LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
Data File : VX013760.D
Acq On : 04 Dec 2019 19:23
Operator : JC/SP
Sample : K6098-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C7-GW

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	40	rBV	2271310	2653380	84.94%	9.988%
2	1.265	59	62	68	rBV	83510	96290	3.08%	0.362%
3	1.600	110	117	120	rVB9	39539	72655	2.33%	0.273%
4	5.490	743	755	768	rBV	358363	1035284	33.14%	3.897%
5	5.655	768	782	797	rVV	652943	1830364	58.60%	6.890%
6	6.051	837	847	863	rBV	391578	1038118	33.23%	3.908%
7	6.849	968	978	991	rBV	977477	2319504	74.26%	8.731%
8	8.709	1277	1283	1293	rBV	2067456	3123645	100.00%	11.758%
9	9.038	1330	1337	1342	rVB5	24064	46664	1.49%	0.176%
10	10.111	1507	1513	1519	rBV	1942705	2646711	84.73%	9.963%
11	10.648	1594	1601	1607	rBV7	13450	32953	1.05%	0.124%
12	10.831	1625	1631	1637	rVB8	19531	38549	1.23%	0.145%
13	11.013	1657	1661	1665	rBV	65118	82500	2.64%	0.311%
14	11.135	1675	1681	1686	rBV	1629468	2093920	67.03%	7.882%
15	11.763	1779	1784	1789	rBV	36701	48839	1.56%	0.184%
16	11.916	1803	1809	1810	rBV2	27922	38658	1.24%	0.146%
17	11.940	1810	1813	1820	rVB	57050	75721	2.42%	0.285%
18	12.074	1829	1835	1841	rBV	2086451	2541904	81.38%	9.568%
19	12.227	1856	1860	1866	rVB	35976	49268	1.58%	0.185%
20	12.300	1866	1872	1877	rBV	145852	184452	5.91%	0.694%
21	12.458	1892	1898	1905	rBV	93682	126098	4.04%	0.475%
22	12.666	1923	1932	1935	rBV2	84122	137532	4.40%	0.518%
23	12.696	1935	1937	1942	rVV3	61369	85382	2.73%	0.321%
24	12.751	1942	1946	1953	rVV	228583	344785	11.04%	1.298%
25	12.812	1953	1956	1961	rVB	29821	39615	1.27%	0.149%
26	12.891	1962	1969	1975	rVB	96292	144822	4.64%	0.545%
27	12.970	1975	1982	1988	rBV2	211647	343263	10.99%	1.292%
28	13.074	1995	1999	2004	rVB2	38229	56459	1.81%	0.213%
29	13.190	2014	2018	2021	rBV2	94109	112900	3.61%	0.425%
30	13.300	2032	2036	2039	rBV2	25505	38005	1.22%	0.143%
31	13.342	2039	2043	2049	rVV2	332785	490531	15.70%	1.846%
32	13.397	2049	2052	2058	rVB6	28636	52403	1.68%	0.197%
33	13.592	2080	2084	2087	rBV3	28244	38102	1.22%	0.143%
34	13.635	2087	2091	2095	rVV3	117648	168934	5.41%	0.636%

LSC Area Percent Report

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Acq On : 04 Dec 2019 19:23
Operator : JC/SP
Sample : K6098-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C7-GW

