LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014153.D
Acq On : 20 Dec 2019 05:15
Operator : JC/SP
Sample : K6372-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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	41	rBV	2775603	3206413	14.29%	1.694%
2	2.838	302	320	323	rBV2	128809	305241	1.36%	0.161%
3	2.887	323	328	347	rVB	329644	870275	3.88%	0.460%
4	3.167	363	374	385	rBV	397022	912282	4.07%	0.482%
5	4.301	549	560	567	rBV	86686	251308	1.12%	0.133%
6	4.393	567	575	589	rVB	224053	648666	2.89%	0.343%
7	5.490	744	755	763	rBV	307277	897597	4.00%	0.474%
8	5.655	763	782	788	rVV2	560924	2337125	10.42%	1.235%
9	5.722	788	793	807	rVB2	332925	995534	4.44%	0.526%
10	5.923	817	826	839	rVV2	279559	814009	3.63%	0.430%
11	6.051	839	847	853	rVV	325518	837857	3.73%	0.443%
12	6.136	853	861	871	rVV	1085434	2842044	12.67%	1.501%
13	6.252	871	880	888	rVV4	268560	1032440	4.60%	0.545%
14	6.350	889	896	904	rVV3	457452	1413786	6.30%	0.747%
15	6.447	904	912	923	rVB3	184333	630038	2.81%	0.333%
16	6.849	969	978	985	rBV	814541	1992049	8.88%	1.052%
17	6.929	986	991	1004	rVB3	271541	774187	3.45%	0.409%
18	7.252	1037	1044	1052	rVB2	120742	255092	1.14%	0.135%
19	7.447	1065	1076	1089	rBV4	383537	1155965	5.15%	0.611%
20	7.727	1117	1122	1135	rVB	144924	292963	1.31%	0.155%
21	7.947	1148	1158	1166	rBV4	89385	332194	1.48%	0.175%
22	8.050	1166	1175	1186	rVB3	251009	647902	2.89%	0.342%
23	8.172	1186	1195	1199	rBV	378264	816704	3.64%	0.431%
24	8.374	1222	1228	1237	rVB5	121782	237126	1.06%	0.125%
25	8.569	1255	1260	1269	rVB5	284968	628441	2.80%	0.332%
26	8.666	1269	1276	1278	rBV3	266974	478630	2.13%	0.253%
27	8.709	1278	1283	1289	rVB	1831643	2838689	12.65%	1.500%
28	8.782	1289	1295	1300	rBV	841478	1360367	6.06%	0.719%
29	8.983	1323	1328	1332	rBV2	129577	249143	1.11%	0.132%
30	9.032	1332	1336	1341	rVB3	171062	307723	1.37%	0.163%
31	9.160	1350	1357	1362	rVV	244056	428334	1.91%	0.226%
32	9.215	1362	1366	1378	rVB	526706	896216	3.99%	0.473%
33	9.562	1418	1423	1428	rVB2	192015	395494	1.76%	0.209%
34	9.818	1458	1465	1471	rBV4	141334	271624	1.21%	0.143%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014153.D
Acq On : 20 Dec 2019 05:15
Operator : JC/SP
Sample : K6372-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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	10.105	1508	1512	1517	rBV	1640555	2219590	9.89%	1.173%
36	10.251	1530	1536	1541	rVV	14425935	19807853	88.27%	10.464%
37	10.355	1545	1553	1559	rVB	11119178	14372075	64.05%	7.592%
38	10.696	1604	1609	1614	rVB	2045516	2590547	11.54%	1.368%
39	11.013	1656	1661	1669	rBV	1106476	1383675	6.17%	0.731%
40	11.135	1676	1681	1685	rBV	1378373	1761979	7.85%	0.931%
41	11.355	1712	1717	1723	rVB	2530631	2973868	13.25%	1.571%
42	11.452	1723	1733	1737	rVV	1942153	2854554	12.72%	1.508%
43	11.501	1737	1741	1748	rVB	960465	1152328	5.14%	0.609%
44	11.666	1762	1768	1776	rBV	1894434	2516432	11.21%	1.329%
45	11.806	1785	1791	1796	rVB	18311899	22439134	100.00%	11.854%
46	11.916	1803	1809	1811	rBV	273239	367595	1.64%	0.194%
47	11.940	1811	1813	1818	rVB	333530	370554	1.65%	0.196%
48	12.074	1829	1835	1839	rBV2	1843465	2507301	11.17%	1.324%
49	12.135	1841	1845	1850	rVB	4584345	5647545	25.17%	2.983%
50	12.294	1866	1871	1878	rBV	10004554	12037026	53.64%	6.359%
51	12.361	1878	1882	1890	rVB3	2181754	3171375	14.13%	1.675%
52	12.464	1893	1899	1903	rBV2	1390006	1914877	8.53%	1.012%
53	12.513	1903	1907	1913	rVB2	961807	1342686	5.98%	0.709%
54	12.580	1913	1918	1921	rBV	2432240	3217530	14.34%	1.700%
55	12.605	1921	1922	1927	rVB	1320421	1035925	4.62%	0.547%
56	12.665	1927	1932	1935	rBV	3429924	4249858	18.94%	2.245%
57	12.696	1935	1937	1941	rVB	773195	799957	3.57%	0.423%
58	12.751	1941	1946	1954	rBV	2870937	3853545	17.17%	2.036%
59	12.897	1965	1970	1975	rVB2	503774	653445	2.91%	0.345%
60	12.970	1975	1982	1986	rBV	3538175	4441063	19.79%	2.346%
61	13.013	1986	1989	1995	rVB	4571997	5088775	22.68%	2.688%
62	13.074	1995	1999	2006	rBV3	455138	841736	3.75%	0.445%
63	13.190	2015	2018	2019	rBV	282837	266953	1.19%	0.141%
64	13.220	2019	2023	2027	rVV	2235432	2604744	11.61%	1.376%
65	13.257	2027	2029	2033	rVB	191034	242826	1.08%	0.128%
66	13.306	2033	2037	2039	rBV2	448430	628778	2.80%	0.332%
67	13.342	2039	2043	2048	rVV2	3908353	5310774	23.67%	2.805%
68	13.397	2048	2052	2054	rVV3	359983	520123	2.32%	0.275%
69	13.421	2054	2056	2061	rVB	277759	295946	1.32%	0.156%
70	13.476	2061	2065	2072	rVB	815764	1018392	4.54%	0.538%
71	13.556	2072	2078	2081	rBV2	544953	775651	3.46%	0.410%

