LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010727.D
Acq On : 09 Jul 2019 04:16
Operator : JC/SP
Sample : K3690-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW013-190703

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_X\METHOD\82X061919W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.843	268	277	291	rBV	54098	127923	2.00%	0.458%
2	5.501	699	713	723	rBV	126772	369702	5.77%	1.323%
3	5.659	730	739	762	rVB	217336	681327	10.64%	2.438%
4	6.061	795	805	813	rBV2	127611	327457	5.11%	1.172%
5	6.141	813	818	830	rVB	37434	96964	1.51%	0.347%
6	6.348	842	852	863	rVB	67823	204178	3.19%	0.731%
7	6.860	925	936	948	rBV	324917	772302	12.06%	2.764%
8	8.055	1123	1132	1140	rBV	50440	99242	1.55%	0.355%
9	8.177	1144	1152	1161	rBV	111643	220783	3.45%	0.790%
10	8.713	1226	1240	1248	rBV	722076	1103502	17.23%	3.949%
11	10.140	1464	1474	1480	rBV2	3996624	6404920	100.00%	22.919%
12	10.658	1544	1559	1563	rBV3	42194	107773	1.68%	0.386%
13	10.835	1585	1588	1596	rVB2	48968	66032	1.03%	0.236%
14	11.018	1613	1618	1622	rBV	259960	335183	5.23%	1.199%
15	11.134	1631	1637	1642	rBV	607495	766924	11.97%	2.744%
16	11.280	1658	1661	1668	rVB	52070	64188	1.00%	0.230%
17	11.359	1669	1674	1677	rBV	147355	183725	2.87%	0.657%
18	11.670	1718	1725	1732	rBV2	107308	162499	2.54%	0.581%
19	11.768	1732	1741	1745	rBV	228985	290231	4.53%	1.039%
20	11.920	1758	1766	1768	rBV	336413	503963	7.87%	1.803%
21	11.945	1768	1770	1775	rVB	356382	377088	5.89%	1.349%
22	12.079	1786	1792	1804	rBV	730793	991620	15.48%	3.548%
23	12.231	1812	1817	1823	rVB	884891	1070107	16.71%	3.829%
24	12.298	1823	1828	1833	rBV	968973	1178948	18.41%	4.219%
25	12.365	1835	1839	1847	rVB3	146432	256027	4.00%	0.916%
26	12.457	1849	1854	1861	rBV2	112237	160104	2.50%	0.573%
27	12.664	1879	1888	1891	rBV	726478	946592	14.78%	3.387%
28	12.701	1891	1894	1899	rVV	799567	1045986	16.33%	3.743%
29	12.755	1899	1903	1910	rVV2	2289026	3525066	55.04%	12.614%
30	12.816	1910	1913	1917	rVV	137682	174250	2.72%	0.624%
31	12.896	1917	1926	1931	rVV	627253	890295	13.90%	3.186%
32	12.975	1931	1939	1944	rVV2	607512	919714	14.36%	3.291%
33	13.085	1952	1957	1962	rVB3	158117	224251	3.50%	0.802%
34	13.188	1970	1974	1977	rVV	164216	213605	3.34%	0.764%

LSC Area Percent Report

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Operator : JC/SP
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW013-190703

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_X\METHOD\82X061919W.M
Title : SW846 8260

35	13.225	1977	1980	1982	rVV	212668	264966	4.14%	0.948%
36	13.249	1982	1984	1989	rVV	147592	161385	2.52%	0.577%
37	13.304	1989	1993	1995	rVV	45242	68730	1.07%	0.246%
38	13.347	1995	2000	2005	rVV2	1104503	1468606	22.93%	5.255%
39	13.402	2005	2009	2014	rVV3	110169	155505	2.43%	0.556%
40	13.475	2014	2021	2027	rVB3	112180	183312	2.86%	0.656%
41	13.597	2037	2041	2044	rVB2	63012	77700	1.21%	0.278%
42	13.639	2044	2048	2051	rVV2	92081	115581	1.80%	0.414%
43	13.676	2051	2054	2055	rVV	54858	65207	1.02%	0.233%
44	13.694	2055	2057	2059	rVV	98934	118620	1.85%	0.424%
45	13.719	2059	2061	2071	rVB2	97227	138314	2.16%	0.495%
46	14.694	2211	2221	2225	rBV	90404	115717	1.81%	0.414%
47	14.834	2240	2244	2252	rBV	109208	150111	2.34%	0.537%

