LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014146.D
Acq On : 20 Dec 2019 02:32
Operator : JC/SP
Sample : K6372-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

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\82X121319W.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	39	rBV	1843301	2125664	2.73%	0.623%
2	1.783	142	147	160	rVB	2589069	3493500	4.49%	1.024%
3	1.997	176	182	194	rVB2	1175185	1880964	2.42%	0.552%
4	2.259	221	225	236	rVB	744811	1150528	1.48%	0.337%
5	2.887	323	328	332	rBV	730254	1409178	1.81%	0.413%
6	2.929	332	335	349	rVB2	580804	1330531	1.71%	0.390%
7	3.167	364	374	390	rBV2	1009560	2434916	3.13%	0.714%
8	4.399	566	576	588	rVB	1196763	3430354	4.41%	1.006%
9	5.490	742	755	761	rBV	322439	960730	1.24%	0.282%
10	5.581	761	770	776	rBV3	439177	1454065	1.87%	0.426%
11	5.655	776	782	788	rVB2	362399	928338	1.19%	0.272%
12	5.923	816	826	838	rVB3	329191	1016243	1.31%	0.298%
13	6.051	838	847	852	rBV2	331118	835840	1.07%	0.245%
14	6.136	852	861	873	rVB	6409499	16401337	21.09%	4.809%
15	6.423	900	908	924	rVB	1702532	5358209	6.89%	1.571%
16	6.849	970	978	985	rBV	832668	2080193	2.68%	0.610%
17	6.935	985	992	1003	rVB3	396008	1217702	1.57%	0.357%
18	7.453	1065	1077	1090	rBV4	1214074	3220097	4.14%	0.944%
19	8.209	1196	1201	1206	rVB	711302	1167162	1.50%	0.342%
20	8.569	1254	1260	1269	rVB3	661091	1350261	1.74%	0.396%
21	8.709	1278	1283	1289	rVB	1779723	2735258	3.52%	0.802%
22	8.782	1289	1295	1301	rBV	8403174	13099252	16.85%	3.841%
23	10.111	1508	1513	1517	rVB	1624370	2153159	2.77%	0.631%
24	10.245	1530	1535	1541	rVB	9643069	12613103	16.22%	3.698%
25	10.361	1546	1554	1559	rBV2	53786404	77756109	100.00%	22.799%
26	10.696	1603	1609	1615	rVB	23233673	29740053	38.25%	8.720%
27	11.013	1654	1661	1669	rVB	705043	889834	1.14%	0.261%
28	11.129	1676	1680	1685	rBV	1359859	1758487	2.26%	0.516%
29	11.355	1713	1717	1723	rVB	844786	1018707	1.31%	0.299%
30	11.428	1723	1729	1737	rBV	11587435	22100303	28.42%	6.480%
31	11.501	1737	1741	1748	rVB	7717191	9053812	11.64%	2.655%
32	11.666	1762	1768	1777	rBV	6781020	8617917	11.08%	2.527%
33	11.806	1785	1791	1796	rBV	29646879	36304315	46.69%	10.645%
34	12.074	1830	1835	1840	rVB	1876235	2353580	3.03%	0.690%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014146.D
Acq On : 20 Dec 2019 02:32
Operator : JC/SP
Sample : K6372-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

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\82X121319W.M
Title : SW846 8260

35	12.141	1840	1846	1850	rBV	8587687	10841775	13.94%	3.179%
36	12.294	1865	1871	1879	rBV2	8174460	11300248	14.53%	3.313%
37	12.367	1879	1883	1890	rVV2	2813026	3628183	4.67%	1.064%
38	12.464	1893	1899	1903	rBV2	843506	1184110	1.52%	0.347%
39	12.513	1903	1907	1913	rVB	842574	1089651	1.40%	0.320%
40	12.580	1913	1918	1920	rBV	2309642	2756721	3.55%	0.808%
41	12.605	1920	1922	1927	rVB	1842535	1950954	2.51%	0.572%
42	12.666	1927	1932	1935	rBV	3550122	4335359	5.58%	1.271%
43	12.751	1941	1946	1953	rBV2	2613040	3566312	4.59%	1.046%
44	12.897	1965	1970	1975	rVB	921989	1126125	1.45%	0.330%
45	12.970	1975	1982	1986	rBV	2201032	2709708	3.48%	0.795%
46	13.013	1986	1989	1995	rVB	3186855	3602478	4.63%	1.056%
47	13.220	2019	2023	2027	rVB	2414714	2732730	3.51%	0.801%
48	13.342	2039	2043	2048	rVB2	3900663	5153100	6.63%	1.511%
49	13.476	2060	2065	2071	rVB	761764	941594	1.21%	0.276%
50	13.635	2087	2091	2097	rVV4	527153	994613	1.28%	0.292%
51	13.714	2101	2104	2110	rVB2	558320	860683	1.11%	0.252%
52	13.830	2116	2123	2132	rVB	4522421	5597393	7.20%	1.641%
53	14.690	2260	2264	2275	rVB	1552196	1908114	2.45%	0.559%
54	14.830	2282	2287	2299	rBV	1013563	1324929	1.70%	0.388%