LSC Area Percent Report

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Data File : VX014153.D
Acq On : 20 Dec 2019 05:15
Operator : JC/SP
Sample : K6372-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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

72	13.598	2081	2085	2088	rVV	1342242	1893518	8.44%	1.000%
73	13.635	2088	2091	2097	rVV2	1211749	2274059	10.13%	1.201%
74	13.696	2097	2101	2102	rVV	588987	857943	3.82%	0.453%
75	13.714	2102	2104	2110	rVB2	1243922	1738597	7.75%	0.918%
76	13.830	2116	2123	2132	rBV	4468624	5616471	25.03%	2.967%
77	13.921	2132	2138	2142	rVB2	302168	448828	2.00%	0.237%
78	13.976	2142	2147	2151	rBV2	512645	699849	3.12%	0.370%
79	14.025	2151	2155	2159	rVB	390115	452799	2.02%	0.239%
80	14.129	2167	2172	2177	rBV	962170	1165585	5.19%	0.616%
81	14.269	2190	2195	2200	rBV	796232	1248938	5.57%	0.660%
82	14.372	2208	2212	2217	rBV	421270	539824	2.41%	0.285%
83	14.427	2217	2221	2225	rVB	601547	718476	3.20%	0.380%
84	14.689	2261	2264	2269	rVB	517873	597796	2.66%	0.316%
85	14.836	2282	2288	2297	rBV	1045270	1419287	6.33%	0.750%

Sum of corrected areas: 189302443

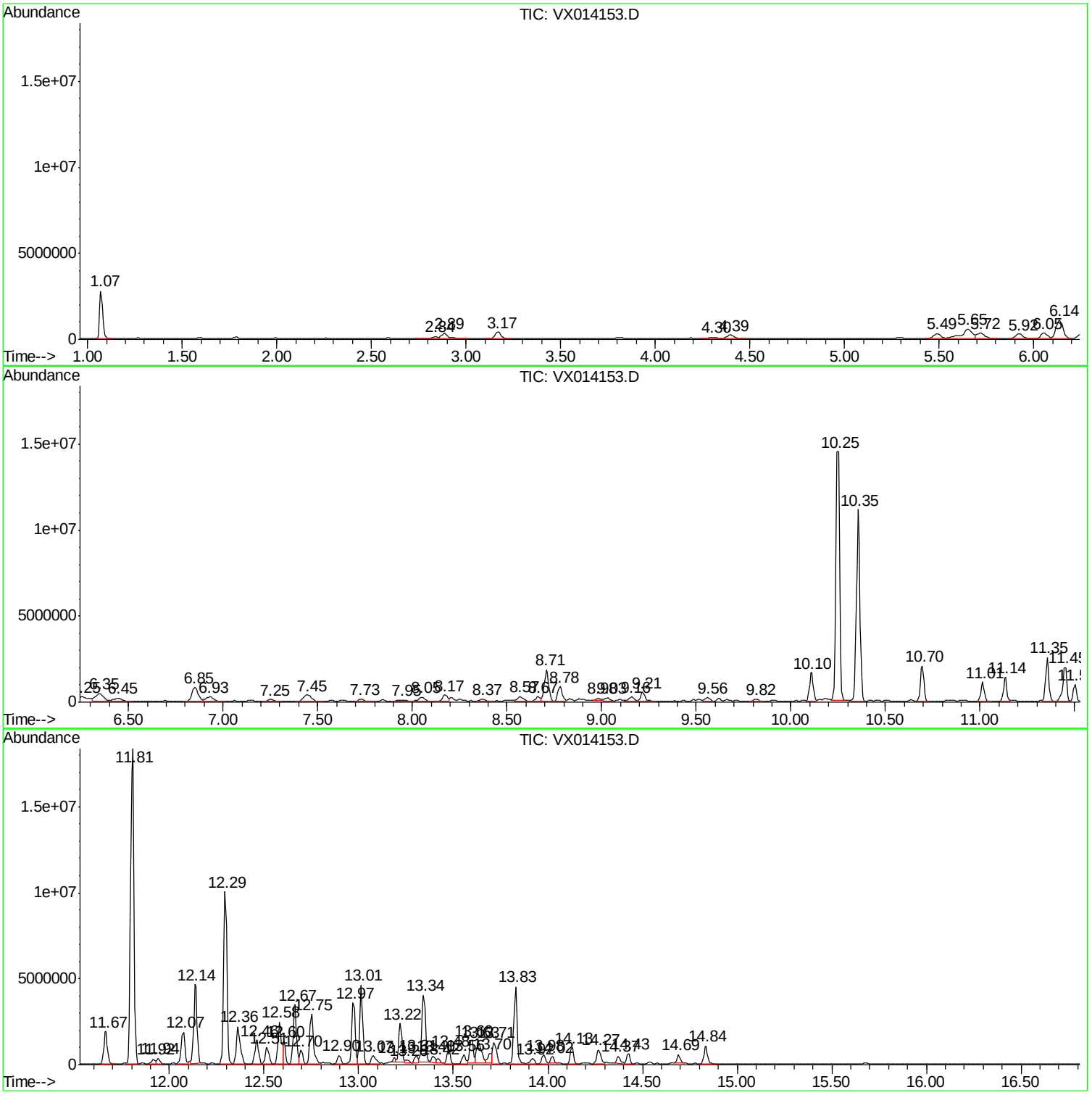
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014153.D
Acq On : 20 Dec 2019 05:15
Operator : JC/SP
Sample : K6372-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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 : VX014153.D
Acq On : 20 Dec 2019 05:15
Operator : JC/SP
Sample : K6372-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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