Sum of corrected areas: 27946225

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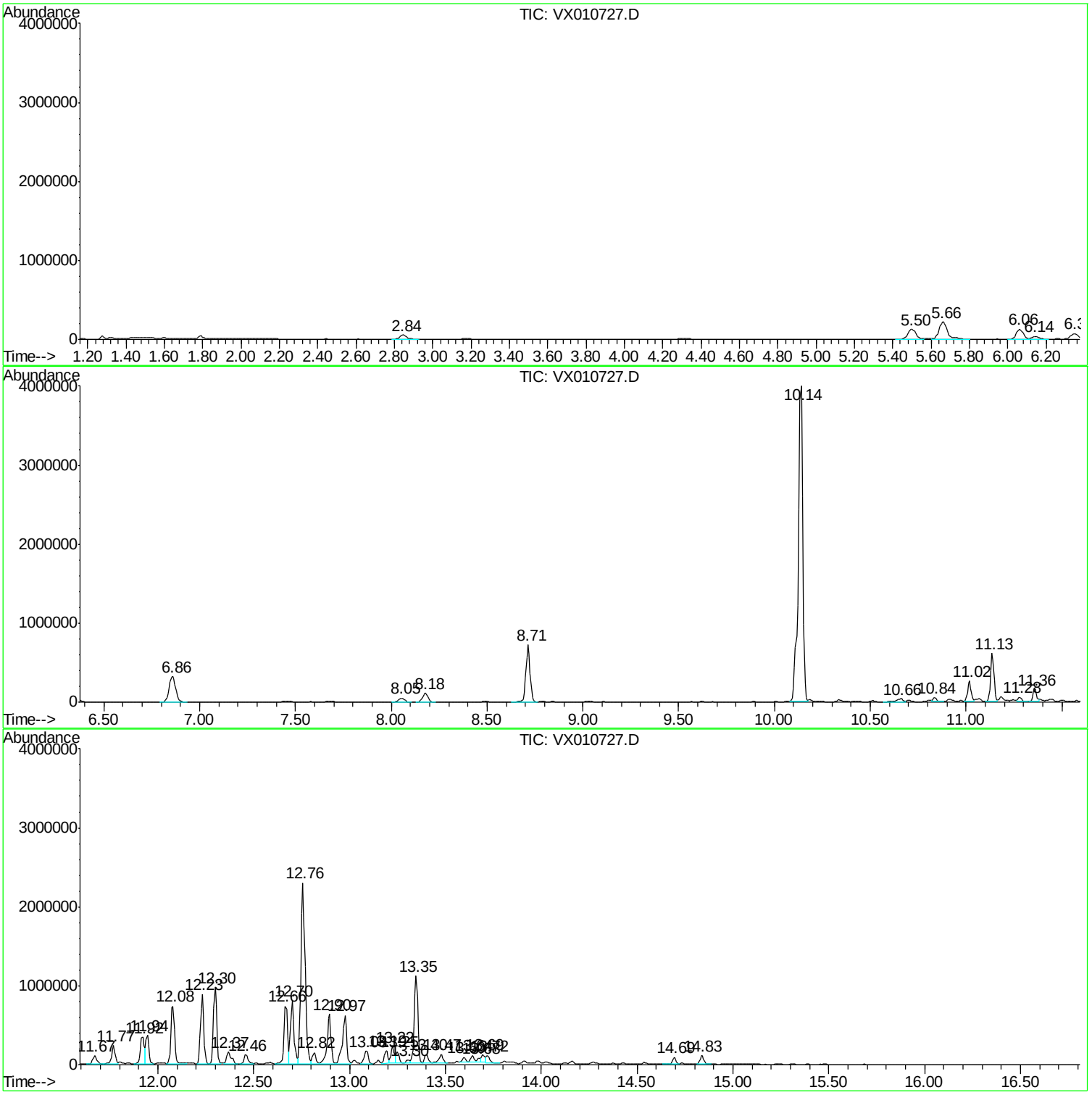
MSVOA_X
ClientSampleId :
SS038MW013-190703

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Quant Title : SW846 8260

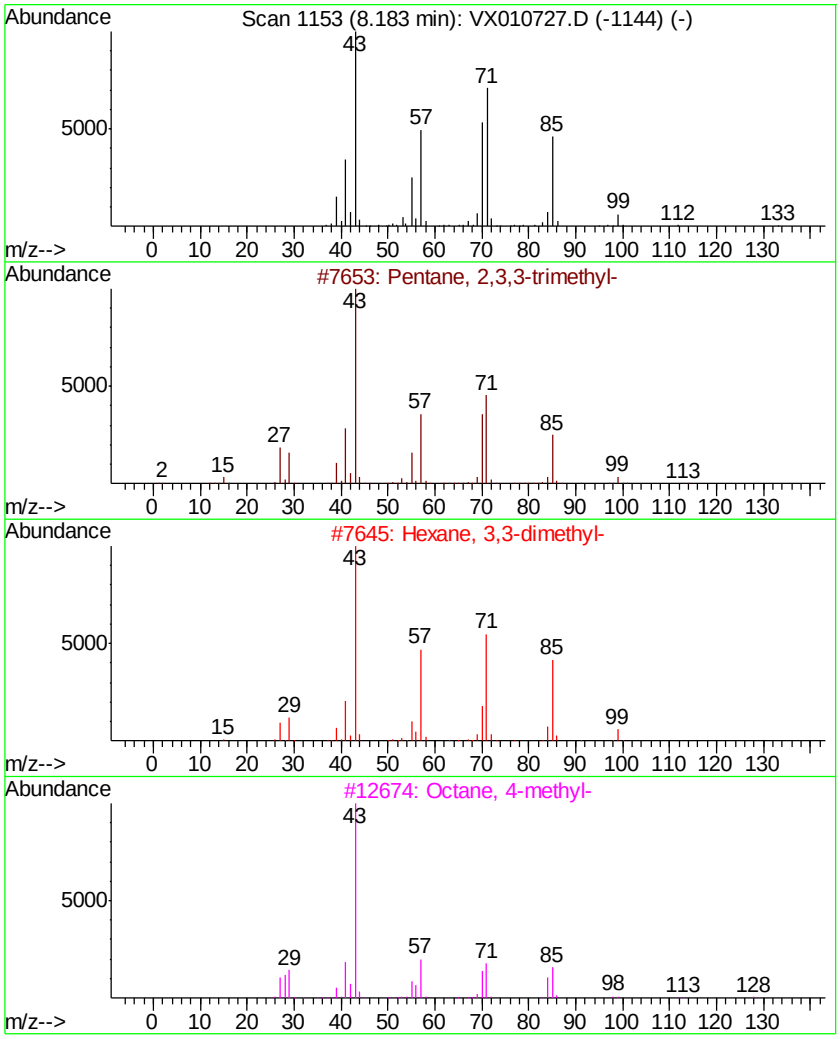
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

