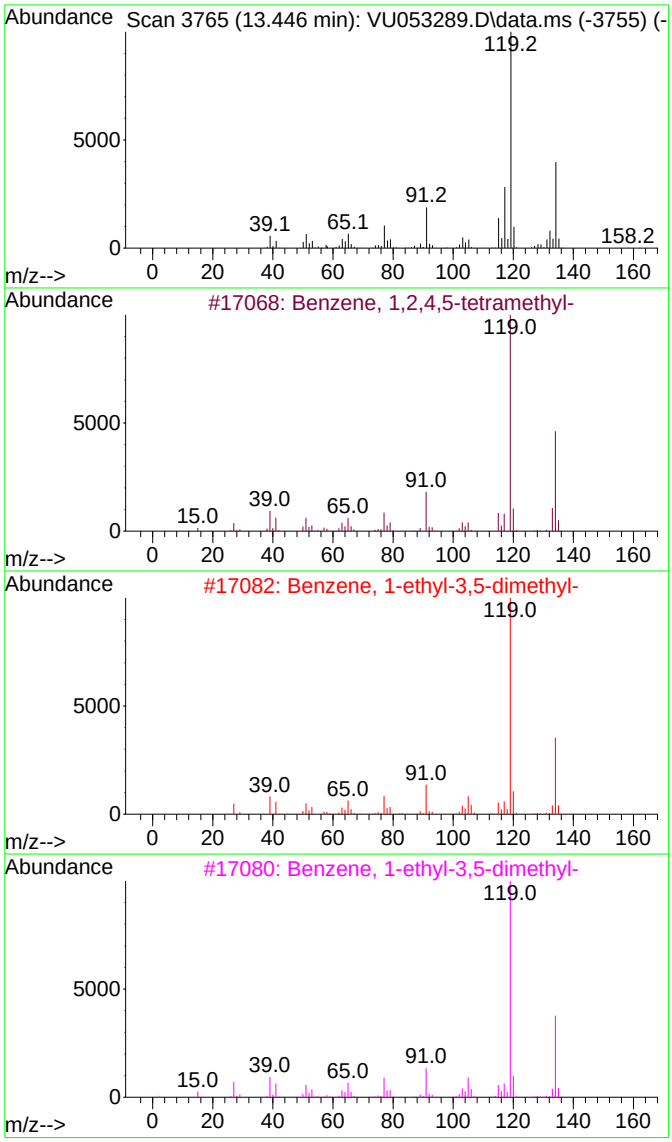
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

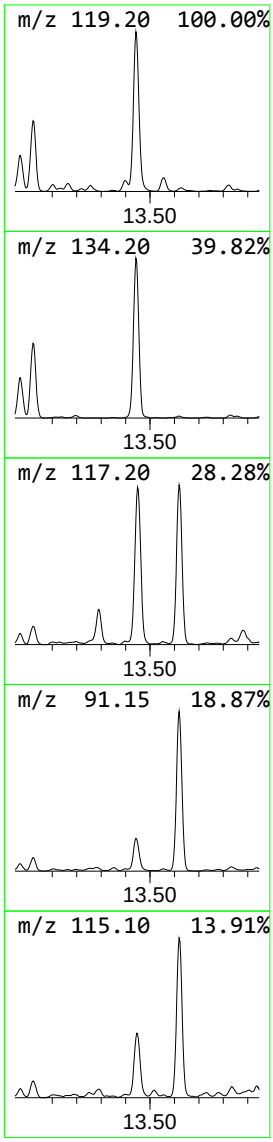
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.446	91.45 ug/L	908771	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
4	o-Cymene	134	C10H14	000527-84-4	87
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

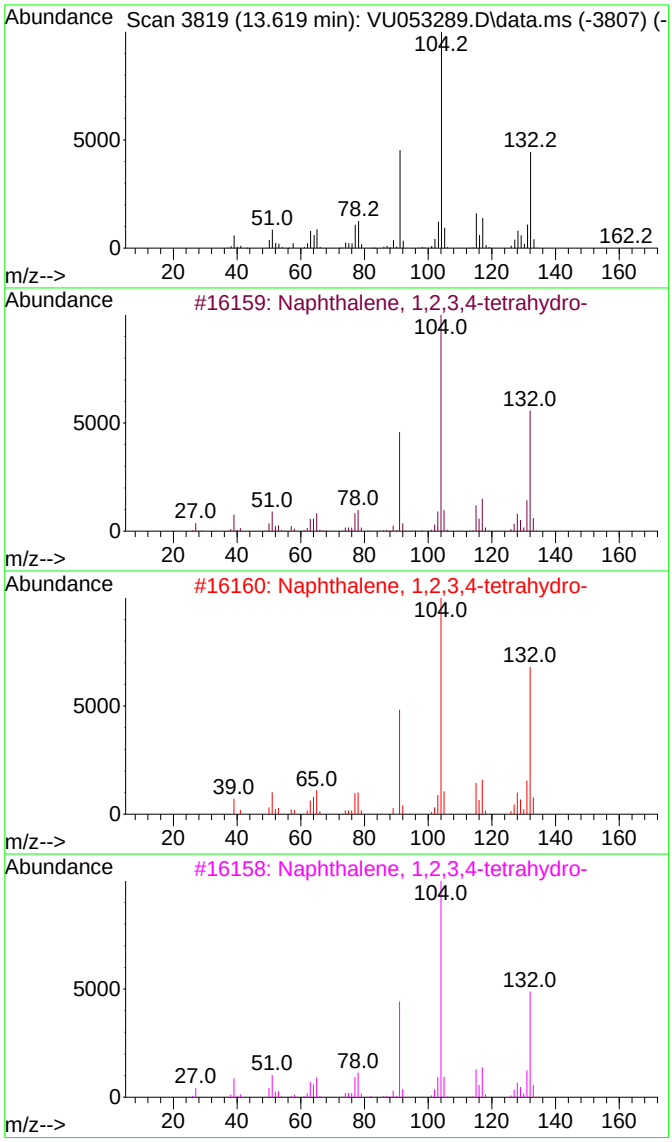
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

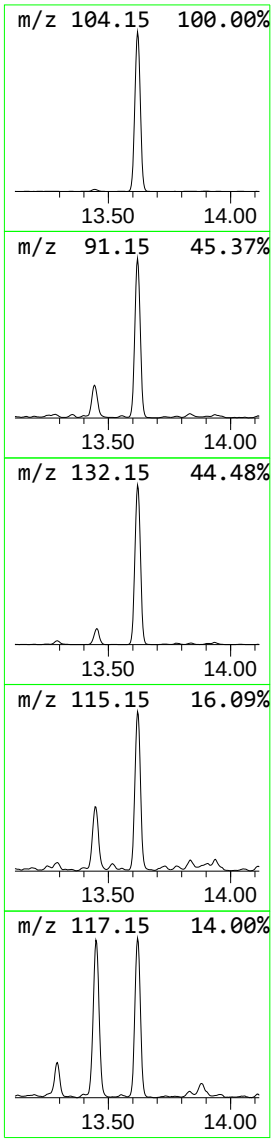
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.619	210.17 ug/L	2088450	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