Sum of corrected areas: 341044481

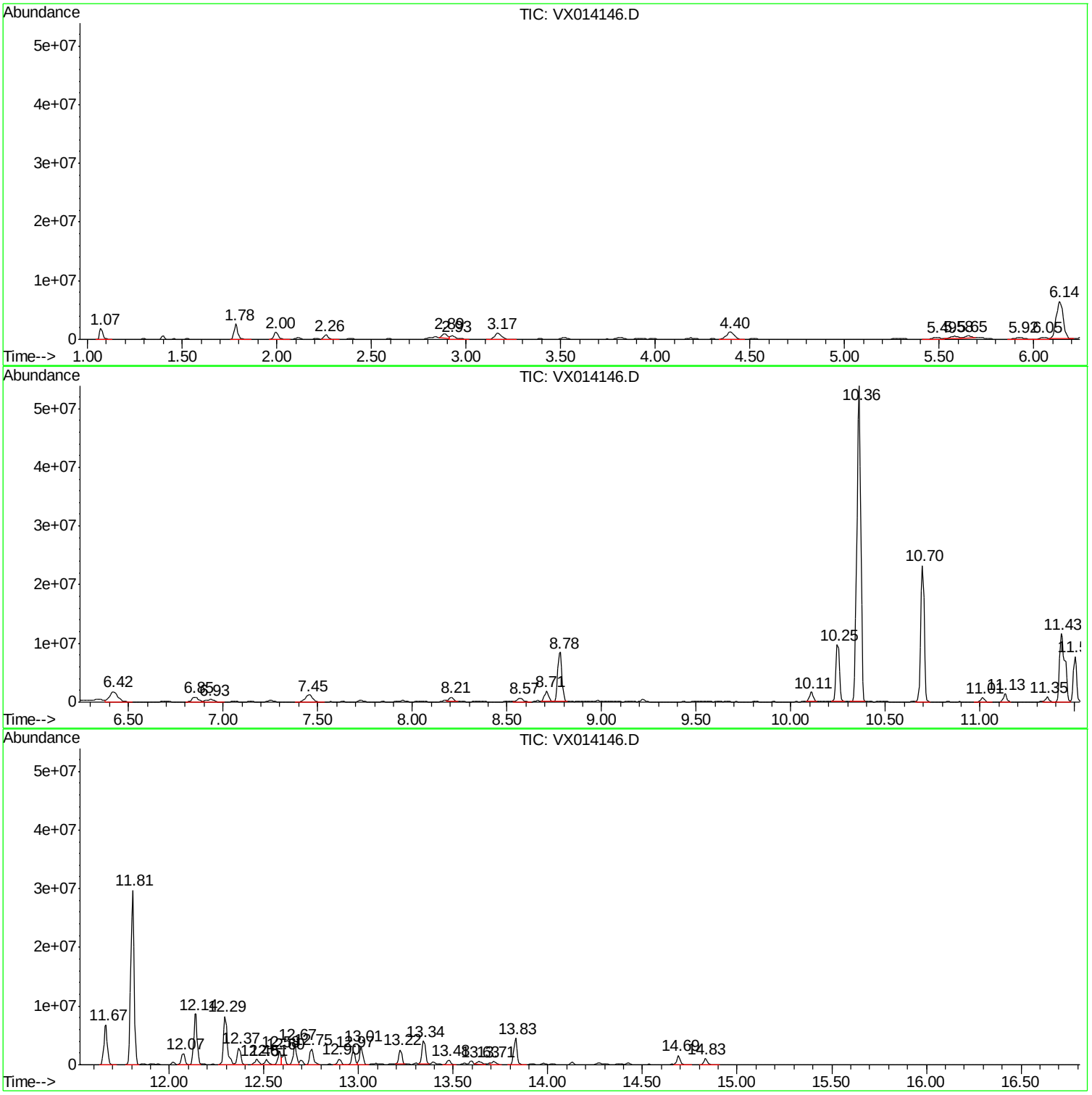
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014146.D
Acq On : 20 Dec 2019 02:32
Operator : JC/SP
Sample : K6372-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014146.D
Acq On : 20 Dec 2019 02:32
Operator : JC/SP
Sample : K6372-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