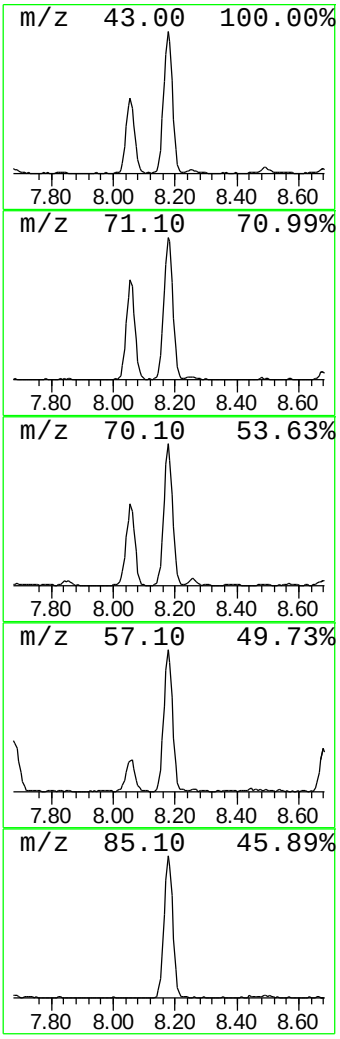
****

Peak Number 1 Pentane, 2,3,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	14.29 ug/l	220783	1,4-Difluorobenzene	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
3	Octane, 4-methyl-	128	C9H20	002216-34-4	64
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	59





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Operator : JC/SP
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW013-190703

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

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

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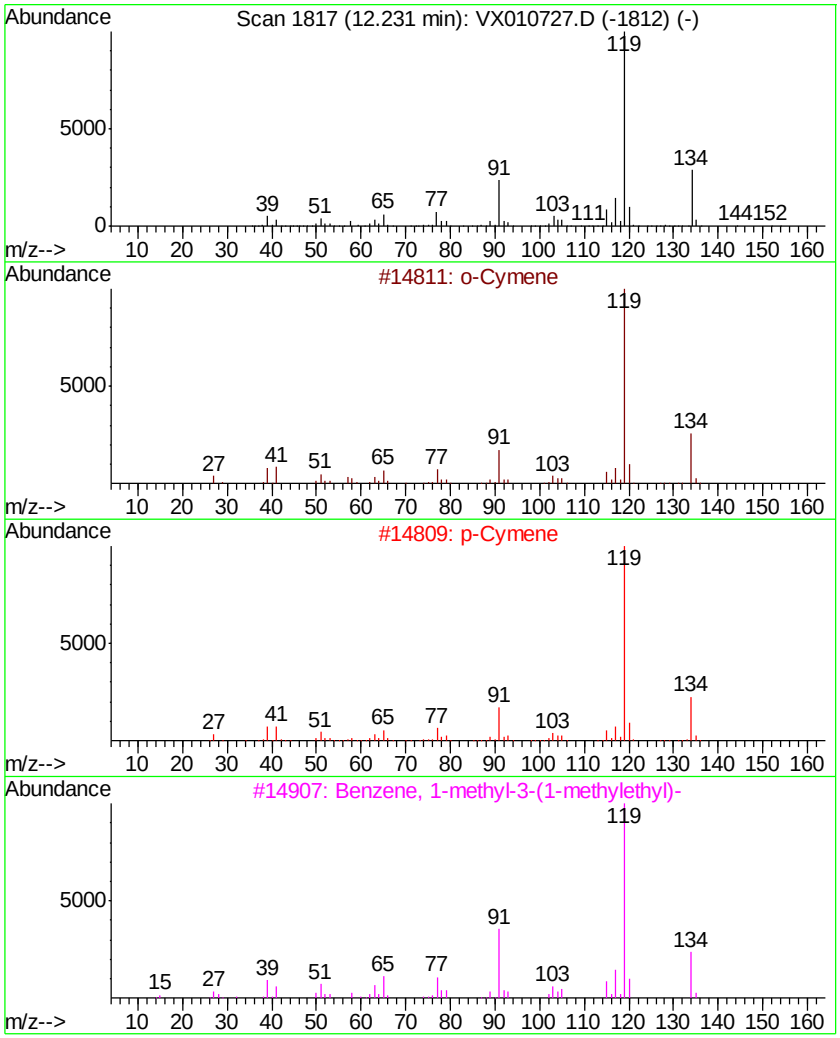
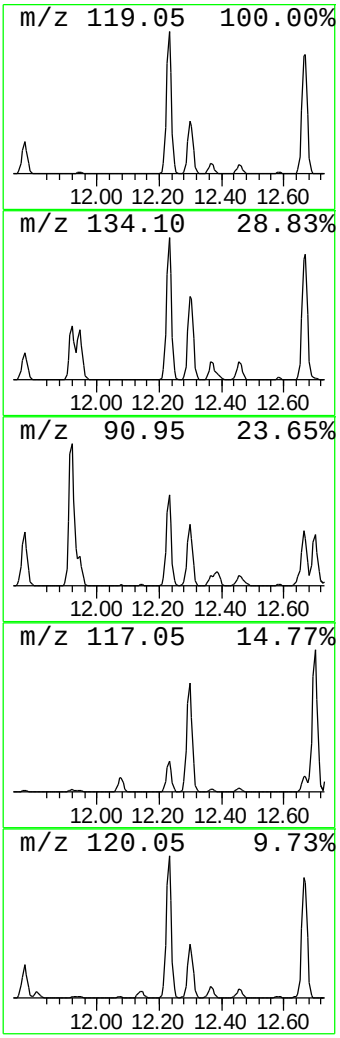
Peak Number 2 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	53.96 ug/l	1070110	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	p-Cymene	134	C10H14	000099-87-6	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Library Search Compound Report

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Operator : JC/SP
Sample : K3690-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW013-190703

