LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y3

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_V\Method\SOMVLM011121WMA.M
Title : VOC Analysis

Signal : TIC: VV020024.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.110	3	6	17	rVB	105249	91099	0.62%	0.186%
2	1.309	59	68	80	rBV	243663	270200	1.83%	0.553%
3	1.386	87	92	98	rBV2	11860	11523	0.08%	0.024%
4	1.569	141	149	159	rBV	188494	213995	1.45%	0.438%
5	1.637	164	170	180	rVB	18696	22947	0.16%	0.047%
6	1.769	205	211	216	rBV2	7528	9482	0.06%	0.019%
7	1.807	218	223	236	rVB3	13764	19679	0.13%	0.040%
8	1.984	272	278	287	rVB10	3520	5400	0.04%	0.011%
9	2.110	306	317	333	rBV	374599	571268	3.87%	1.168%
10	2.534	425	449	480	rVB	1056802	2062908	13.96%	4.218%
11	2.762	501	520	551	rVV	1929002	3786604	25.63%	7.743%
12	2.955	570	580	583	rBV7	3322	5249	0.04%	0.011%
13	3.042	589	607	640	rBV	7646409	14775102	100.00%	30.213%
14	3.675	797	804	808	rVV7	2348	3293	0.02%	0.007%
15	3.765	810	832	859	rVV	4507053	11198692	75.79%	22.900%
16	3.888	860	870	900	rVV	86230	251999	1.71%	0.515%
17	4.347	998	1013	1042	rBV	225688	565831	3.83%	1.157%
18	4.679	1100	1116	1133	rVV3	69192	171194	1.16%	0.350%
19	4.769	1134	1144	1156	rVB6	9707	22971	0.16%	0.047%
20	4.907	1173	1187	1203	rVV7	7804	19106	0.13%	0.039%
21	5.048	1213	1231	1240	rBV3	530592	1370005	9.27%	2.801%
22	5.617	1394	1408	1431	rBV	379657	756607	5.12%	1.547%
23	5.910	1486	1499	1512	rBV5	18155	38570	0.26%	0.079%
24	6.071	1532	1549	1572	rBV2	310888	647618	4.38%	1.324%
25	6.203	1585	1590	1599	rBV2	3434	5464	0.04%	0.011%
26	6.466	1666	1672	1681	rVB8	4532	8316	0.06%	0.017%
27	6.656	1715	1731	1743	rVV3	22430	49593	0.34%	0.101%
28	6.778	1753	1769	1782	rBV2	33006	71881	0.49%	0.147%
29	6.987	1820	1834	1856	rBV	170008	312997	2.12%	0.640%
30	7.180	1889	1894	1905	rVB	2979	5342	0.04%	0.011%
31	7.267	1908	1921	1926	rBV8	11518	22145	0.15%	0.045%
32	7.318	1926	1937	1953	rVB	609808	1037543	7.02%	2.122%
33	7.624	2022	2032	2061	rVB	116482	215162	1.46%	0.440%
34	7.791	2077	2084	2095	rVB5	9853	16784	0.11%	0.034%
35	7.981	2134	2143	2153	rVV5	14128	22641	0.15%	0.046%
36	8.090	2167	2177	2210	rBV2	315114	627380	4.25%	1.283%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
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Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y3

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_V\Method\SOMVLM011121WMA.M
Title : VOC Analysis

37	8.505	2302	2306	2313	rVV6	1967	3206	0.02%	0.007%
38	8.553	2318	2321	2327	rVB	14588	9519	0.06%	0.019%
39	8.855	2403	2415	2433	rBV	592237	959504	6.49%	1.962%
40	9.325	2554	2561	2569	rVB10	2387	3978	0.03%	0.008%
41	9.817	2702	2714	2724	rBV10	4982	11140	0.08%	0.023%
42	10.129	2805	2811	2822	rVB10	5874	10210	0.07%	0.021%
43	10.222	2824	2840	2860	rBV	399157	636482	4.31%	1.302%
44	10.550	2932	2942	2950	rBV4	4511	8227	0.06%	0.017%
45	10.739	2991	3001	3012	rBV5	9374	16389	0.11%	0.034%
46	10.923	3048	3058	3069	rBV5	7766	11478	0.08%	0.023%
47	11.061	3092	3101	3107	rVV2	20343	31414	0.21%	0.064%
48	11.096	3107	3112	3121	rVB2	21126	29953	0.20%	0.061%
49	11.157	3124	3131	3136	rBV5	5427	7536	0.05%	0.015%
50	11.199	3136	3144	3151	rVV	40590	60024	0.41%	0.123%
51	11.254	3151	3161	3181	rVB	678646	1036422	7.01%	2.119%
52	11.460	3217	3225	3234	rVB2	9107	13972	0.09%	0.029%
53	11.556	3243	3255	3257	rBV	138979	186854	1.26%	0.382%
54	11.582	3259	3263	3270	rVV	264851	345057	2.34%	0.706%
55	11.633	3270	3279	3302	rVB3	871982	1521912	10.30%	3.112%
56	11.752	3308	3316	3326	rVB2	28095	42198	0.29%	0.086%
57	11.823	3327	3338	3353	rVB2	115476	191091	1.29%	0.391%
58	11.919	3357	3368	3372	rBV	116144	173982	1.18%	0.356%
59	12.022	3390	3400	3421	rVB	223224	382852	2.59%	0.783%
60	12.125	3421	3432	3437	rBV	87955	145086	0.98%	0.297%
61	12.267	3463	3476	3483	rBV5	29844	65821	0.45%	0.135%
62	12.308	3484	3489	3498	rVB5	23137	36987	0.25%	0.076%
63	12.389	3509	3514	3516	rBV3	20468	20290	0.14%	0.041%
64	12.421	3517	3524	3532	rVB	119045	168841	1.14%	0.345%
65	12.472	3532	3540	3555	rVB	223190	335342	2.27%	0.686%
66	12.559	3555	3567	3572	rBV	185508	283232	1.92%	0.579%
67	12.591	3573	3577	3584	rVB2	97849	115239	0.78%	0.236%
68	12.688	3596	3607	3614	rBV5	81484	179530	1.22%	0.367%
69	12.733	3615	3621	3630	rVB	168811	230744	1.56%	0.472%
70	12.800	3637	3642	3649	rBV3	40178	48323	0.33%	0.099%
71	12.852	3650	3658	3663	rBV2	90194	142445	0.96%	0.291%
72	12.890	3665	3670	3685	rVB4	144210	283470	1.92%	0.580%
73	13.009	3700	3707	3717	rBV2	34146	59482	0.40%	0.122%
74	13.173	3749	3758	3765	rBV2	81707	132040	0.89%	0.270%
75	13.225	3766	3774	3782	rVB	139467	207753	1.41%	0.425%
76	13.276	3782	3790	3796	rBV3	182362	275677	1.87%	0.564%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y3

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_V\Method\SOMVLM011121WMA.M
Title : VOC Analysis

77	13.376	3816	3821	3828	rVB	156428	188522	1.28%	0.386%
78	13.472	3844	3851	3853	rBV2	19744	23170	0.16%	0.047%
79	13.553	3870	3876	3890	rVB3	22476	45776	0.31%	0.094%
80	13.620	3890	3897	3905	rBV5	19488	31165	0.21%	0.064%
81	13.720	3920	3928	3938	rBV6	59200	107906	0.73%	0.221%
82	13.781	3939	3947	3956	rVB3	68984	105498	0.71%	0.216%
83	13.919	3981	3990	4003	rVB2	62553	103725	0.70%	0.212%
84	13.980	4003	4009	4014	rBV5	7978	11722	0.08%	0.024%
85	14.099	4037	4046	4059	rBV2	75190	149674	1.01%	0.306%
86	14.241	4083	4090	4100	rBV4	40861	62374	0.42%	0.128%
87	14.312	4102	4112	4123	rVB3	58023	116108	0.79%	0.237%
88	14.373	4123	4131	4142	rVB5	14265	24362	0.16%	0.050%
89	14.456	4143	4157	4167	rBV5	28627	61525	0.42%	0.126%
90	14.514	4170	4175	4181	rVB3	8542	10487	0.07%	0.021%
91	14.588	4190	4198	4201	rBV6	3059	4824	0.03%	0.010%
92	14.624	4201	4209	4222	rVV6	19237	42620	0.29%	0.087%
93	14.701	4222	4233	4247	rVV8	13599	37711	0.26%	0.077%
94	14.778	4251	4257	4264	rVV6	7095	8769	0.06%	0.018%
95	14.829	4264	4273	4284	rBV5	12480	25159	0.17%	0.051%
96	14.887	4285	4291	4300	rVV7	9485	14094	0.10%	0.029%
97	14.996	4316	4325	4327	rBV9	2573	3619	0.02%	0.007%
98	15.350	4429	4435	4441	rVB6	4546	5728	0.04%	0.012%
99	15.681	4532	4538	4549	rVB6	2678	4540	0.03%	0.009%
100	15.826	4578	4583	4589	rVB8	3126	3635	0.02%	0.007%

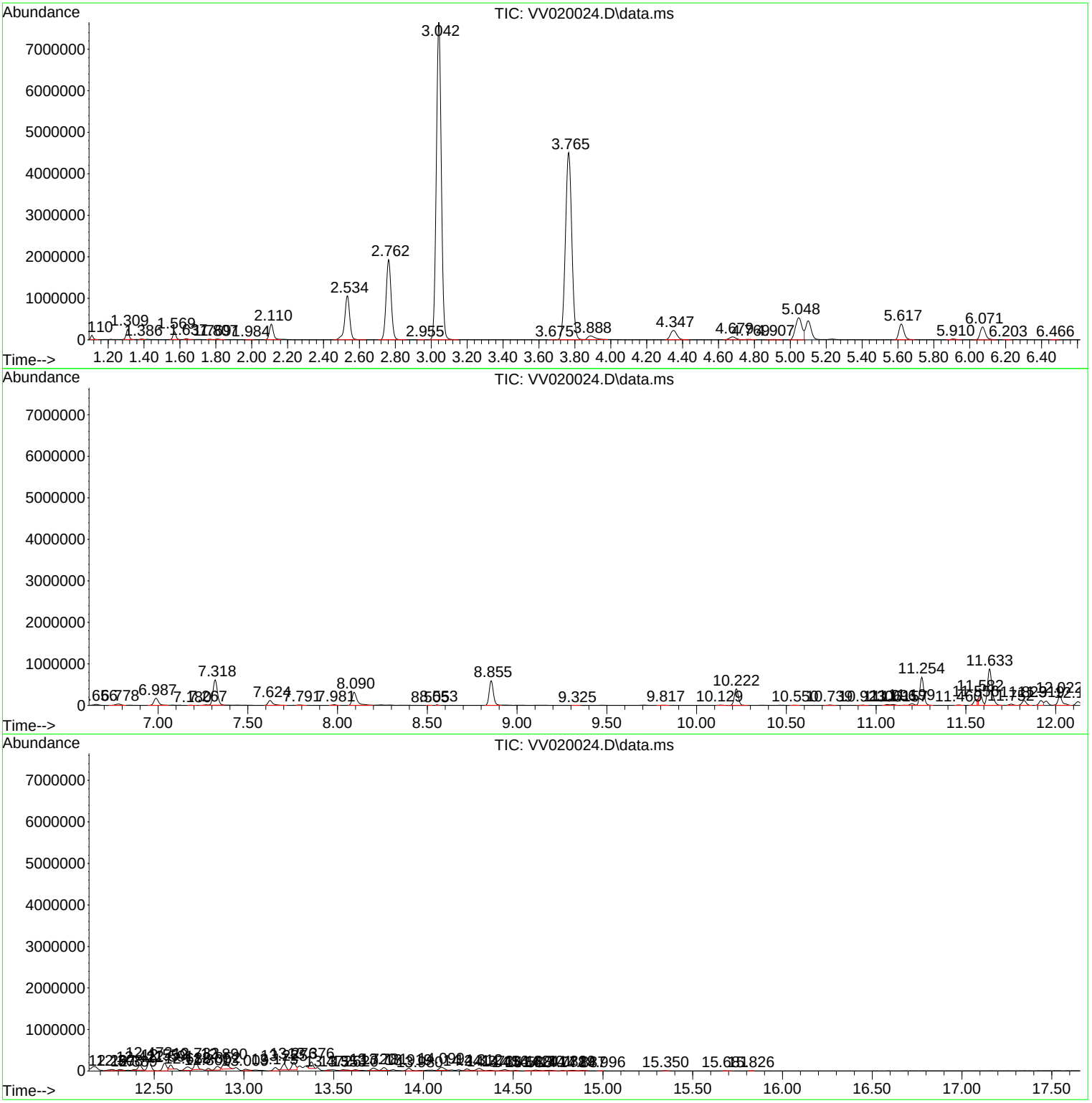
Sum of corrected areas: 48903005

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

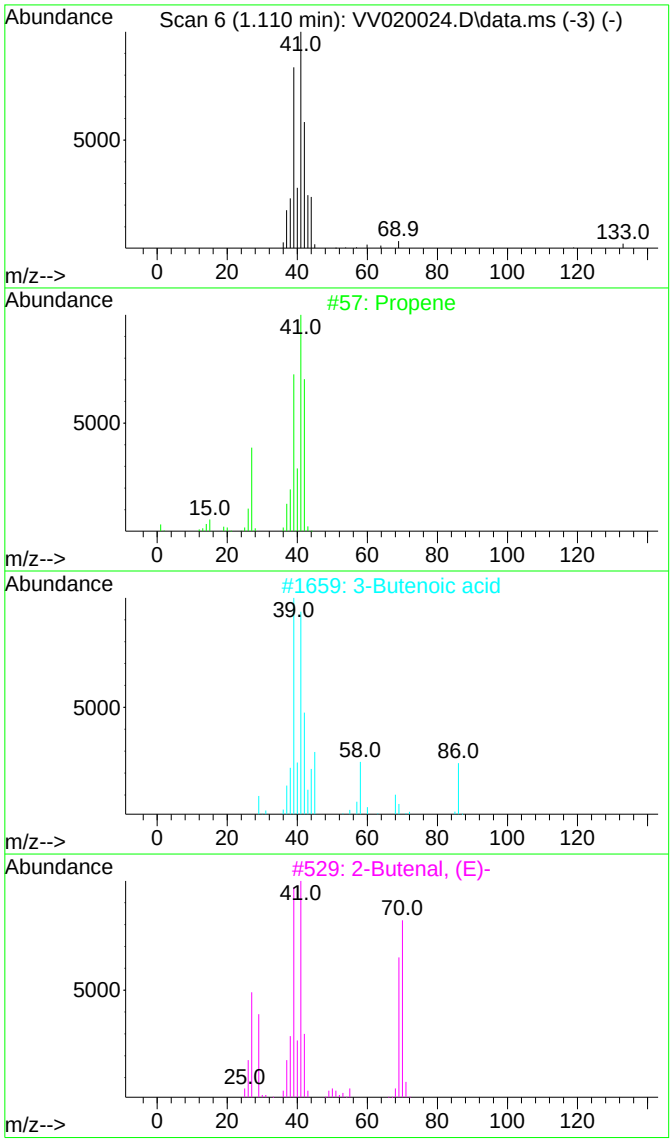
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

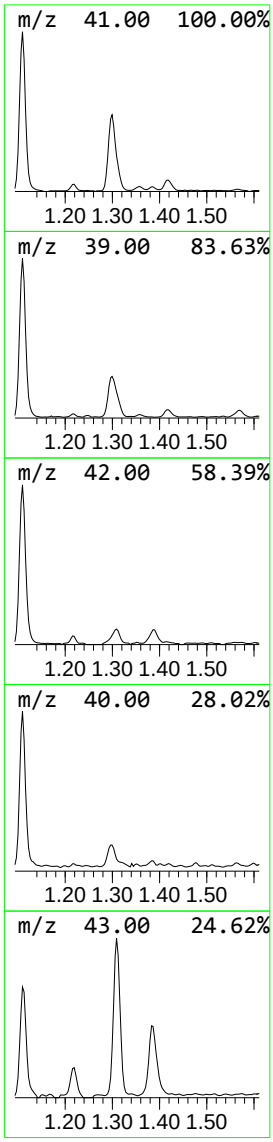
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.110	6.02 ug/L	91099	1,4-Difluorobenzene	5.617

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	86
2	3-Butenoic acid	86	C4H6O2	000625-38-7	83
3	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
4	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	64
5	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