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	13.671	2095	2097	2099	rVV	53665	67869	2.17%	0.255%
36	13.696	2099	2101	2102	rVV2	70143	72894	2.33%	0.274%
37	13.714	2102	2104	2113	rVB2	115498	190376	6.09%	0.717%
38	13.806	2113	2119	2121	rBV2	26270	35241	1.13%	0.133%
39	13.848	2121	2126	2130	rVB3	55264	78298	2.51%	0.295%
40	13.909	2130	2136	2141	rBV	352029	437383	14.00%	1.646%
41	13.982	2141	2148	2152	rBV2	192010	270328	8.65%	1.018%
42	14.025	2152	2155	2159	rBV2	42382	51367	1.64%	0.193%
43	14.129	2167	2172	2175	rVB3	39423	51580	1.65%	0.194%
44	14.269	2191	2195	2204	rVB3	79324	164161	5.26%	0.618%
45	14.373	2204	2212	2216	rBV	221020	272085	8.71%	1.024%
46	14.427	2216	2221	2226	rVV3	111449	166460	5.33%	0.627%
47	14.470	2226	2228	2234	rVB6	24056	38410	1.23%	0.145%
48	14.537	2234	2239	2244	rBV2	212114	291002	9.32%	1.095%
49	14.671	2255	2261	2262	rBV2	56894	83389	2.67%	0.314%
50	14.690	2262	2264	2267	rVV	59708	62015	1.99%	0.233%
51	14.726	2267	2270	2274	rVB2	61603	75270	2.41%	0.283%
52	14.787	2277	2280	2285	rBV3	26243	36601	1.17%	0.138%
53	14.848	2285	2290	2293	rBV	89228	136079	4.36%	0.512%
54	14.903	2297	2299	2303	rVB2	77328	86278	2.76%	0.325%
55	14.976	2306	2311	2316	rVB5	28408	42094	1.35%	0.158%
56	15.086	2325	2329	2338	rVB6	24628	59643	1.91%	0.225%
57	15.244	2347	2355	2363	rBV2	86235	144591	4.63%	0.544%
58	15.318	2363	2367	2374	rVV2	67777	109871	3.52%	0.414%
59	15.439	2384	2387	2389	rVV3	30833	44627	1.43%	0.168%
60	15.470	2389	2392	2397	rVV	69547	107969	3.46%	0.406%
61	15.543	2400	2404	2408	rVV3	67199	114024	3.65%	0.429%
62	15.586	2408	2411	2416	rVV6	30620	50040	1.60%	0.188%
63	15.683	2417	2427	2431	rVV4	79178	175699	5.62%	0.661%
64	15.726	2431	2434	2441	rVB7	17438	36076	1.15%	0.136%
65	15.805	2441	2447	2453	rBV3	37661	80331	2.57%	0.302%
66	15.884	2453	2460	2462	rVV	86045	148331	4.75%	0.558%
67	15.915	2462	2465	2472	rVB	132892	223646	7.16%	0.842%
68	16.067	2484	2490	2501	rVB	141889	253926	8.13%	0.956%
69	16.409	2542	2546	2553	rVB	43515	80558	2.58%	0.303%

