LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
Data File : VX013686.D
Acq On : 28 Nov 2019 05:28
Operator : JC/SP
Sample : K5965-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S39-0187

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\82X112619W.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	1.070	26	30	43	rBV	2909472	3402448	32.97%	4.991%
2	1.265	59	62	69	rBV	85412	110369	1.07%	0.162%
3	2.881	322	327	332	rBV	67352	141186	1.37%	0.207%
4	3.161	367	373	382	rBV2	123467	275887	2.67%	0.405%
5	3.515	422	431	443	rBV	107304	245380	2.38%	0.360%
6	4.393	566	575	588	rBV	310338	898242	8.71%	1.318%
7	4.588	590	607	625	rBV	3764567	10318621	100.00%	15.135%
8	5.490	744	755	761	rBV2	369340	1037891	10.06%	1.522%
9	5.575	761	769	775	rVV	376783	1198789	11.62%	1.758%
10	5.648	775	781	803	rVB	673602	1957913	18.97%	2.872%
11	5.923	817	826	837	rBV5	75842	253749	2.46%	0.372%
12	6.051	838	847	855	rVV	408318	1073717	10.41%	1.575%
13	6.136	855	861	872	rVV	184780	488185	4.73%	0.716%
14	6.252	873	880	888	rVV3	68281	211804	2.05%	0.311%
15	6.350	890	896	903	rVV2	68109	183957	1.78%	0.270%
16	6.447	904	912	922	rVB	125834	343044	3.32%	0.503%
17	6.849	969	978	988	rBV	1043217	2404438	23.30%	3.527%
18	7.459	1065	1078	1088	rBV	1273935	2875817	27.87%	4.218%
19	7.727	1115	1122	1128	rBV	110547	211792	2.05%	0.311%
20	8.660	1269	1275	1278	rBV3	67447	122682	1.19%	0.180%
21	8.709	1278	1283	1290	rVB	2186114	3327897	32.25%	4.881%
22	8.837	1299	1304	1308	rBV	68830	119975	1.16%	0.176%
23	9.032	1331	1336	1342	rVB	118970	196726	1.91%	0.289%
24	9.160	1351	1357	1363	rVB2	63200	105384	1.02%	0.155%
25	9.617	1428	1432	1437	rVB2	116361	159464	1.55%	0.234%
26	10.111	1504	1513	1520	rBV	2088125	2885986	27.97%	4.233%
27	10.184	1520	1525	1530	rVV	231774	346319	3.36%	0.508%
28	10.245	1530	1535	1542	rVV	2064953	2777549	26.92%	4.074%
29	10.355	1545	1553	1561	rVB	4177956	5486857	53.17%	8.048%
30	10.696	1604	1609	1615	rVB	515506	670975	6.50%	0.984%
31	11.013	1656	1661	1668	rVB	482095	577740	5.60%	0.847%
32	11.135	1675	1681	1686	rBV	1744554	2271847	22.02%	3.332%
33	11.355	1712	1717	1722	rVB	367850	460460	4.46%	0.675%
34	11.446	1722	1732	1737	rVV	821039	1539217	14.92%	2.258%

LSC Area Percent Report

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Operator : JC/SP
Sample : K5965-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S39-0187

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\82X112619W.M
Title : SW846 8260

35	11.666	1762	1768	1773	rBV	1255233	1607194	15.58%	2.357%
36	11.800	1786	1790	1797	rVB	3265452	4081254	39.55%	5.986%
37	11.940	1810	1813	1819	rVB	122794	152876	1.48%	0.224%
38	12.019	1819	1826	1829	rBV	123095	153550	1.49%	0.225%
39	12.074	1829	1835	1841	rVB	2217164	2893445	28.04%	4.244%
40	12.135	1841	1845	1850	rBV	960221	1246425	12.08%	1.828%
41	12.294	1866	1871	1878	rVV2	988729	1367956	13.26%	2.007%
42	12.361	1878	1882	1892	rVB2	148210	284624	2.76%	0.417%
43	12.458	1893	1898	1903	rBV2	94334	124681	1.21%	0.183%
44	12.513	1903	1907	1913	rVB	197750	228983	2.22%	0.336%
45	12.580	1913	1918	1920	rBV	284013	343910	3.33%	0.504%
46	12.605	1920	1922	1926	rVV	286879	316960	3.07%	0.465%
47	12.665	1926	1932	1935	rVV	452499	539203	5.23%	0.791%
48	12.696	1935	1937	1941	rVV	144249	163268	1.58%	0.239%
49	12.751	1941	1946	1953	rVB2	379723	561473	5.44%	0.824%
50	12.897	1965	1970	1976	rVB3	168577	235697	2.28%	0.346%
51	12.970	1976	1982	1986	rBV	344027	464730	4.50%	0.682%
52	13.013	1986	1989	1995	rVB	514348	593853	5.76%	0.871%
53	13.220	2020	2023	2027	rVV	135452	143744	1.39%	0.211%
54	13.306	2033	2037	2039	rBV2	72710	104505	1.01%	0.153%
55	13.342	2039	2043	2047	rVV2	763098	1062372	10.30%	1.558%
56	13.391	2047	2051	2060	rVV	677959	858359	8.32%	1.259%
57	13.476	2060	2065	2070	rVB	461992	556751	5.40%	0.817%
58	13.714	2102	2104	2111	rVB2	67366	111848	1.08%	0.164%
59	13.830	2116	2123	2131	rVB	821993	1023863	9.92%	1.502%
60	14.690	2260	2264	2272	rBV	83243	108816	1.05%	0.160%
61	14.836	2283	2288	2293	rBV	125429	163491	1.58%	0.240%