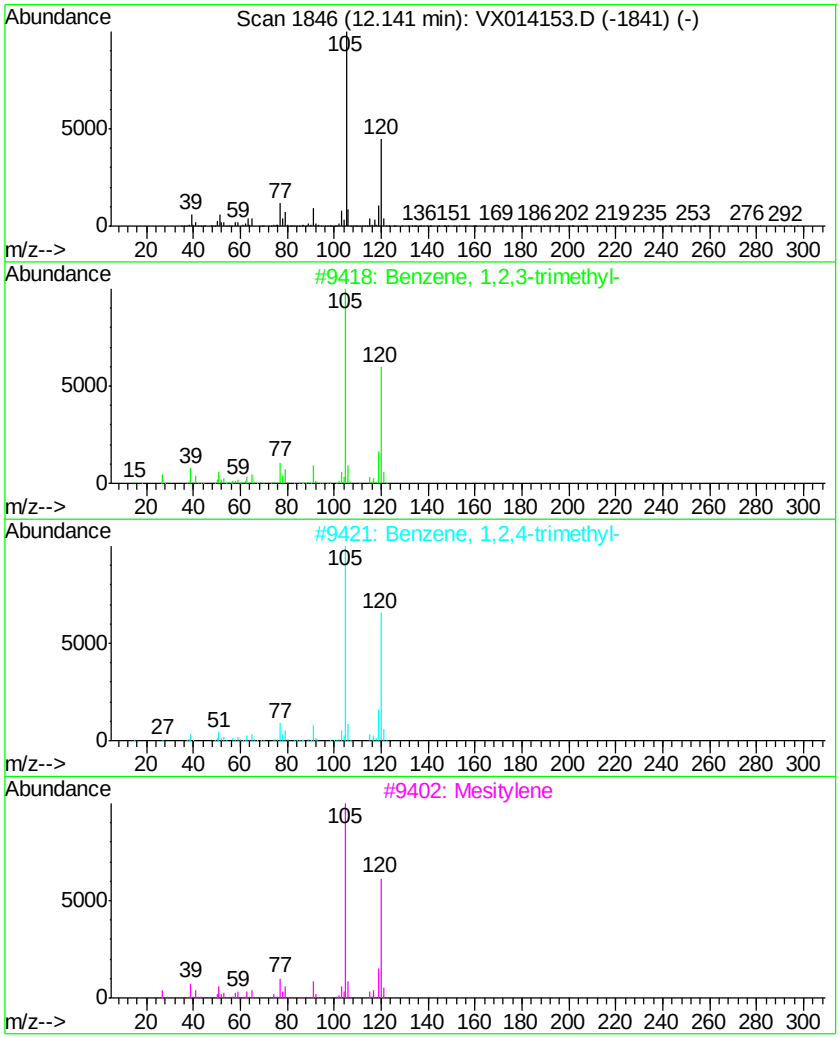
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

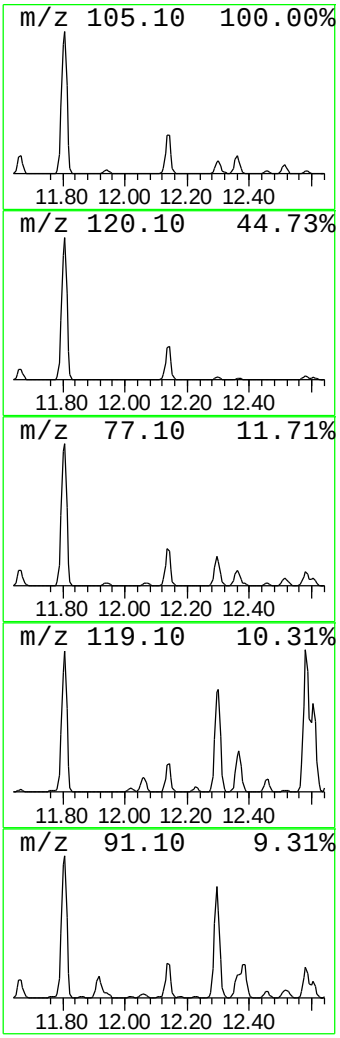
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	112.62 ug/l	5647550	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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	93
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 : VX014153.D
Acq On : 20 Dec 2019 05:15
Operator : JC/SP
Sample : K6372-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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

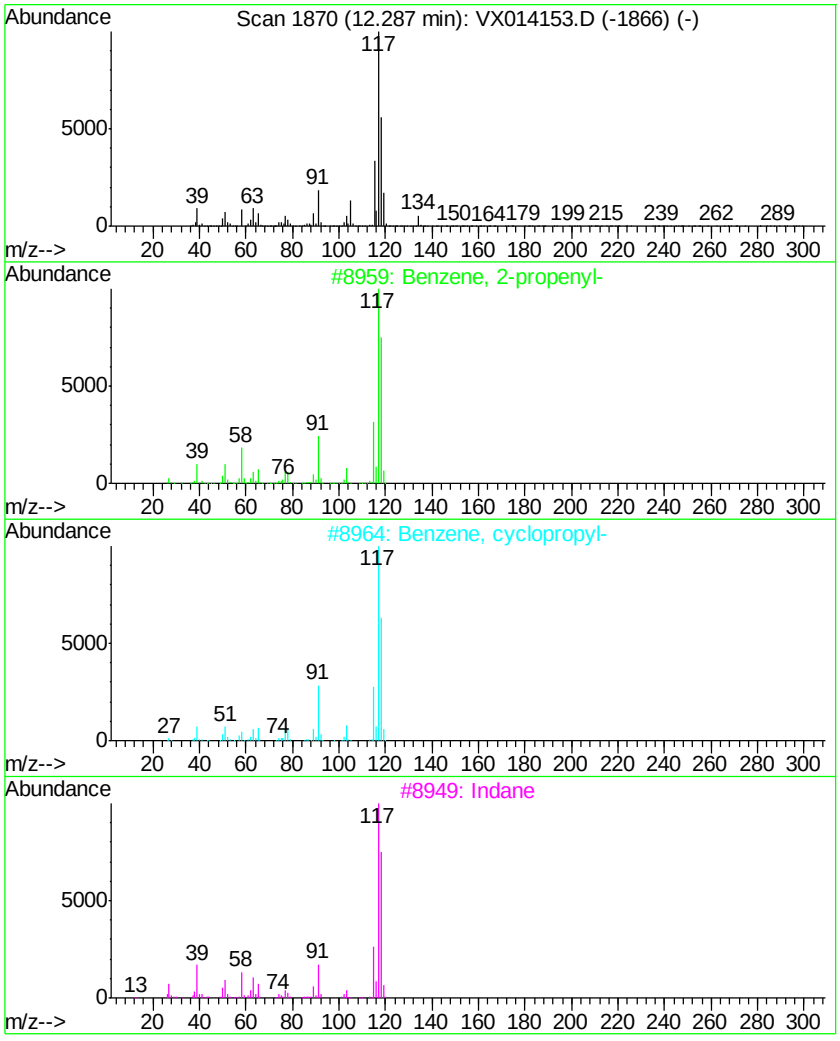
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