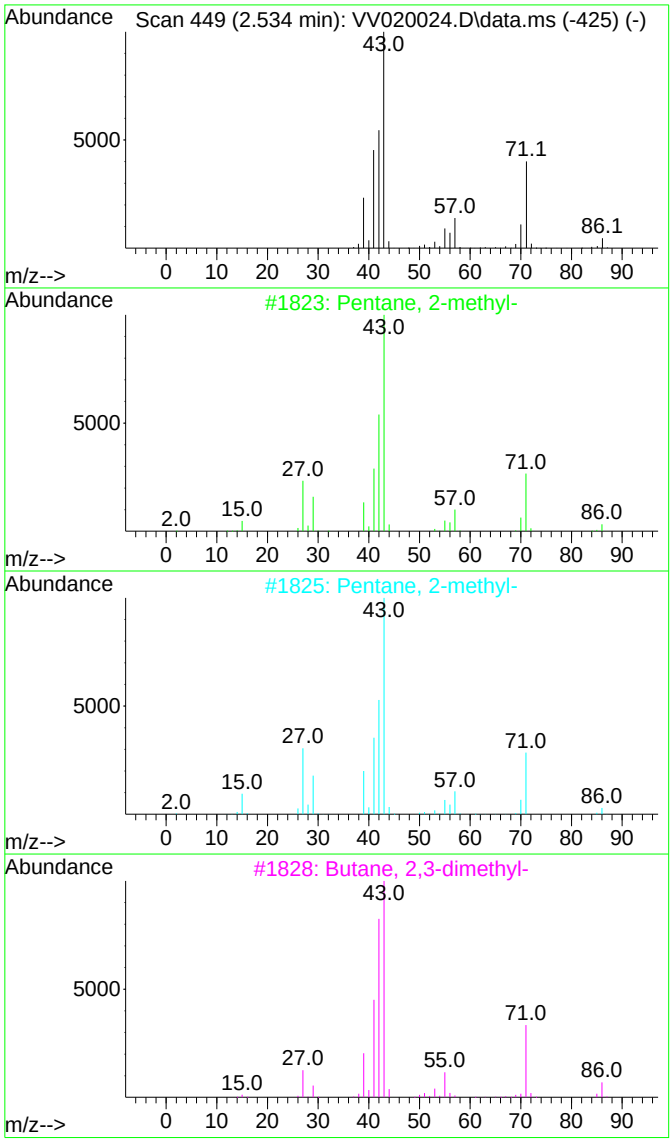
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

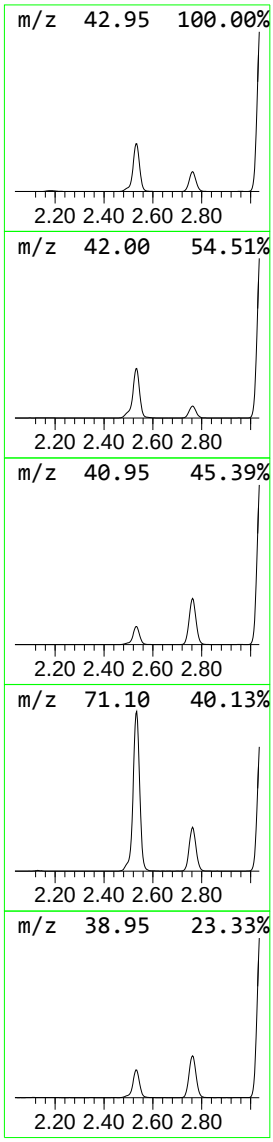
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.534	136.33 ug/L	2062910	1,4-Difluorobenzene	5.617

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	74
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

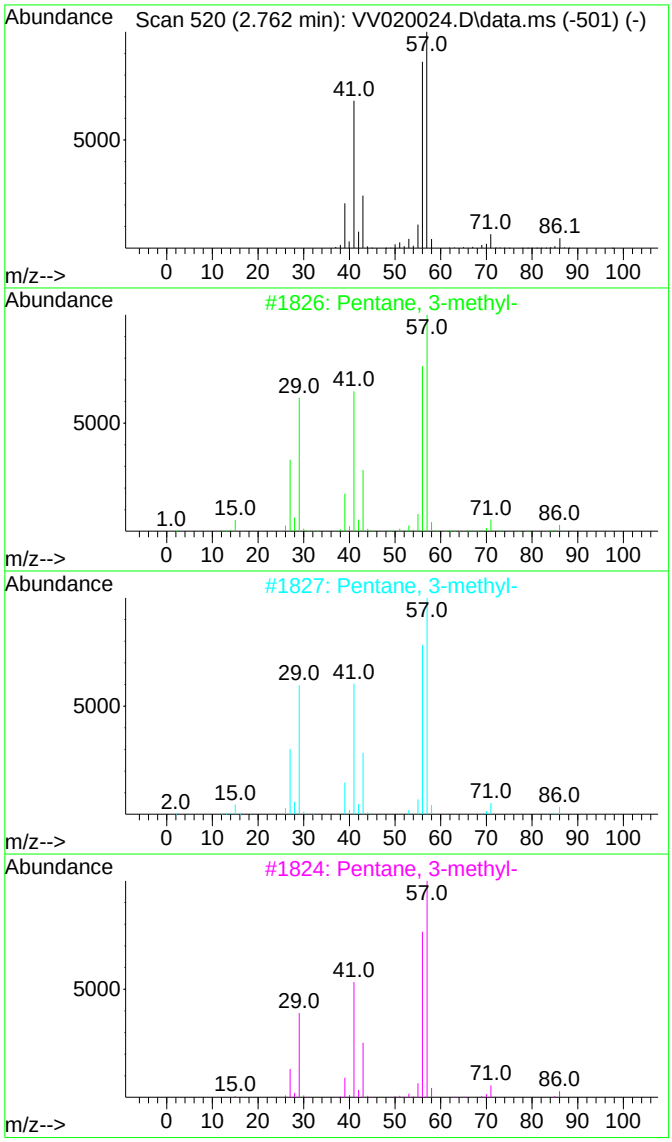
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

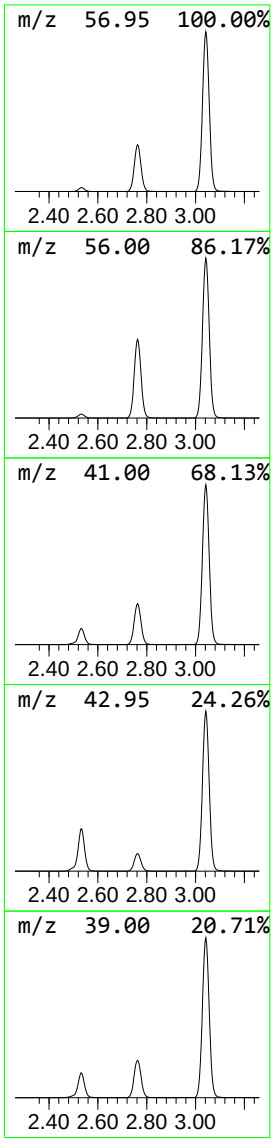
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.762	250.24 ug/L	3786600	1,4-Difluorobenzene	5.617

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

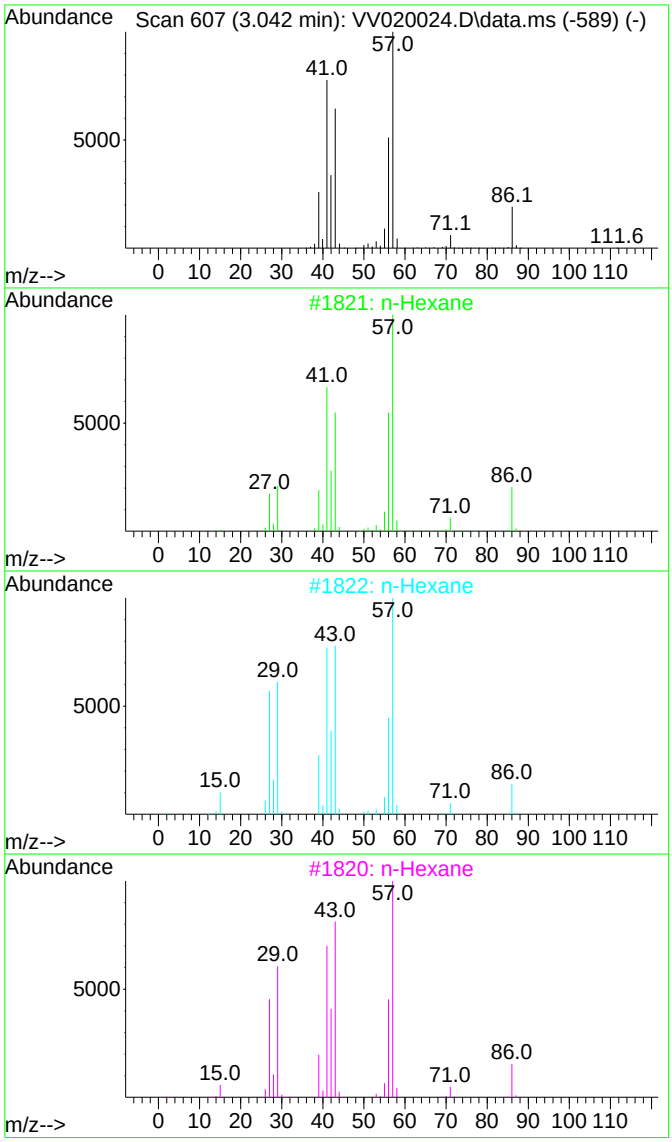
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

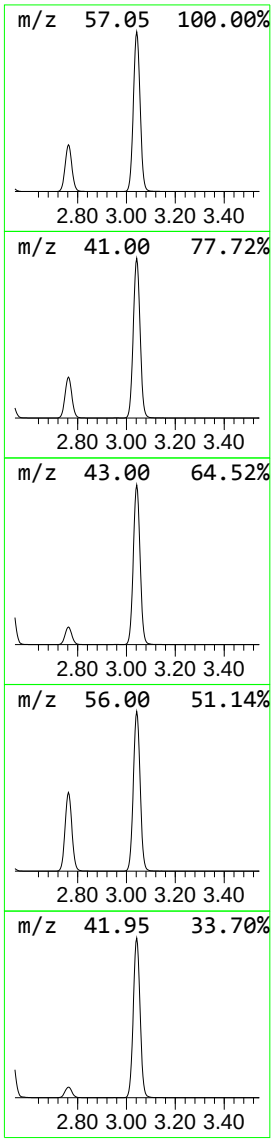
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.042	976.40 ug/L	14775100	1,4-Difluorobenzene	5.617

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	64
3	n-Hexane	86	C6H14	000110-54-3	59
4	Butanal, 2-methyl-	86	C5H10O	000096-17-3	38
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

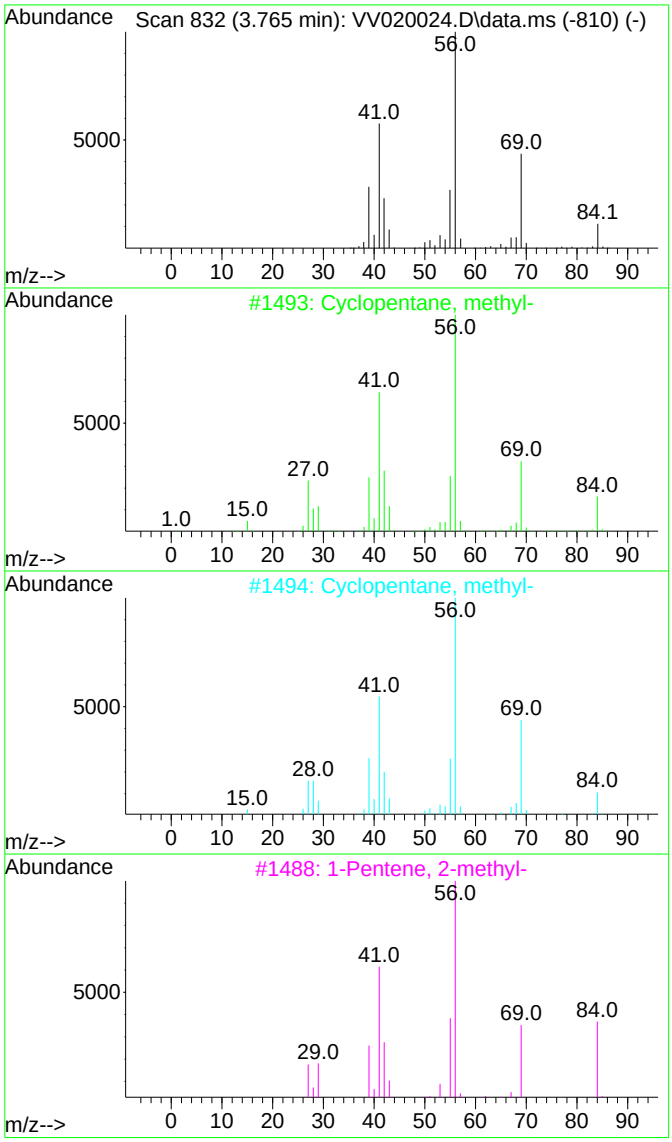
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

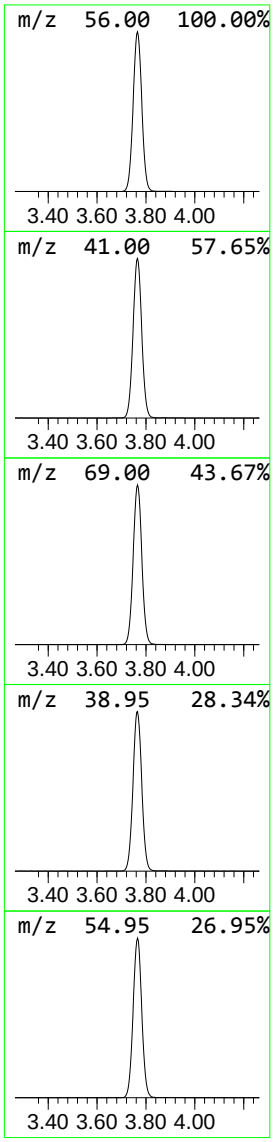
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic3.765 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.765	740.06 ug/L	11198700	1,4-Difluorobenzene	5.617

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

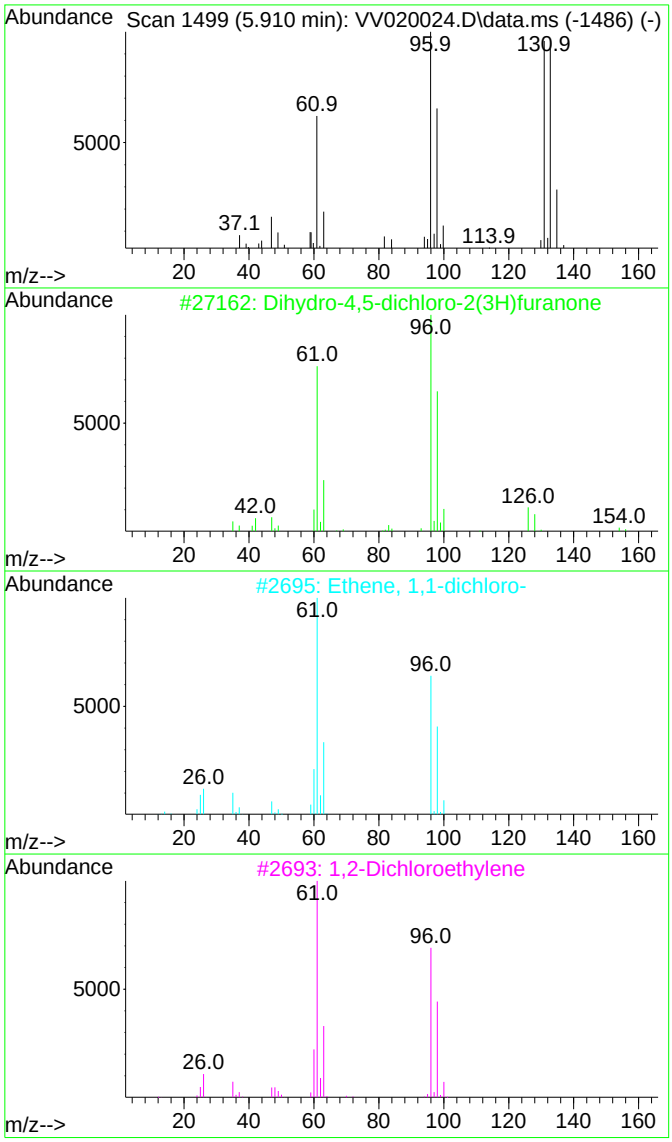
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

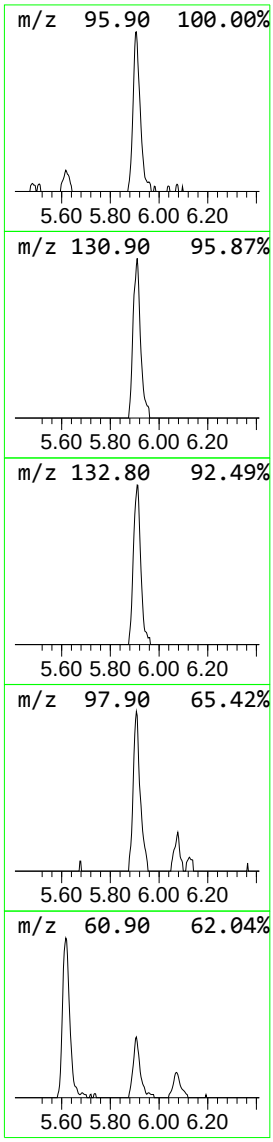
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 unknown-01 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.910	2.55 ug/L	38570	1,4-Difluorobenzene	5.617

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
2	Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	17
3	1,2-Dichloroethylene	96	C2H2Cl2	000540-59-0	17
4	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	12
5	2(1H)-Pyrimidinone	96	C4H4N2O	000557-01-7	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