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

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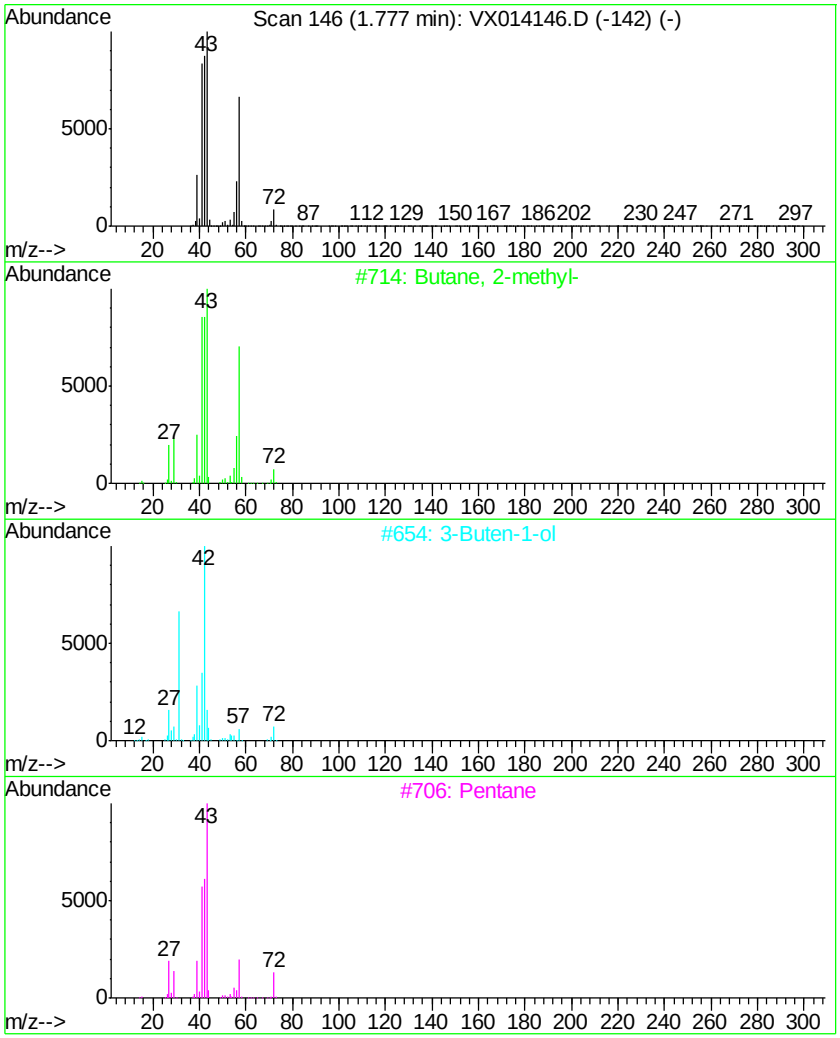
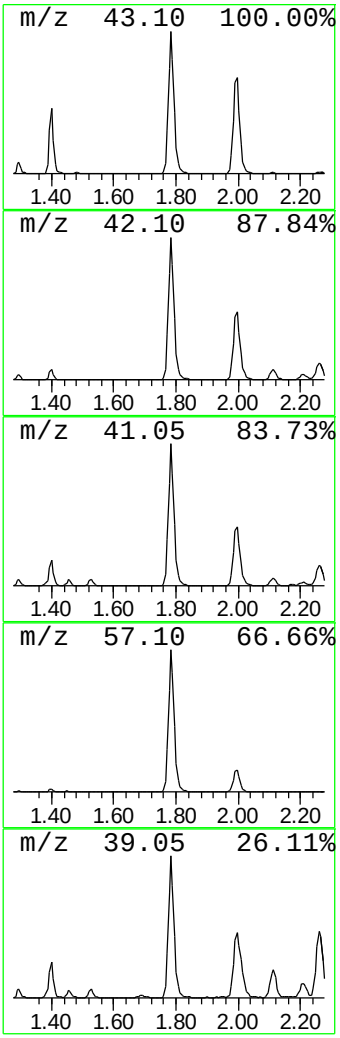
Peak Number 2 Butane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.78	188.16 ug/l	3493500	Pentafluorobenzene	5.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	43
4	1-Butene	56	C4H8	000106-98-9	10
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014146.D
Acq On : 20 Dec 2019 02:32
Operator : JC/SP
Sample : K6372-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

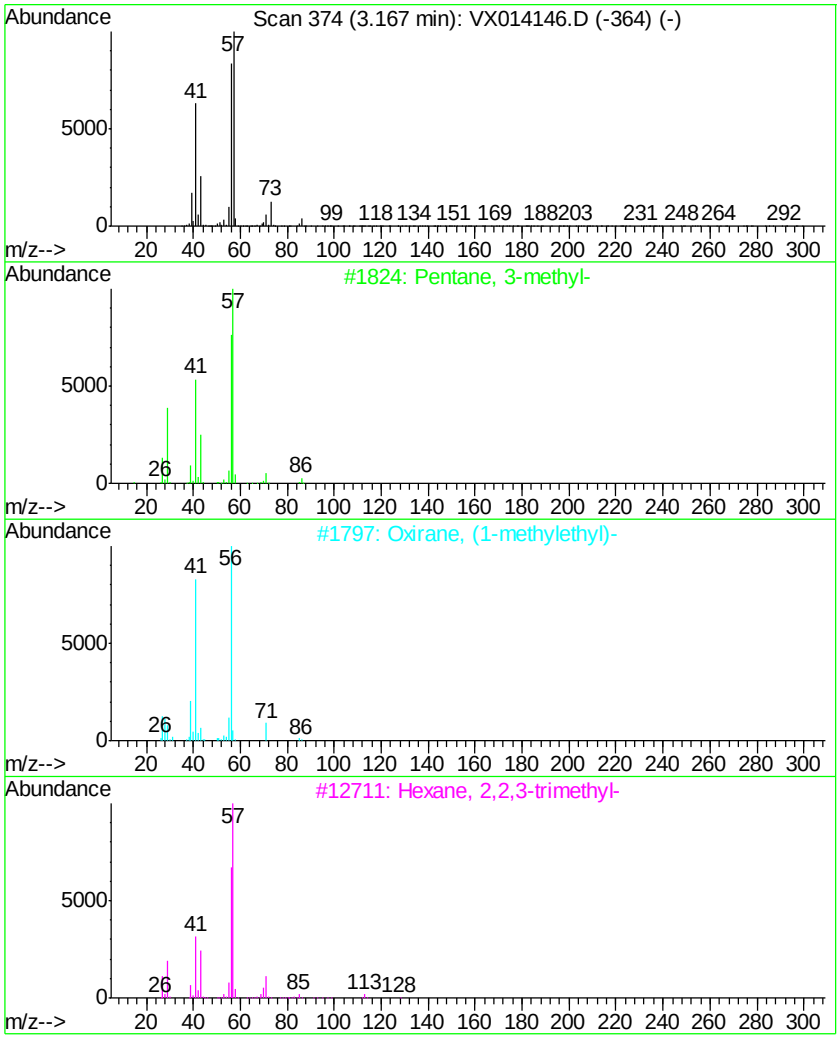
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