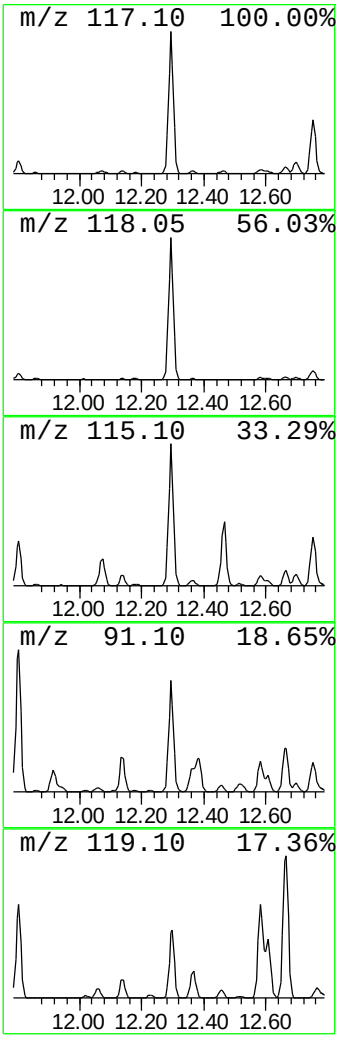
****

Peak Number 3 Benzene, 2-propenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	240.04 ug/l	12037000	1,4-Dichlorobenzene-d4	12.07

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014153.D
Acq On : 20 Dec 2019 05:15
Operator : JC/SP
Sample : K6372-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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

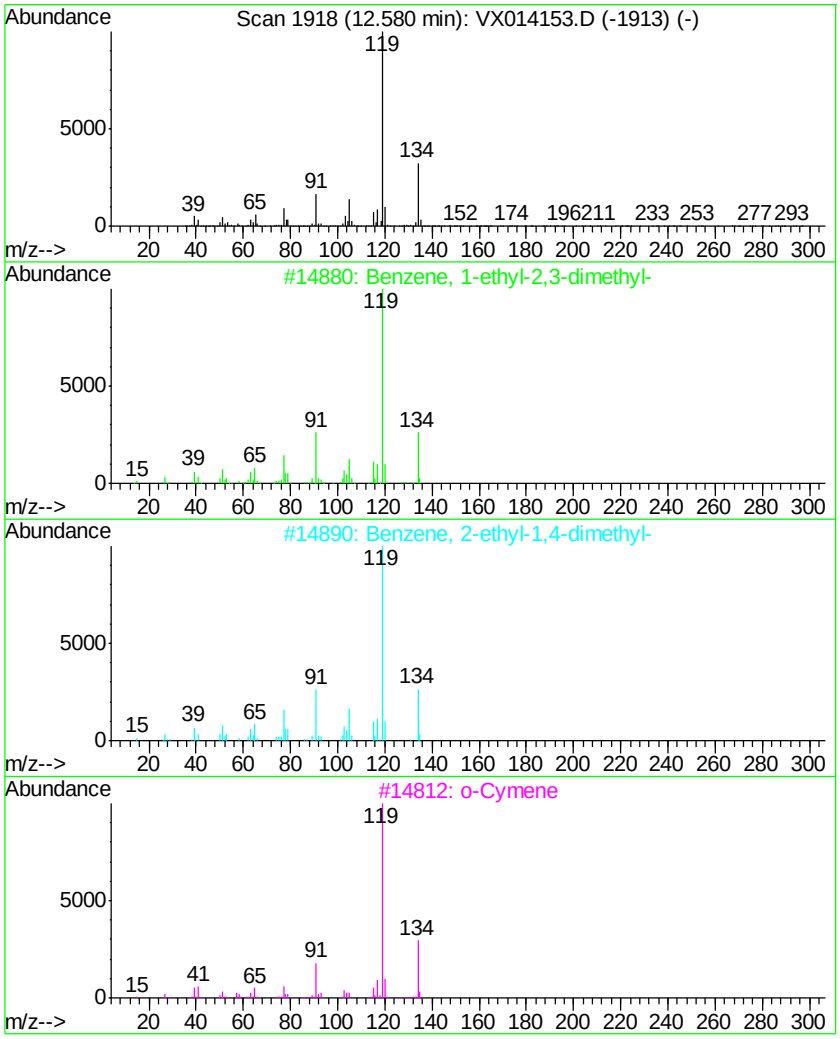
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