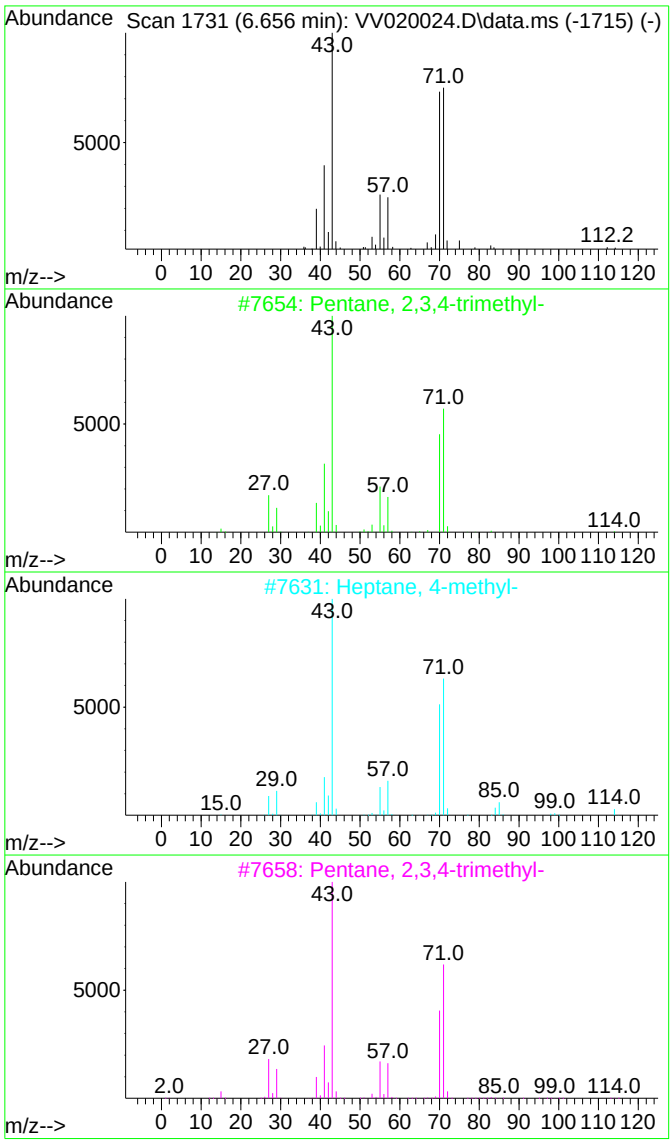
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

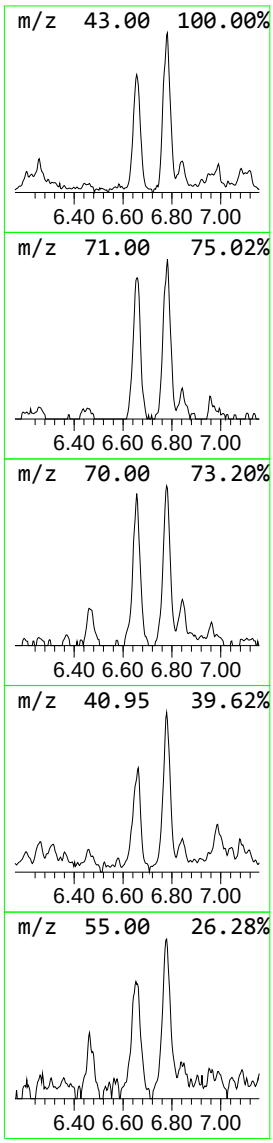
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.656	3.28 ug/L	49593	1,4-Difluorobenzene	5.617

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

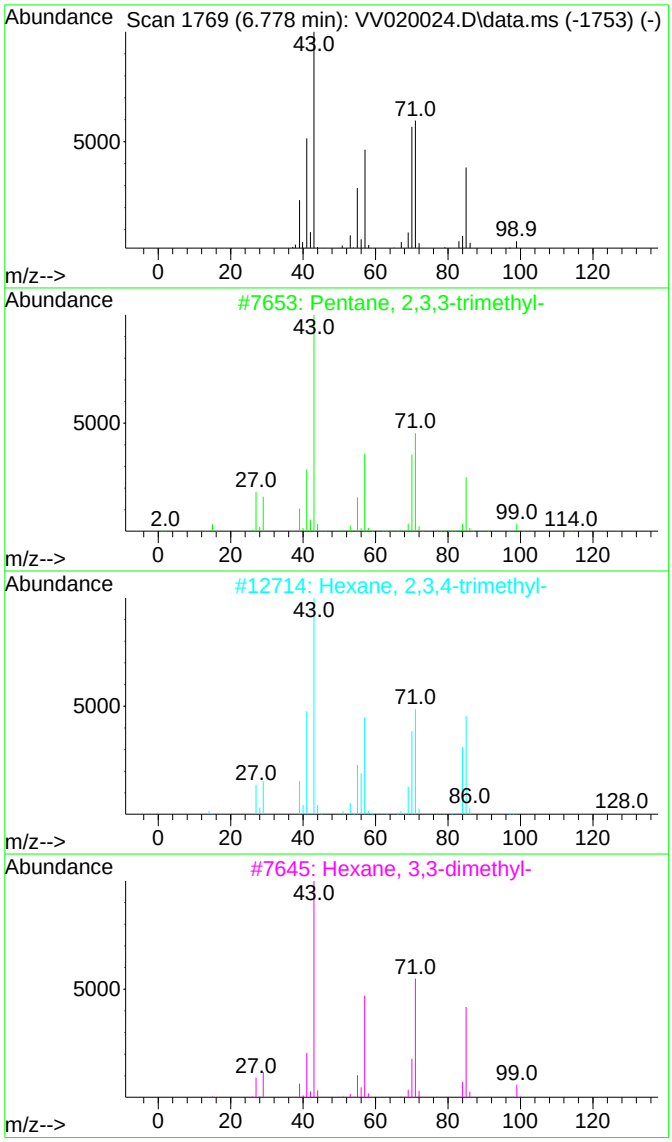
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

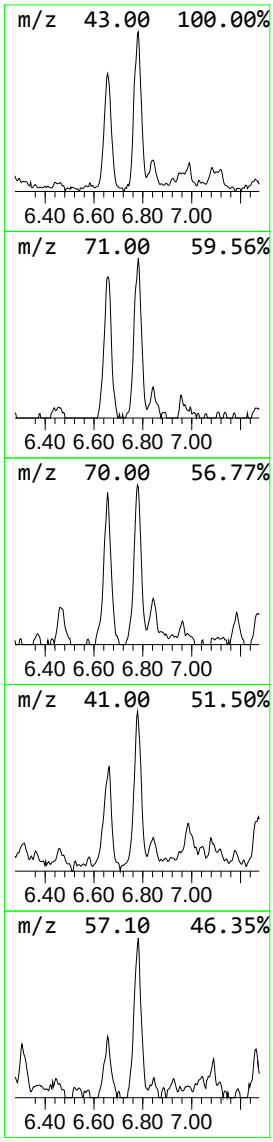
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.778	4.75 ug/L	71881	1,4-Difluorobenzene	5.617

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
5	Octane, 4-methyl-	128	C9H20	002216-34-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

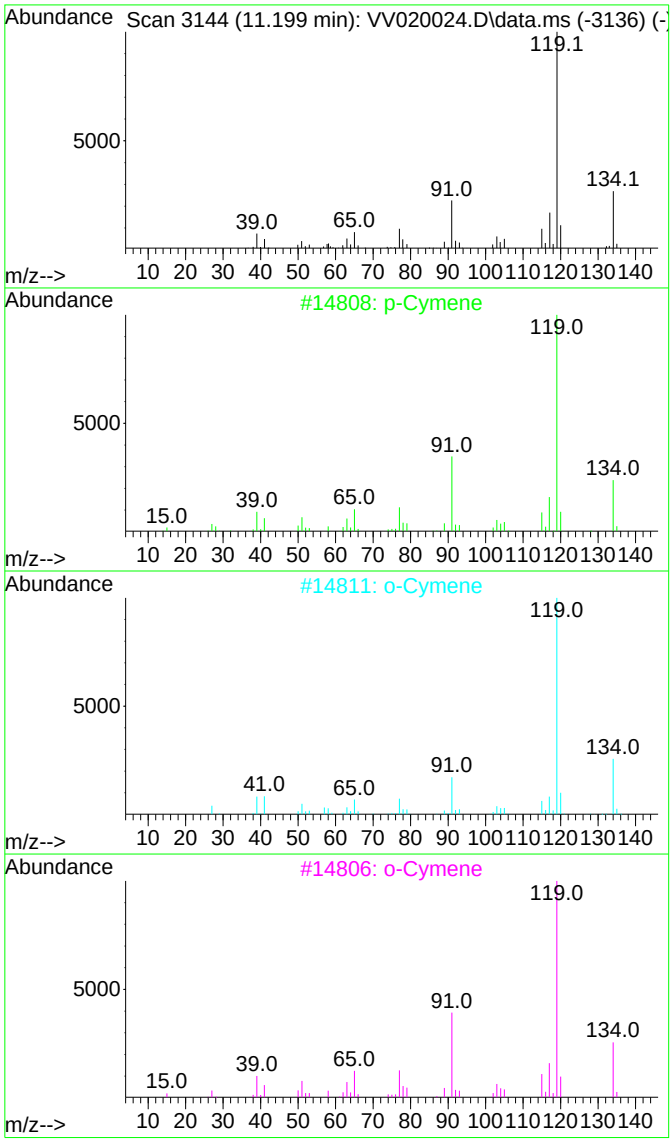
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

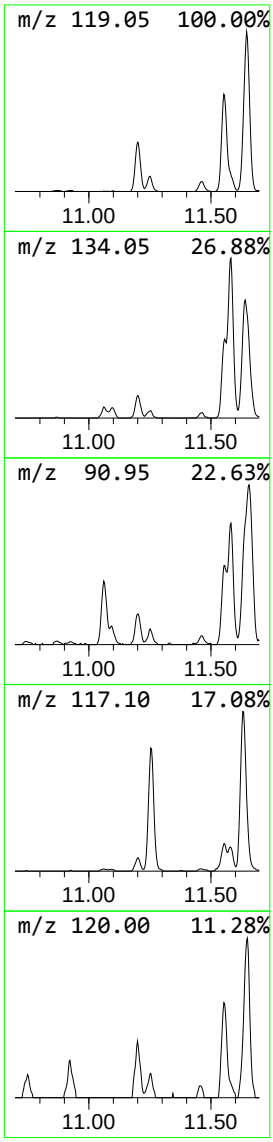
****

Peak Number 10 p-Cymene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.199	2.90 ug/L	60024	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

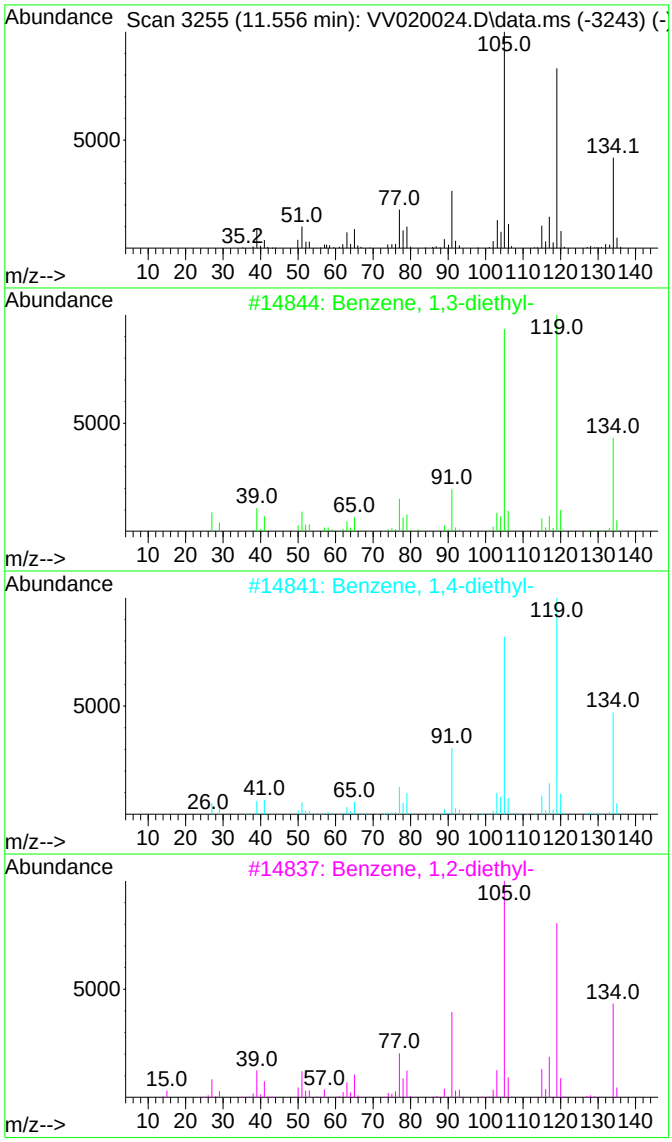
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

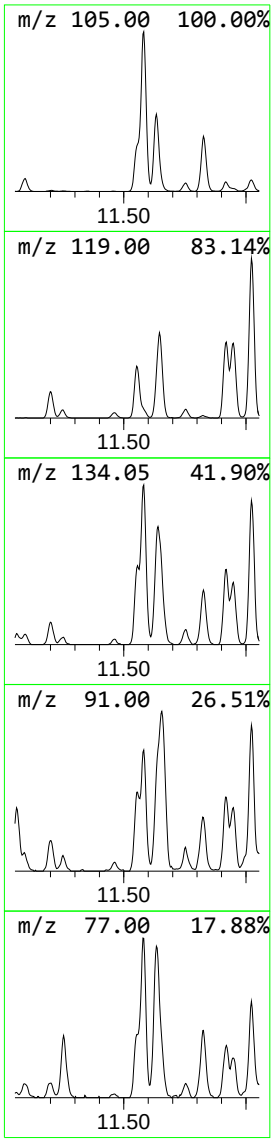
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.556	9.01 ug/L	186854	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y3

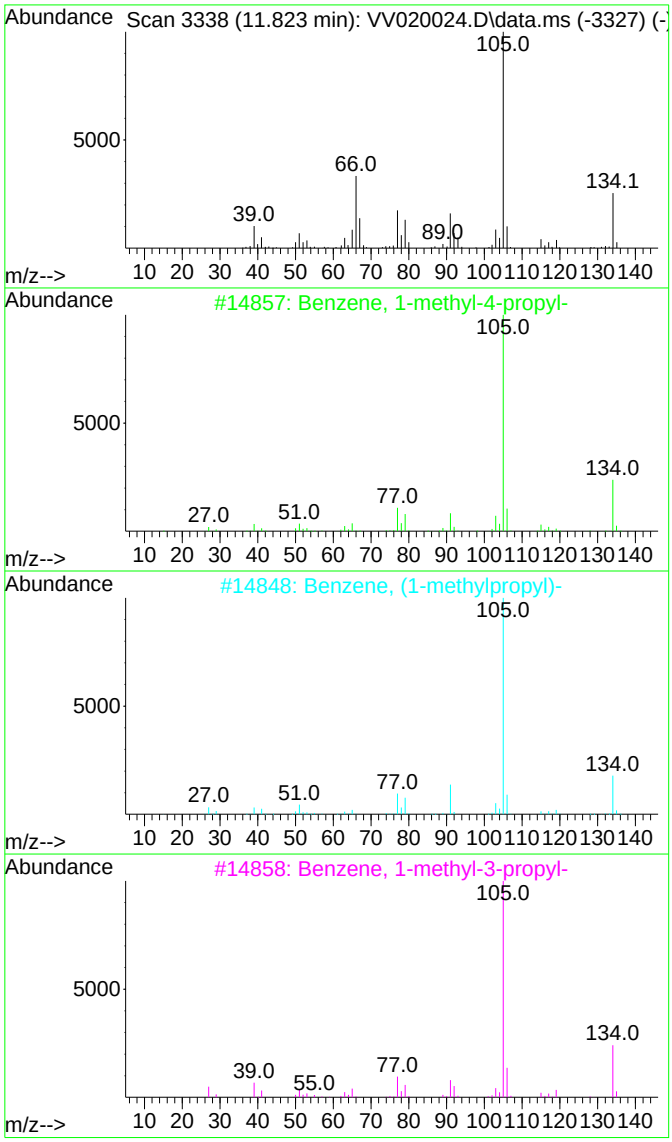
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

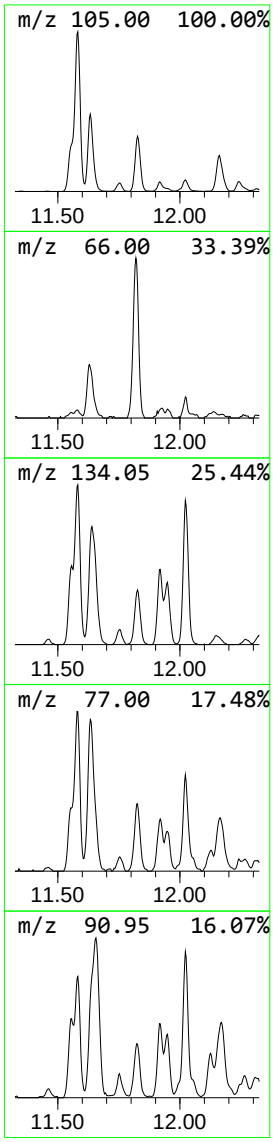
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-methyl-4-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.823	9.22 ug/L	191091	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	50
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	50
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
4	2-Tolyloxirane	134	C9H10O	002783-26-8	46
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

