LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

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\SOMVLM122820WMA.M
Title : VOC Analysis

Signal : TIC

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	13	rVB	24162	20734	0.31%	0.039%
2	1.309	61	68	81	rVB	333621	333063	4.95%	0.622%
3	1.569	142	149	161	rVV	261291	292426	4.35%	0.546%
4	1.634	163	169	185	rVB	72411	92854	1.38%	0.173%
5	1.807	217	223	233	rVB	38091	48340	0.72%	0.090%
6	2.110	307	317	346	rVB	526596	833093	12.39%	1.556%
7	2.306	371	378	380	rBV6	1873	2113	0.03%	0.004%
8	2.502	424	439	444	rBV	183688	341963	5.09%	0.639%
9	2.656	484	487	493	rBV7	857	1053	0.02%	0.002%
10	2.766	508	521	540	rVB2	142288	279927	4.16%	0.523%
11	2.939	567	575	576	rBV7	1891	1905	0.03%	0.004%
12	3.045	597	608	620	rVV2	14310	28326	0.42%	0.053%
13	3.283	670	682	697	rVB3	14838	33322	0.50%	0.062%
14	3.373	697	710	723	rBV6	9717	22505	0.33%	0.042%
15	3.547	754	764	767	rBV6	3505	5968	0.09%	0.011%
16	3.672	787	803	819	rBV	276936	716389	10.66%	1.338%
17	3.769	820	833	850	rVB	149619	370560	5.51%	0.692%
18	3.910	859	877	905	rVB2	238854	907359	13.50%	1.694%
19	4.354	998	1015	1051	rBV	355533	940488	13.99%	1.756%
20	4.582	1081	1086	1087	rBV4	2353	2028	0.03%	0.004%
21	4.682	1101	1117	1128	rBV3	108796	268904	4.00%	0.502%
22	4.769	1129	1144	1174	rVB	920319	2346869	34.91%	4.382%
23	4.913	1174	1189	1215	rBV5	41463	135399	2.01%	0.253%
24	5.052	1215	1232	1260	rBV2	867136	2265817	33.70%	4.231%
25	5.183	1263	1273	1276	rVV4	64608	118127	1.76%	0.221%
26	5.238	1278	1290	1307	rVV	566780	1446538	21.52%	2.701%
27	5.325	1311	1317	1334	rVB3	51196	109984	1.64%	0.205%
28	5.495	1357	1370	1383	rBV7	12791	28863	0.43%	0.054%
29	5.621	1393	1409	1449	rBV	675438	1608703	23.93%	3.004%
30	5.846	1471	1479	1488	rBV4	13529	23391	0.35%	0.044%
31	5.933	1491	1506	1525	rVB9	79469	250786	3.73%	0.468%
32	6.074	1537	1550	1581	rBV	505834	1300299	19.34%	2.428%
33	6.206	1581	1591	1599	rBV3	51918	95362	1.42%	0.178%
34	6.264	1601	1609	1617	rBV2	44172	74873	1.11%	0.140%

LSC Area Percent Report

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Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

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\SOMVLM122820WMA.M
Title : VOC Analysis

35	6.463	1666	1671	1687	rVB6	16599	31217	0.46%	0.058%
36	6.556	1687	1700	1702	rBV3	36063	59028	0.88%	0.110%
37	6.659	1718	1732	1749	rVB	517029	1031690	15.35%	1.926%
38	6.781	1754	1770	1785	rBV	843396	1795744	26.71%	3.353%
39	6.990	1825	1835	1847	rBV	279101	480756	7.15%	0.898%
40	7.174	1882	1892	1907	rVB2	96963	183233	2.73%	0.342%
41	7.267	1909	1921	1928	rBV2	112970	218823	3.26%	0.409%
42	7.322	1928	1938	1956	rVB	1014631	1745865	25.97%	3.260%
43	7.627	2016	2033	2051	rBV	185950	373682	5.56%	0.698%
44	7.849	2093	2102	2110	rBV	96744	163014	2.42%	0.304%
45	7.981	2127	2143	2155	rBV	260645	433349	6.45%	0.809%
46	8.093	2168	2178	2191	rBV	597677	1031243	15.34%	1.926%
47	8.518	2300	2310	2320	rVB5	30490	53552	0.80%	0.100%
48	8.556	2320	2322	2325	rVB3	1993	996	0.01%	0.002%
49	8.614	2325	2340	2341	rBV3	9812	18579	0.28%	0.035%
50	8.762	2381	2386	2397	rVB7	12830	18027	0.27%	0.034%
51	8.855	2404	2415	2429	rBV	1009832	1643036	24.44%	3.068%
52	9.148	2499	2506	2519	rVB	91568	145145	2.16%	0.271%
53	9.556	2626	2633	2642	rBV6	8557	13452	0.20%	0.025%
54	9.936	2740	2751	2770	rBV	397303	639849	9.52%	1.195%
55	10.222	2827	2840	2857	rBV	654612	1017349	15.13%	1.900%
56	10.360	2872	2883	2896	rBV	570922	876965	13.04%	1.637%
57	10.479	2912	2920	2930	rVB	123122	183512	2.73%	0.343%
58	10.543	2930	2940	2958	rVB	318259	488241	7.26%	0.912%
59	10.743	2992	3002	3020	rVB	168354	260822	3.88%	0.487%
60	10.871	3033	3042	3047	rBV3	15460	25098	0.37%	0.047%
61	10.920	3047	3057	3073	rVB	908049	1336128	19.88%	2.495%
62	11.064	3092	3102	3106	rBV2	78119	121748	1.81%	0.227%
63	11.093	3107	3111	3125	rVB	128914	182787	2.72%	0.341%
64	11.257	3151	3162	3179	rBV	1087596	1665083	24.77%	3.109%
65	11.344	3180	3189	3202	rVB	165022	248703	3.70%	0.464%
66	11.460	3216	3225	3234	rBV	71544	111172	1.65%	0.208%
67	11.537	3236	3249	3268	rVV2	3827193	6722619	100.00%	12.552%
68	11.633	3268	3279	3301	rVB2	1335063	2204000	32.78%	4.115%
69	11.752	3307	3316	3327	rVV	171333	260431	3.87%	0.486%
70	11.820	3329	3337	3348	rVB4	61671	100335	1.49%	0.187%
71	11.919	3358	3368	3383	rBV2	49961	89297	1.33%	0.167%

LSC Area Percent Report

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Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

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\SOMVLM122820WMA.M
Title : VOC Analysis

72	12.022	3387	3400	3408	rBV	707839	1126734	16.76%	2.104%
73	12.122	3420	3431	3451	rBV	1778138	2949494	43.87%	5.507%
74	12.305	3480	3488	3501	rVB2	49559	84291	1.25%	0.157%
75	12.421	3508	3524	3534	rBV	639687	975714	14.51%	1.822%
76	12.476	3534	3541	3557	rVB2	48788	94545	1.41%	0.177%
77	12.559	3557	3567	3578	rBV	80744	125069	1.86%	0.234%
78	12.691	3598	3608	3612	rBV4	65312	105830	1.57%	0.198%
79	12.733	3612	3621	3642	rVB	879912	1374488	20.45%	2.566%
80	12.890	3657	3670	3682	rBV	2218942	3367229	50.09%	6.287%
81	12.955	3684	3690	3702	rVB2	136341	223905	3.33%	0.418%
82	13.058	3714	3722	3741	rVB5	158383	294329	4.38%	0.550%
83	13.225	3750	3774	3783	rBV2	178960	378523	5.63%	0.707%
84	13.280	3783	3791	3798	rBV	115453	163813	2.44%	0.306%
85	13.511	3850	3863	3870	rBV2	26788	52753	0.78%	0.099%
86	13.620	3890	3897	3910	rVB3	20479	34437	0.51%	0.064%
87	13.720	3918	3928	3939	rBV5	49027	98059	1.46%	0.183%
88	13.778	3939	3946	3956	rVB2	61727	93359	1.39%	0.174%
89	13.919	3979	3990	4006	rBV2	66517	112118	1.67%	0.209%
90	13.990	4006	4012	4013	rBV6	2415	2526	0.04%	0.005%
91	14.099	4037	4046	4058	rBV2	52409	100154	1.49%	0.187%
92	14.241	4081	4090	4101	rBV3	41641	76866	1.14%	0.144%
93	14.302	4102	4109	4123	rVB2	48625	82207	1.22%	0.153%
94	14.447	4143	4154	4165	rVV9	18808	37256	0.55%	0.070%
95	14.585	4187	4197	4206	rBV	34584	59492	0.88%	0.111%
96	14.826	4262	4272	4285	rBV2	119504	201938	3.00%	0.377%
97	14.997	4318	4325	4328	rBV5	4208	5419	0.08%	0.010%
98	15.209	4387	4391	4399	rVB8	5823	7263	0.11%	0.014%
99	15.344	4425	4433	4436	rBV9	2561	3434	0.05%	0.006%
100	15.813	4575	4579	4581	rBV4	2769	1944	0.03%	0.004%

Sum of corrected areas: 53556090

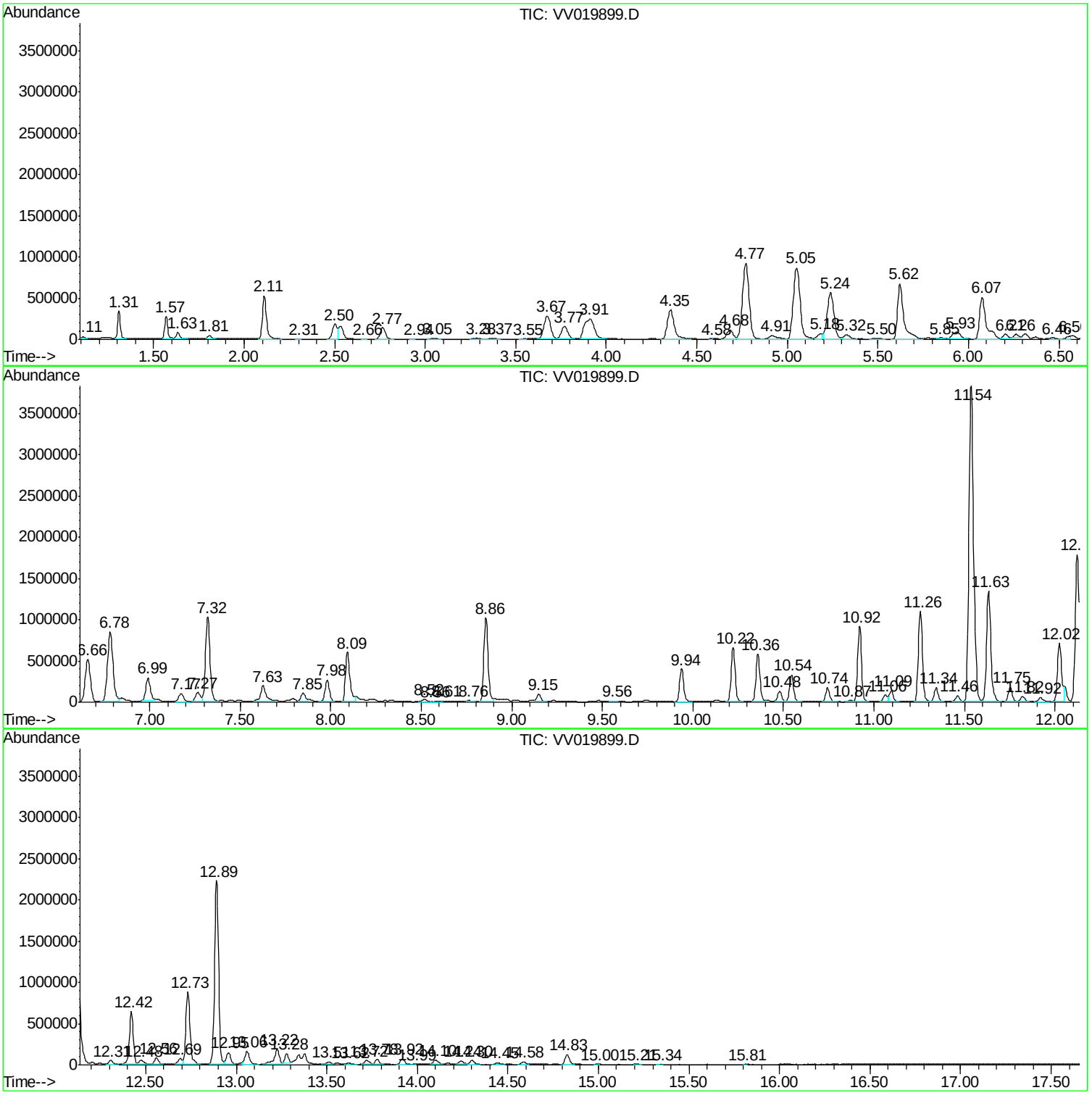
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

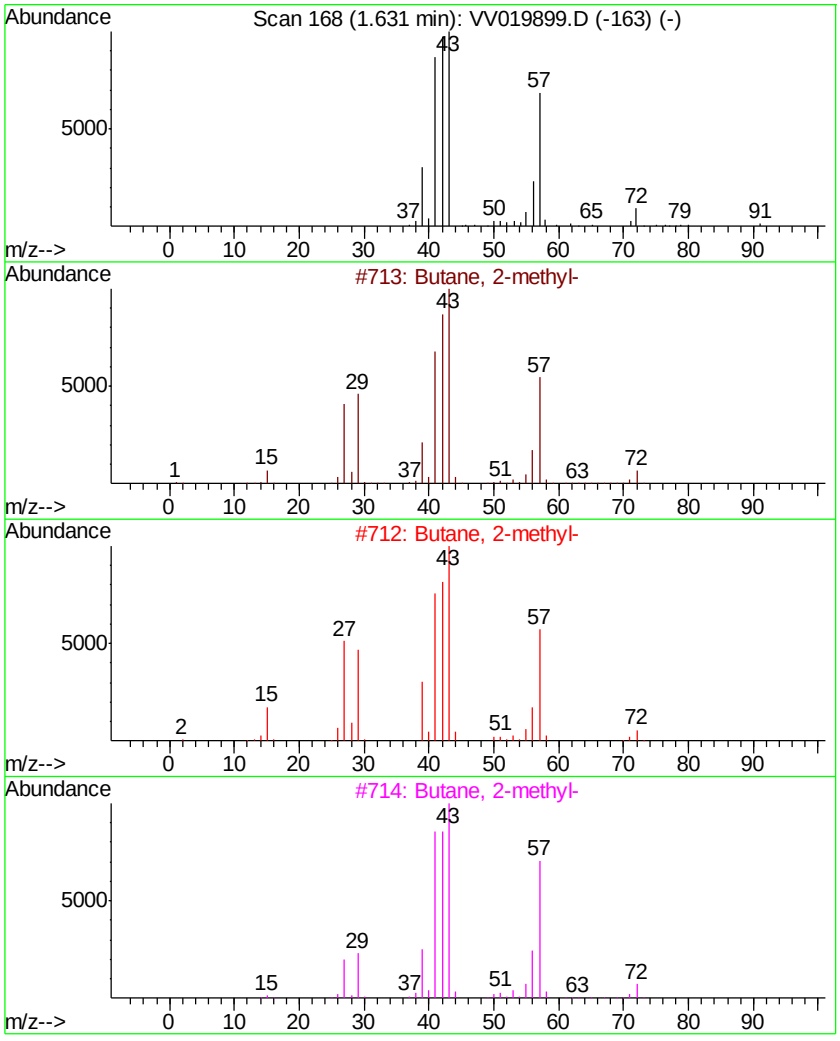
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

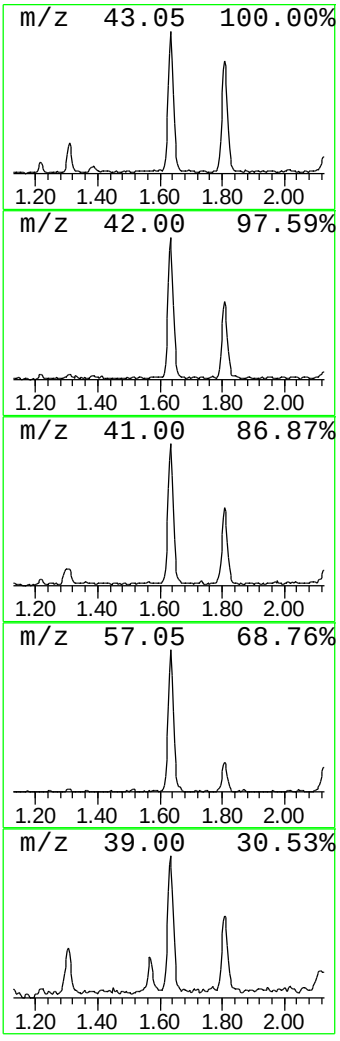
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.63	2.89 ug/L	92854	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	90
3	Butane, 2-methyl-	72	C5H12	000078-78-4	80
4	1-Butene	56	C4H8	000106-98-9	10
5	Pentane	72	C5H12	000109-66-0	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

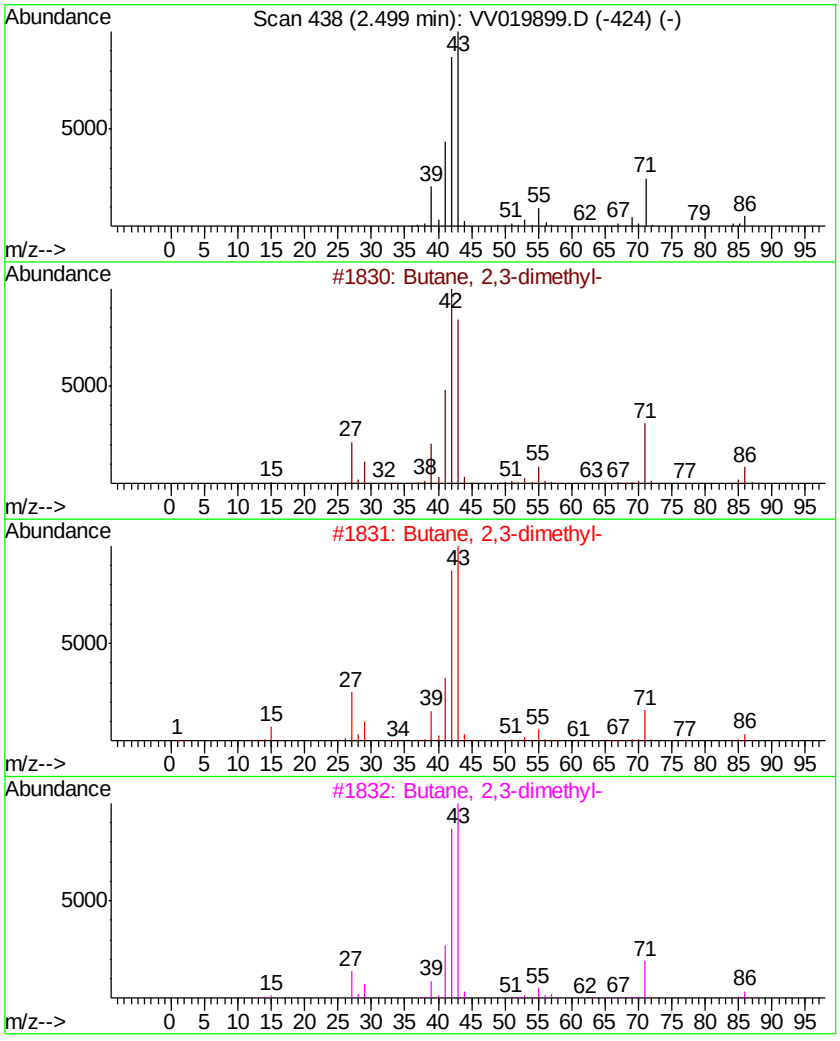
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

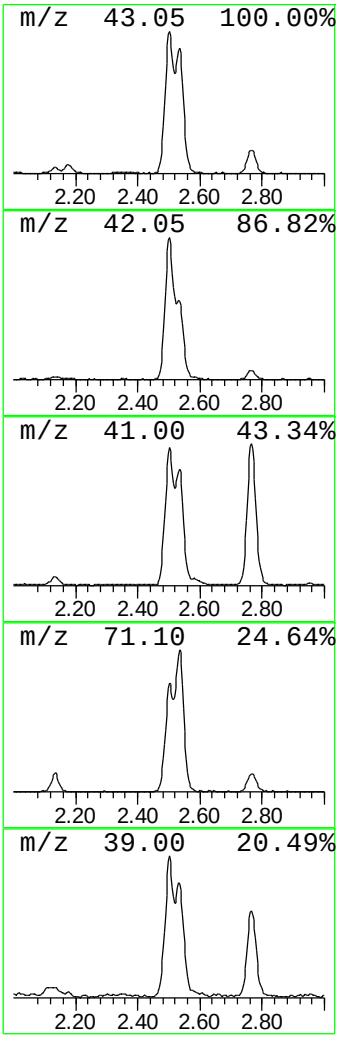
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.50	10.63 ug/L	341963	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	78
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	64
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	47
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	46





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

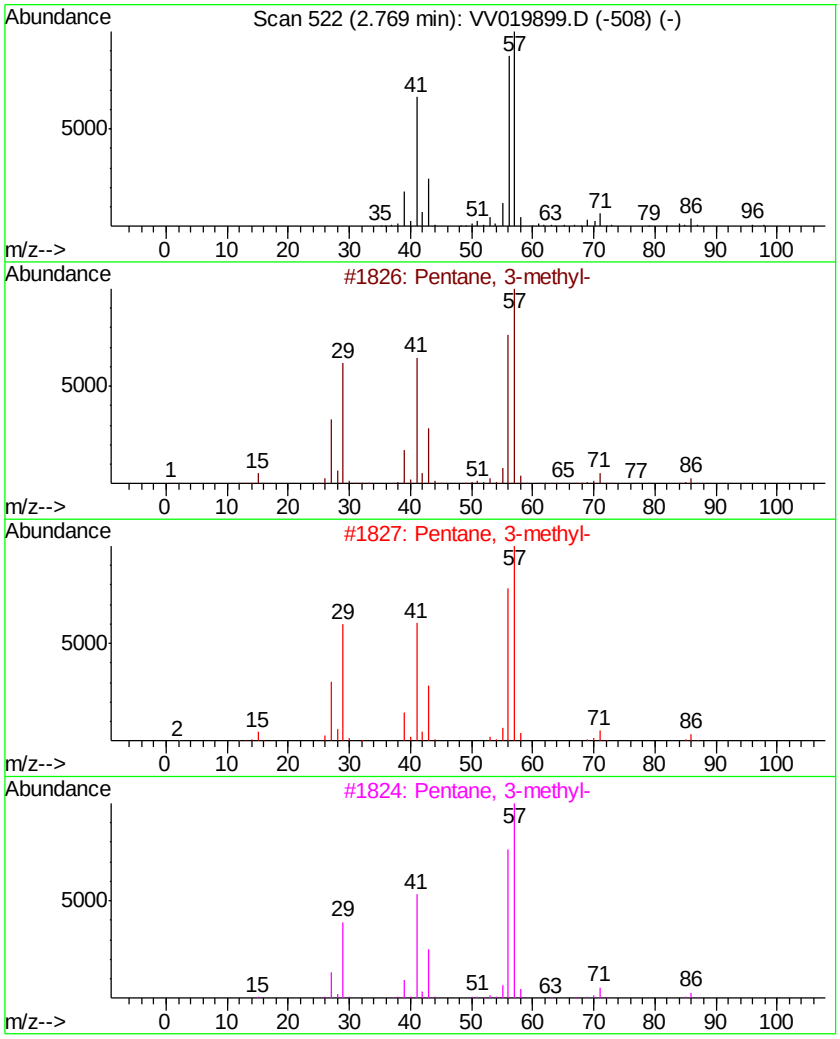
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

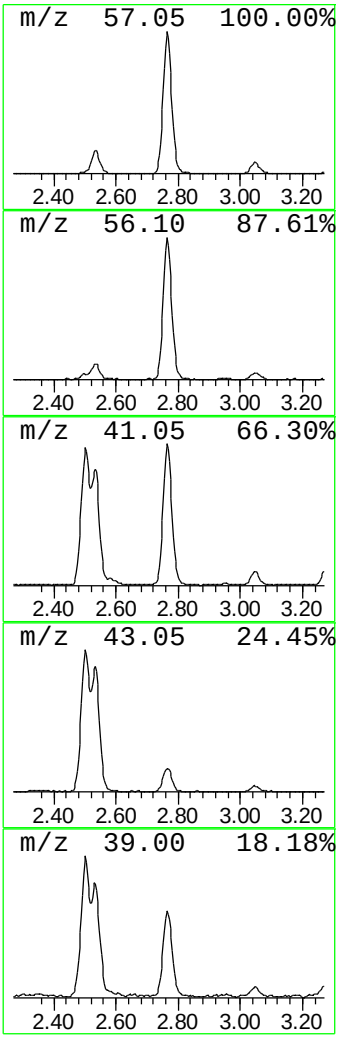
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	8.70 ug/L	279927	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	83
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