Sum of corrected areas: 68176138

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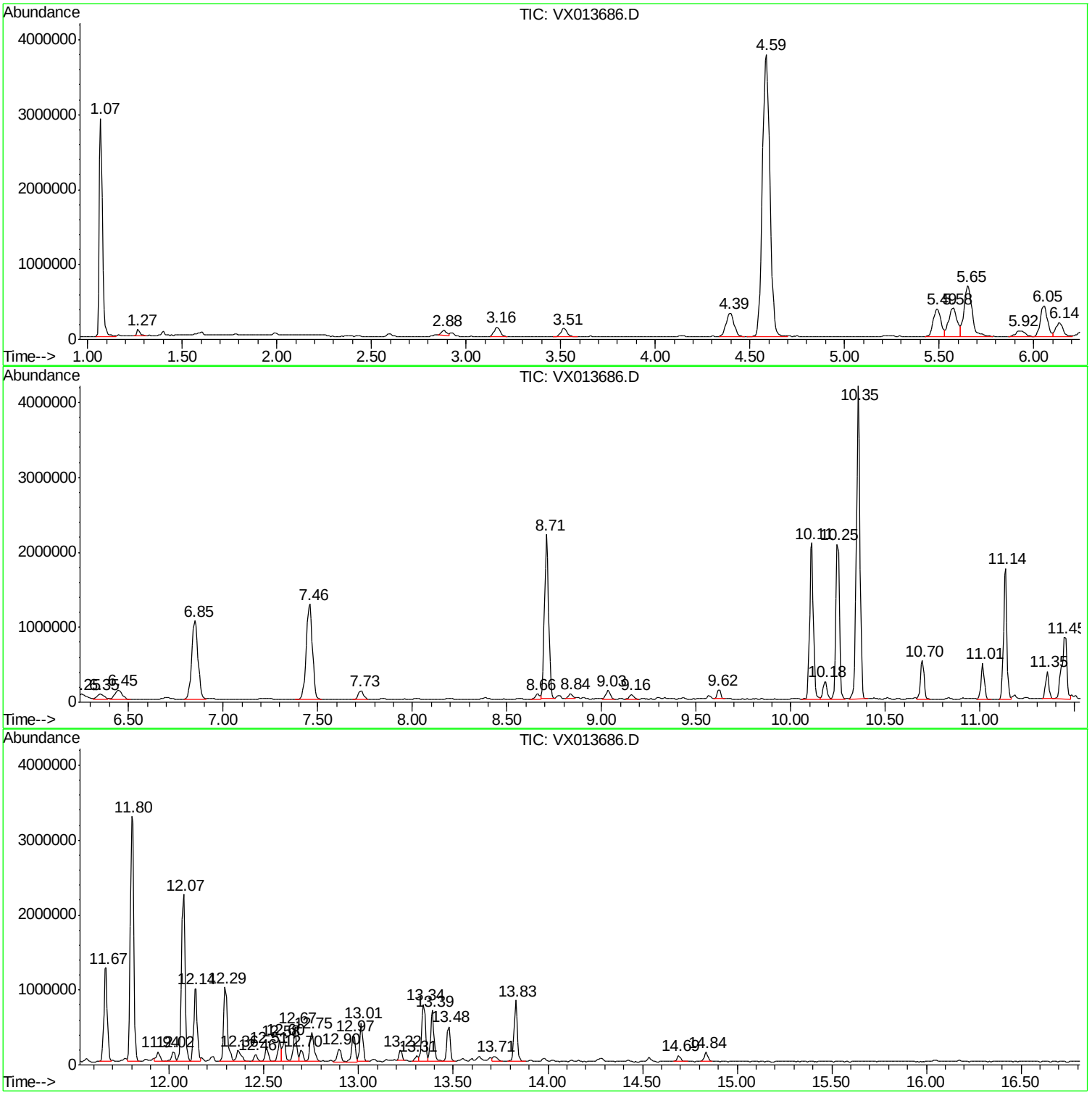
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S39-0187

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

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



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Data File : VX013686.D
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Operator : JC/SP
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