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

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

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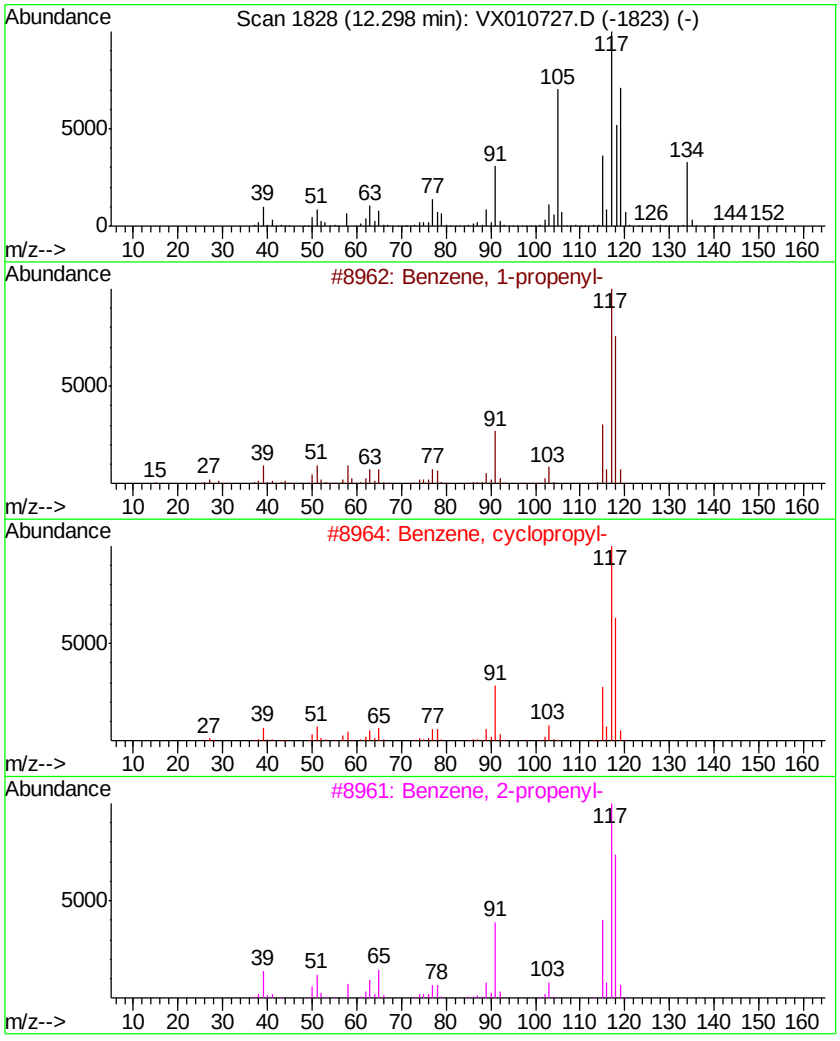
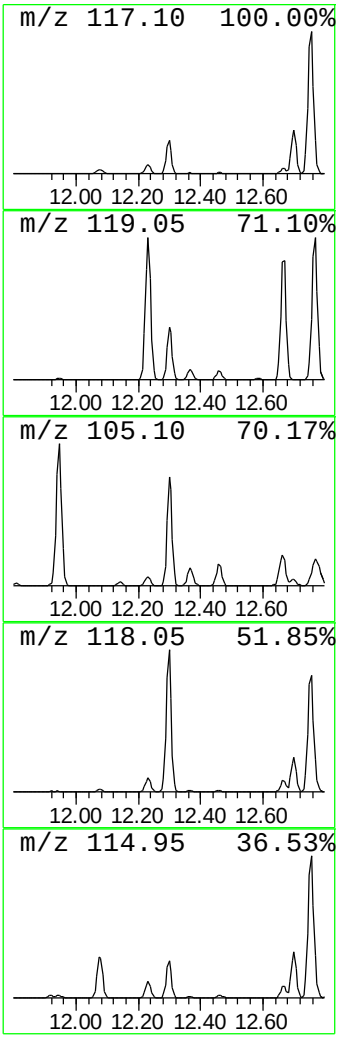
Peak Number 3 Benzene, 1-propenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	59.45 ug/l	1178950	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
4	Indane	118	C9H10	000496-11-7	55
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	46





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Sample : K3690-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW013-190703

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

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

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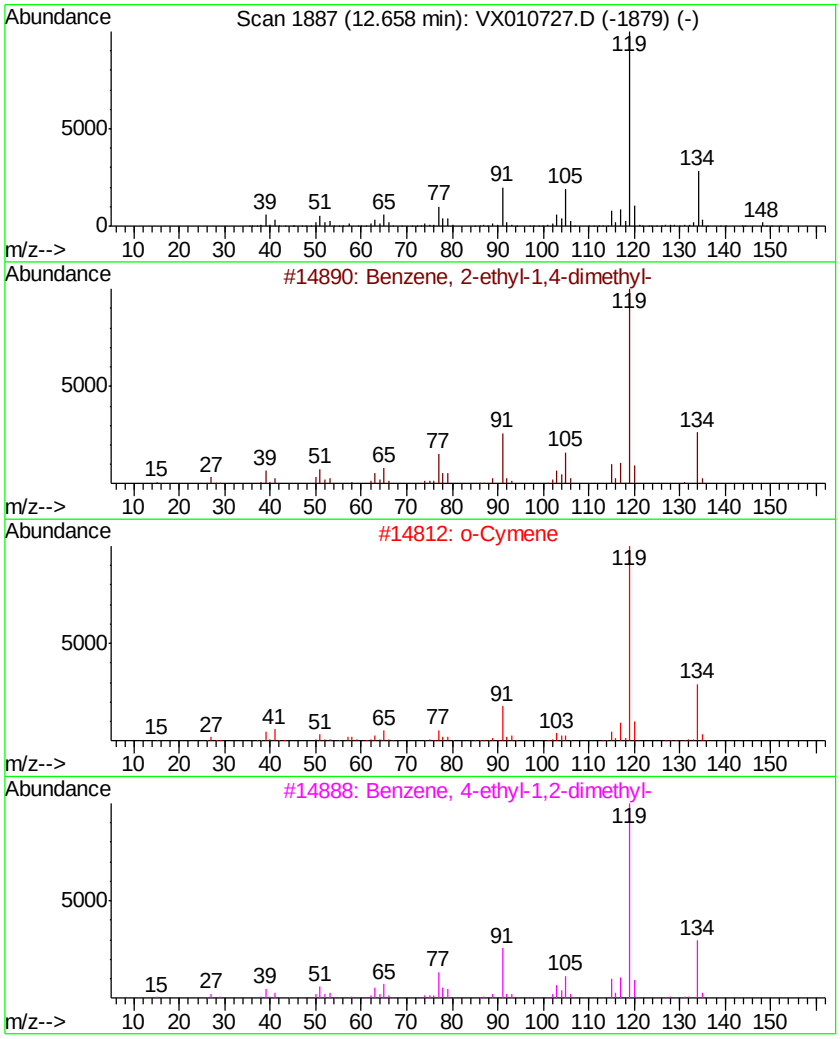
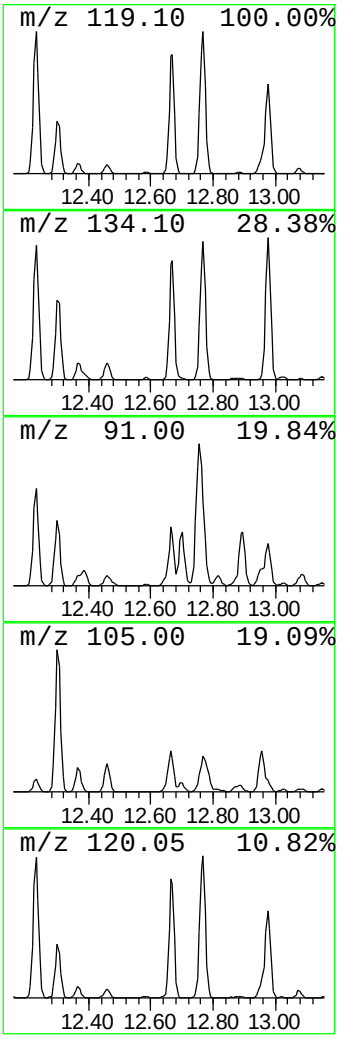
Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	47.73 ug/l	946592	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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ALS Vial : 46 Sample Multiplier: 1

