LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
Data File : VU030728.D
Acq On : 05 Apr 2019 09:09
Operator : JC/SP
Sample : K2249-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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	1.177	21	27	44	rBV	423454	413247	4.53%	0.724%
2	1.251	45	50	56	rVB	28028	27981	0.31%	0.049%
3	1.395	85	95	101	rBV3	592447	737395	8.09%	1.292%
4	1.514	128	132	137	rVB	15391	13973	0.15%	0.024%
5	1.694	175	188	208	rVB2	1436457	2108420	23.12%	3.694%
6	2.267	356	366	379	rBV2	500554	817561	8.96%	1.432%
7	2.440	410	420	432	rBV	38820	74200	0.81%	0.130%
8	2.588	464	466	470	rBV4	971	771	0.01%	0.001%
9	2.617	470	475	477	rBV2	3495	3599	0.04%	0.006%
10	2.833	530	542	553	rVV2	7446	16147	0.18%	0.028%
11	2.932	570	573	577	rVV3	983	846	0.01%	0.001%
12	2.984	577	589	603	rVB4	18864	40293	0.44%	0.071%
13	3.058	609	612	613	rBV	950	538	0.01%	0.001%
14	3.206	646	658	664	rBV6	2453	5143	0.06%	0.009%
15	3.440	708	731	760	rBV	4100389	9119723	100.00%	15.976%
16	4.218	947	973	1000	rBV2	3392077	8788439	96.37%	15.396%
17	4.643	1092	1105	1130	rVB	303728	764122	8.38%	1.339%
18	4.910	1171	1188	1209	rBV	363213	878720	9.64%	1.539%
19	5.334	1296	1320	1350	rBV3	673922	2023947	22.19%	3.546%
20	5.881	1473	1490	1512	rBV	575922	1148958	12.60%	2.013%
21	6.186	1573	1585	1601	rBV3	34236	68365	0.75%	0.120%
22	6.324	1614	1628	1646	rBV	450711	913849	10.02%	1.601%
23	6.736	1753	1756	1761	rVB5	1321	1126	0.01%	0.002%
24	6.804	1773	1777	1782	rVV4	809	873	0.01%	0.002%
25	6.832	1782	1786	1789	rVB4	793	718	0.01%	0.001%
26	6.855	1789	1793	1796	rVB2	632	557	0.01%	0.001%
27	6.894	1801	1805	1807	rBV5	1784	1453	0.02%	0.003%
28	6.906	1807	1809	1819	rVB7	2289	2982	0.03%	0.005%
29	7.225	1894	1908	1927	rBV	233058	435350	4.77%	0.763%
30	7.395	1958	1961	1964	rBV5	962	758	0.01%	0.001%
31	7.466	1976	1983	1992	rBV5	5562	10796	0.12%	0.019%
32	7.559	2000	2012	2026	rBV	851734	1496937	16.41%	2.622%
33	7.633	2026	2035	2054	rVB	245049	445548	4.89%	0.781%
34	7.845	2091	2101	2115	rBV2	159353	283731	3.11%	0.497%

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Sample : K2249-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Title : VOC Analysis

35	8.041	2155	2162	2170	rVB8	3284	5877	0.06%	0.010%
36	8.106	2178	2182	2185	rBV4	957	767	0.01%	0.001%
37	8.157	2195	2198	2199	rBV4	1554	874	0.01%	0.002%
38	8.225	2207	2219	2234	rBV	150553	261193	2.86%	0.458%
39	8.308	2234	2245	2284	rVV	615380	1140097	12.50%	1.997%
40	8.543	2310	2318	2327	rVB3	12790	22417	0.25%	0.039%
41	8.604	2331	2337	2346	rVB10	4744	7148	0.08%	0.013%
42	8.720	2367	2373	2378	rVB6	1289	1767	0.02%	0.003%
43	8.836	2406	2409	2414	rVV5	1252	1124	0.01%	0.002%
44	8.894	2425	2427	2430	rBV2	972	616	0.01%	0.001%
45	8.945	2435	2443	2444	rBV4	1614	1531	0.02%	0.003%
46	8.987	2450	2456	2470	rVB6	5589	8680	0.10%	0.015%
47	9.086	2472	2487	2510	rBV	851527	1450084	15.90%	2.540%
48	9.247	2526	2537	2561	rBV	345940	567142	6.22%	0.994%
49	9.369	2564	2575	2611	rVB	643599	1122765	12.31%	1.967%
50	9.566	2628	2636	2642	rBV7	4887	6585	0.07%	0.012%
51	9.720	2672	2684	2687	rBV6	5464	8262	0.09%	0.014%
52	9.774	2690	2701	2726	rVB	537049	874008	9.58%	1.531%
53	9.948	2737	2755	2773	rVB4	21880	43692	0.48%	0.077%
54	10.048	2773	2786	2797	rBV4	8716	18643	0.20%	0.033%
55	10.164	2811	2822	2841	rBV	98673	164450	1.80%	0.288%
56	10.244	2841	2847	2856	rVB8	3719	5971	0.07%	0.010%
57	10.315	2861	2869	2877	rBV4	4788	7533	0.08%	0.013%
58	10.373	2877	2887	2893	rBV6	14908	23425	0.26%	0.041%
59	10.427	2893	2904	2920	rBV	588096	944873	10.36%	1.655%
60	10.585	2941	2953	2969	rBV	316605	510725	5.60%	0.895%
61	10.678	2970	2982	3000	rVV	764935	1712695	18.78%	3.000%
62	10.768	3000	3010	3030	rVB	815249	1264264	13.86%	2.215%
63	10.919	3049	3057	3060	rBV6	3281	4950	0.05%	0.009%
64	10.967	3060	3072	3098	rVB	836208	1308610	14.35%	2.292%
65	11.096	3102	3112	3115	rBV3	12157	16262	0.18%	0.028%
66	11.144	3115	3127	3157	rVB	3834432	5788887	63.48%	10.141%
67	11.289	3164	3172	3175	rBV3	25892	36818	0.40%	0.064%
68	11.321	3176	3182	3195	rVB	71746	112392	1.23%	0.197%
69	11.424	3203	3214	3221	rBV	116134	174508	1.91%	0.306%
70	11.479	3221	3231	3247	rVV	916590	1483497	16.27%	2.599%
71	11.565	3247	3258	3283	rVB	1568524	2406197	26.38%	4.215%

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Sample : K2249-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Title : VOC Analysis

72	11.684	3289	3295	3307	rVB2	23487	36176	0.40%	0.063%
73	11.765	3307	3320	3328	rBV	381948	709884	7.78%	1.244%
74	11.858	3339	3349	3372	rVB3	952166	1875822	20.57%	3.286%
75	11.977	3378	3386	3399	rVB2	30101	50492	0.55%	0.088%
76	12.051	3400	3409	3424	rVB2	97506	154105	1.69%	0.270%
77	12.144	3428	3438	3442	rBV	130684	197475	2.17%	0.346%
78	12.247	3461	3470	3477	rBV2	154221	233335	2.56%	0.409%
79	12.353	3492	3503	3534	rVB4	88299	264106	2.90%	0.463%
80	12.488	3537	3545	3552	rBV5	14180	21326	0.23%	0.037%
81	12.546	3553	3563	3574	rVB2	71694	123908	1.36%	0.217%
82	12.646	3578	3594	3602	rBV	69305	122229	1.34%	0.214%
83	12.697	3602	3610	3627	rVB	134025	206531	2.26%	0.362%
84	12.784	3629	3637	3644	rBV7	14057	23381	0.26%	0.041%
85	12.922	3673	3680	3685	rBV5	9727	14225	0.16%	0.025%
86	12.961	3686	3692	3708	rVB2	26677	40761	0.45%	0.071%
87	13.115	3721	3740	3756	rBV2	185478	329289	3.61%	0.577%
88	13.286	3784	3793	3806	rVB2	63496	103088	1.13%	0.181%
89	13.372	3815	3820	3821	rBV3	1091	956	0.01%	0.002%
90	13.405	3822	3830	3838	rVV3	5797	10066	0.11%	0.018%
91	13.453	3839	3845	3854	rVB7	5467	8403	0.09%	0.015%
92	13.504	3854	3861	3870	rBV7	15435	29412	0.32%	0.052%
93	13.700	3919	3922	3923	rBV3	978	619	0.01%	0.001%
94	13.742	3924	3935	3960	rVV	136547	276412	3.03%	0.484%
95	14.054	4030	4032	4035	rBV2	956	668	0.01%	0.001%
96	14.350	4112	4124	4135	rBV2	7081	17623	0.19%	0.031%
97	14.453	4154	4156	4159	rBV2	781	528	0.01%	0.001%
98	14.681	4219	4227	4229	rBV7	4765	6444	0.07%	0.011%
99	14.893	4284	4293	4311	rBV4	15015	40338	0.44%	0.071%
100	15.070	4341	4348	4357	rBV3	16873	29009	0.32%	0.051%