Sum of corrected areas: 26566722

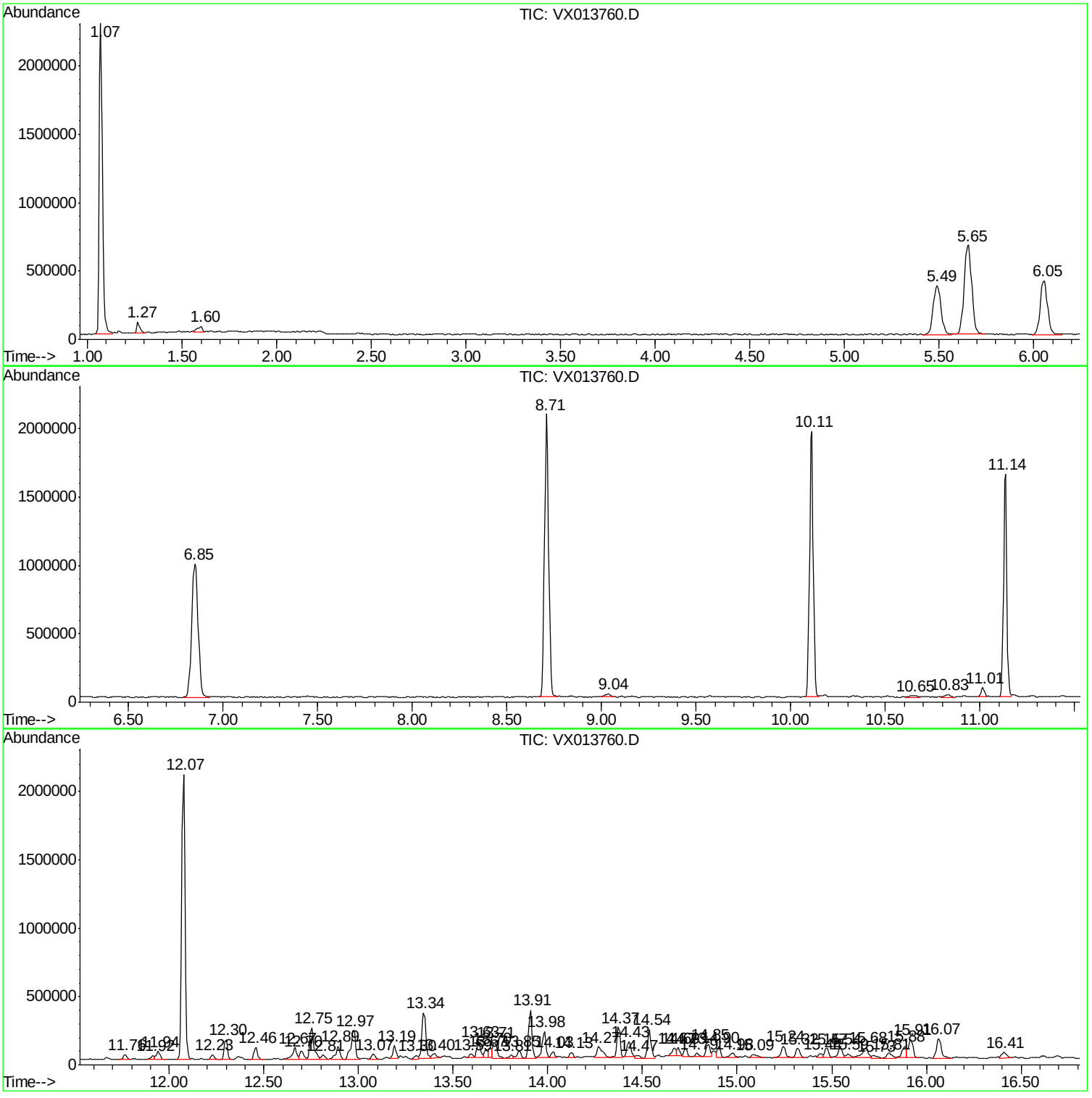
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
Data File : VX013760.D
Acq On : 04 Dec 2019 19:23
Operator : JC/SP
Sample : K6098-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C7-GW

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013760.D
Acq On : 04 Dec 2019 19:23
Operator : JC/SP
Sample : K6098-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C7-GW

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

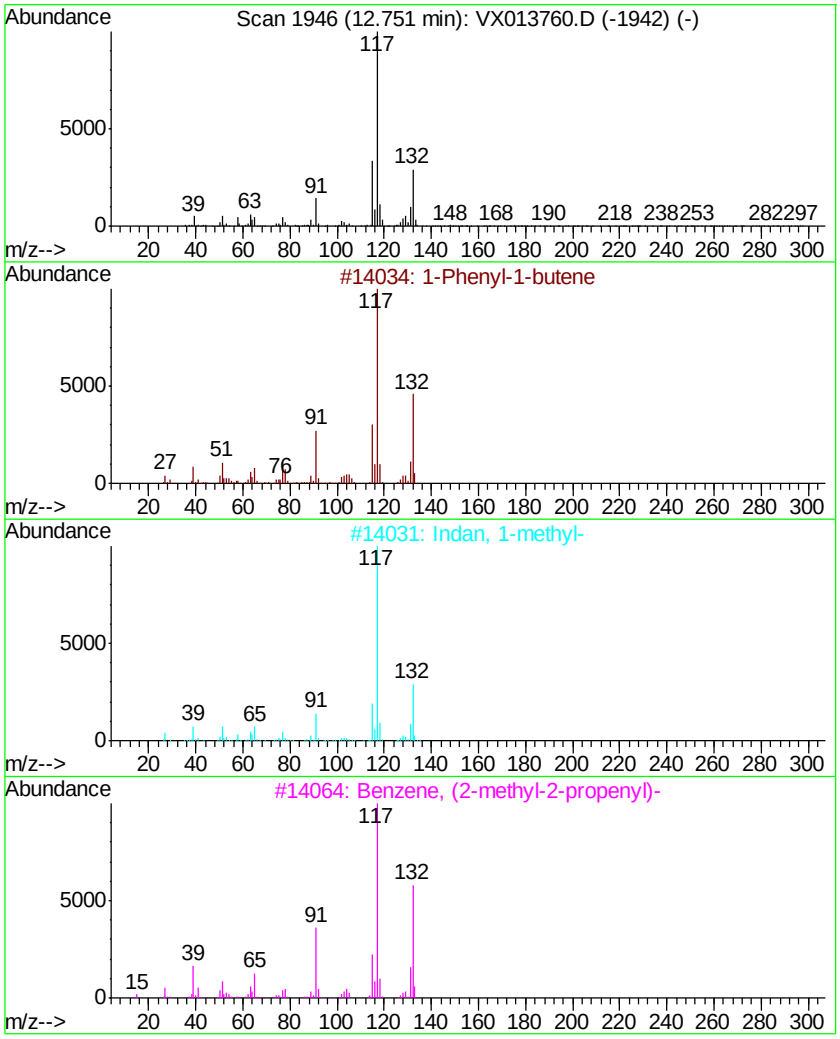
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