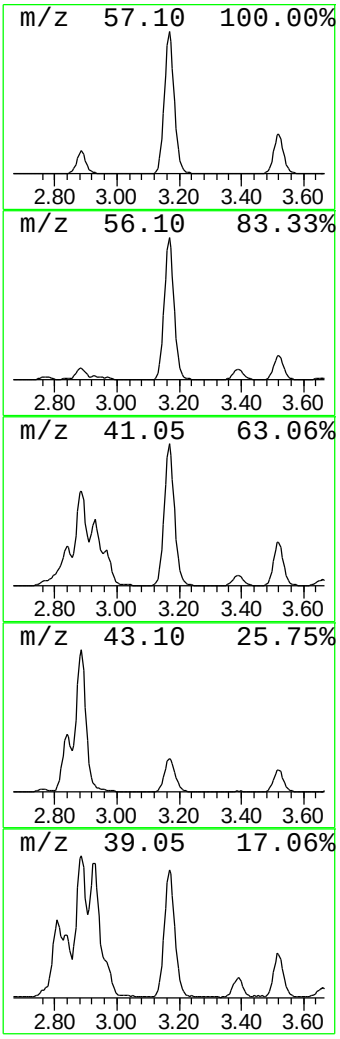
****

Peak Number 3 Pentane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	131.14 ug/l	2434920	Pentafluorobenzene	5.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	59
3	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	56
4	Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	40
5	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	39





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014146.D
Acq On : 20 Dec 2019 02:32
Operator : JC/SP
Sample : K6372-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

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

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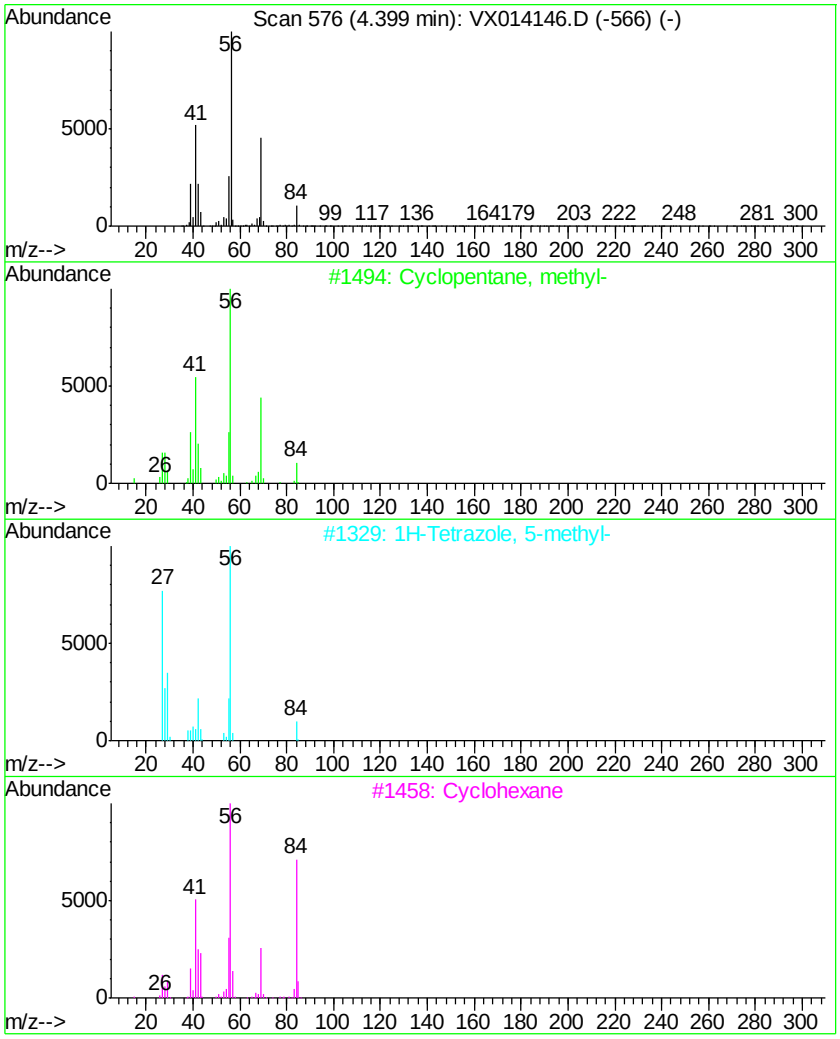
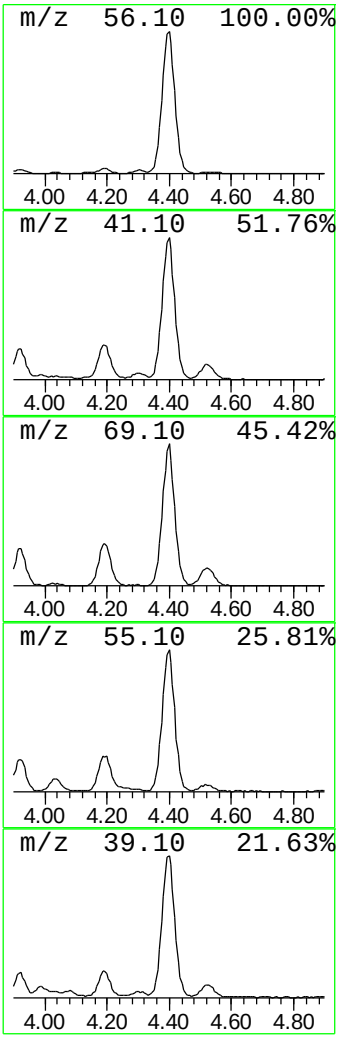
Peak Number 4 Cyclopentane, methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	184.76 ug/l	3430350	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	80
3	Cyclohexane	84	C6H12	000110-82-7	78
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014146.D
Acq On : 20 Dec 2019 02:32
Operator : JC/SP
Sample : K6372-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