Sum of corrected areas: 57083006

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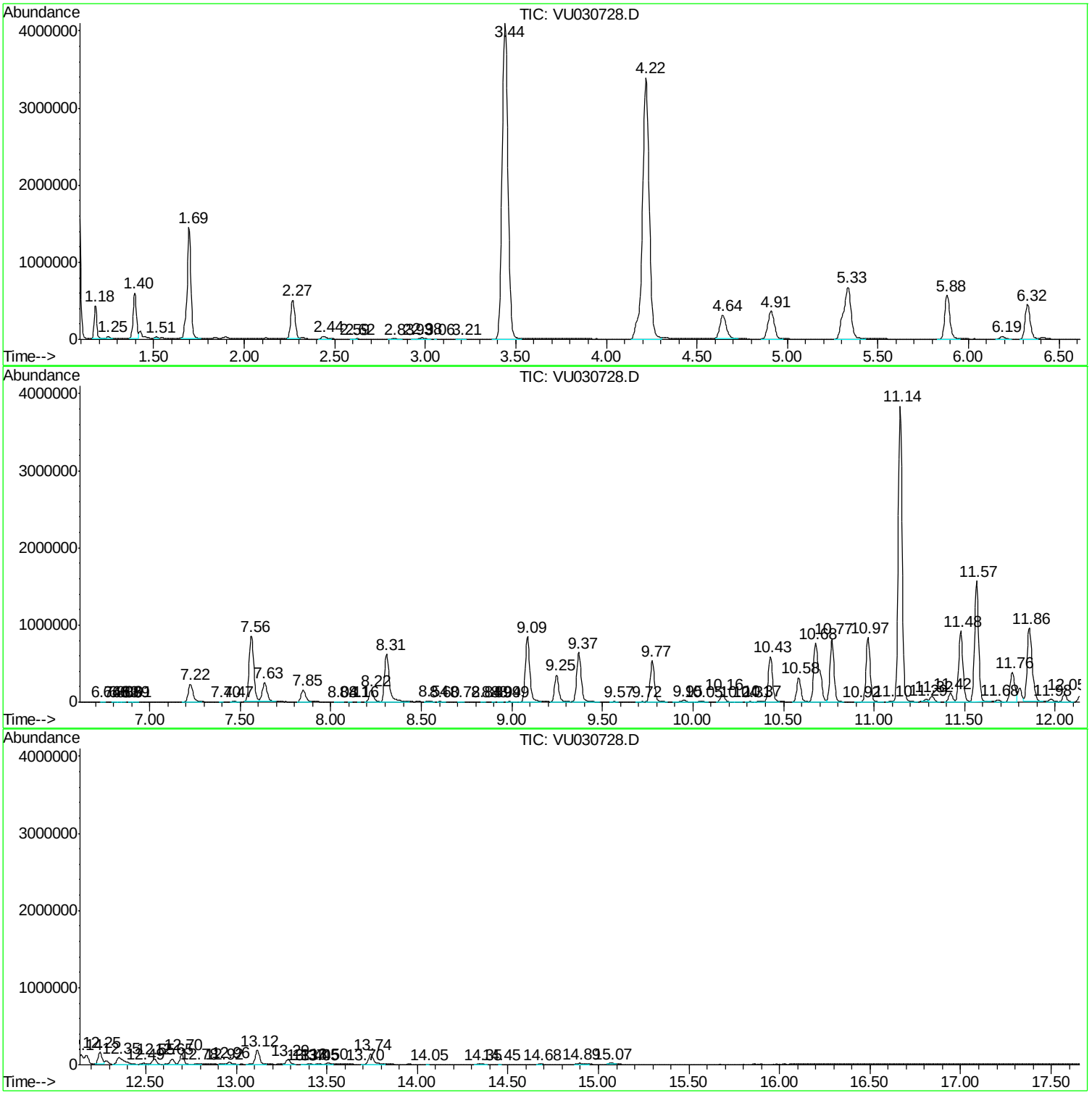
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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



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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

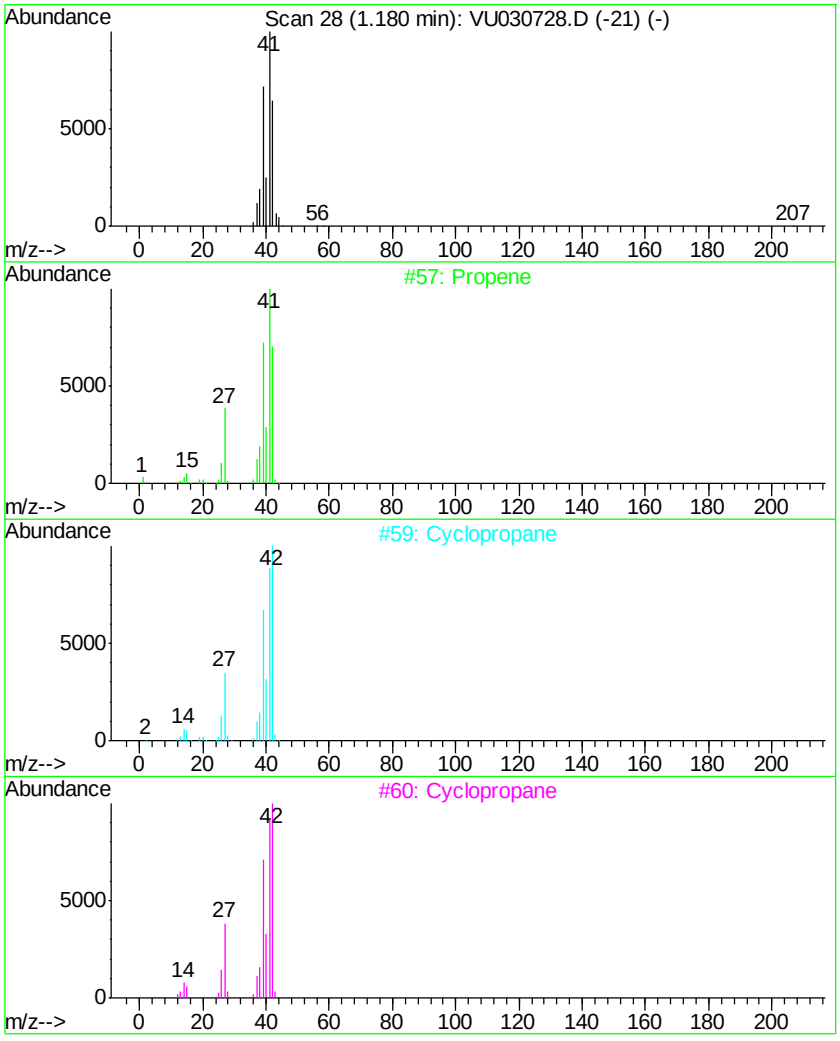
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

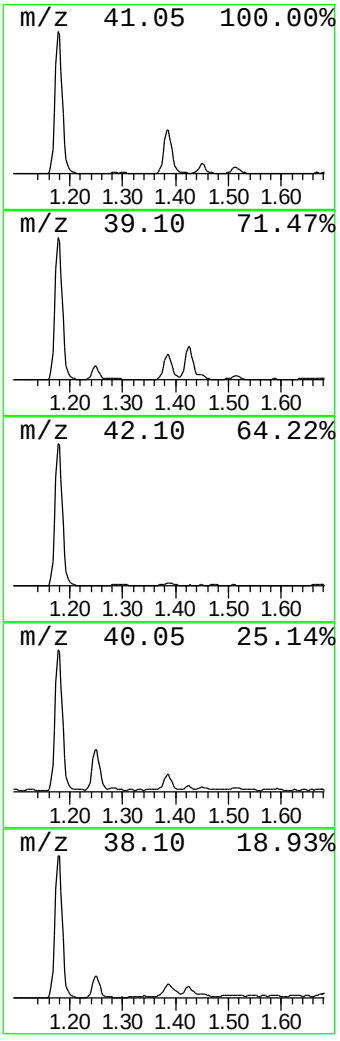
****

Peak Number 1 (DEL) Alkane: Cyclic1.18 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	17.98 ug/L	413247	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	86
2	Cyclopropane	42	C3H6	000075-19-4	72
3	Cyclopropane	42	C3H6	000075-19-4	64
4	Propene	42	C3H6	000115-07-1	38
5	Cyclopropane	42	C3H6	000075-19-4	37





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
Data File : VU030728.D
Acq On : 05 Apr 2019 09:09
Operator : JC/SP
Sample : K2249-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