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ClientSampleId : SS038MW013-190703

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
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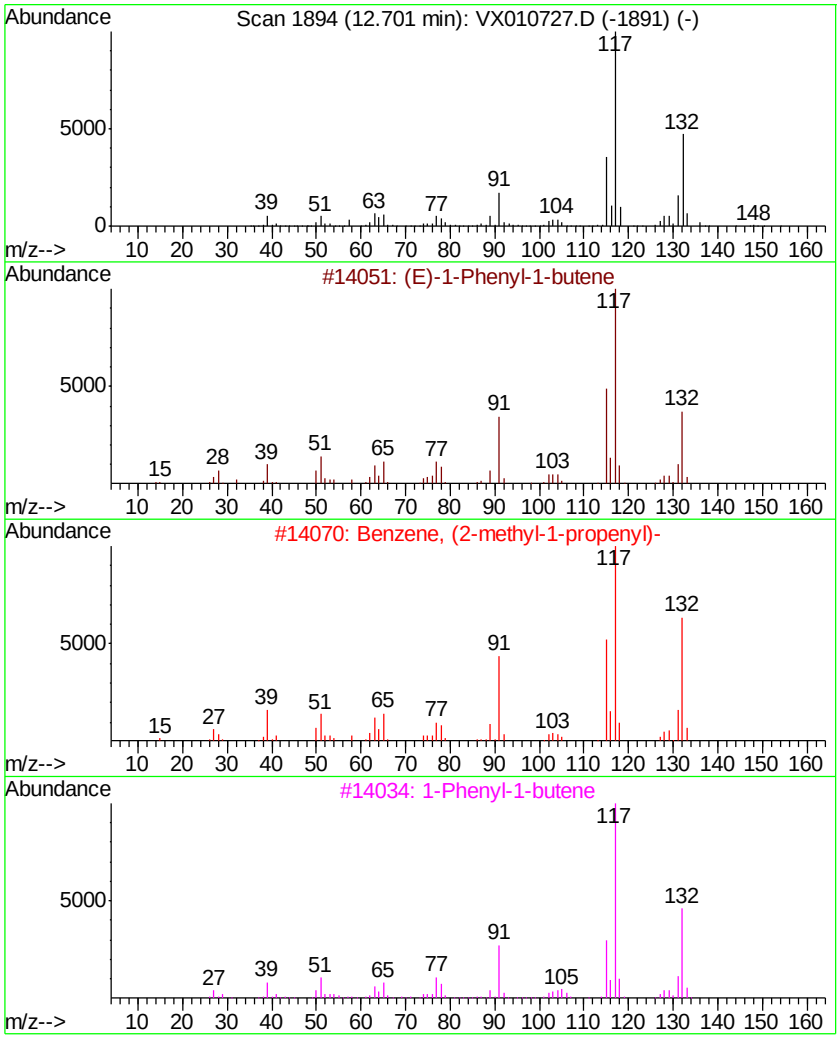
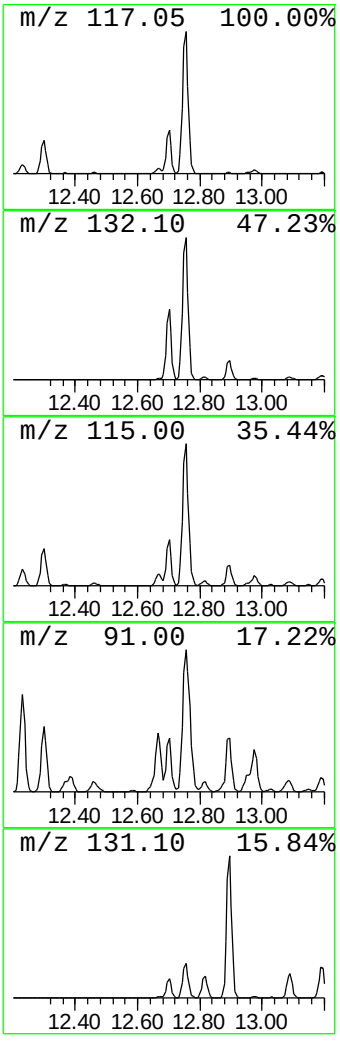
****

Peak Number 5 (E)-1-Phenyl-1-butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	52.74 ug/l	1045990	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	96
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
4	Benzene, (1-methylenepropyl)-	132	C10H12	002039-93-2	91
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91