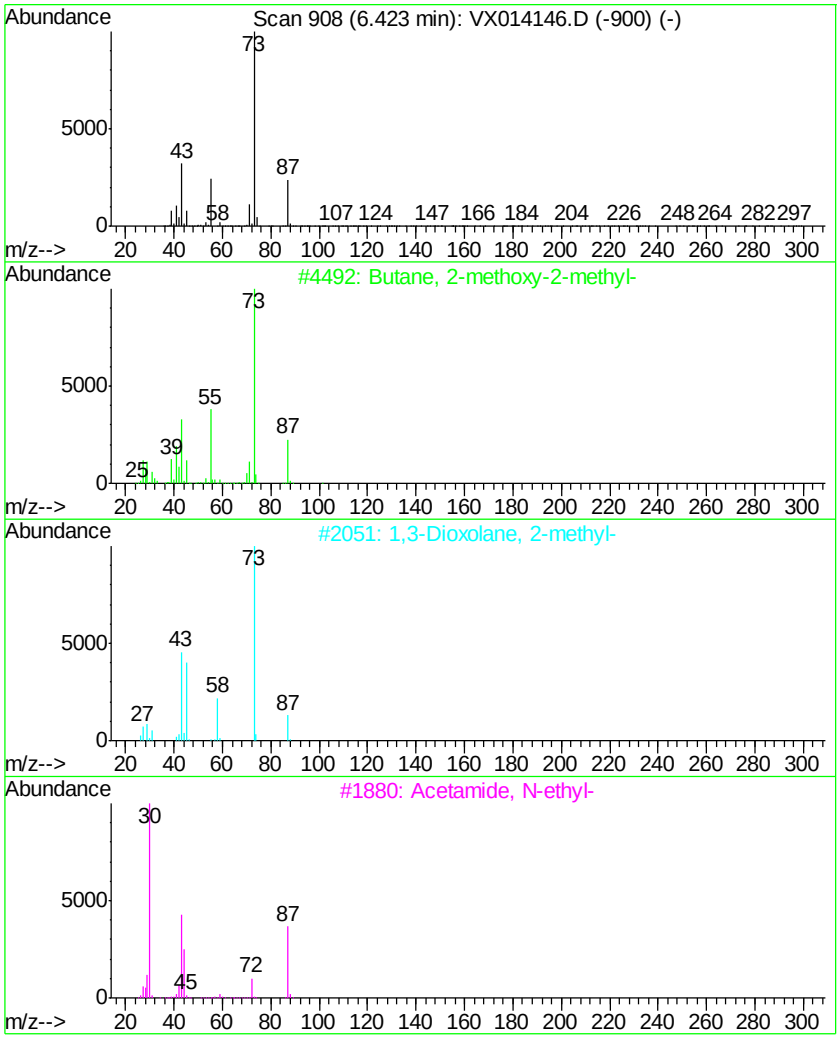
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

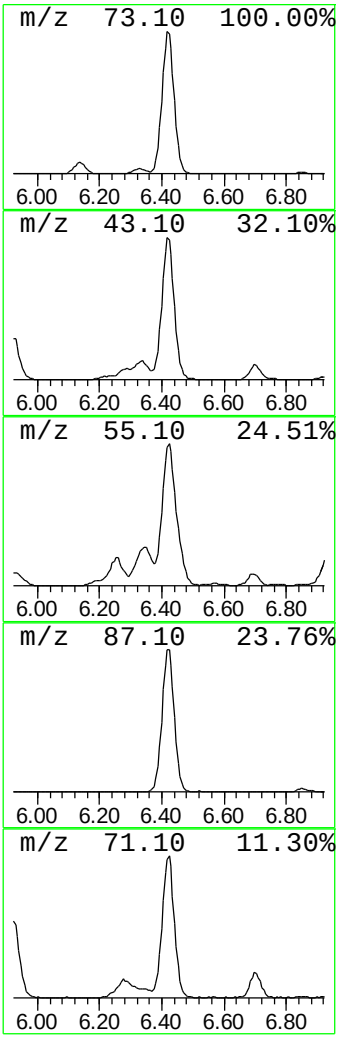
****

Peak Number 5 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	128.79 ug/l	5358210	1,4-Difluorobenzene	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014146.D
Acq On : 20 Dec 2019 02:32
Operator : JC/SP
Sample : K6372-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