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

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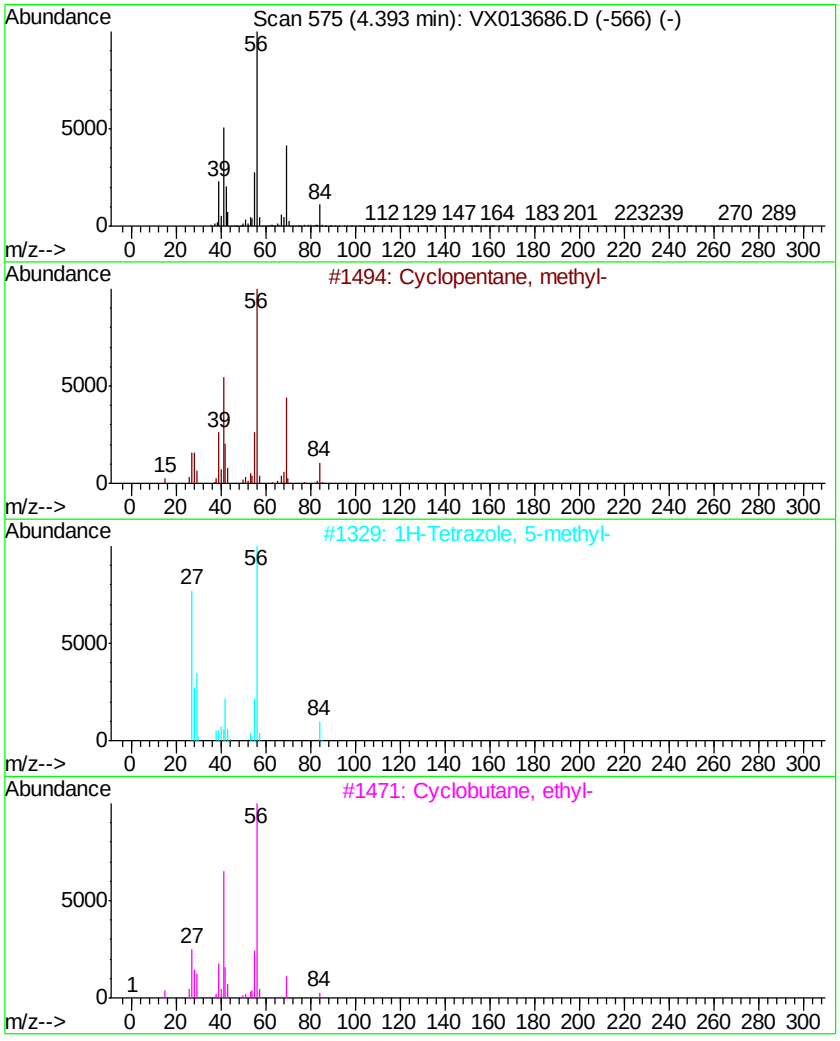
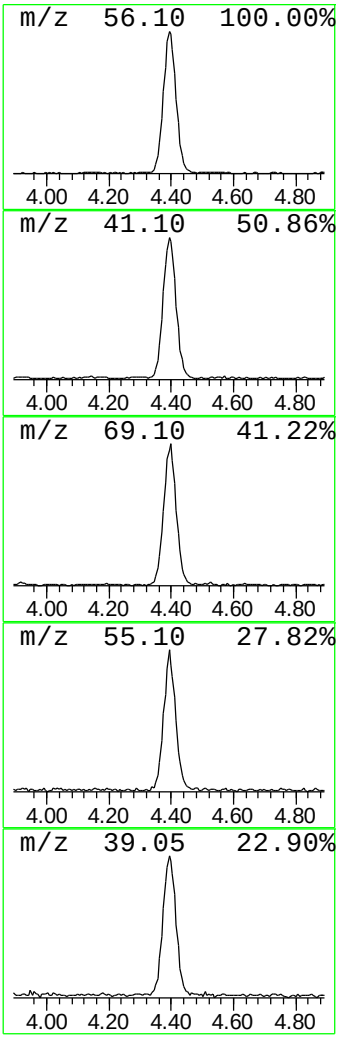
Peak Number 2 Cyclopentane, methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	22.94 ug/l	898242	Pentafluorobenzene	5.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
4	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64
5	Cyclohexane	84	C6H12	000110-82-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112719\
Data File : VX013686.D
Acq On : 28 Nov 2019 05:28
Operator : JC/SP
Sample : K5965-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S39-0187

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

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

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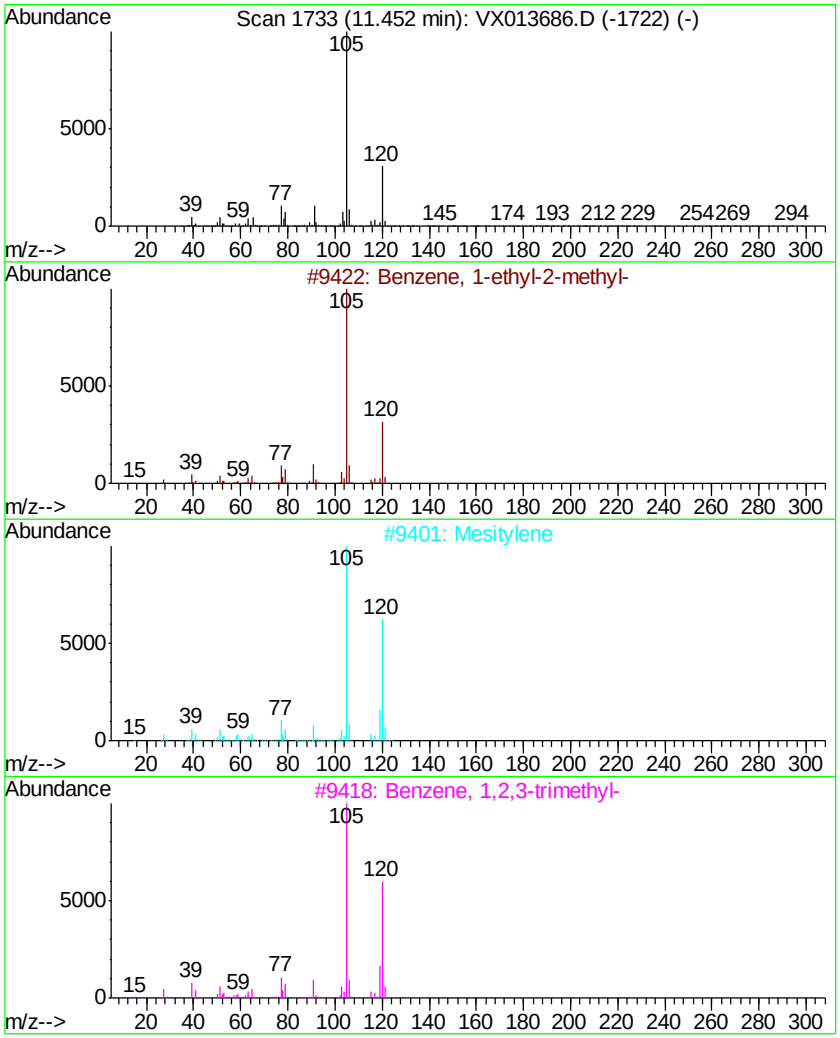
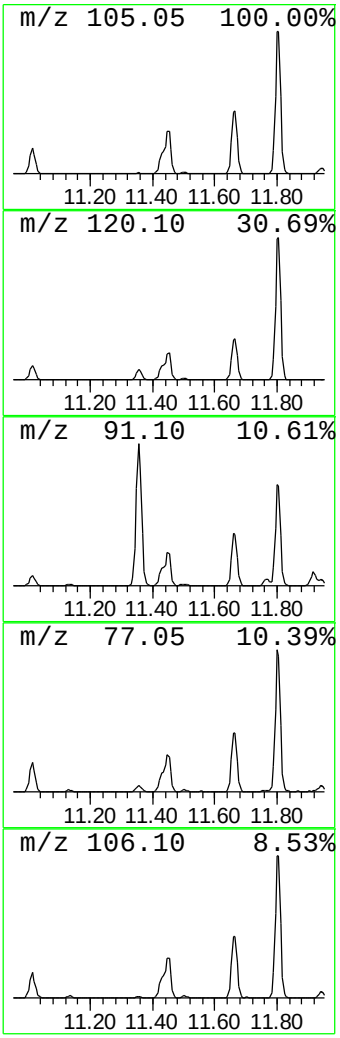
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	26.60 ug/l	1539220	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112719\
Data File : VX013686.D
Acq On : 28 Nov 2019 05:28
Operator : JC/SP
Sample : K5965-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S39-0187