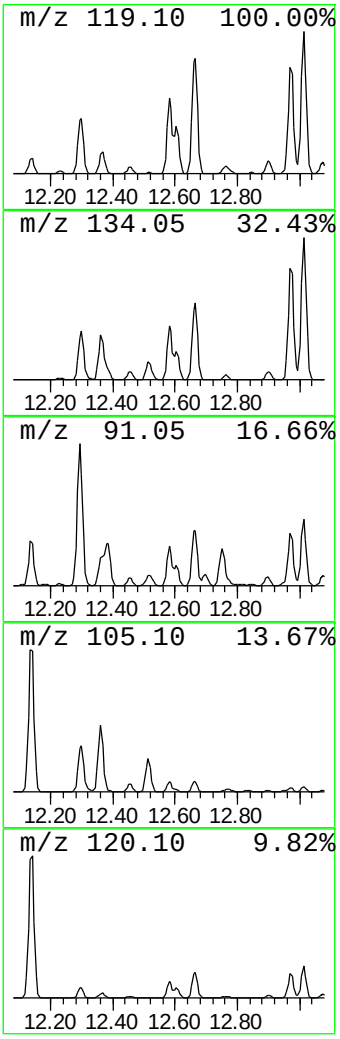
****

Peak Number 4 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	64.16 ug/l	3217530	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014153.D
Acq On : 20 Dec 2019 05:15
Operator : JC/SP
Sample : K6372-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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

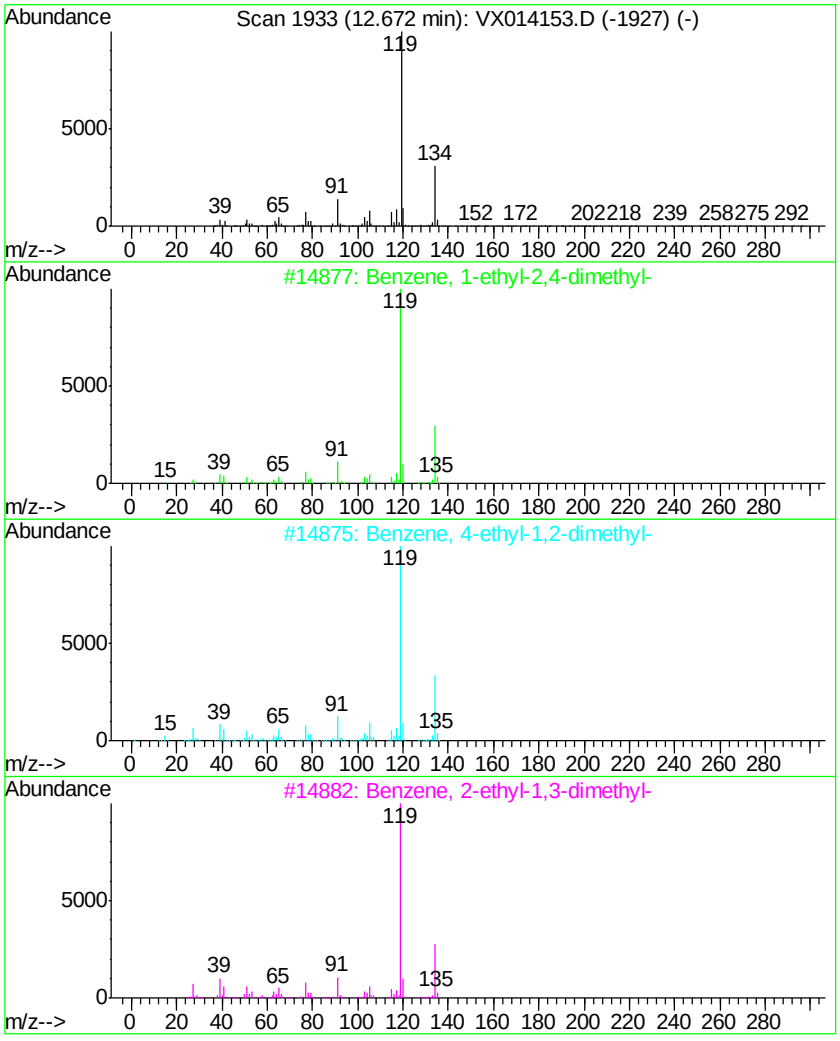
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

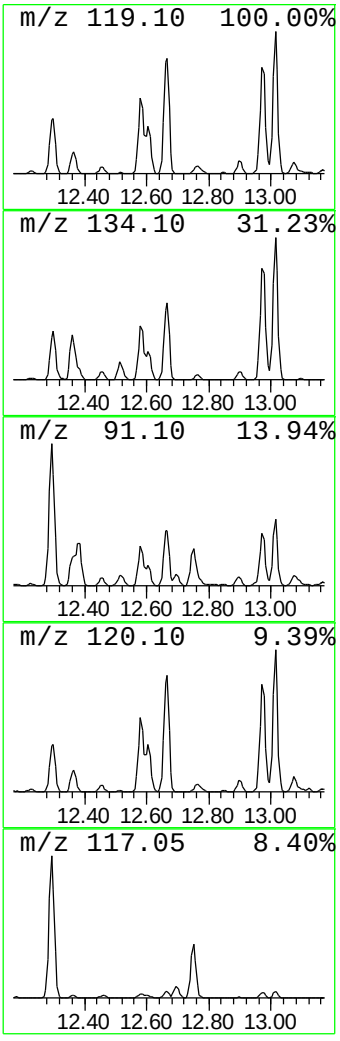
****

Peak Number 5 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	84.75 ug/l	4249860	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014153.D
Acq On : 20 Dec 2019 05:15
Operator : JC/SP
Sample : K6372-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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