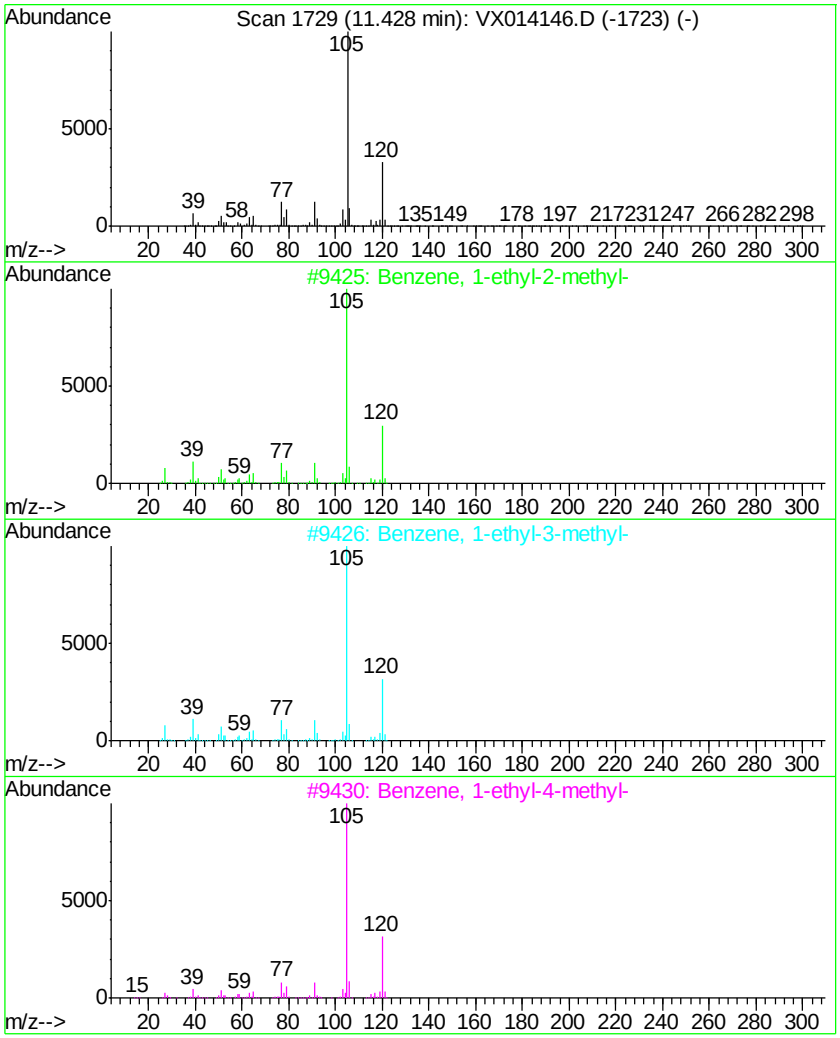
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

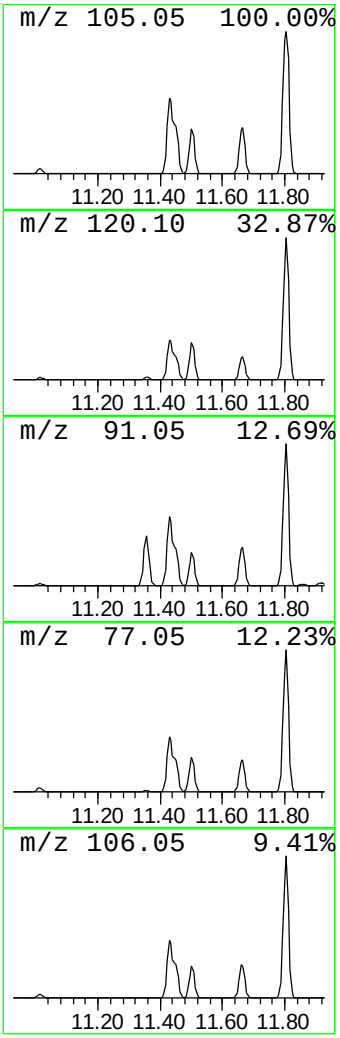
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	469.50 ug/l	22100300	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	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014146.D
Acq On : 20 Dec 2019 02:32
Operator : JC/SP
Sample : K6372-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

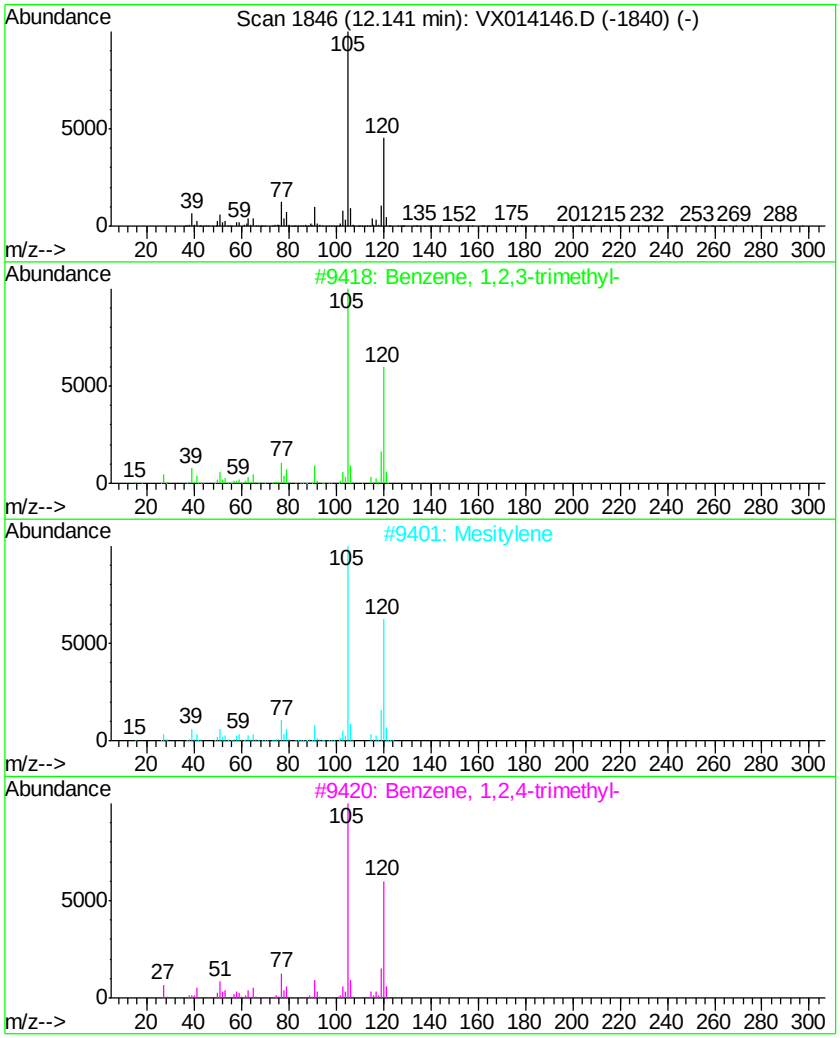
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