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

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

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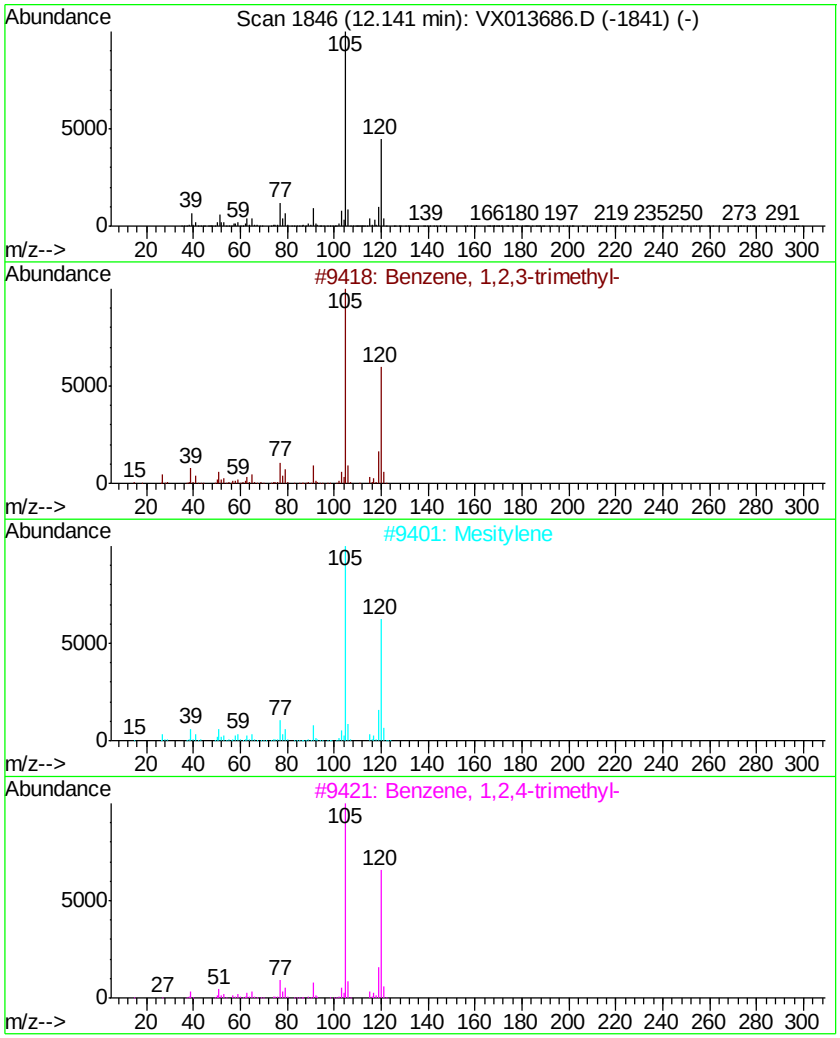
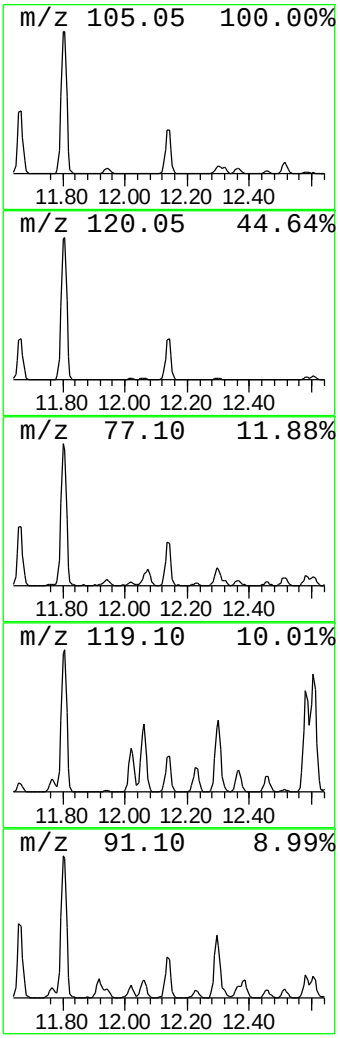
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	21.54 ug/l	1246430	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
Data File : VX013686.D
Acq On : 28 Nov 2019 05:28
Operator : JC/SP
Sample : K5965-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S39-0187