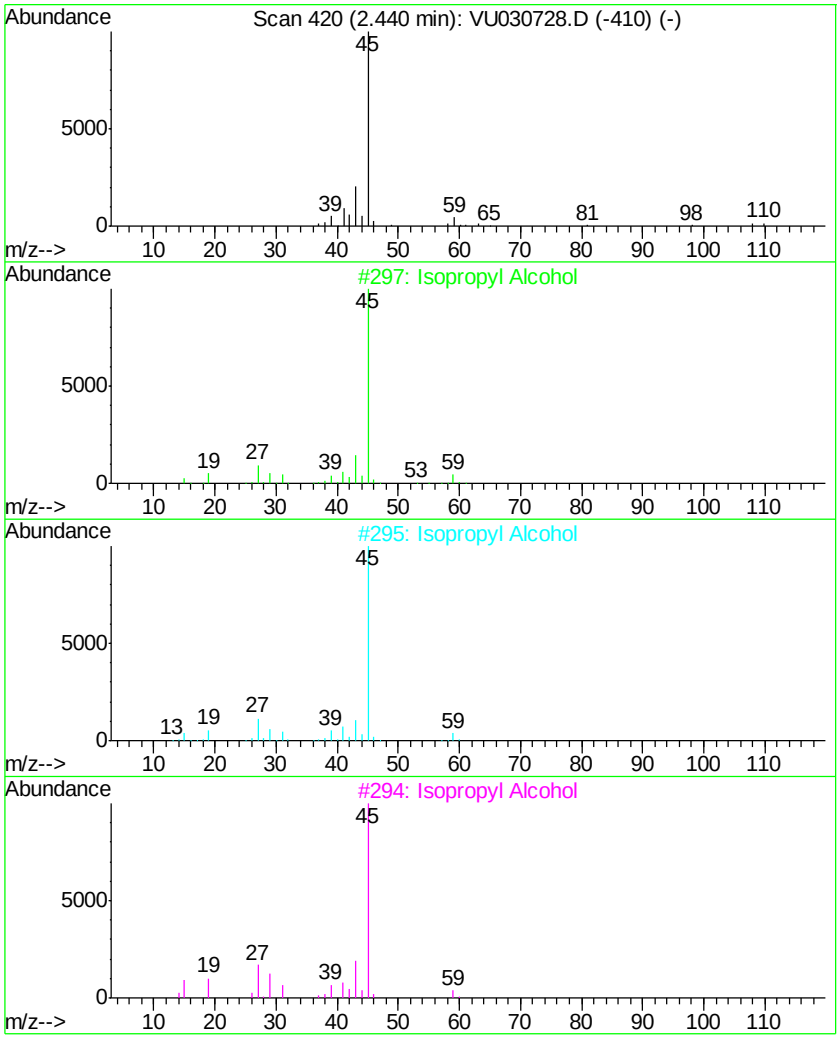
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

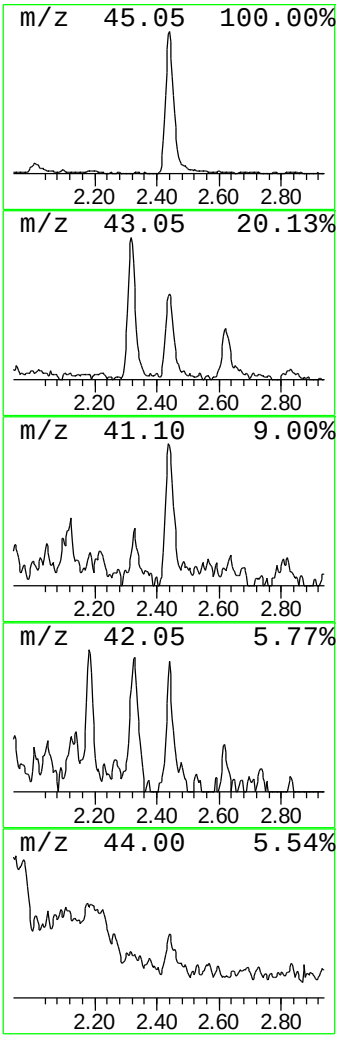
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	3.23 ug/L	74200	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40





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Instrument : MSVOA_U
ClientSampleId : E3YE2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

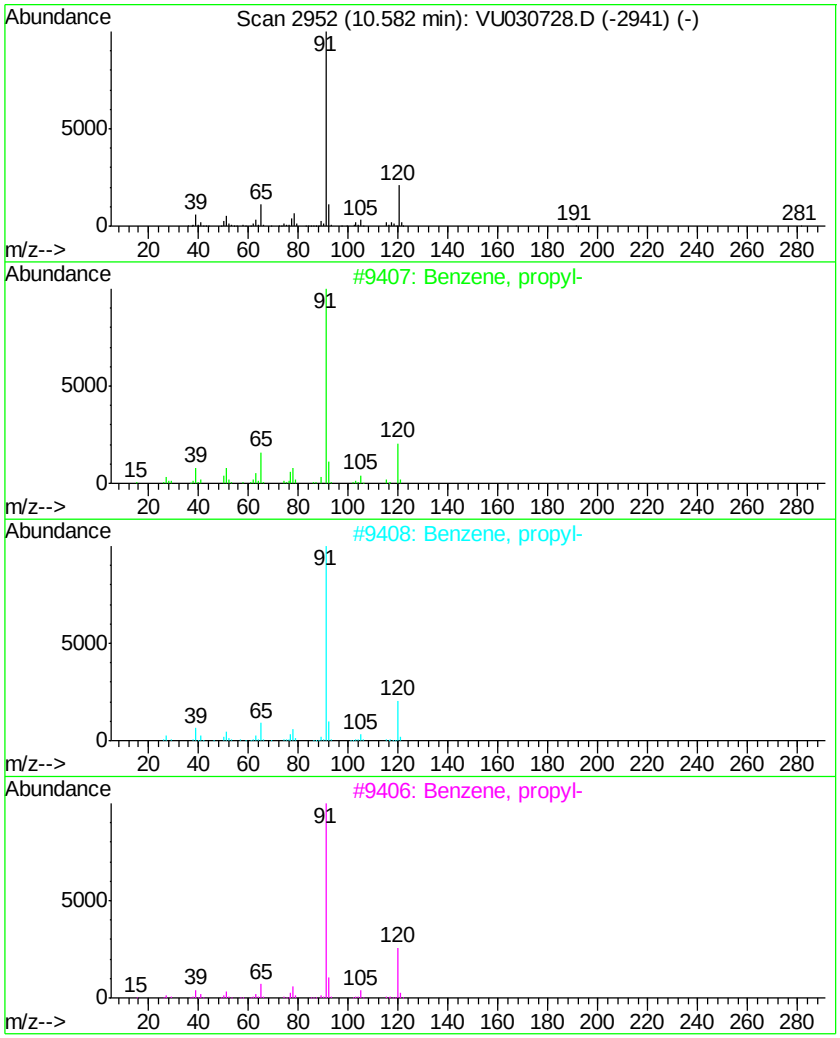
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

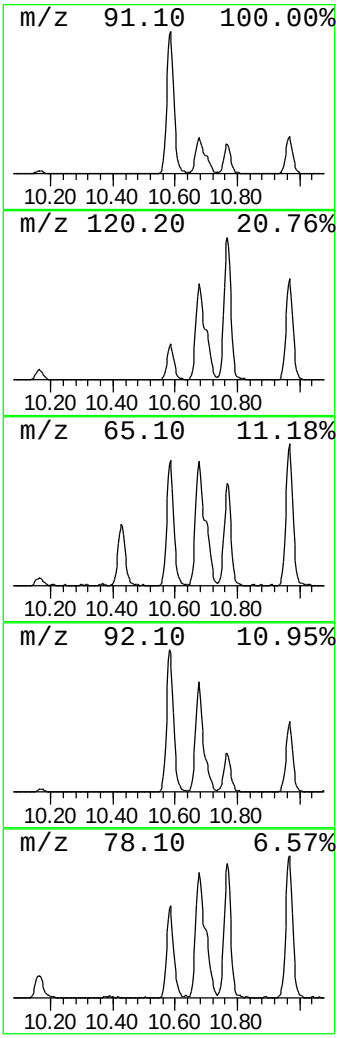
****

Peak Number 4 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	17.21 ug/L	510725	1,4-Dichlorobenzene-d4	11.48

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	87
3	Benzene, propyl-	120	C9H12	000103-65-1	80
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	50
5	Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
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ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE2

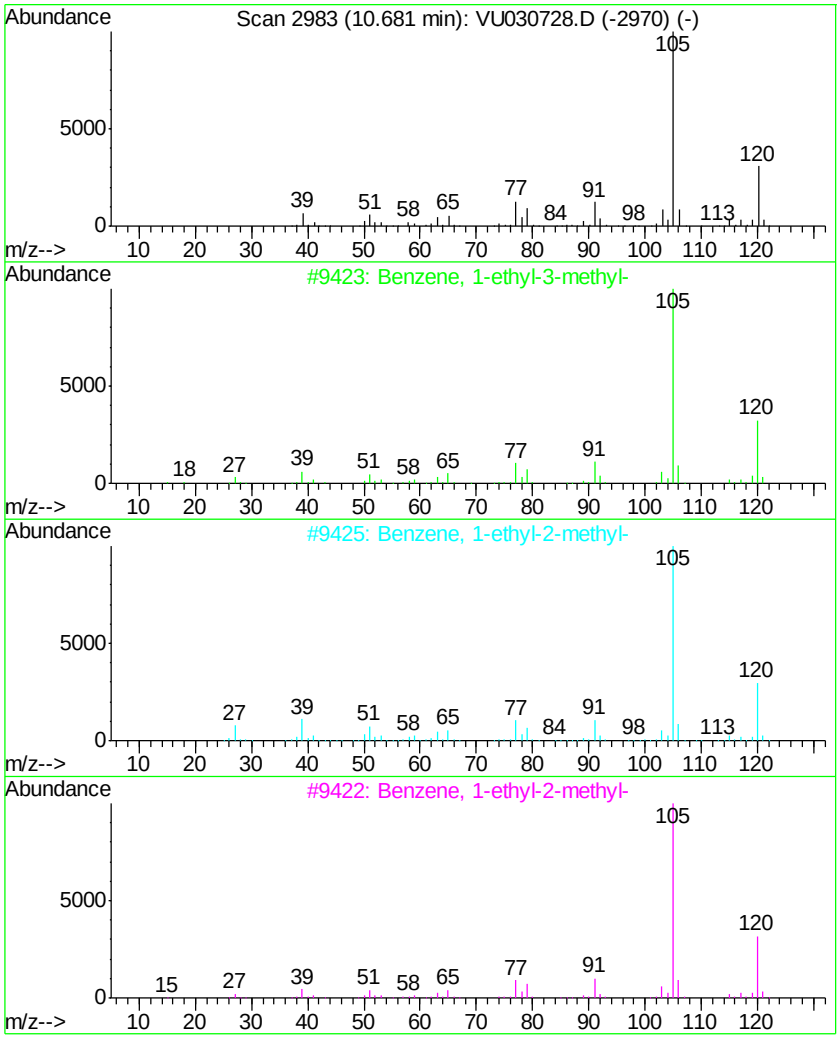
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