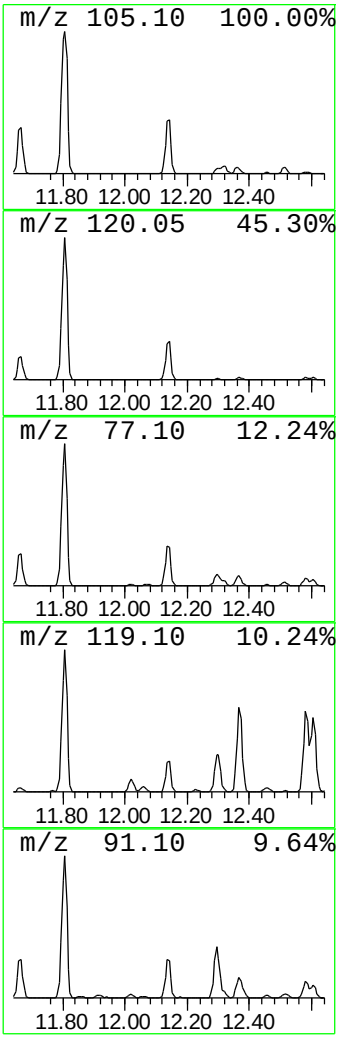
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	230.33 ug/l	10841800	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	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014146.D
Acq On : 20 Dec 2019 02:32
Operator : JC/SP
Sample : K6372-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

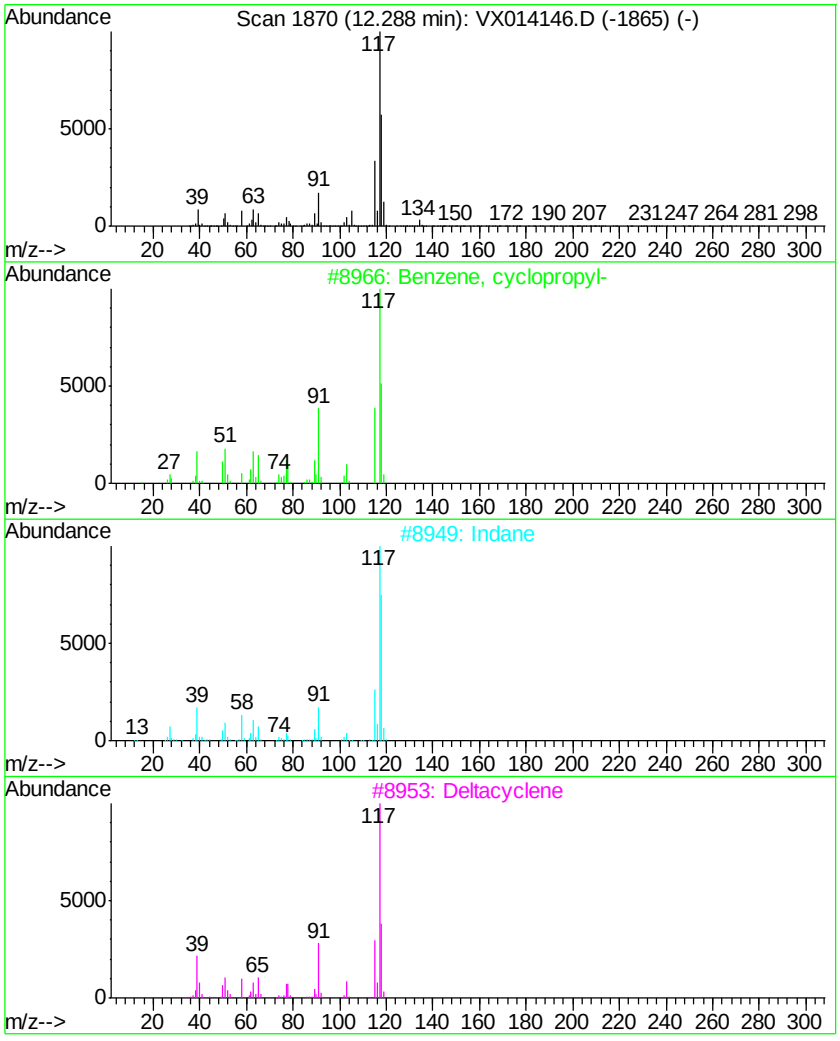
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

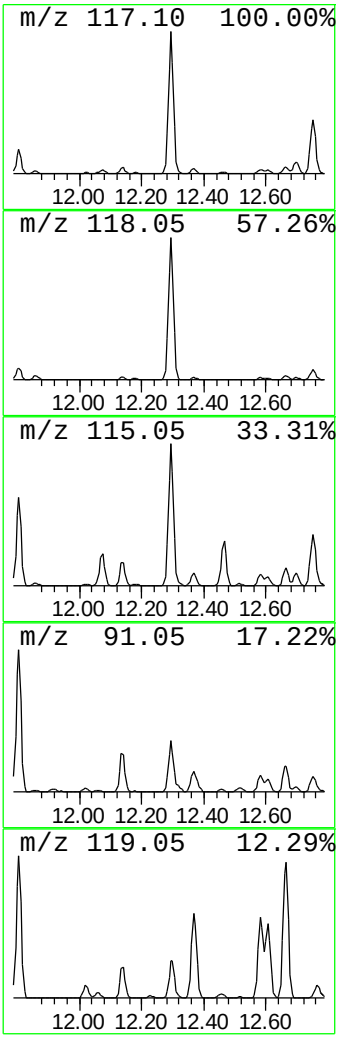
****

Peak Number 9 Benzene, cyclopropyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	240.07 ug/l	11300200	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
2	Indane	118	C9H10	000496-11-7	76
3	Deltacyclene	118	C9H10	007785-10-6	58
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014146.D
Acq On : 20 Dec 2019 02:32
Operator : JC/SP
Sample : K6372-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