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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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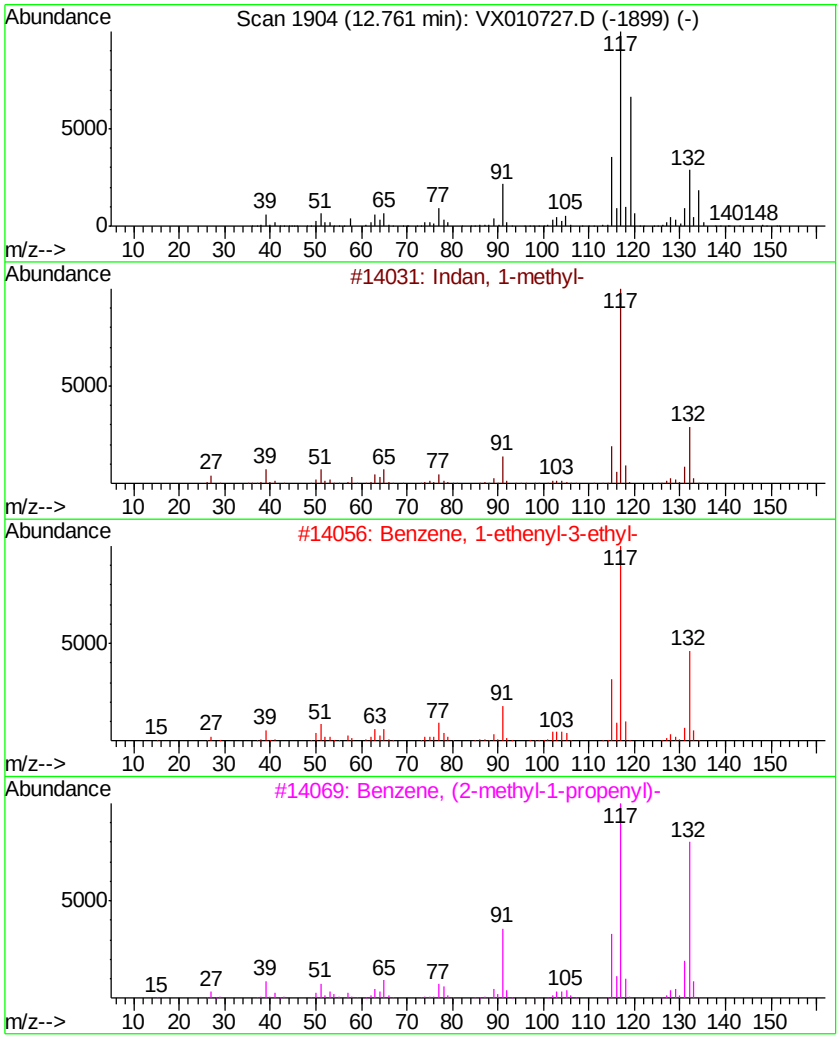
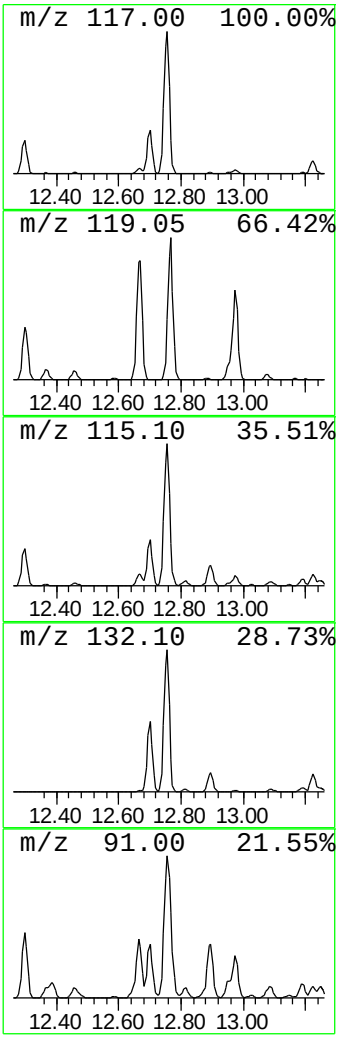
****

Peak Number 6 Indan, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	177.74 ug/l	3525070	1,4-Dichlorobenzene-d4	12.08

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	81
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	74
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	68





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Quant Title : SW846 8260

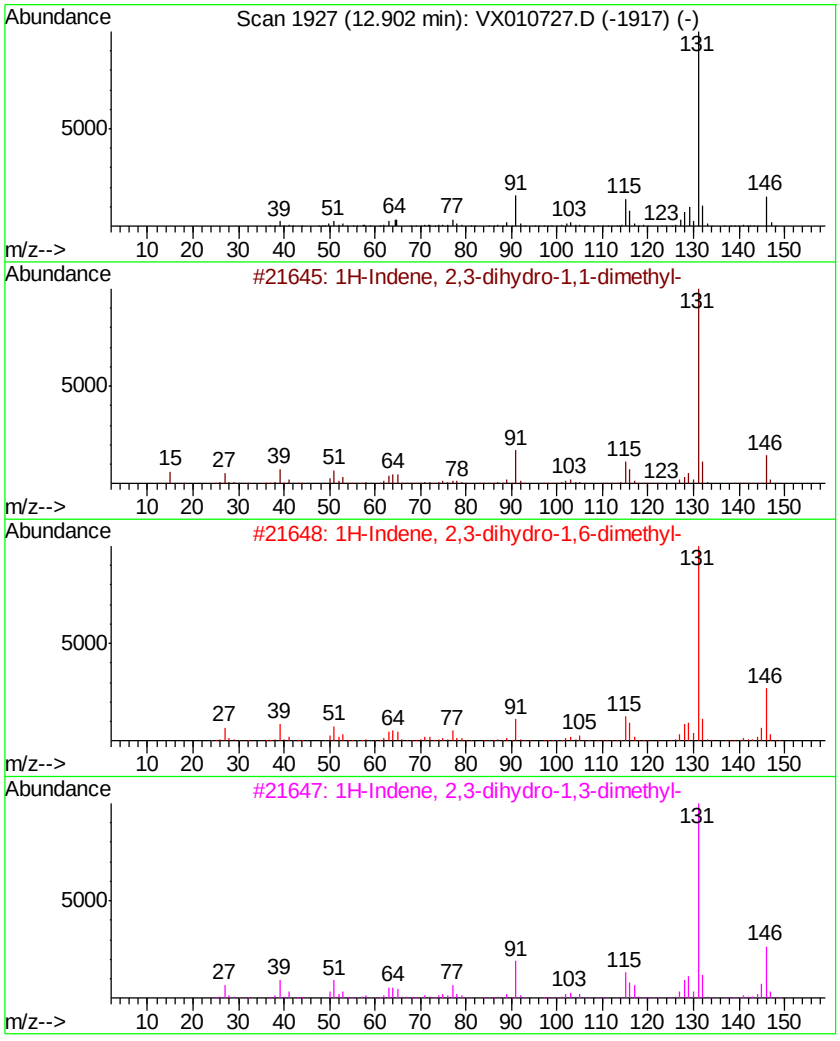
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