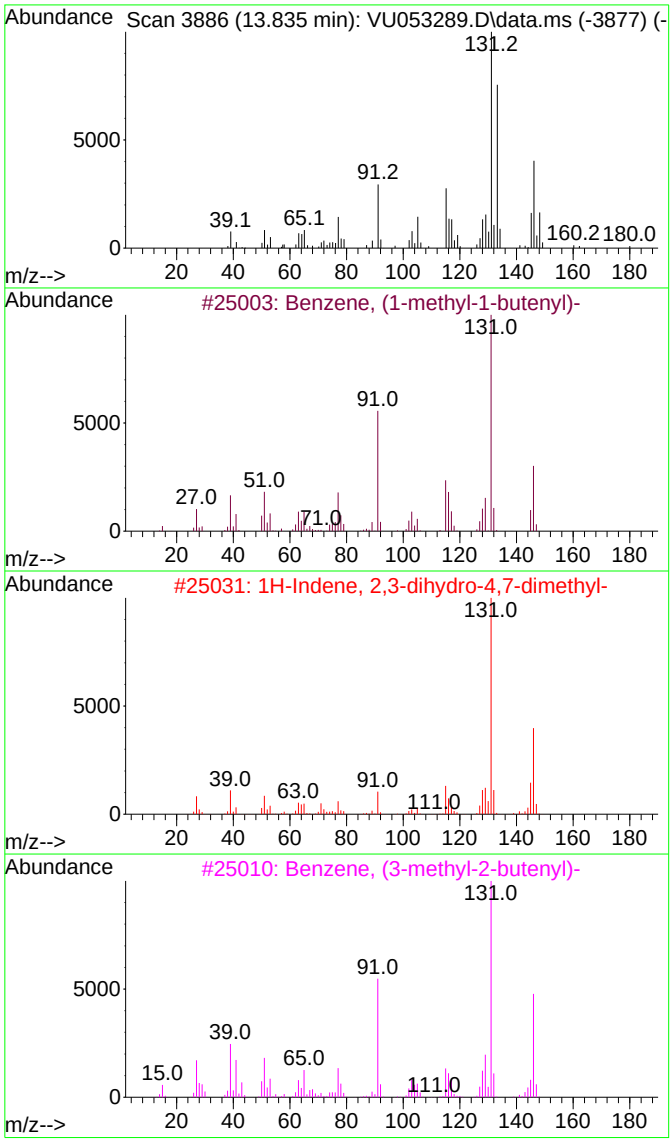
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

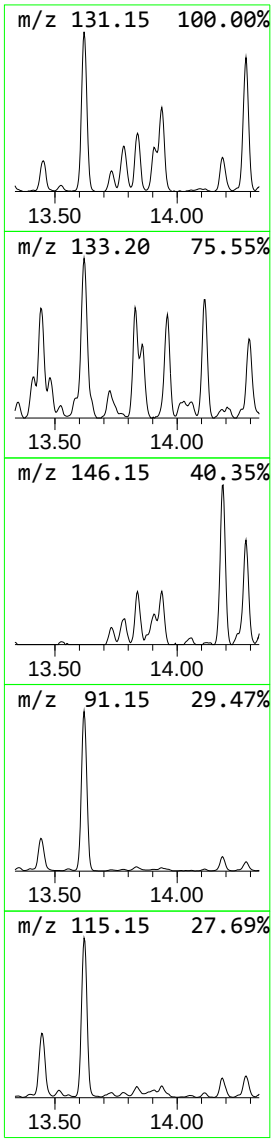
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzene, (1-methyl-1-butenyl)- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.835	12.38 ug/L	123057	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

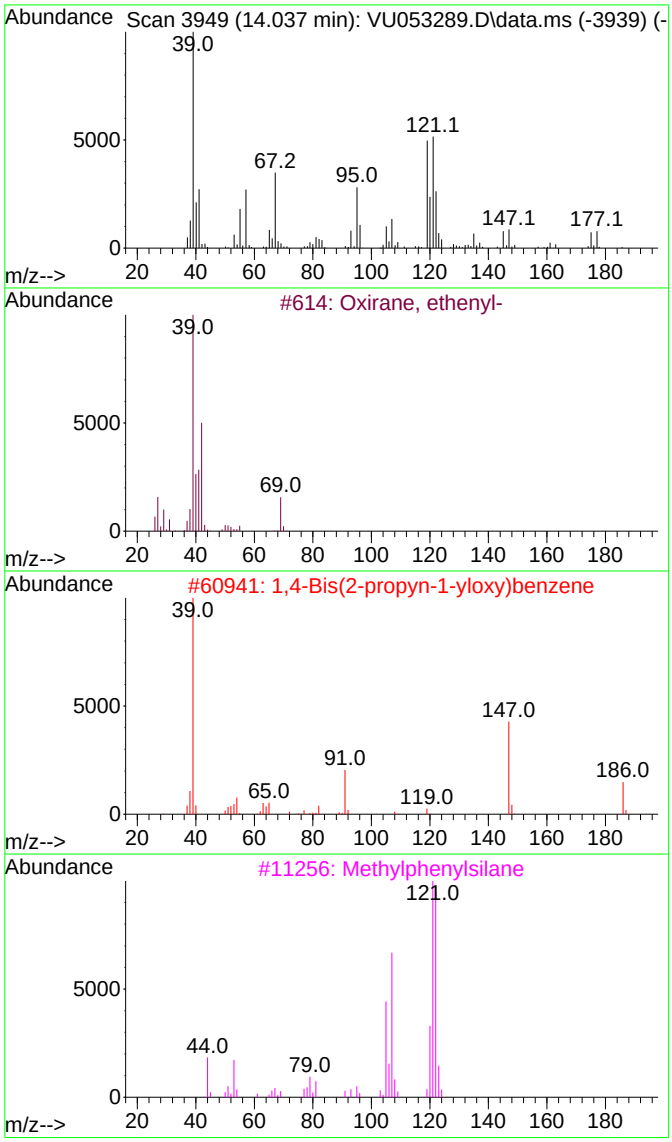
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

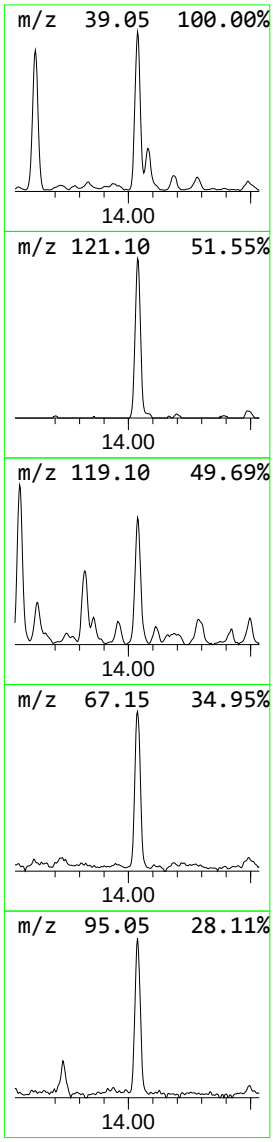
****

Peak Number 45 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.037	21.28 ug/L	211494	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, ethenyl-	70	C4H6O	000930-22-3	40
2	1,4-Bis(2-propyn-1-yloxy)benzene	186	C12H10O2	034596-36-6	33
3	Methylphenylsilane	122	C7H10Si	000766-08-5	9
4	1-Propyne, 3-bromo-	118	C3H3Br	000106-96-7	9
5	2(1H)-pyridinone, 1-[(2-furanylc...	205	C10H7NO4	1000396-07-6	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