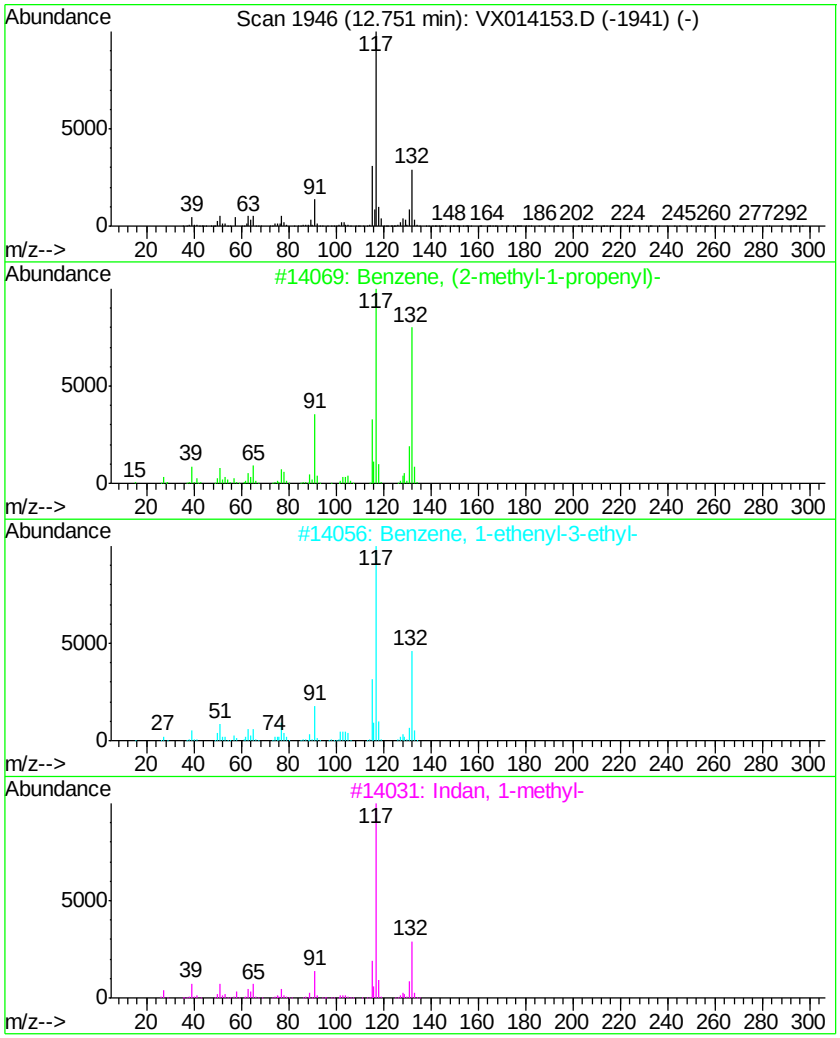
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

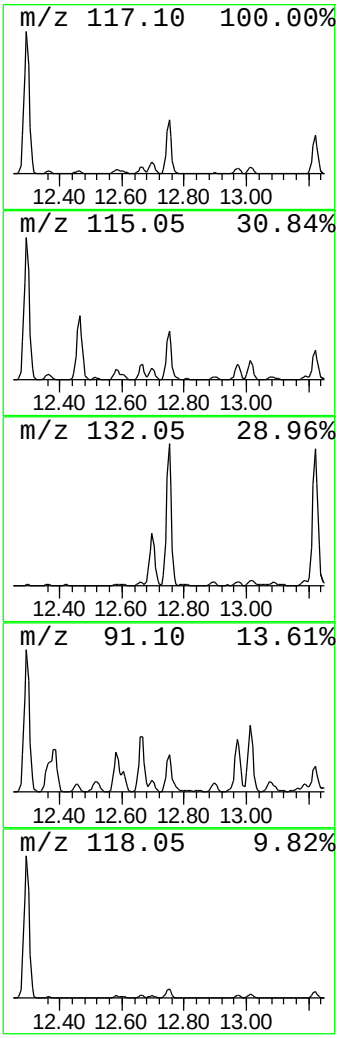
****

Peak Number 6 Benzene, (2-methyl-1-propen... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	76.85 ug/l	3853550	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014153.D
Acq On : 20 Dec 2019 05:15
Operator : JC/SP
Sample : K6372-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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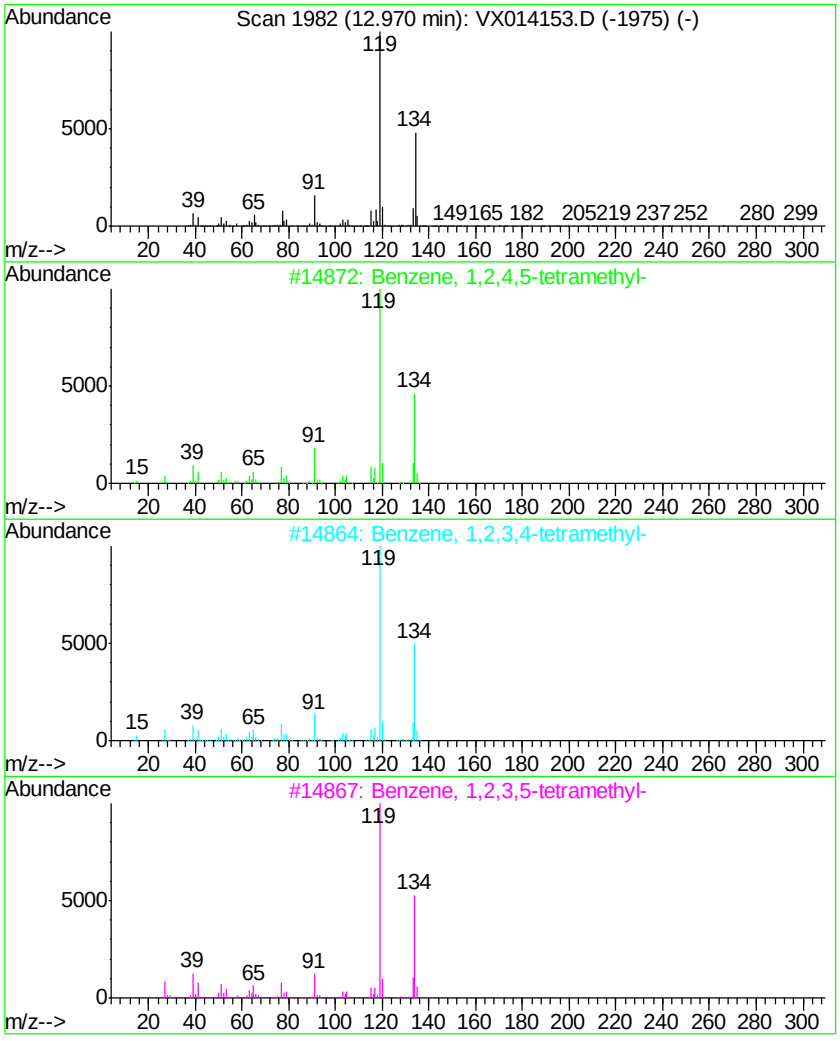
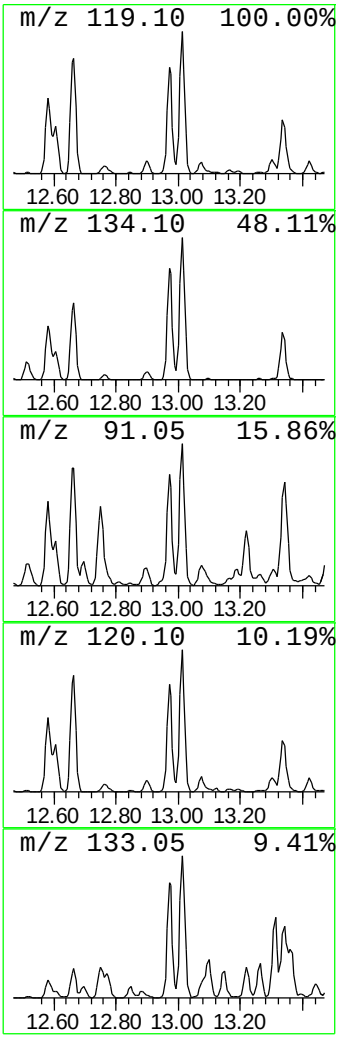
Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	88.56 ug/l	4441060	1,4-Dichlorobenzene-d4	12.07