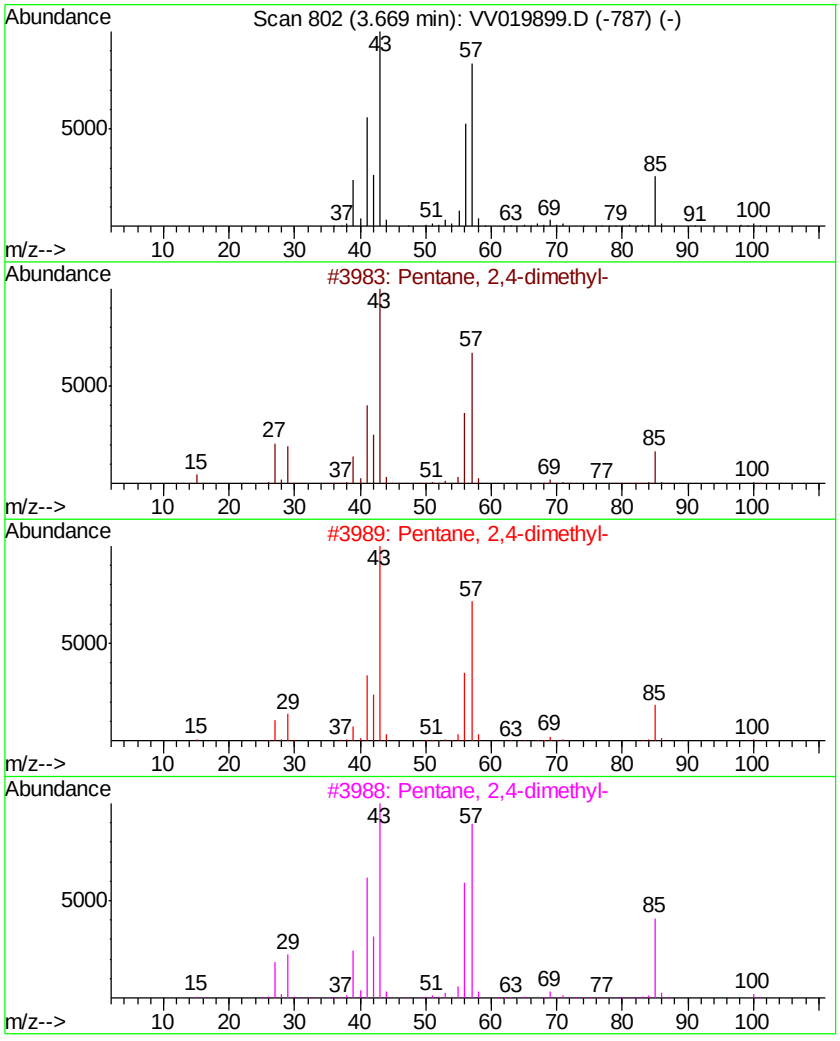
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

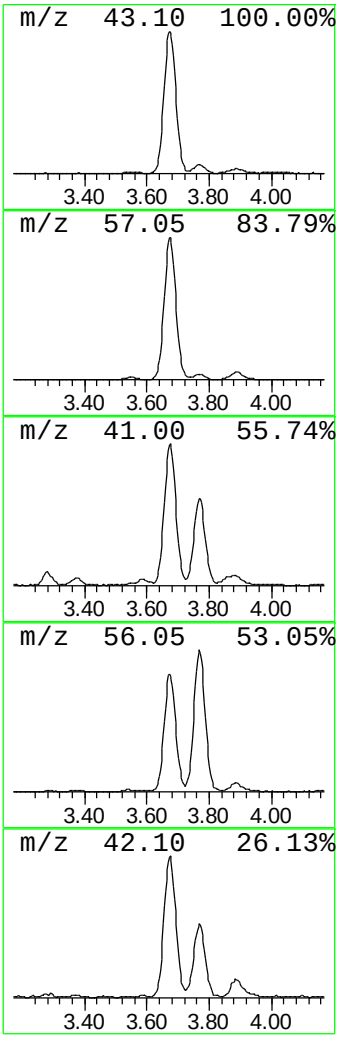
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.67	22.27 ug/L	716389	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	87
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

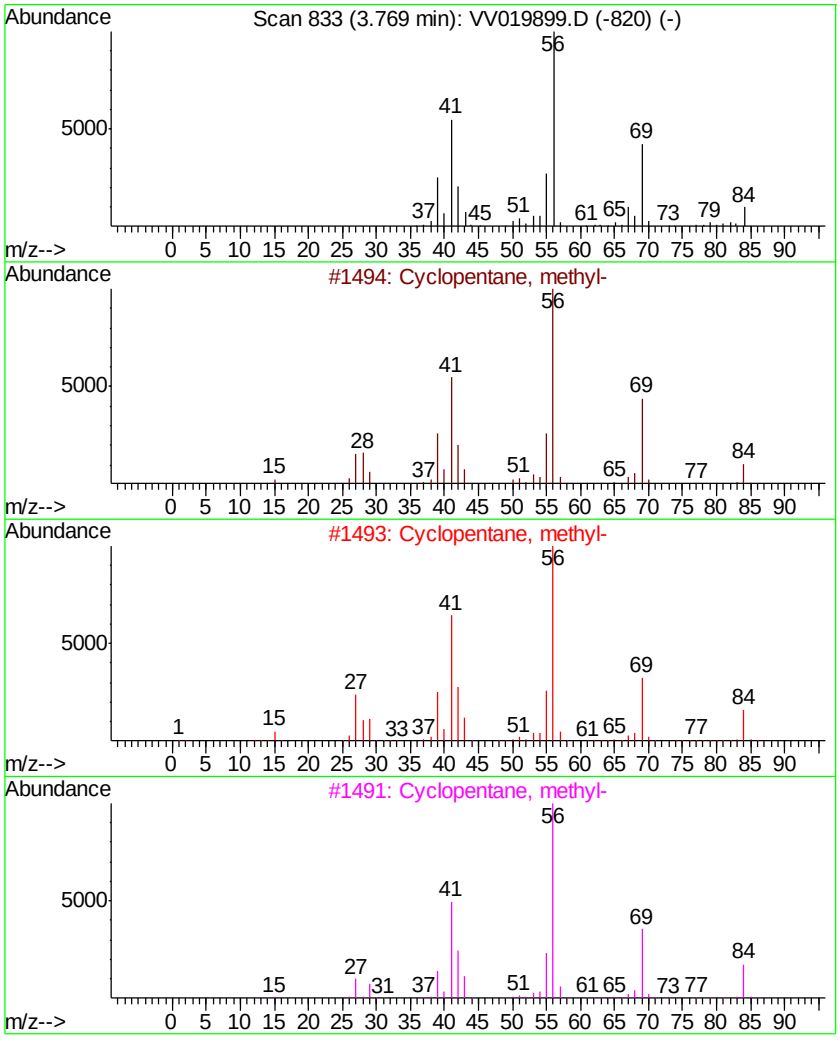
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

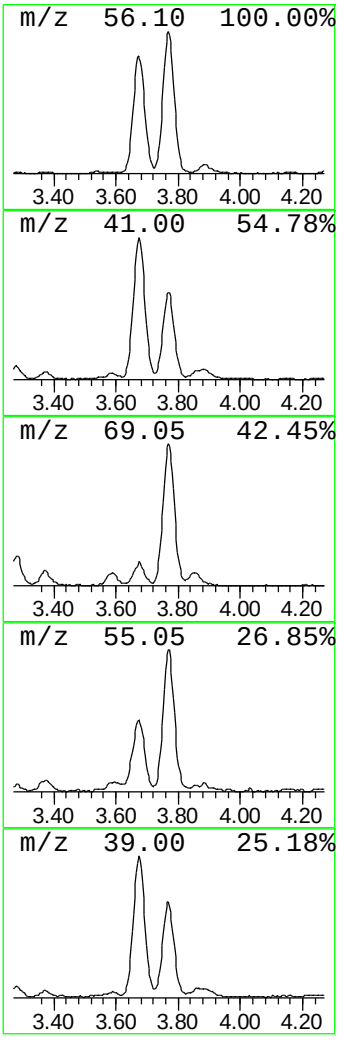
****

Peak Number 5 (DEL) Alkane: Cyclic3.77 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	11.52 ug/L	370560	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50





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Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

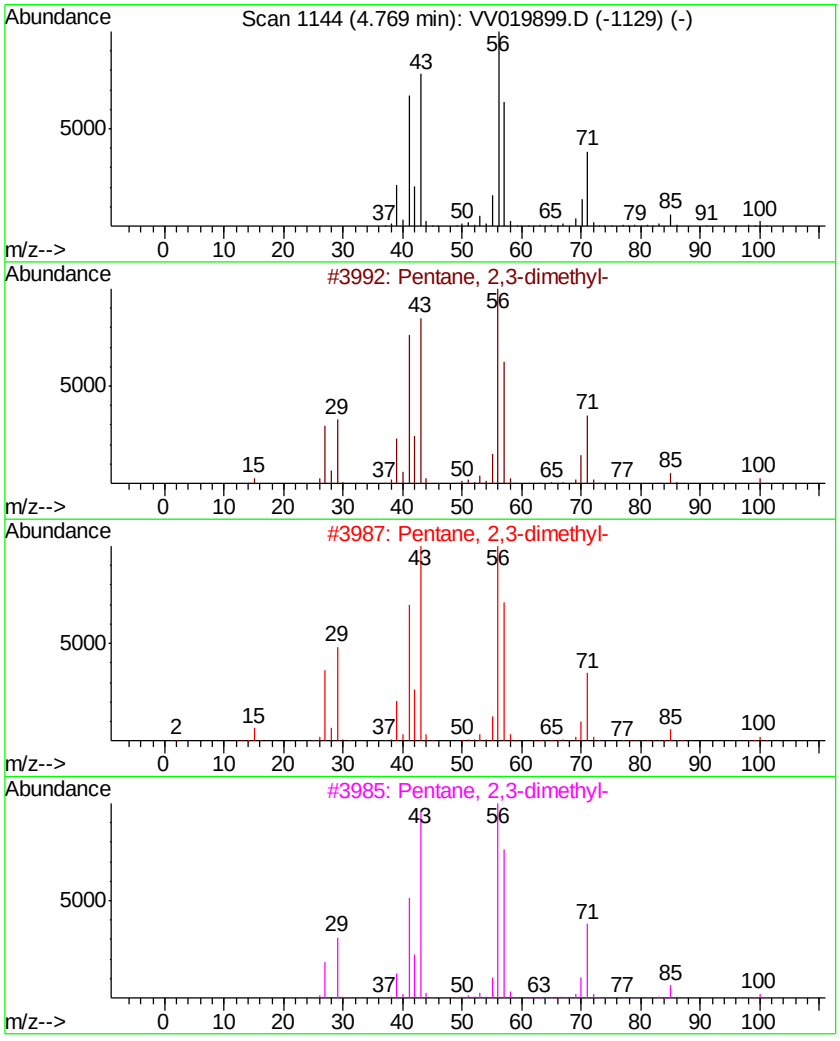
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

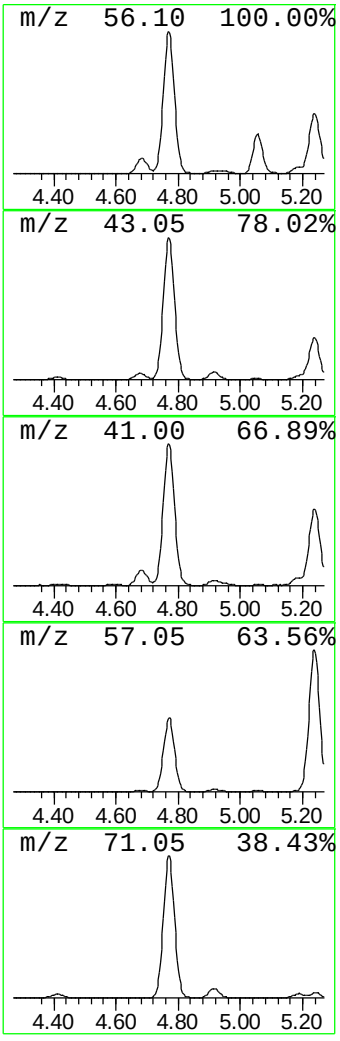
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	72.94 ug/L	2346870	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	95
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	45





Library Search Compound Report

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Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

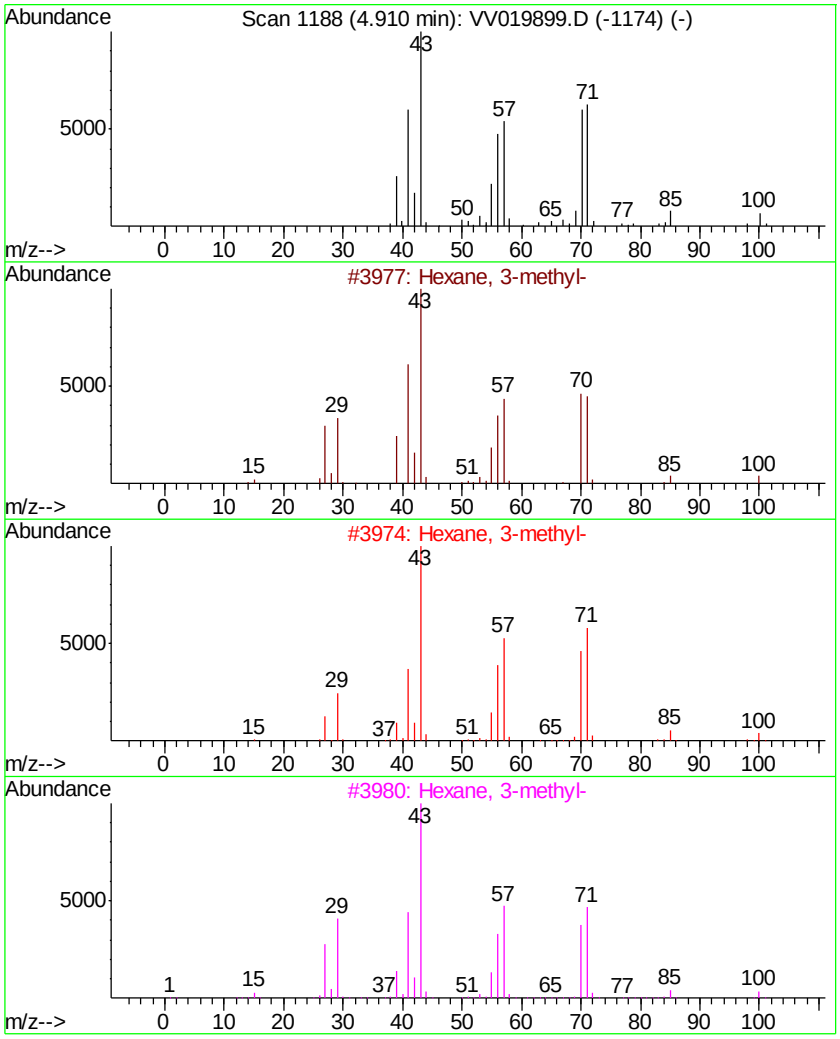
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

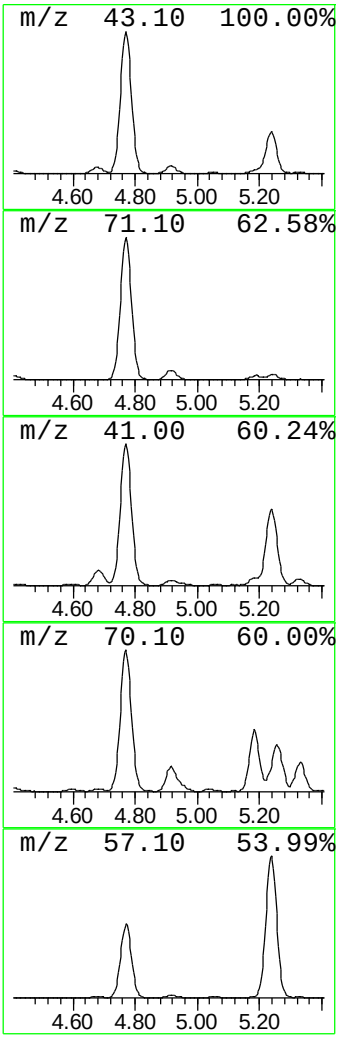
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	4.21 ug/L	135399	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	72
5	Heptane	100	C7H16	000142-82-5	64





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Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

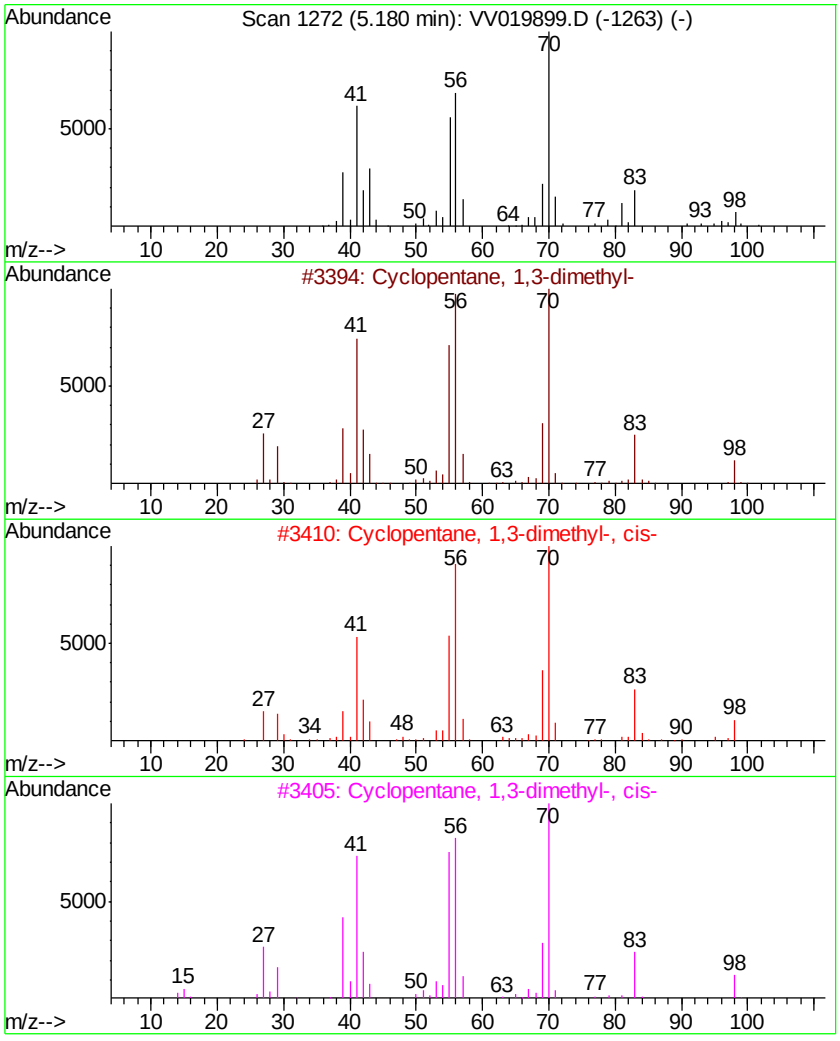
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

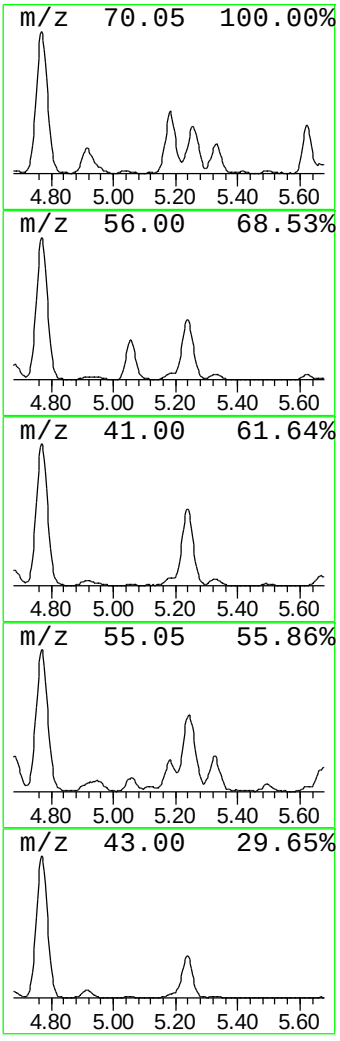
****

Peak Number 8 (DEL) Alkane: Cyclic5.18 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	3.67 ug/L	118127	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	87
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	64
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	62
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	52





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Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

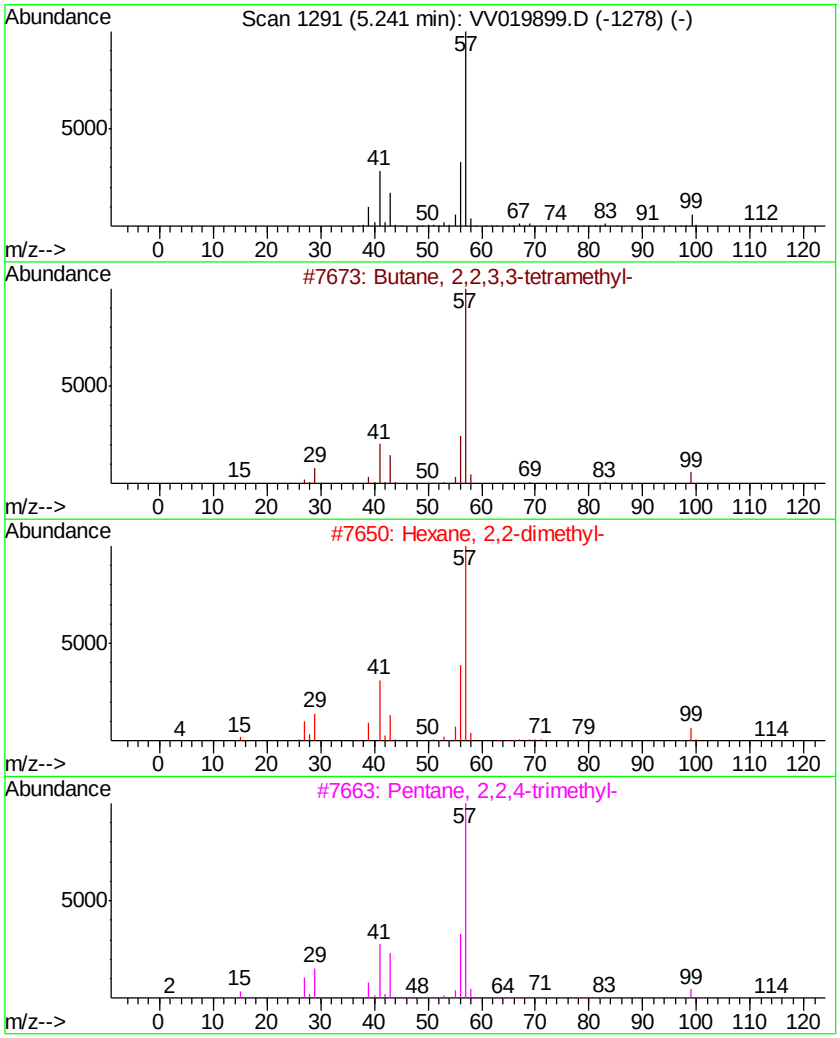
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

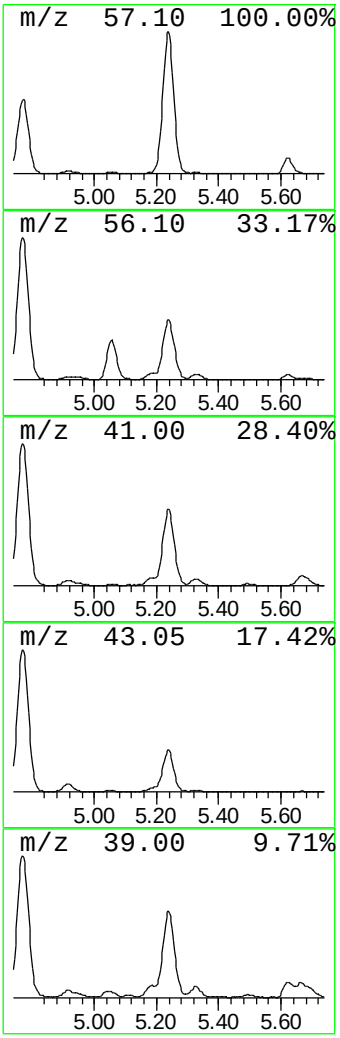
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	44.96 ug/L	1446540	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
5	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72





Library Search Compound Report

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Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