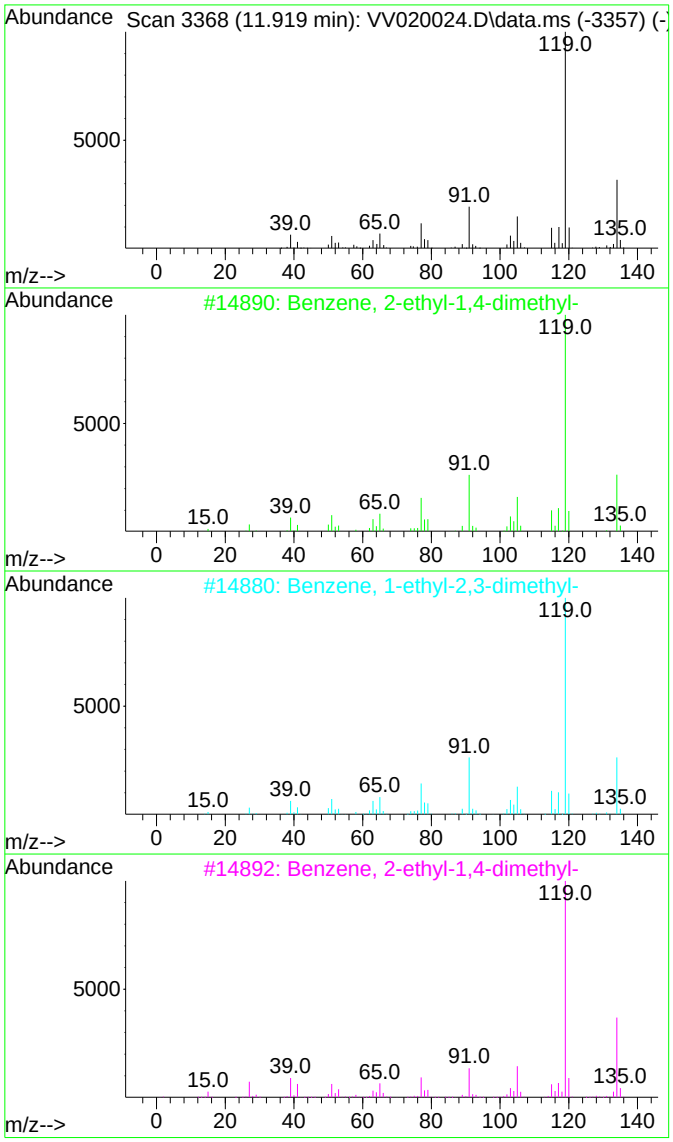
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

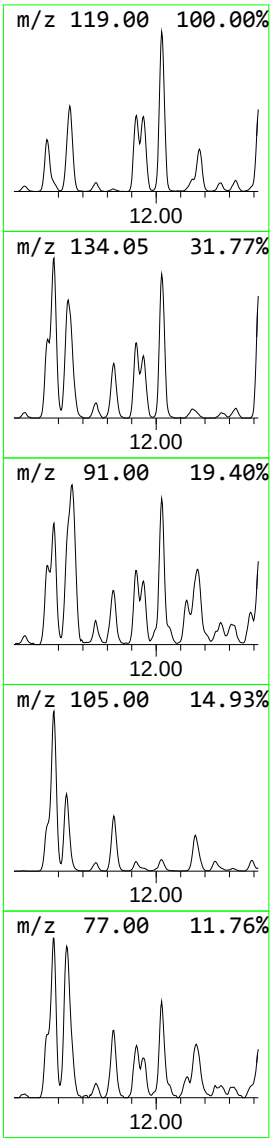
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.919	8.39 ug/L	173982	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

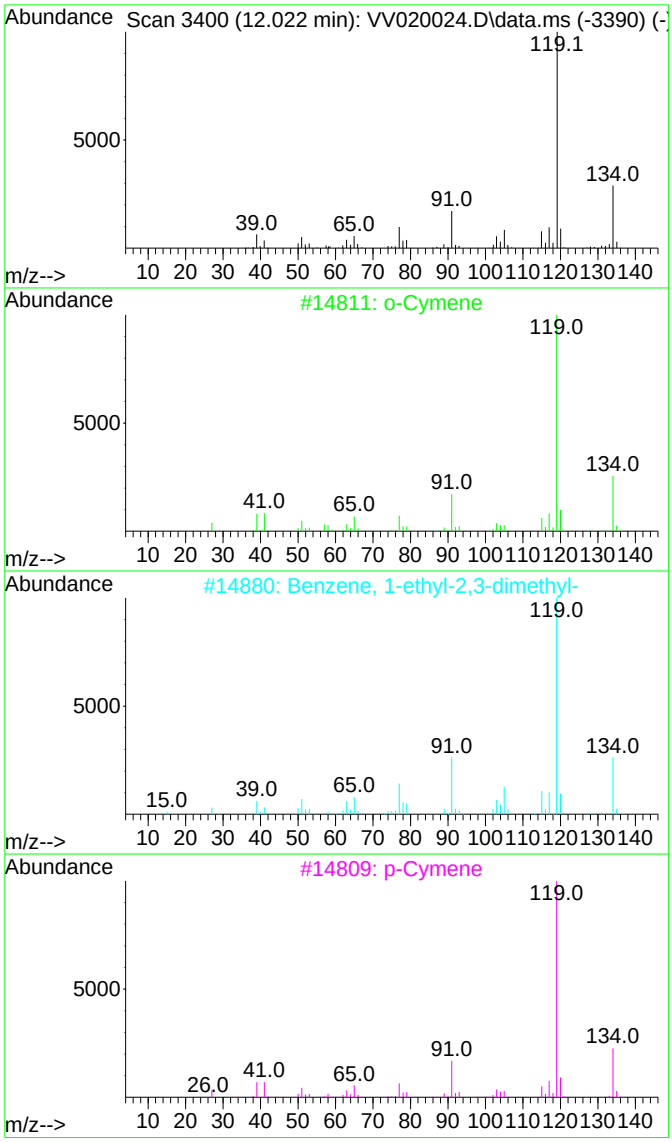
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

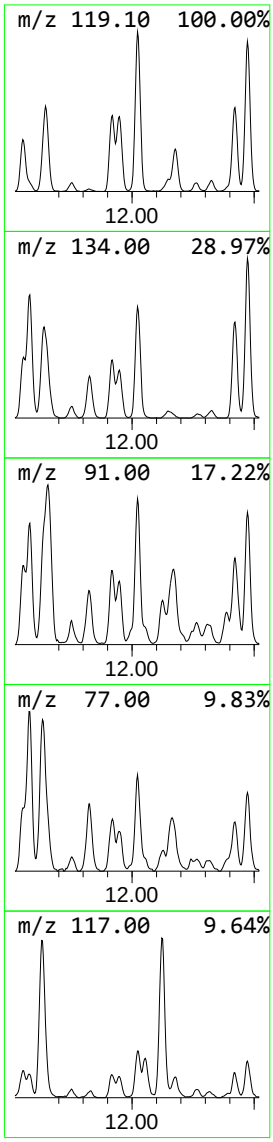
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	18.47 ug/L	382852	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

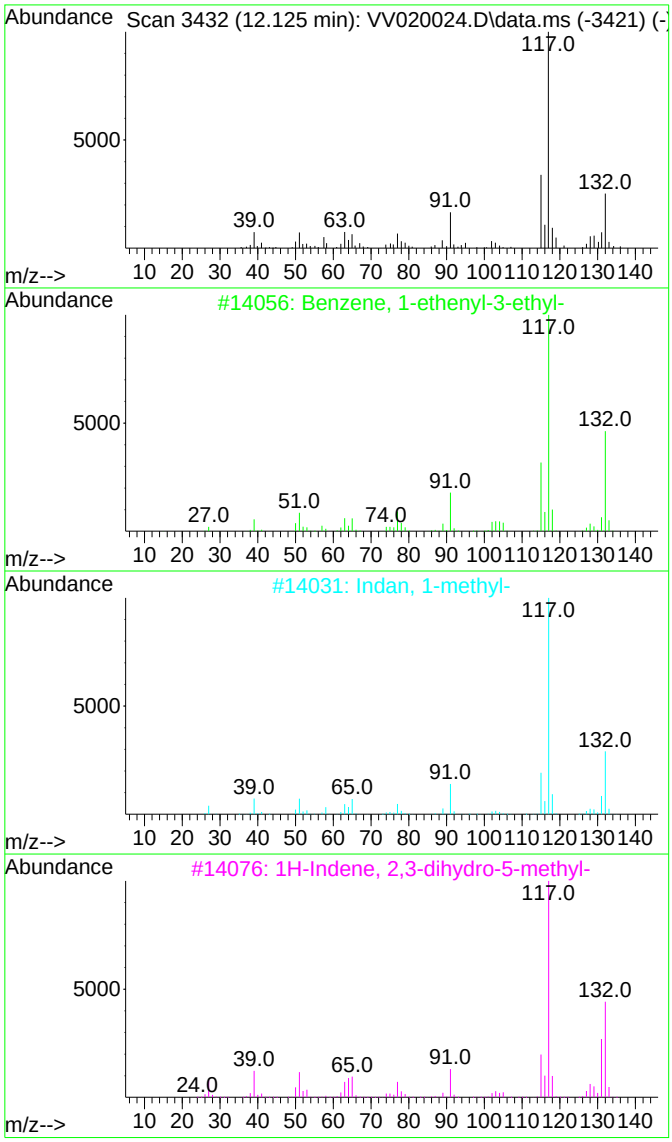
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

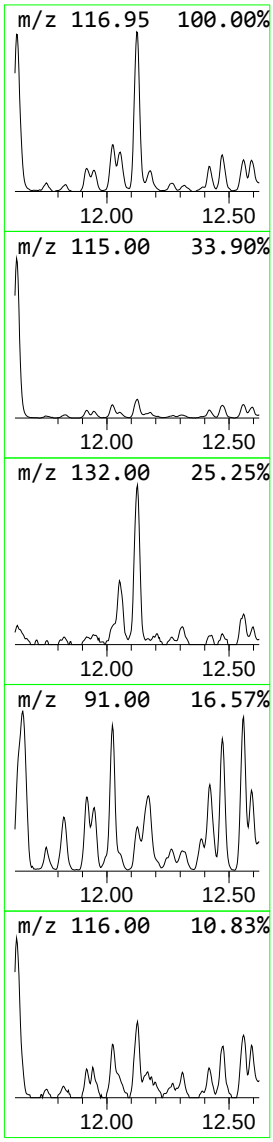
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.125	7.00 ug/L	145086	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	86
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

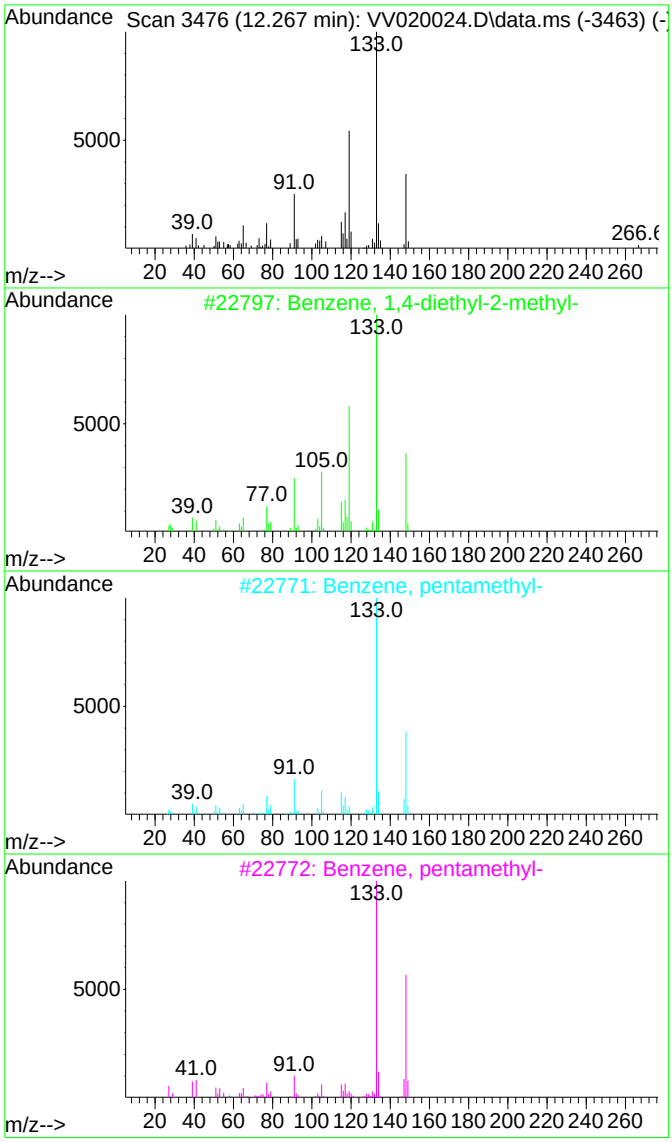
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

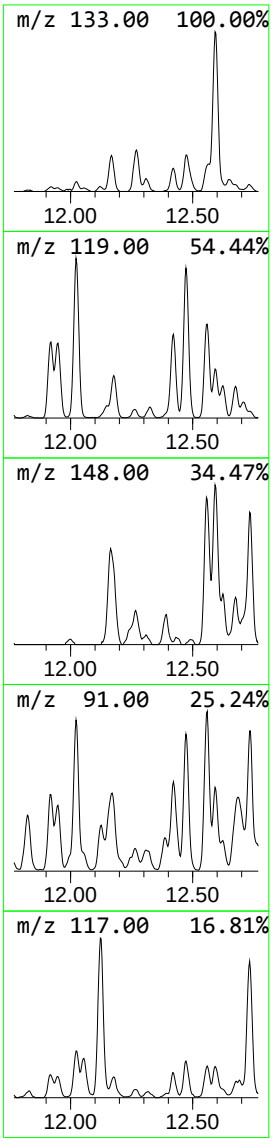
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.267	3.18 ug/L	65821	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	87
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	74
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

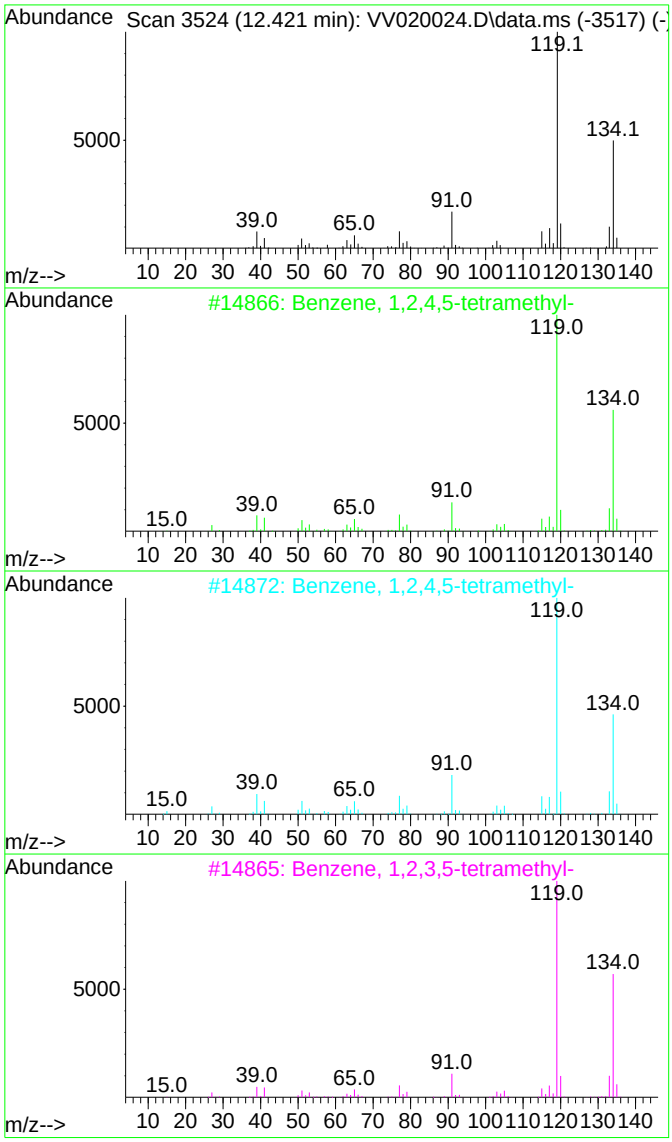
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

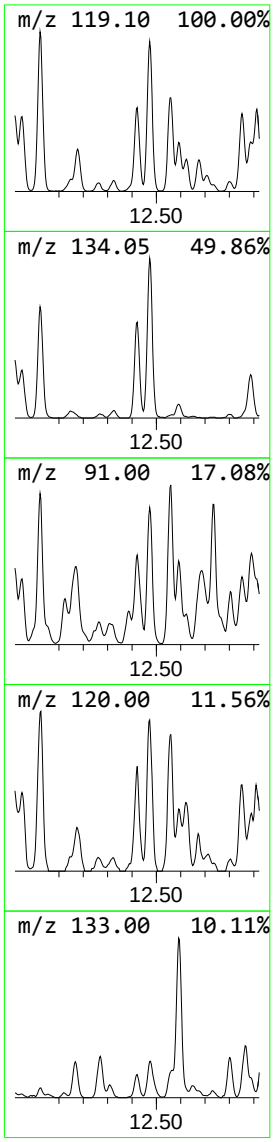
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.421	8.15 ug/L	168841	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y3