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	97
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014153.D
Acq On : 20 Dec 2019 05:15
Operator : JC/SP
Sample : K6372-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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

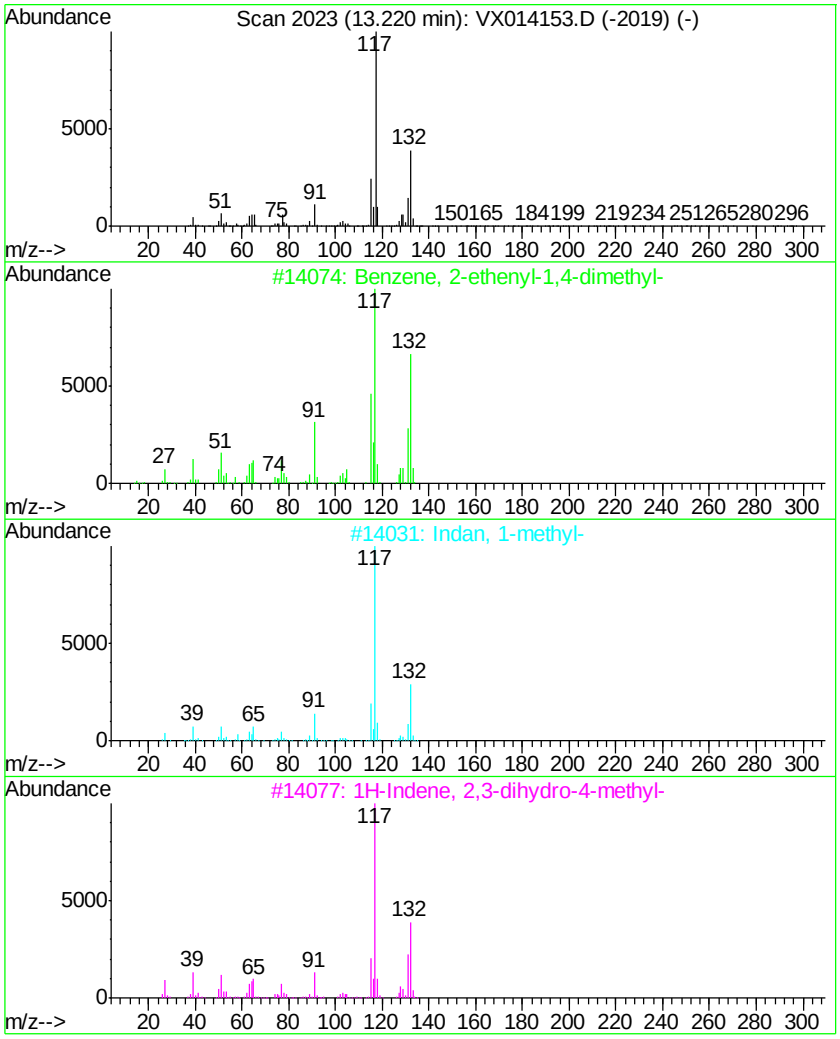
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

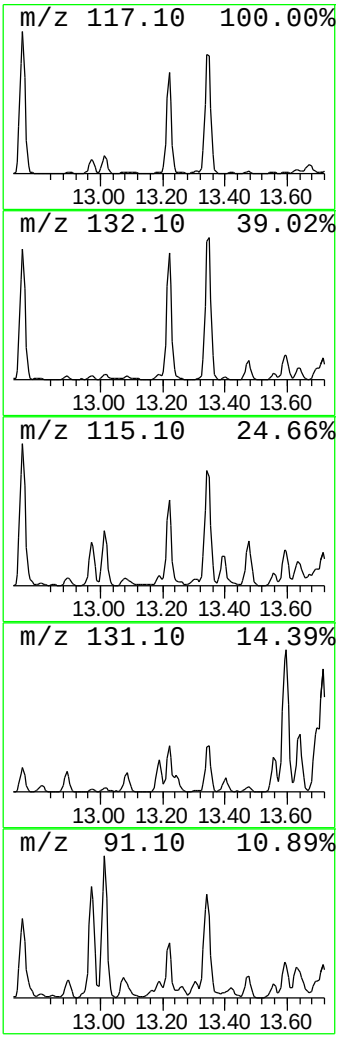
****

Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	51.94 ug/l	2604740	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	Indan, 1-methyl-	132	C10H12	000767-58-8	91
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014153.D
Acq On : 20 Dec 2019 05:15
Operator : JC/SP
Sample : K6372-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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