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

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

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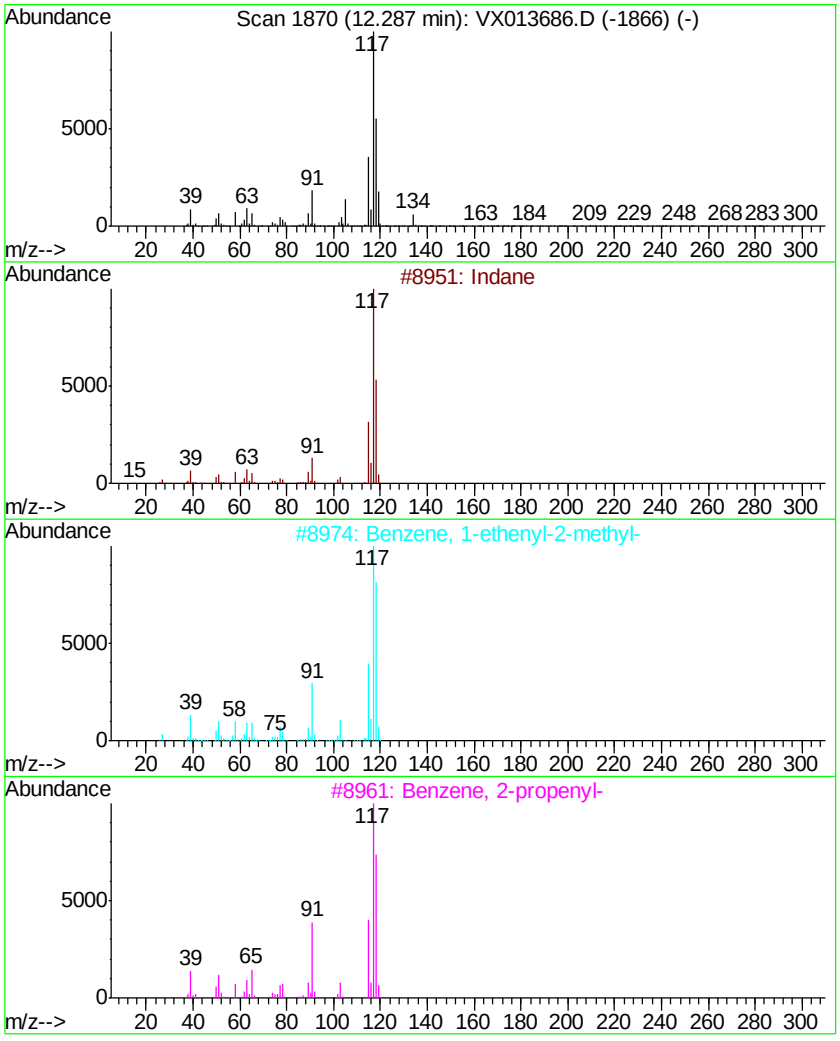
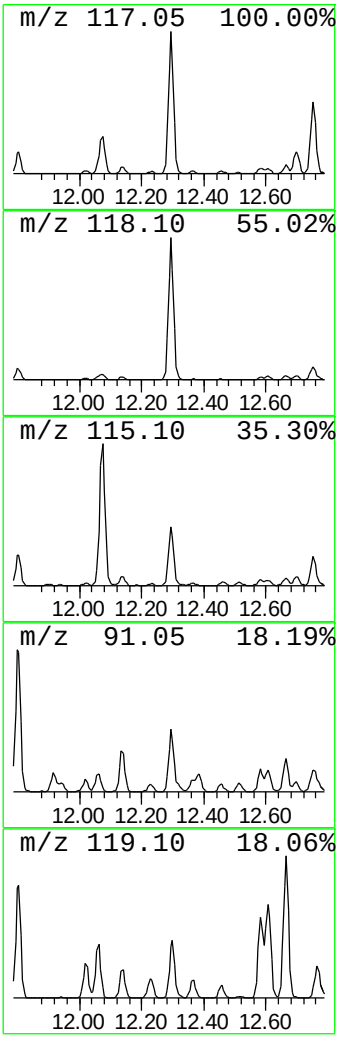
Peak Number 6 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	23.64 ug/l	1367960	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	62





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Operator : JC/SP
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S39-0187

