LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

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\SFAMULM092922WMA.M
Title : VOC Analysis

Signal : TIC: VU051144.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	62	80	99	rBV	233180	329652	0.29%	0.105%
2	1.681	101	106	120	rVB	35401	47125	0.04%	0.015%
3	1.896	164	173	191	rVB2	178798	291249	0.26%	0.093%
4	2.562	367	380	393	rBV	317138	512659	0.46%	0.163%
5	3.578	682	696	714	rBV	37380	87948	0.08%	0.028%
6	3.864	772	785	807	rVB2	15187	36364	0.03%	0.012%
7	4.527	975	991	1008	rBV3	40302	98153	0.09%	0.031%
8	4.620	1008	1020	1065	rBV	181278	485737	0.43%	0.155%
9	5.060	1140	1157	1176	rBV	318057	701516	0.62%	0.223%
10	5.385	1239	1258	1273	rBV3	332164	784101	0.70%	0.250%
11	5.459	1273	1281	1298	rVB5	24520	56111	0.05%	0.018%
12	5.591	1305	1322	1329	rBV2	70216	156765	0.14%	0.050%
13	5.723	1344	1363	1389	rVB2	679214	1859244	1.65%	0.592%
14	5.848	1389	1402	1413	rVV2	100416	212592	0.19%	0.068%
15	5.919	1413	1424	1434	rVV2	103558	212772	0.19%	0.068%
16	5.986	1434	1445	1472	rVB2	174244	373893	0.33%	0.119%
17	6.131	1477	1490	1512	rVB3	28384	62659	0.06%	0.020%
18	6.247	1512	1526	1554	rBV	527521	1003210	0.89%	0.320%
19	6.690	1650	1664	1672	rBV	425603	840700	0.75%	0.268%
20	6.761	1672	1686	1708	rVV	1701998	3608525	3.21%	1.149%
21	6.864	1710	1718	1731	rVV4	28935	59757	0.05%	0.019%
22	6.980	1740	1754	1767	rVV	220794	415850	0.37%	0.132%
23	7.070	1767	1782	1795	rVB5	48946	111609	0.10%	0.036%
24	7.189	1800	1819	1825	rBV5	30817	65632	0.06%	0.021%
25	7.231	1825	1832	1851	rVB4	48349	96009	0.09%	0.031%
26	7.401	1869	1885	1888	rBV4	23902	44513	0.04%	0.014%
27	7.494	1902	1914	1922	rBV3	36205	67722	0.06%	0.022%
28	7.565	1922	1936	1955	rVV	214280	444129	0.39%	0.141%
29	7.658	1957	1965	1973	rBV2	42561	66355	0.06%	0.021%
30	7.768	1990	1999	2012	rVB8	13992	28806	0.03%	0.009%
31	7.854	2013	2026	2030	rBV2	175632	293295	0.26%	0.093%
32	7.896	2030	2039	2048	rVB	800293	1322234	1.17%	0.421%
33	7.970	2048	2062	2079	rBV3	39629076	69244759	61.51%	22.053%
34	8.176	2116	2126	2136	rVB	173333	280371	0.25%	0.089%
35	8.243	2136	2147	2166	rVB3	196647	402414	0.36%	0.128%
36	8.366	2168	2185	2195	rBV2	100275	187767	0.17%	0.060%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

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\SFAMULM092922WMA.M
Title : VOC Analysis

37	8.632	2253	2268	2299	rBV2	508184	1111076	0.99%	0.354%
38	8.806	2311	2322	2331	rBV3	77542	141412	0.13%	0.045%
39	8.864	2331	2340	2351	rVV2	239887	417601	0.37%	0.133%
40	8.944	2351	2365	2391	rVB4	91518	273949	0.24%	0.087%
41	9.163	2424	2433	2442	rBV4	21211	35159	0.03%	0.011%
42	9.366	2481	2496	2502	rBV3	49021	91876	0.08%	0.029%
43	9.417	2502	2512	2526	rVV	758704	1223768	1.09%	0.390%
44	9.510	2530	2541	2547	rVV	145180	234492	0.21%	0.075%
45	9.571	2547	2560	2584	rVV2	36146999	60064898	53.35%	19.130%
46	9.700	2584	2600	2644	rVV3	62385105	112577774	100.00%	35.854%
47	9.890	2647	2659	2675	rVB6	45986	103372	0.09%	0.033%
48	9.976	2678	2686	2691	rBV5	18177	27153	0.02%	0.009%
49	10.034	2691	2704	2711	rVV3	198930	435587	0.39%	0.139%
50	10.099	2712	2724	2752	rVB	3042867	4964777	4.41%	1.581%
51	10.237	2754	2767	2771	rBV2	125293	211576	0.19%	0.067%
52	10.272	2771	2778	2793	rVV	268795	451889	0.40%	0.144%
53	10.359	2793	2805	2824	rVV7	257371	624720	0.55%	0.199%
54	10.481	2824	2843	2874	rVB	3517628	5523816	4.91%	1.759%
55	10.616	2879	2885	2899	rVB10	20358	41889	0.04%	0.013%
56	10.697	2899	2910	2918	rBV2	140548	243358	0.22%	0.078%
57	10.755	2918	2928	2938	rBV	650601	1035732	0.92%	0.330%
58	10.812	2938	2946	2962	rVB4	125720	221467	0.20%	0.071%
59	10.902	2962	2974	2993	rBV	2632559	4092611	3.64%	1.303%
60	10.999	2994	3004	3005	rBV	196759	233713	0.21%	0.074%
61	11.086	3024	3031	3041	rVB	163001	249167	0.22%	0.079%
62	11.185	3055	3062	3066	rBV6	16217	23023	0.02%	0.007%
63	11.230	3067	3076	3085	rVV	328733	510874	0.45%	0.163%
64	11.295	3086	3096	3114	rVB3	283325	565664	0.50%	0.180%
65	11.417	3126	3134	3139	rBV2	60541	86413	0.08%	0.028%
66	11.465	3139	3149	3167	rVB	1364528	2029977	1.80%	0.647%
67	11.555	3168	3177	3185	rBV	321405	492272	0.44%	0.157%
68	11.610	3186	3194	3196	rVV	188481	259351	0.23%	0.083%
69	11.639	3197	3203	3213	rVV	574814	901372	0.80%	0.287%
70	11.693	3213	3220	3231	rVB4	78500	136664	0.12%	0.044%
71	11.783	3238	3248	3269	rVB2	1642321	3950768	3.51%	1.258%
72	11.893	3269	3282	3295	rBV	5015652	7664020	6.81%	2.441%
73	12.005	3308	3317	3326	rBV	151480	225434	0.20%	0.072%
74	12.092	3326	3344	3361	rVB3	1551420	2729018	2.42%	0.869%
75	12.189	3362	3374	3395	rVB4	1212083	2492965	2.21%	0.794%
76	12.298	3398	3408	3420	rVB	245056	381157	0.34%	0.121%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

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\SFAMULM092922WMA.M
Title : VOC Analysis

77	12.375	3421	3432	3447	rVB	664063	1006780	0.89%	0.321%
78	12.462	3450	3459	3464	rBV3	44884	69504	0.06%	0.022%
79	12.568	3481	3492	3500	rBV	1014897	1529844	1.36%	0.487%
80	12.610	3500	3505	3517	rVV	322230	484145	0.43%	0.154%
81	12.684	3517	3528	3545	rVV3	702781	1537676	1.37%	0.490%
82	12.758	3546	3551	3561	rVV6	34830	50958	0.05%	0.016%
83	12.825	3564	3572	3576	rVV4	32767	59170	0.05%	0.019%
84	12.873	3576	3587	3599	rVB2	629989	1024898	0.91%	0.326%
85	12.970	3599	3617	3627	rBV	468411	775420	0.69%	0.247%
86	13.025	3627	3634	3650	rVB3	79097	148805	0.13%	0.047%
87	13.105	3650	3659	3673	rVB4	53901	98661	0.09%	0.031%
88	13.198	3679	3688	3697	rBV3	28609	54023	0.05%	0.017%
89	13.253	3697	3705	3710	rVV3	52363	82896	0.07%	0.026%
90	13.291	3710	3717	3744	rVB	128100	246062	0.22%	0.078%
91	13.446	3745	3765	3780	rBV3	1471404	2452604	2.18%	0.781%
92	13.623	3808	3820	3843	rVB	590231	940291	0.84%	0.299%
93	13.735	3847	3855	3861	rVV8	14443	24545	0.02%	0.008%
94	13.783	3862	3870	3877	rVV2	21962	40148	0.04%	0.013%
95	13.835	3877	3886	3895	rVV4	49348	89119	0.08%	0.028%
96	13.909	3897	3909	3913	rVV2	25044	52733	0.05%	0.017%
97	13.941	3914	3919	3933	rVB3	33805	59177	0.05%	0.019%
98	14.082	3948	3963	3984	rBV	679047	1133465	1.01%	0.361%
99	14.189	3989	3996	4009	rVV7	13903	24753	0.02%	0.008%
100	14.285	4019	4026	4036	rVV5	16823	31077	0.03%	0.010%

Sum of corrected areas: 313990755

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
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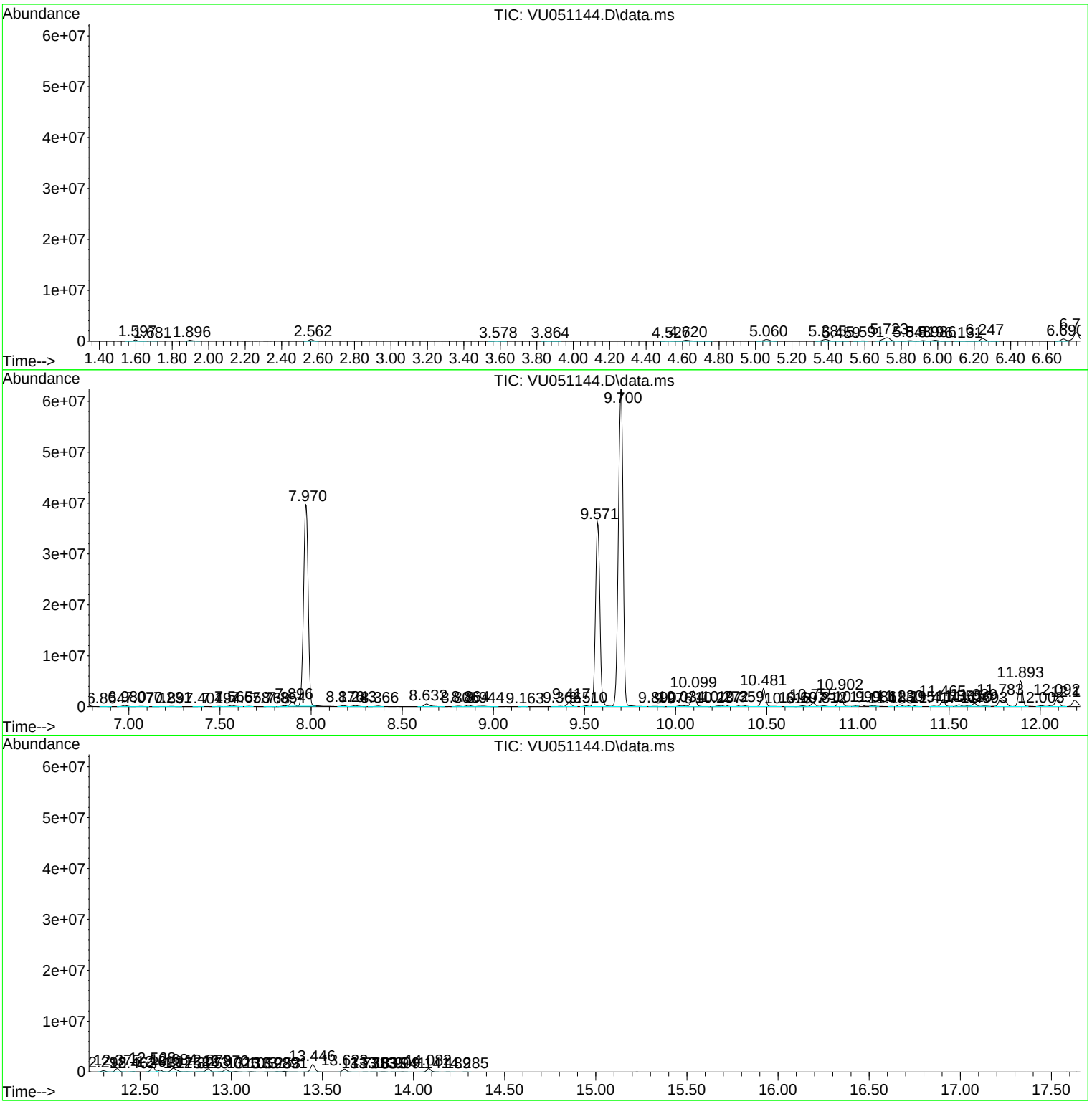
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

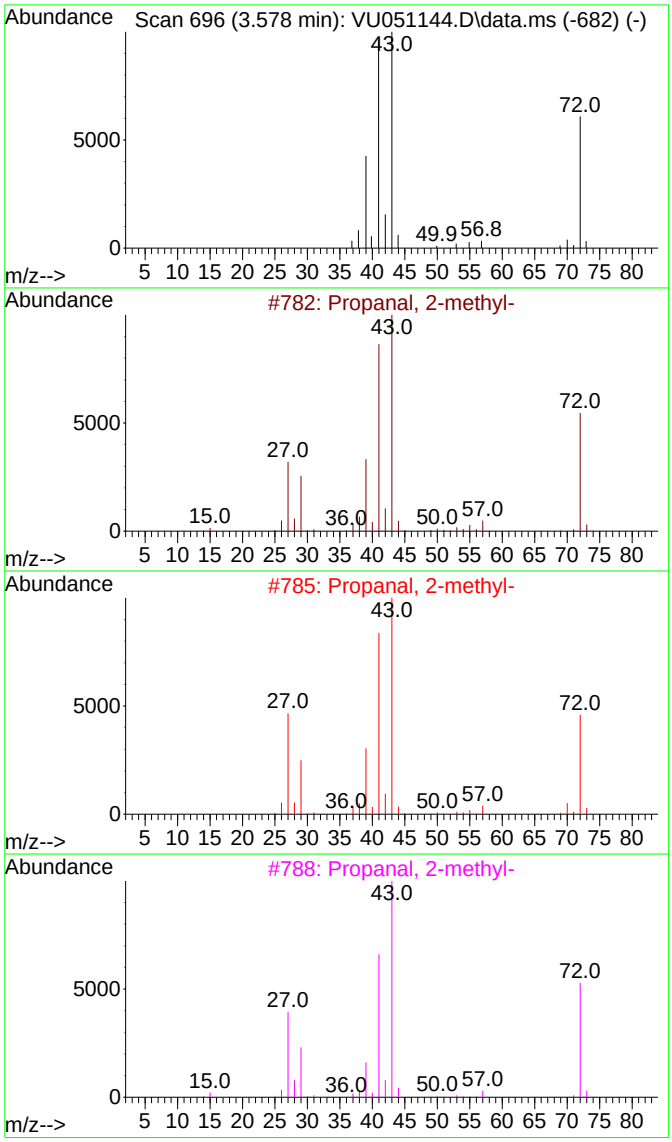
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

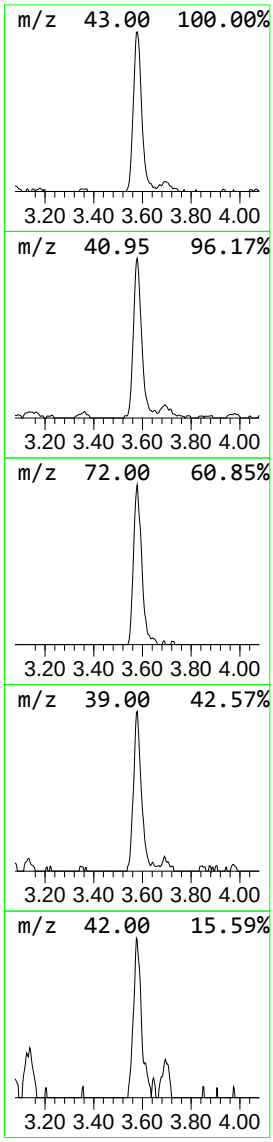
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propanal, 2-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.578	4.38 ug/L	87948	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-	72	C4H8O	000078-84-2	90
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	90
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	52
4	Propanal, 2-methyl-	72	C4H8O	000078-84-2	50
5	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

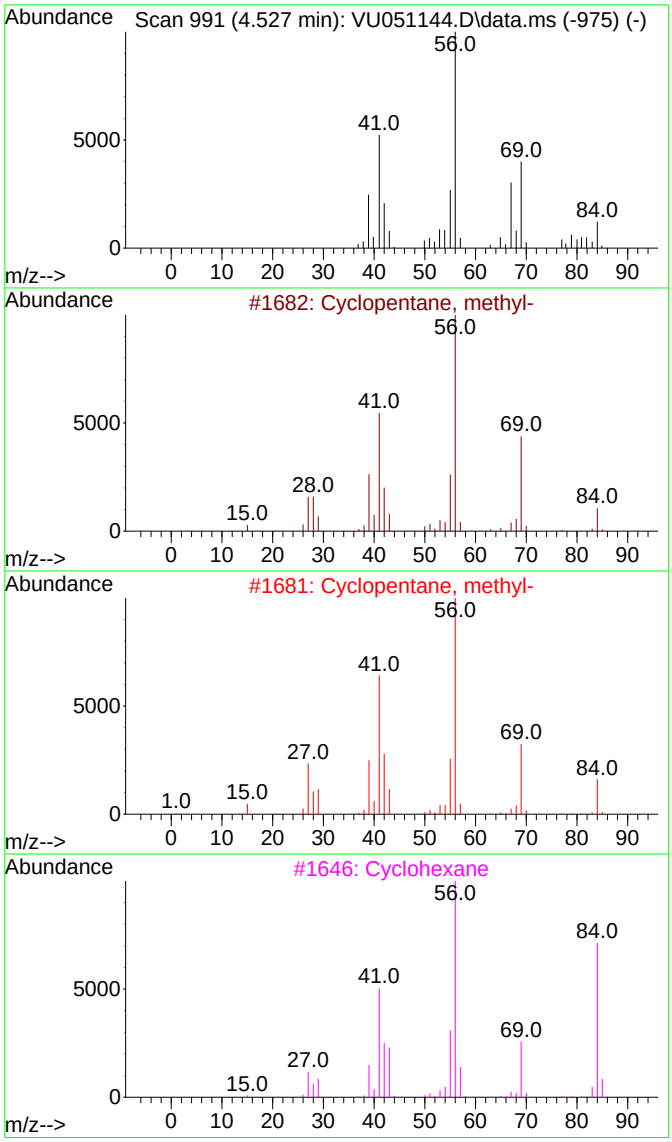
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

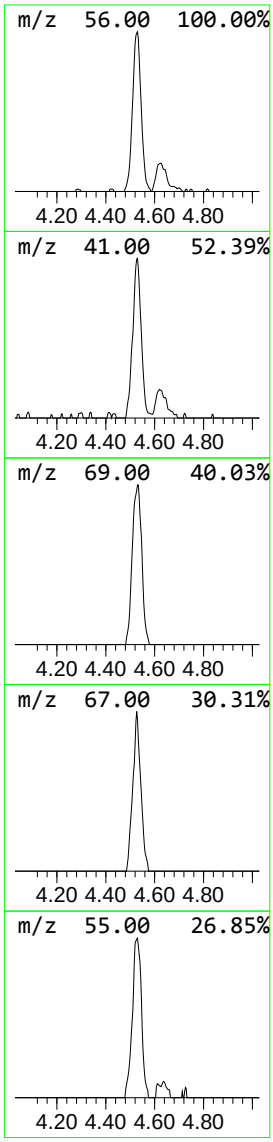
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic4.527 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.527	4.89 ug/L	98153	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	68
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
3	Cyclohexane	84	C6H12	000110-82-7	59
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	58
5	Cyclohexane	84	C6H12	000110-82-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

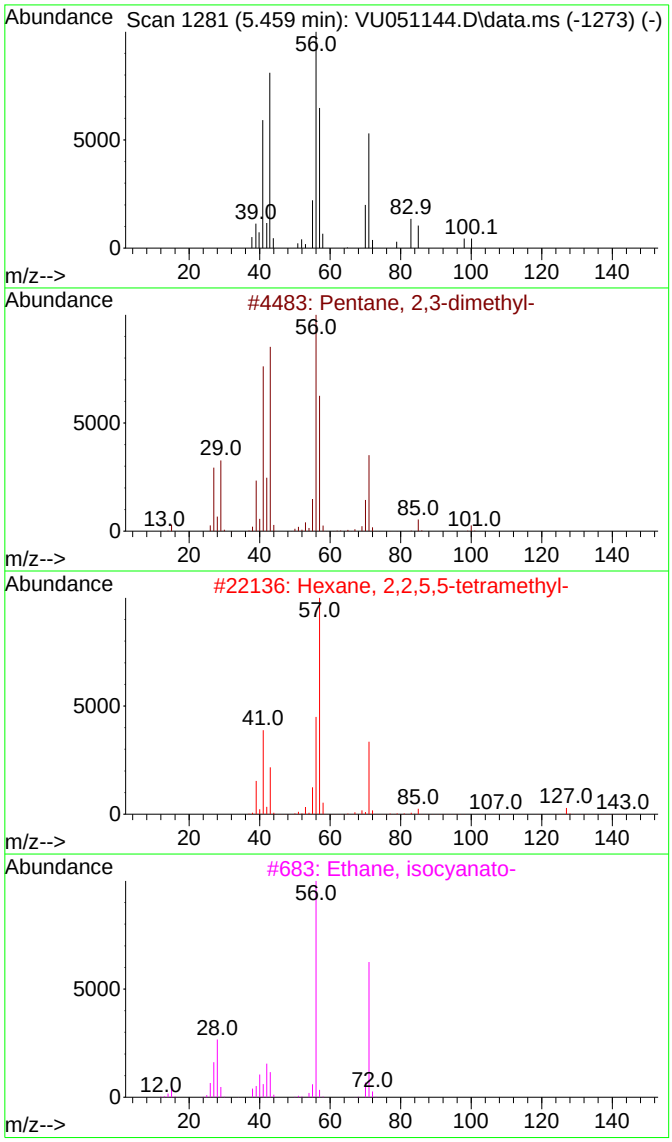
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

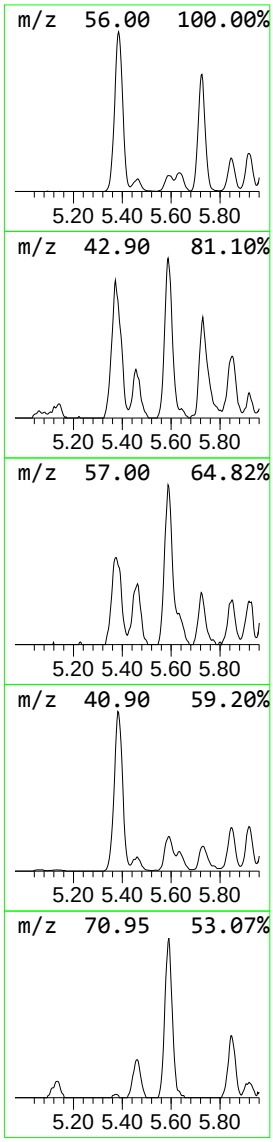
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.459	2.80 ug/L	56111	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
2	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59
3	Ethane, isocyanato-	71	C3H5NO	000109-90-0	50
4	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	50
5	Cyanic acid, propyl ester	85	C4H7NO	001768-36-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