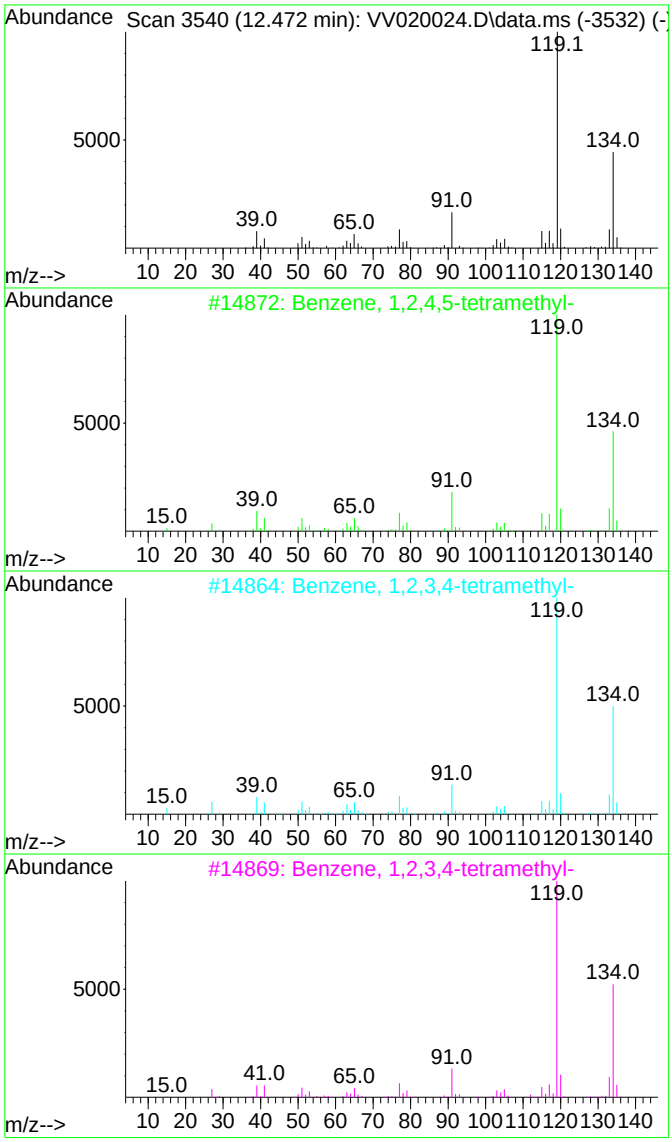
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

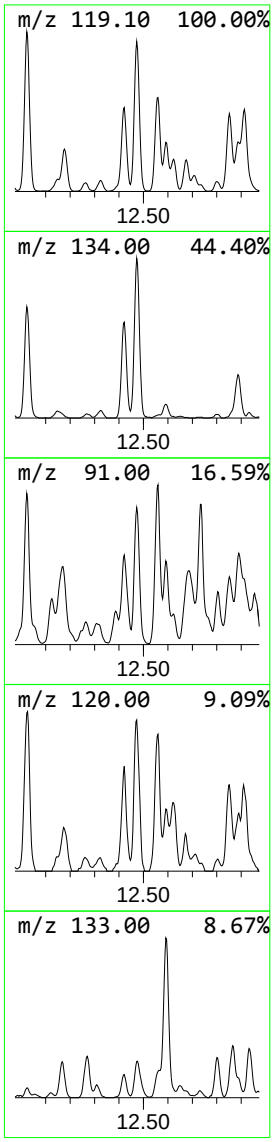
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.473	16.18 ug/L	335342	1,4-Dichlorobenzene-d4	11.254

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

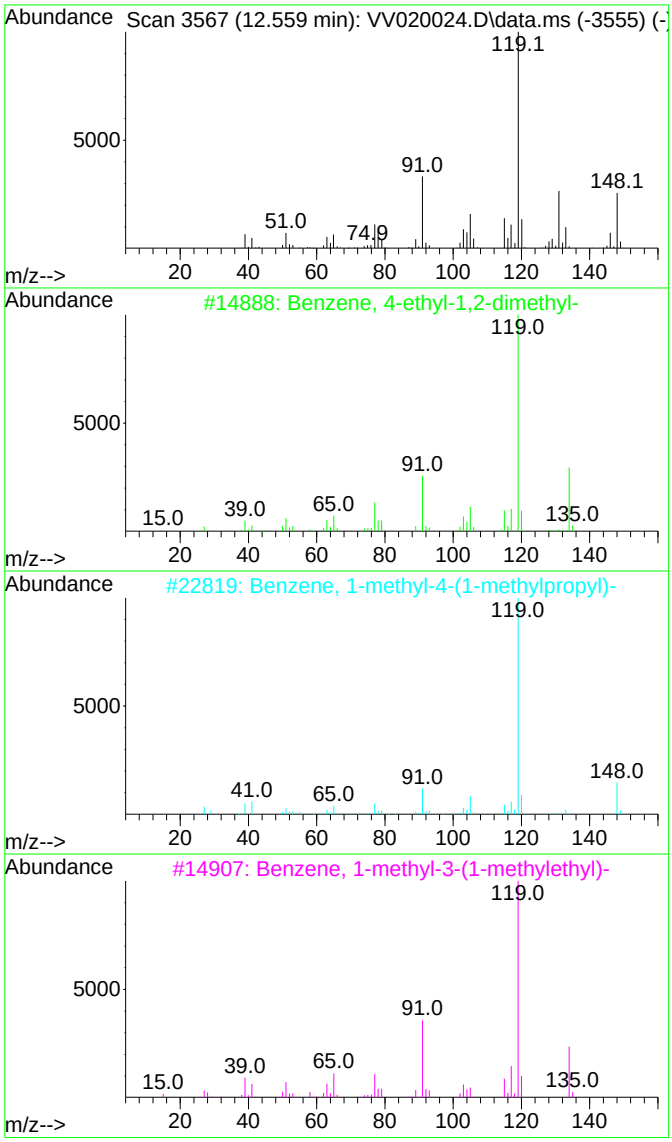
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

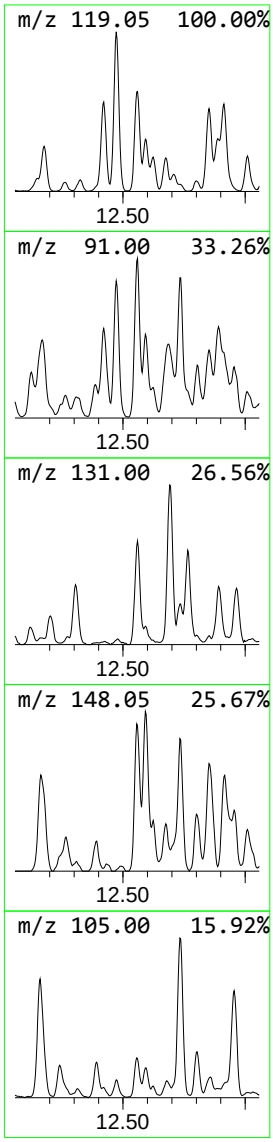
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.559	13.66 ug/L	283232	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	76
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
4	o-Cymene	134	C10H14	000527-84-4	60
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

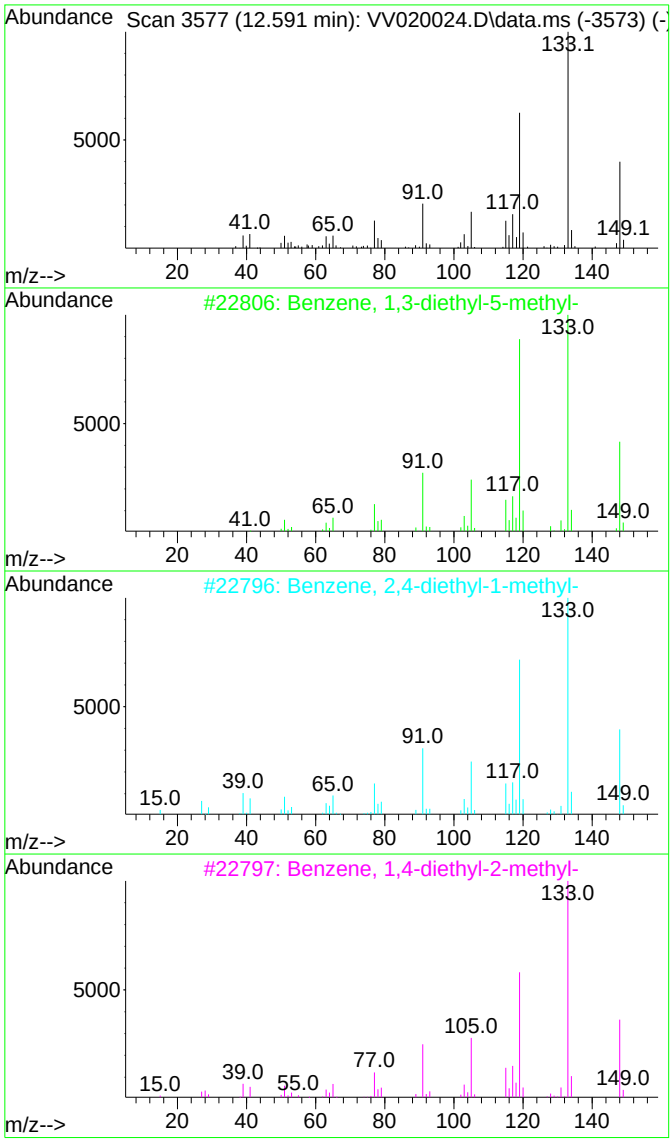
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

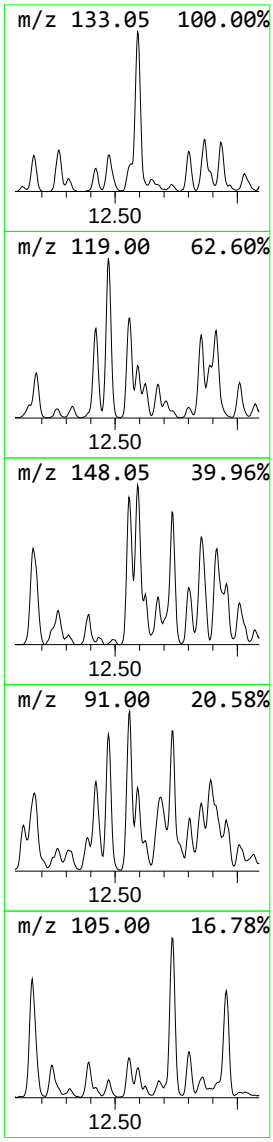
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.591	5.56 ug/L	115239	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	96
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	94
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	91
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	76
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

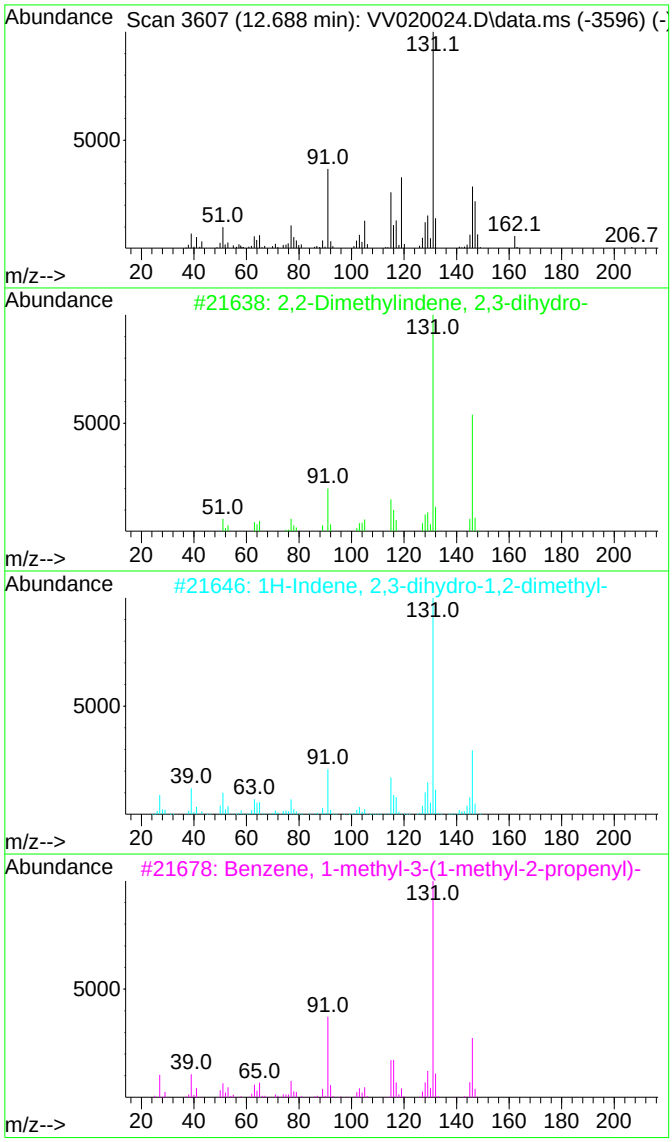
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

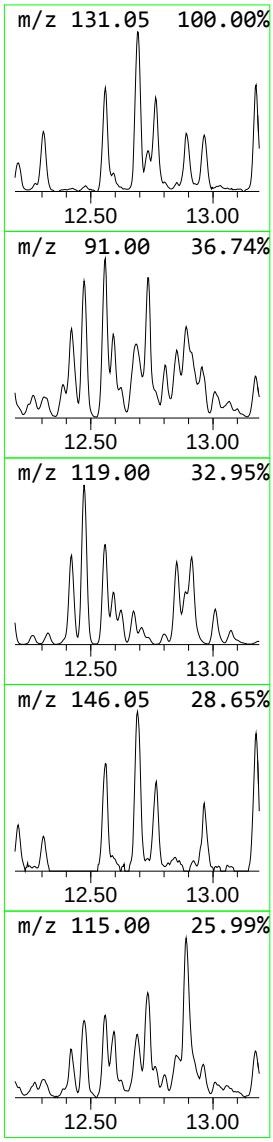
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 2,2-Dimethylindene, 2,3-dih... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.688	8.66 ug/L	179530	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	76
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	76
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

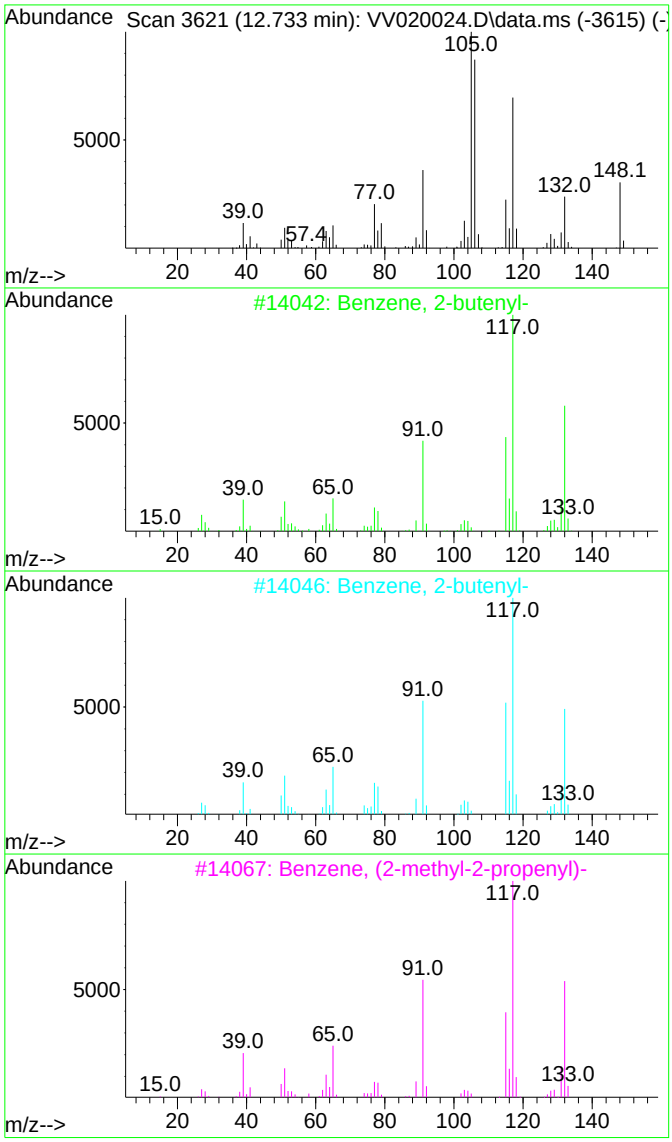
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

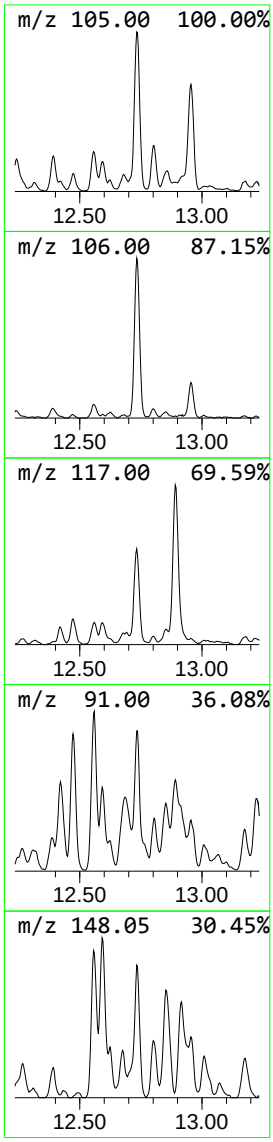
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	11.13 ug/L	230744	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	46
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	42
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	42
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	42
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