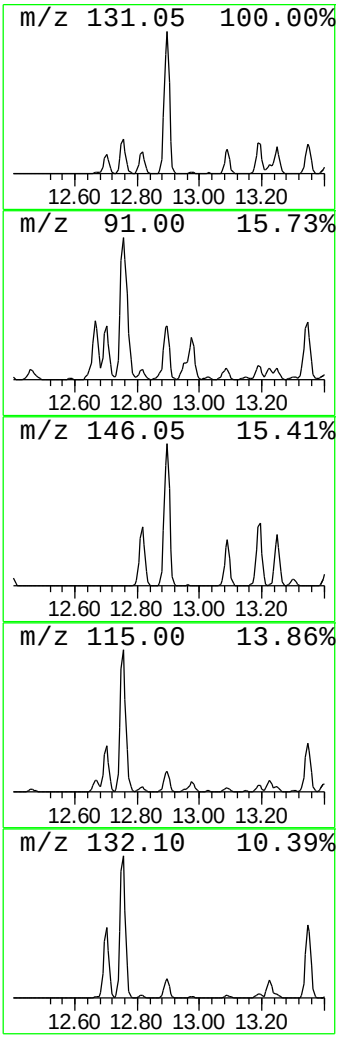
****

Peak Number 7 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	44.89 ug/l	890295	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90





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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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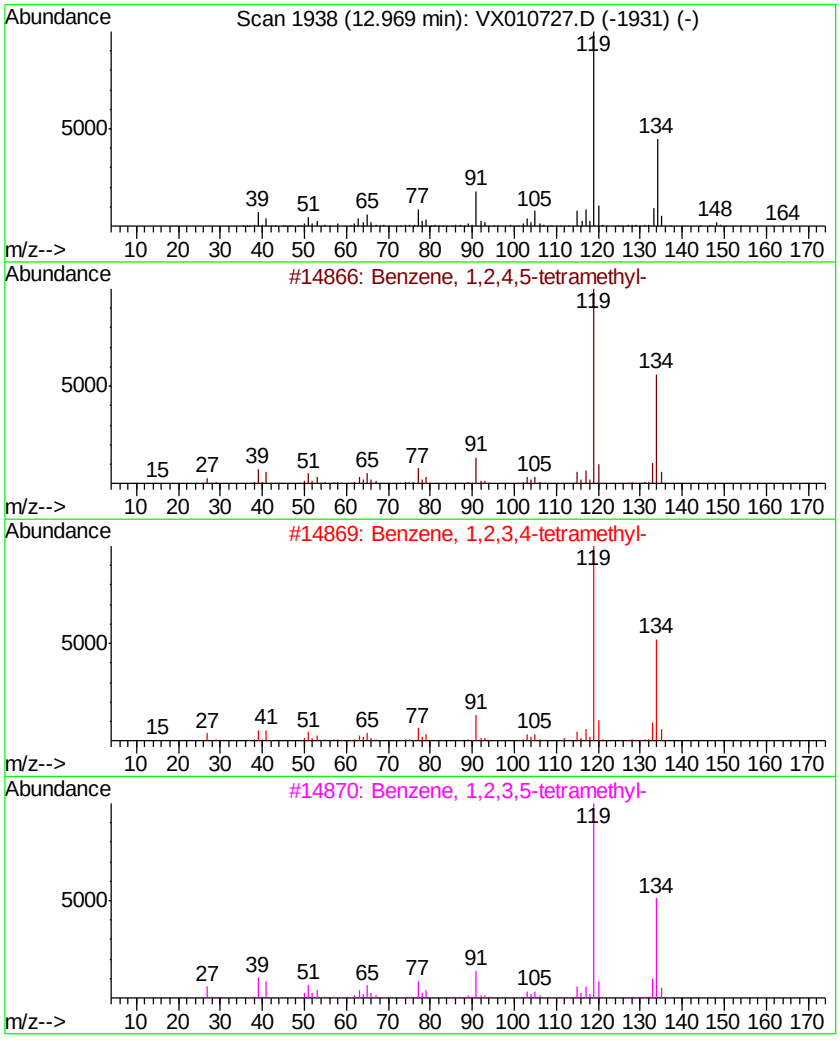
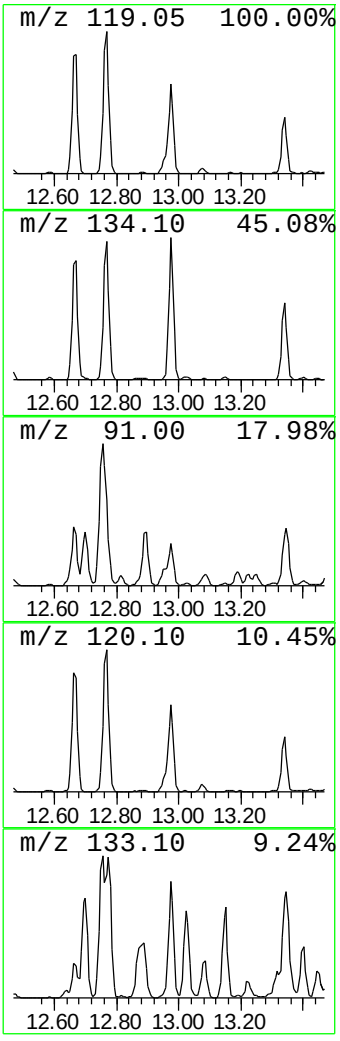
****