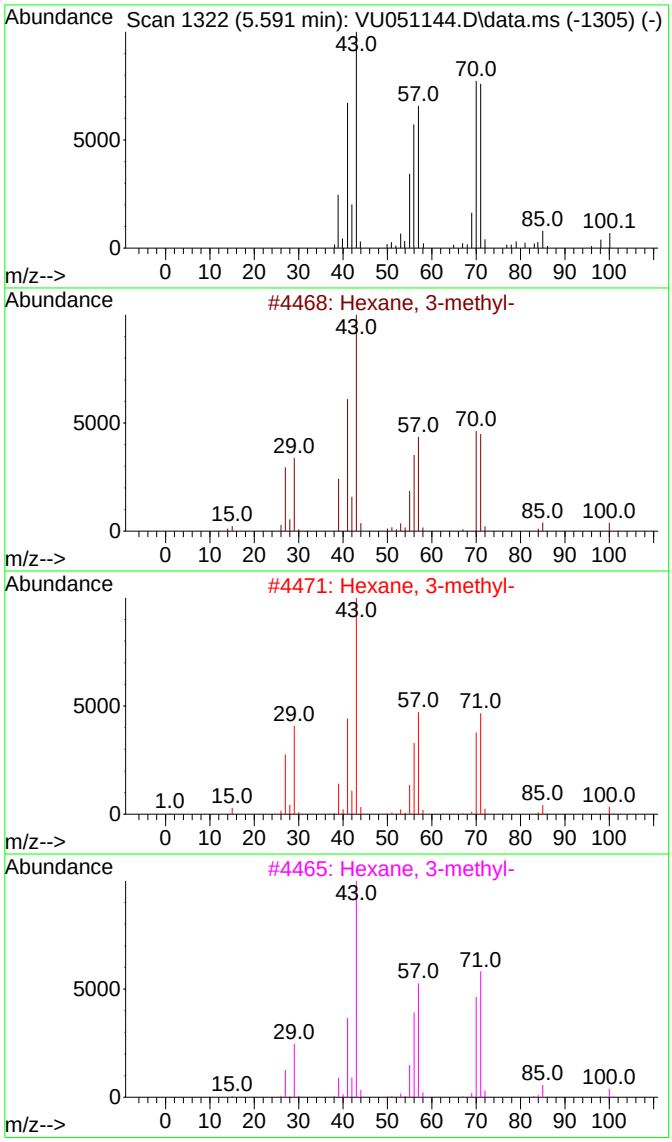
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

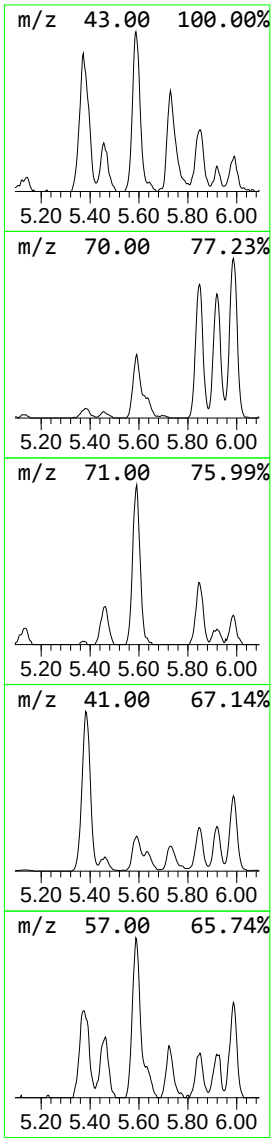
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.591	7.81 ug/L	156765	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	94
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	86
4	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	64
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

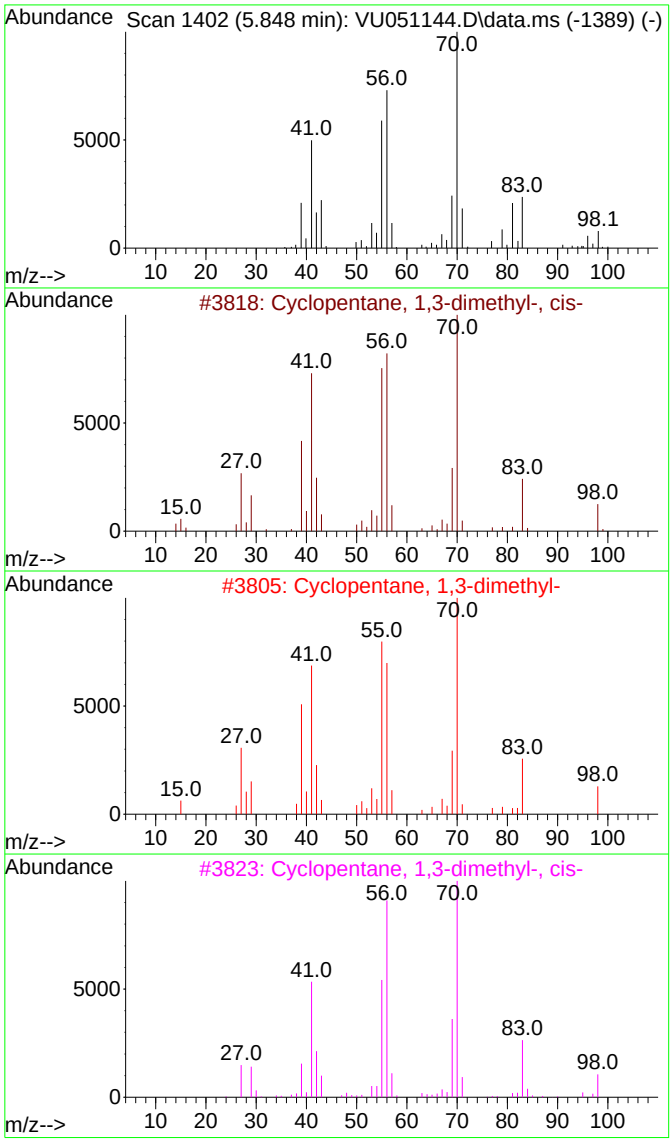
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

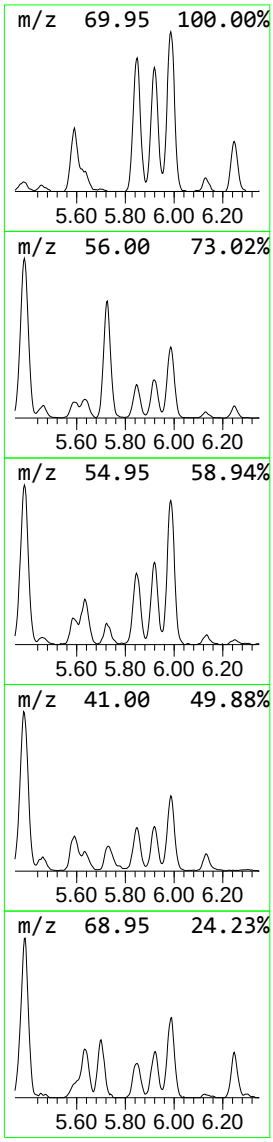
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic5.848 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.848	10.60 ug/L	212592	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4	Formic acid, heptyl ester	144	C8H16O2	000112-23-2	64
5	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

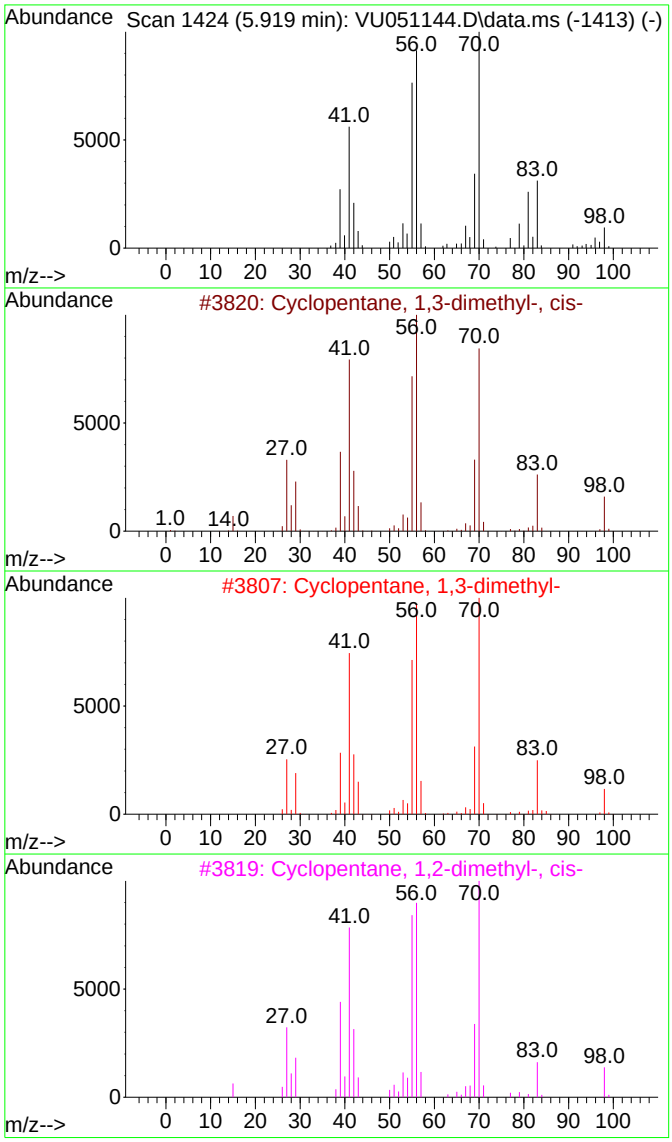
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

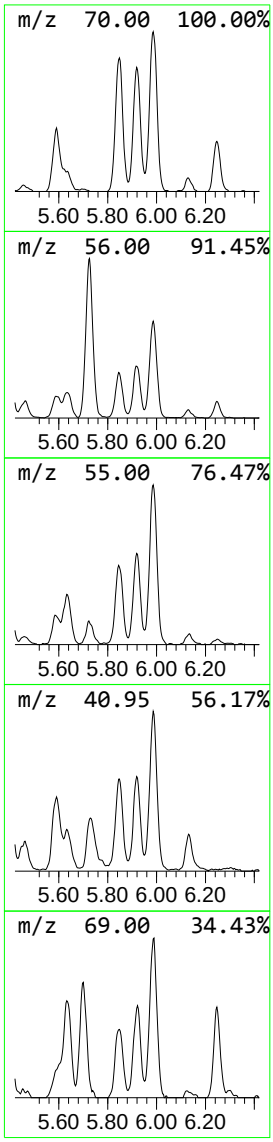
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic5.919 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.919	10.60 ug/L	212772	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	93
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	87
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	87
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	87
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

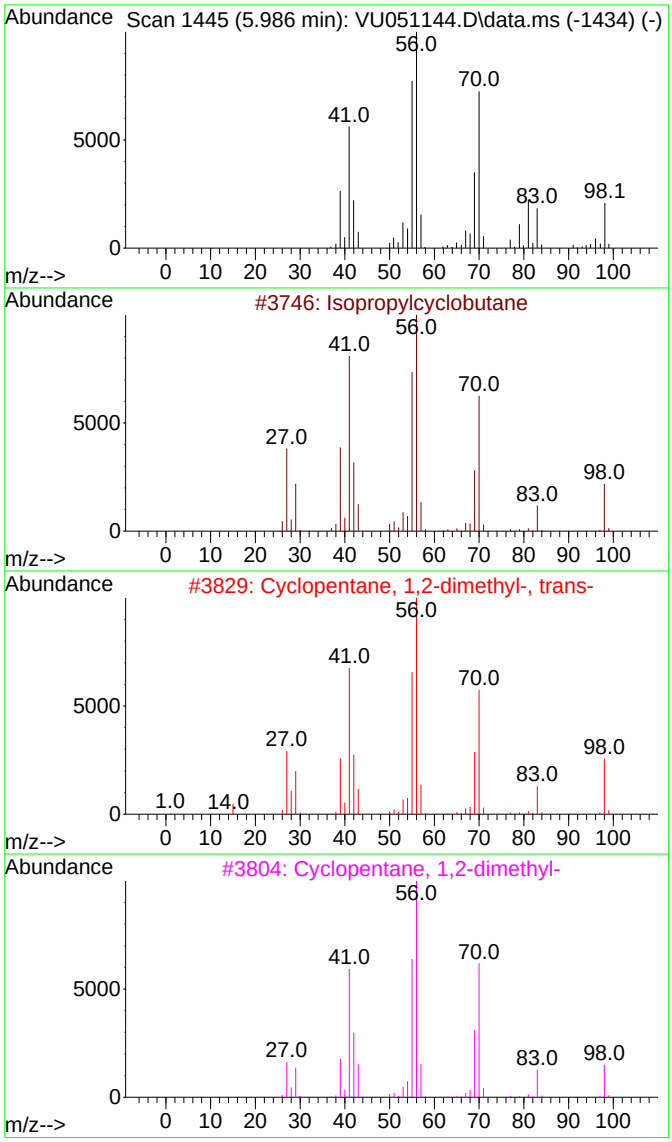
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

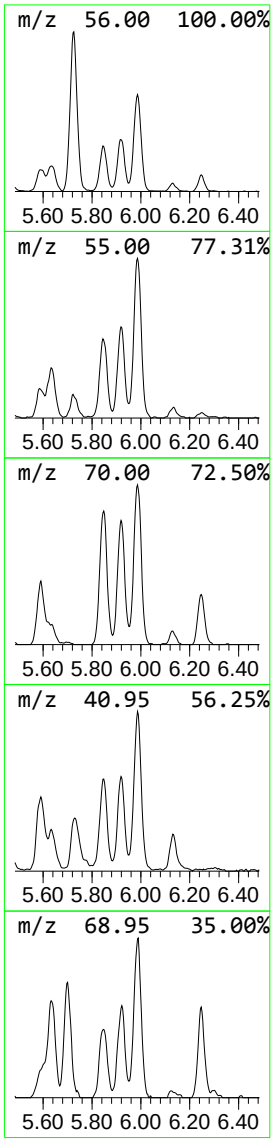
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic5.986 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.986	18.63 ug/L	373893	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	93
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	90
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	87
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	72





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Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

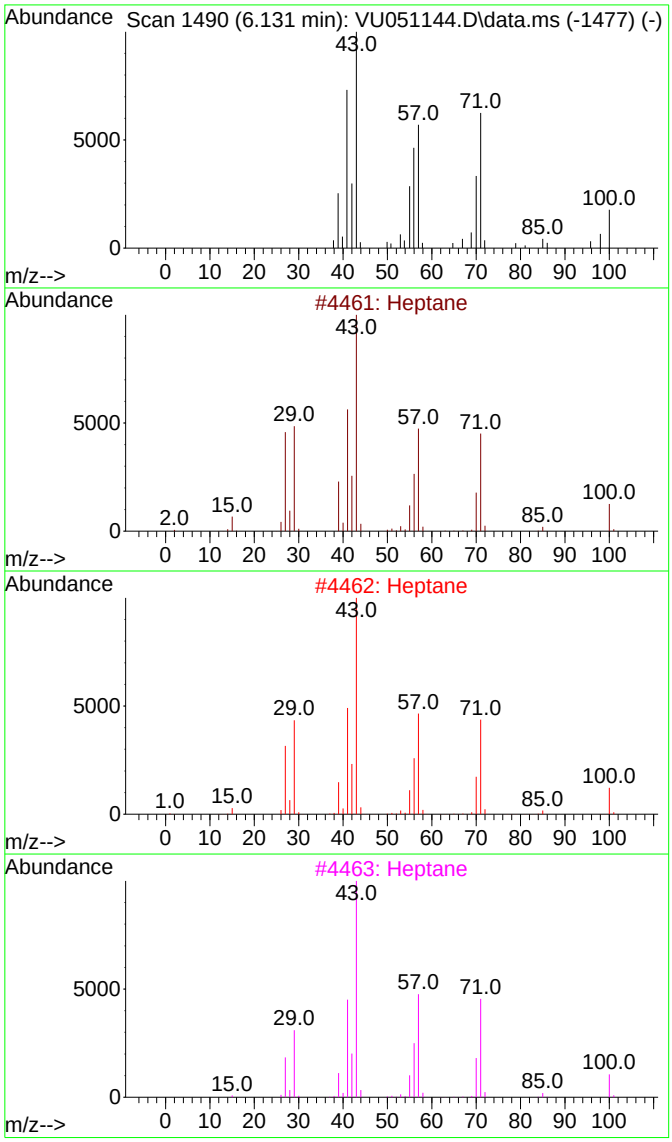
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

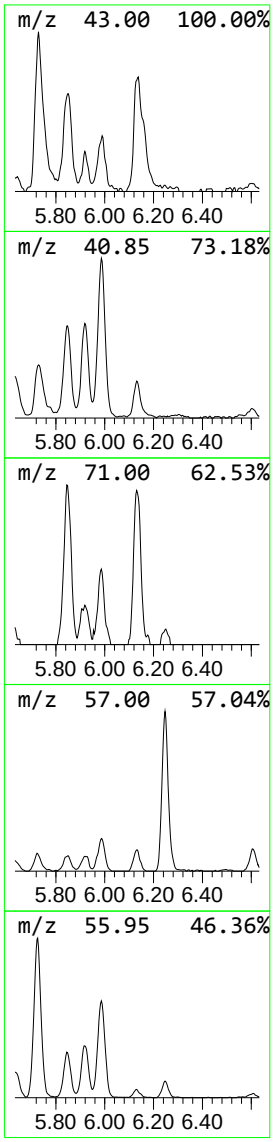
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.131	3.12 ug/L	62659	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	80
2	Heptane	100	C7H16	000142-82-5	80
3	Heptane	100	C7H16	000142-82-5	72
4	Heptane	100	C7H16	000142-82-5	59
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

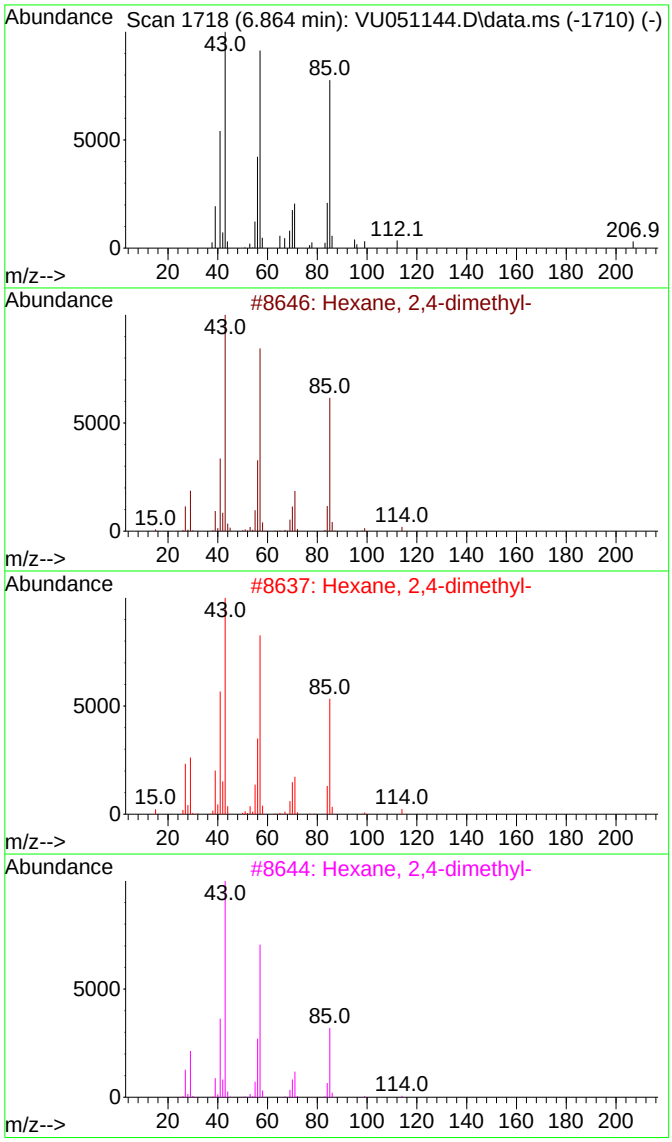
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

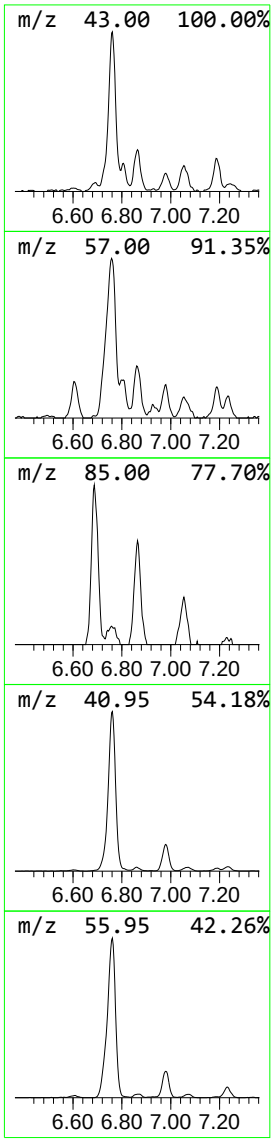
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.864	2.98 ug/L	59757	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	78
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	78
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	78
4	2-Pentoxy-tetrahydropyran	172	C10H20O2	032767-70-7	59
5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

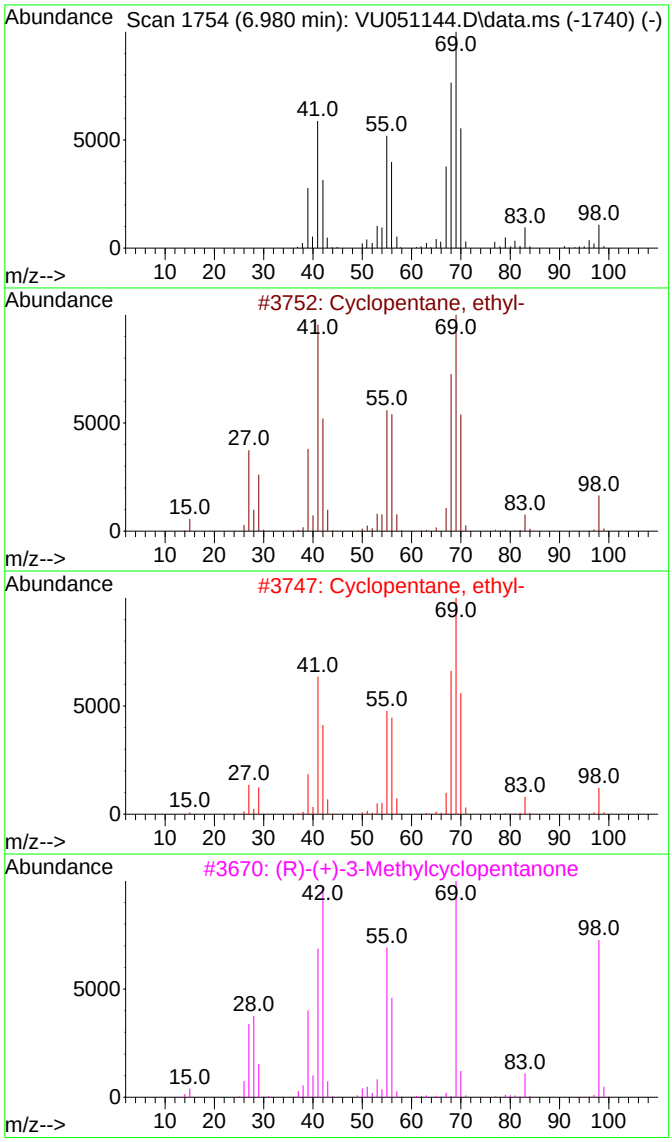
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

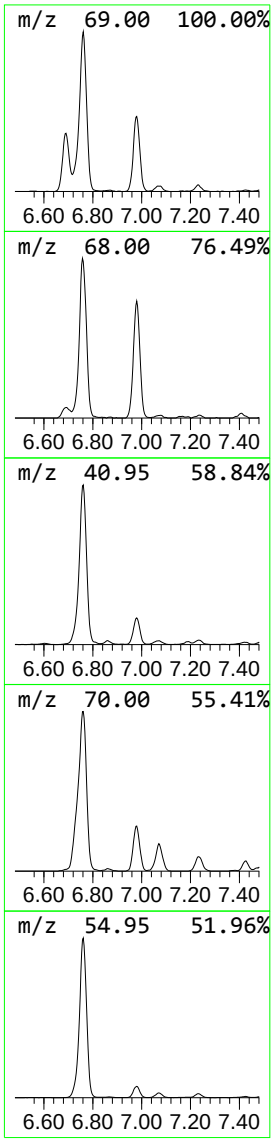
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic6.980 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.980	20.73 ug/L	415850	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	93
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	81
3	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	46
4	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	43
5	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