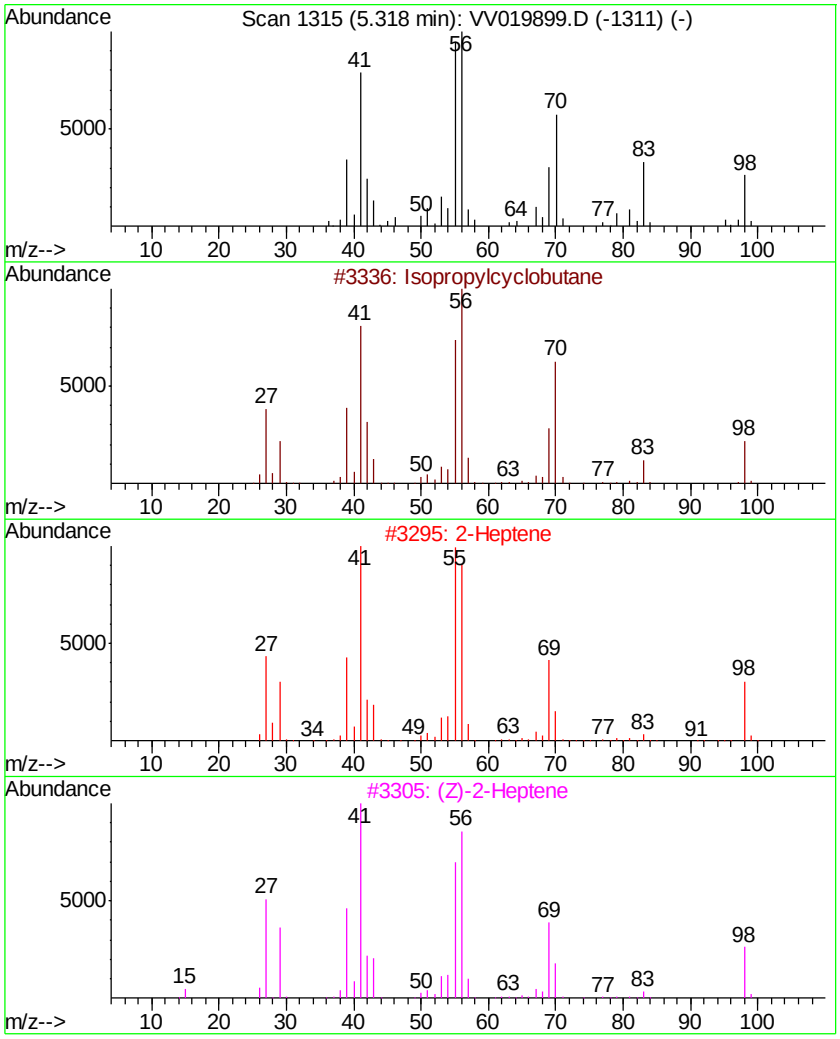
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

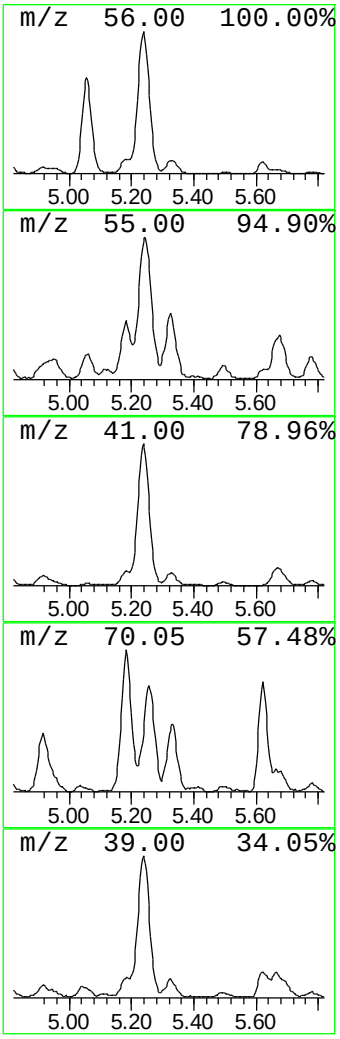
****

Peak Number 10 (DEL) Alkane: Cyclic5.32 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	3.42 ug/L	109984	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	83
2	2-Heptene	98	C7H14	000592-77-8	81
3	(Z)-2-Heptene	98	C7H14	006443-92-1	76
4	2-Heptene	98	C7H14	000592-77-8	76
5	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	74





Library Search Compound Report

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Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

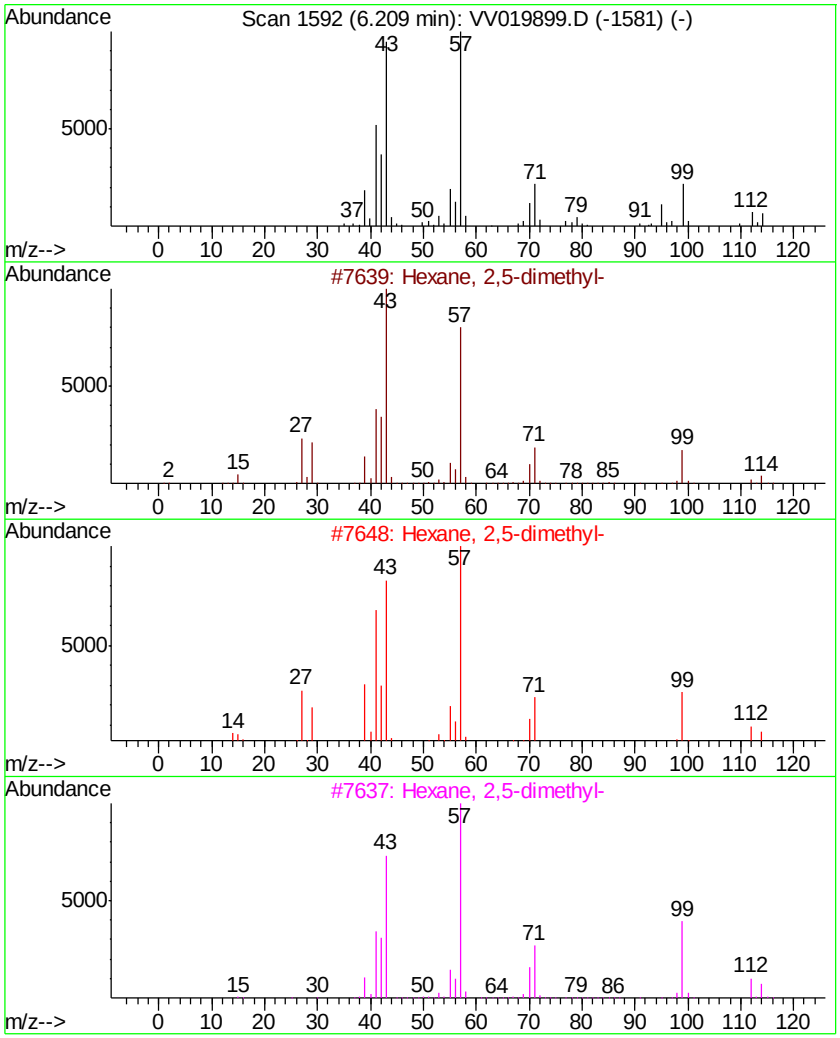
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

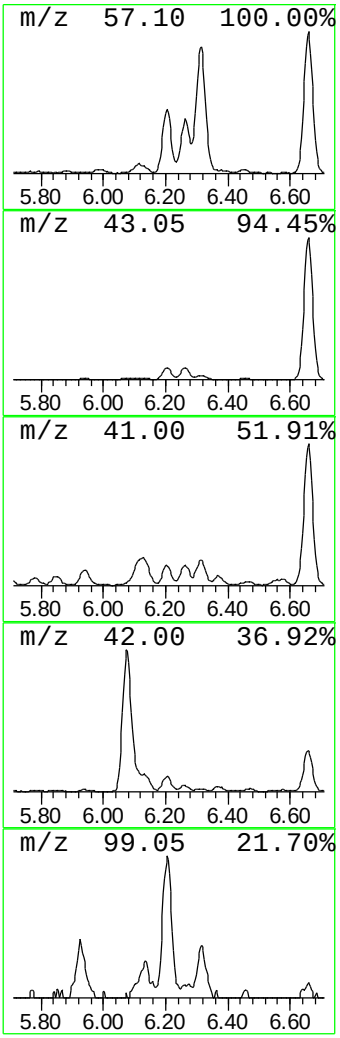
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	2.96 ug/L	95362	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	81
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	74
4	Heptane, 2-methyl-	114	C8H18	000592-27-8	62
5	Heptane, 2-methyl-	114	C8H18	000592-27-8	62





Library Search Compound Report

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Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

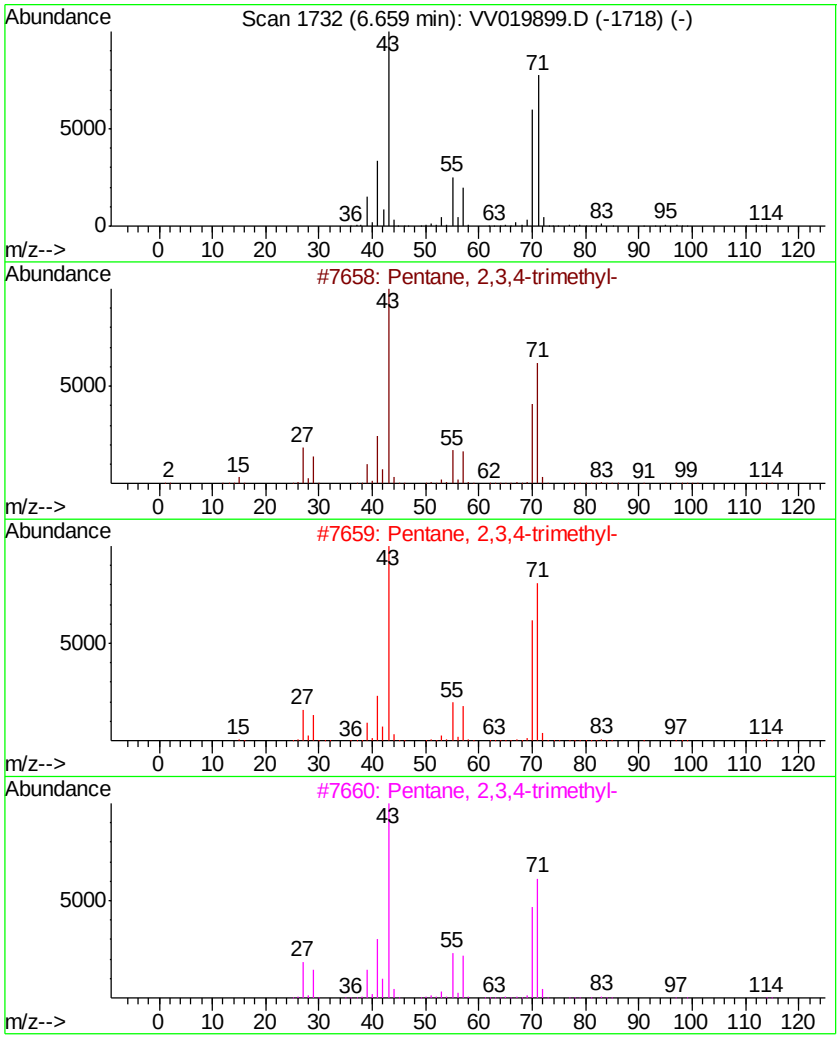
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

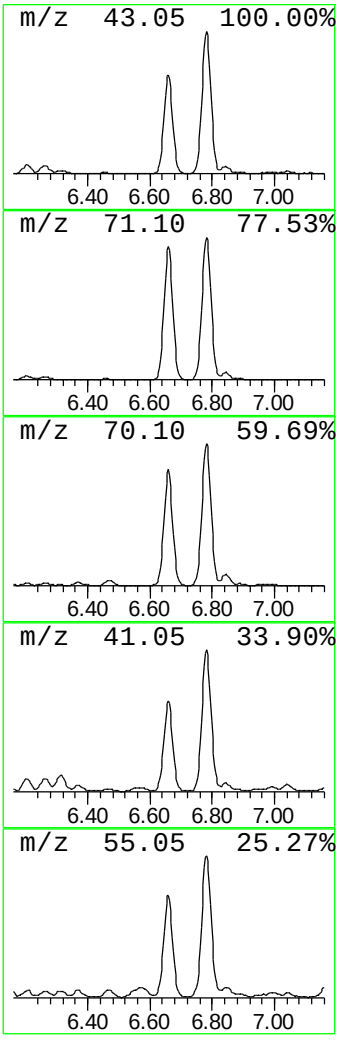
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	32.07 ug/L	1031690	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	83





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Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

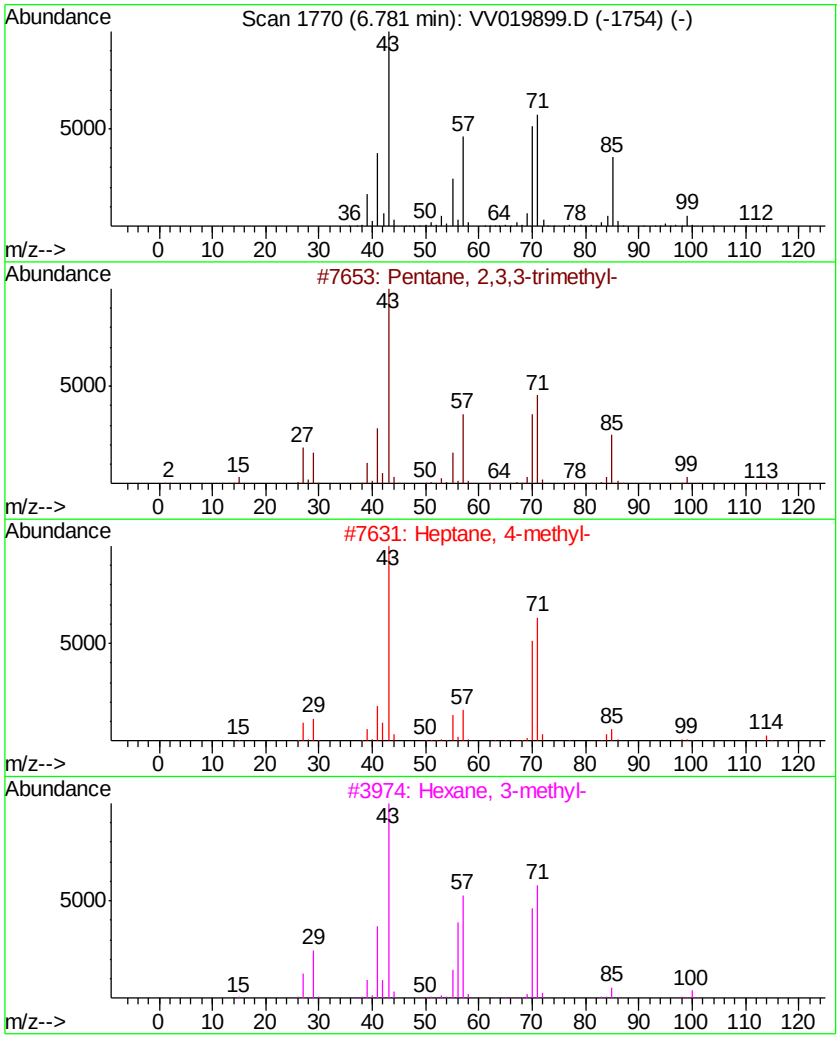
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

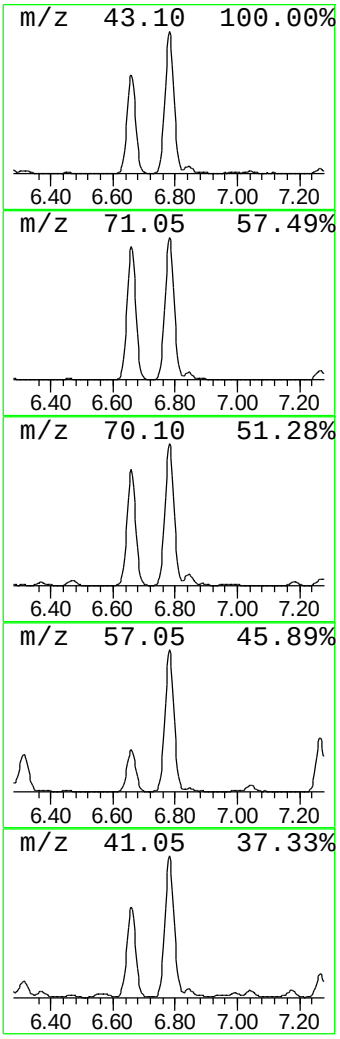
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	55.81 ug/L	1795740	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	64
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59





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Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

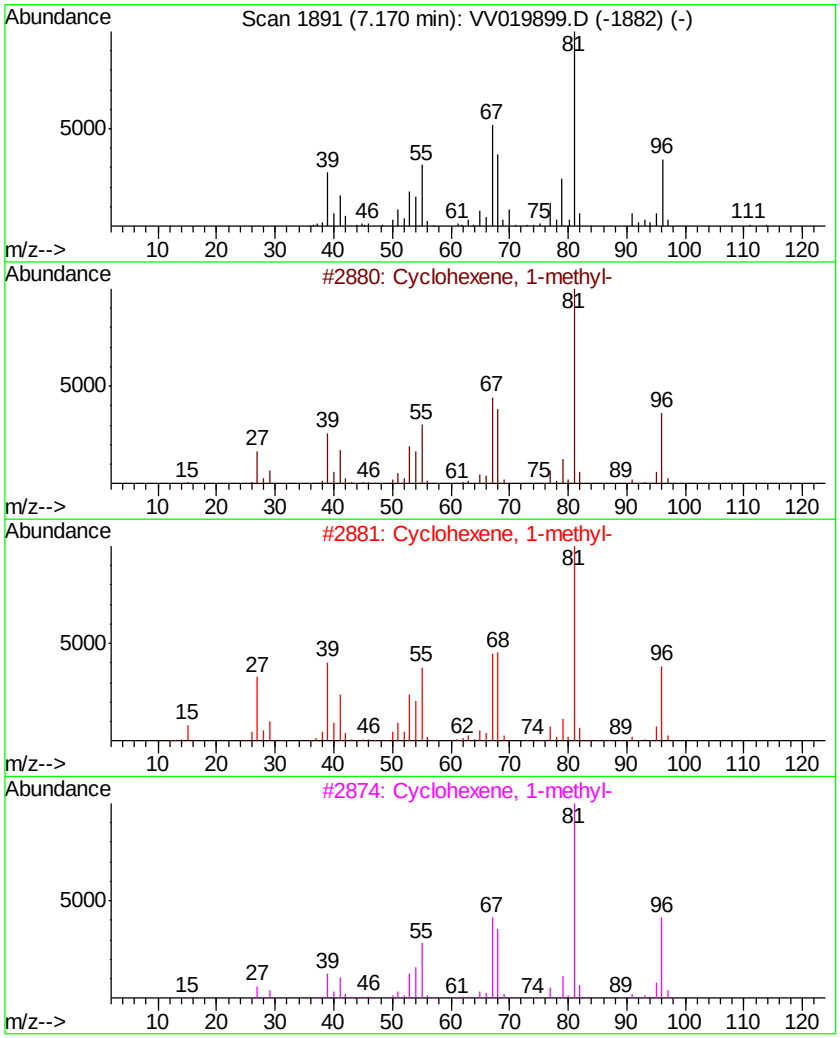
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

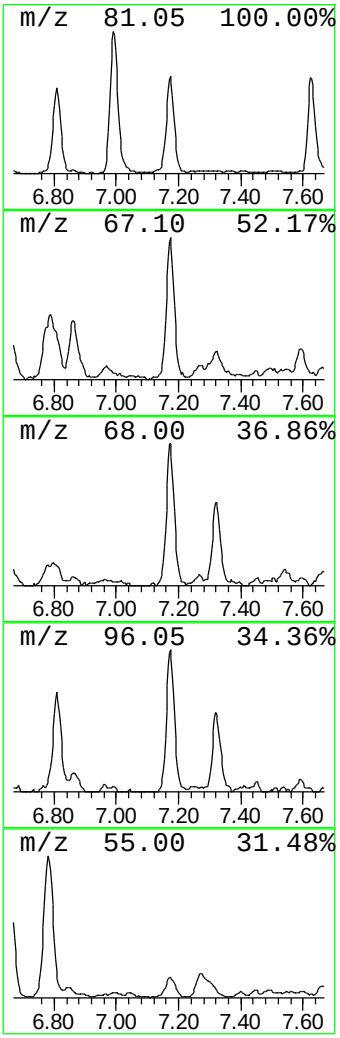
****

Peak Number 15 Cyclohexene, 1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	5.70 ug/L	183233	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	93
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	92
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	83
4	Cyclohexane, methylene-	96	C7H12	001192-37-6	81
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	81





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Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

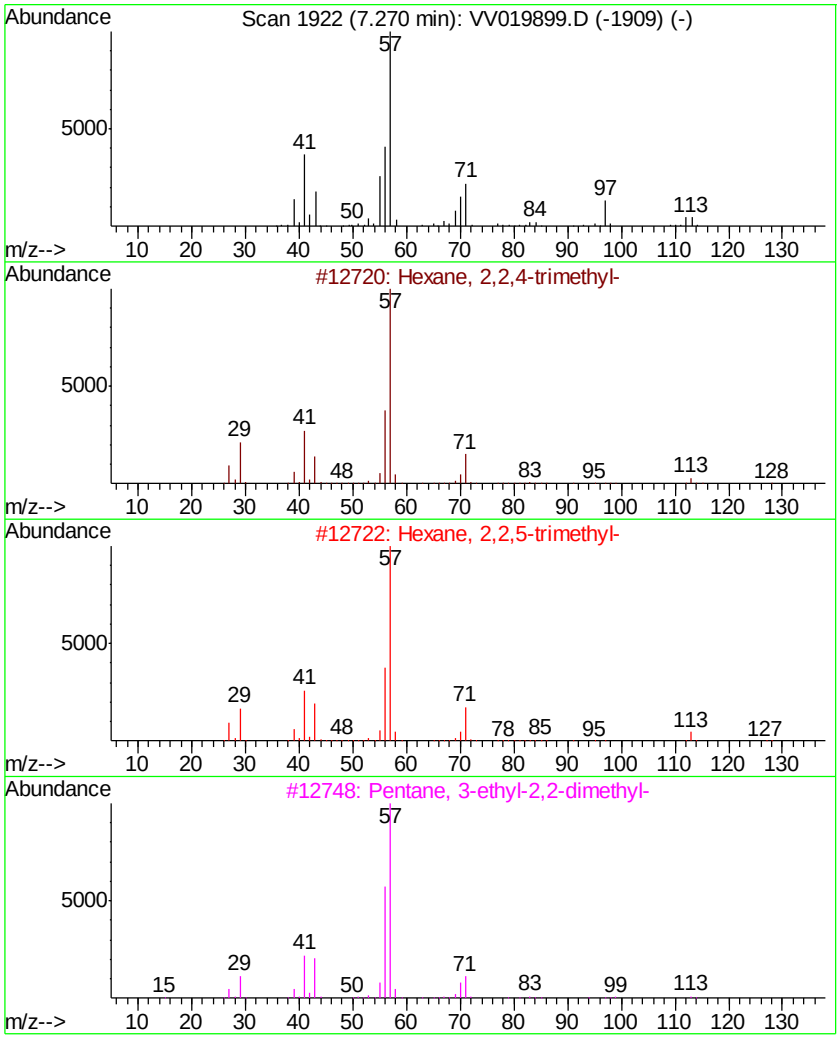
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

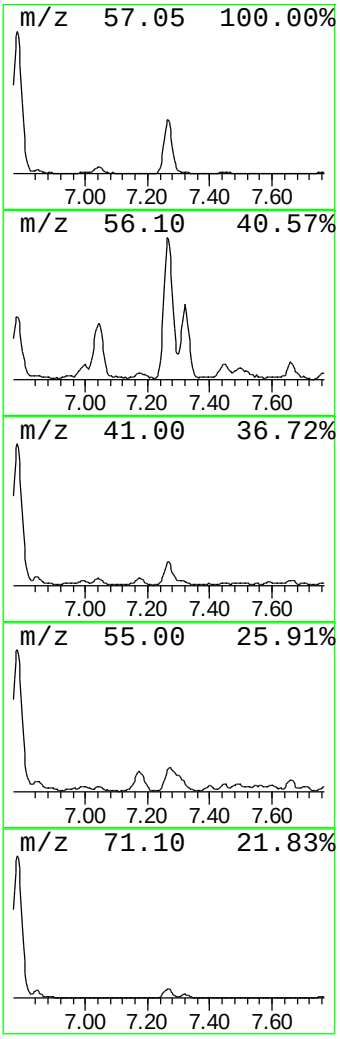
****

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	6.66 ug/L	218823	Chlorobenzene-d5	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	59
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47





Library Search Compound Report

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Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