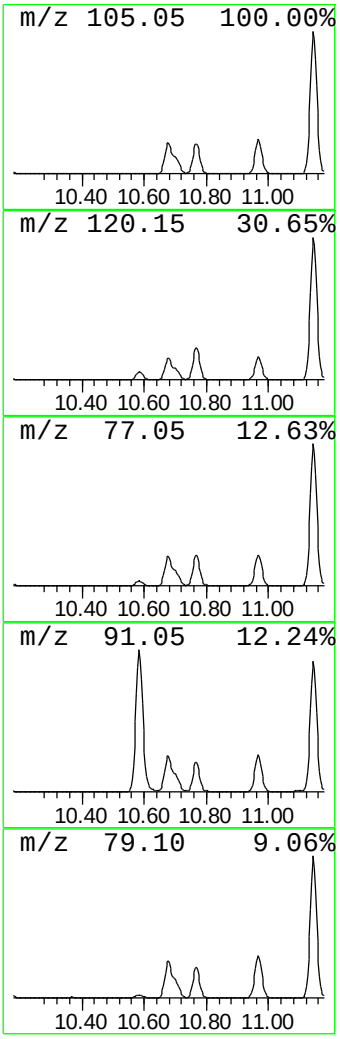
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	57.72 ug/L	1712700	1,4-Dichlorobenzene-d4	11.48

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





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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

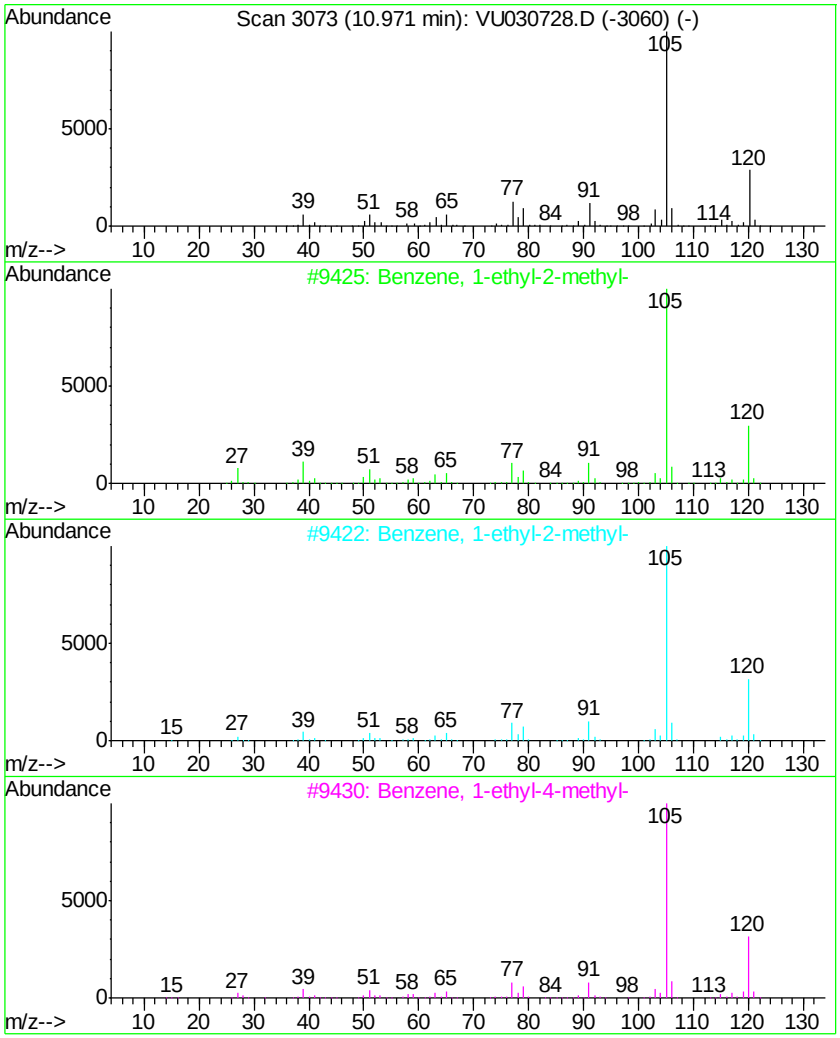
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

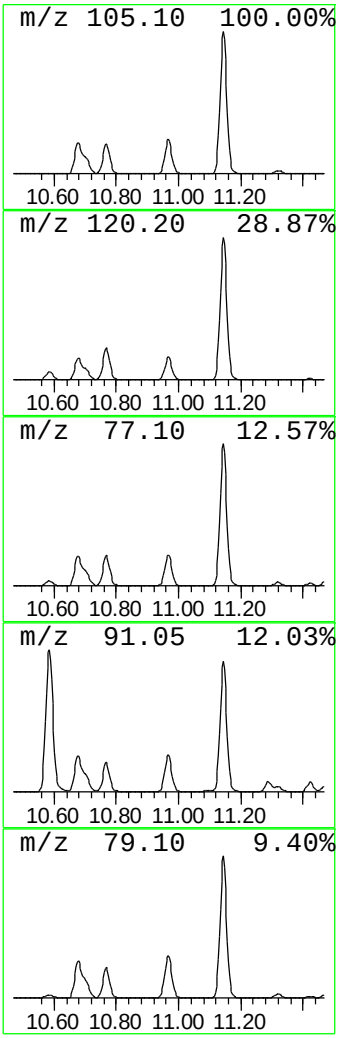
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	44.11 ug/L	1308610	1,4-Dichlorobenzene-d4	11.48

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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030728.D
Acq On : 05 Apr 2019 09:09
Operator : JC/SP
Sample : K2249-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

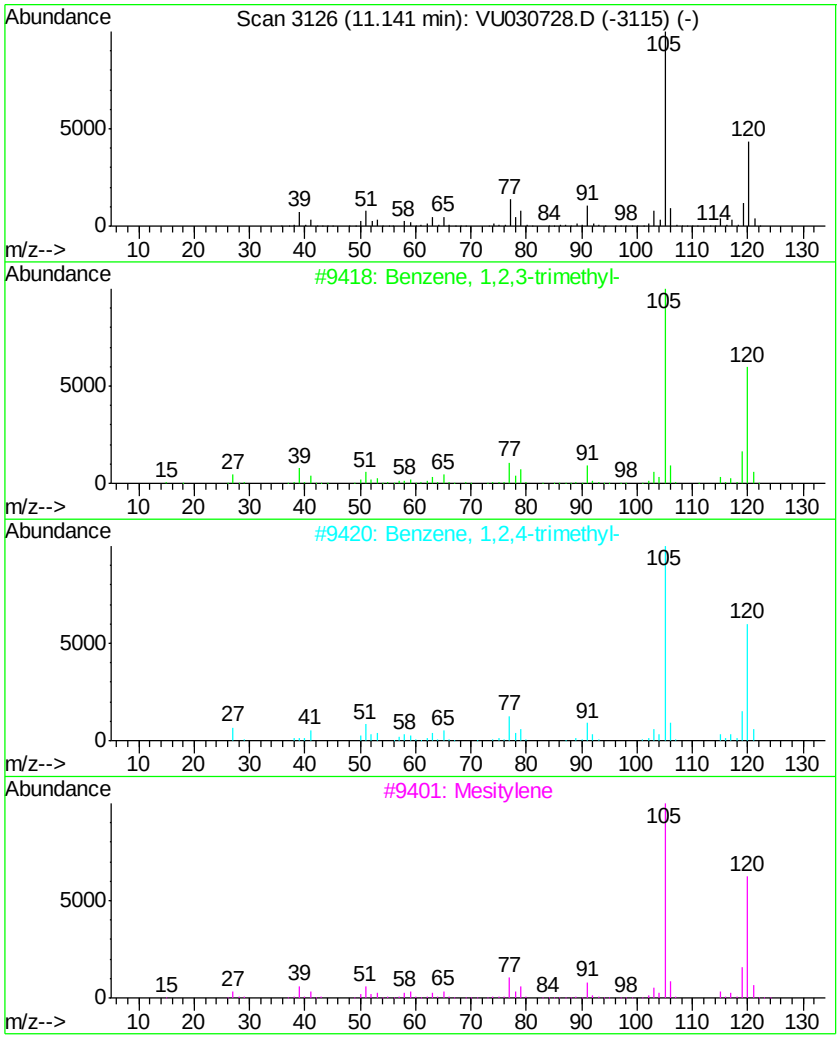
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