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

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

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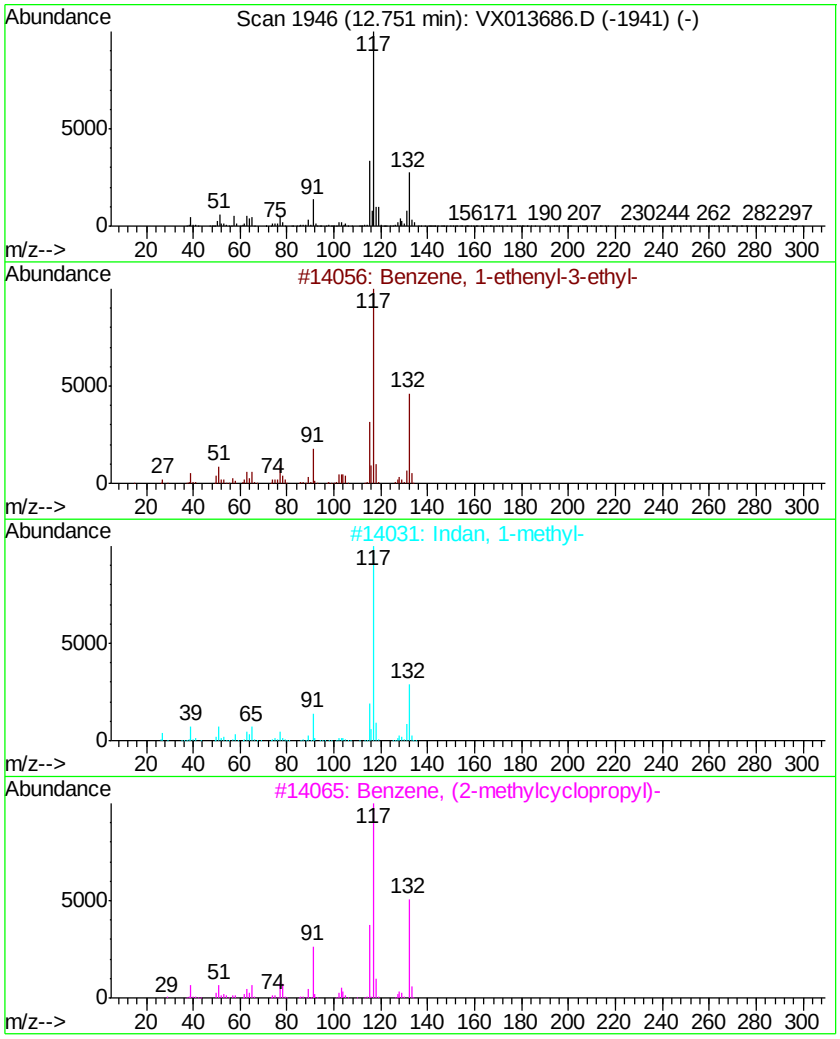
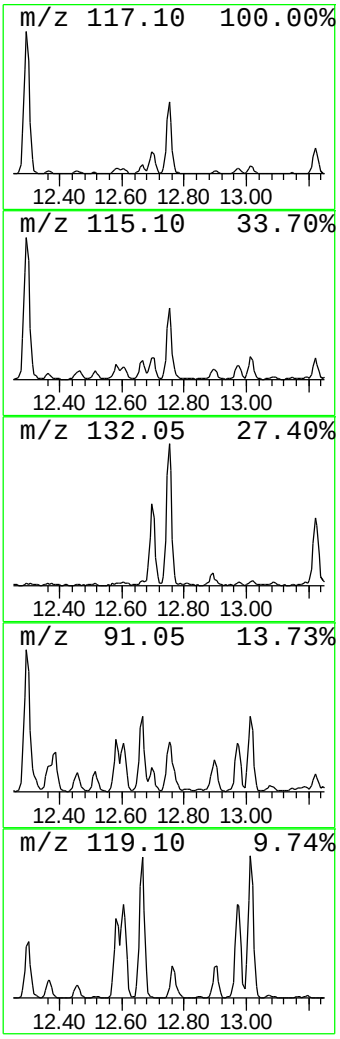
Peak Number 7 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	9.70 ug/l	561473	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





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ALS Vial : 49 Sample Multiplier: 1

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ClientSampleId : S39-0187

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

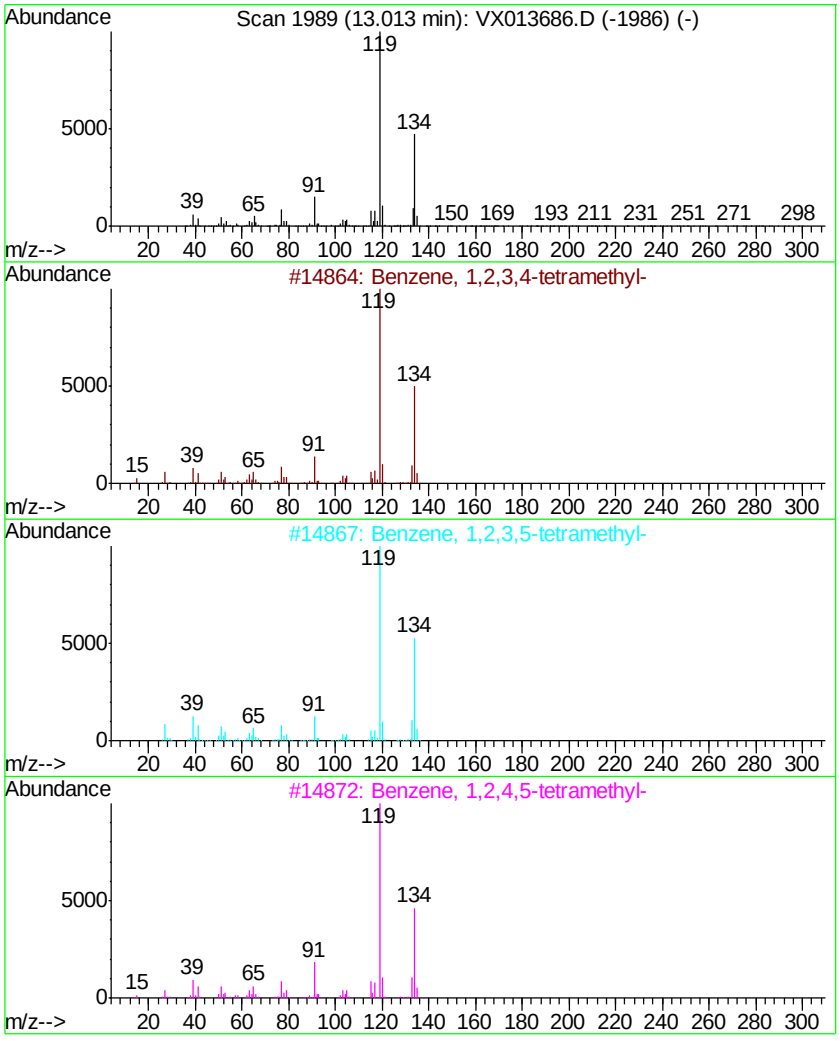
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