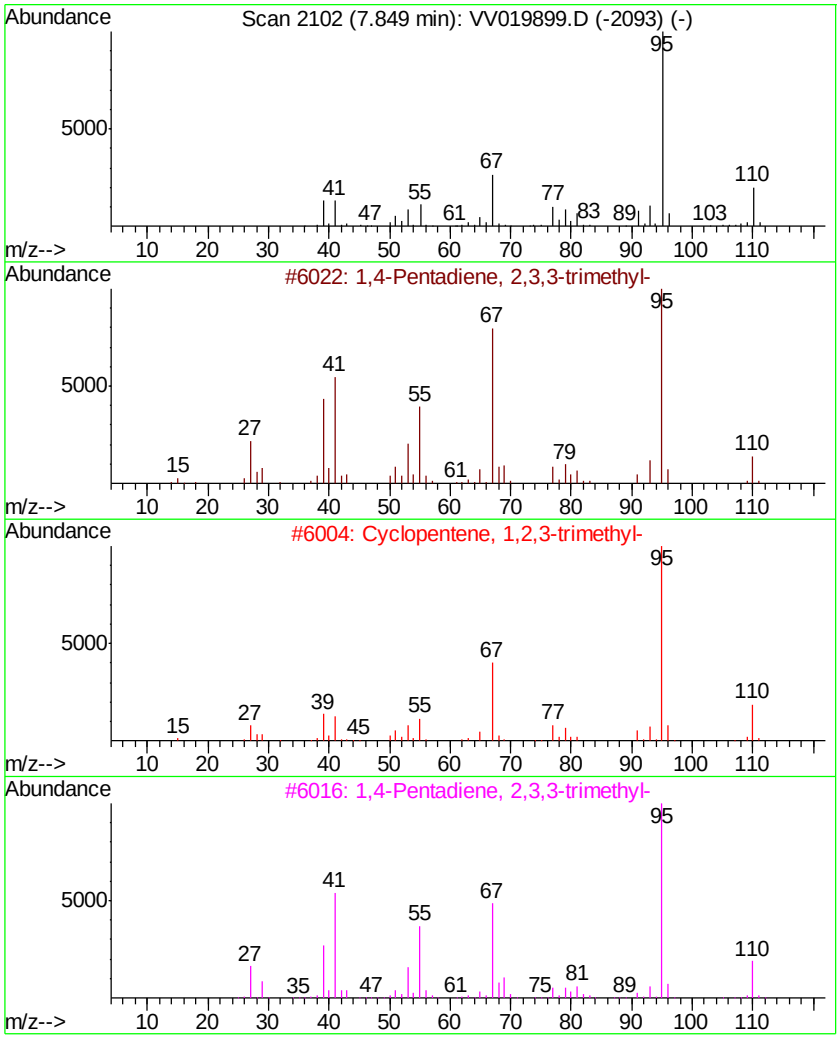
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

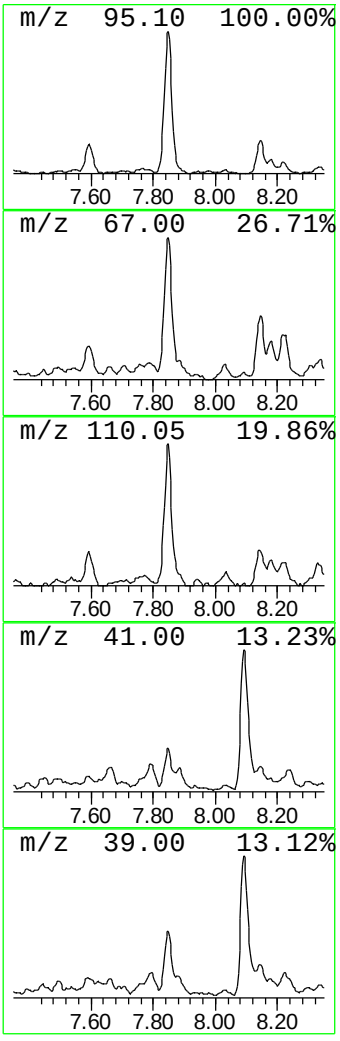
****

Peak Number 17 1,4-Pentadiene, 2,3,3-trime... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	4.96 ug/L	163014	Chlorobenzene-d5	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	87
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	81
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	78
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	72
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	72





Library Search Compound Report

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Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

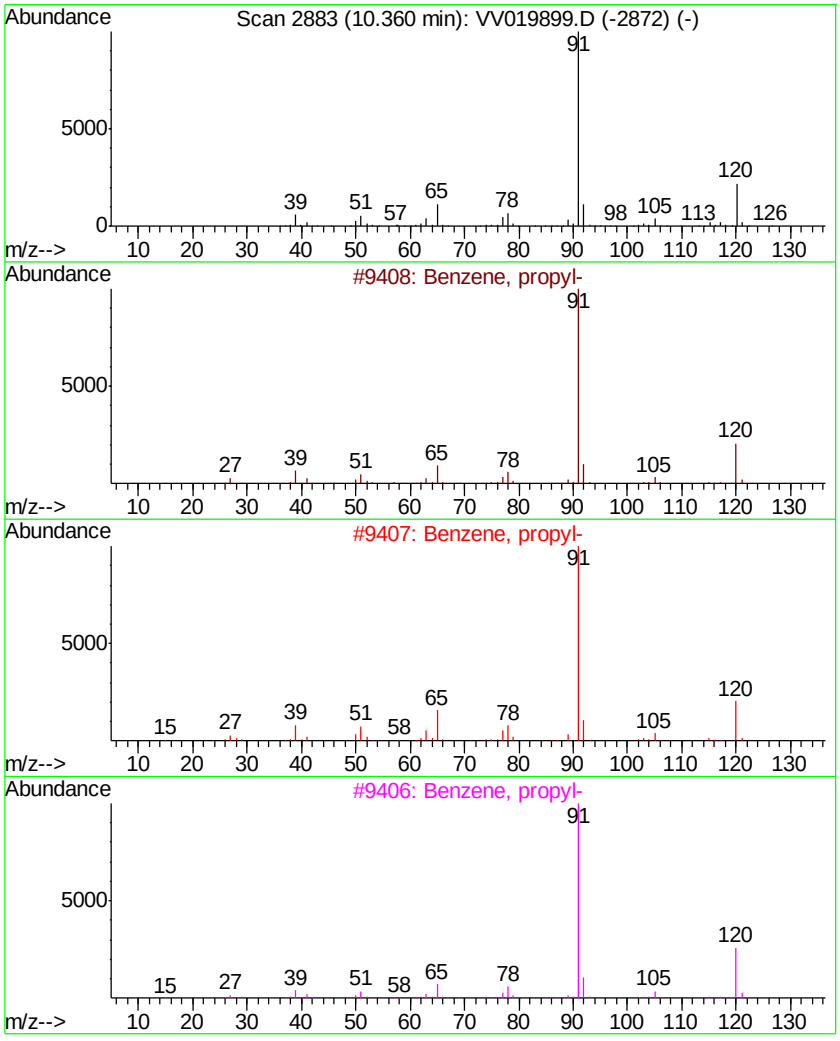
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

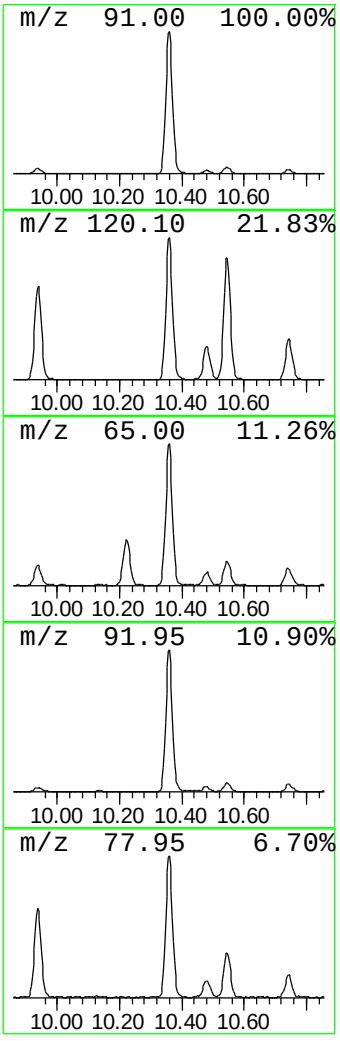
****

Peak Number 18 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	26.33 ug/L	876965	1,4-Dichlorobenzene-d4	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	86
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

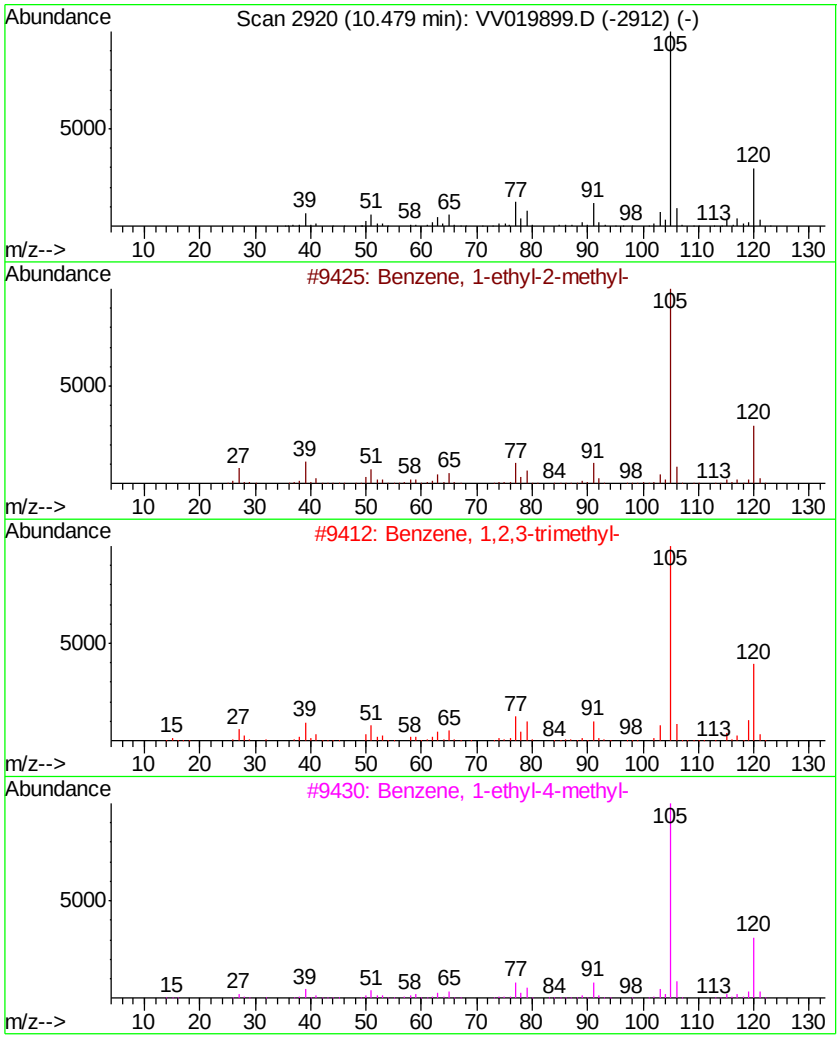
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

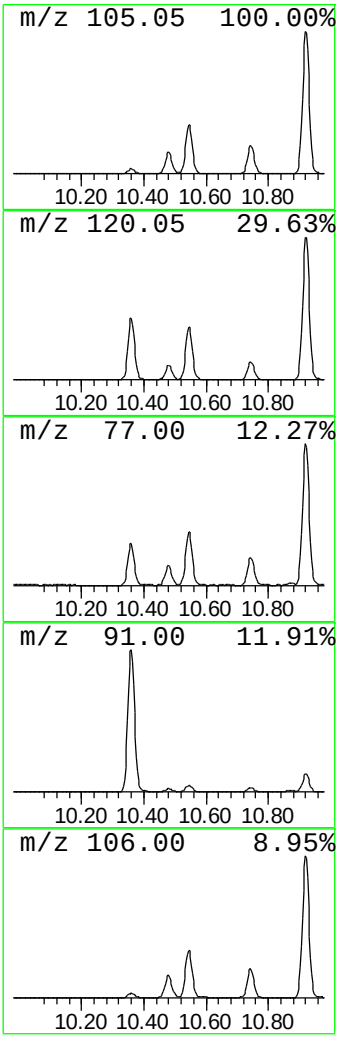
****

Peak Number 19 Benzene, 1-ethyl-2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	5.51 ug/L	183512	1,4-Dichlorobenzene-d4	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





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Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

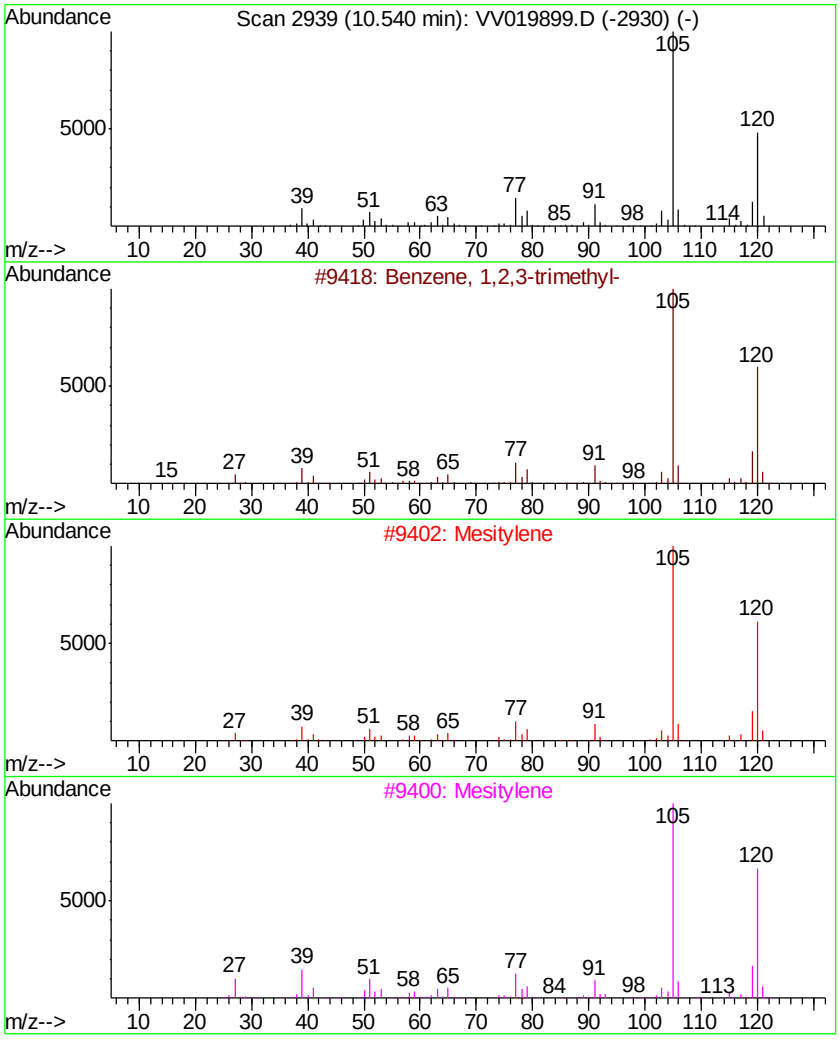
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

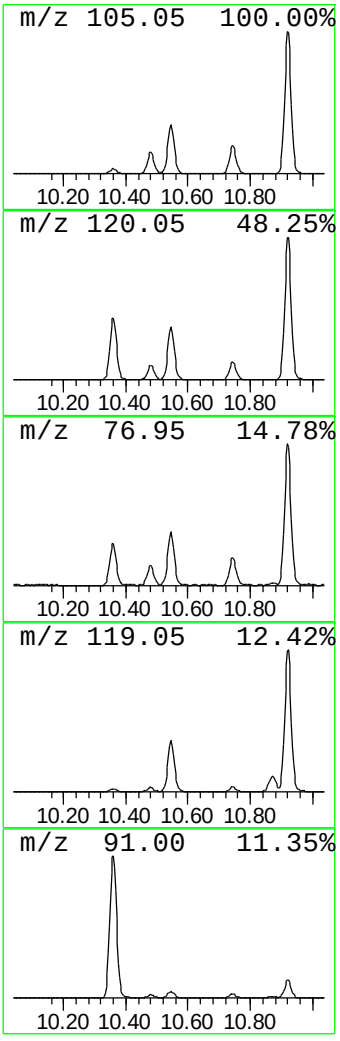
****

Peak Number 20 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	14.66 ug/L	488241	1,4-Dichlorobenzene-d4	11.26

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





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Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

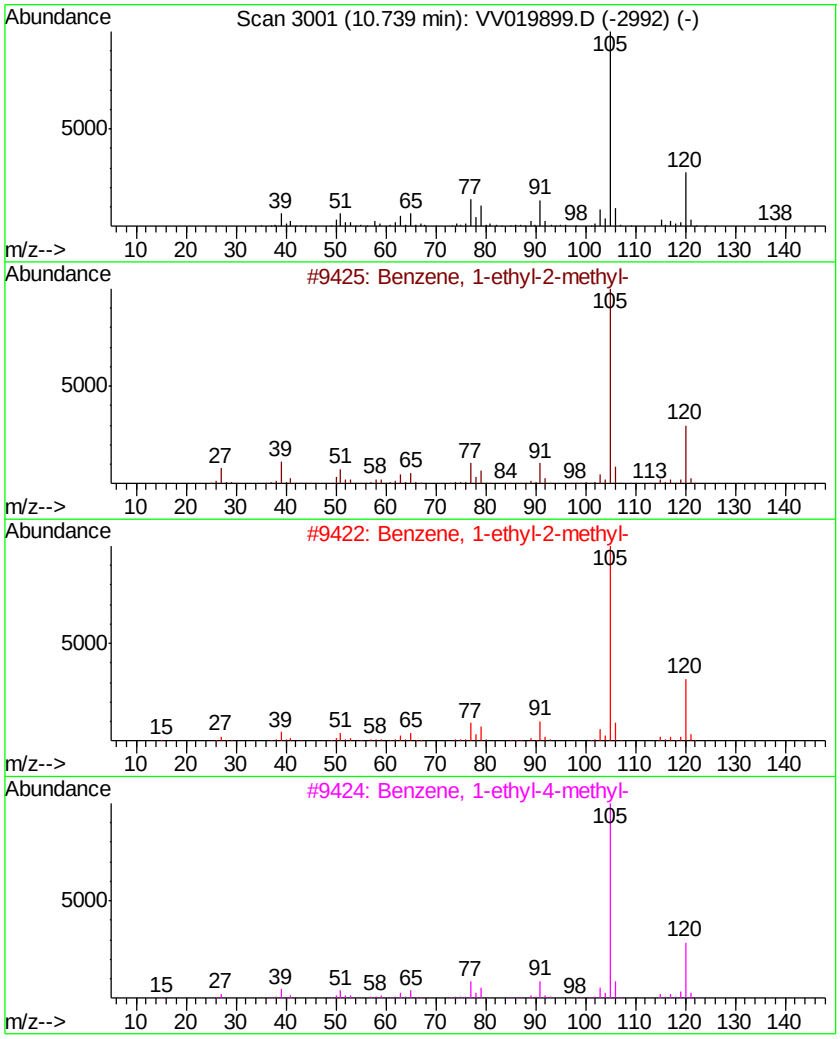
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

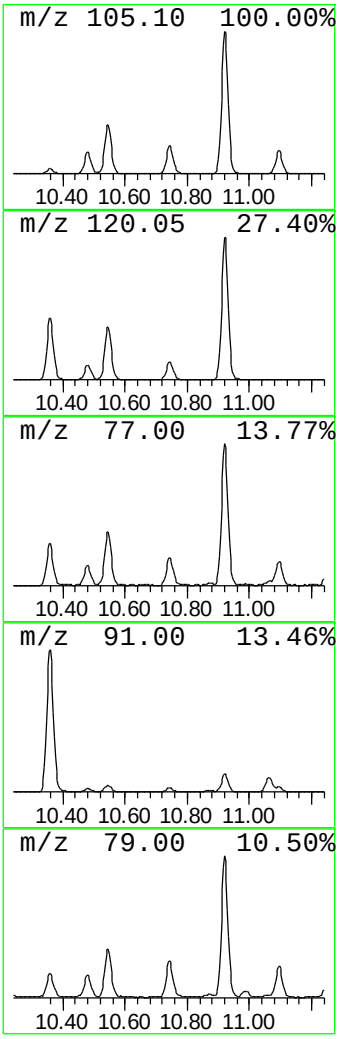
****

Peak Number 21 Benzene, 1-ethyl-4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	7.83 ug/L	260822	1,4-Dichlorobenzene-d4	11.26

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-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

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

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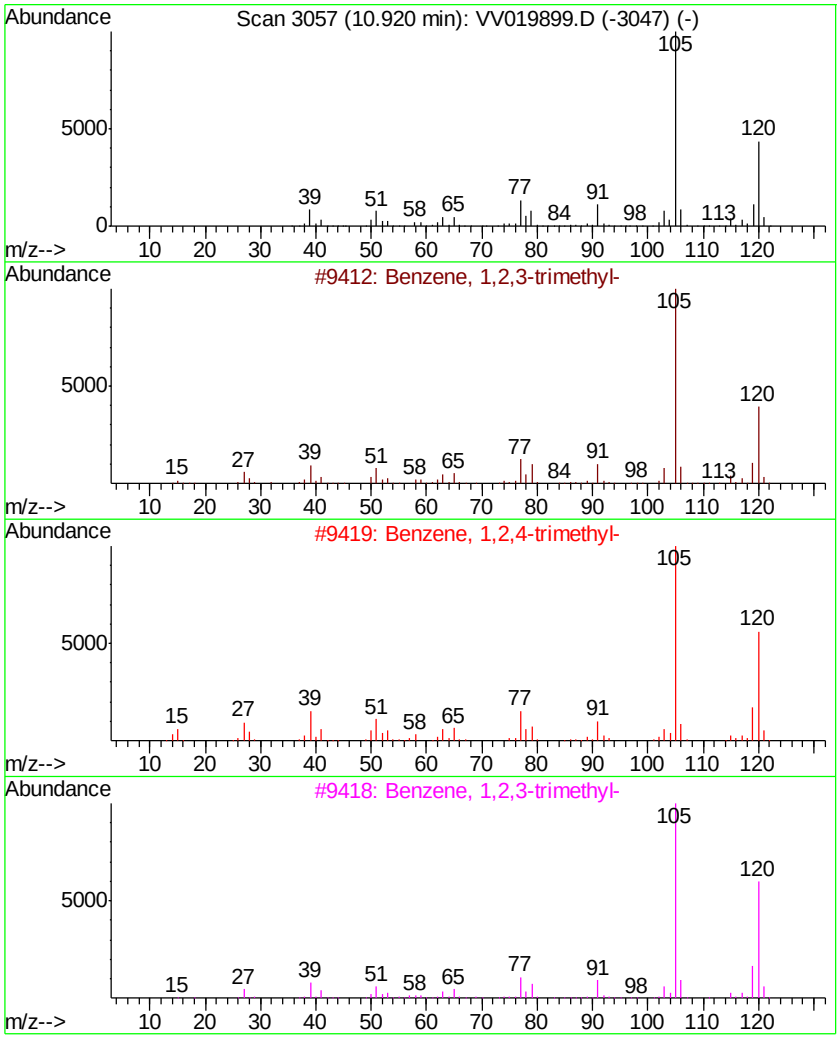
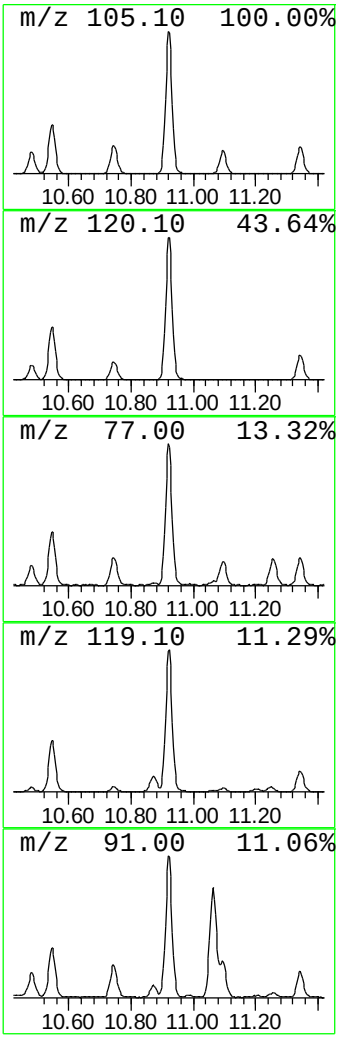
Peak Number 22 Benzene, 1,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	40.12 ug/L	1336130	1,4-Dichlorobenzene-d4	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
5	Mesitylene	120	C9H12	000108-67-8	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