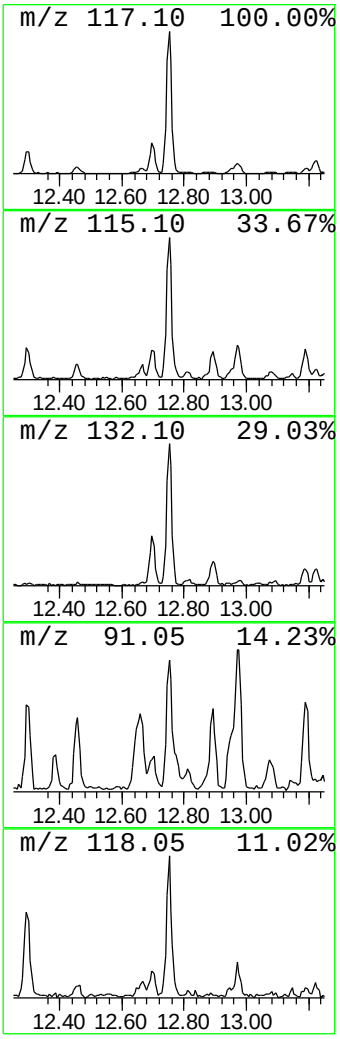
****

Peak Number 2 1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	6.78 ug/l	344785	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013760.D
Acq On : 04 Dec 2019 19:23
Operator : JC/SP
Sample : K6098-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C7-GW