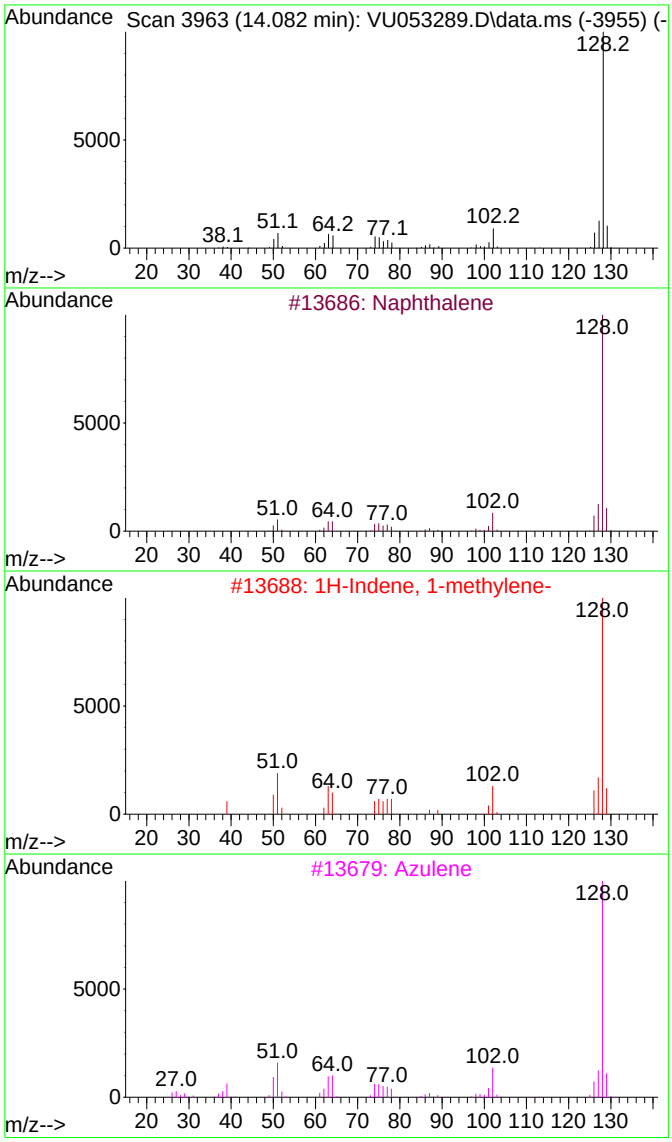
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

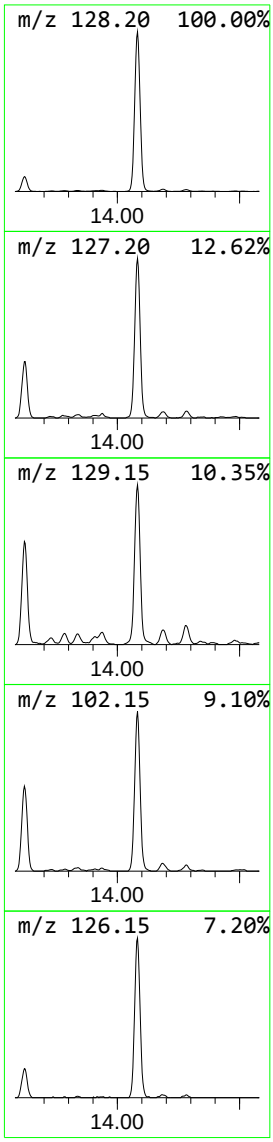
****

Peak Number 46 Azulene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.082	101.54 ug/L	1008950	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	94
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

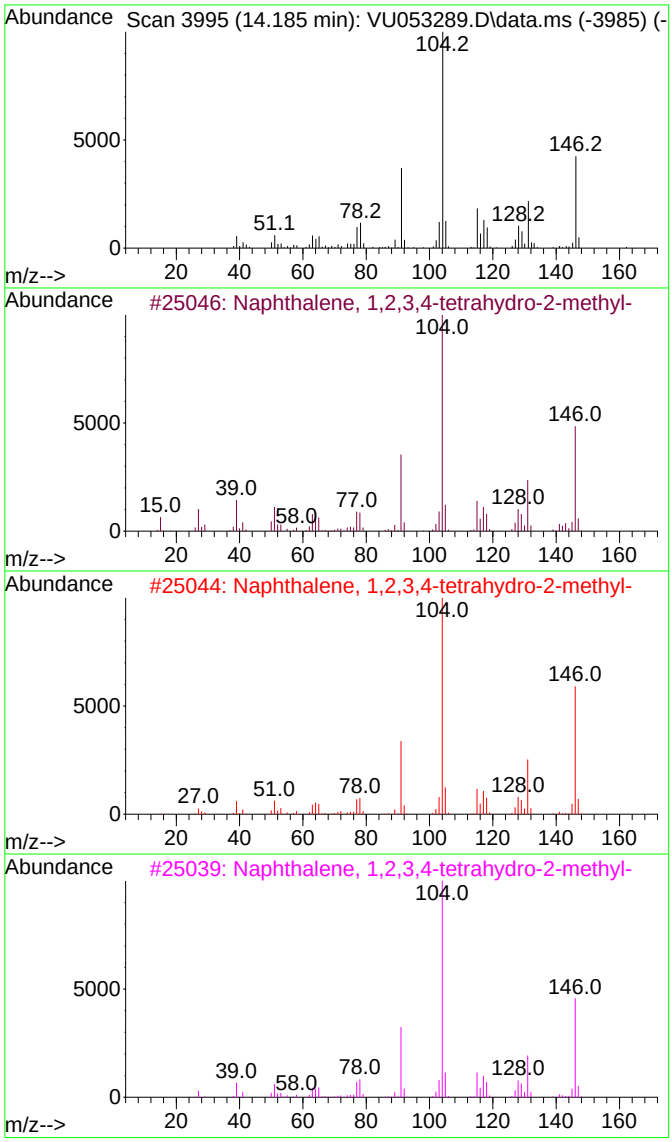
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

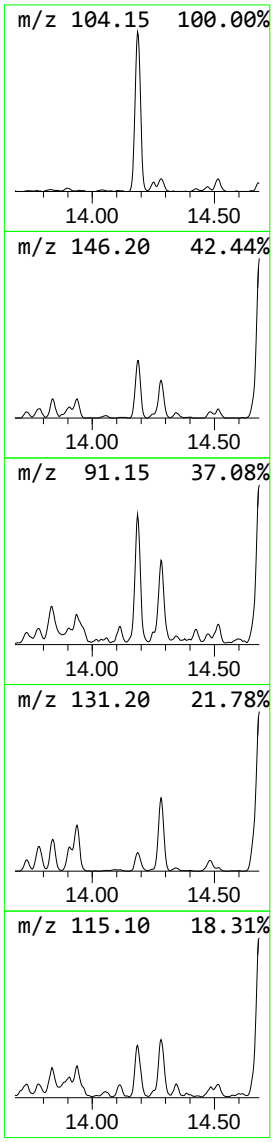
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.185	24.55 ug/L	243959	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

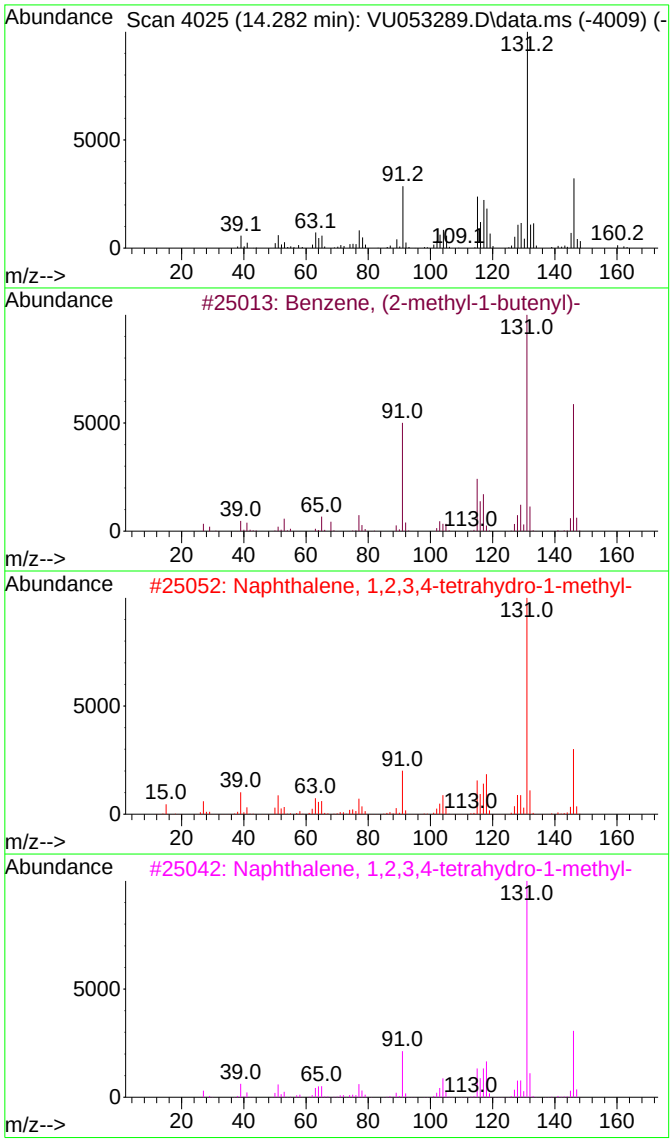
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