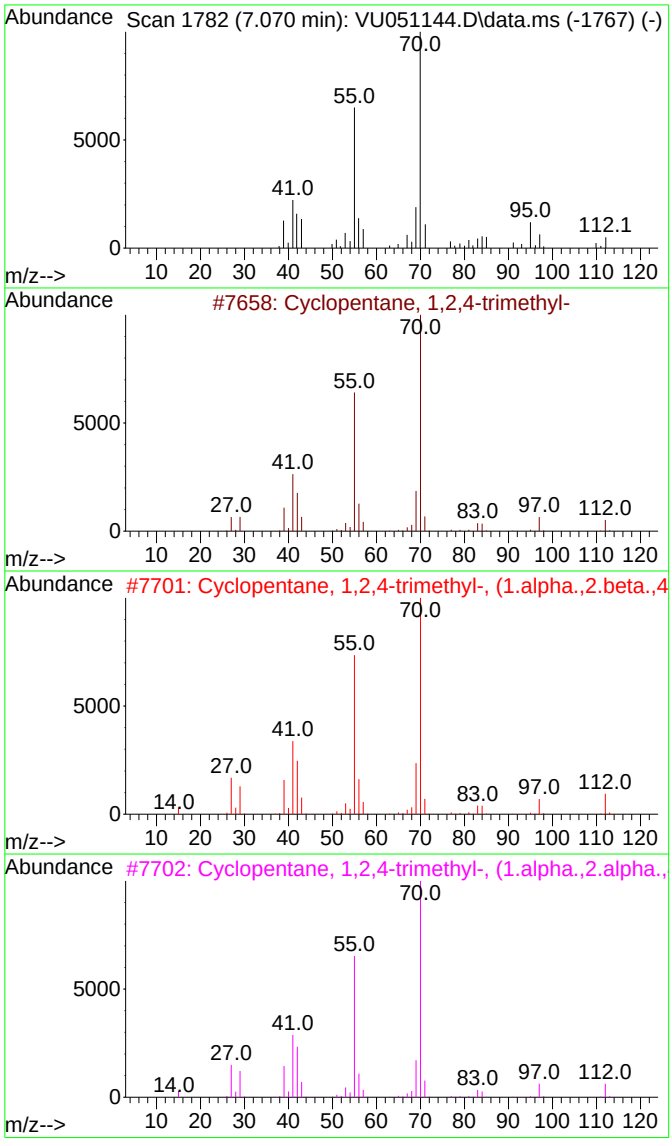
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

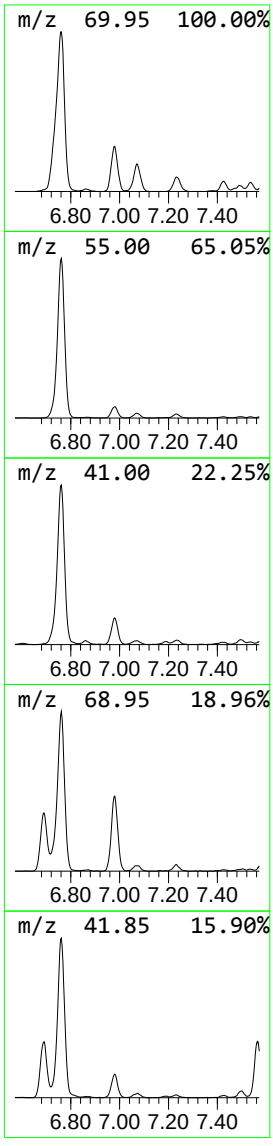
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic7.070 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.070	5.56 ug/L	111609	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	87
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	80
4	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	72
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

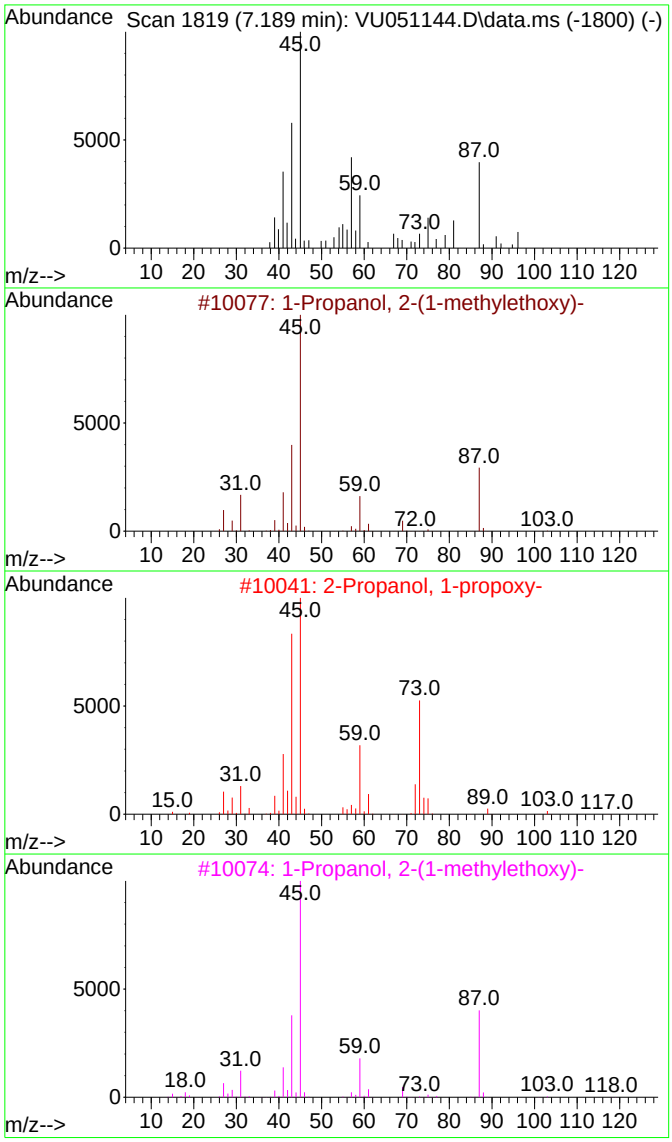
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

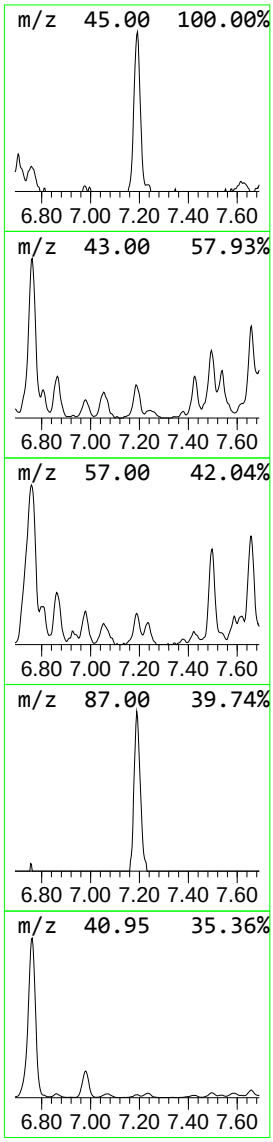
****

Peak Number 12 unknown-01 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.189	3.27 ug/L	65632	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	45
2	2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	43
3	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	42
4	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	39
5	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

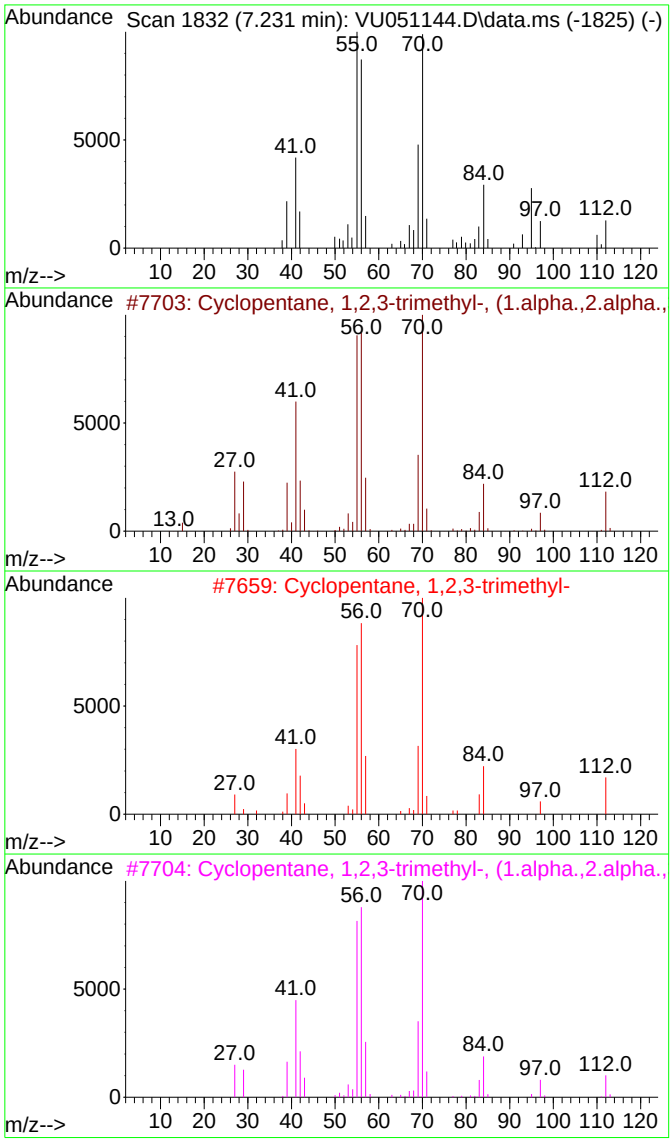
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

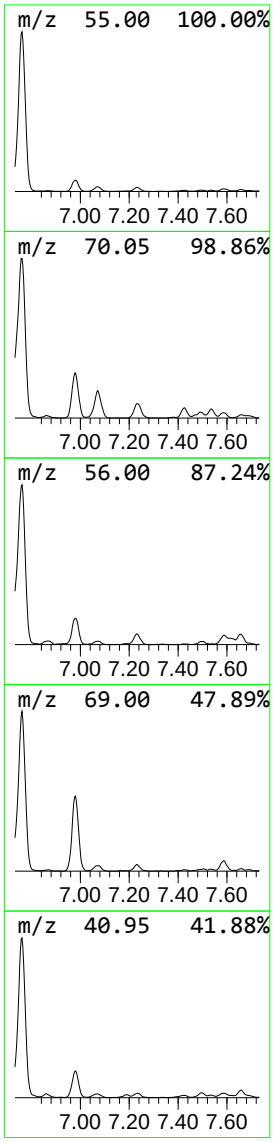
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic7.231 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.231	4.79 ug/L	96009	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
2	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	83
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	80
4	2-Octene	112	C8H16	000111-67-1	68
5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

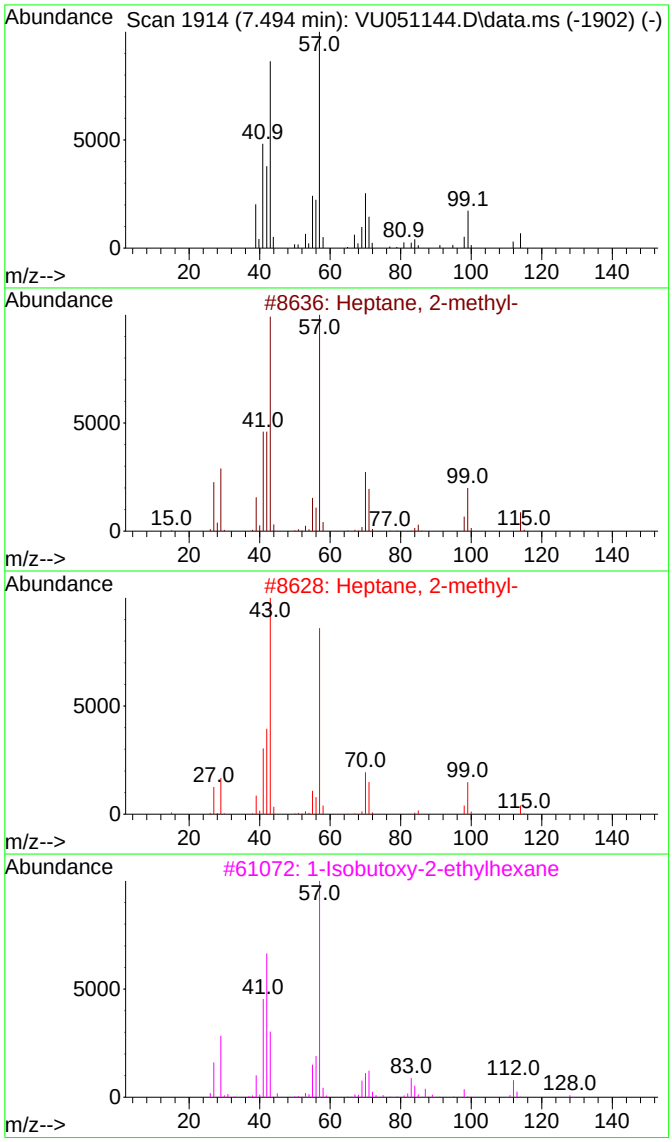
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

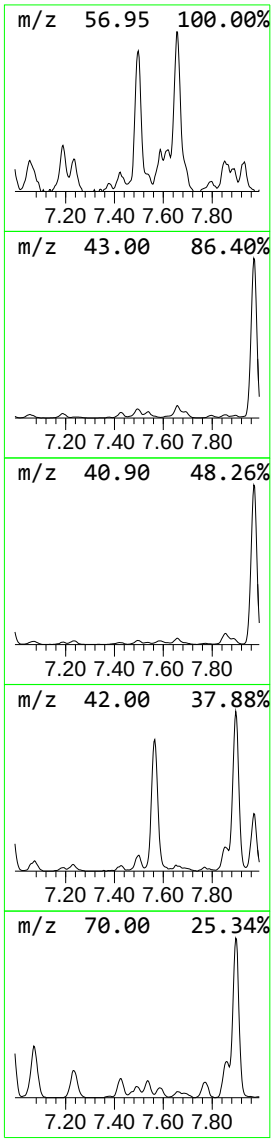
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.494	3.38 ug/L	67722	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	76
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	68
3	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	53
4	Heptane, 2-methyl-	114	C8H18	000592-27-8	52
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50





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Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

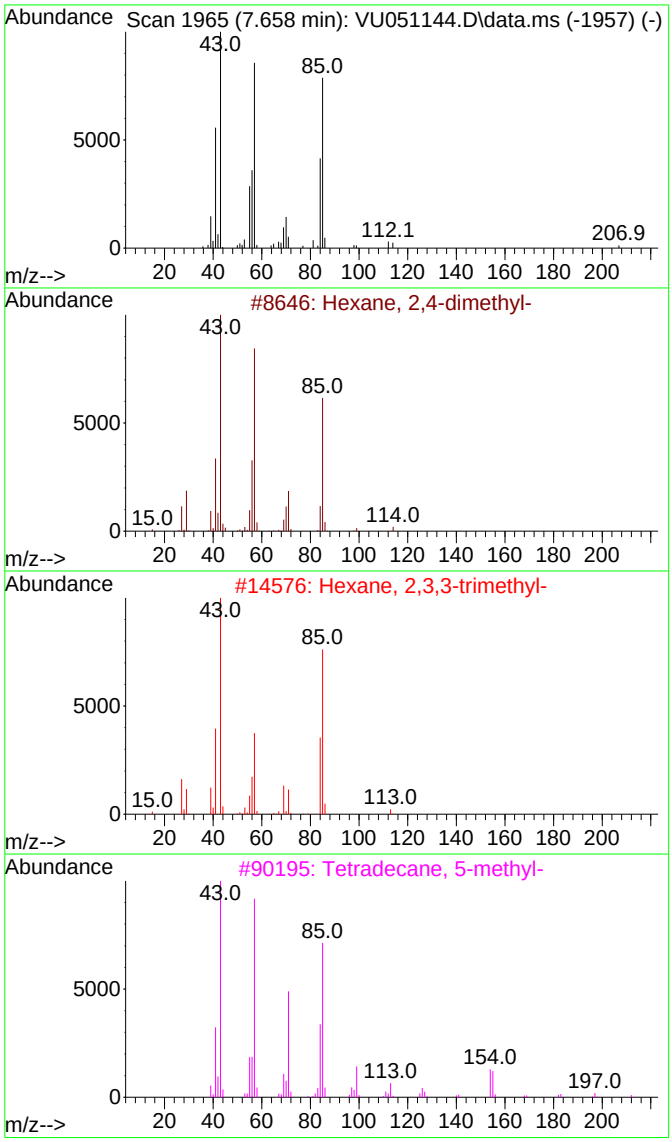
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

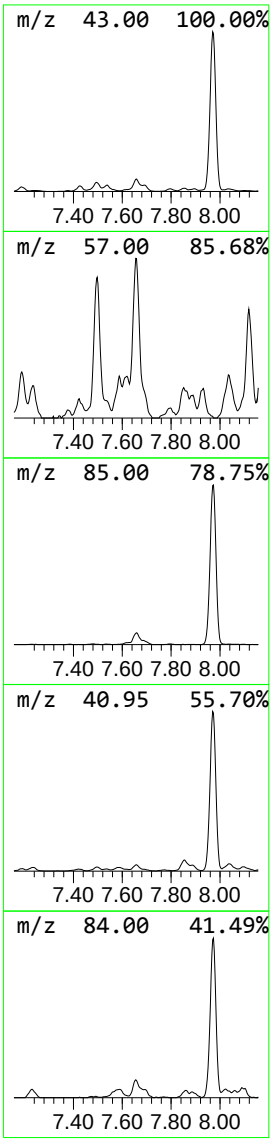
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.658	3.31 ug/L	66355	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	83
2	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	78
3	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	72
4	Nonane, 5-methyl-	142	C10H22	015869-85-9	64
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

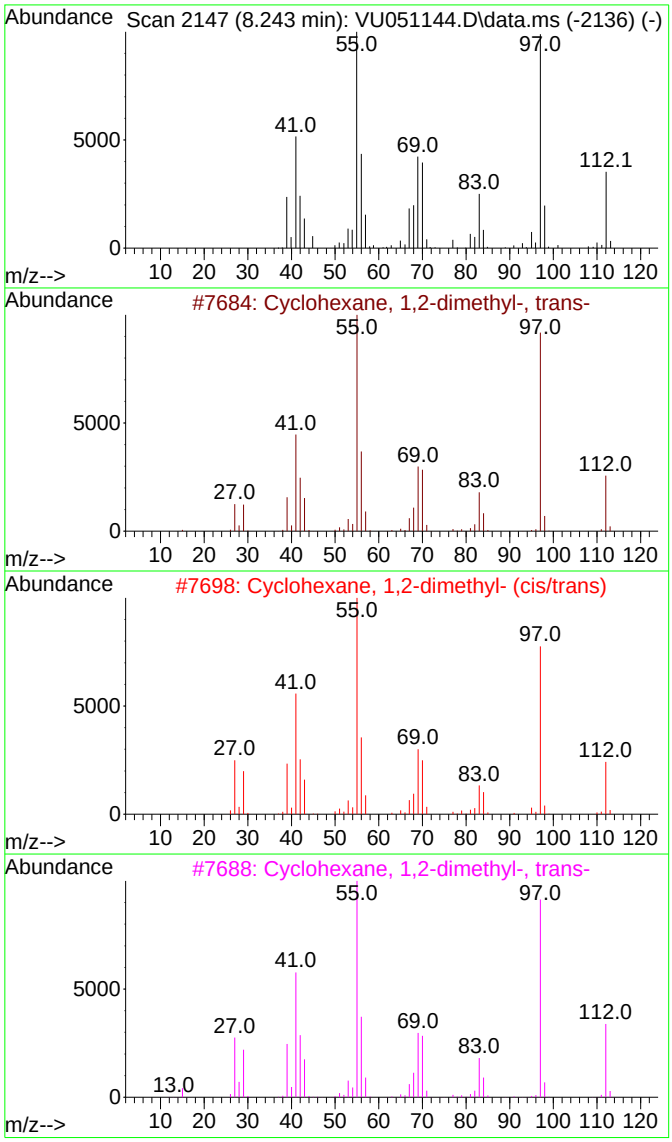
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

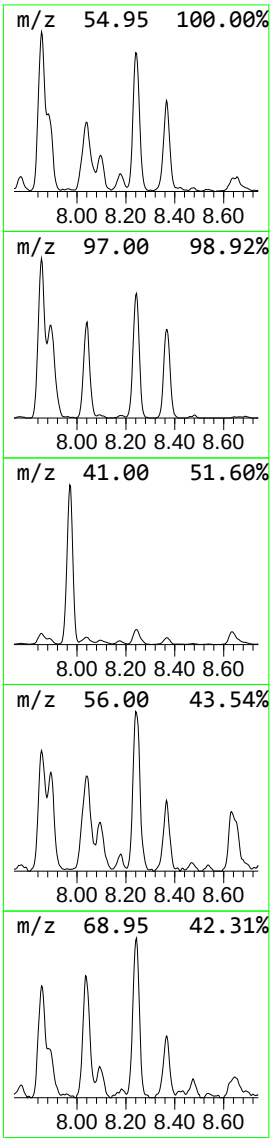
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic8.243 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.243	16.44 ug/L	402414	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	93
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
4	2-Octene, (E)-	112	C8H16	013389-42-9	90
5	3-Octene, (E)-	112	C8H16	014919-01-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

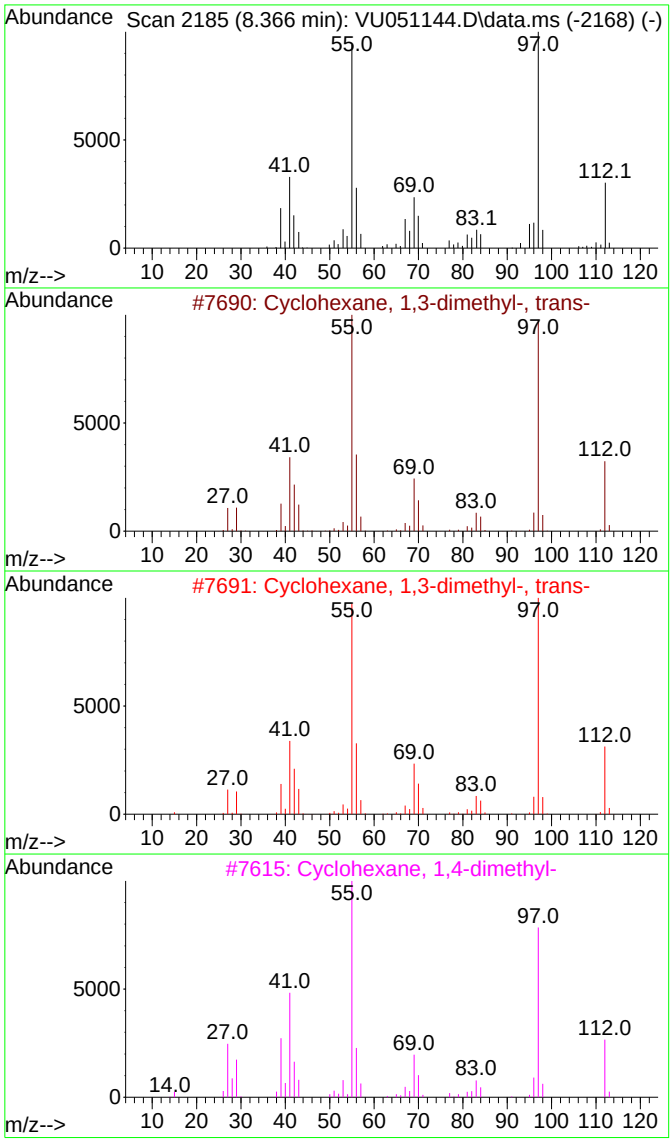
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

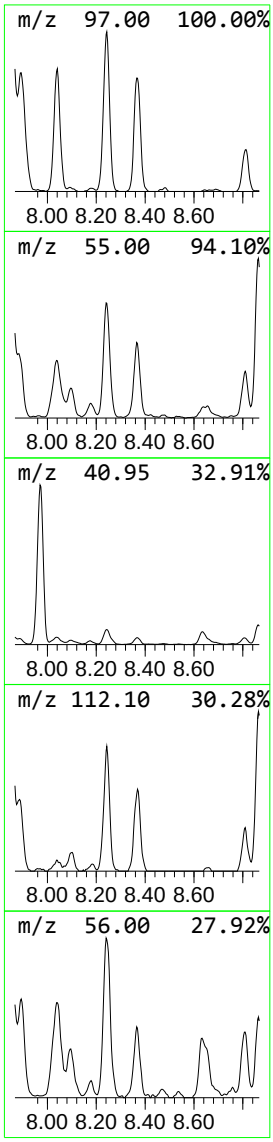
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic8.366 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.366	7.67 ug/L	187767	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	93
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	90
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