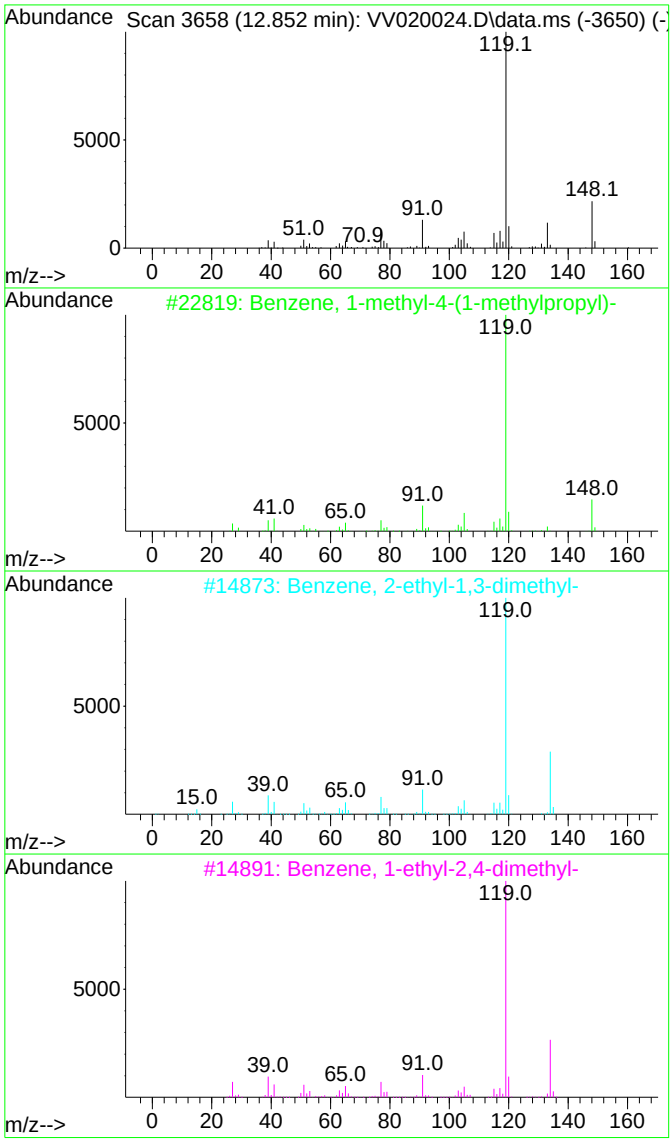
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

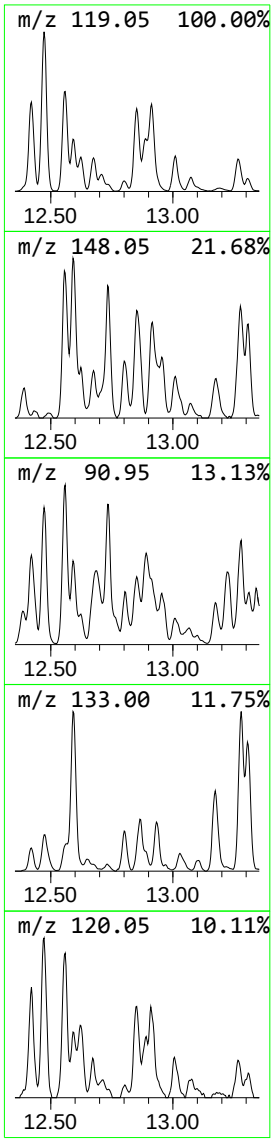
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1-methyl-4-(1-meth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.852	6.87 ug/L	142445	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

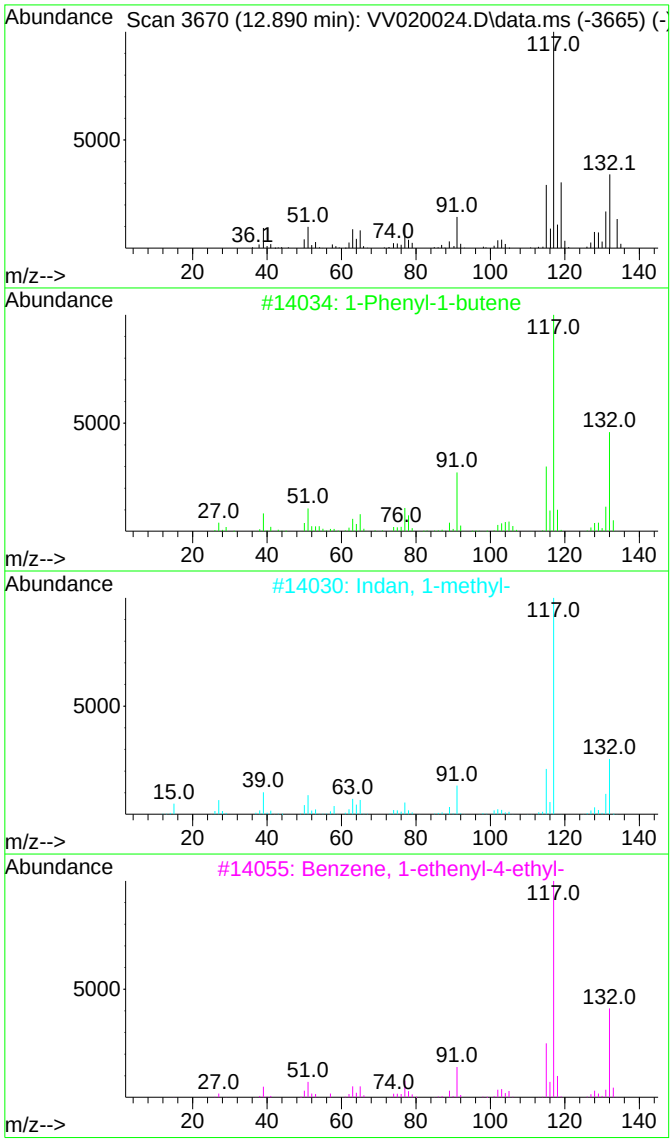
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

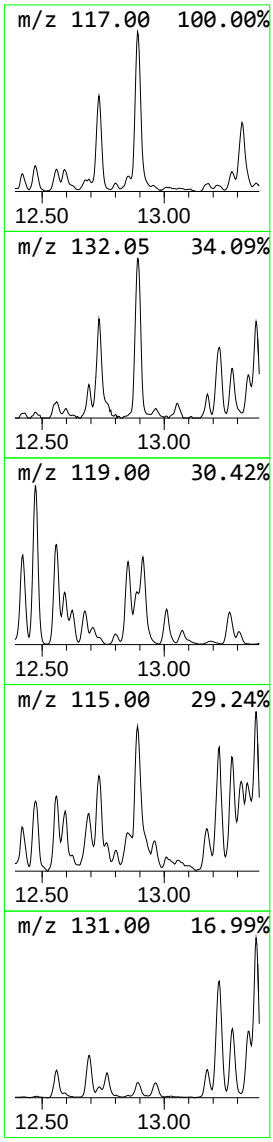
****

Peak Number 24 1-Phenyl-1-butene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.890	13.68 ug/L	283470	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	81
2	Indan, 1-methyl-	132	C10H12	000767-58-8	76
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
5	Indan, 1-methyl-	132	C10H12	000767-58-8	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

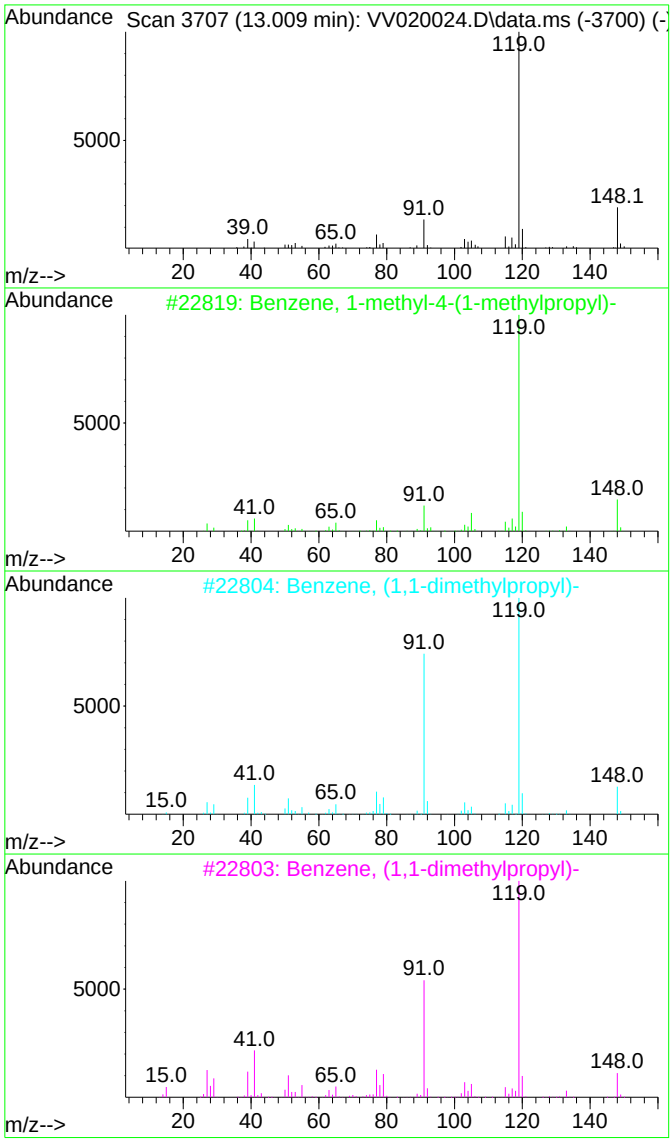
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

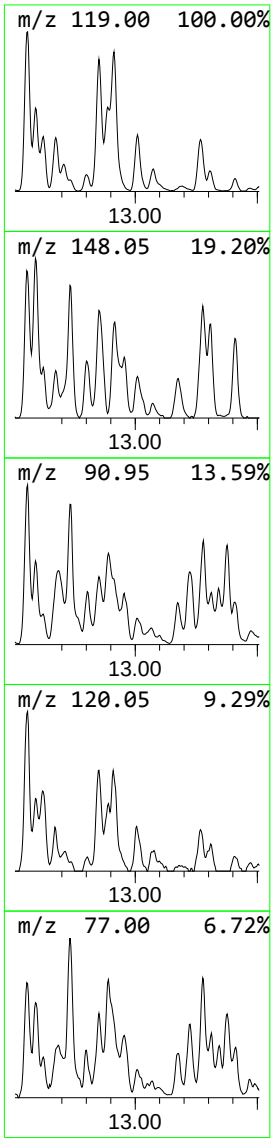
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 unknown-03 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.009	2.87 ug/L	59482	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	91
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	90
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

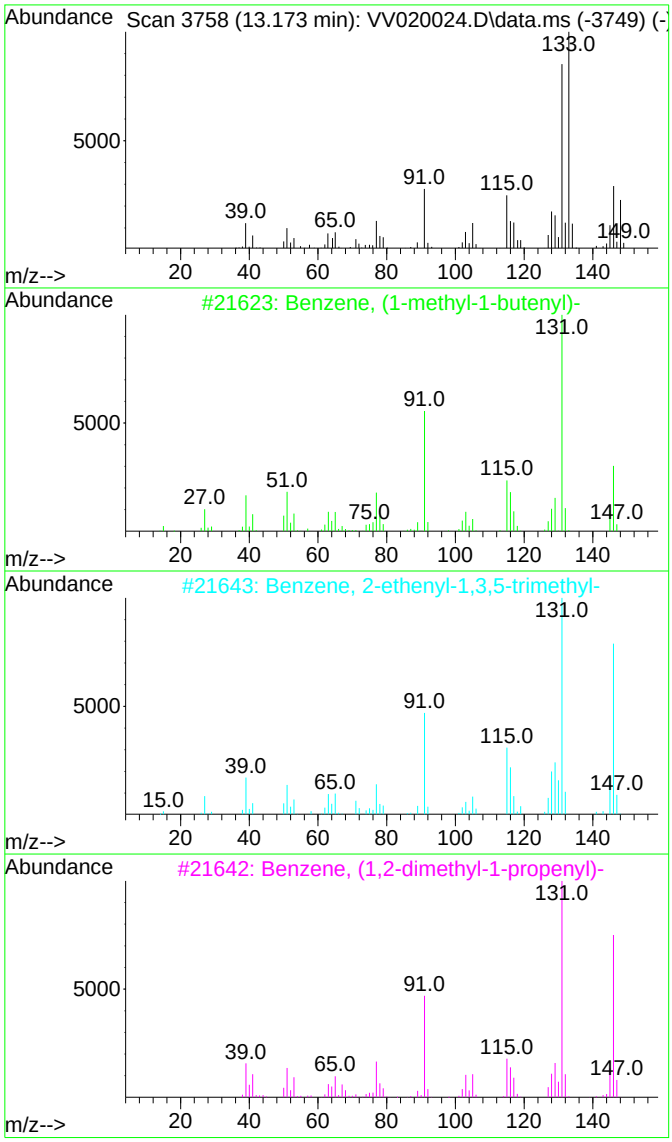
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

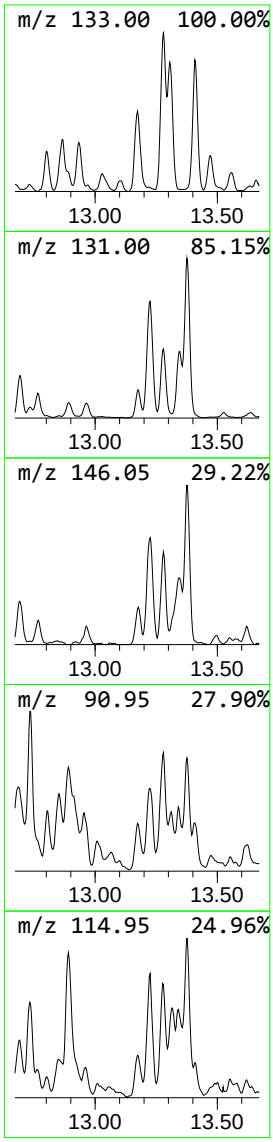
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, (1-methyl-1-butenyl)- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.173	6.37 ug/L	132040	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y3

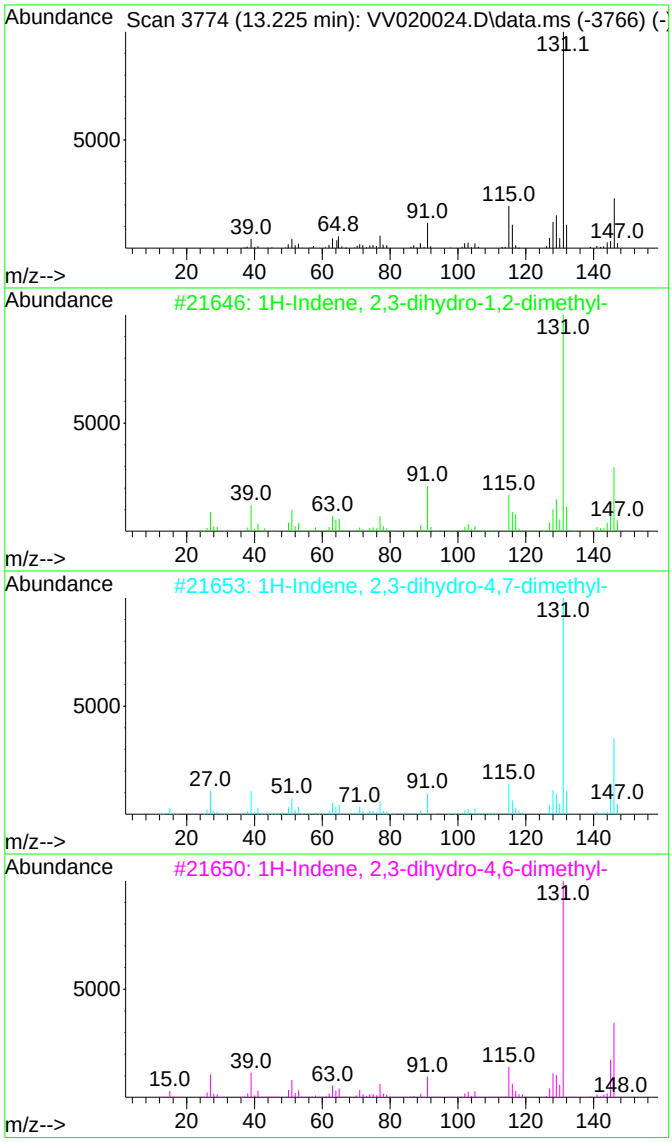
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

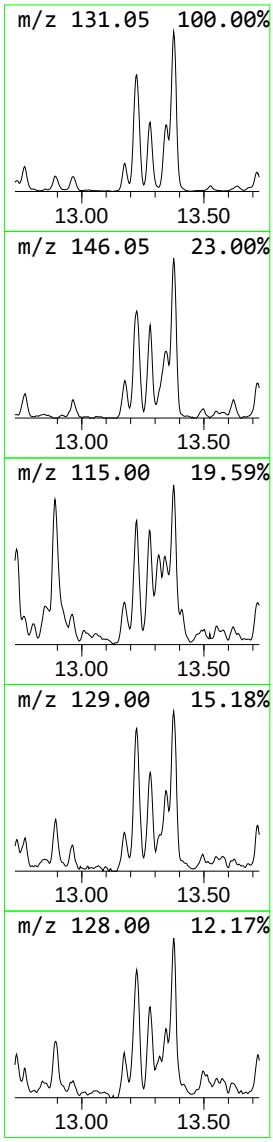
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.225	10.02 ug/L	207753	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