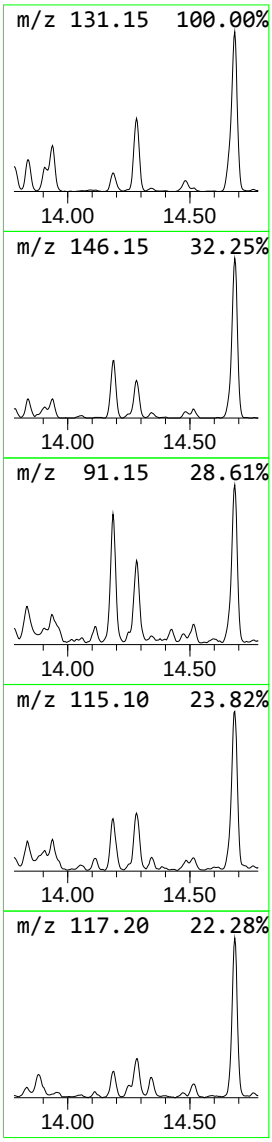
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Benzene, (2-methyl-1-butenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.281	24.64 ug/L	244883	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
4	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	93
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

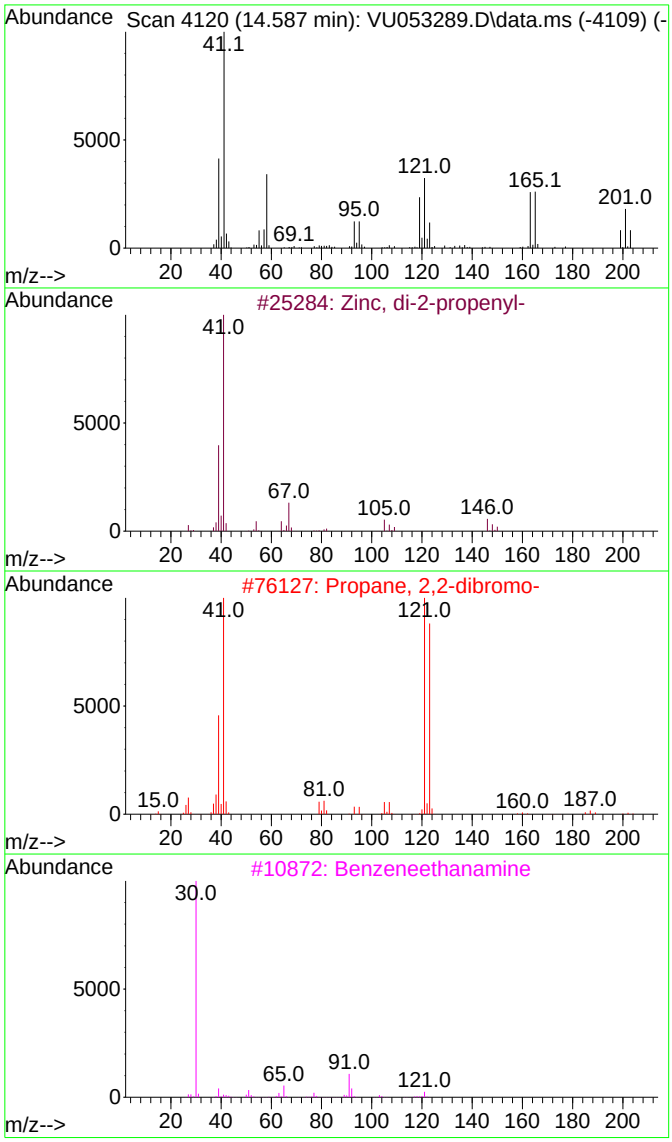
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

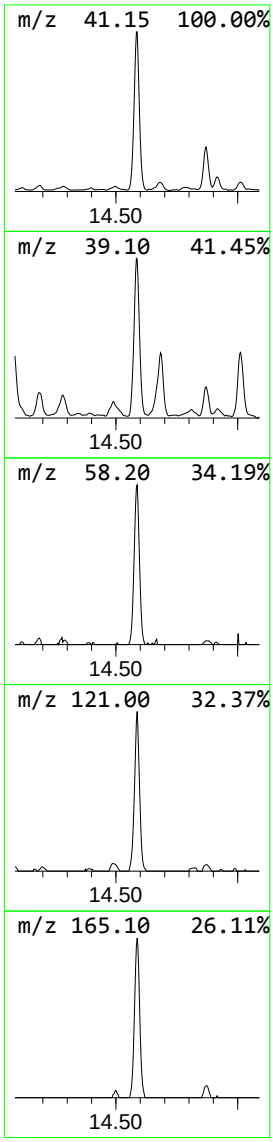
****

Peak Number 50 unknown-03 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.587	23.90 ug/L	237492	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Zinc, di-2-propenyl-	146	C6H10Zn	001802-55-7	9
2	Propane, 2,2-dibromo-	200	C3H6Br2	000594-16-1	7
3	Benzeneethanamine	121	C8H11N	000064-04-0	4
4	2,3-Dibromo-2,3-dimethylbutane	242	C6H12Br2	000594-81-0	4
5	1H-Thiepine, 2,3,6,7-tetrahydro-...	184	C10H16OS	055849-07-5	2





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Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

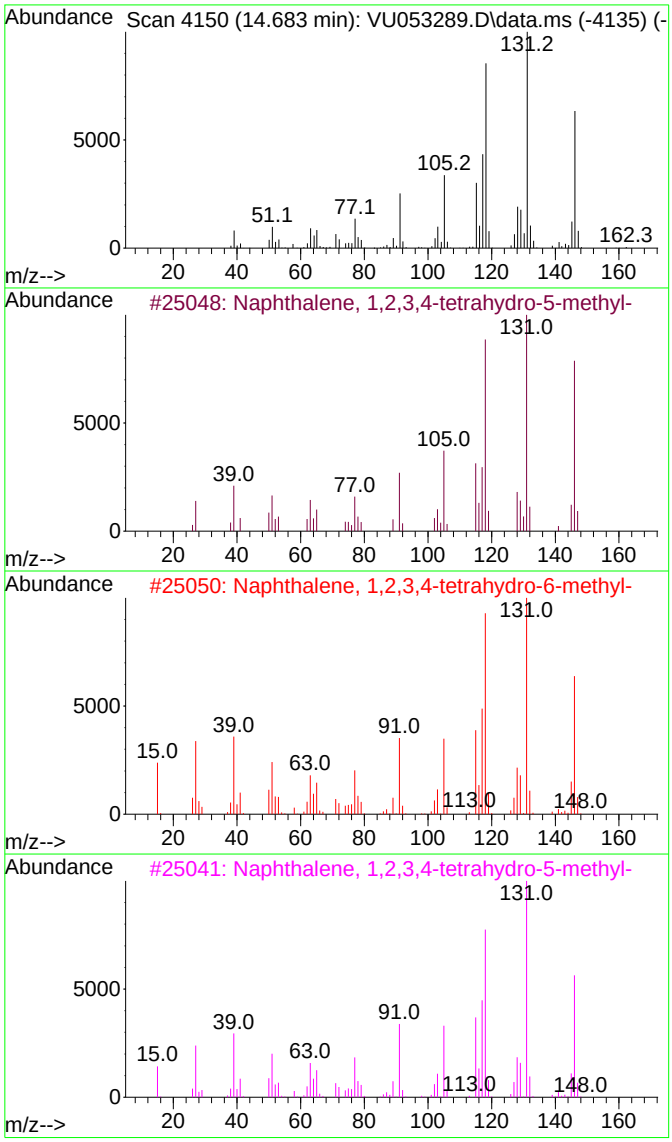
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