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

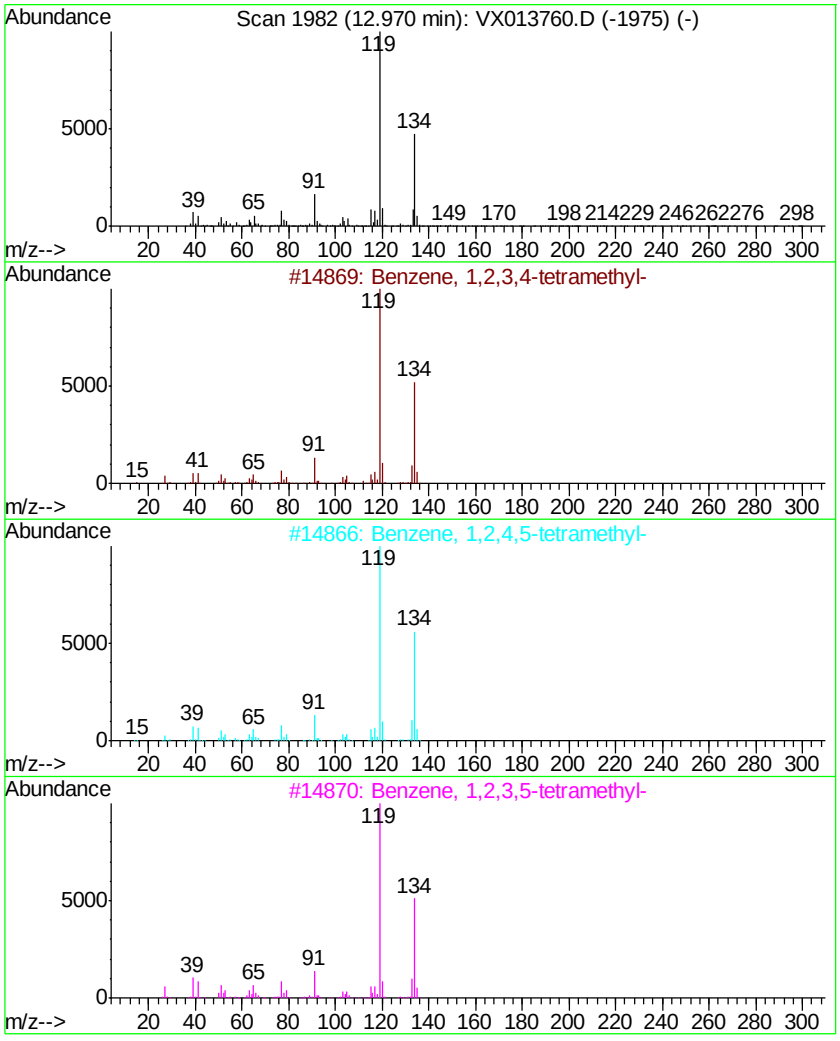
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

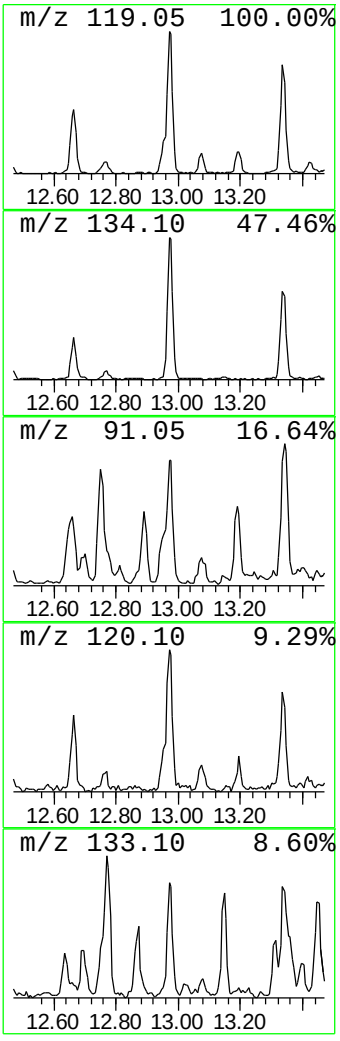
****

Peak Number 3 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	6.75 ug/l	343263	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013760.D
Acq On : 04 Dec 2019 19:23
Operator : JC/SP
Sample : K6098-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C7-GW