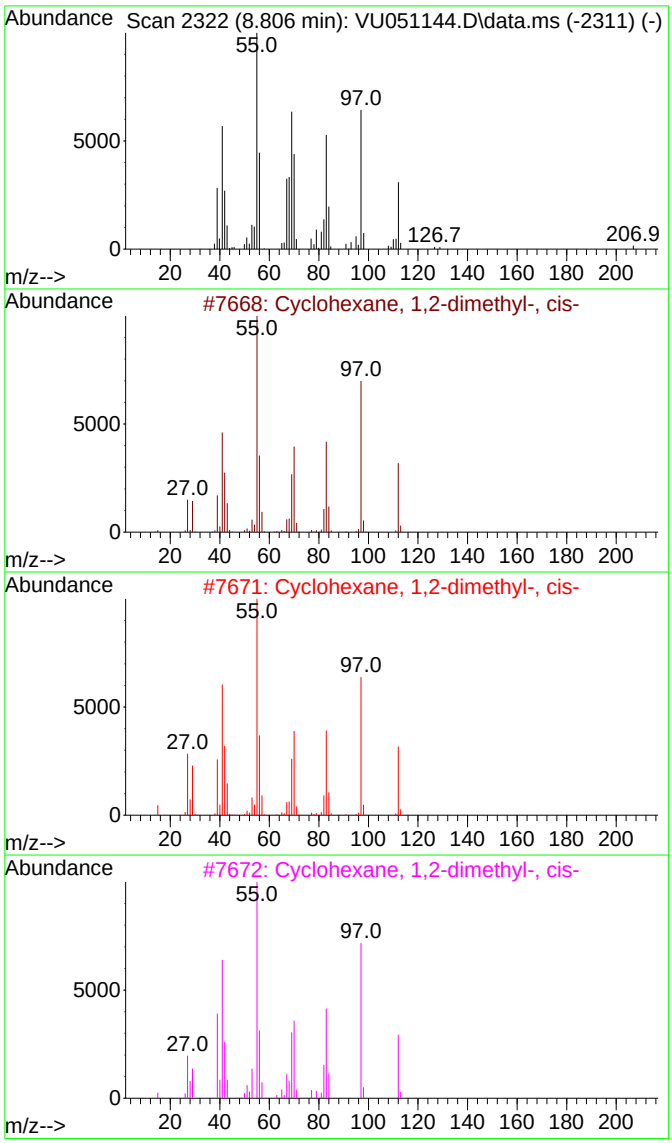
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

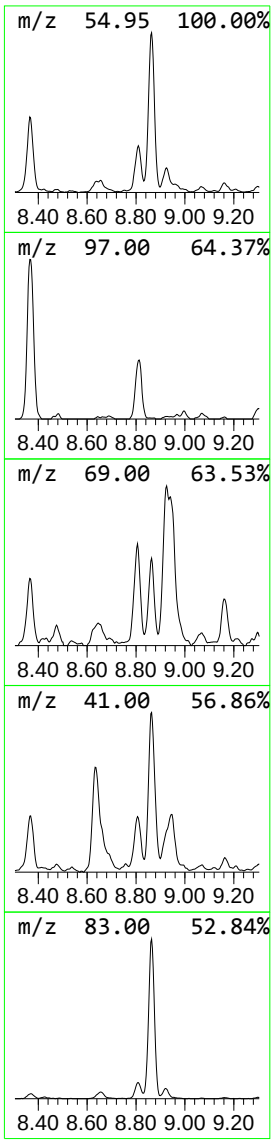
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic8.806 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.806	5.78 ug/L	141412	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	94
2	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	93
3	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	60
4	2-Octene, (E)-	112	C8H16	013389-42-9	60
5	2-Octene, (Z)-	112	C8H16	007642-04-8	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

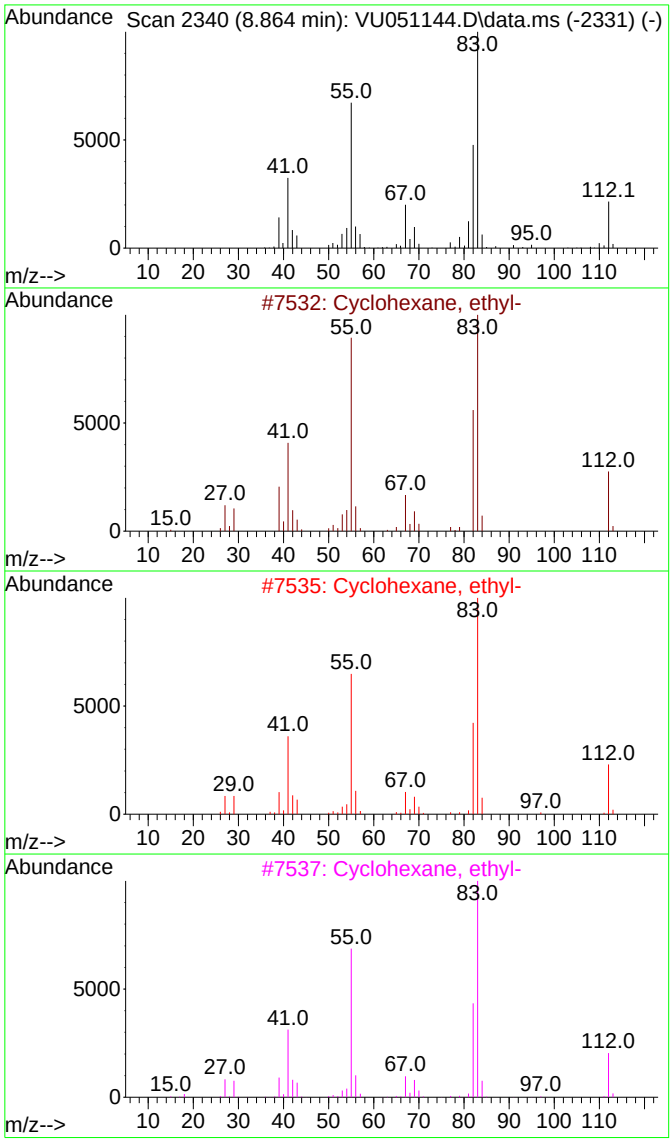
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

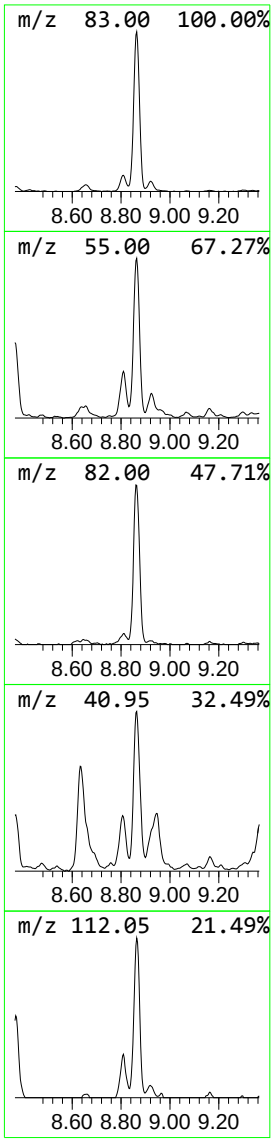
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic8.864 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.864	17.06 ug/L	417601	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	93
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	83
5	2-Hexene, 2,4-dimethyl-	112	C8H16	014255-23-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

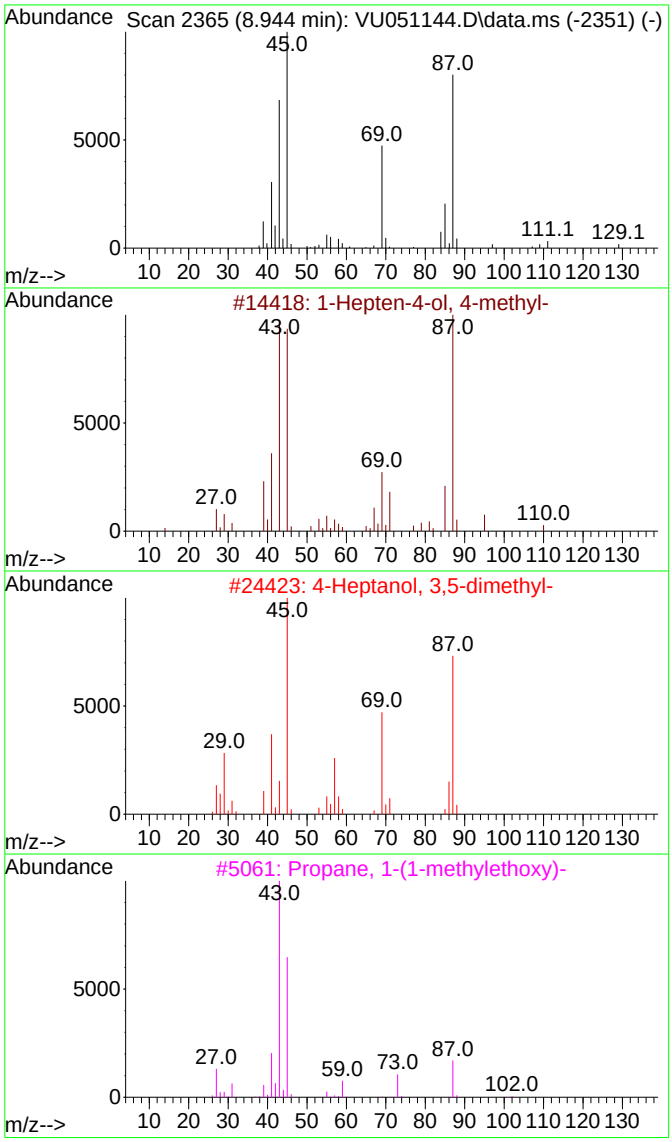
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

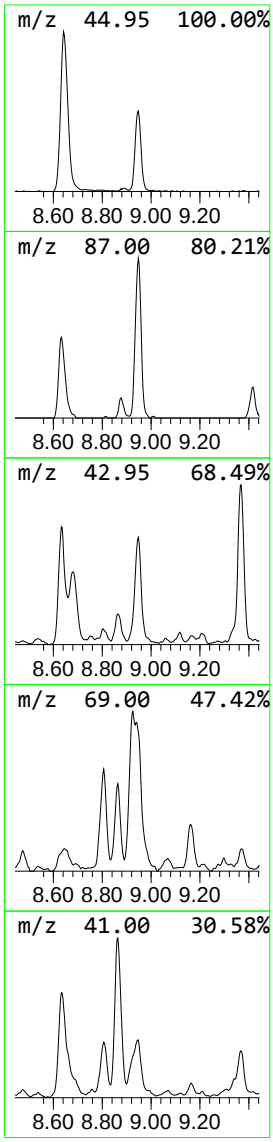
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1-Hepten-4-ol, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.944	11.19 ug/L	273949	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hepten-4-ol, 4-methyl-	128	C8H16O	001186-31-8	72
2	4-Heptanol, 3,5-dimethyl-	144	C9H20O	019549-79-2	64
3	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	64
4	Hydrazine, 1,1-dipropyl-	116	C6H16N2	004986-50-9	50
5	5-Methyl-1-hepten-4-ol	128	C8H16O	099328-46-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

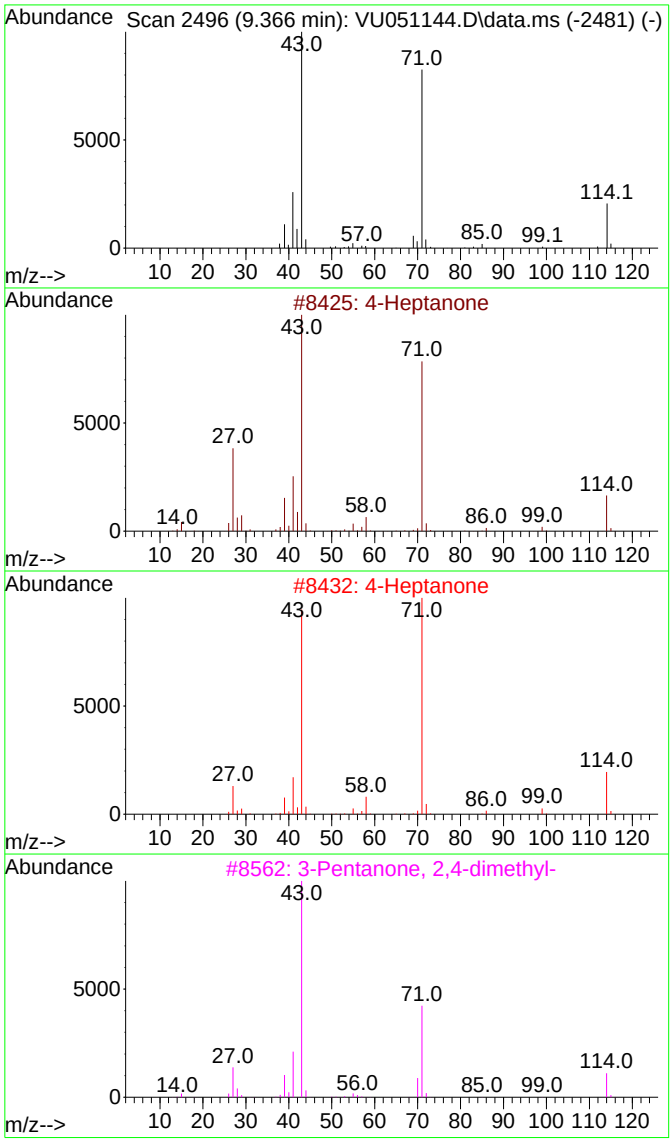
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

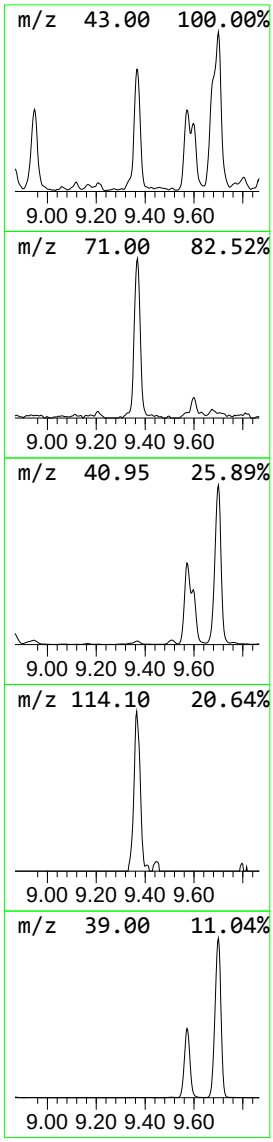
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 4-Heptanone Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.366	3.75 ug/L	91876	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone	114	C7H14O	000123-19-3	86
2	4-Heptanone	114	C7H14O	000123-19-3	86
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	78
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	78
5	4-Heptanone	114	C7H14O	000123-19-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

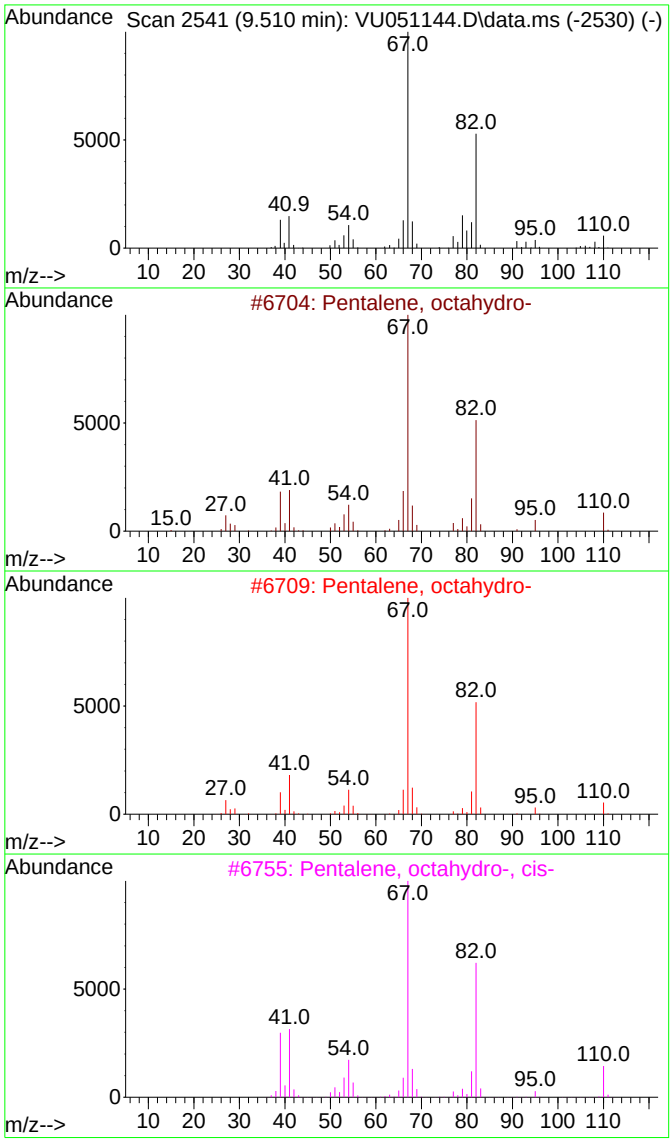
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

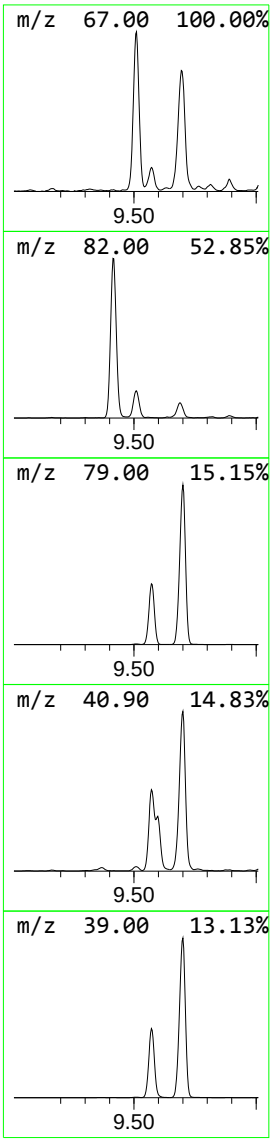
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Pentalene, octahydro- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	9.58 ug/L	234492	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-	110	C8H14	000694-72-4	91
2	Pentalene, octahydro-	110	C8H14	000694-72-4	90
3	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	90
4	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	87
5	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

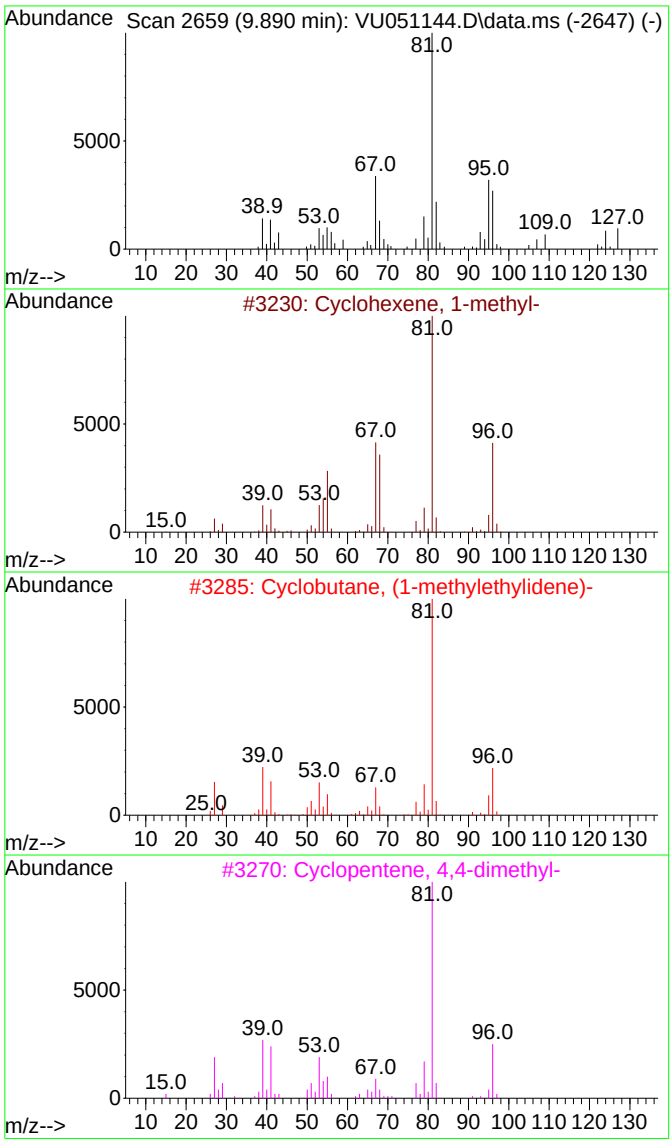
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

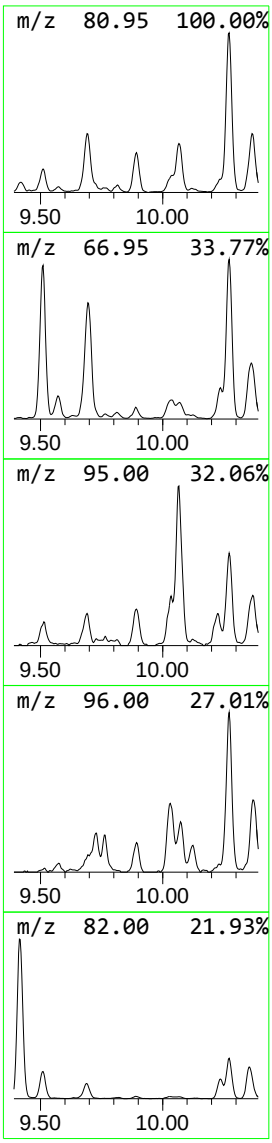
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Cyclohexene, 1-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.890	4.22 ug/L	103372	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	58
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	50
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	47
4	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	47
5	trans-4-Methylcyclohexanol, trif...	210	C9H13F3O2	1000364-13-8	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

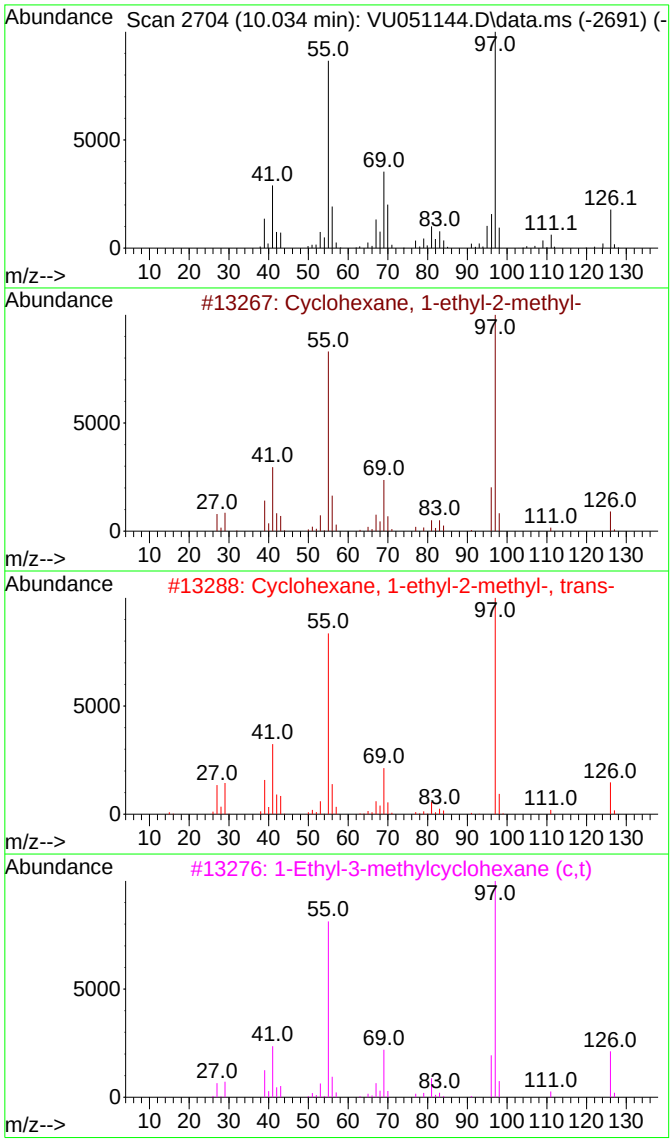
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