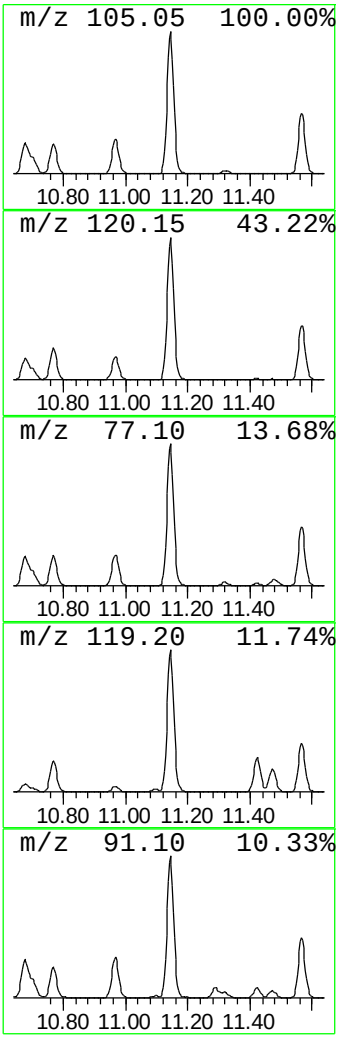
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	195.11 ug/L	5788890	1,4-Dichlorobenzene-d4	11.48

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	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030728.D
Acq On : 05 Apr 2019 09:09
Operator : JC/SP
Sample : K2249-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

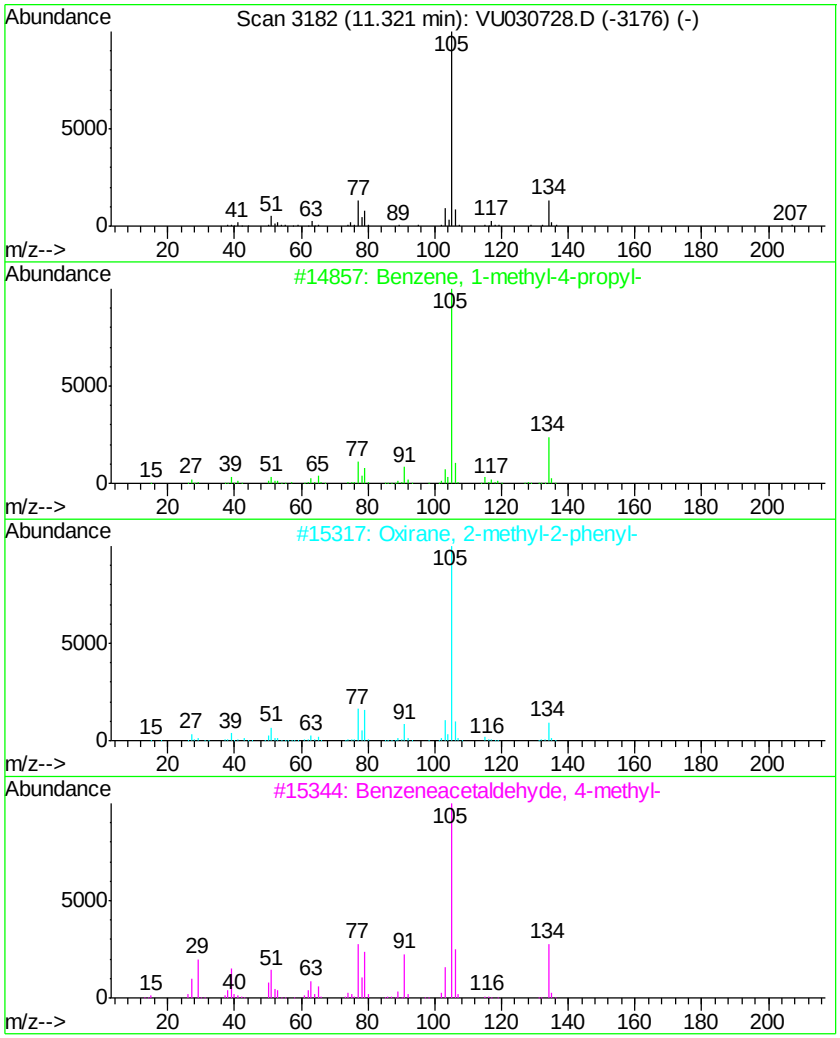
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

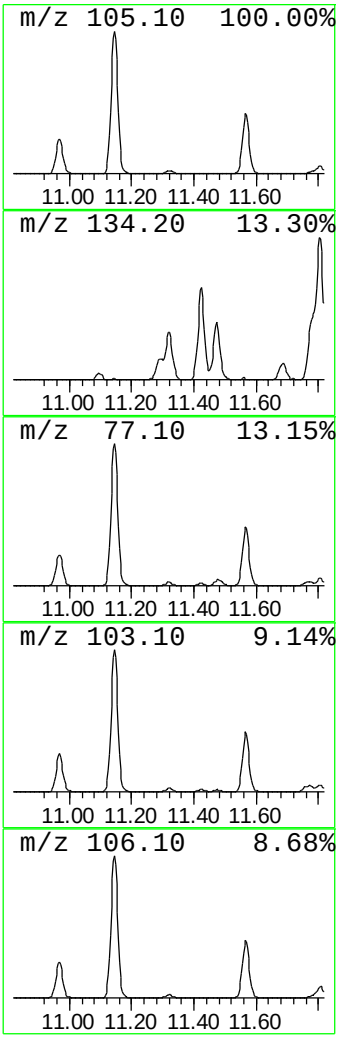
****

Peak Number 9 Benzene, 1-methyl-4-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	3.79 ug/L	112392	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	87
3	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	86
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
Data File : VU030728.D
Acq On : 05 Apr 2019 09:09
Operator : JC/SP
Sample : K2249-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

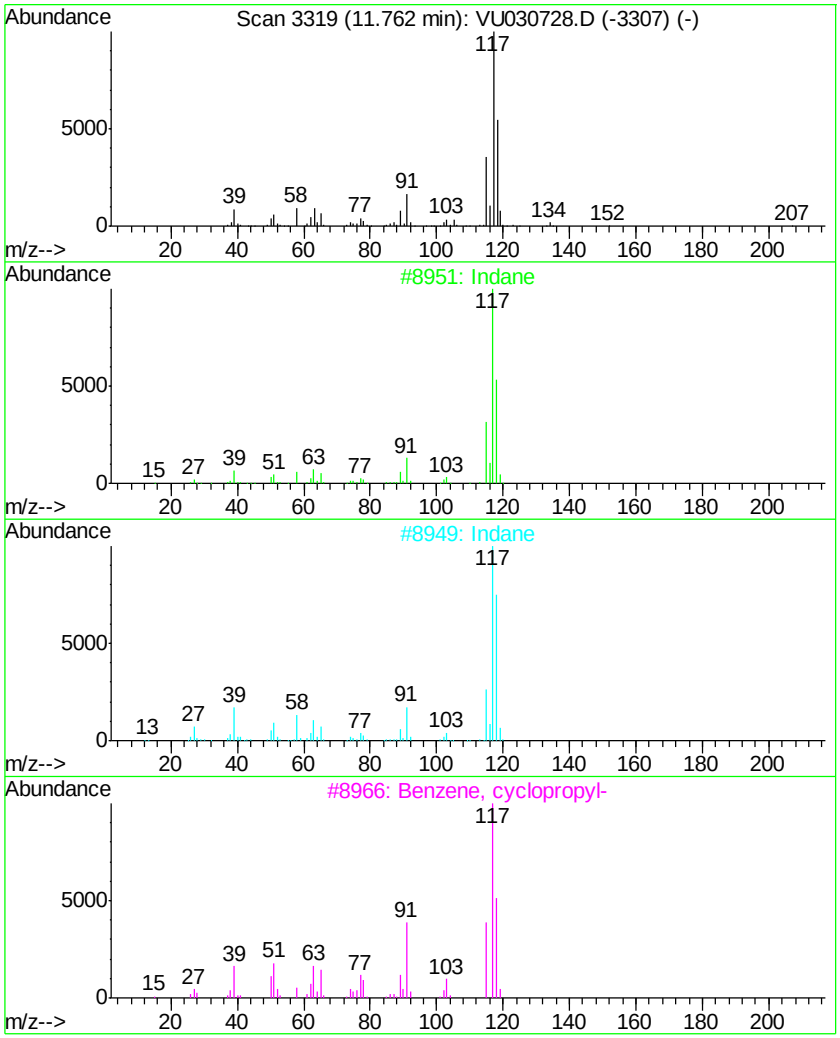
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