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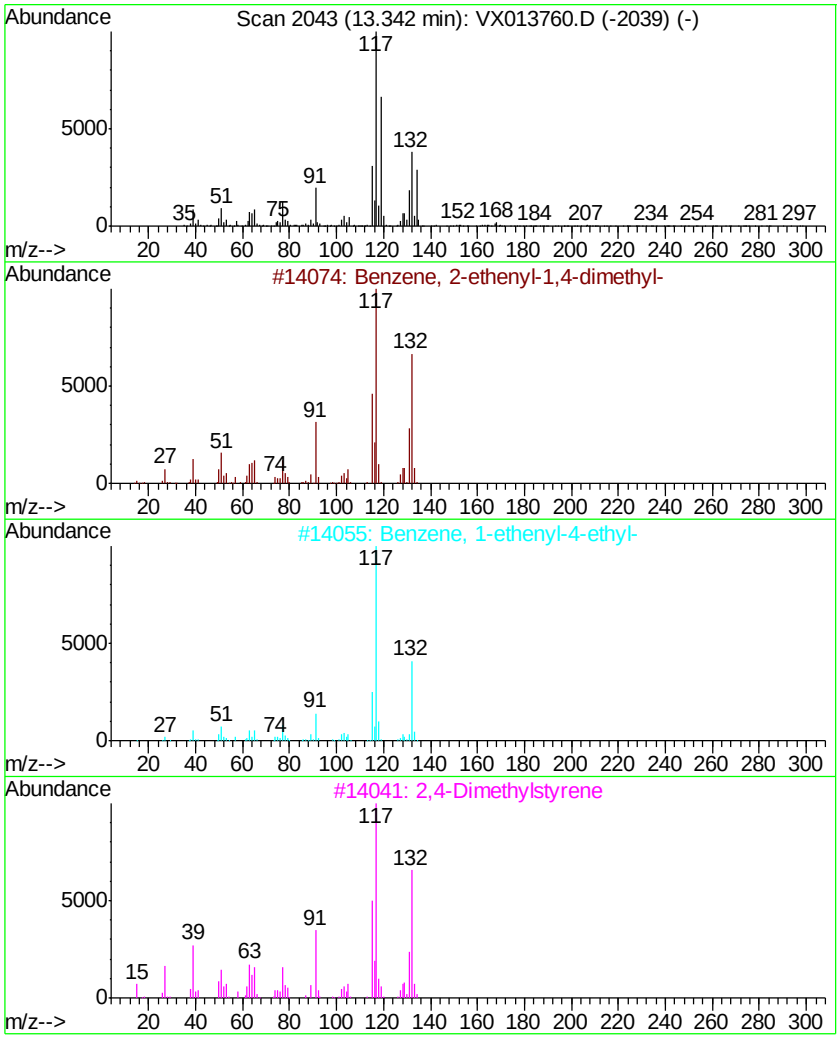
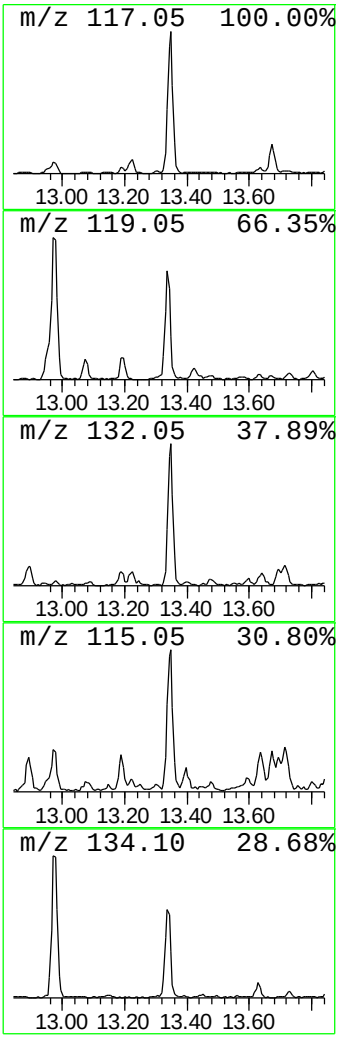
Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	9.65 ug/l	490531	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	95
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013760.D
Acq On : 04 Dec 2019 19:23
Operator : JC/SP
Sample : K6098-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C7-GW