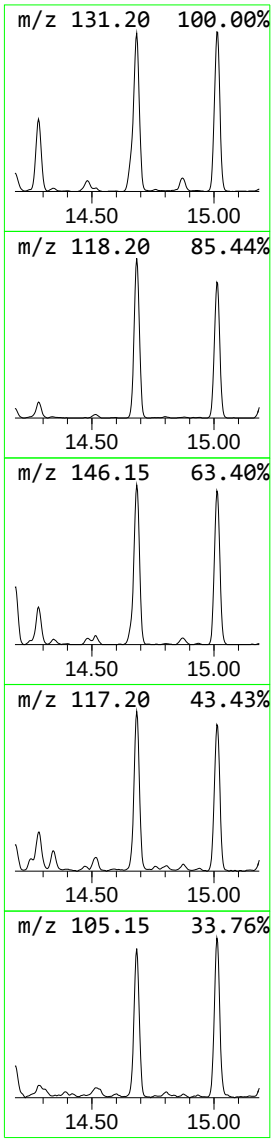
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	73.26 ug/L	728000	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	97
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

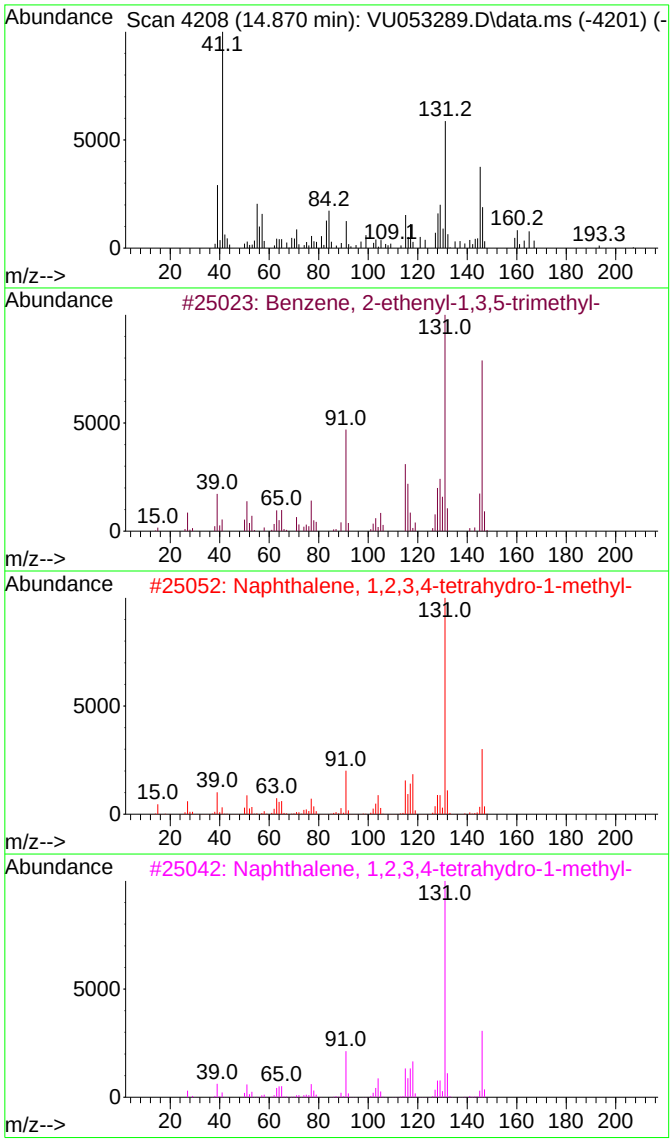
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

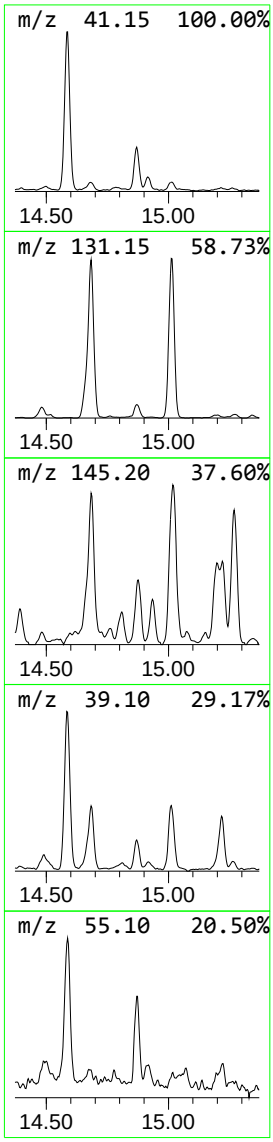
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.870	8.45 ug/L	83930	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	45
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	45
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	43
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

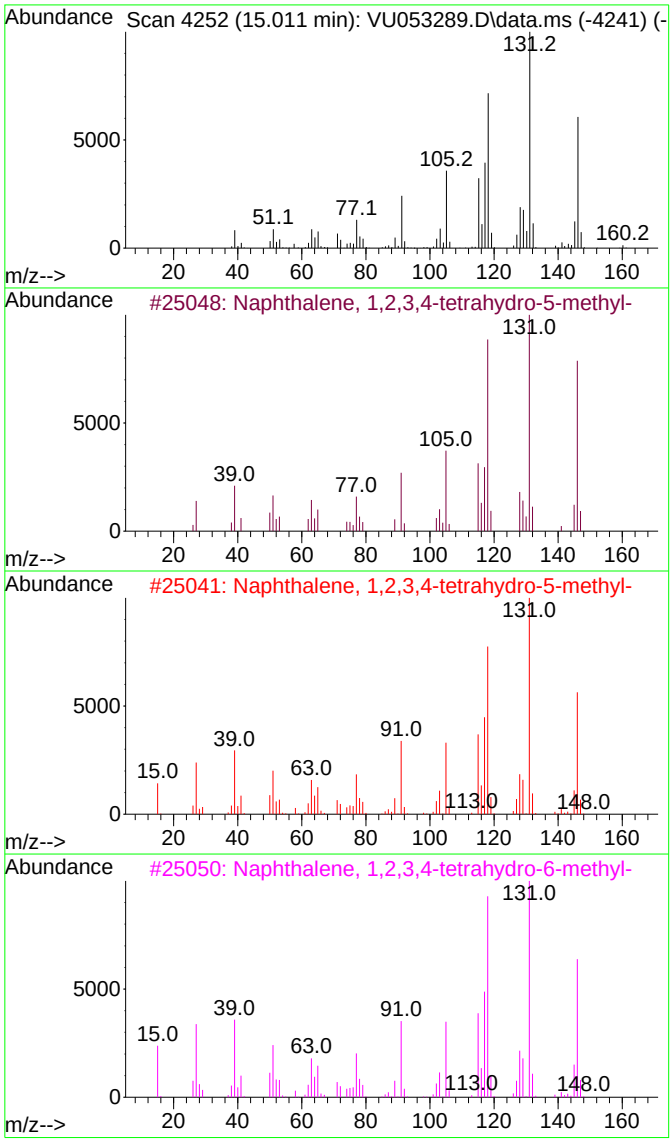
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