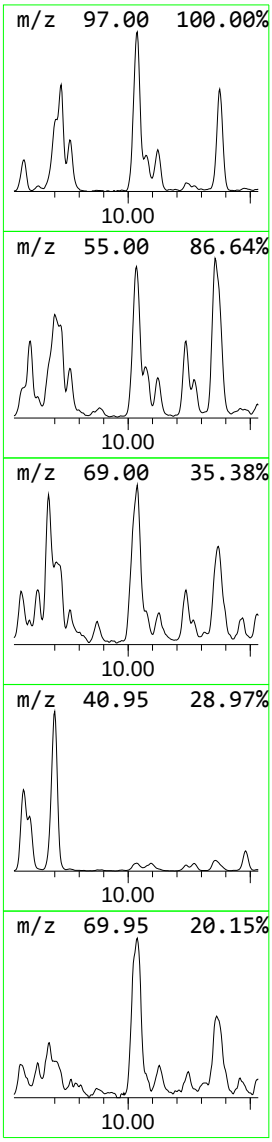
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic10.034 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.034	17.80 ug/L	435587	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	68
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	64
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	62
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	62
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

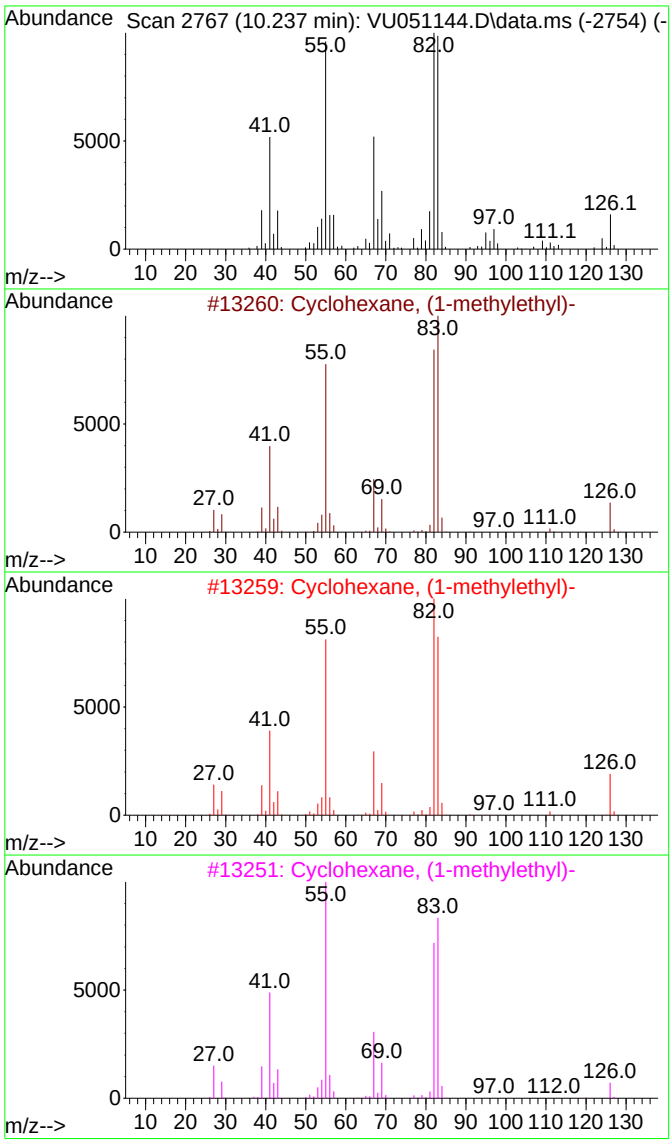
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

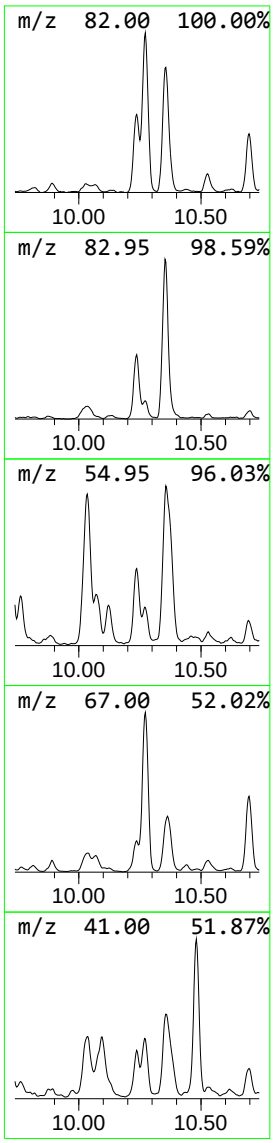
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Cyclic10.237 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.237	8.64 ug/L	211576	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	74
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	74
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	72
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	64





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Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

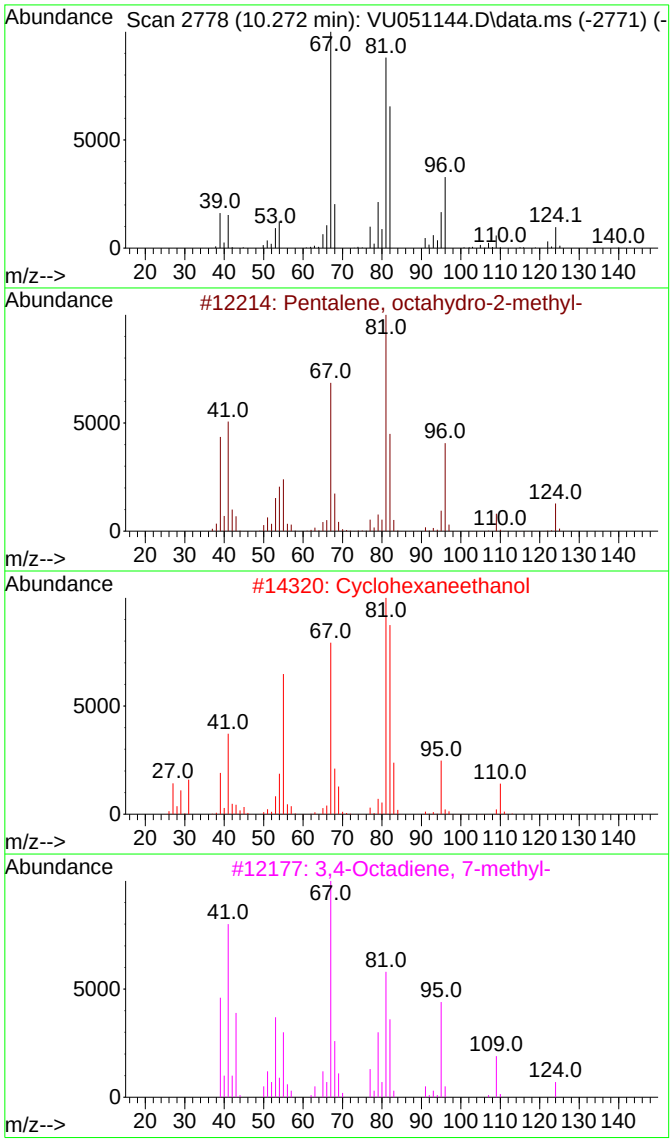
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

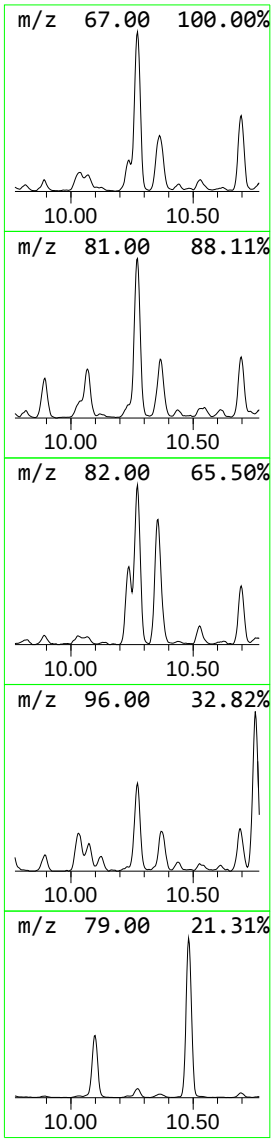
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Pentalene, octahydro-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.272	18.46 ug/L	451889	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	52
2	Cyclohexaneethanol	128	C8H16O	004442-79-9	50
3	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	49
4	3,3-Tetramethyleneglutaric anhyd...	168	C9H12O3	005662-95-3	47
5	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

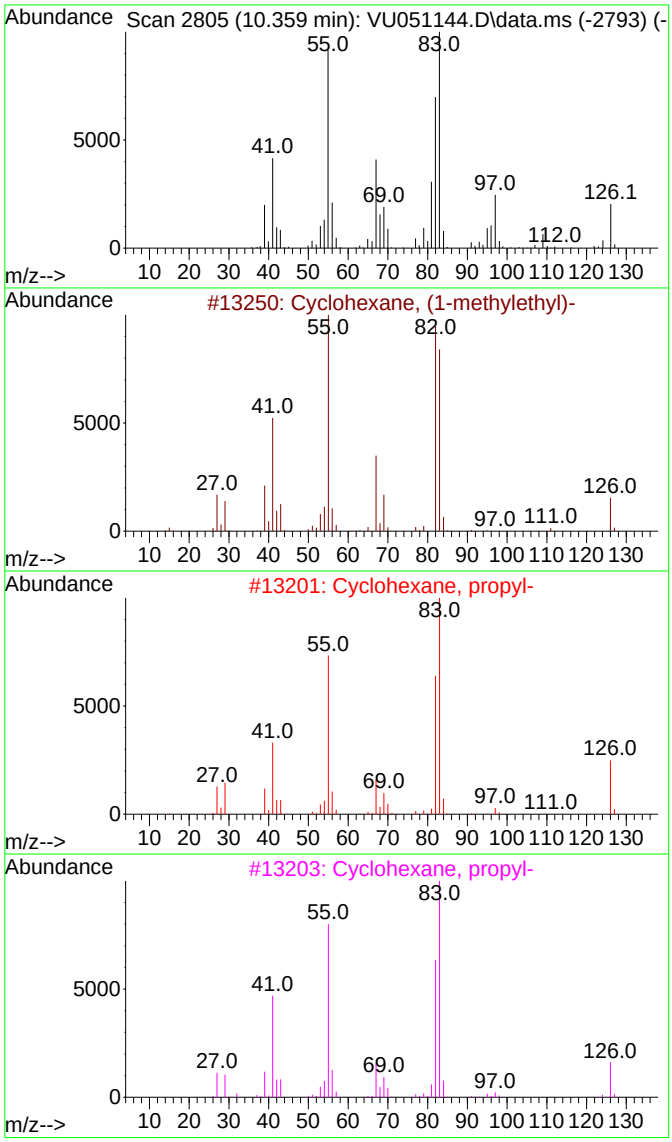
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

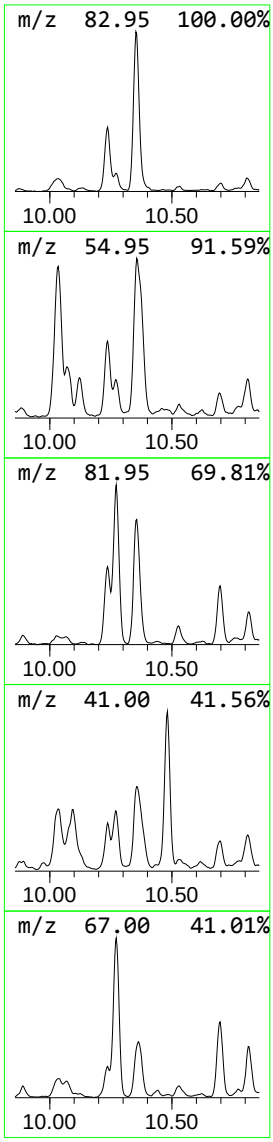
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Cyclic10.359 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.359	25.52 ug/L	624720	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	58
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
4	Succinic acid, tridec-2-yn-1-yl ...	378	C23H38O4	1000391-12-6	53
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

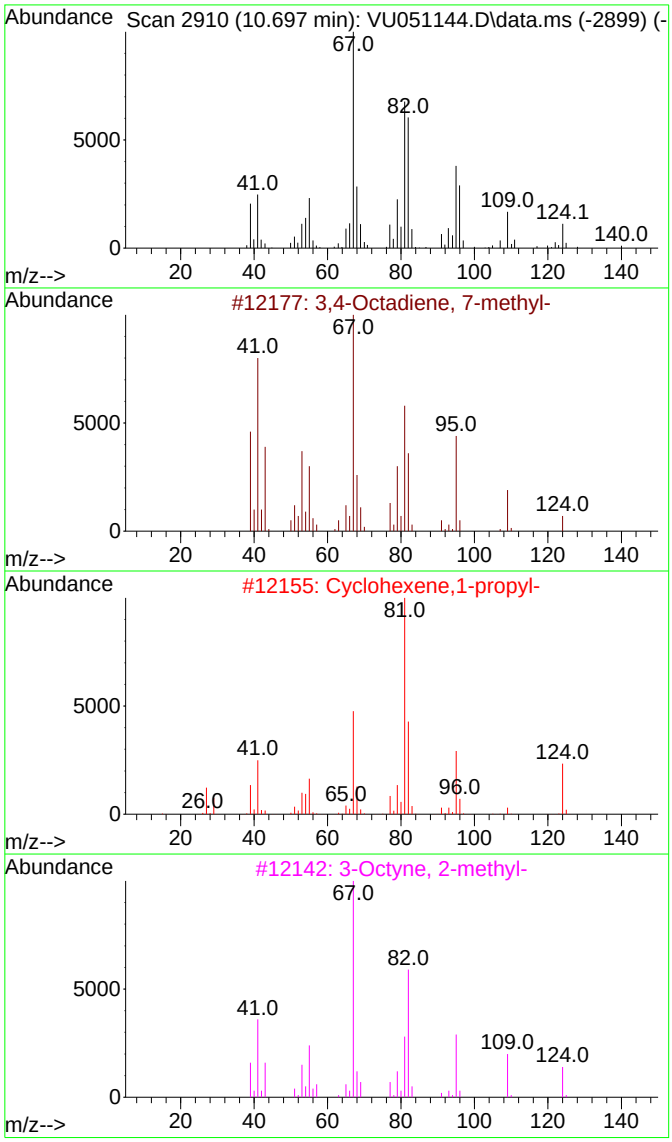
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

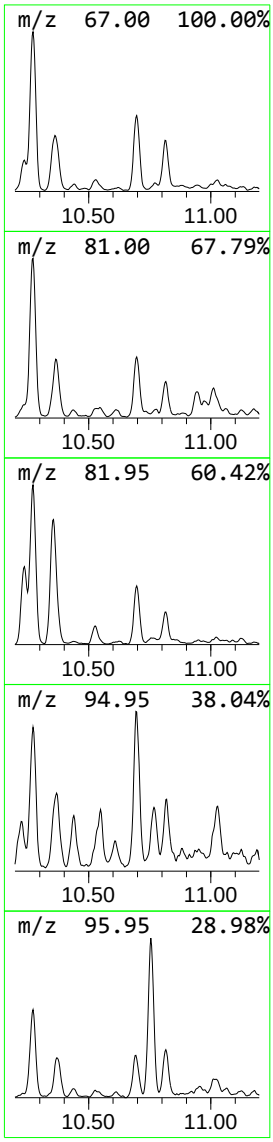
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 3,4-Octadiene, 7-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.697	3.08 ug/L	243358	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	87
2	Cyclohexene,1-propyl-	124	C9H16	002539-75-5	72
3	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	64
4	1-Tridecyne	180	C13H24	026186-02-7	64
5	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

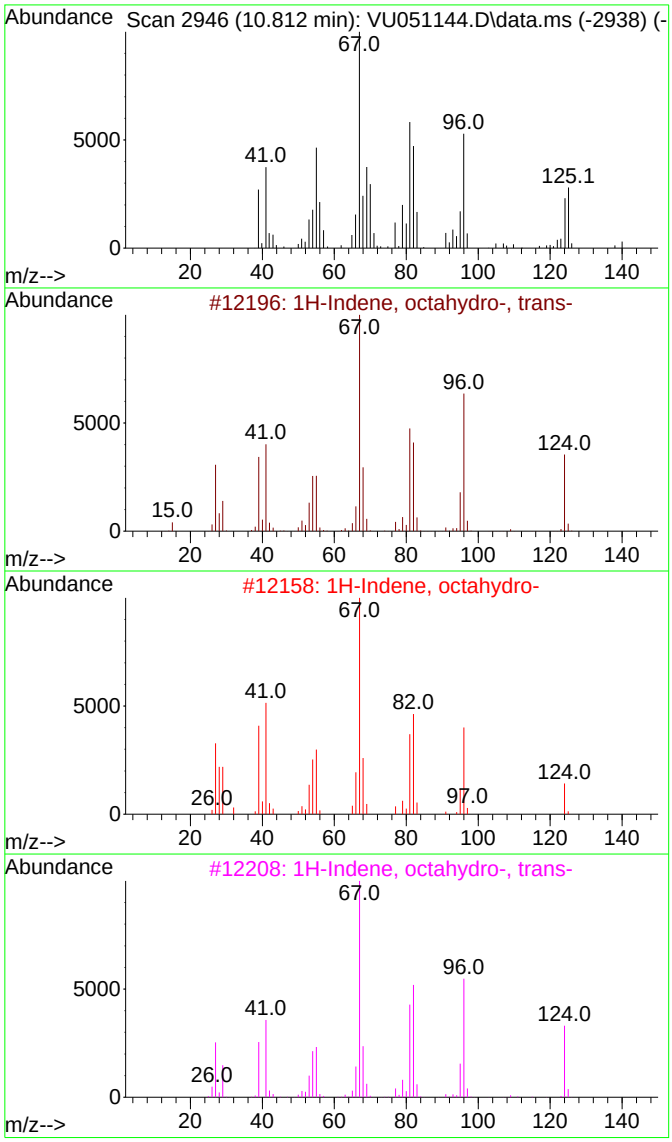
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

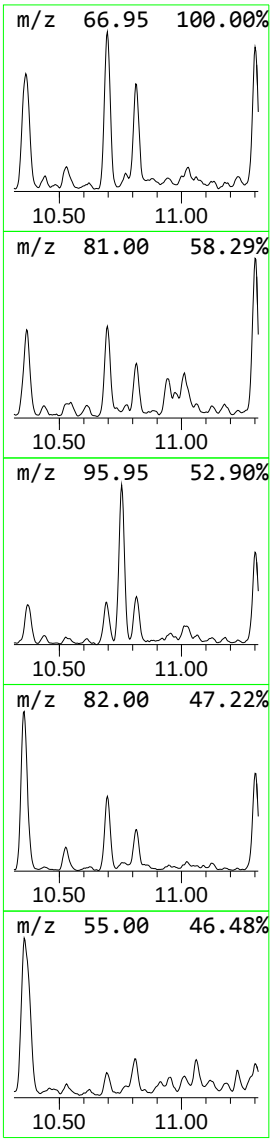
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1H-Indene, octahydro-, trans- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.813	2.80 ug/L	221467	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	76
2	1H-Indene, octahydro-	124	C9H16	000496-10-6	76
3	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	76
4	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	70
5	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

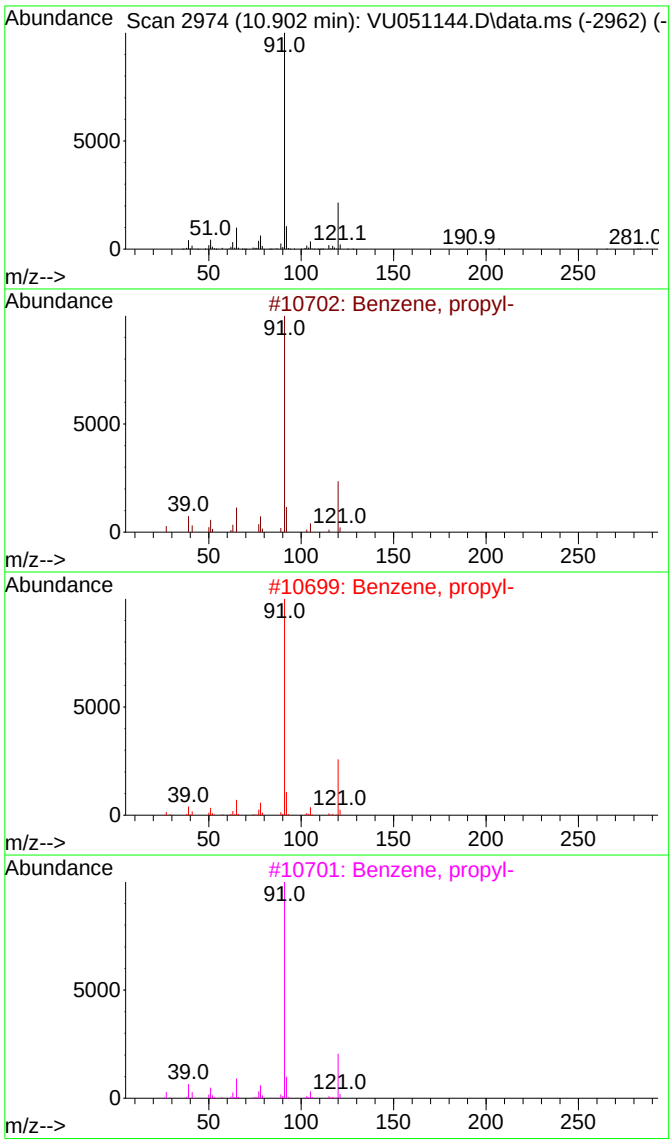
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

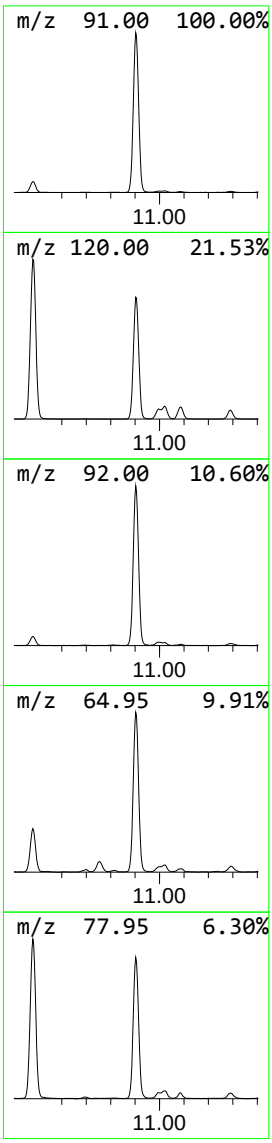
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.903	51.80 ug/L	4092610	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	90
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	N-Butylbenzylamine	163	C11H17N	002403-22-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

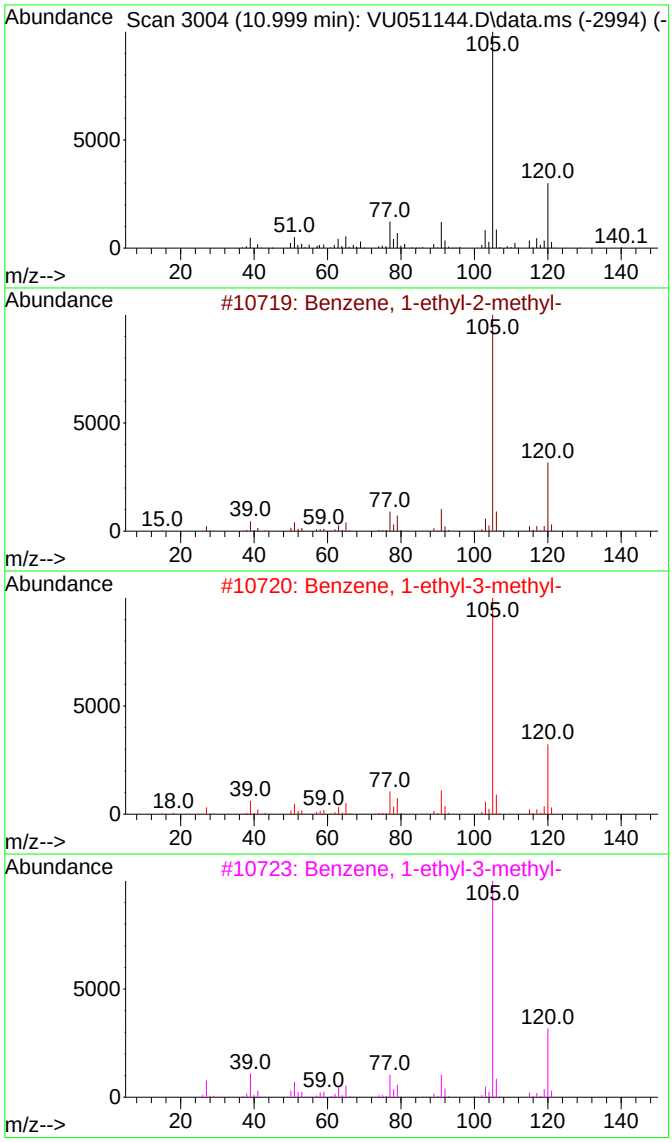
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