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

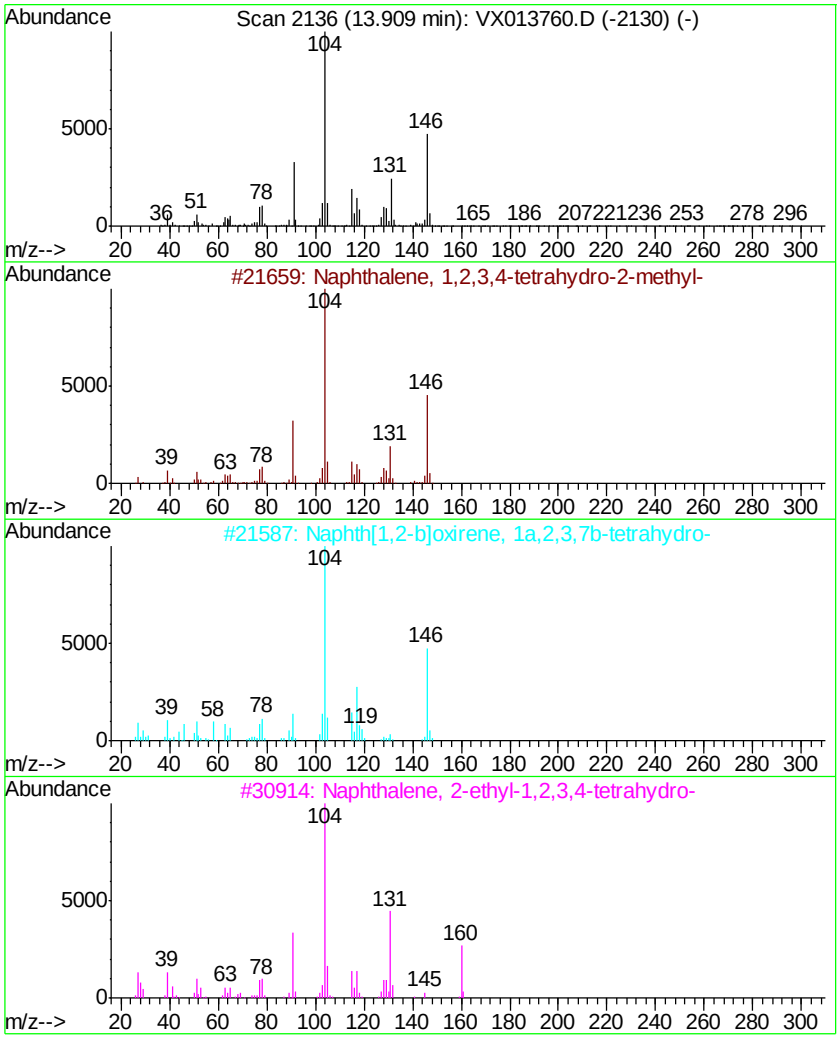
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

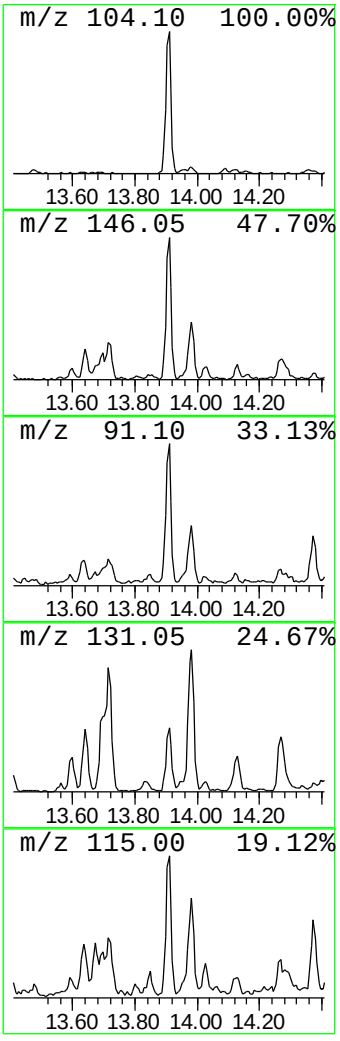
****

Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	8.60 ug/l	437383	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
3	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	53
4	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	46
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013760.D
Acq On : 04 Dec 2019 19:23
Operator : JC/SP
Sample : K6098-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C7-GW