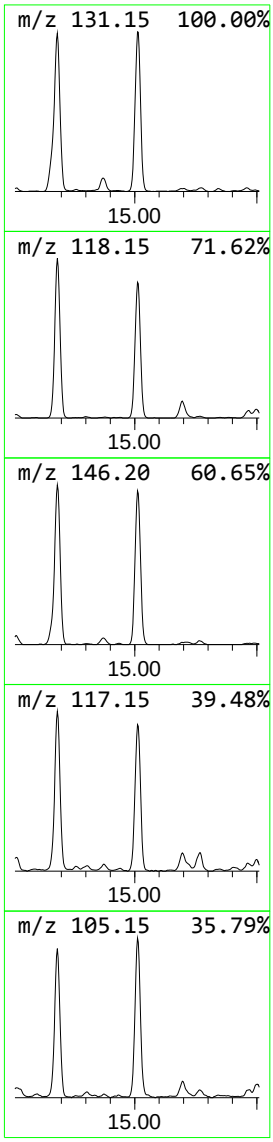
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.011	67.19 ug/L	667697	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

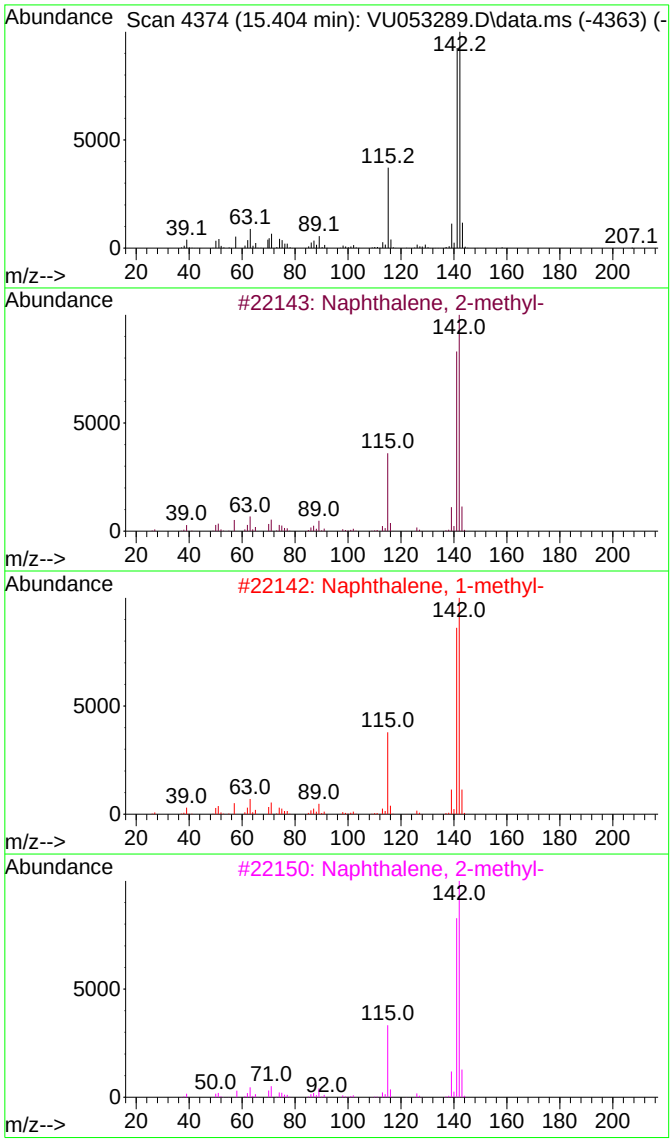
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

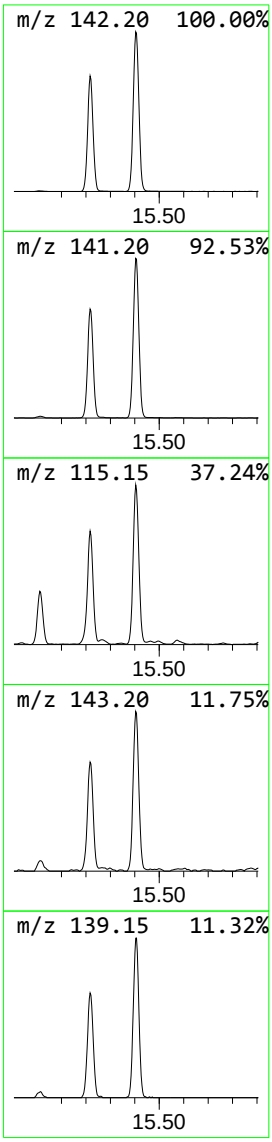
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 1,4-Methanonaphthalene, 1,4... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.404	104.29 ug/L	1036280	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

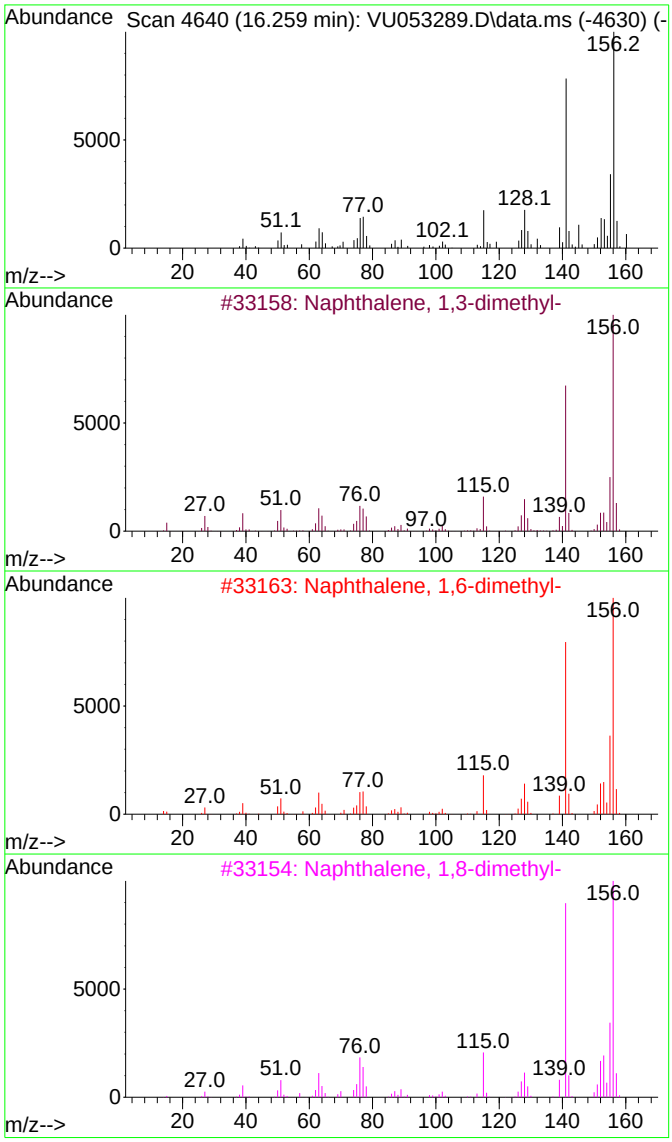
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