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

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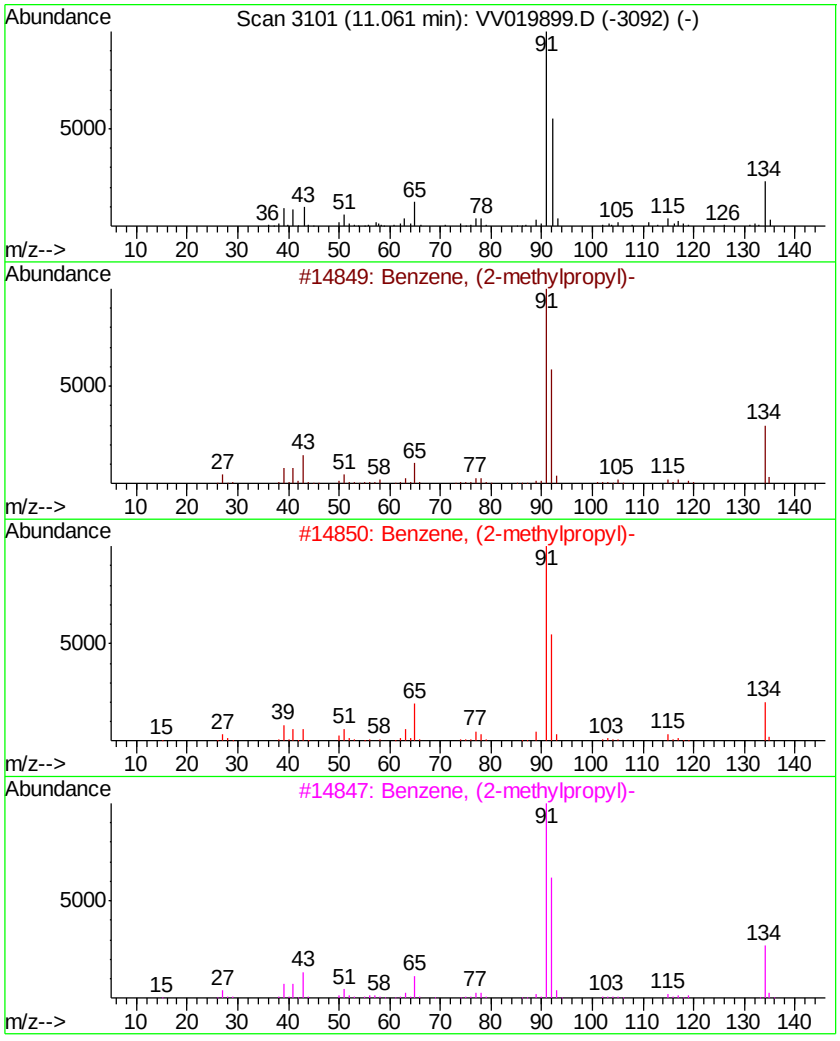
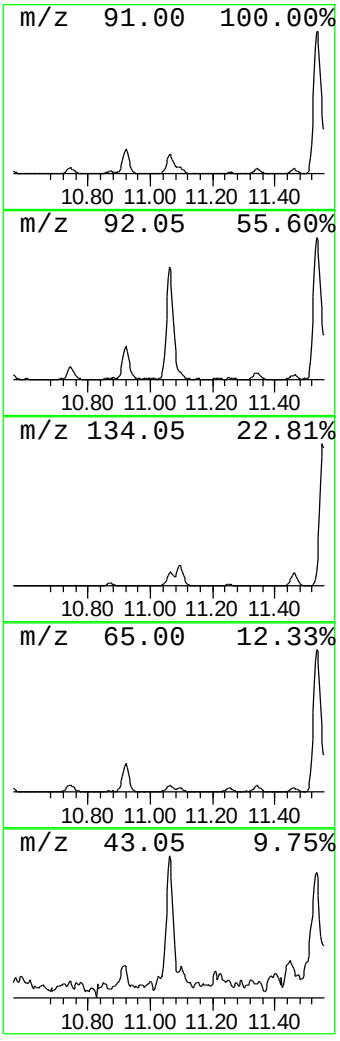
Peak Number 23 Benzene, (2-methylpropyl)- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	3.66 ug/L	121748	1,4-Dichlorobenzene-d4	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
4	Benzene, butyl-	134	C10H14	000104-51-8	86
5	Benzene, butyl-	134	C10H14	000104-51-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

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

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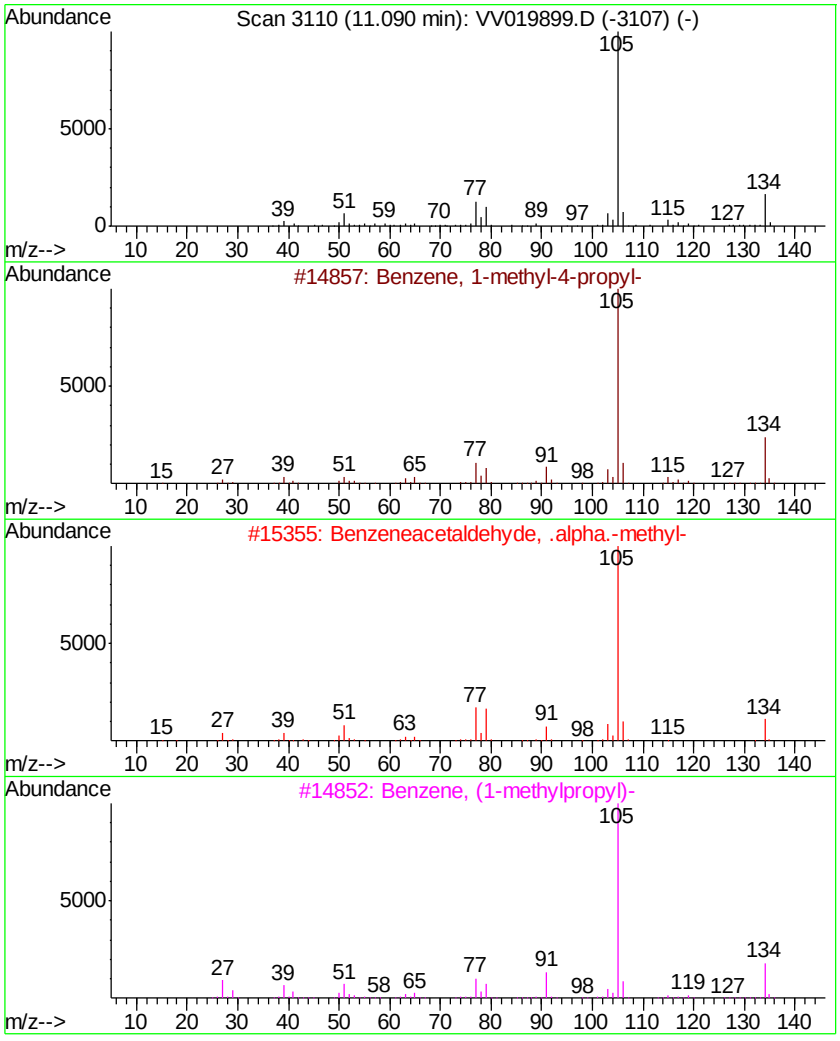
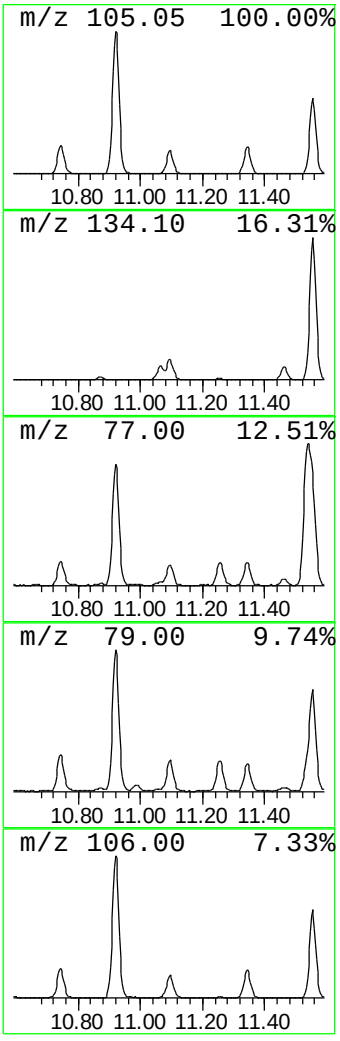
Peak Number 24 Benzene, 1-methyl-4-propyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	5.49 ug/L	182787	1,4-Dichlorobenzene-d4	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

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

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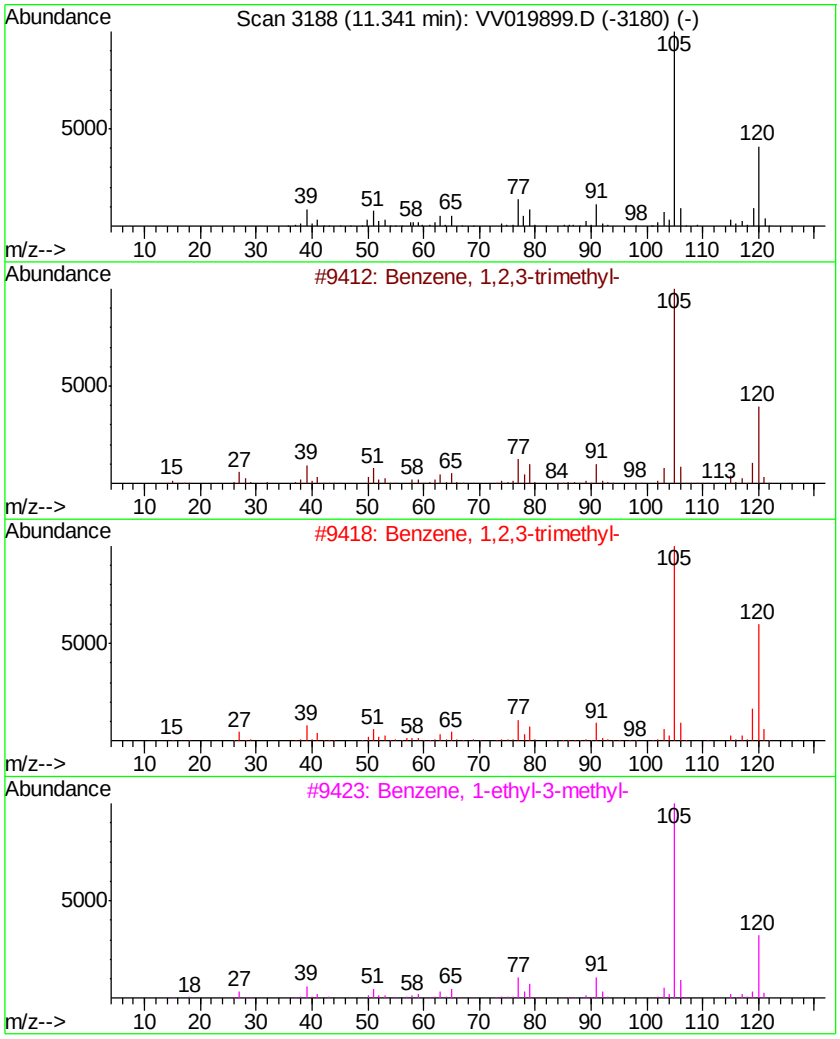
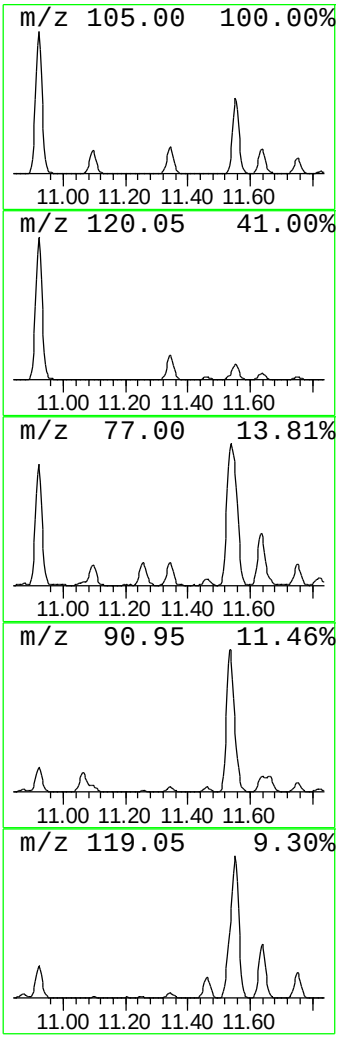
Peak Number 25 Benzene, 1-ethyl-3-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	7.47 ug/L	248703	1,4-Dichlorobenzene-d4	11.26

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





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Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

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

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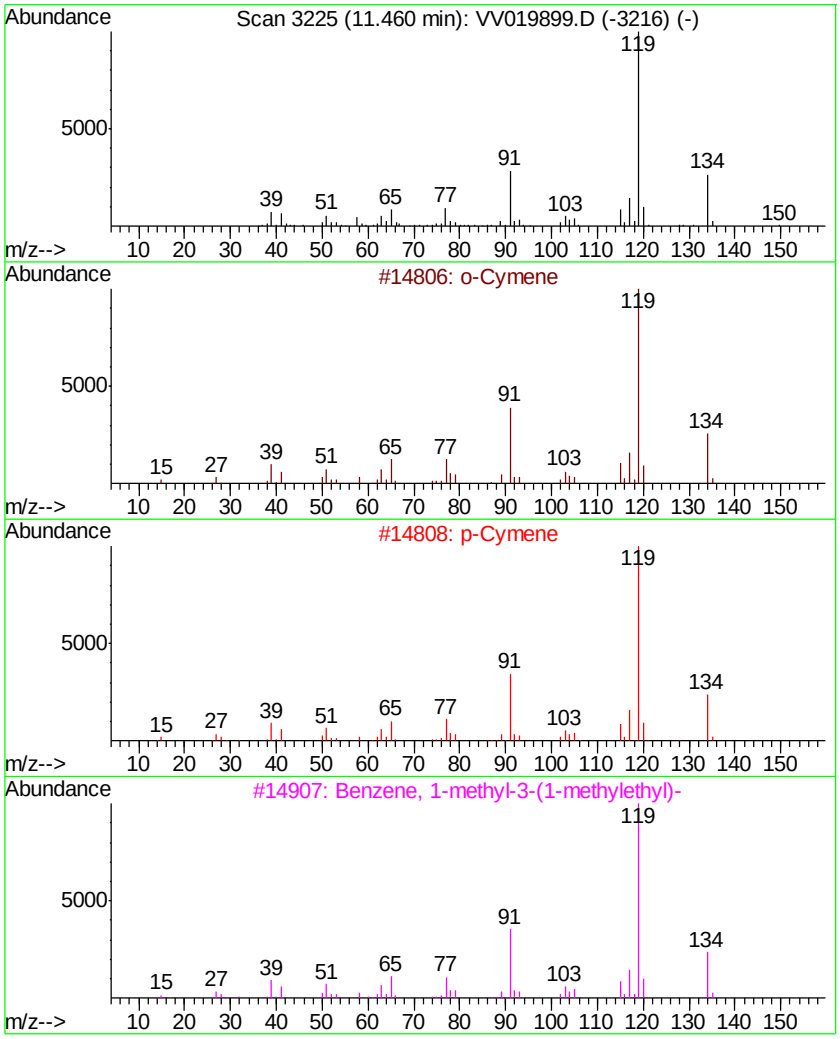
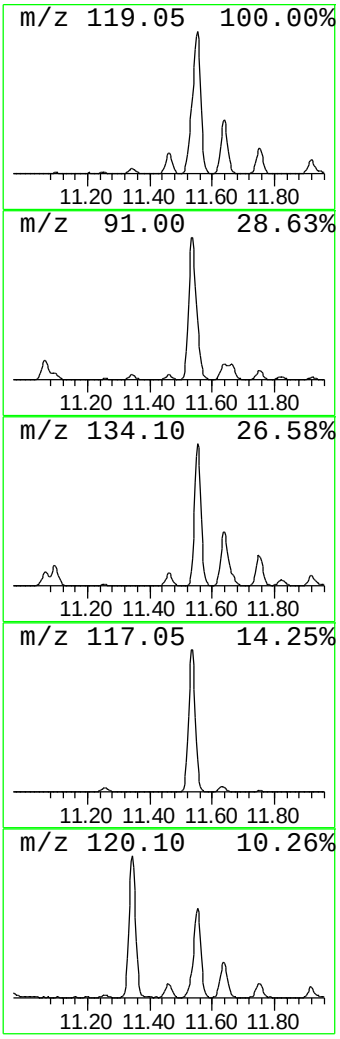
Peak Number 26 o-Cymene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	3.34 ug/L	111172	1,4-Dichlorobenzene-d4	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	96
2	p-Cymene	134	C10H14	000099-87-6	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	o-Cymene	134	C10H14	000527-84-4	93





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Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

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

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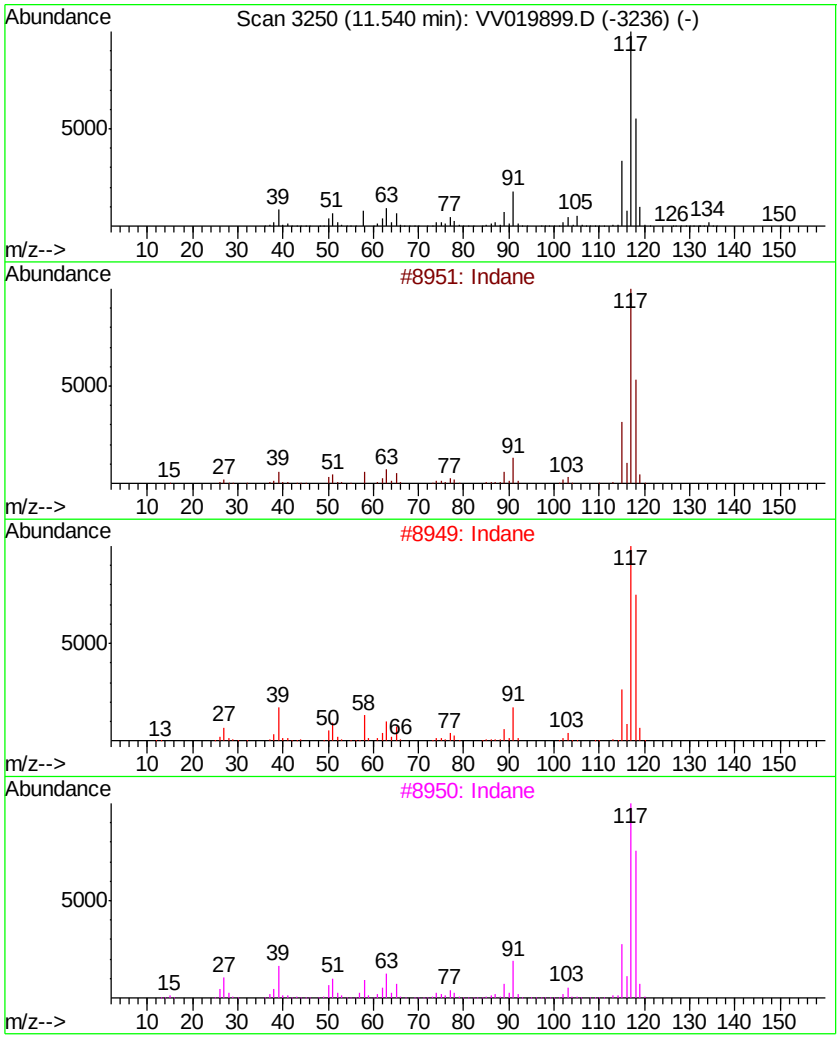
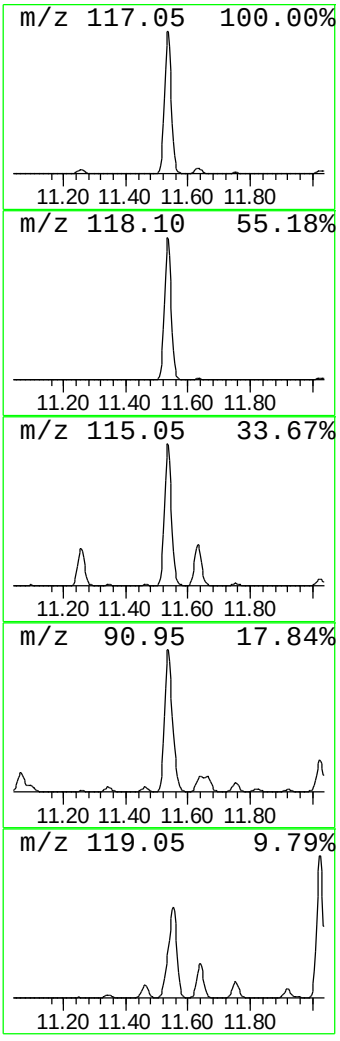
Peak Number 27 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	201.87 ug/L	6722620	1,4-Dichlorobenzene-d4	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	90
4	Indane	118	C9H10	000496-11-7	81
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81





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Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

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

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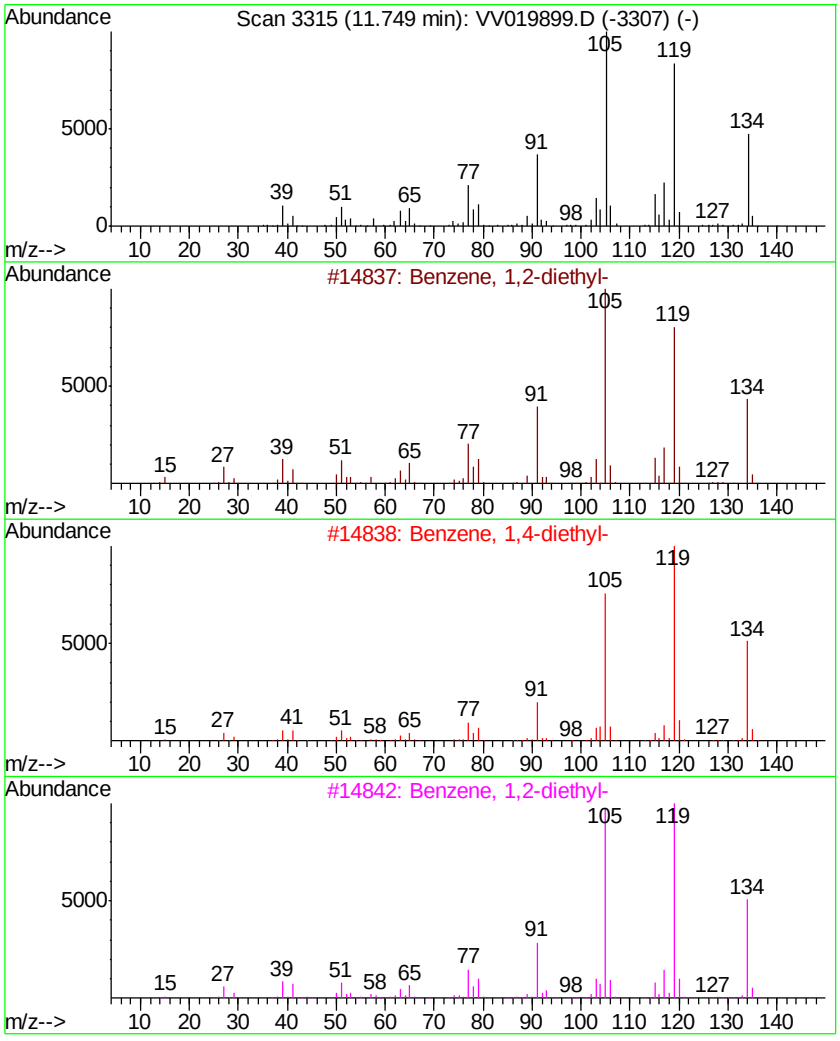
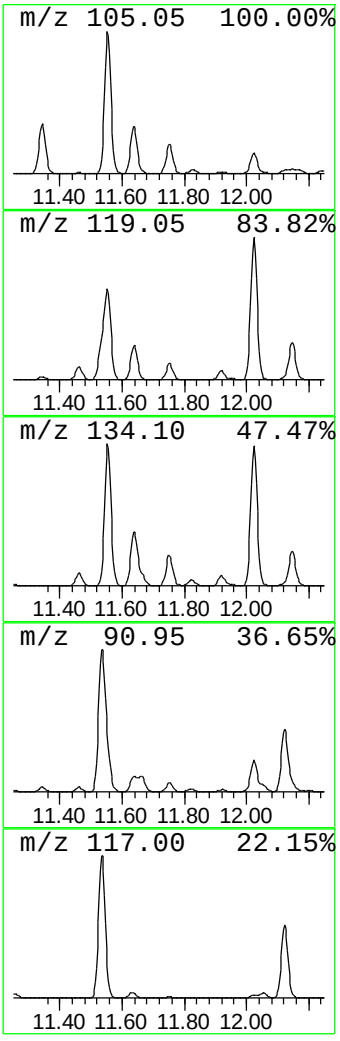
Peak Number 28 Benzene, 1,2-diethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	7.82 ug/L	260431	1,4-Dichlorobenzene-d4	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