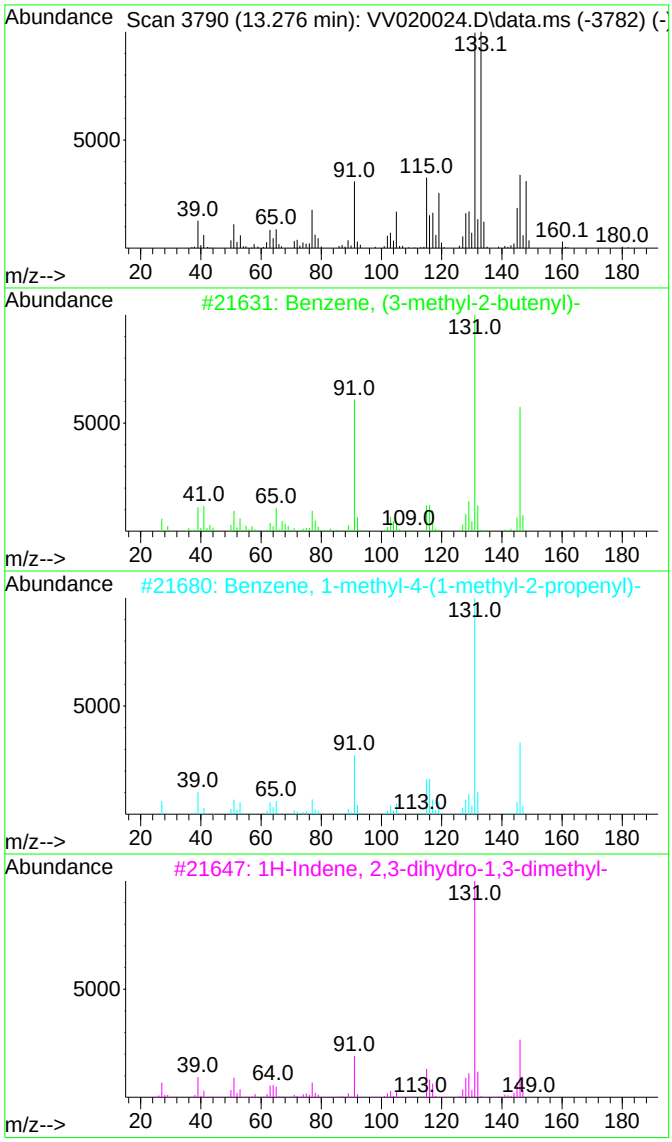
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

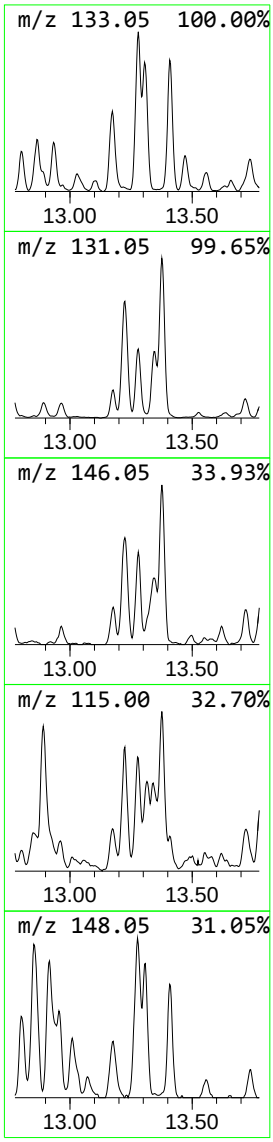
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, (3-methyl-2-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.276	13.30 ug/L	275677	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	50
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

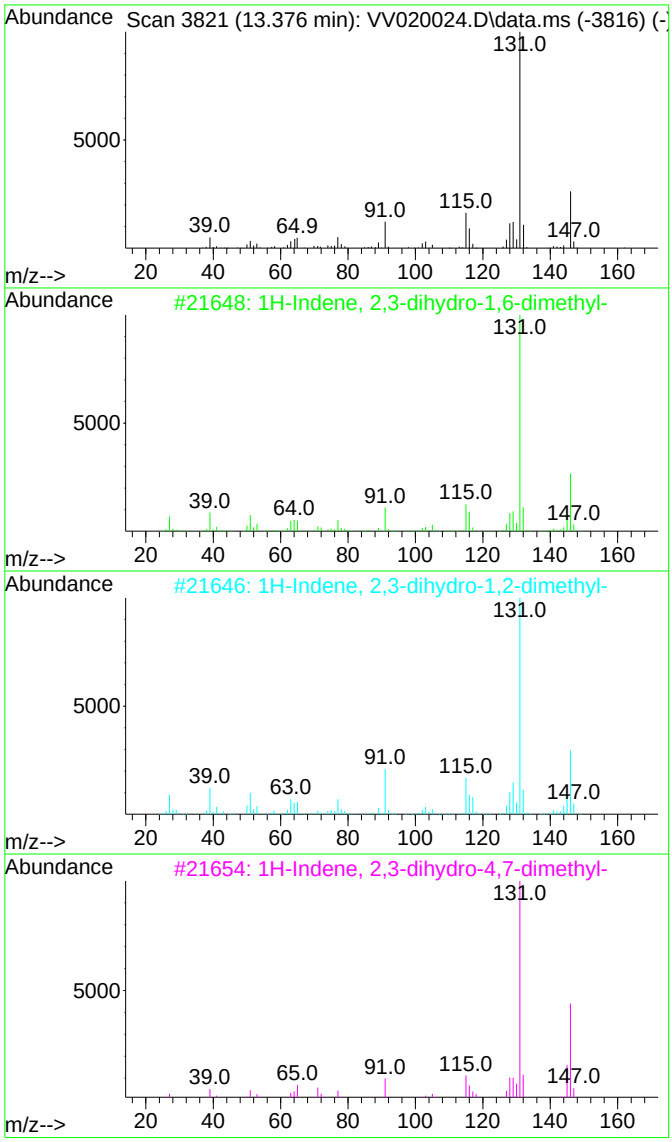
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

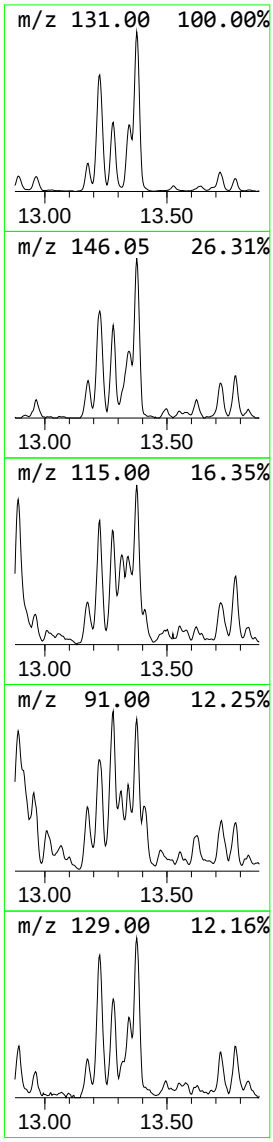
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.376	9.09 ug/L	188522	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	97
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

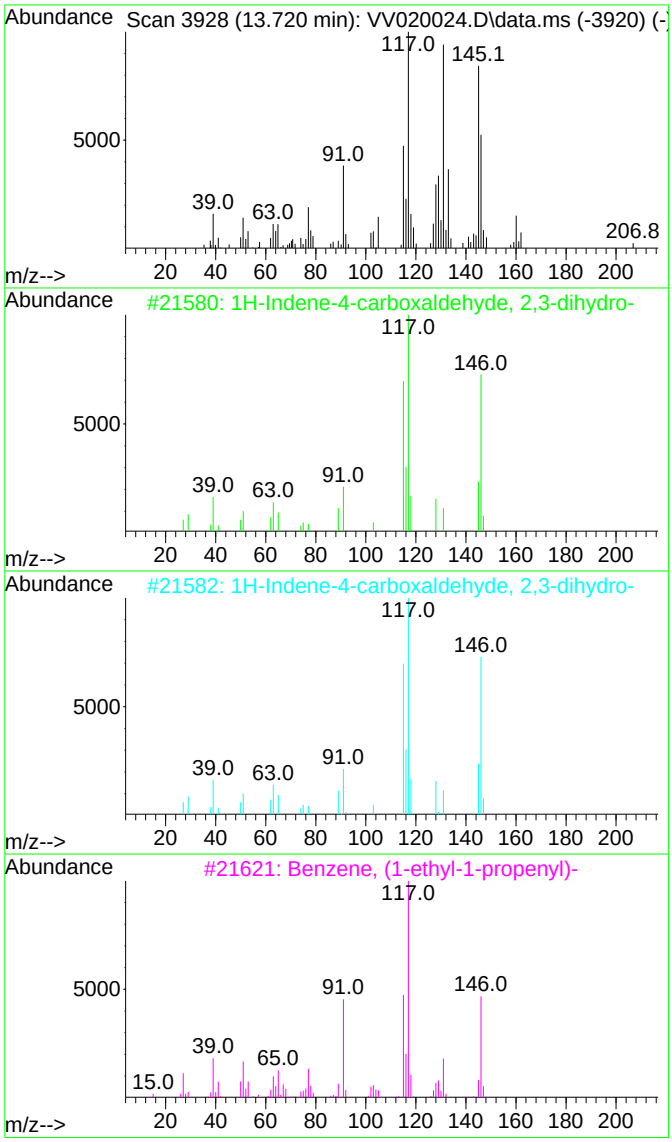
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

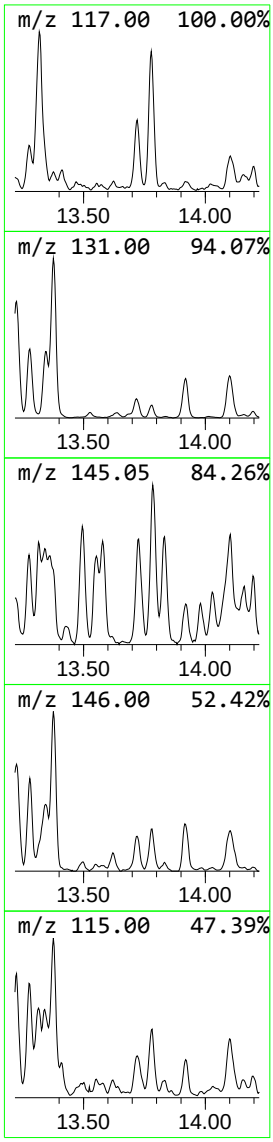
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1H-Indene-4-carboxaldehyde,... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.720	5.21 ug/L	107906	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	50
2	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	50
3	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	46
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	46
5	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

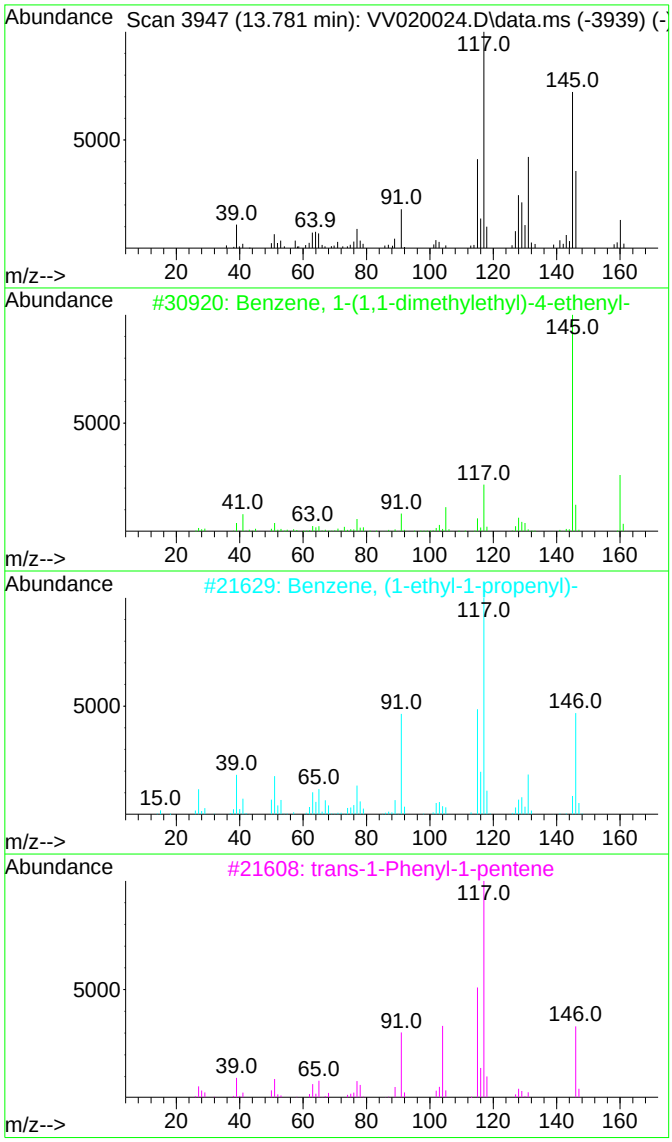
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

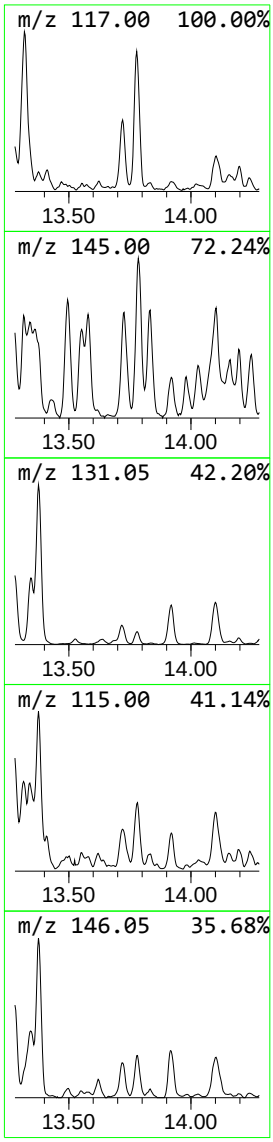
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 1-(1,1-dimethyleth... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.781	5.09 ug/L	105498	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	68
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	49
3	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	46
4	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	46
5	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y3

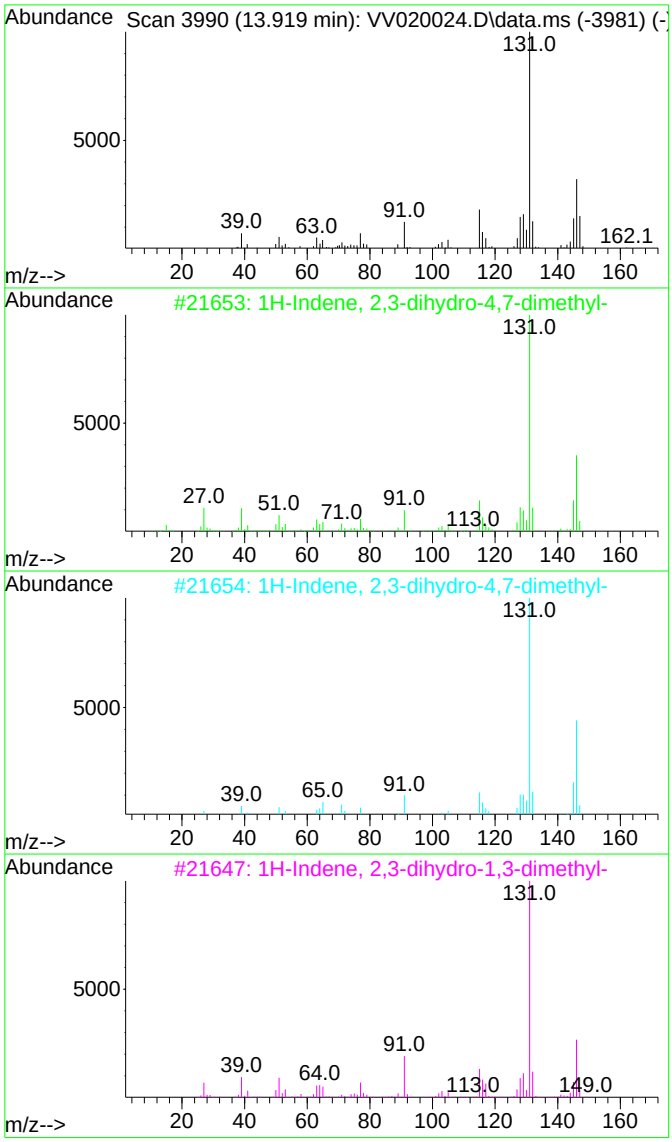
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

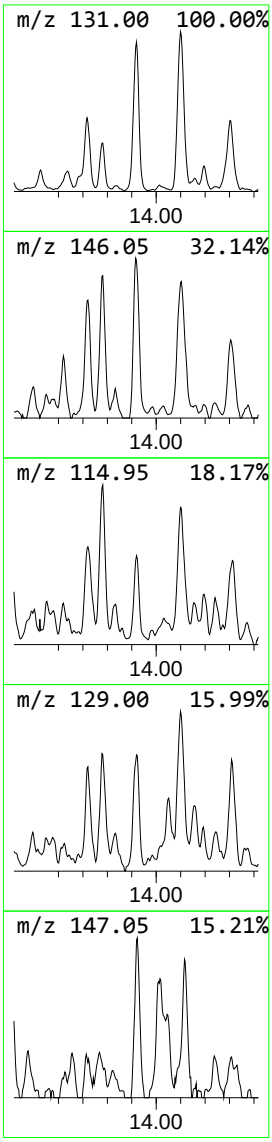
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.919	5.00 ug/L	103725	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	90
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y3