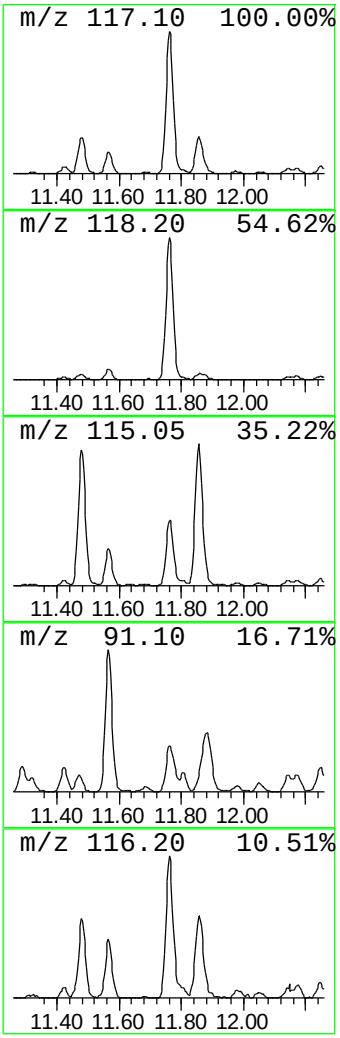
****

Peak Number 12 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	23.93 ug/L	709884	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
5	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030728.D
Acq On : 05 Apr 2019 09:09
Operator : JC/SP
Sample : K2249-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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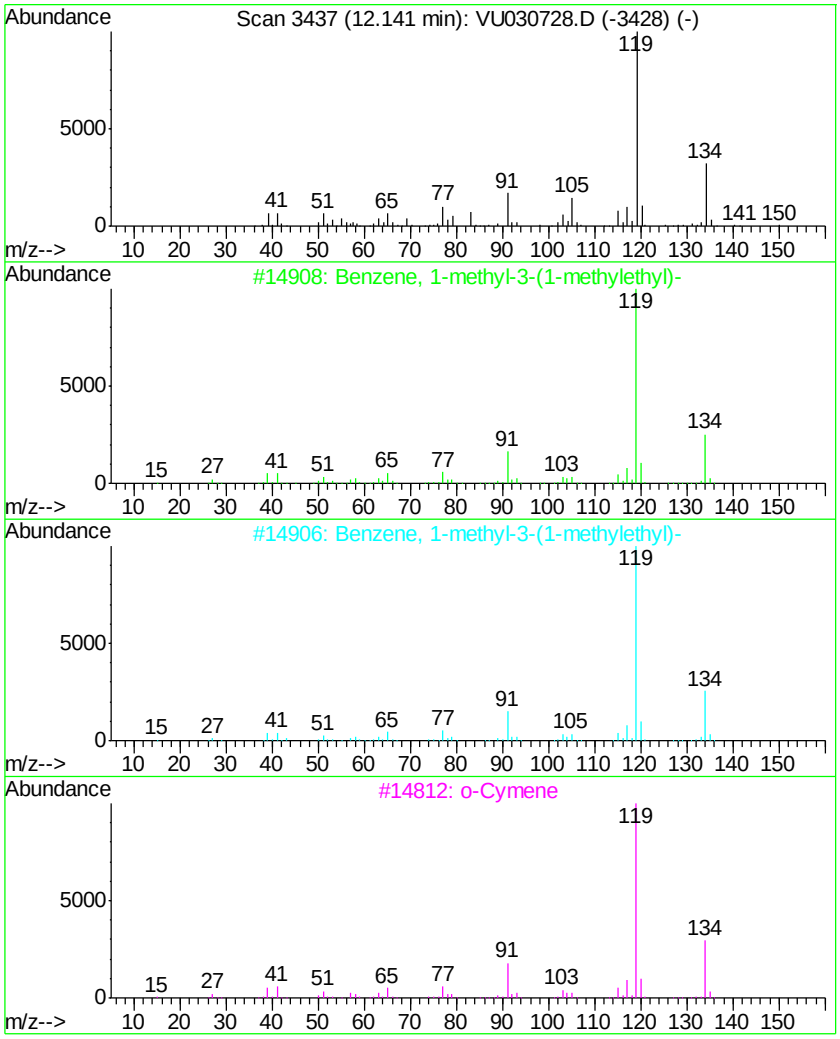
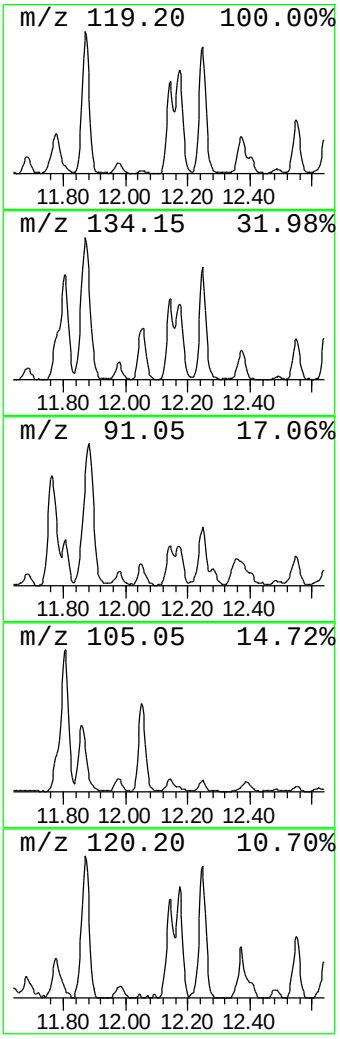
Peak Number 14 Benzene, 1-methyl-3-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	6.66 ug/L	197475	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030728.D
Acq On : 05 Apr 2019 09:09
Operator : JC/SP
Sample : K2249-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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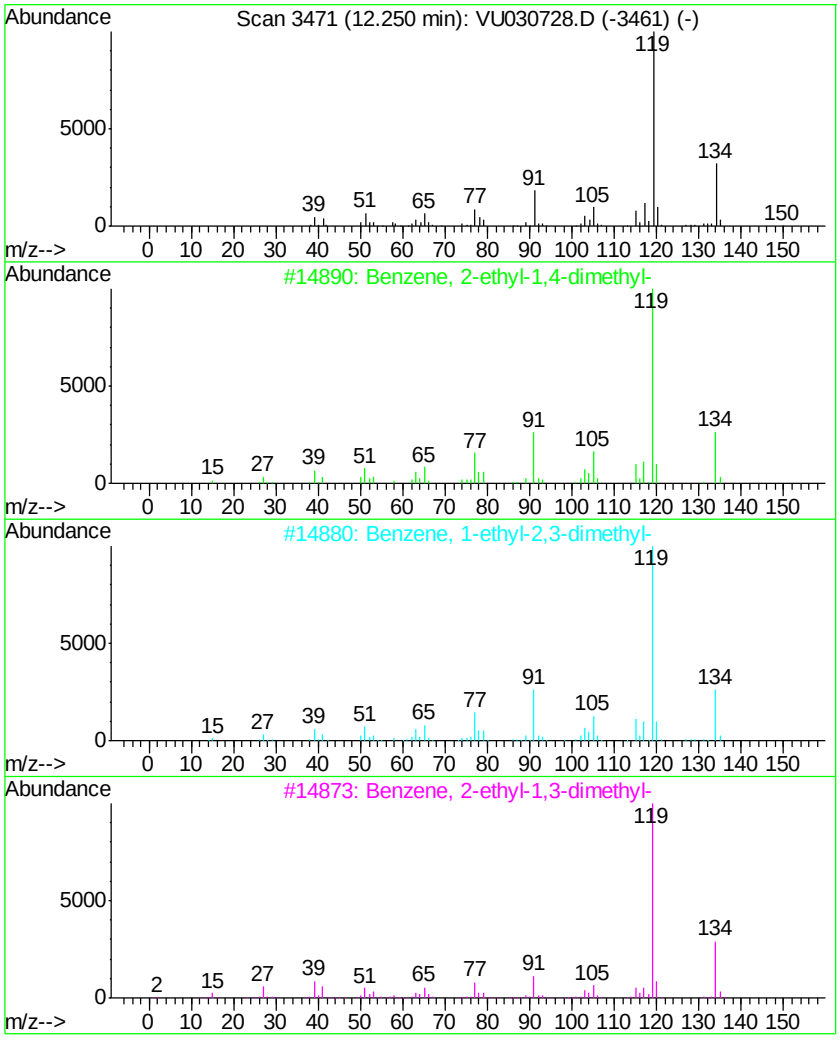
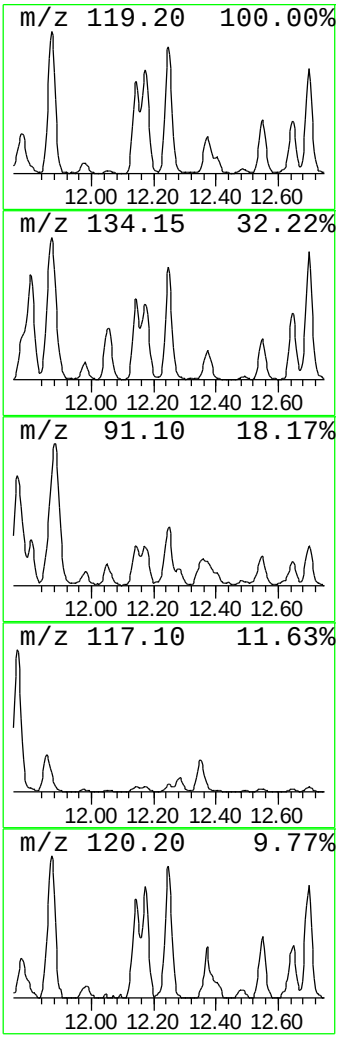
Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	7.86 ug/L	233335	1,4-Dichlorobenzene-d4	11.48