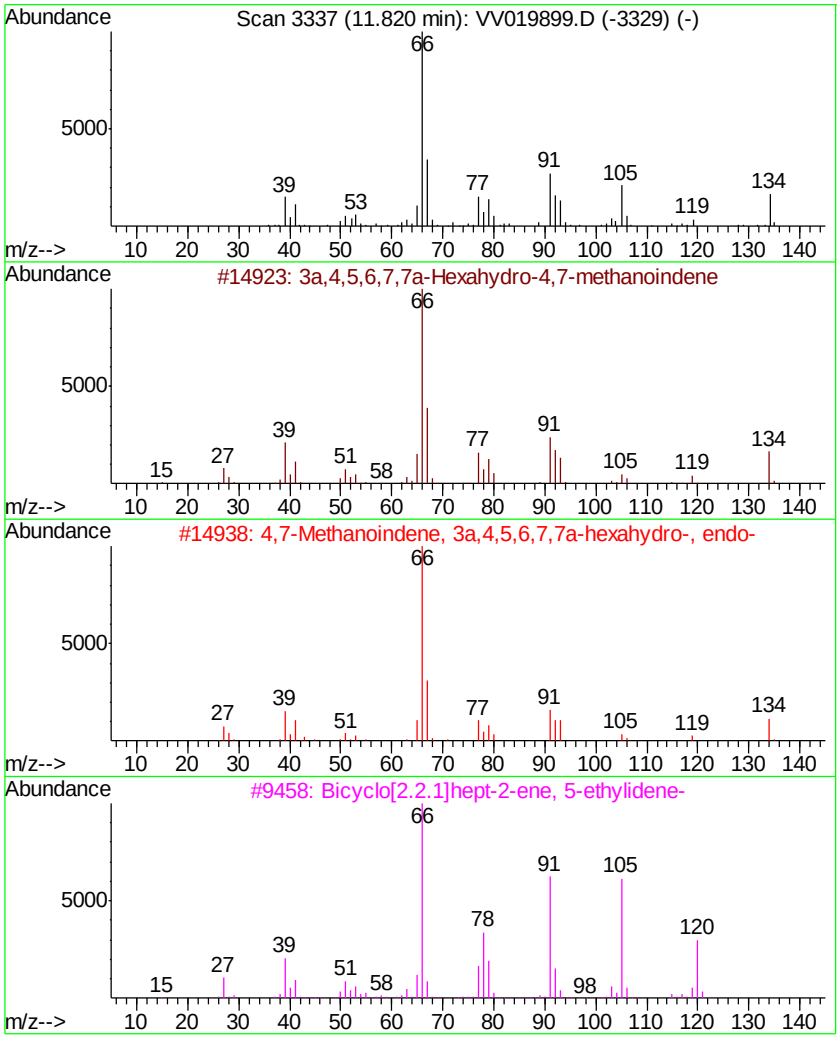
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

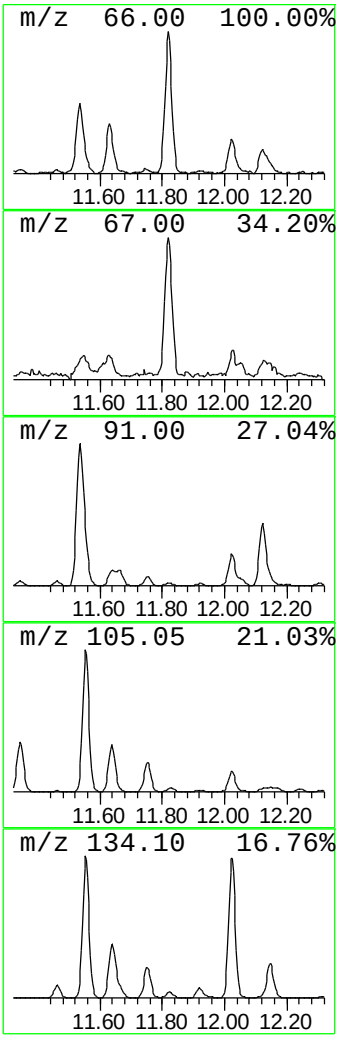
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 3a,4,5,6,7,7a-Hexahydro-4,7... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	3.01 ug/L	100335	1,4-Dichlorobenzene-d4	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3a,4,5,6,7,7a-Hexahydro-4,7-meth...	134	C10H14	004488-57-7	94
2	4,7-Methanoindene, 3a,4,5,6,7,7a...	134	C10H14	002825-86-7	94
3	Bicyclo[2.2.1]hept-2-ene, 5-ethy...	120	C9H12	016219-75-3	72
4	2-Amino-2-butenedinitrile	93	C4H3N3	1000196-60-0	72
5	1H-Indene, 3a,4,7,7a-tetrahydro-	120	C9H12	003048-65-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

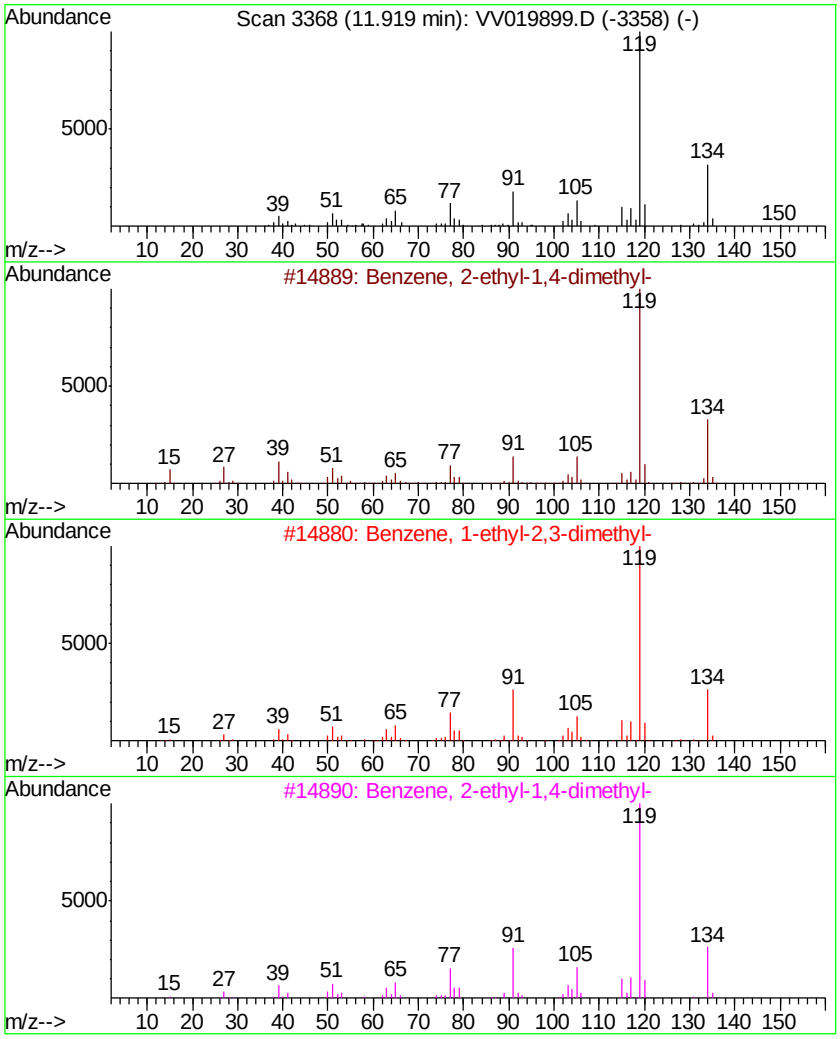
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

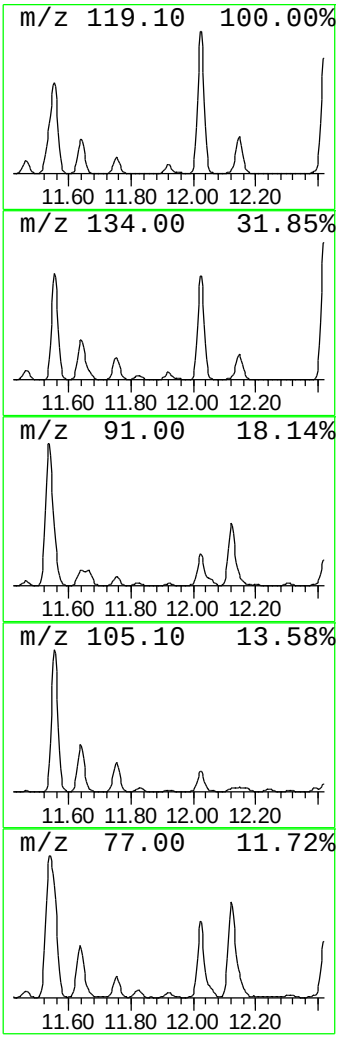
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.68 ug/L	89297	1,4-Dichlorobenzene-d4	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
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, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

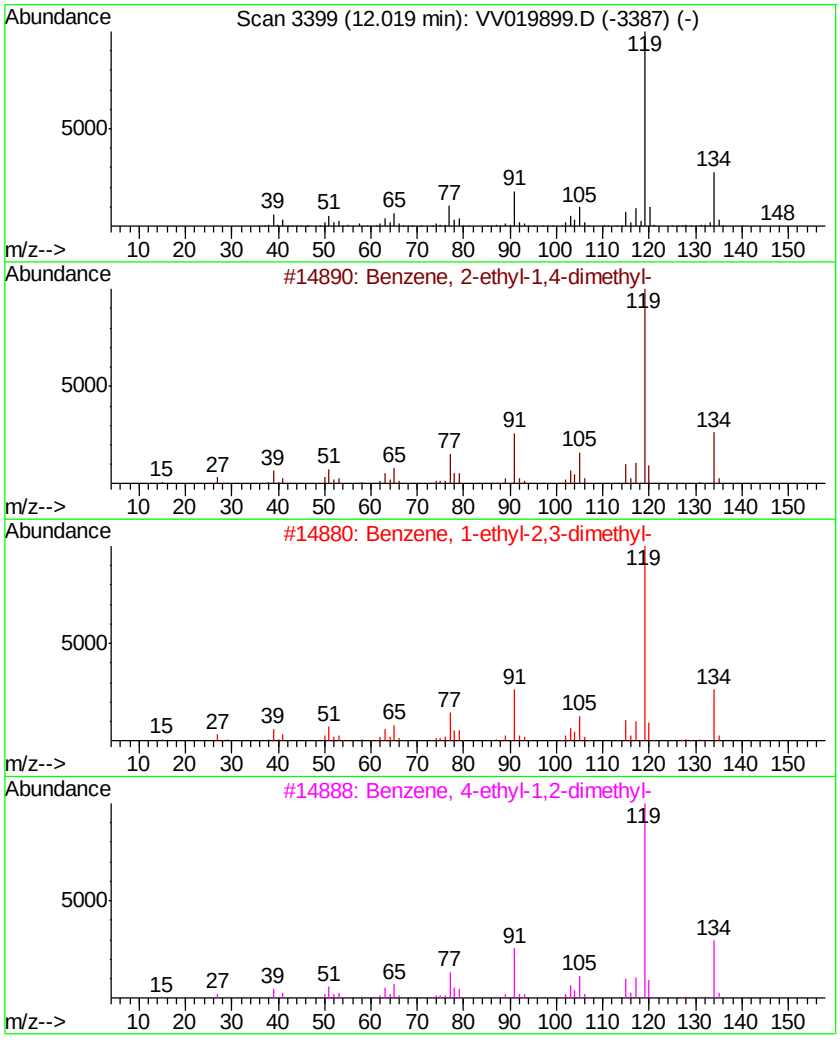
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

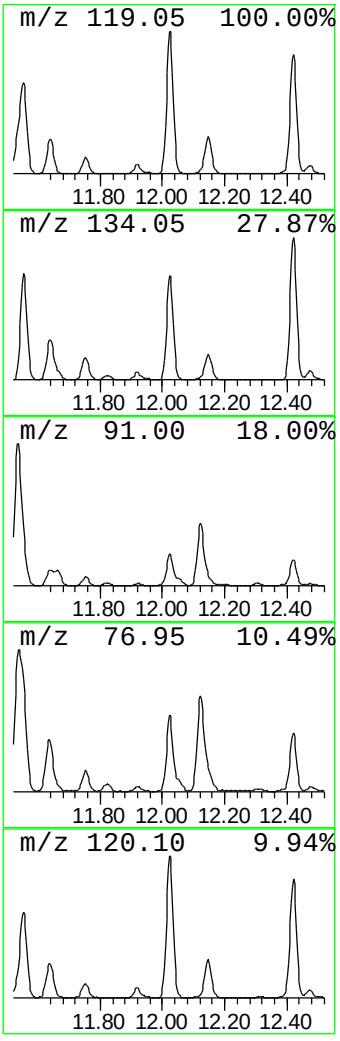
****

Peak Number 31 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	33.83 ug/L	1126730	1,4-Dichlorobenzene-d4	11.26

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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

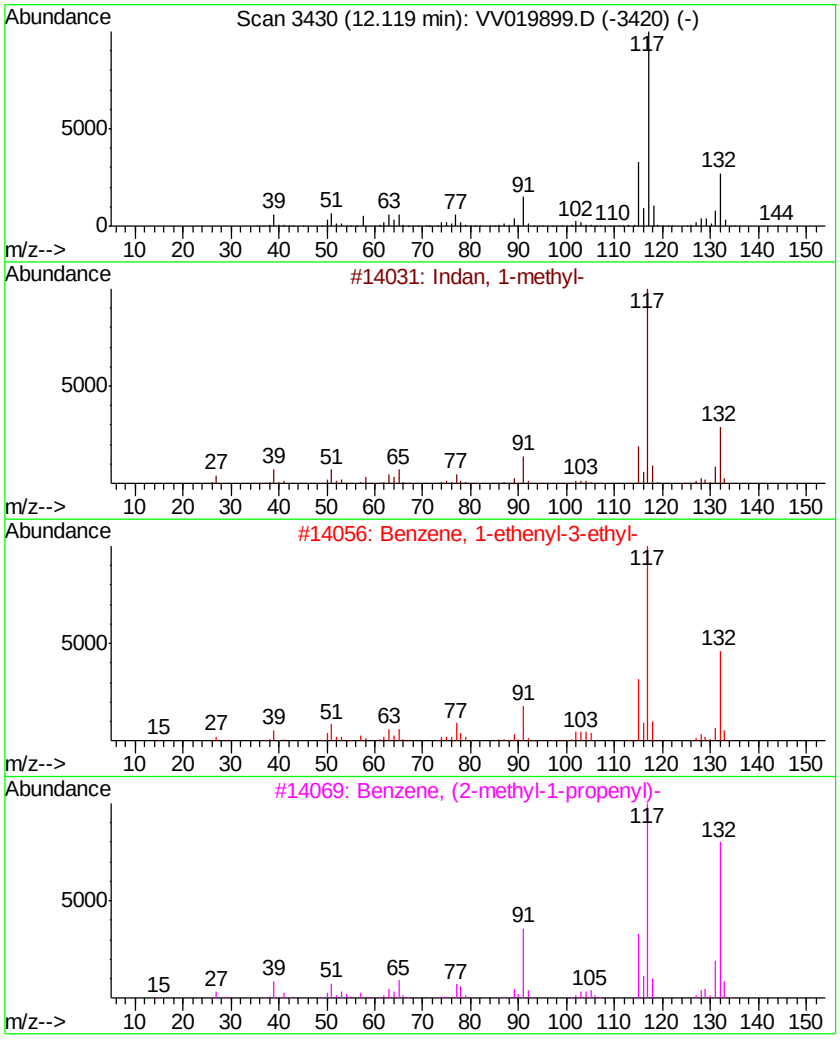
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

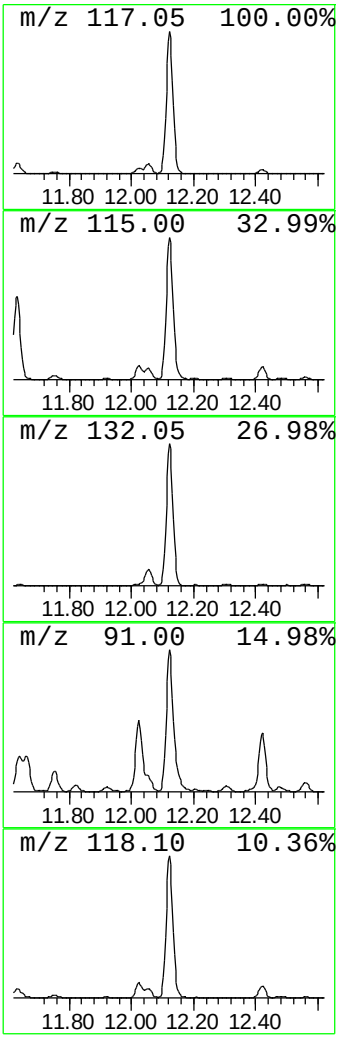
****

Peak Number 32 Indan, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	88.57 ug/L	2949490	1,4-Dichlorobenzene-d4	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86
5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	86





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

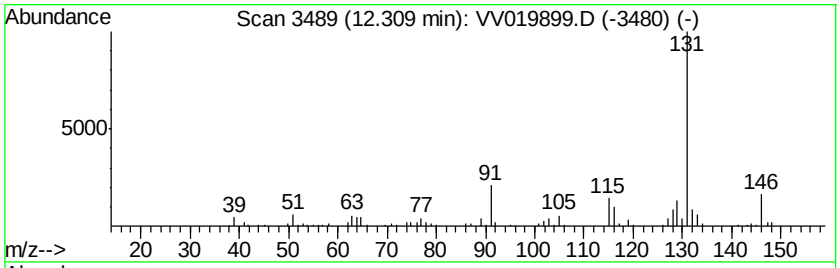
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

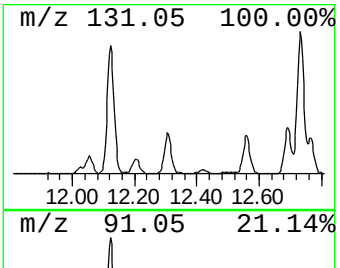
****

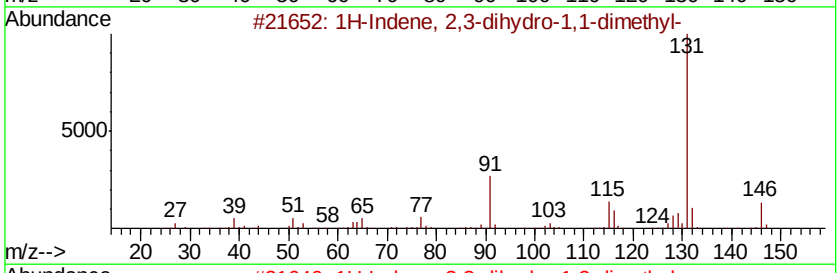
Peak Number 33 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 48

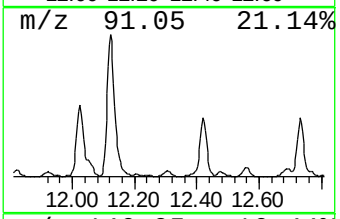
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	2.53 ug/L	84291	1,4-Dichlorobenzene-d4	11.26

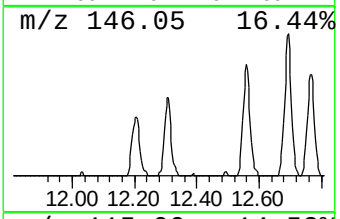
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	93
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	90
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87

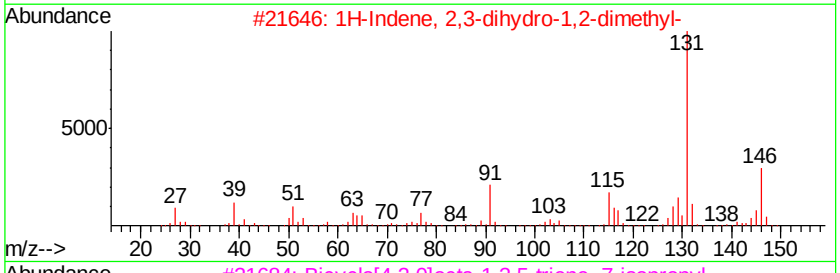


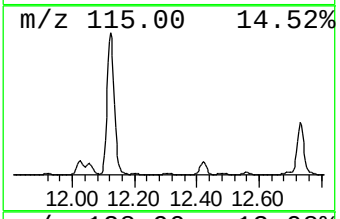


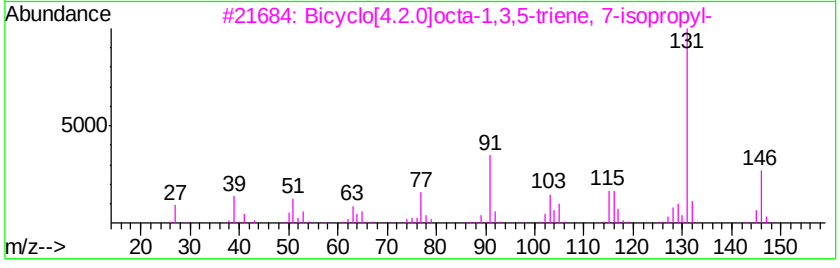


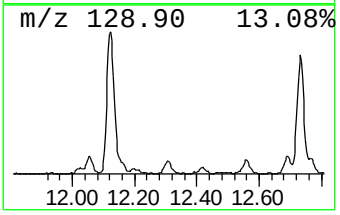












Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

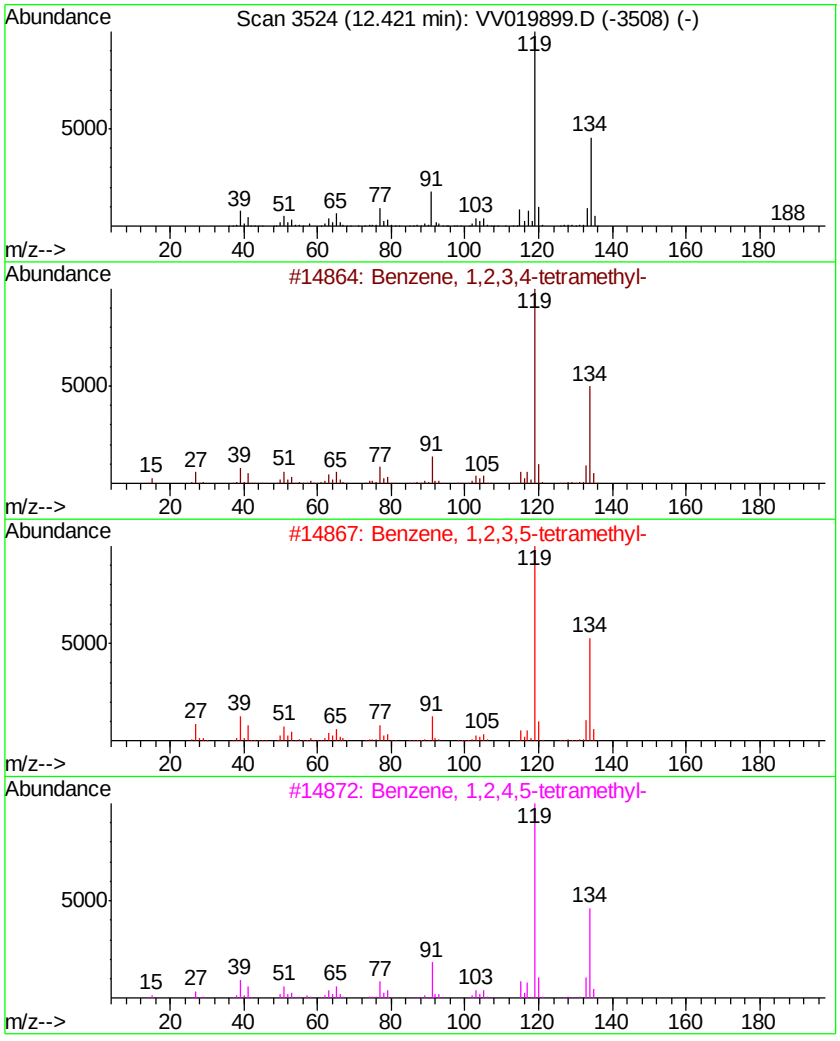
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

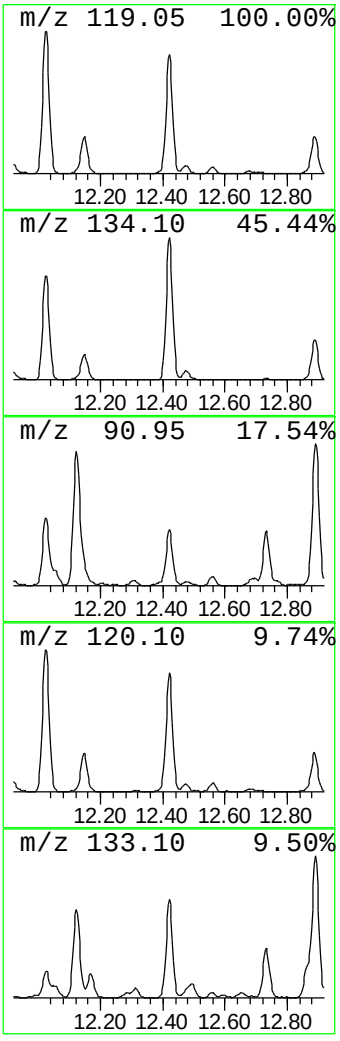
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	29.30 ug/L	975714	1,4-Dichlorobenzene-d4	11.26

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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