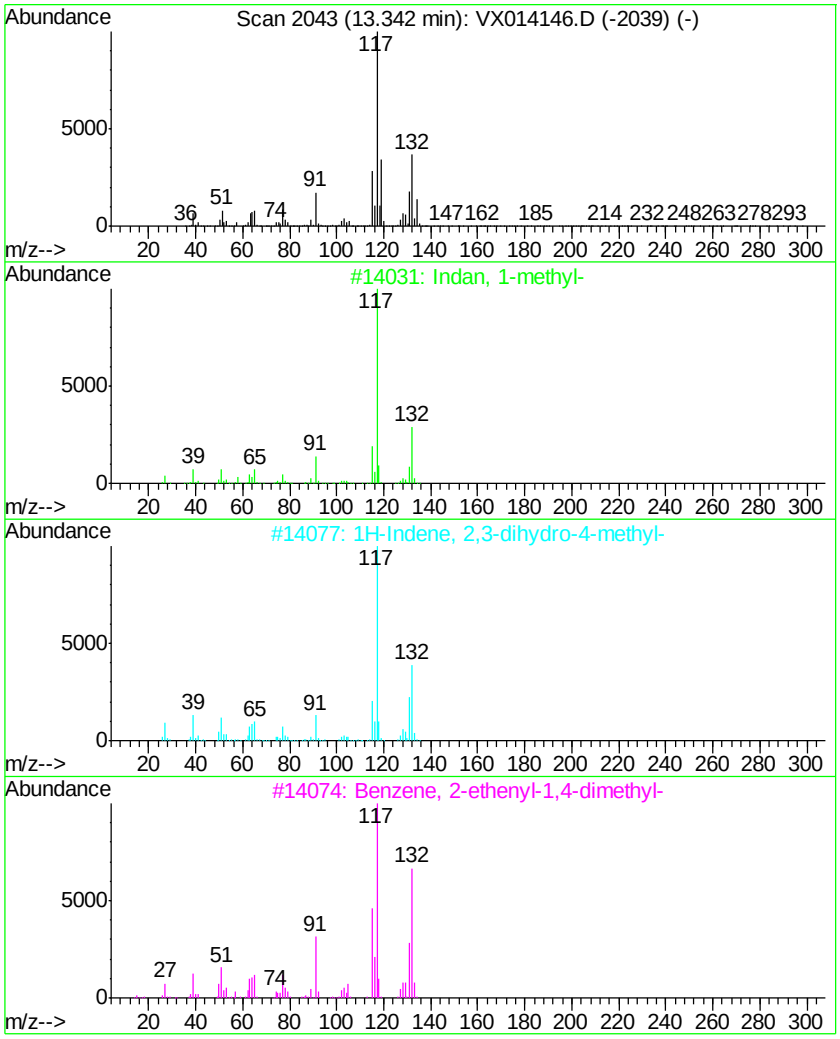
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

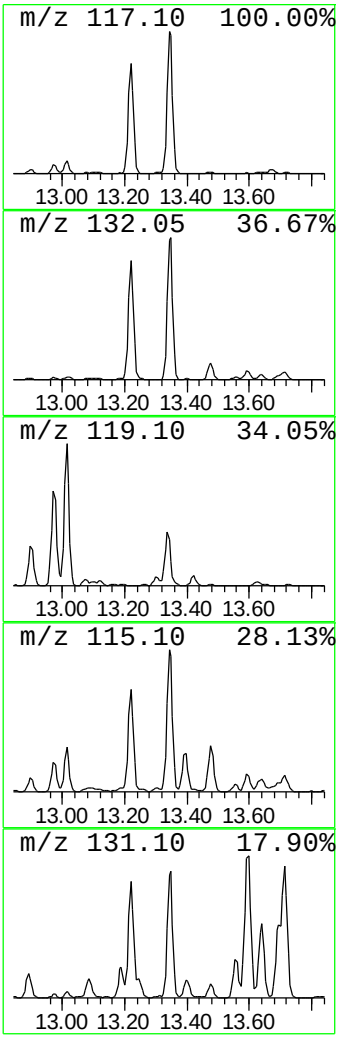
****

Peak Number 10 Indan, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	109.47 ug/l	5153100	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
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	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	89
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014146.D
Acq On : 20 Dec 2019 02:32
Operator : JC/SP
Sample : K6372-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.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
Butane, 2-methyl-	1.78	188.2	ug/l	3493500	1	5.65	928338	50.0
Pentane, 3-methyl-	3.17	131.1	ug/l	2434920	1	5.65	928338	50.0
Cyclopentane, met...	4.40	184.8	ug/l	3430350	1	5.65	928338	50.0
Butane, 2-methoxy...	6.42	128.8	ug/l	5358210	2	6.85	2080190	50.0
Benzene, 1-ethyl-...	11.43	469.5	ug/l	22100300	4	12.07	2353580	50.0
Benzene, 1,2,3-tr...	12.14	230.3	ug/l	10841800	4	12.07	2353580	50.0
Benzene, cyclopro...	12.29	240.1	ug/l	11300200	4	12.07	2353580	50.0
Indan, 1-methyl-	13.34	109.5	ug/l	5153100	4	12.07	2353580	50.0