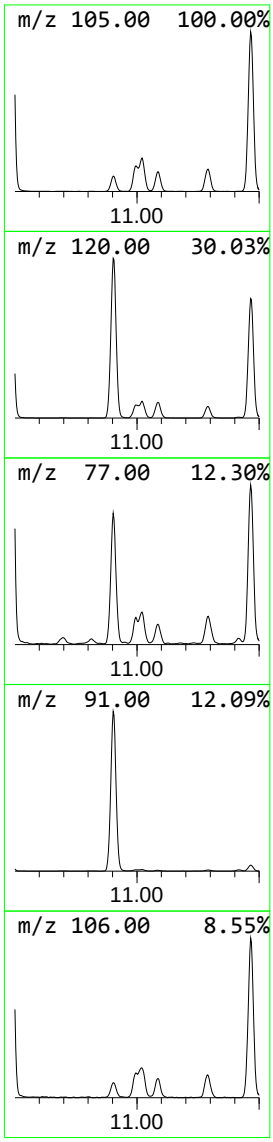
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 1-ethyl-2-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	2.96 ug/L	233713	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	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

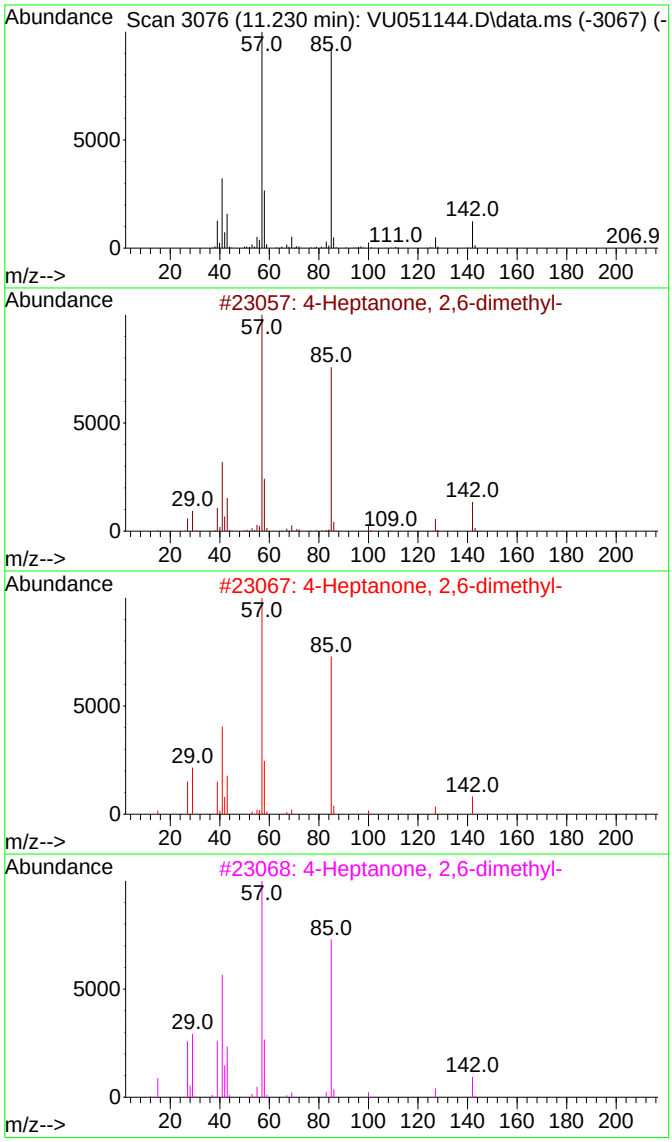
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

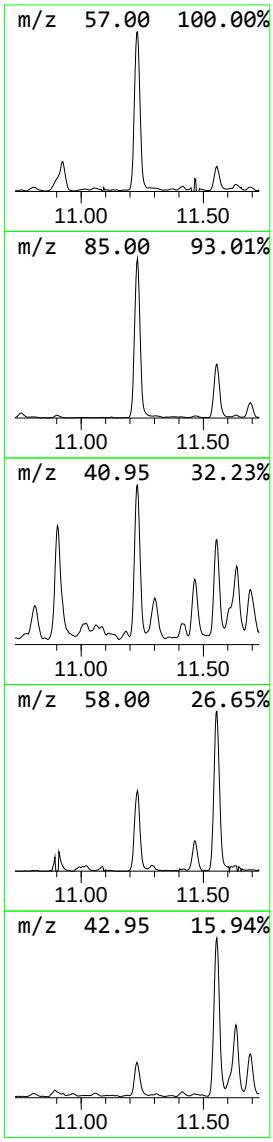
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 4-Heptanone, 2,6-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.230	6.47 ug/L	510874	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
3	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
4	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
5	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

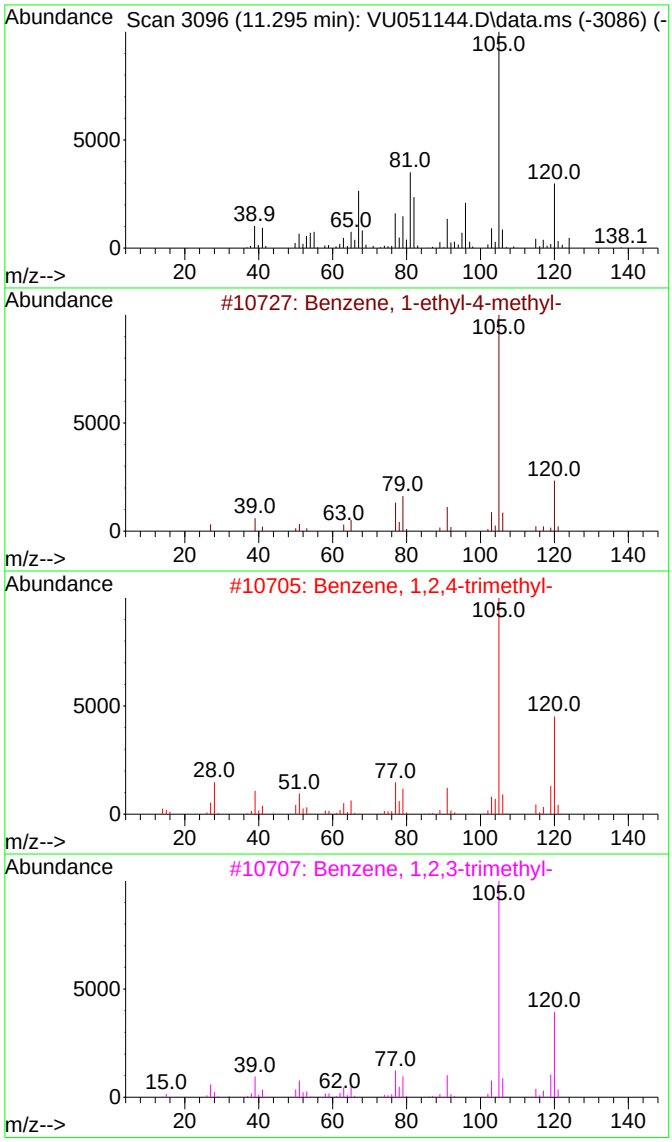
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

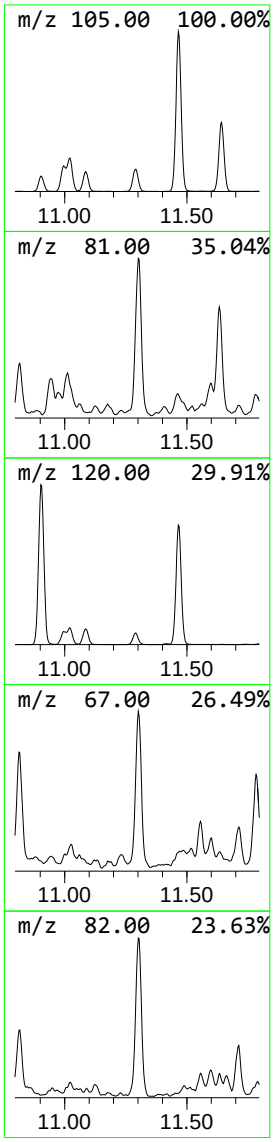
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1-ethyl-4-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.295	7.16 ug/L	565664	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	86
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	46
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	46
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

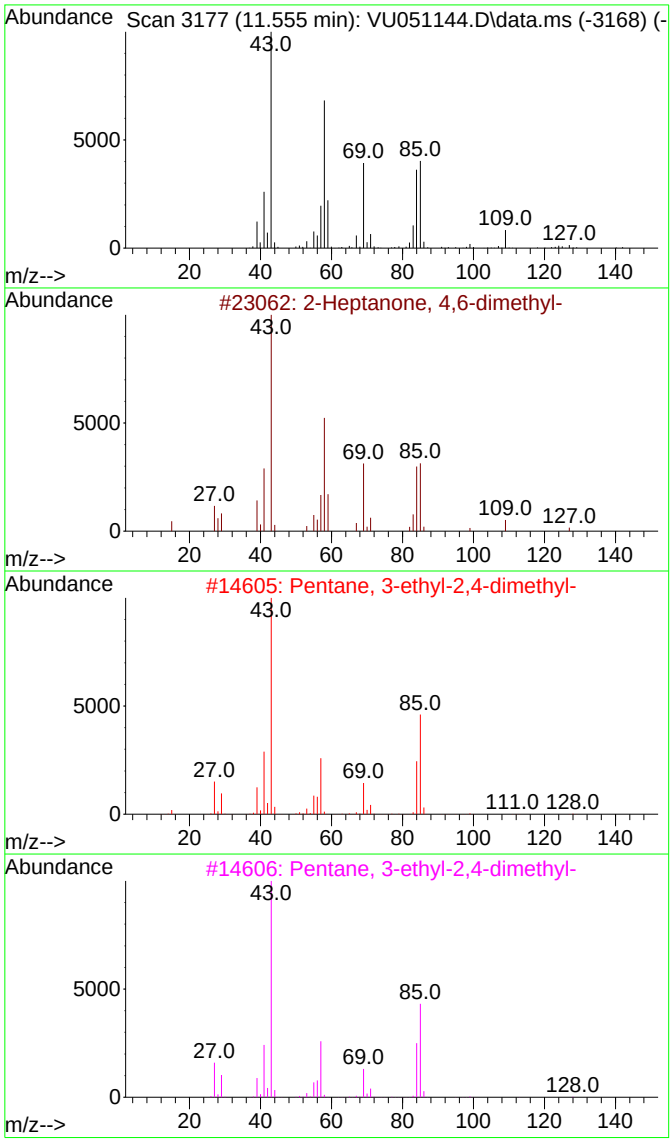
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

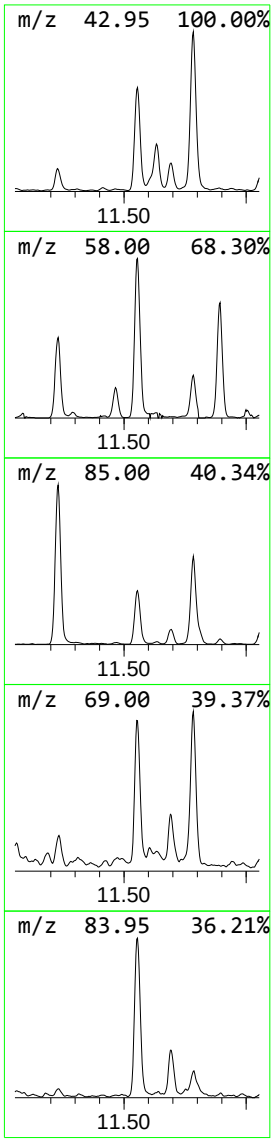
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 2-Heptanone, 4,6-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.555	6.23 ug/L	492272	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	90
2	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	38
3	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	38
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	38
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

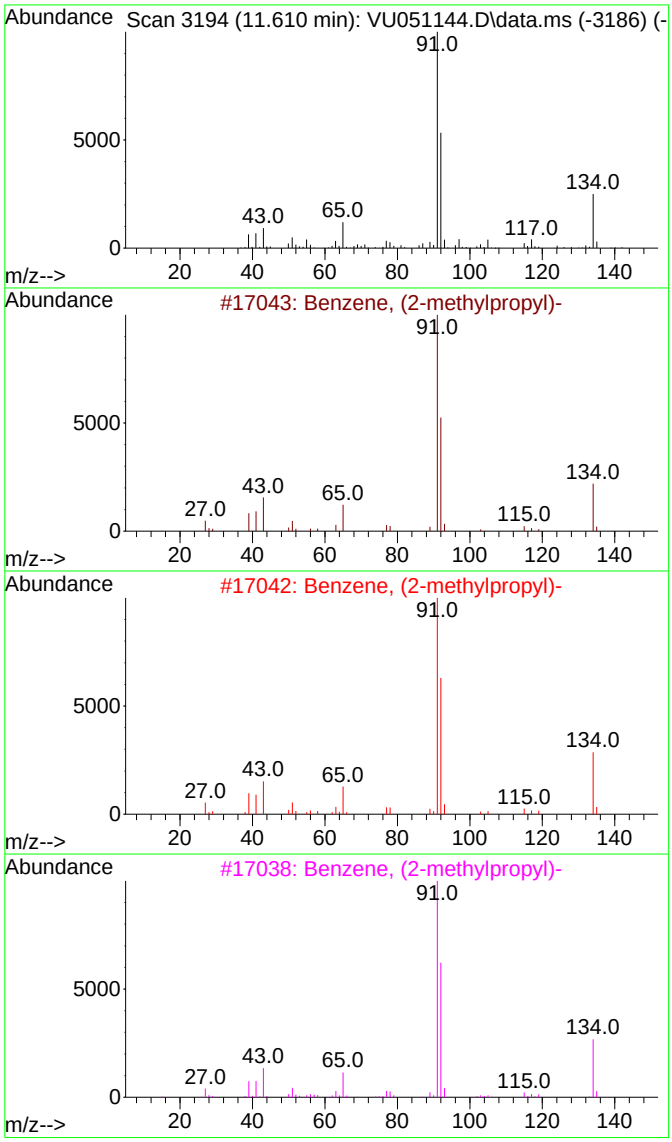
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

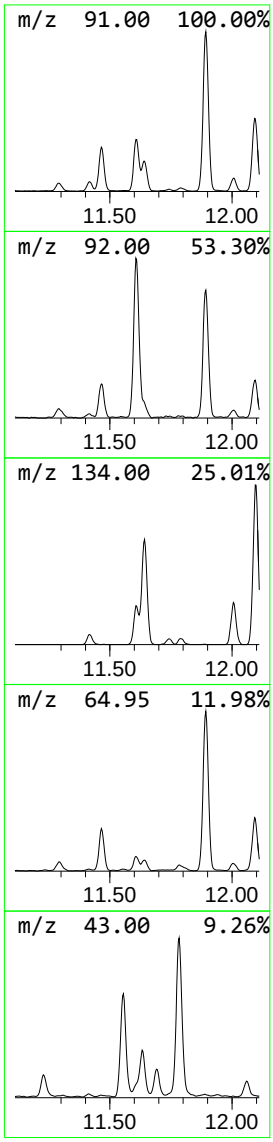
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzene, (2-methylpropyl)- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	3.28 ug/L	259351	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	83
5	Benzene, n-butyl-	134	C10H14	000104-51-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

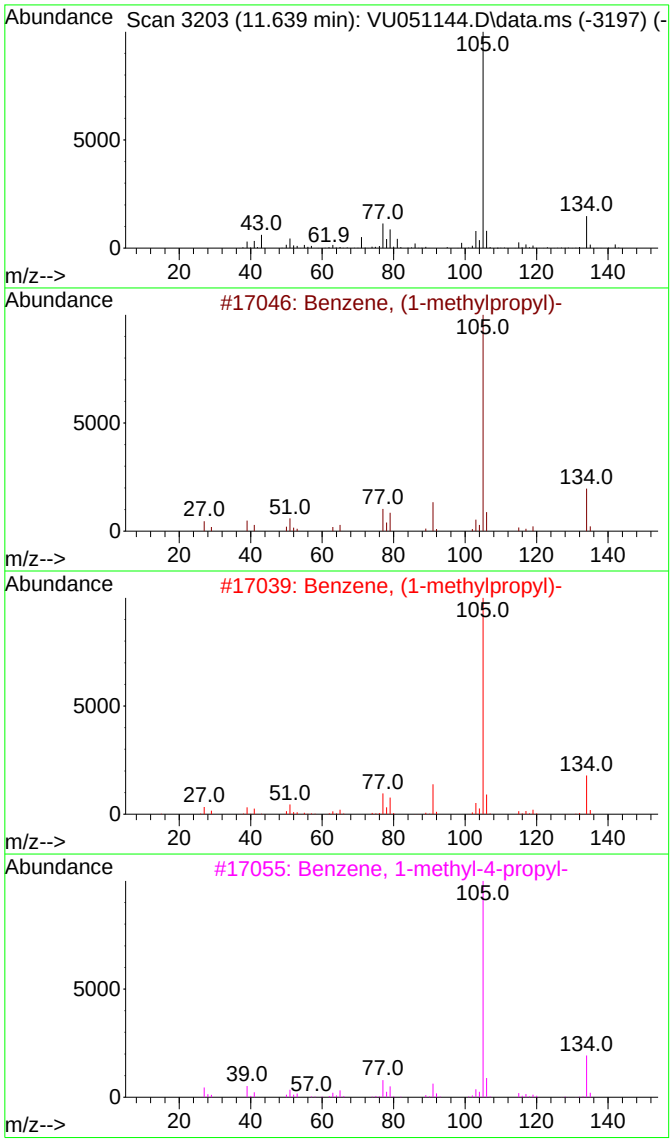
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

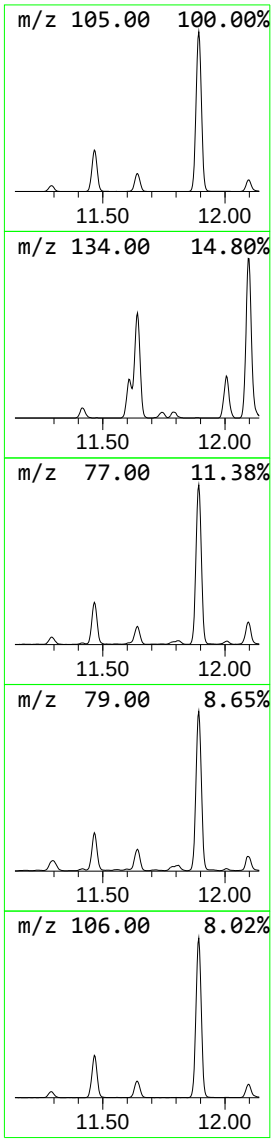
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, (1-methylpropyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.639	11.41 ug/L	901372	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	83
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

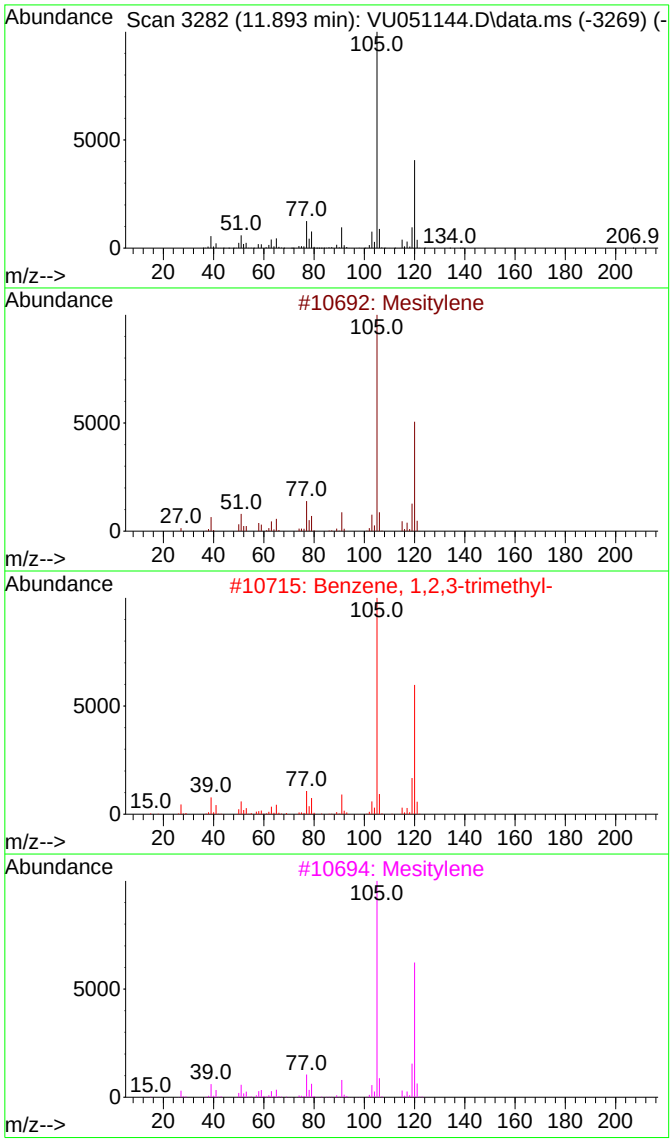
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

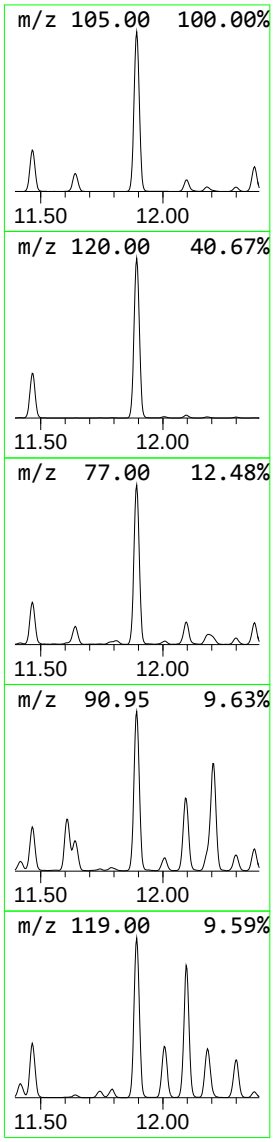
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.893	96.99 ug/L	7664020	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

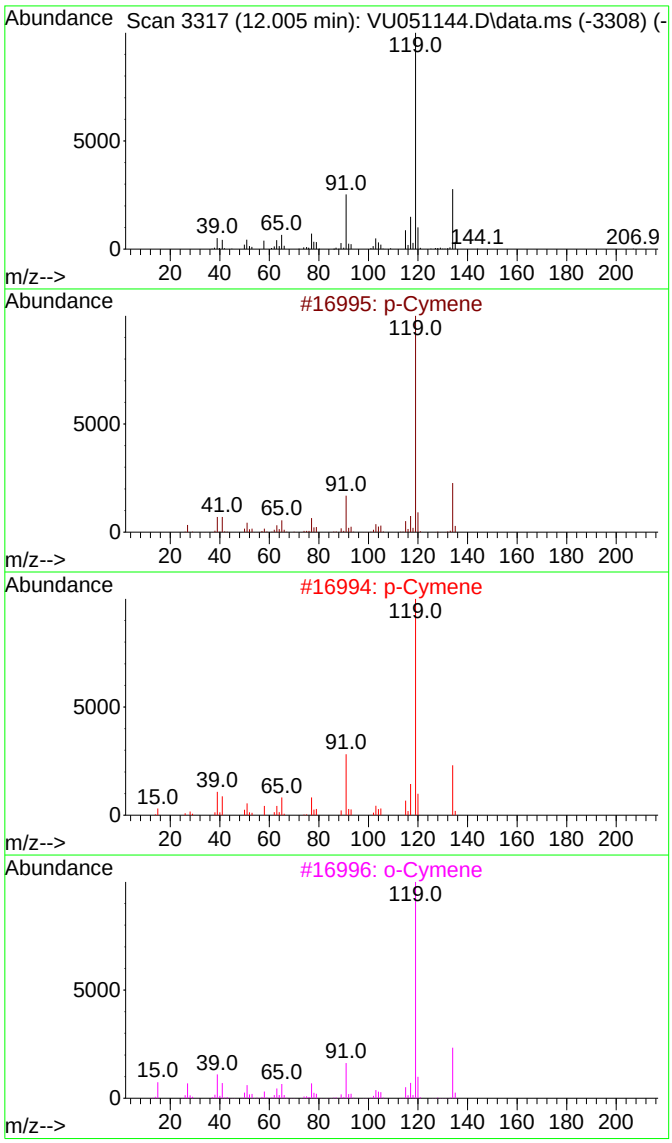
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