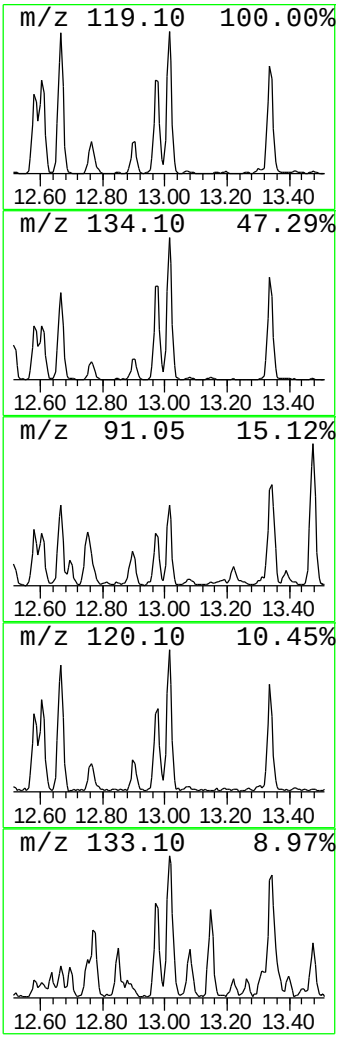
****

Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	10.26 ug/l	593853	1,4-Dichlorobenzene-d4	12.07

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	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





Library Search Compound Report

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Data File : VX013686.D
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Sample : K5965-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S39-0187

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

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

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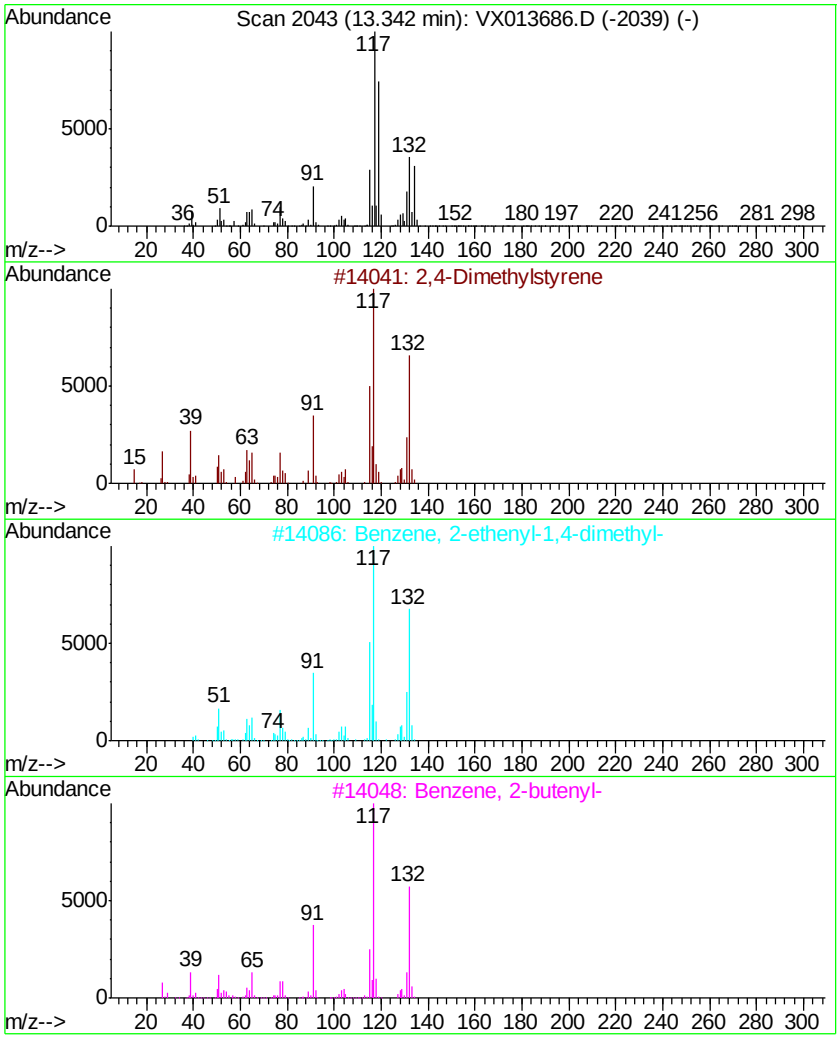
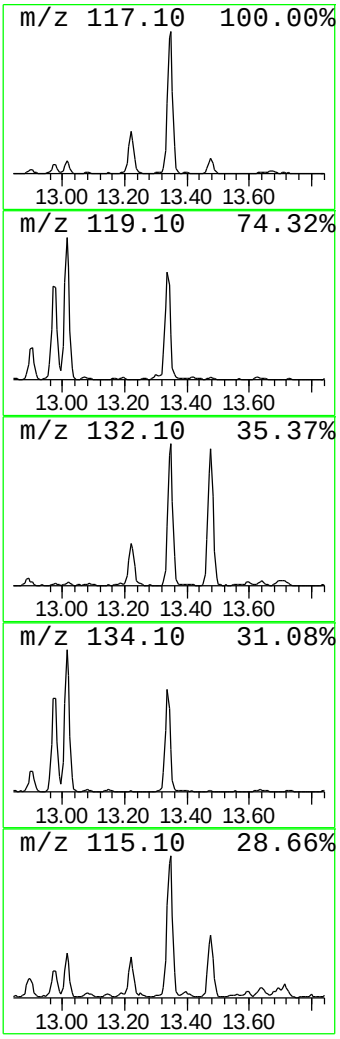
Peak Number 9 2,4-Dimethylstyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	18.36 ug/l	1062370	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	60
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	55
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55