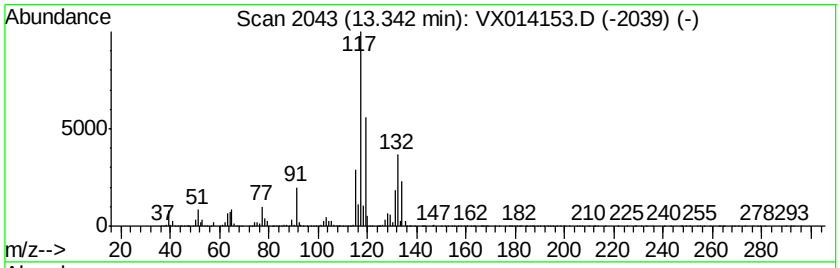
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

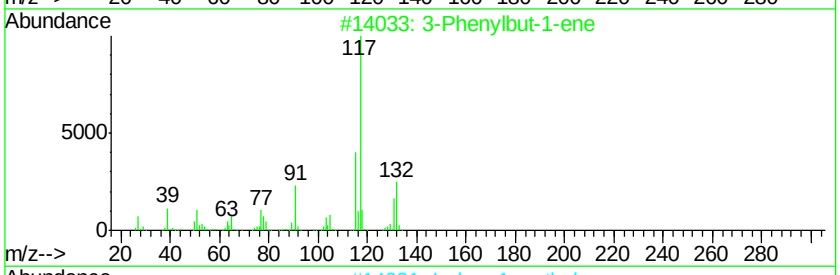
****

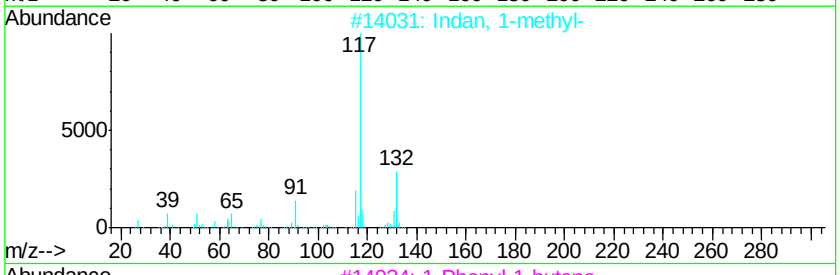
Peak Number 10 3-Phenylbut-1-ene Concentration Rank 3

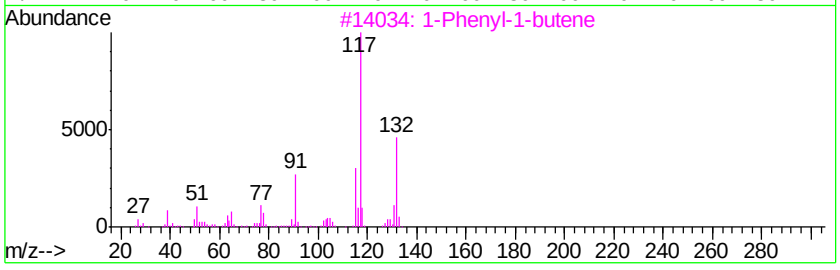
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	105.91 ug/l	5310770	1,4-Dichlorobenzene-d4	12.07

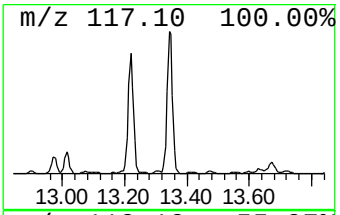
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
2	Indan, 1-methyl-	132	C10H12	000767-58-8	70
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	64
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64

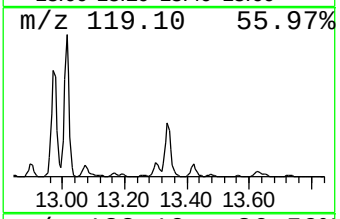


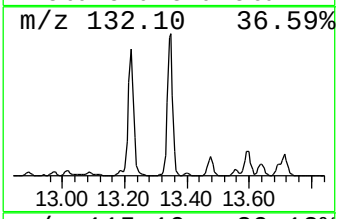


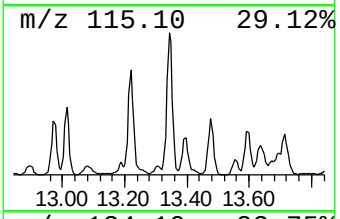


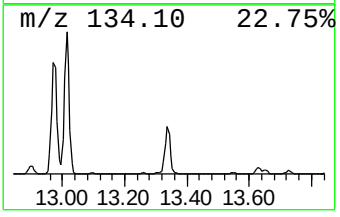












Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014153.D
Acq On : 20 Dec 2019 05:15
Operator : JC/SP
Sample : K6372-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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
Benzene, 1,2,3-tr...	12.14	112.6	ug/l	5647550	4	12.07	2507300	50.0
Benzene, 2-propenyl-	12.29	240.0	ug/l	12037000	4	12.07	2507300	50.0
Benzene, 1-ethyl-...	12.58	64.2	ug/l	3217530	4	12.07	2507300	50.0
Benzene, 1-ethyl-...	12.67	84.8	ug/l	4249860	4	12.07	2507300	50.0
Benzene, (2-methy...	12.75	76.8	ug/l	3853550	4	12.07	2507300	50.0
Benzene, 1,2,4,5-...	12.97	88.6	ug/l	4441060	4	12.07	2507300	50.0
Benzene, 2-etheny...	13.22	51.9	ug/l	2604740	4	12.07	2507300	50.0
3-Phenylbut-1-ene	13.34	105.9	ug/l	5310770	4	12.07	2507300	50.0