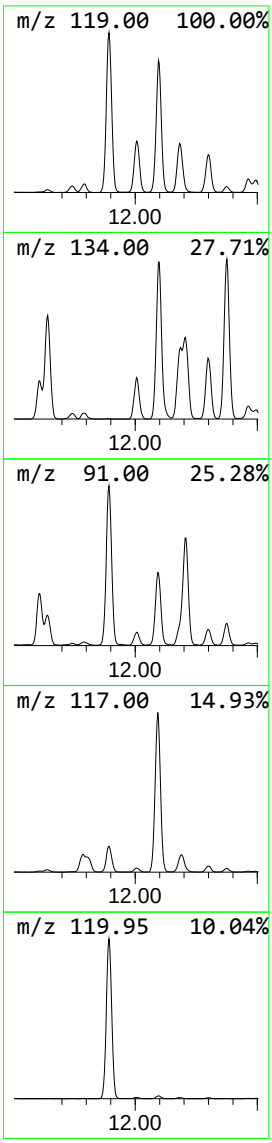
****

Peak Number 39 p-Cymene Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.005	2.85 ug/L	225434	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	97
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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

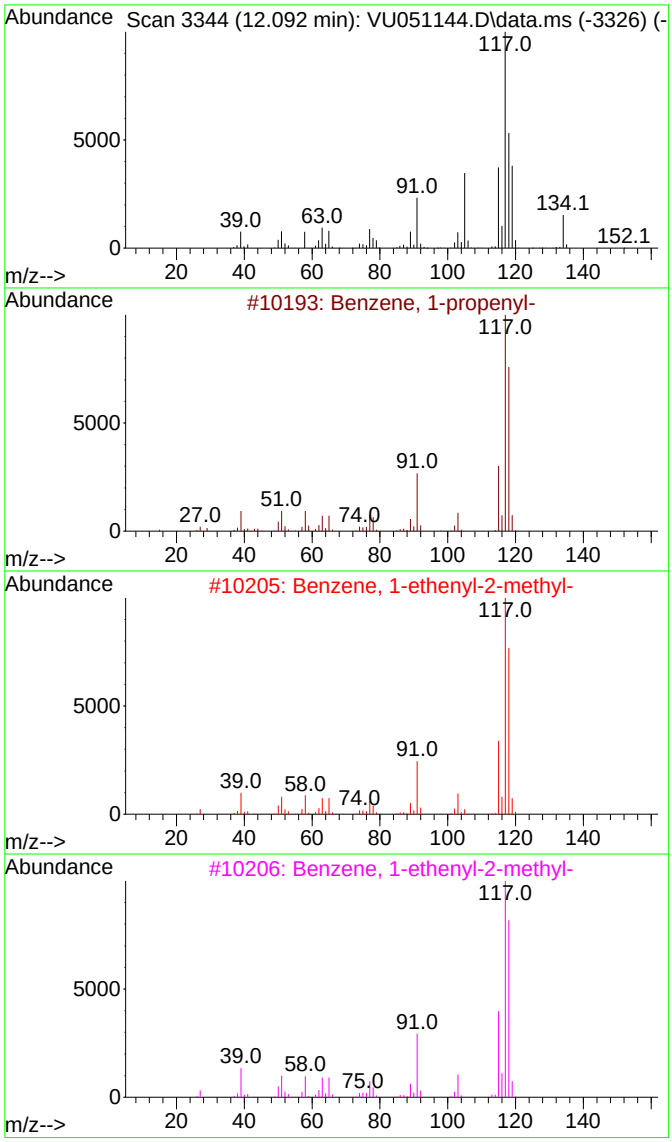
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

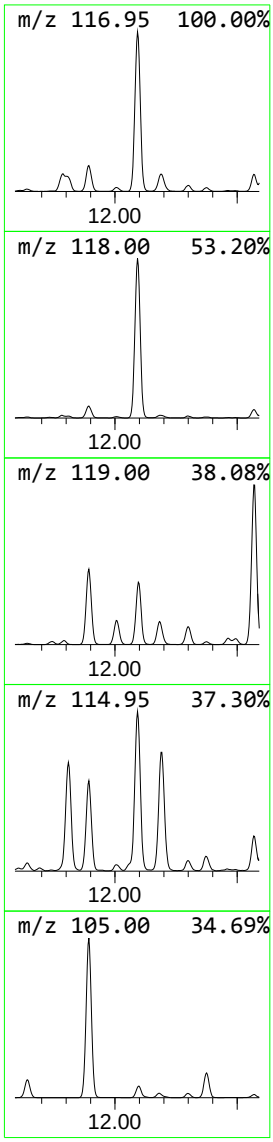
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, 1-propenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	34.54 ug/L	2729020	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

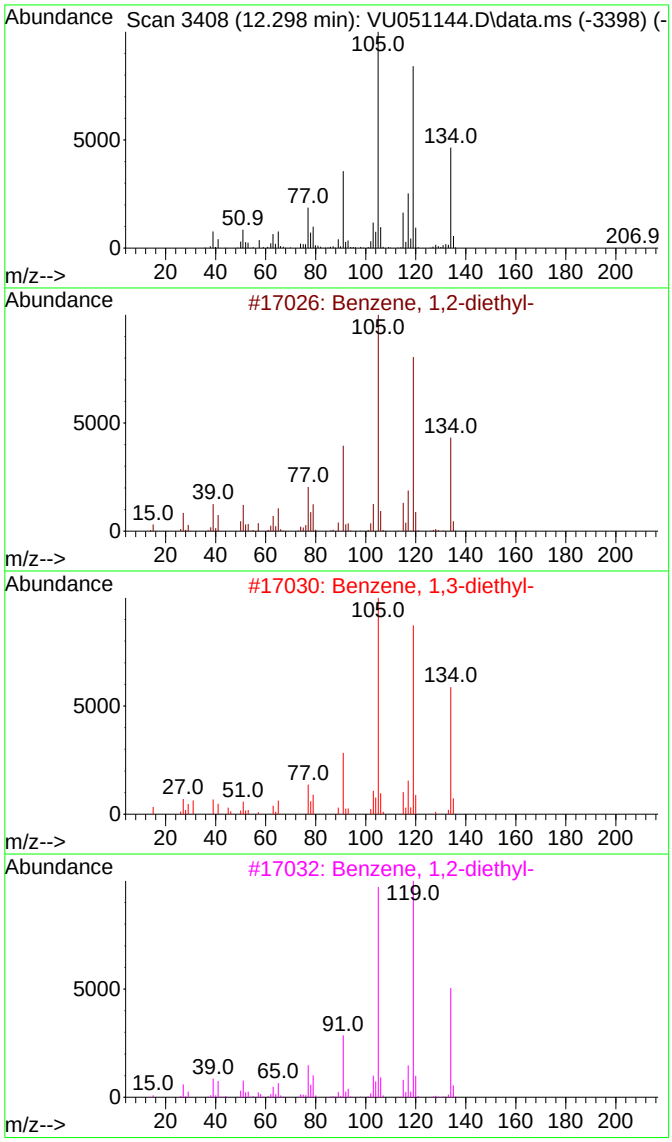
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

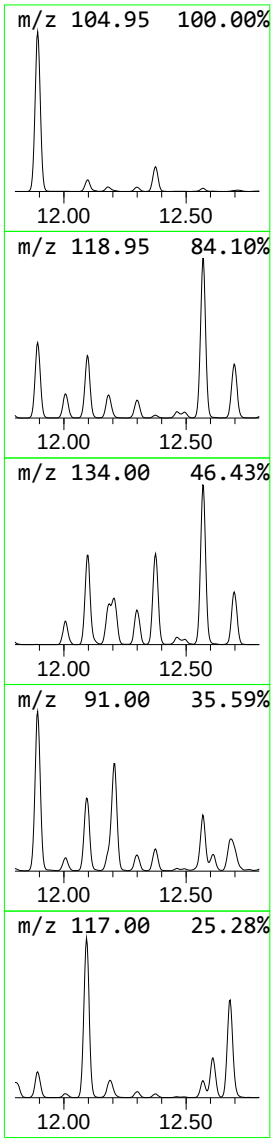
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzene, 1,2-diethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.298	4.82 ug/L	381157	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

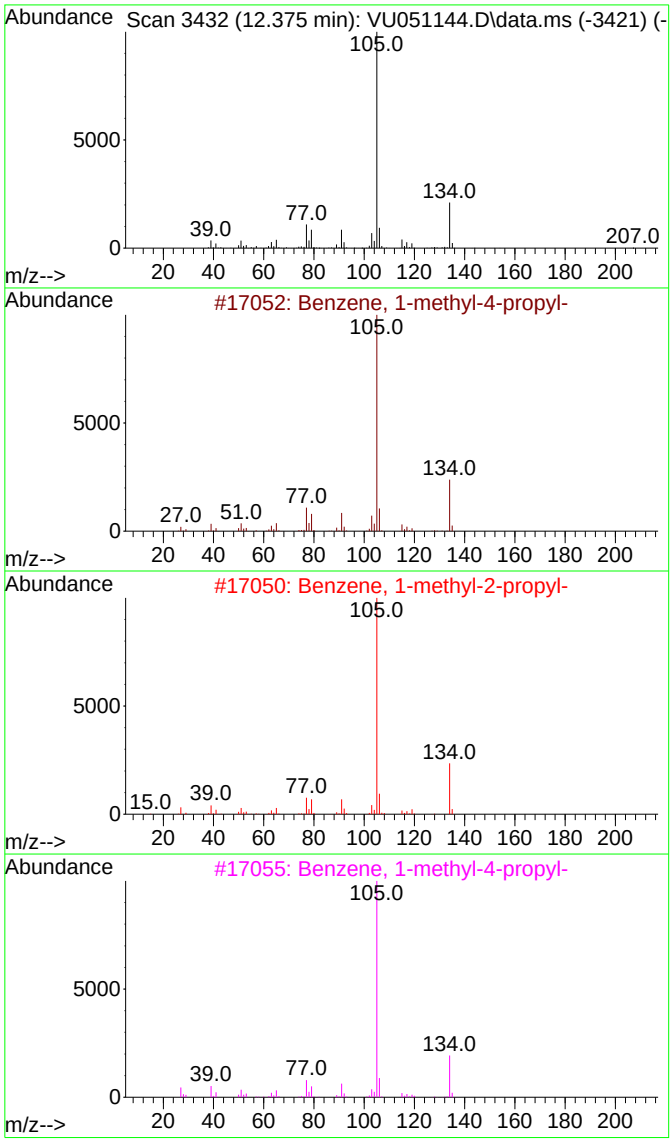
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

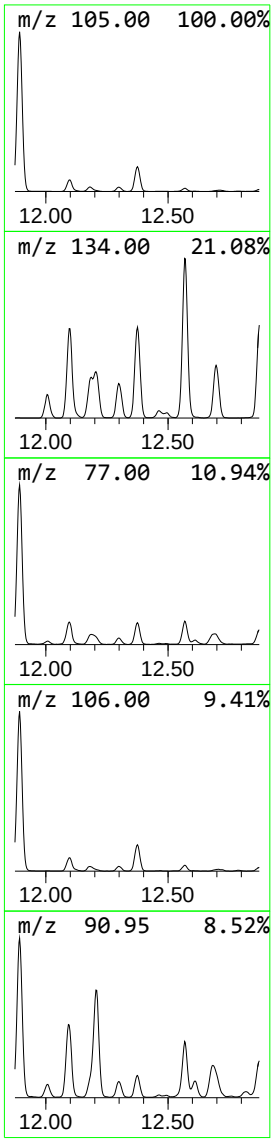
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.375	12.74 ug/L	1006780	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

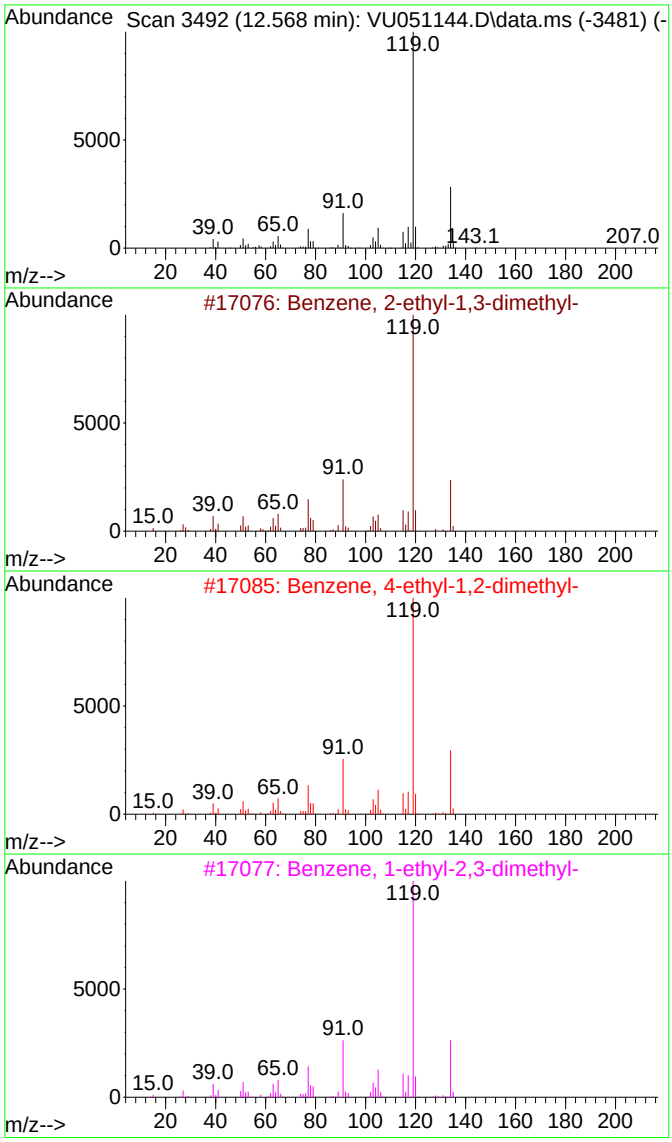
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

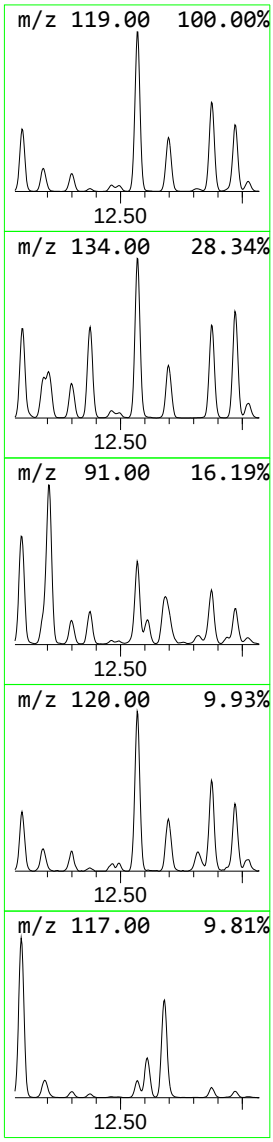
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.568	19.36 ug/L	1529840	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

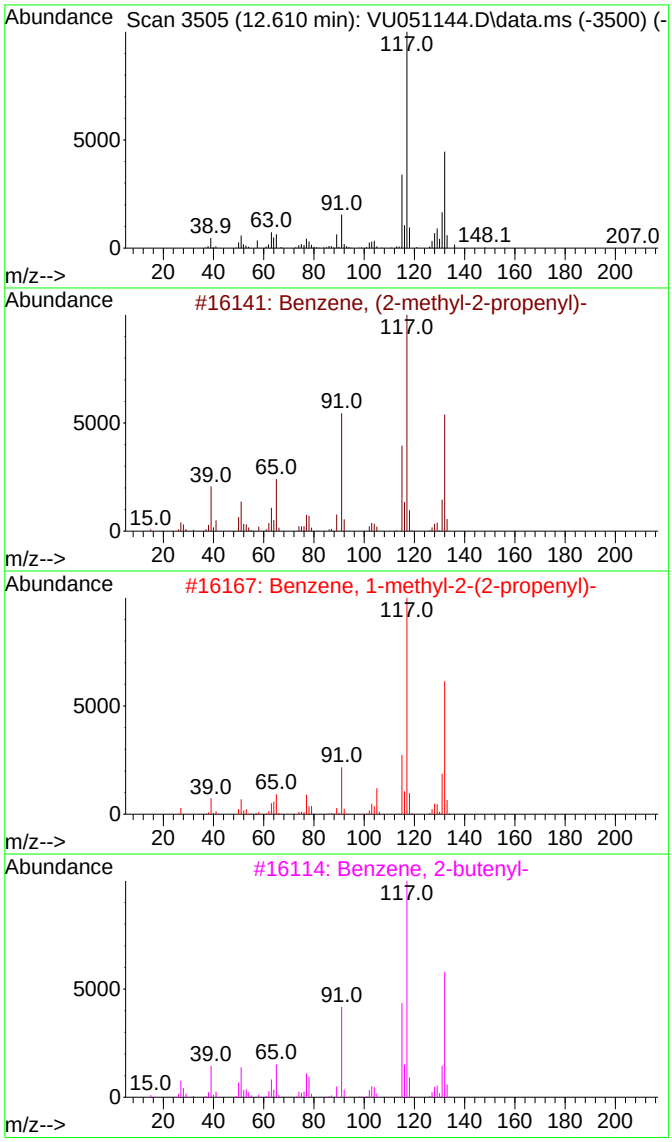
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

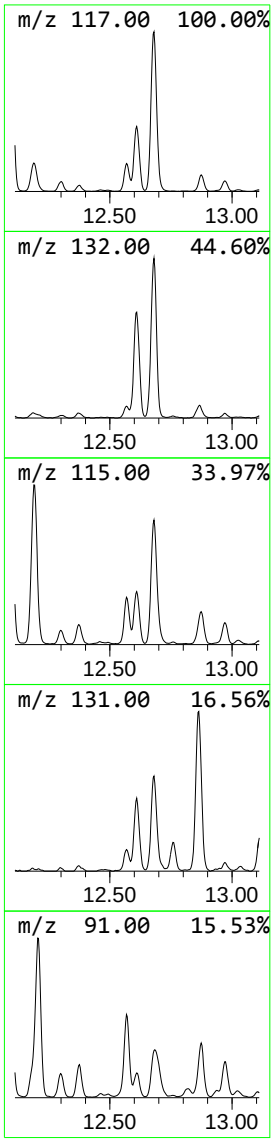
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzene, (2-methyl-2-propen... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	6.13 ug/L	484145	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	93
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

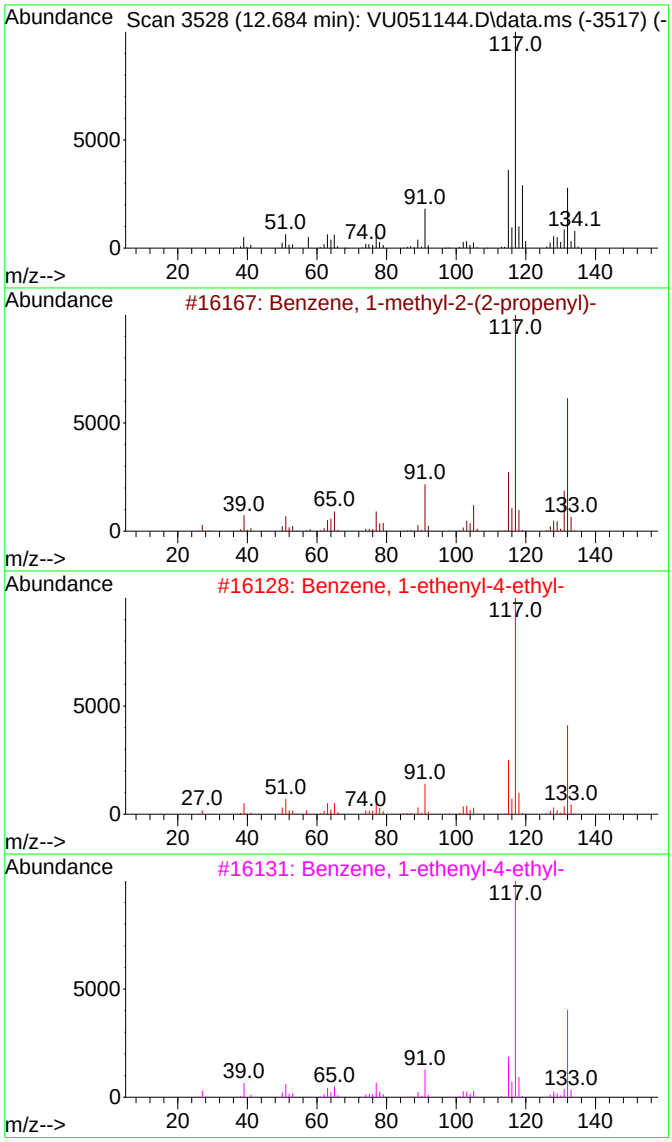
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

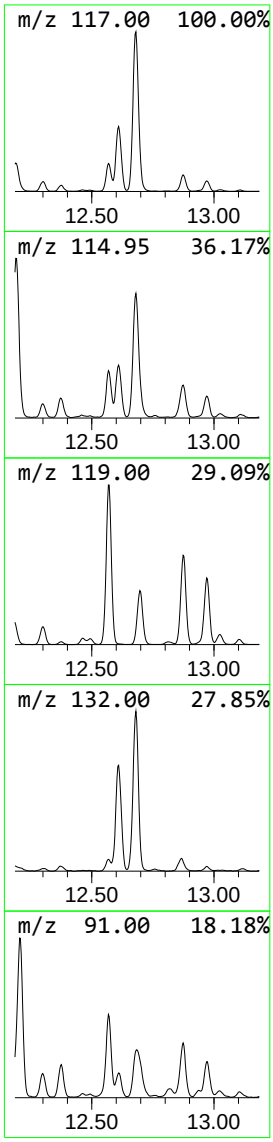
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, 1-methyl-2-(2-prop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.684	19.46 ug/L	1537680	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4	Indan, 1-methyl-	132	C10H12	000767-58-8	76
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

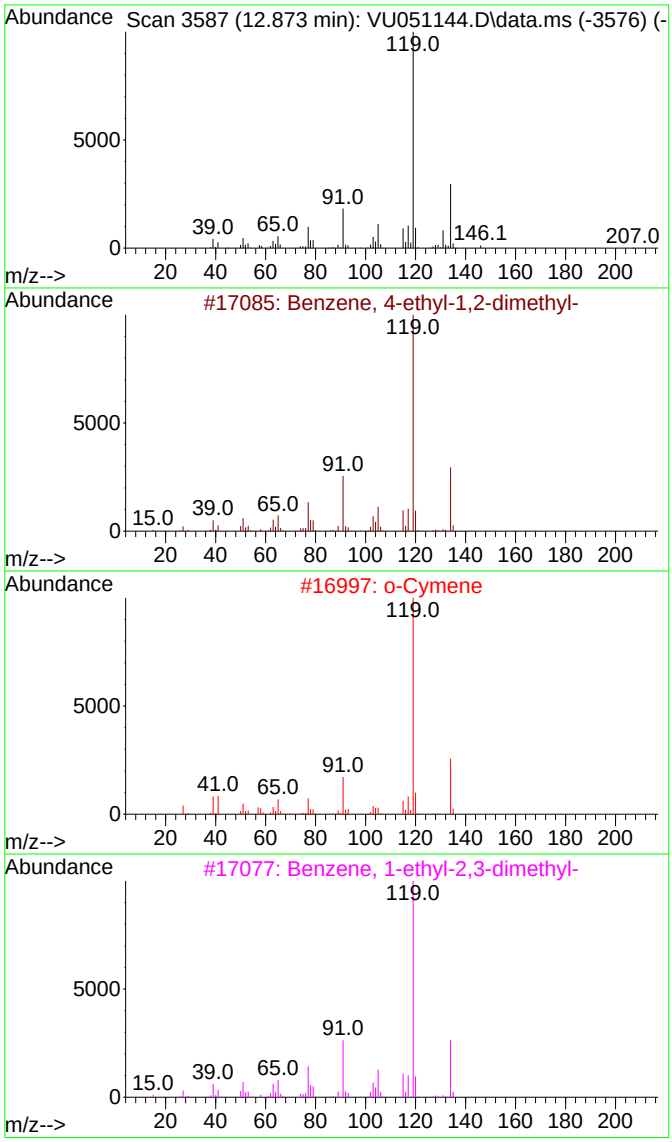
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