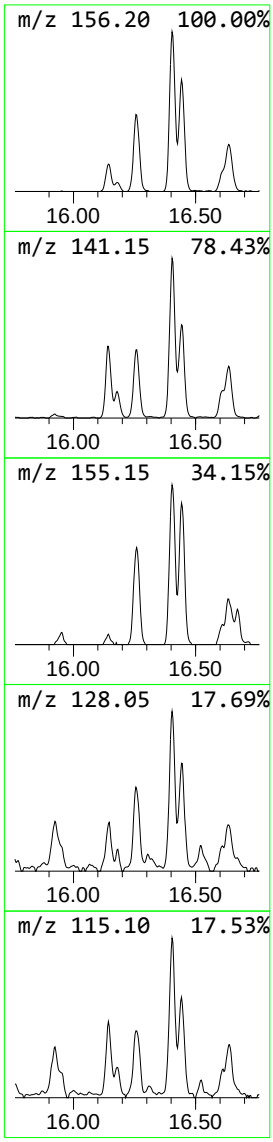
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 Naphthalene, 1,3-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.259	13.08 ug/L	129971	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

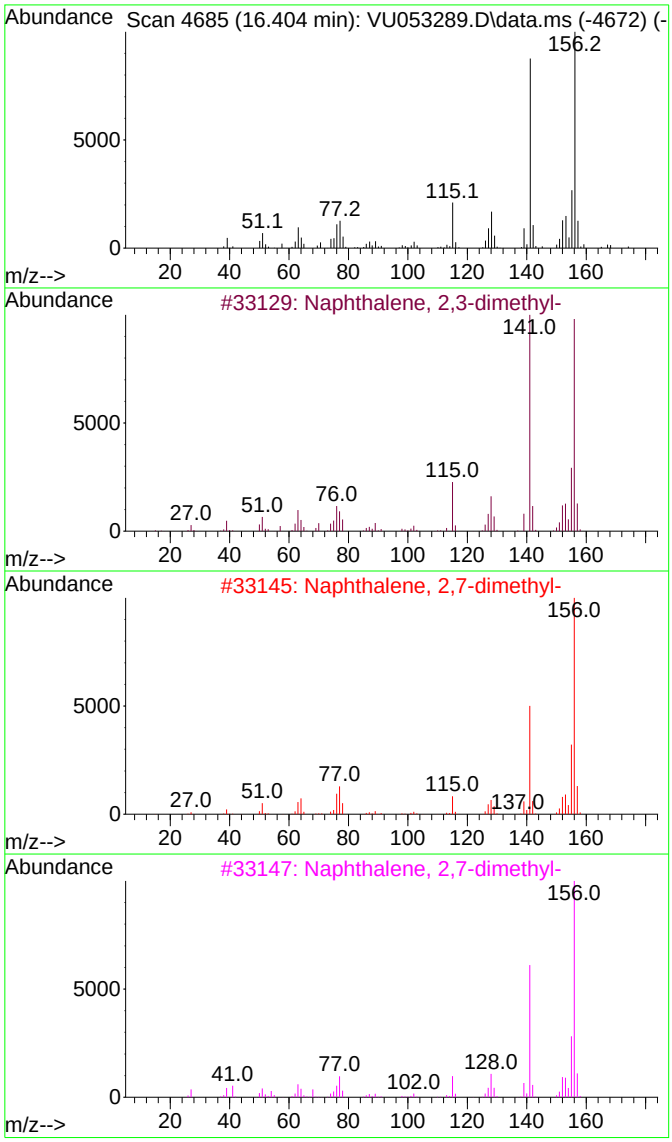
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

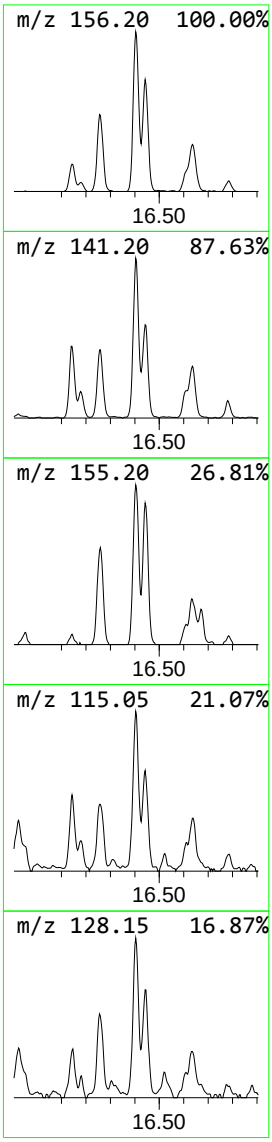
****

Peak Number 61 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.404	28.32 ug/L	281365	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

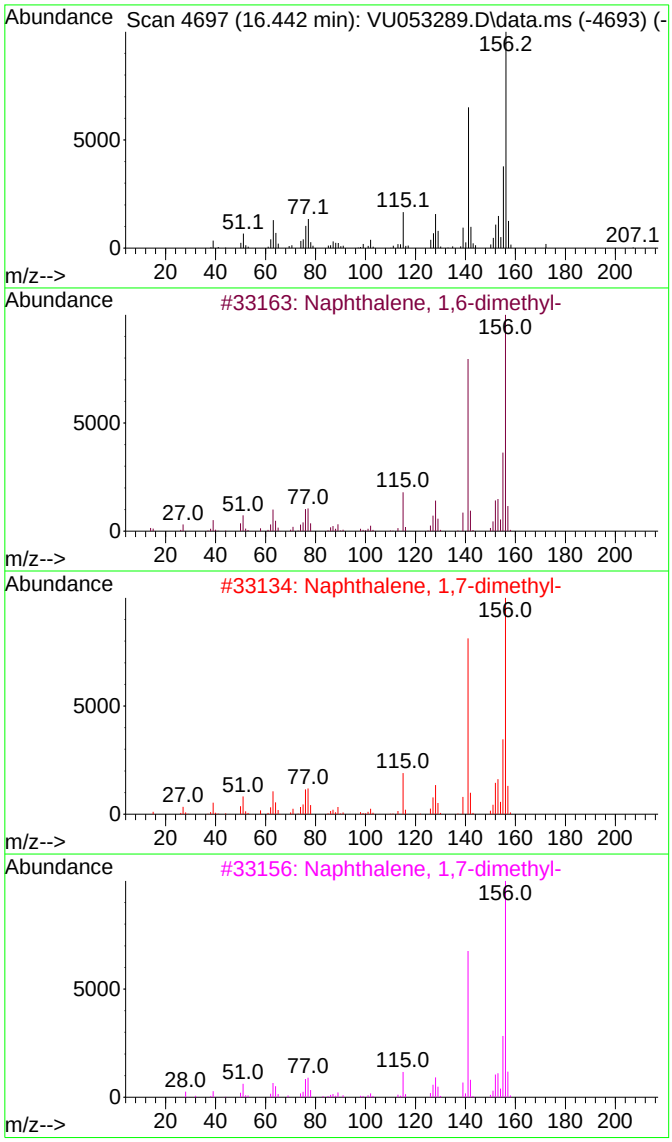
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

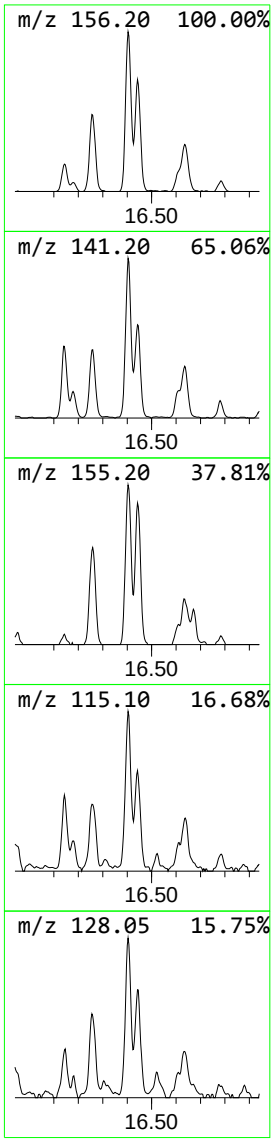
****

Peak Number 62 Naphthalene, 1,6-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.442	15.41 ug/L	153112	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