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Data File : VX013686.D
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Instrument : MSVOA_X
ClientSampleId : S39-0187

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

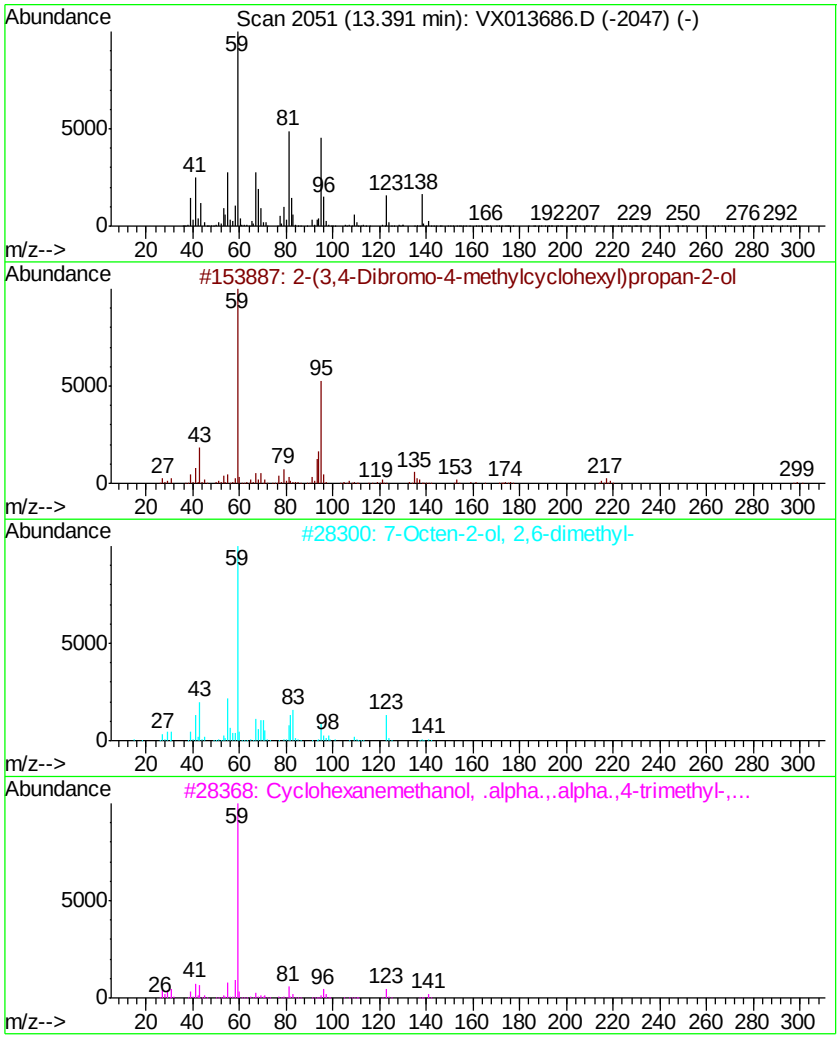
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

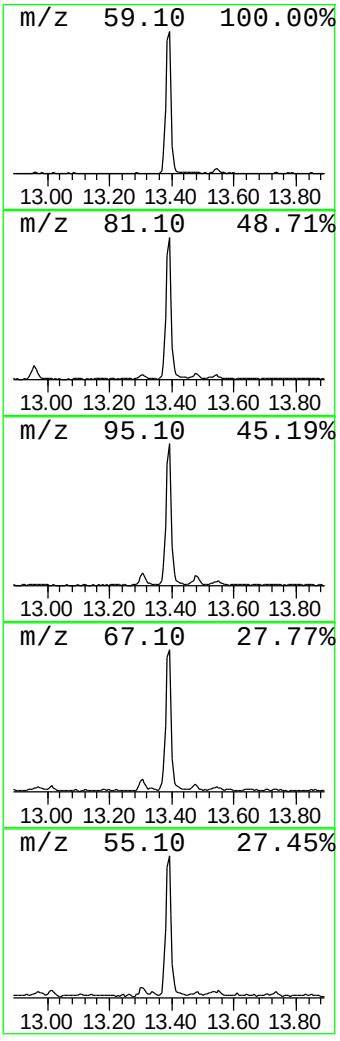
****

Peak Number 10 unknown13.39 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	14.83 ug/l	858359	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(3,4-Dibromo-4-methylcyclohexy...	312	C10H18Br2O	110202-13-6	38
2	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	37
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	25
4	trans-2,7-Dimethyl-4,6-octadien-...	154	C10H18O	1000281-69-5	25
5	7-Octen-2-ol, 2-methyl-6-methylene-	154	C10H18O	000543-39-5	23





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112719\
Data File : VX013686.D
Acq On : 28 Nov 2019 05:28
Operator : JC/SP
Sample : K5965-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S39-0187

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.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
Cyclopentane, met...	4.39	22.9	ug/l	898242	1	5.65	1957910	50.0
Benzene, 1-ethyl-...	11.45	26.6	ug/l	1539220	4	12.07	2893450	50.0
Benzene, 1,2,3-tr...	12.14	21.5	ug/l	1246430	4	12.07	2893450	50.0
Indane	12.29	23.6	ug/l	1367960	4	12.07	2893450	50.0
Benzene, 1-etheny...	12.75	9.7	ug/l	561473	4	12.07	2893450	50.0
Benzene, 1,2,3,4-...	13.01	10.3	ug/l	593853	4	12.07	2893450	50.0
2,4-Dimethylstyrene	13.34	18.4	ug/l	1062370	4	12.07	2893450	50.0
unknown13.39	13.39	14.8	ug/l	858359	4	12.07	2893450	50.0