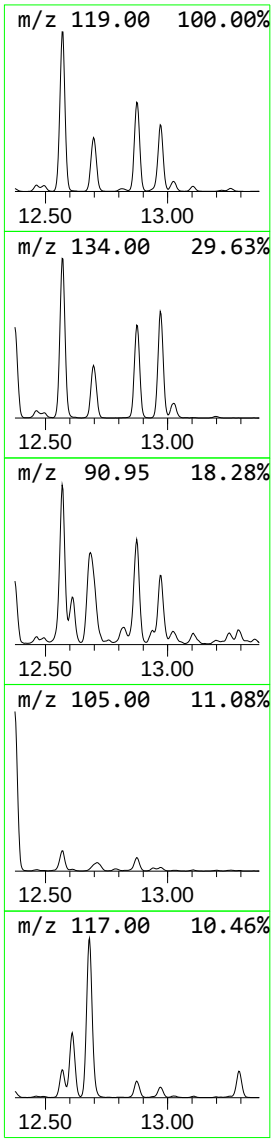
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.874	12.97 ug/L	1024900	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	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

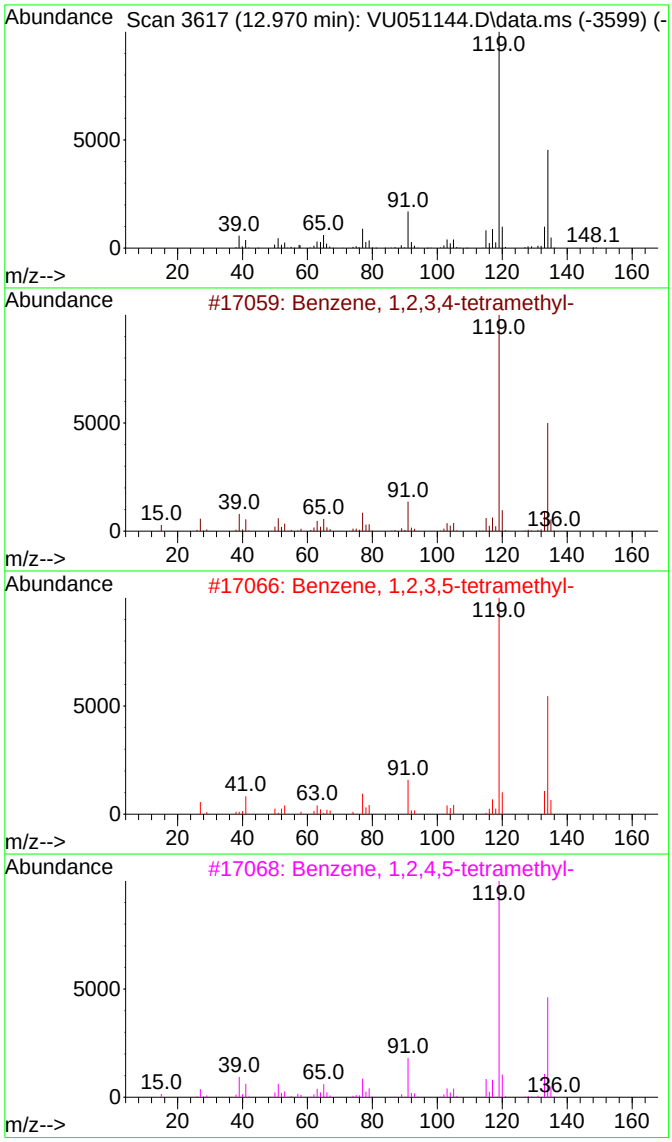
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

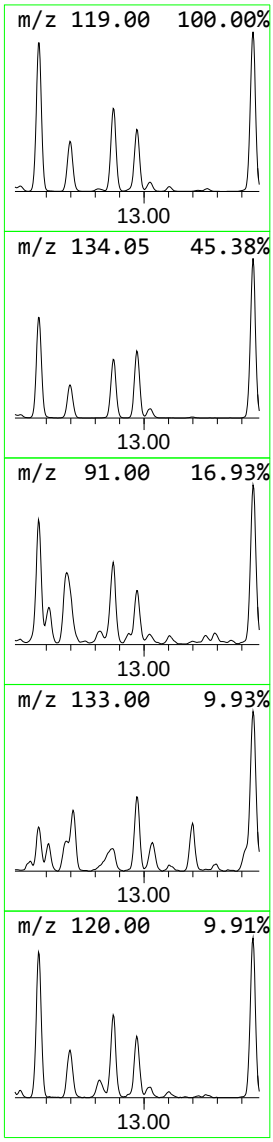
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.970	9.81 ug/L	775420	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	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

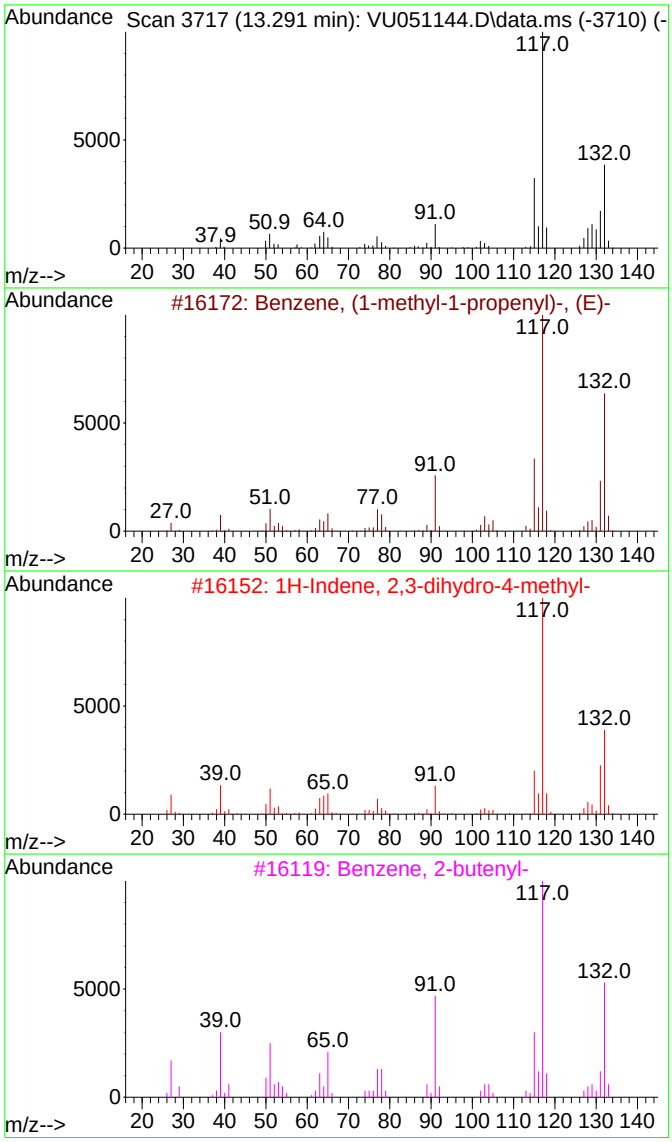
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

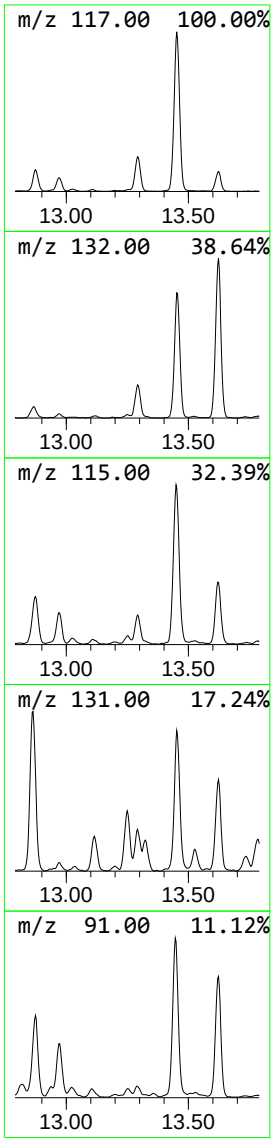
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Benzene, (1-methyl-1-propen... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.291	3.11 ug/L	246062	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	74
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	72
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	72
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

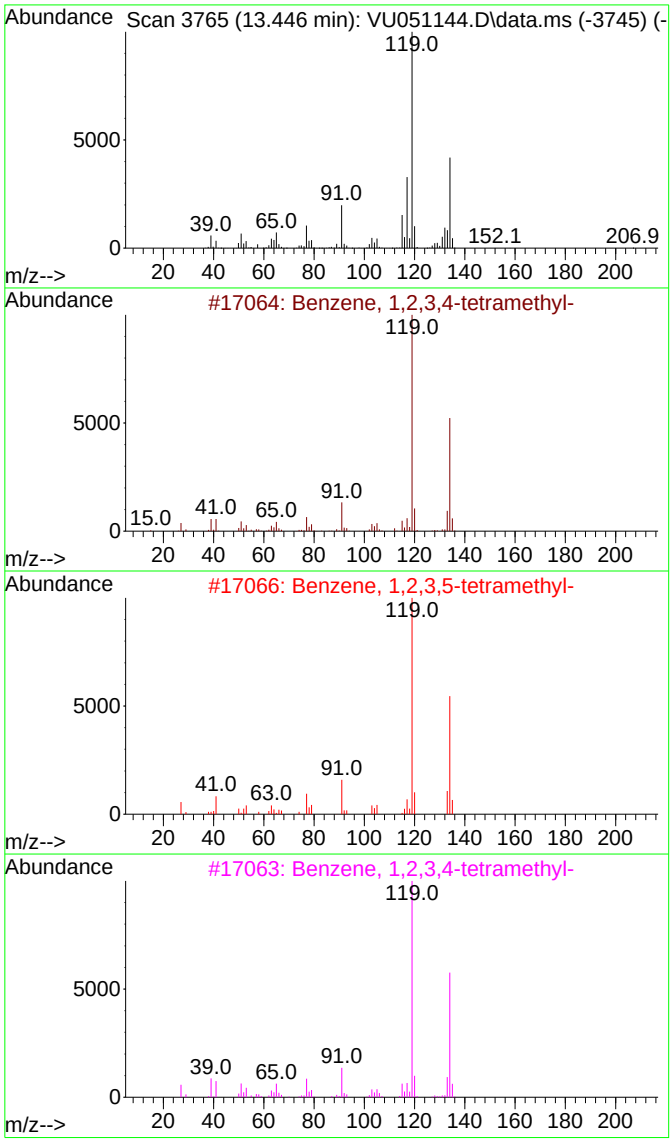
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

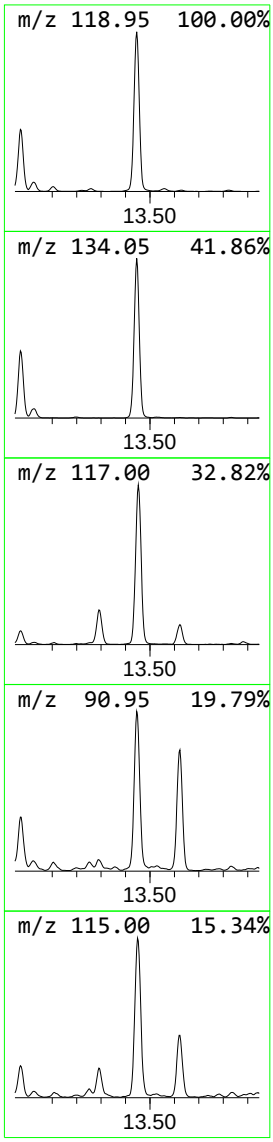
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.446	31.04 ug/L	2452600	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	81
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

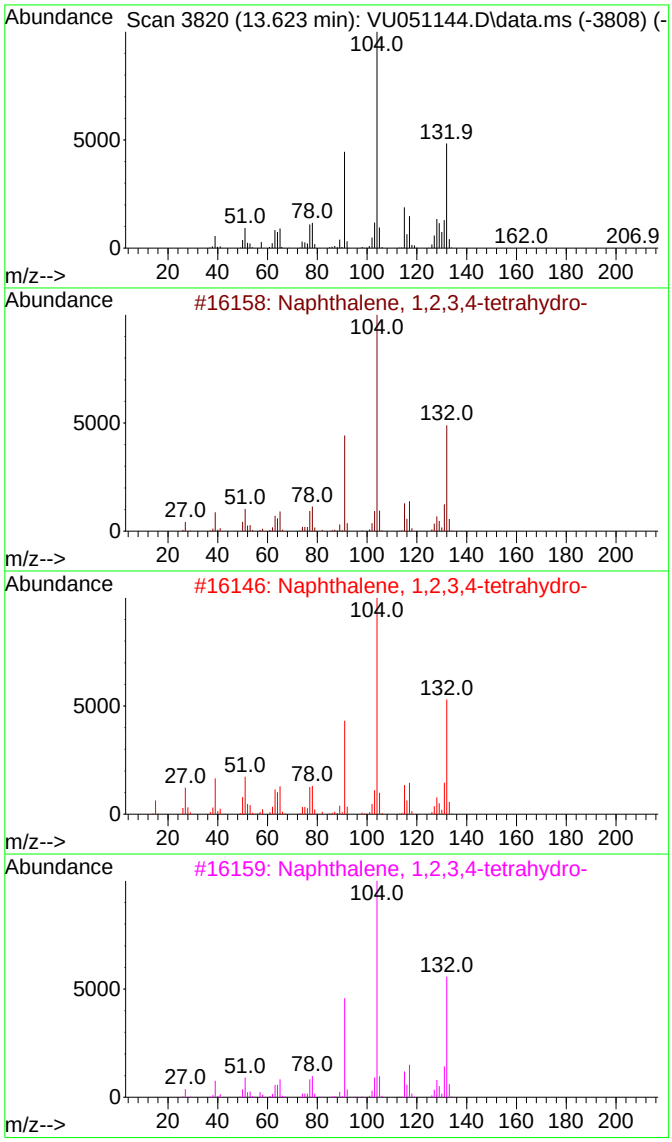
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

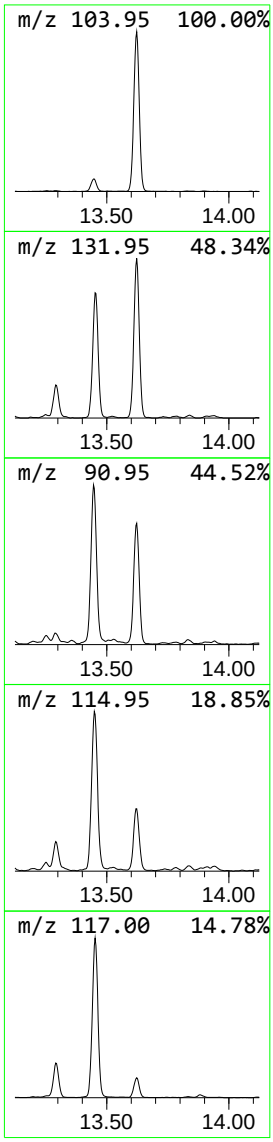
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	11.90 ug/L	940291	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	95
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

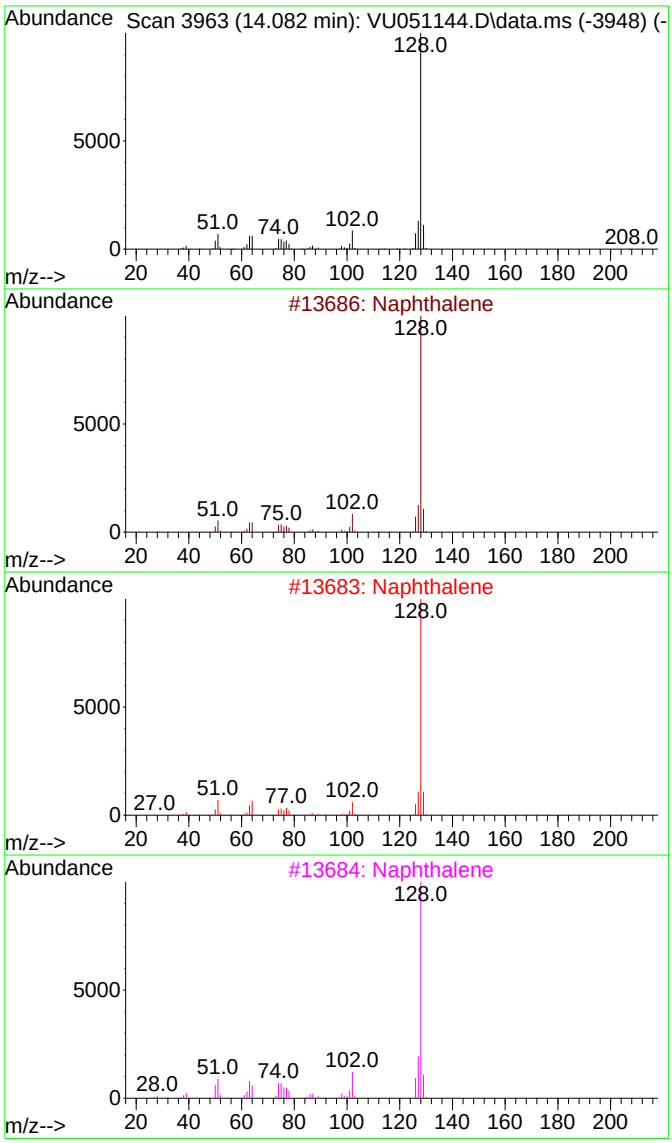
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

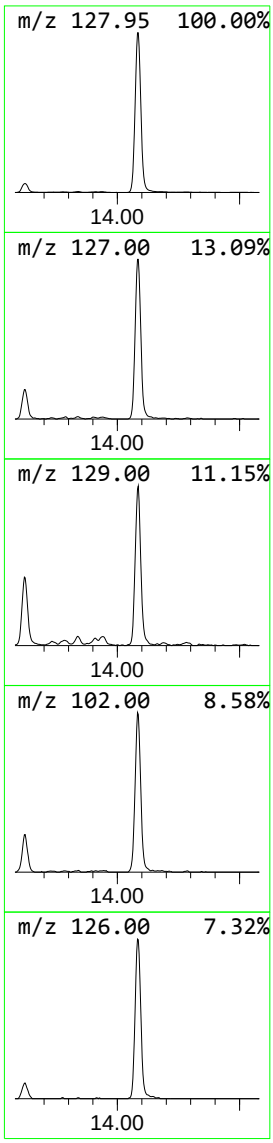
****

Peak Number 51 Azulene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.082	14.34 ug/L	1133470	1,4-Dichlorobenzene-d4	11.809

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051144.D
Acq On : 05 Oct 2022 22:42
Operator : JC/MD
Sample : N4889-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ61

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.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
Propanal, 2-met...	3.578	4.4	ug/L	87948	1	6.247	1003210	50.0
(DEL) Alkane: C...	4.527	4.9	ug/L	98153	1	6.247	1003210	50.0
(DEL) Alkane: S...	5.459	2.8	ug/L	56111	1	6.247	1003210	50.0
(DEL) Alkane: S...	5.591	7.8	ug/L	156765	1	6.247	1003210	50.0
(DEL) Alkane: C...	5.848	10.6	ug/L	212592	1	6.247	1003210	50.0
(DEL) Alkane: C...	5.919	10.6	ug/L	212772	1	6.247	1003210	50.0
(DEL) Alkane: C...	5.986	18.6	ug/L	373893	1	6.247	1003210	50.0
(DEL) Alkane: S...	6.131	3.1	ug/L	62659	1	6.247	1003210	50.0
(DEL) Alkane: S...	6.864	3.0	ug/L	59757	1	6.247	1003210	50.0
(DEL) Alkane: C...	6.980	20.7	ug/L	415850	1	6.247	1003210	50.0
(DEL) Alkane: C...	7.070	5.6	ug/L	111609	1	6.247	1003210	50.0
unknown-01	7.189	3.3	ug/L	65632	1	6.247	1003210	50.0
(DEL) Alkane: C...	7.231	4.8	ug/L	96009	1	6.247	1003210	50.0
(DEL) Alkane: S...	7.494	3.4	ug/L	67722	1	6.247	1003210	50.0
(DEL) Alkane: S...	7.658	3.3	ug/L	66355	1	6.247	1003210	50.0
(DEL) Alkane: C...	8.243	16.4	ug/L	402414	2	9.417	1223770	50.0
(DEL) Alkane: C...	8.366	7.7	ug/L	187767	2	9.417	1223770	50.0
(DEL) Alkane: C...	8.806	5.8	ug/L	141412	2	9.417	1223770	50.0
(DEL) Alkane: C...	8.864	17.1	ug/L	417601	2	9.417	1223770	50.0
1-Hepten-4-ol, ...	8.944	11.2	ug/L	273949	2	9.417	1223770	50.0
4-Heptanone	9.366	3.8	ug/L	91876	2	9.417	1223770	50.0
Pentalene, octa...	9.510	9.6	ug/L	234492	2	9.417	1223770	50.0
Cyclohexene, 1-...	9.890	4.2	ug/L	103372	2	9.417	1223770	50.0
(DEL) Alkane: C...	10.034	17.8	ug/L	435587	2	9.417	1223770	50.0
(DEL) Alkane: C...	10.237	8.6	ug/L	211576	2	9.417	1223770	50.0
Pentalene, octa...	10.272	18.5	ug/L	451889	2	9.417	1223770	50.0
(DEL) Alkane: C...	10.359	25.5	ug/L	624720	2	9.417	1223770	50.0
3,4-Octadiene, ...	10.697	3.1	ug/L	243358	3	11.809	3950770	50.0
1H-Indene, octa...	10.813	2.8	ug/L	221467	3	11.809	3950770	50.0
Benzene, propyl-	10.903	51.8	ug/L	4092610	3	11.809	3950770	50.0
Benzene, 1-ethy...	10.999	3.0	ug/L	233713	3	11.809	3950770	50.0
4-Heptanone, 2,...	11.230	6.5	ug/L	510874	3	11.809	3950770	50.0
Benzene, 1-ethy...	11.295	7.2	ug/L	565664	3	11.809	3950770	50.0
2-Heptanone, 4,...	11.555	6.2	ug/L	492272	3	11.809	3950770	50.0
Benzene, (2-met...	11.610	3.3	ug/L	259351	3	11.809	3950770	50.0
Benzene, (1-met...	11.639	11.4	ug/L	901372	3	11.809	3950770	50.0
Benzene, 1,2,3-...	11.893	97.0	ug/L	7664020	3	11.809	3950770	50.0
p-Cymene	12.005	2.9	ug/L	225434	3	11.809	3950770	50.0
Benzene, 1-prop...	12.092	34.5	ug/L	2729020	3	11.809	3950770	50.0
Benzene, 1,2-di...	12.298	4.8	ug/L	381157	3	11.809	3950770	50.0
Benzene, 1-meth...	12.375	12.7	ug/L	1006780	3	11.809	3950770	50.0
Benzene, 2-ethy...	12.568	19.4	ug/L	1529840	3	11.809	3950770	50.0
Benzene, (2-met...	12.610	6.1	ug/L	484145	3	11.809	3950770	50.0
Benzene, 1-meth...	12.684	19.5	ug/L	1537680	3	11.809	3950770	50.0
Benzene, 4-ethy...	12.874	13.0	ug/L	1024900	3	11.809	3950770	50.0
Benzene, 1,2,3,...	12.970	9.8	ug/L	775420	3	11.809	3950770	50.0
Benzene, (1-met...	13.291	3.1	ug/L	246062	3	11.809	3950770	50.0
Benzene, 1,2,3,...	13.446	31.0	ug/L	2452600	3	11.809	3950770	50.0
Naphthalene, 1,...	13.623	11.9	ug/L	940291	3	11.809	3950770	50.0
Azulene	14.082	14.3	ug/L	1133470	3	11.809	3950770	50.0