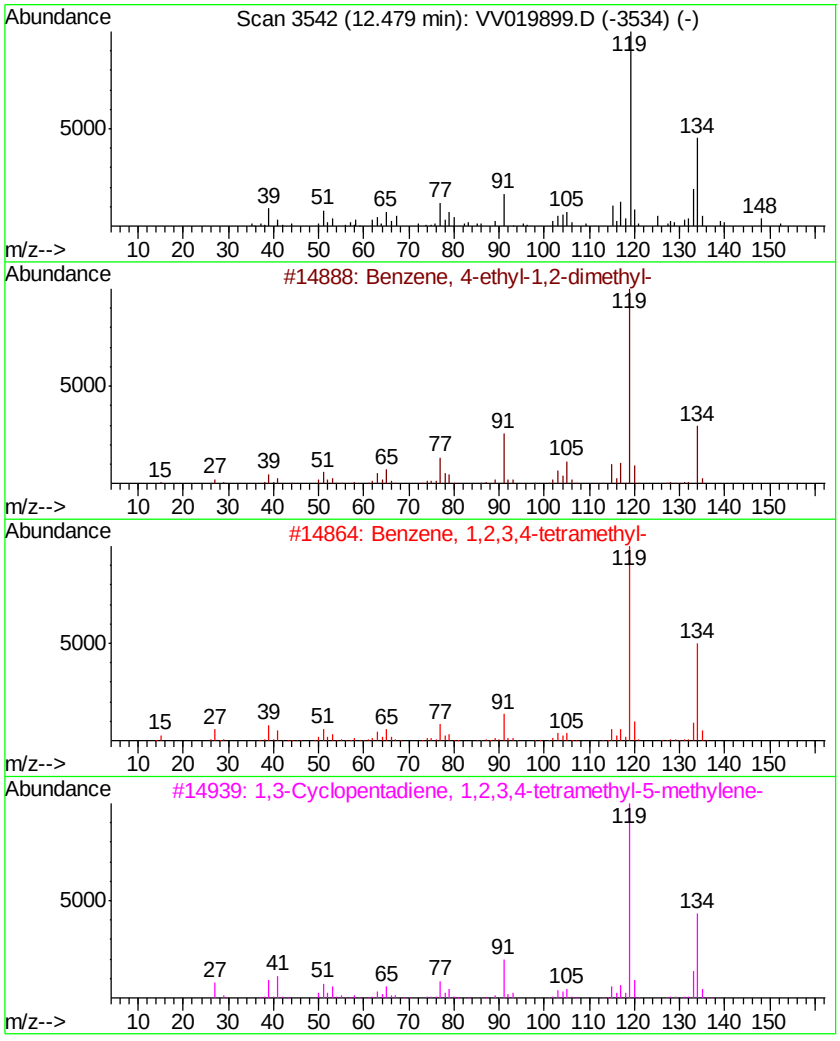
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

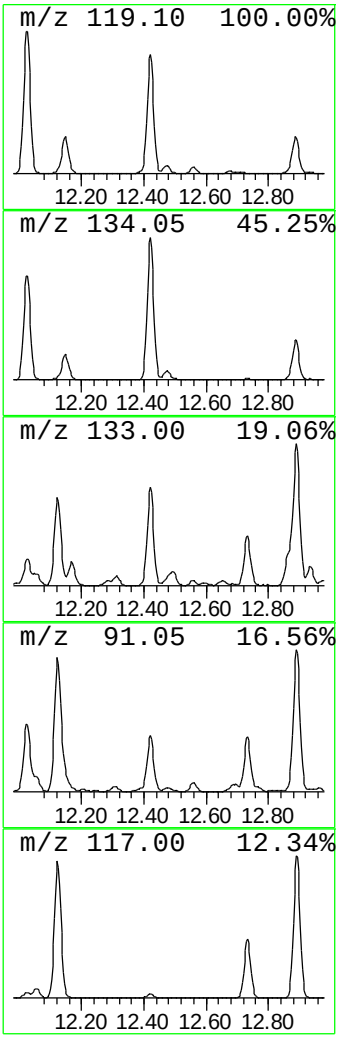
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	2.84 ug/L	94545	1,4-Dichlorobenzene-d4	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

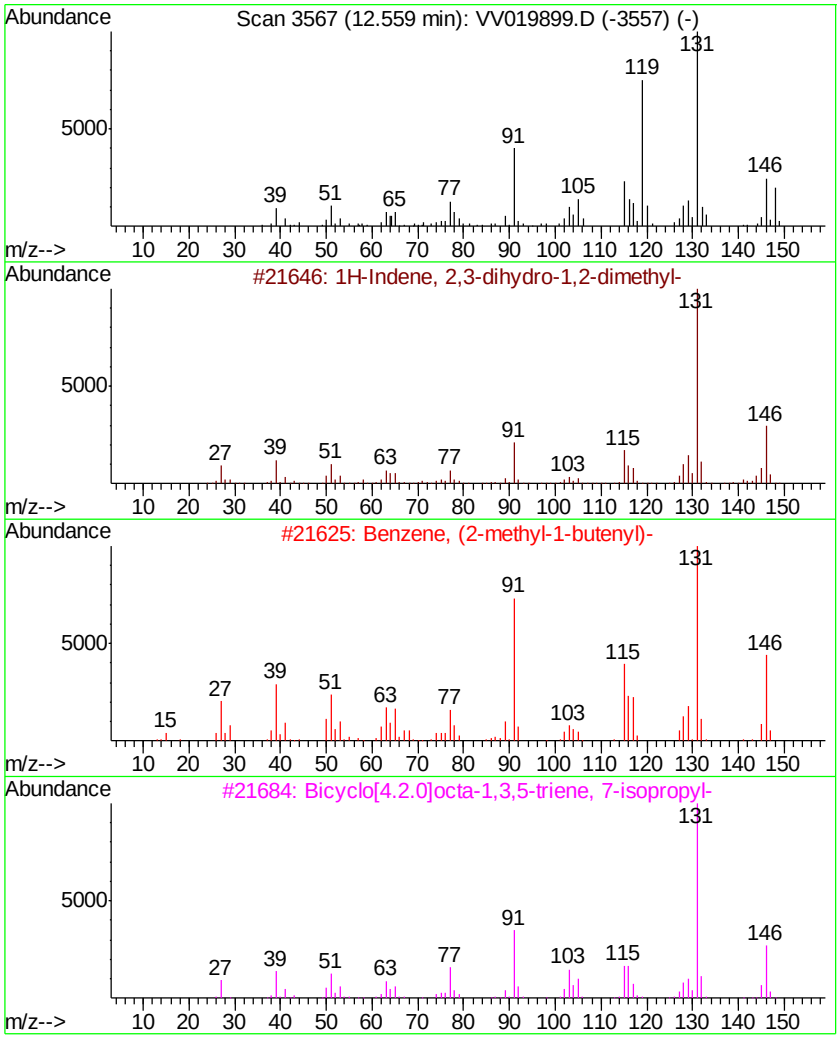
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

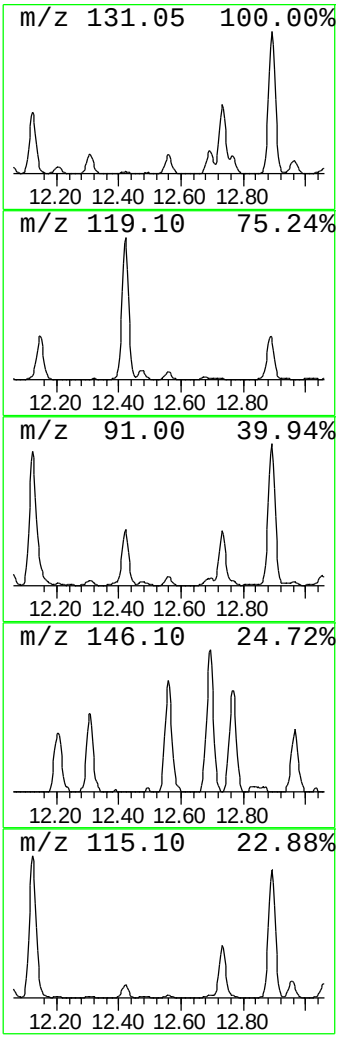
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	3.76 ug/L	125069	1,4-Dichlorobenzene-d4	11.26

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	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	80
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	70
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

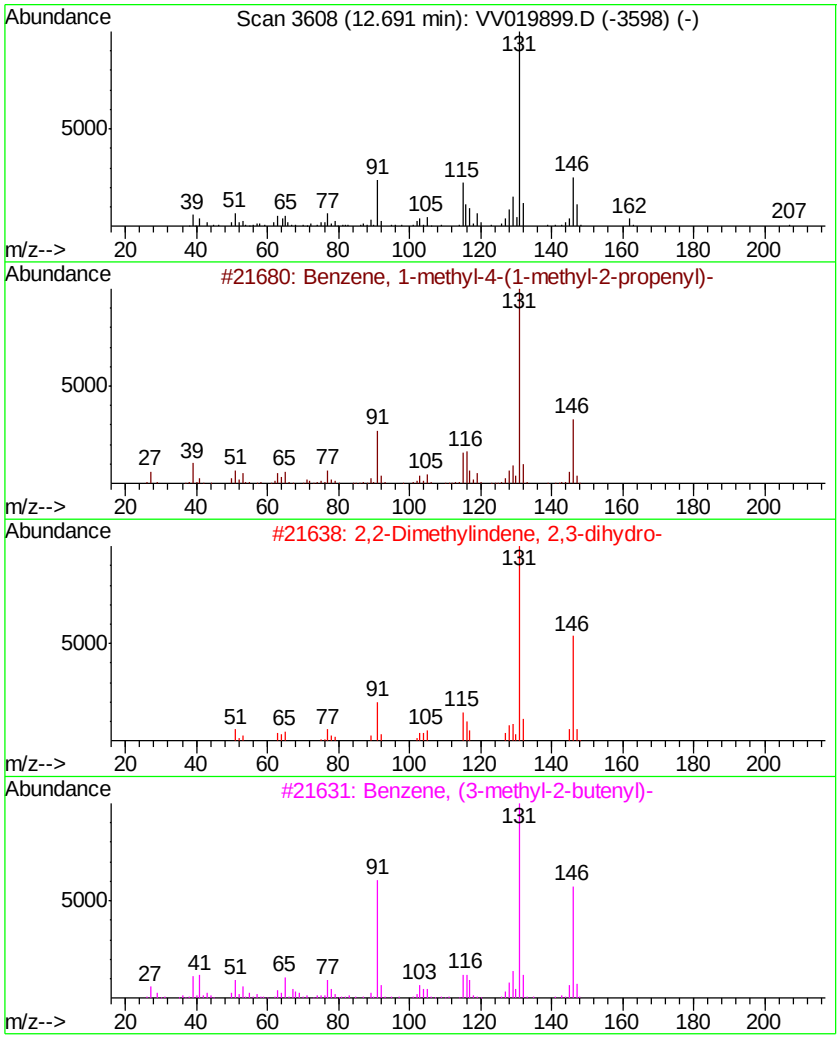
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

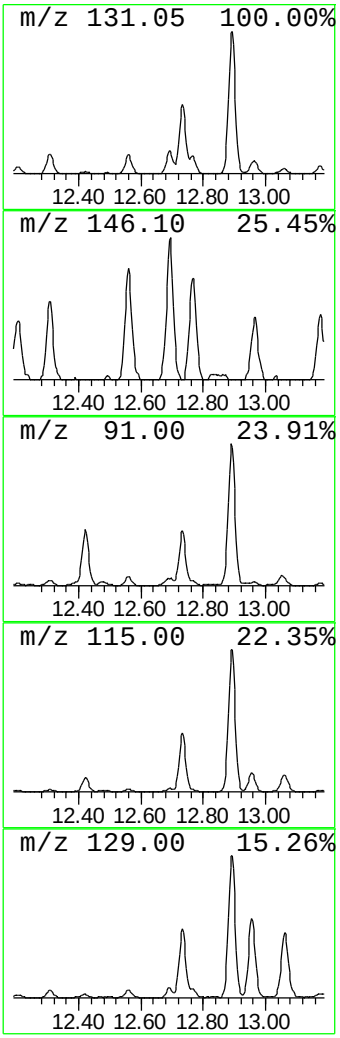
****

Peak Number 37 Benzene, 1-methyl-4-(1-meth... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	3.18 ug/L	105830	1,4-Dichlorobenzene-d4	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	93
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	93
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

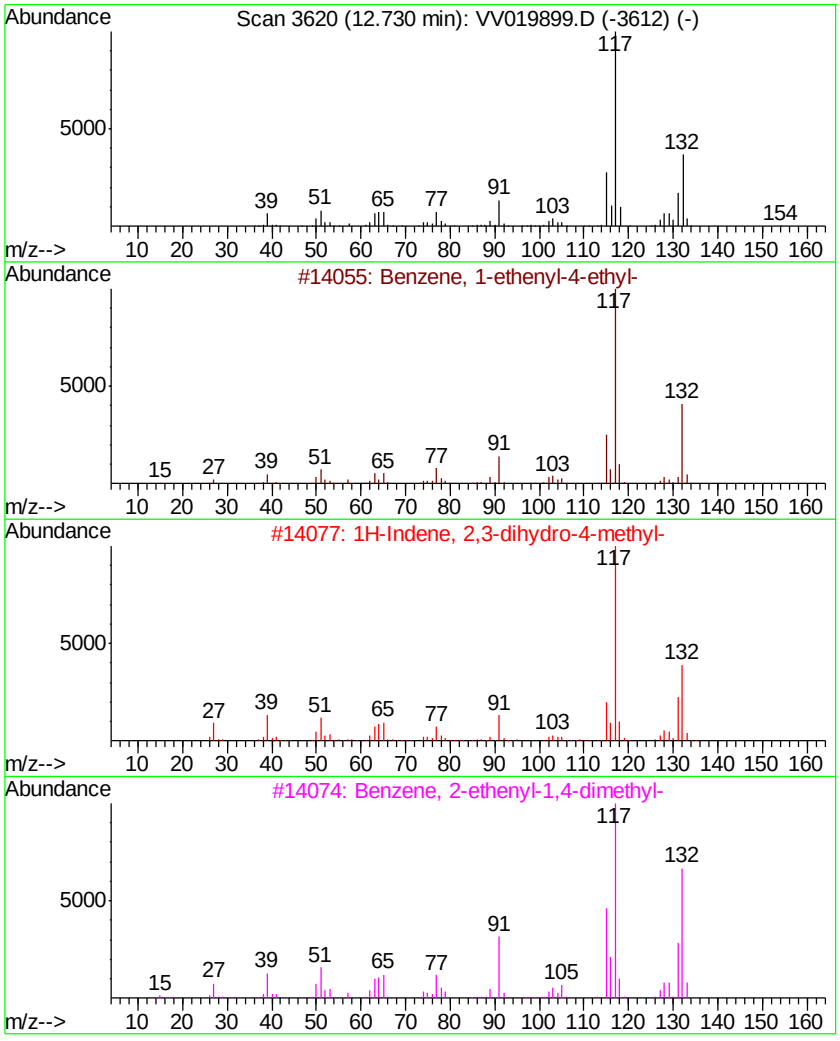
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

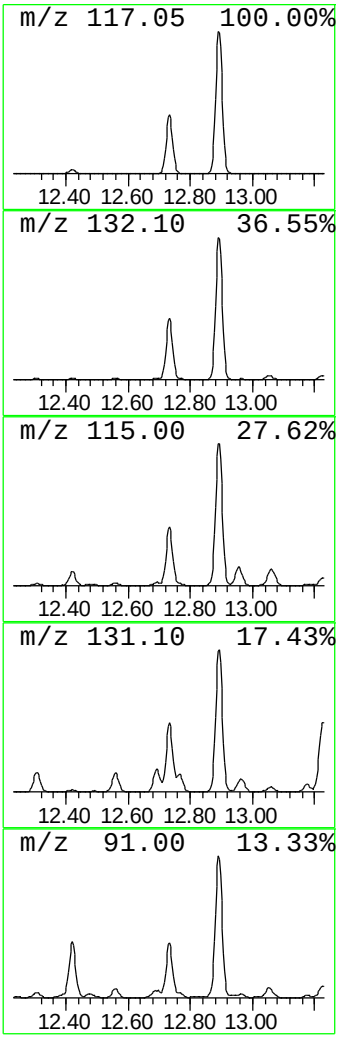
****

Peak Number 38 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	41.27 ug/L	1374490	1,4-Dichlorobenzene-d4	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

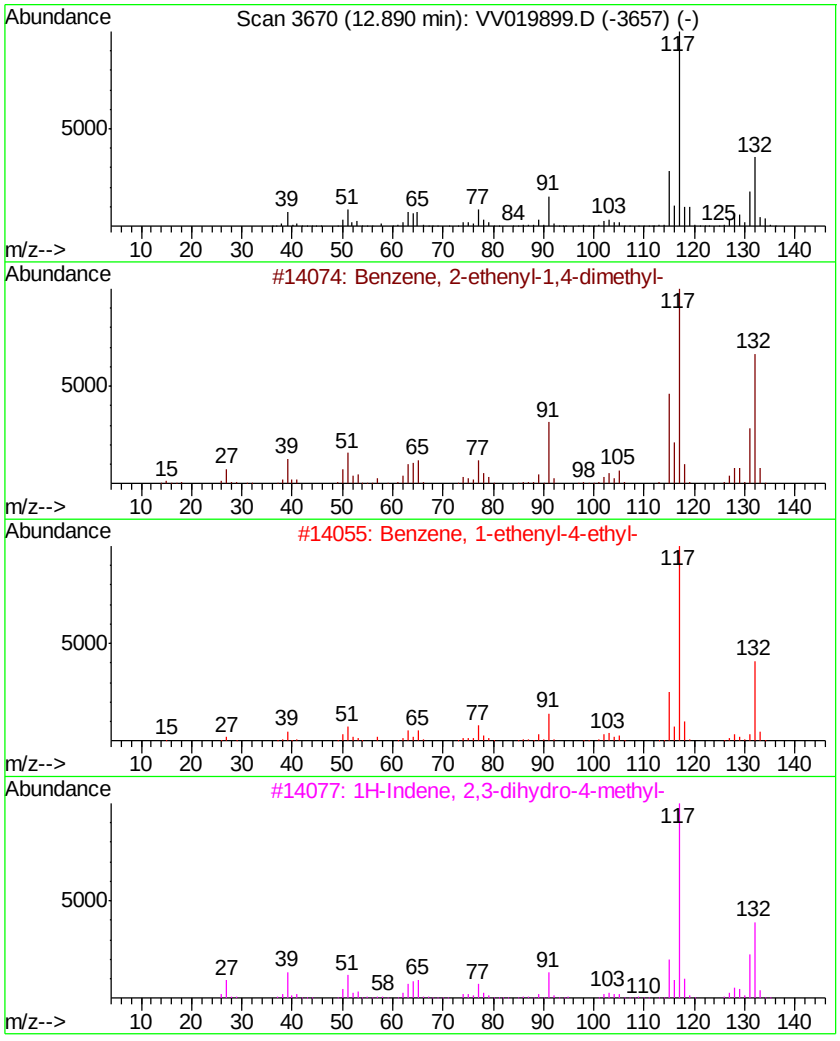
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

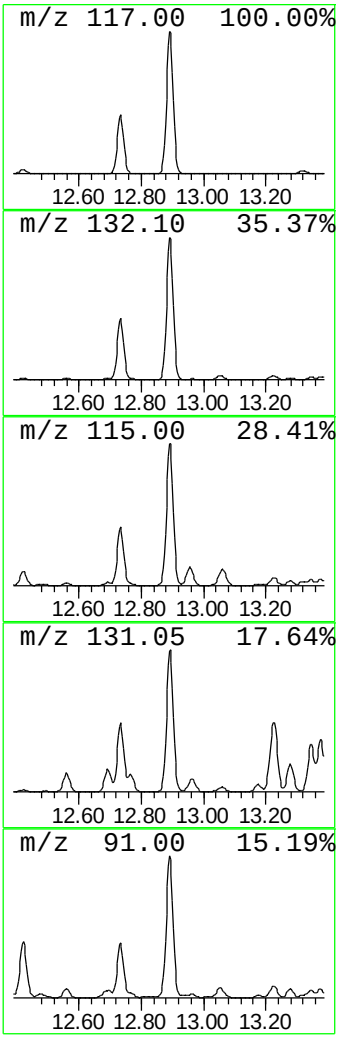
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	101.11 ug/L	3367230	1,4-Dichlorobenzene-d4	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

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

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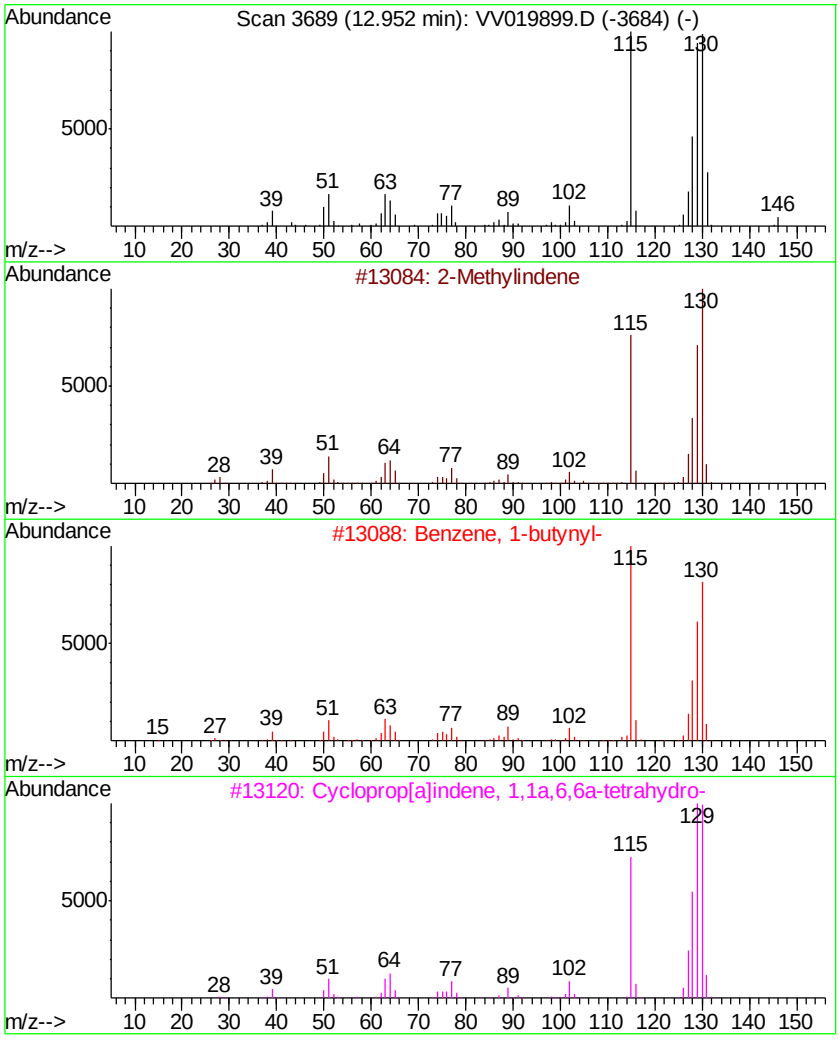
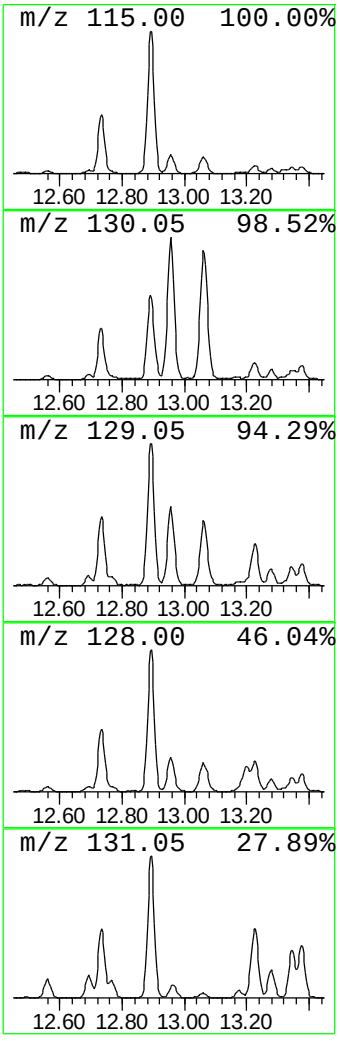
Peak Number 40 2-Methylindene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	6.72 ug/L	223905	1,4-Dichlorobenzene-d4	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	95
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	92
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