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	46.37 ug/l	919714	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010727.D
Acq On : 09 Jul 2019 04:16
Operator : JC/SP
Sample : K3690-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW013-190703

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

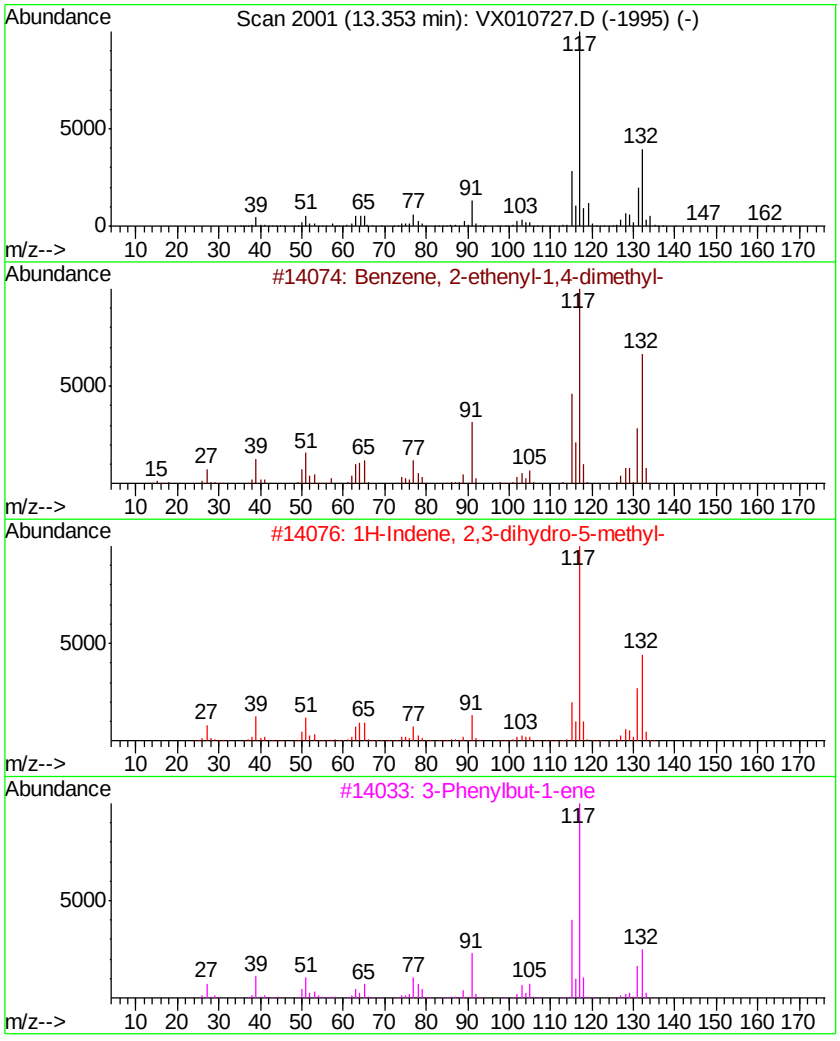
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

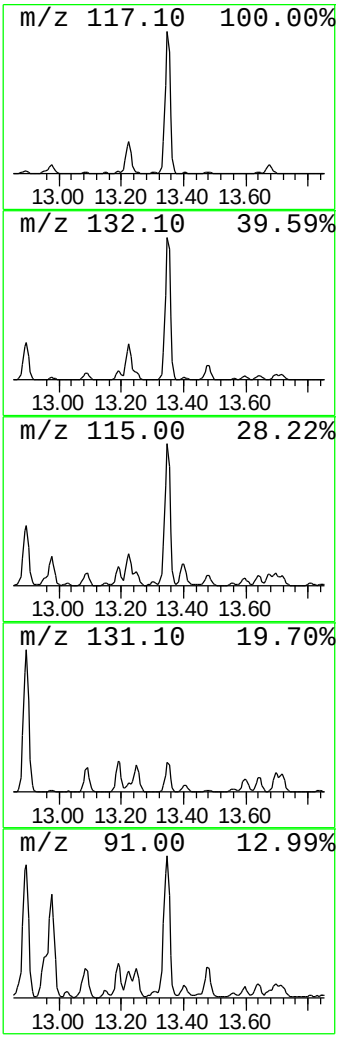
****

Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	74.05 ug/l	1468610	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010727.D
Acq On : 09 Jul 2019 04:16
Operator : JC/SP
Sample : K3690-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW013-190703

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2,3,3-tr...	8.18	14.3	ug/l	220783	2	6.86	772302	50.0
o-Cymene	12.23	54.0	ug/l	1070110	4	12.08	991620	50.0
Benzene, 1-propenyl-	12.30	59.5	ug/l	1178950	4	12.08	991620	50.0
Benzene, 2-ethyl-...	12.66	47.7	ug/l	946592	4	12.08	991620	50.0
(E)-1-Phenyl-1-bu...	12.70	52.7	ug/l	1045990	4	12.08	991620	50.0
Indan, 1-methyl-	12.76	177.7	ug/l	3525070	4	12.08	991620	50.0
1H-Indene, 2,3-di...	12.90	44.9	ug/l	890295	4	12.08	991620	50.0
Benzene, 1,2,4,5-...	12.97	46.4	ug/l	919714	4	12.08	991620	50.0
Benzene, 2-etheny...	13.35	74.0	ug/l	1468610	4	12.08	991620	50.0