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	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030728.D
Acq On : 05 Apr 2019 09:09
Operator : JC/SP
Sample : K2249-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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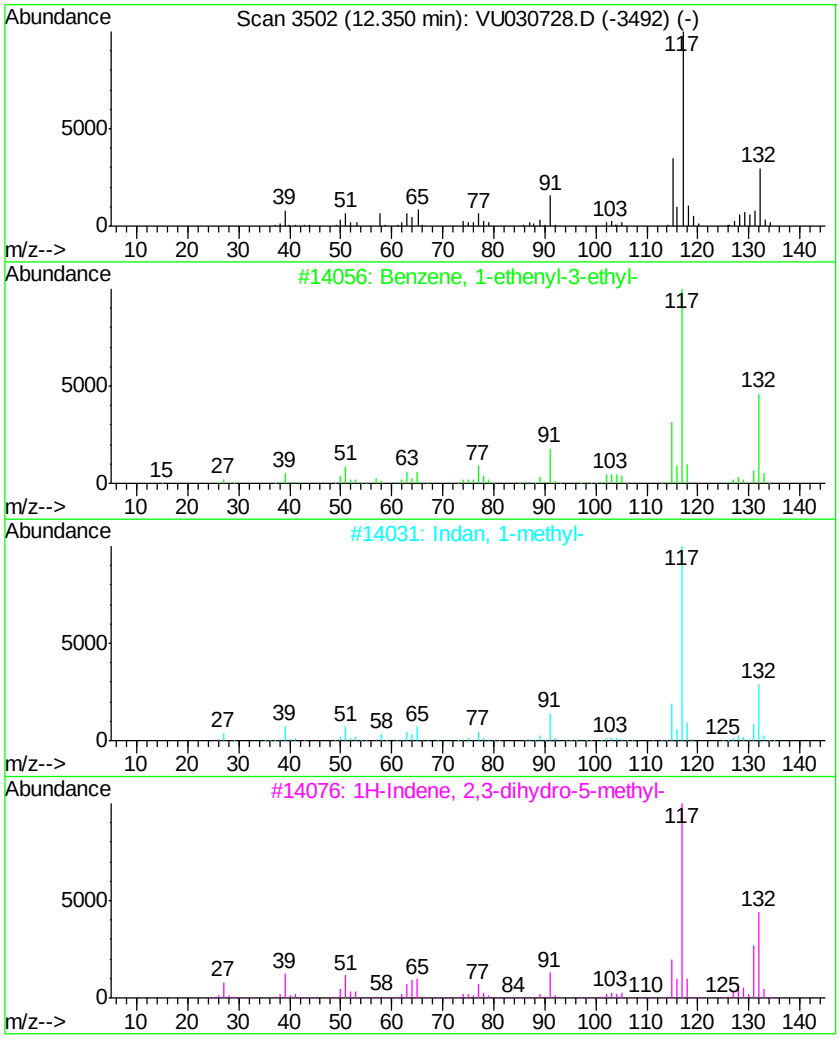
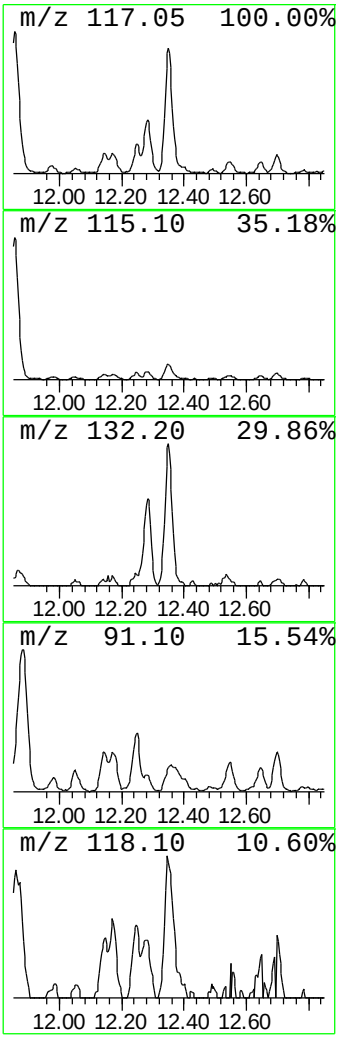
Peak Number 16 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	8.90 ug/L	264106	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
2	Indan, 1-methyl-	132	C10H12	000767-58-8	81
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	80
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	80
5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030728.D
Acq On : 05 Apr 2019 09:09
Operator : JC/SP
Sample : K2249-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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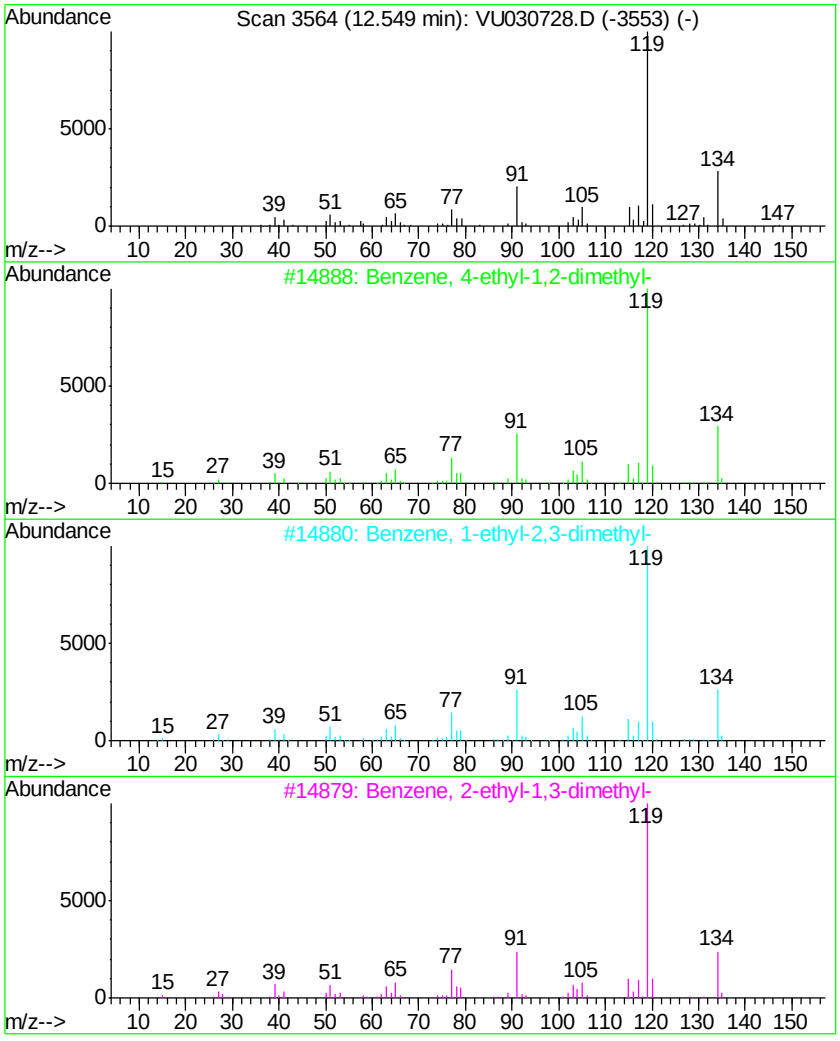
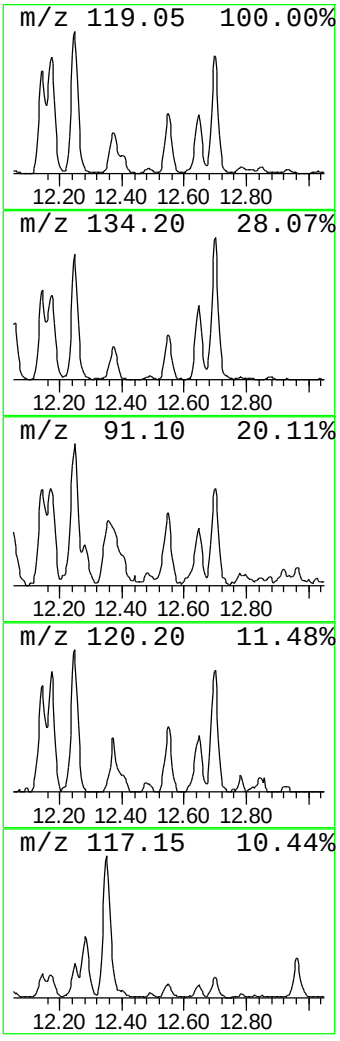
Peak Number 17 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	4.18 ug/L	123908	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030728.D
Acq On : 05 Apr 2019 09:09
Operator : JC/SP
Sample : K2249-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