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

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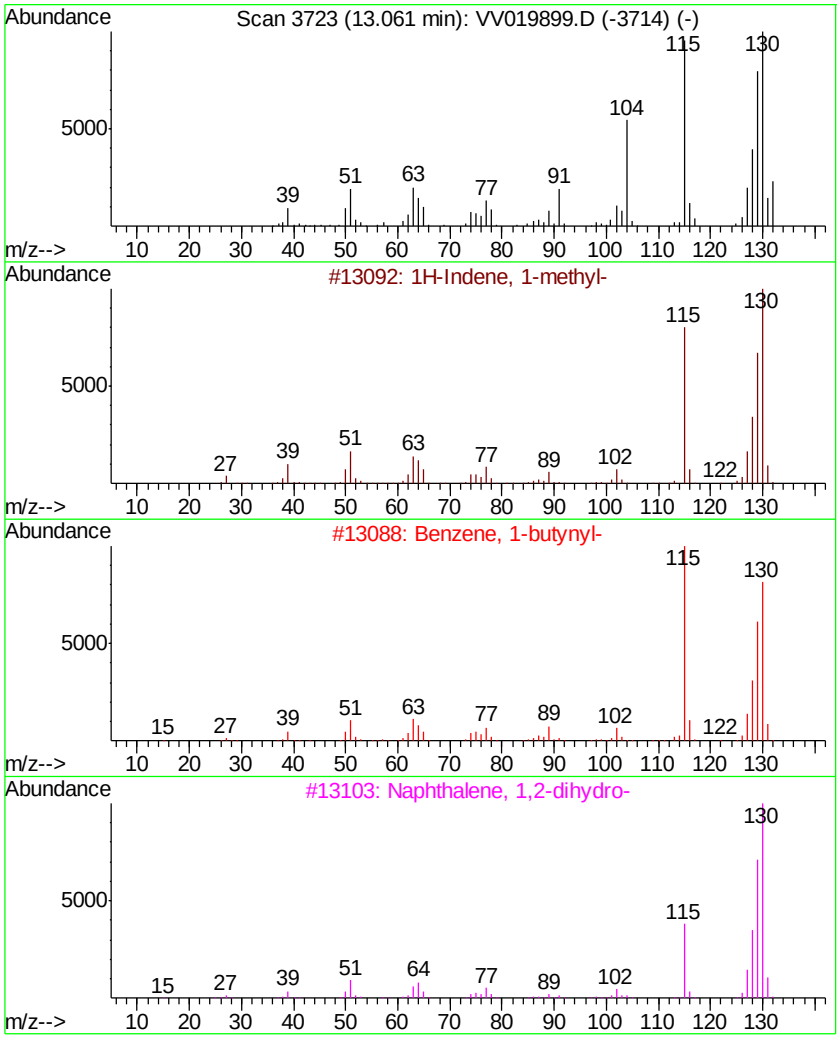
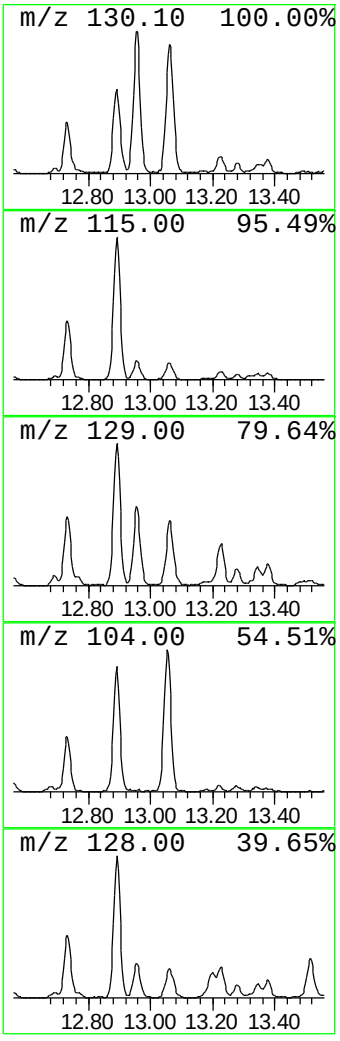
Peak Number 41 1H-Indene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	8.84 ug/L	294329	1,4-Dichlorobenzene-d4	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
3	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	93
4	2-Methylindene	130	C10H10	002177-47-1	92
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	92





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

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

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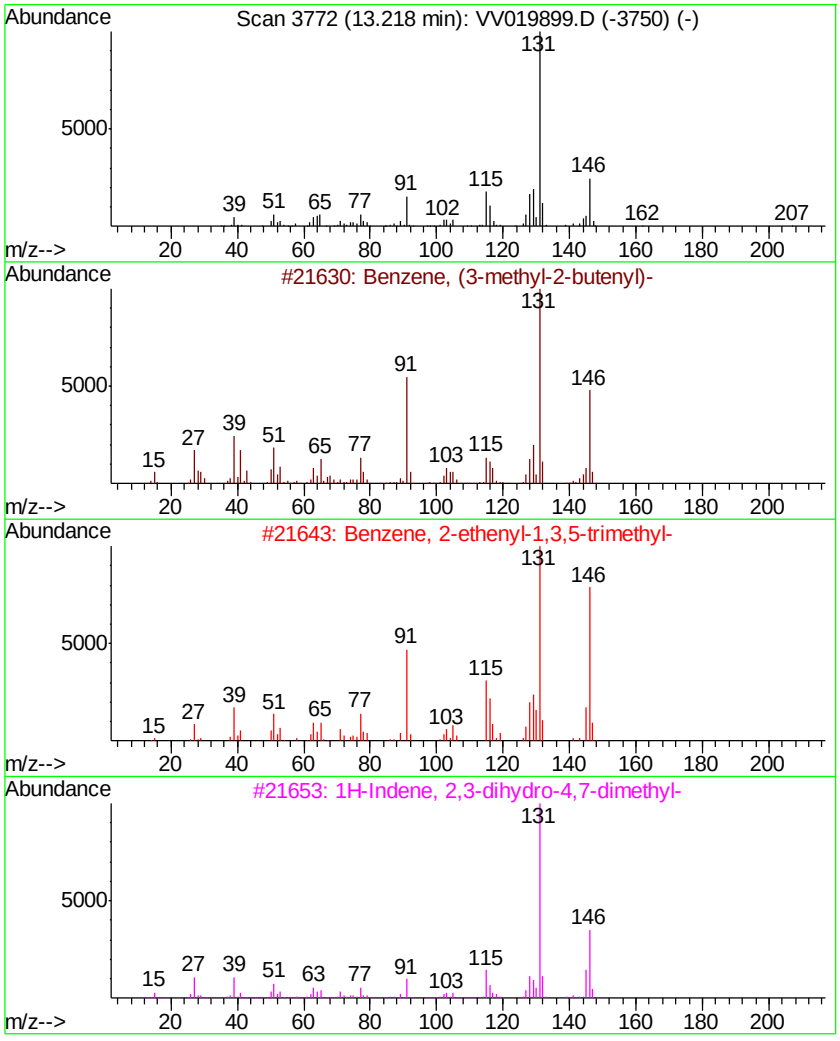
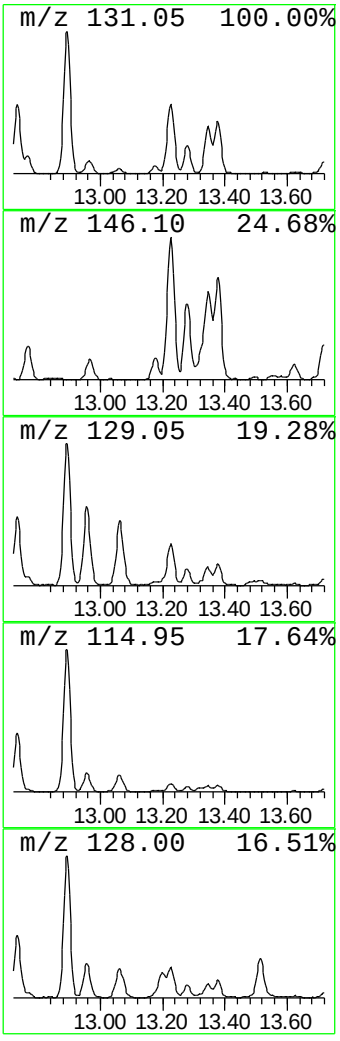
Peak Number 42 Benzene, (3-methyl-2-butenyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	11.37 ug/L	378523	1,4-Dichlorobenzene-d4	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

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

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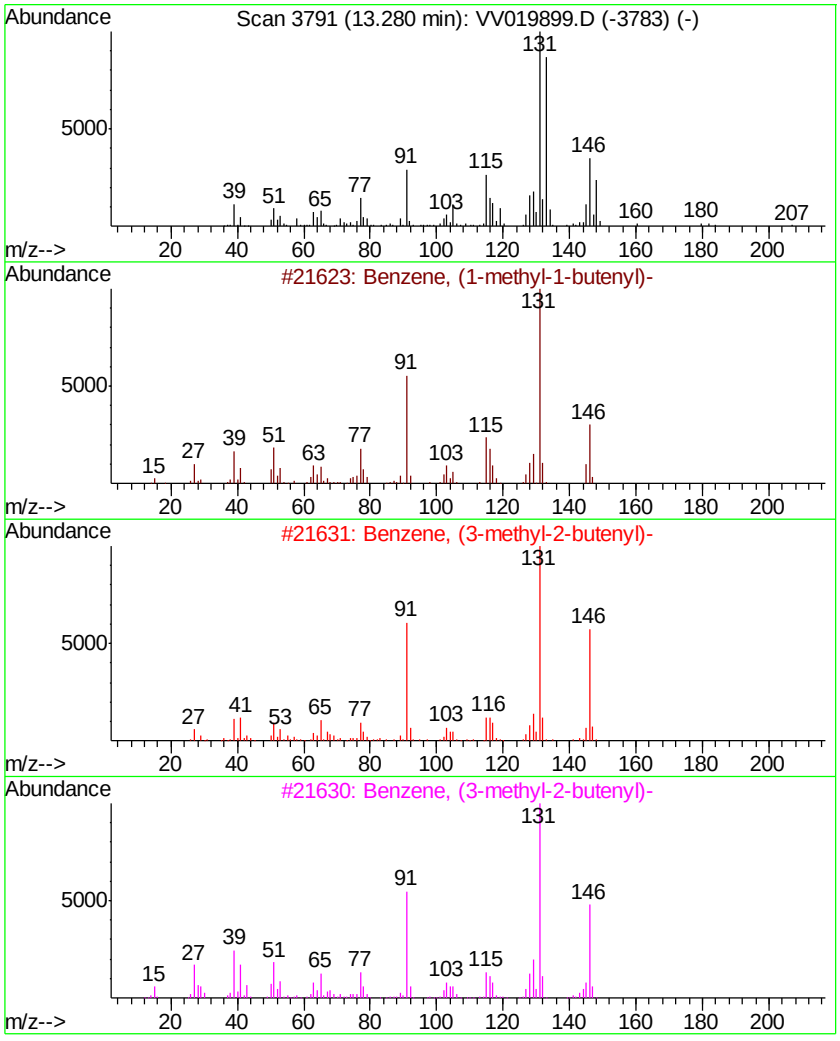
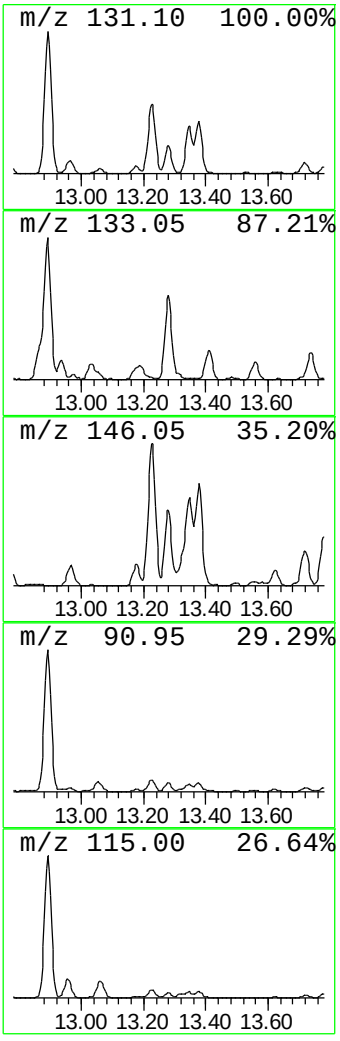
Peak Number 43 Benzene, (1-methyl-1-butenyl)- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	4.92 ug/L	163813	1,4-Dichlorobenzene-d4	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	89
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

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

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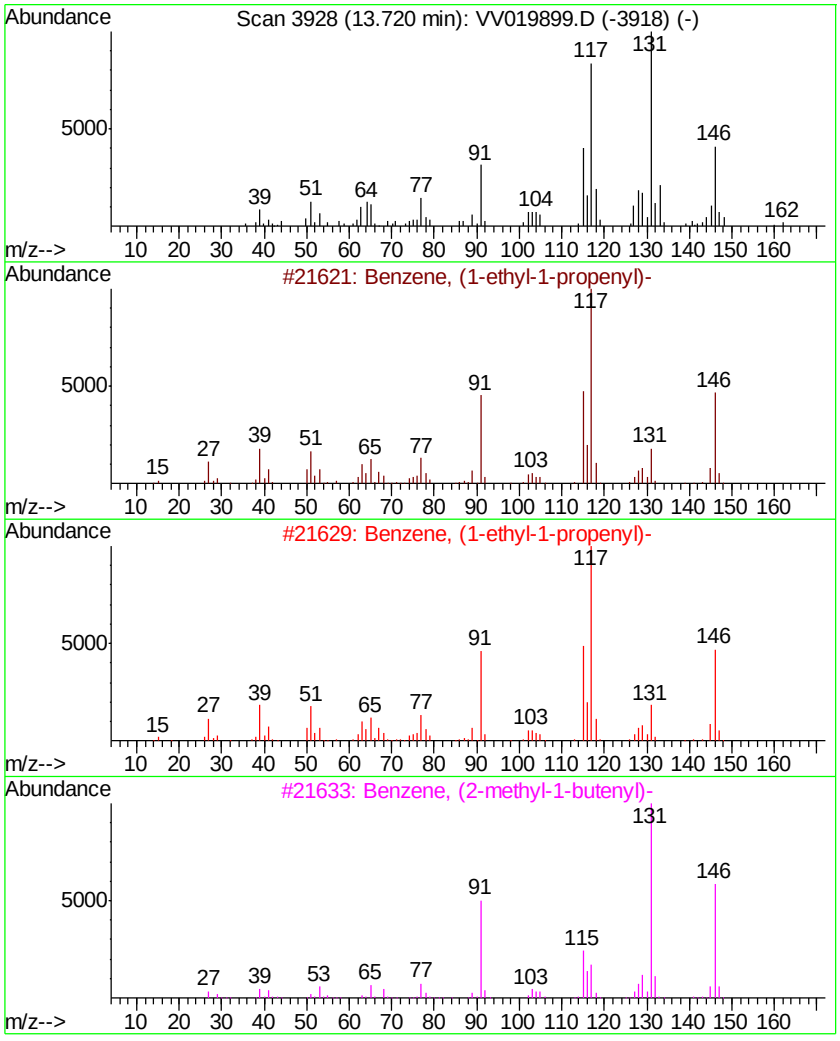
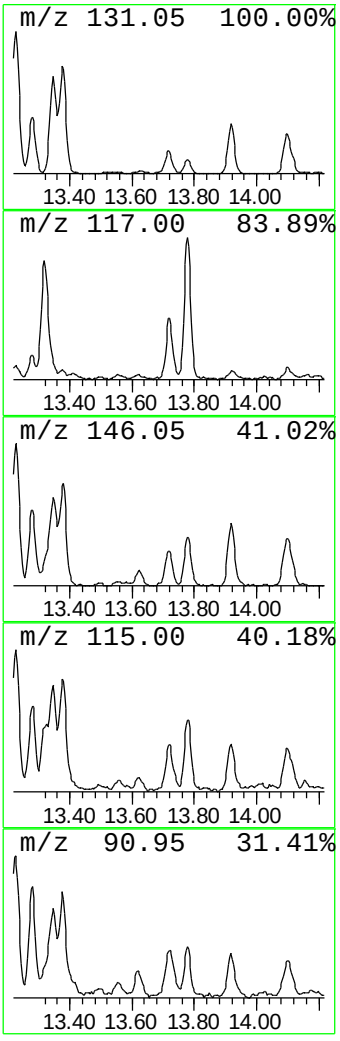
Peak Number 44 Benzene, (1-ethyl-1-propenyl)- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	2.94 ug/L	98059	1,4-Dichlorobenzene-d4	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	90
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	90
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	60
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	58





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis

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

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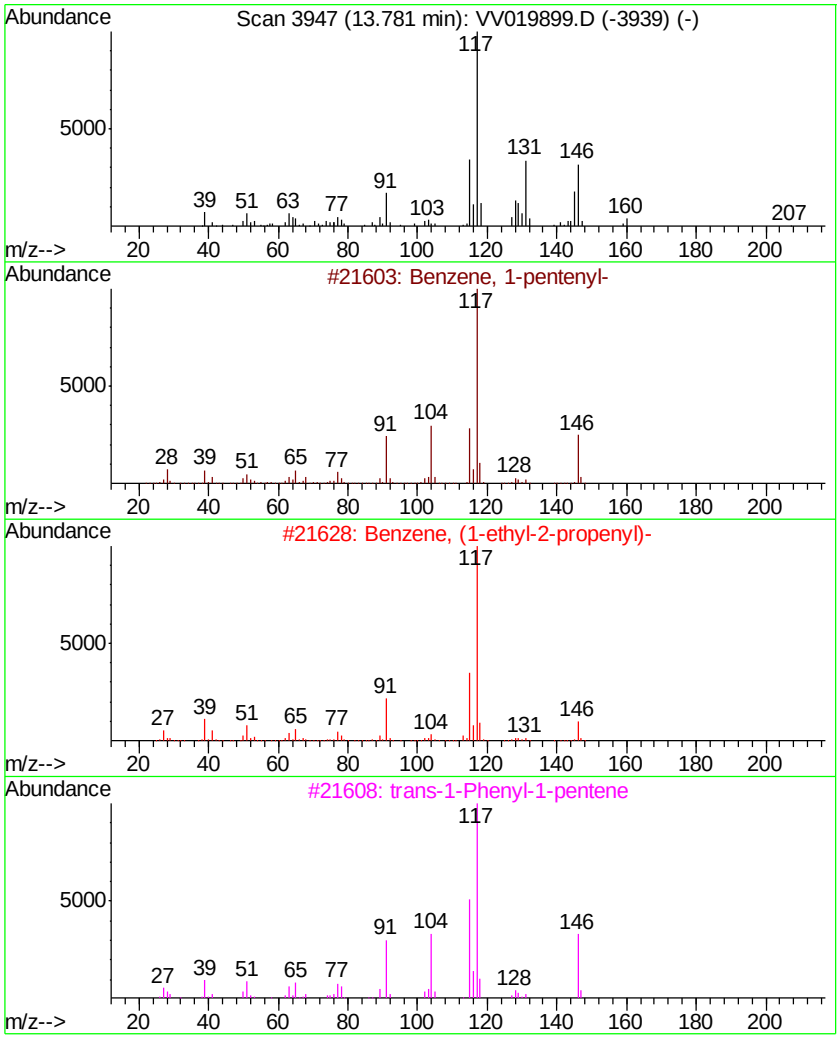
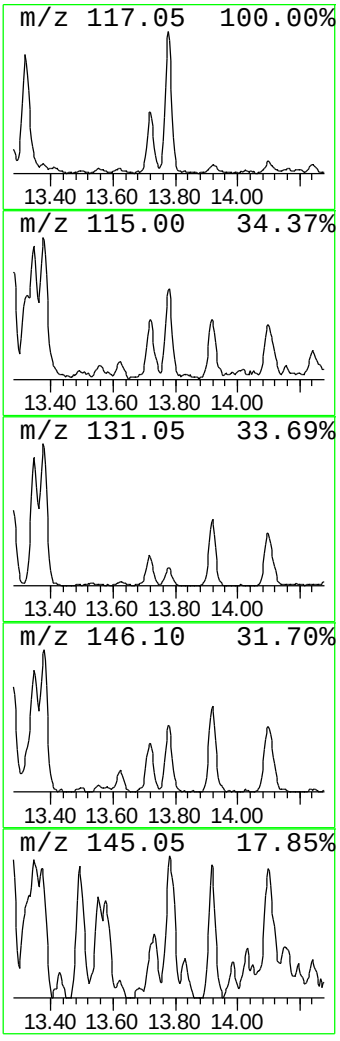
Peak Number 45 Benzene, 1-pentenyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	2.80 ug/L	93359	1,4-Dichlorobenzene-d4	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	68
2	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	64
3	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	59
4	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	58
5	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010521\
Data File : VV019899.D
Acq On : 05 Jan 2021 16:04
Operator : SY/MD
Sample : M1016-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.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: Str...	1.63	2.9	ug/L	92854	1	5.62	1608700	50.0
(DEL) Alkane: Str...	2.50	10.6	ug/L	341963	1	5.62	1608700	50.0
(DEL) Alkane: Str...	2.77	8.7	ug/L	279927	1	5.62	1608700	50.0
(DEL) Alkane: Str...	3.67	22.3	ug/L	716389	1	5.62	1608700	50.0
(DEL) Alkane: Cyc...	3.77	11.5	ug/L	370560	1	5.62	1608700	50.0
(DEL) Alkane: Str...	4.77	72.9	ug/L	2346870	1	5.62	1608700	50.0
(DEL) Alkane: Str...	4.91	4.2	ug/L	135399	1	5.62	1608700	50.0
(DEL) Alkane: Cyc...	5.18	3.7	ug/L	118127	1	5.62	1608700	50.0
(DEL) Alkane: Str...	5.24	45.0	ug/L	1446540	1	5.62	1608700	50.0
(DEL) Alkane: Cyc...	5.32	3.4	ug/L	109984	1	5.62	1608700	50.0
(DEL) Alkane: Str...	6.21	3.0	ug/L	95362	1	5.62	1608700	50.0
(DEL) Alkane: Str...	6.66	32.1	ug/L	1031690	1	5.62	1608700	50.0
(DEL) Alkane: Str...	6.78	55.8	ug/L	1795740	1	5.62	1608700	50.0
Cyclohexene, 1-me...	7.17	5.7	ug/L	183233	1	5.62	1608700	50.0
(DEL) Alkane: Str...	7.27	6.7	ug/L	218823	2	8.86	1643040	50.0
1,4-Pentadiene, 2...	7.85	5.0	ug/L	163014	2	8.86	1643040	50.0
Benzene, propyl-	10.36	26.3	ug/L	876965	3	11.26	1665080	50.0
Benzene, 1-ethyl-...	10.48	5.5	ug/L	183512	3	11.26	1665080	50.0
Benzene, 1,2,3-tr...	10.54	14.7	ug/L	488241	3	11.26	1665080	50.0
Benzene, 1-ethyl-...	10.74	7.8	ug/L	260822	3	11.26	1665080	50.0
Benzene, 1,2,4-tr...	10.92	40.1	ug/L	1336130	3	11.26	1665080	50.0
Benzene, (2-methy...	11.06	3.7	ug/L	121748	3	11.26	1665080	50.0
Benzene, 1-methyl...	11.09	5.5	ug/L	182787	3	11.26	1665080	50.0
Benzene, 1-ethyl-...	11.34	7.5	ug/L	248703	3	11.26	1665080	50.0
o-Cymene	11.46	3.3	ug/L	111172	3	11.26	1665080	50.0
Indane	11.54	201.9	ug/L	6722620	3	11.26	1665080	50.0
Benzene, 1,2-diet...	11.75	7.8	ug/L	260431	3	11.26	1665080	50.0
3a,4,5,6,7,7a-Hex...	11.82	3.0	ug/L	100335	3	11.26	1665080	50.0
Benzene, 2-ethyl-...	11.92	2.7	ug/L	89297	3	11.26	1665080	50.0
Benzene, 1-ethyl-...	12.02	33.8	ug/L	1126730	3	11.26	1665080	50.0
Indan, 1-methyl-	12.12	88.6	ug/L	2949490	3	11.26	1665080	50.0
1H-Indene, 2,3-di...	12.31	2.5	ug/L	84291	3	11.26	1665080	50.0
Benzene, 1,2,3,4-...	12.42	29.3	ug/L	975714	3	11.26	1665080	50.0
Benzene, 4-ethyl-...	12.48	2.8	ug/L	94545	3	11.26	1665080	50.0
1H-Indene, 2,3-di...	12.56	3.8	ug/L	125069	3	11.26	1665080	50.0
Benzene, 1-methyl...	12.69	3.2	ug/L	105830	3	11.26	1665080	50.0
Benzene, 1-etheny...	12.73	41.3	ug/L	1374490	3	11.26	1665080	50.0
Benzene, 2-etheny...	12.89	101.1	ug/L	3367230	3	11.26	1665080	50.0
2-Methylindene	12.95	6.7	ug/L	223905	3	11.26	1665080	50.0
1H-Indene, 1-methyl-	13.06	8.8	ug/L	294329	3	11.26	1665080	50.0
Benzene, (3-methy...	13.22	11.4	ug/L	378523	3	11.26	1665080	50.0
Benzene, (1-methy...	13.28	4.9	ug/L	163813	3	11.26	1665080	50.0
Benzene, (1-ethyl...	13.72	2.9	ug/L	98059	3	11.26	1665080	50.0
Benzene, 1-pentenyl-	13.78	2.8	ug/L	93359	3	11.26	1665080	50.0