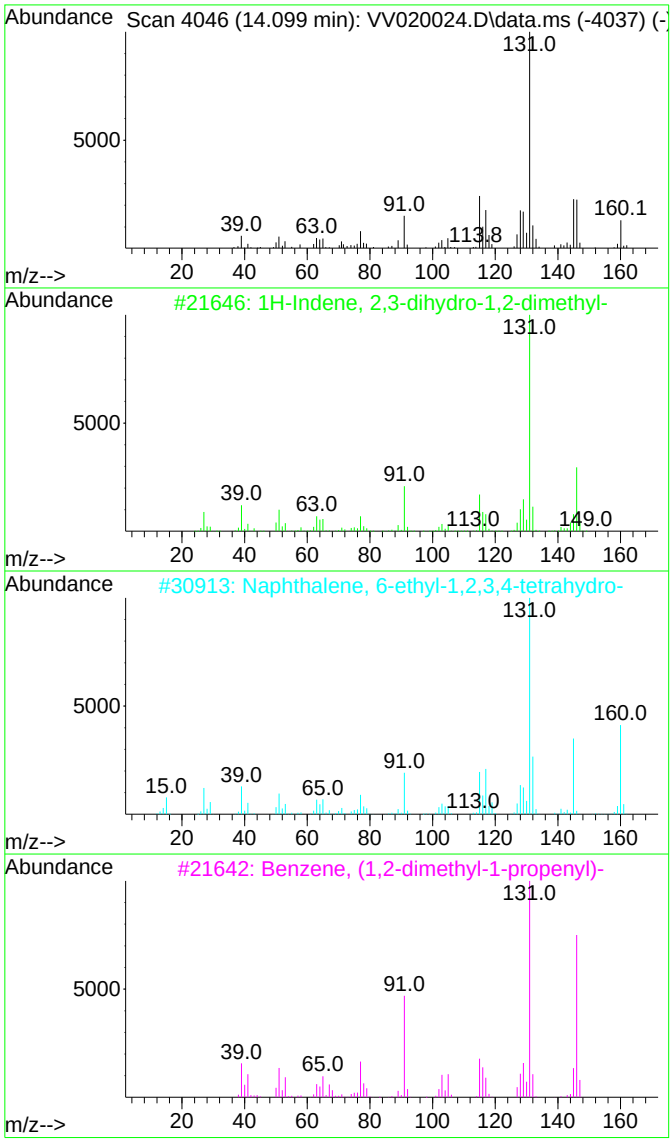
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

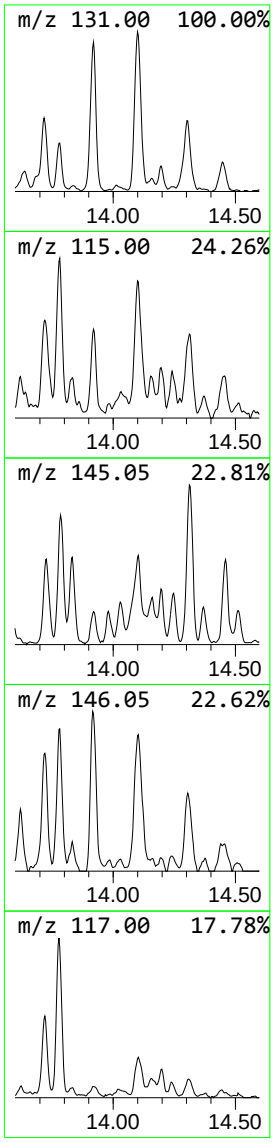
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Naphthalene, 6-ethyl-1,2,3,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.099	7.22 ug/L	149674	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	83
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

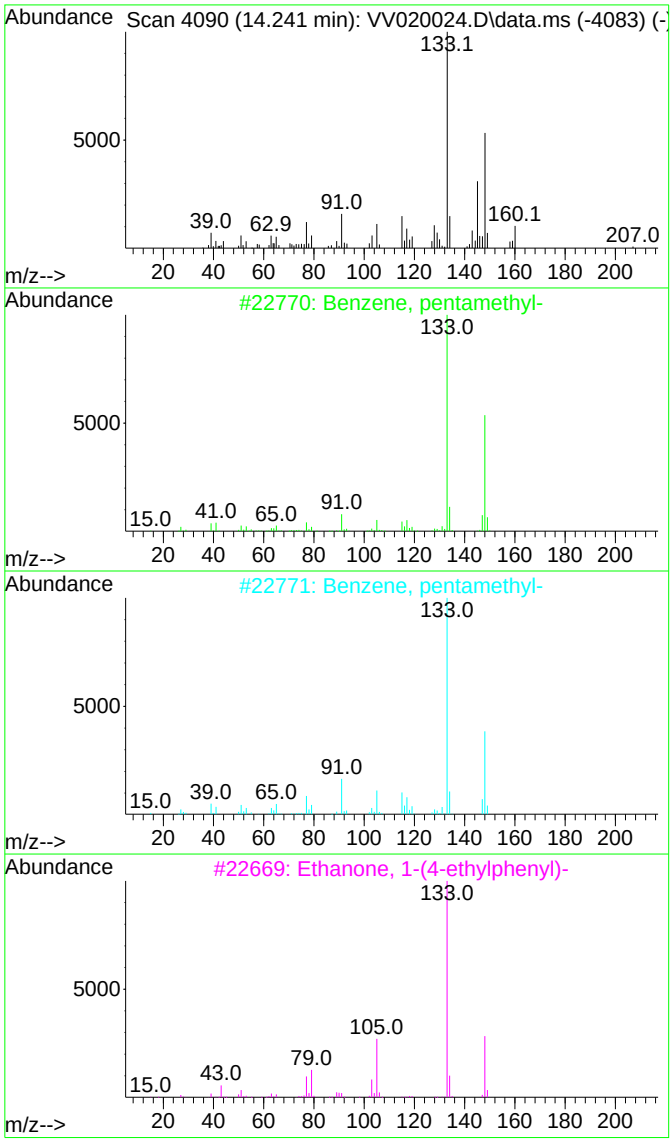
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

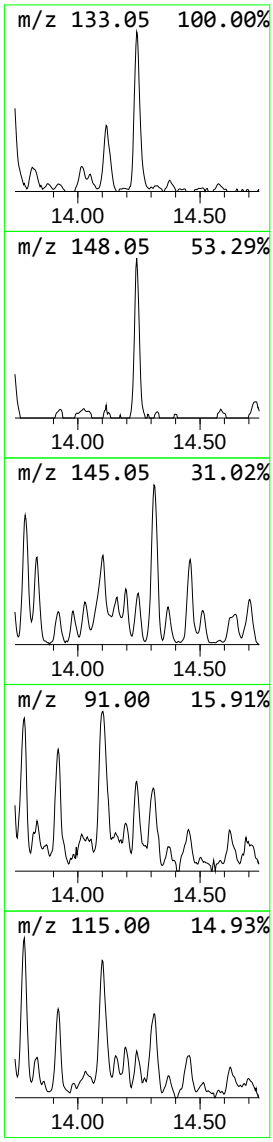
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, pentamethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.241	3.01 ug/L	62374	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
3	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	70
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	70
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

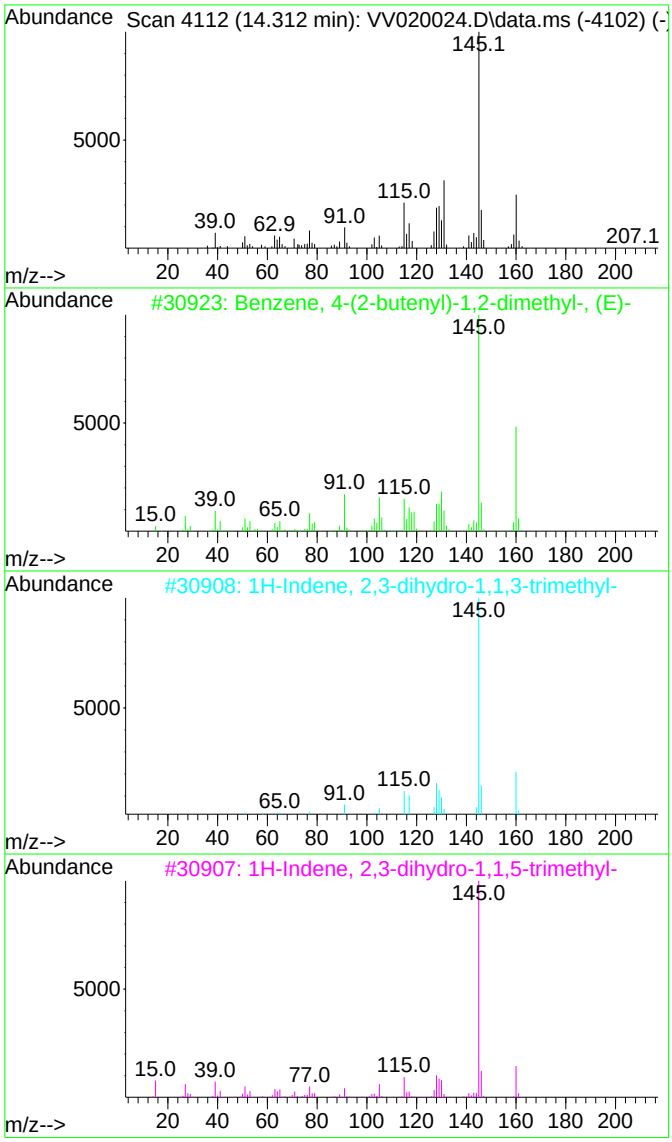
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

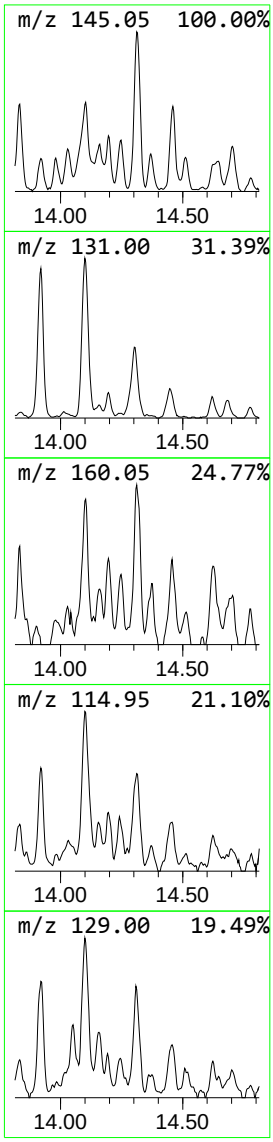
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.312	5.60 ug/L	116108	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	81
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	81
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	81
4	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	81
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y3

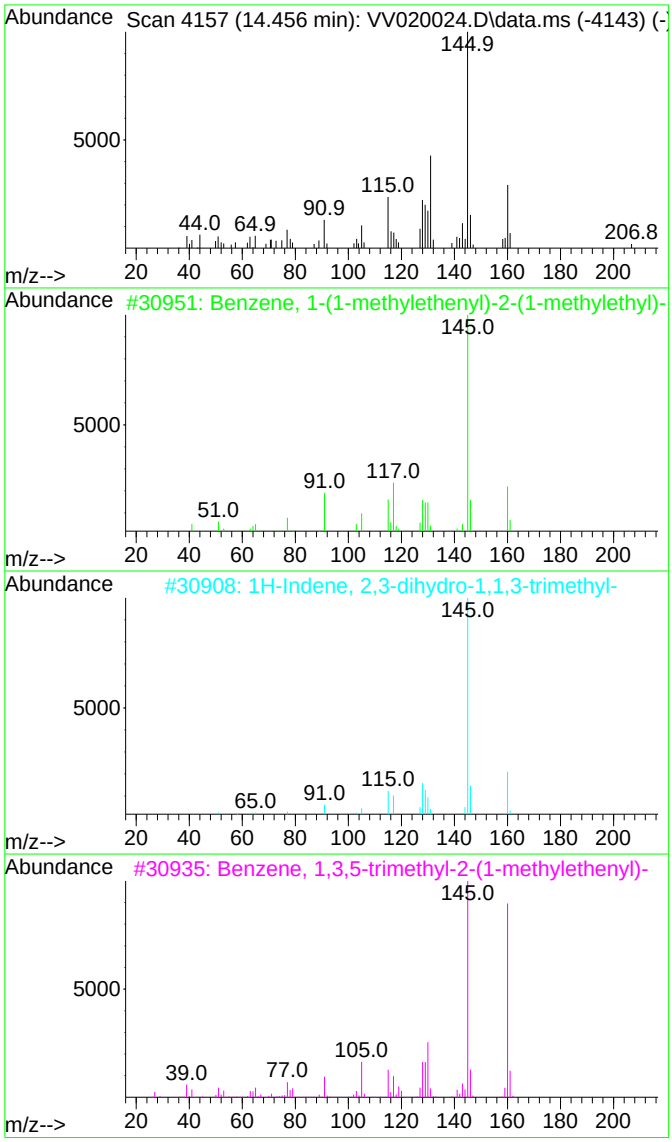
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

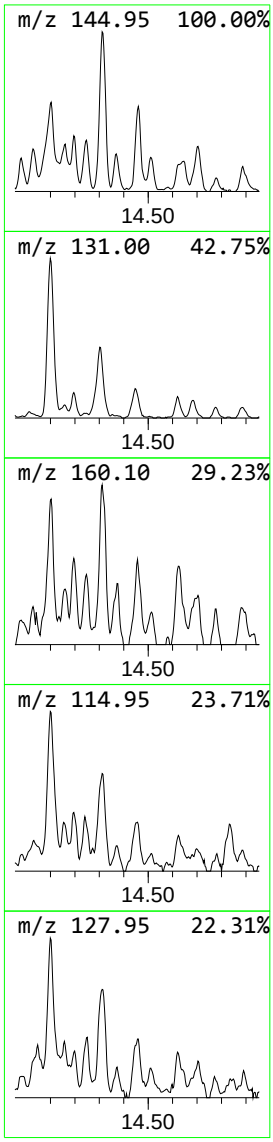
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzene, 1-(1-methylethenyl... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.456	2.97 ug/L	61525	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	89
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	81
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
4	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	62
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020024.D
Acq On : 15 Jan 2021 15:12
Operator : SY/MD
Sample : M1147-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.110	6.0	ug/L	91099	1	5.617	756607	50.0
(DEL) Alkane: S...	2.534	136.3	ug/L	2062910	1	5.617	756607	50.0
(DEL) Alkane: S...	2.762	250.2	ug/L	3786600	1	5.617	756607	50.0
(DEL) Alkane: S...	3.042	976.4	ug/L	14775100	1	5.617	756607	50.0
(DEL) Alkane: C...	3.765	740.1	ug/L	11198700	1	5.617	756607	50.0
unknown-01	5.910	2.5	ug/L	38570	1	5.617	756607	50.0
(DEL) Alkane: S...	6.656	3.3	ug/L	49593	1	5.617	756607	50.0
(DEL) Alkane: S...	6.778	4.8	ug/L	71881	1	5.617	756607	50.0
p-Cymene	11.199	2.9	ug/L	60024	3	11.254	1036420	50.0
Benzene, 1,3-di...	11.556	9.0	ug/L	186854	3	11.254	1036420	50.0
Benzene, 1-meth...	11.823	9.2	ug/L	191091	3	11.254	1036420	50.0
Benzene, 2-ethy...	11.919	8.4	ug/L	173982	3	11.254	1036420	50.0
o-Cymene	12.022	18.5	ug/L	382852	3	11.254	1036420	50.0
Benzene, 1-ethe...	12.125	7.0	ug/L	145086	3	11.254	1036420	50.0
Benzene, 1,4-di...	12.267	3.2	ug/L	65821	3	11.254	1036420	50.0
Benzene, 1,2,4,...	12.421	8.2	ug/L	168841	3	11.254	1036420	50.0
Benzene, 1,2,3,...	12.473	16.2	ug/L	335342	3	11.254	1036420	50.0
Benzene, 4-ethy...	12.559	13.7	ug/L	283232	3	11.254	1036420	50.0
Benzene, 1,3-di...	12.591	5.6	ug/L	115239	3	11.254	1036420	50.0
2,2-Dimethylind...	12.688	8.7	ug/L	179530	3	11.254	1036420	50.0
unknown-02	12.733	11.1	ug/L	230744	3	11.254	1036420	50.0
Benzene, 1-meth...	12.852	6.9	ug/L	142445	3	11.254	1036420	50.0
1-Phenyl-1-butene	12.890	13.7	ug/L	283470	3	11.254	1036420	50.0
unknown-03	13.009	2.9	ug/L	59482	3	11.254	1036420	50.0
Benzene, (1-met...	13.173	6.4	ug/L	132040	3	11.254	1036420	50.0
1H-Indene, 2,3-...	13.225	10.0	ug/L	207753	3	11.254	1036420	50.0
Benzene, (3-met...	13.276	13.3	ug/L	275677	3	11.254	1036420	50.0
1H-Indene, 2,3-...	13.376	9.1	ug/L	188522	3	11.254	1036420	50.0
1H-Indene-4-car...	13.720	5.2	ug/L	107906	3	11.254	1036420	50.0
Benzene, 1-(1,1...	13.781	5.1	ug/L	105498	3	11.254	1036420	50.0
1H-Indene, 2,3-...	13.919	5.0	ug/L	103725	3	11.254	1036420	50.0
Naphthalene, 6-...	14.099	7.2	ug/L	149674	3	11.254	1036420	50.0
Benzene, pentam...	14.241	3.0	ug/L	62374	3	11.254	1036420	50.0
Benzene, 4-(2-b...	14.312	5.6	ug/L	116108	3	11.254	1036420	50.0
Benzene, 1-(1-m...	14.456	3.0	ug/L	61525	3	11.254	1036420	50.0