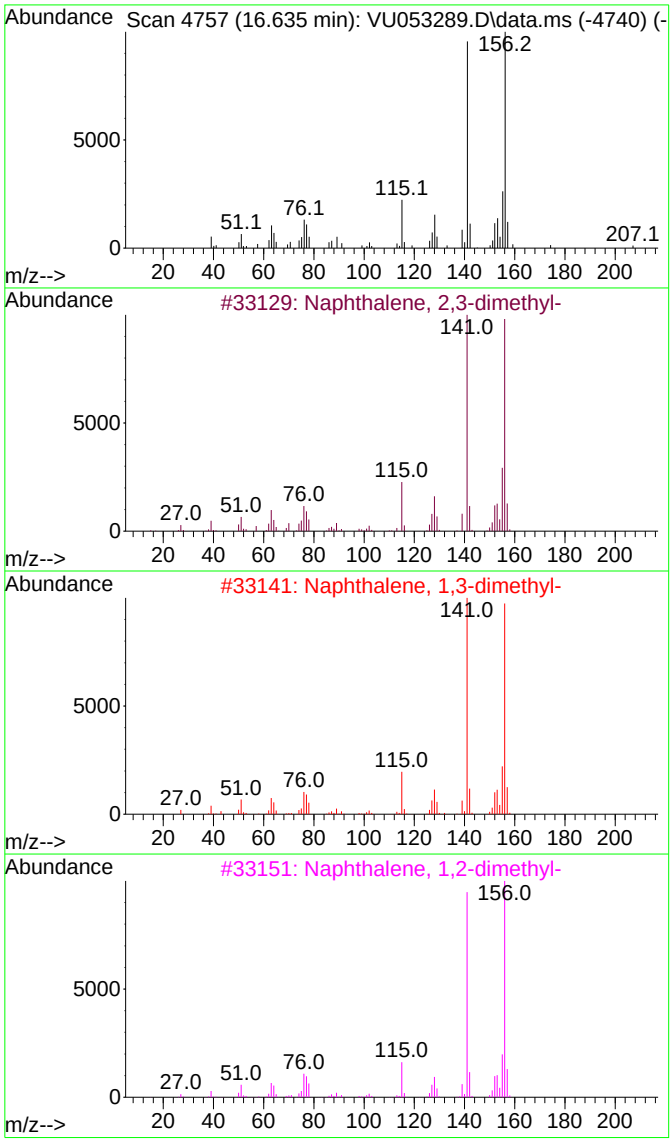
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

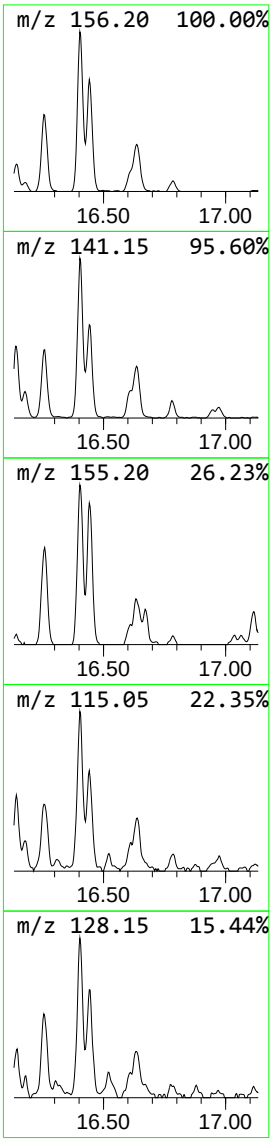
****

Peak Number 63 Naphthalene, 1,2-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.635	13.07 ug/L	129843	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	98
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053289.D
Acq On : 18 Mar 2023 00:20
Operator : JC/MD
Sample : 01956-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.356	569.3	ug/L	3953490	1	6.243	347212	50.0
unknown-01	2.478	9.4	ug/L	65612	1	6.243	347212	50.0
Dimethyl sulfide	2.681	54.4	ug/L	377512	1	6.243	347212	50.0
(DEL) Alkane: S...	3.131	8.2	ug/L	57038	1	6.243	347212	50.0
(DEL) Alkane: S...	3.356	3.2	ug/L	21925	1	6.243	347212	50.0
(DEL) Alkane: C...	4.526	37.1	ug/L	257440	1	6.243	347212	50.0
Furan, tetrahyd...	5.954	106.3	ug/L	738365	1	6.243	347212	50.0
1-Propene, 3,3'...	6.465	113.0	ug/L	784832	1	6.243	347212	50.0
(DEL) Alkane: C...	6.976	8.8	ug/L	61225	1	6.243	347212	50.0
Benzene, propyl-	10.902	26.2	ug/L	259977	3	11.809	496846	50.0
Benzene, 1-ethy...	10.992	47.5	ug/L	472279	3	11.809	496846	50.0
p-Cymene	11.738	9.3	ug/L	92858	3	11.809	496846	50.0
Benzene, 1-ethe...	12.092	19.1	ug/L	189465	3	11.809	496846	50.0
Benzene, 2-ethy...	12.462	11.1	ug/L	110189	3	11.809	496846	50.0
Benzene, 4-ethy...	12.568	27.3	ug/L	270751	3	11.809	496846	50.0
Benzene, (2-met...	12.680	25.3	ug/L	251671	3	11.809	496846	50.0
Benzene, 1,2,3,...	12.967	26.0	ug/L	258665	3	11.809	496846	50.0
Benzene, 1,2,3,...	13.021	32.2	ug/L	319867	3	11.809	496846	50.0
Benzene, 1-brom...	13.323	16.2	ug/L	161083	3	11.809	496846	50.0
Benzene, 1,2,4,...	13.446	91.5	ug/L	908771	3	11.809	496846	50.0
Naphthalene, 1,...	13.619	210.2	ug/L	2088450	3	11.809	496846	50.0
Benzene, (1-met...	13.835	12.4	ug/L	123057	3	11.809	496846	50.0
unknown-02	14.037	21.3	ug/L	211494	3	11.809	496846	50.0
Azulene	14.082	101.5	ug/L	1008950	3	11.809	496846	50.0
Naphthalene, 1,...	14.185	24.6	ug/L	243959	3	11.809	496846	50.0
Benzene, (2-met...	14.281	24.6	ug/L	244883	3	11.809	496846	50.0
unknown-03	14.587	23.9	ug/L	237492	3	11.809	496846	50.0
Naphthalene, 1,...	14.684	73.3	ug/L	728000	3	11.809	496846	50.0
Benzene, 2-ethe...	14.870	8.4	ug/L	83930	3	11.809	496846	50.0
Naphthalene, 1,...	15.011	67.2	ug/L	667697	3	11.809	496846	50.0
1,4-Methanonaph...	15.404	104.3	ug/L	1036280	3	11.809	496846	50.0
Naphthalene, 1,...	16.259	13.1	ug/L	129971	3	11.809	496846	50.0
Naphthalene, 2,...	16.404	28.3	ug/L	281365	3	11.809	496846	50.0
Naphthalene, 1,...	16.442	15.4	ug/L	153112	3	11.809	496846	50.0
Naphthalene, 1,...	16.635	13.1	ug/L	129843	3	11.809	496846	50.0