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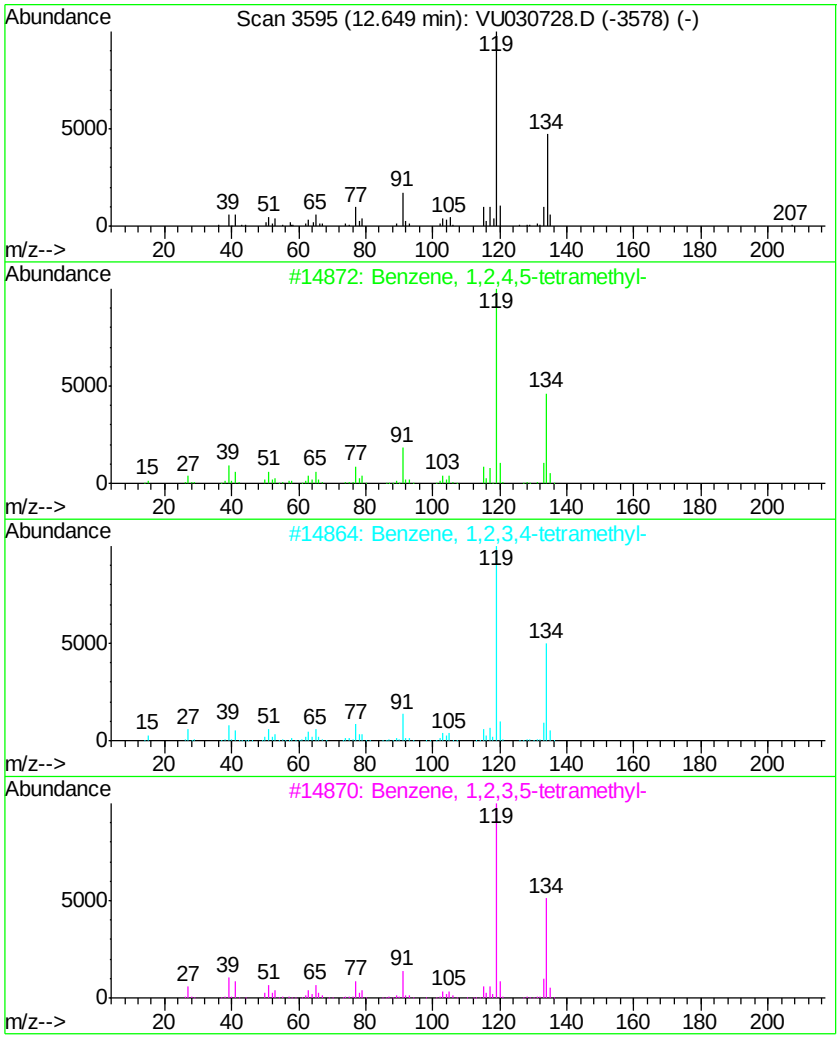
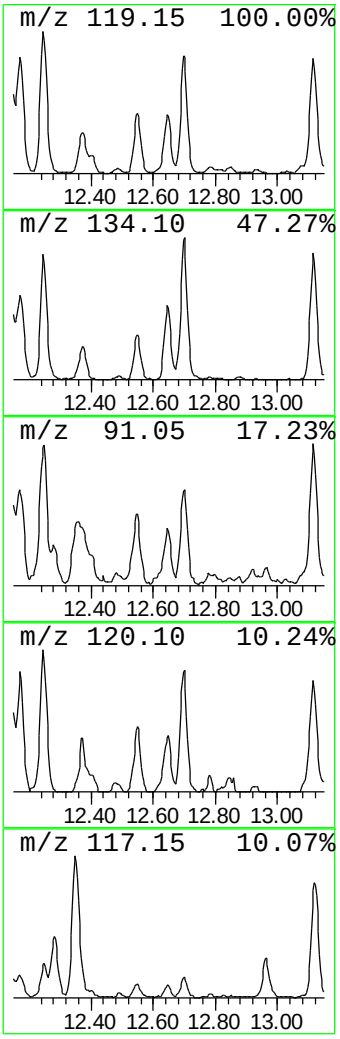
Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	4.12 ug/L	122229	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030728.D
Acq On : 05 Apr 2019 09:09
Operator : JC/SP
Sample : K2249-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE2

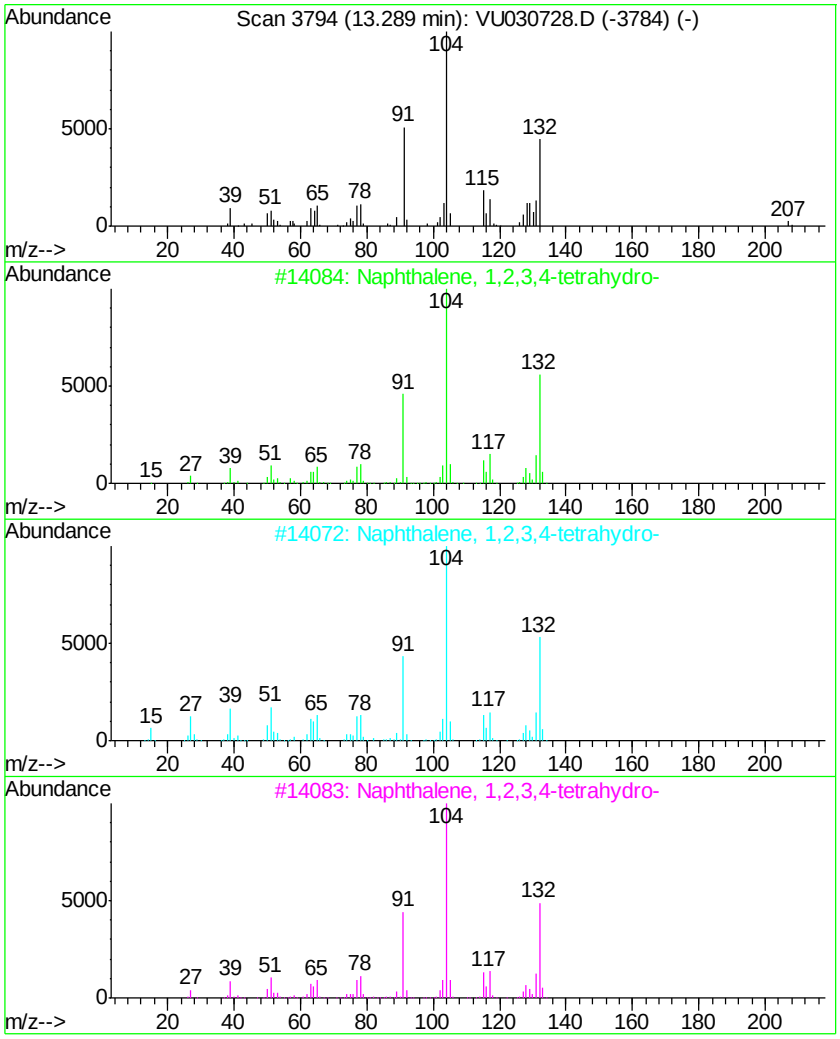
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

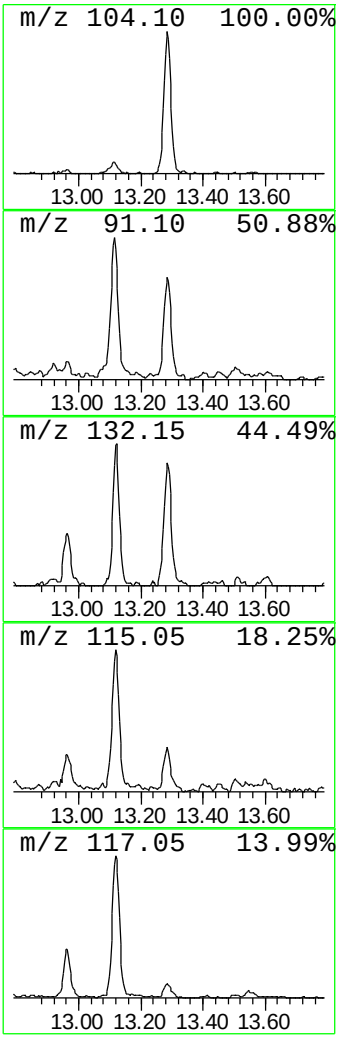
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	3.47 ug/L	103088	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
5	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030728.D
Acq On : 05 Apr 2019 09:09
Operator : JC/SP
Sample : K2249-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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: Cyc...	1.18	18.0	ug/L	413247	1	5.88	1148960	50.0
Isopropyl Alcohol	2.44	3.2	ug/L	74200	1	5.88	1148960	50.0
Benzene, propyl-	10.58	17.2	ug/L	510725	3	11.48	1483500	50.0
Benzene, 1-ethyl-...	10.68	57.7	ug/L	1712700	3	11.48	1483500	50.0
Benzene, 1-ethyl-...	10.97	44.1	ug/L	1308610	3	11.48	1483500	50.0
Benzene, 1,2,3-tr...	11.14	195.1	ug/L	5788890	3	11.48	1483500	50.0
Benzene, 1-methyl...	11.32	3.8	ug/L	112392	3	11.48	1483500	50.0
Indane	11.76	23.9	ug/L	709884	3	11.48	1483500	50.0
Benzene, 1-methyl...	12.14	6.7	ug/L	197475	3	11.48	1483500	50.0
Benzene, 2-ethyl-...	12.25	7.9	ug/L	233335	3	11.48	1483500	50.0
Benzene, 1-etheny...	12.35	8.9	ug/L	264106	3	11.48	1483500	50.0
Benzene, 4-ethyl-...	12.55	4.2	ug/L	123908	3	11.48	1483500	50.0
Benzene, 1,2,4,5-...	12.65	4.1	ug/L	122229	3	11.48	1483500	50.0
Naphthalene, 1,2,...	13.29	3.5	ug/L	103088	3	11.48	1483500	50.0