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

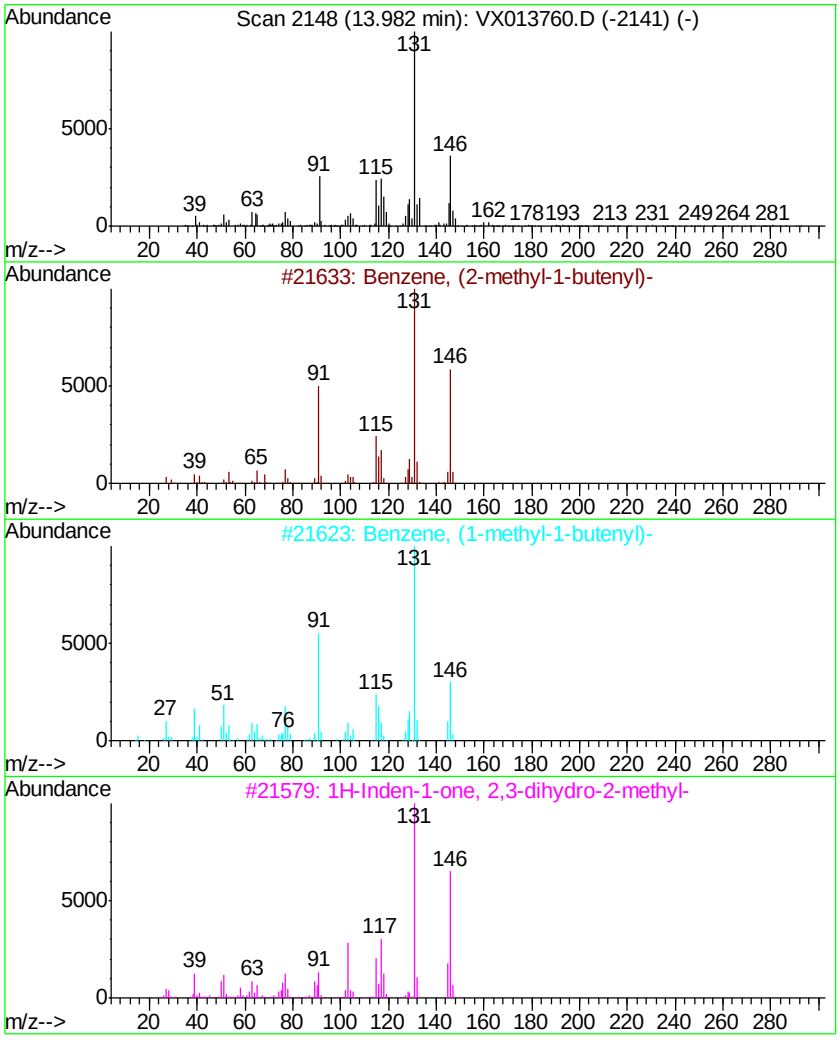
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

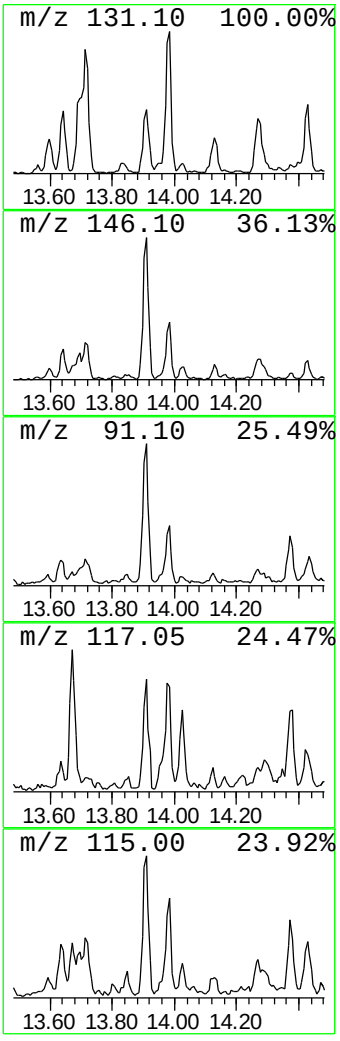
****

Peak Number 6 Benzene, (2-methyl-1-butenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	5.32 ug/l	270328	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	89
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	83
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013760.D
Acq On : 04 Dec 2019 19:23
Operator : JC/SP
Sample : K6098-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C7-GW

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

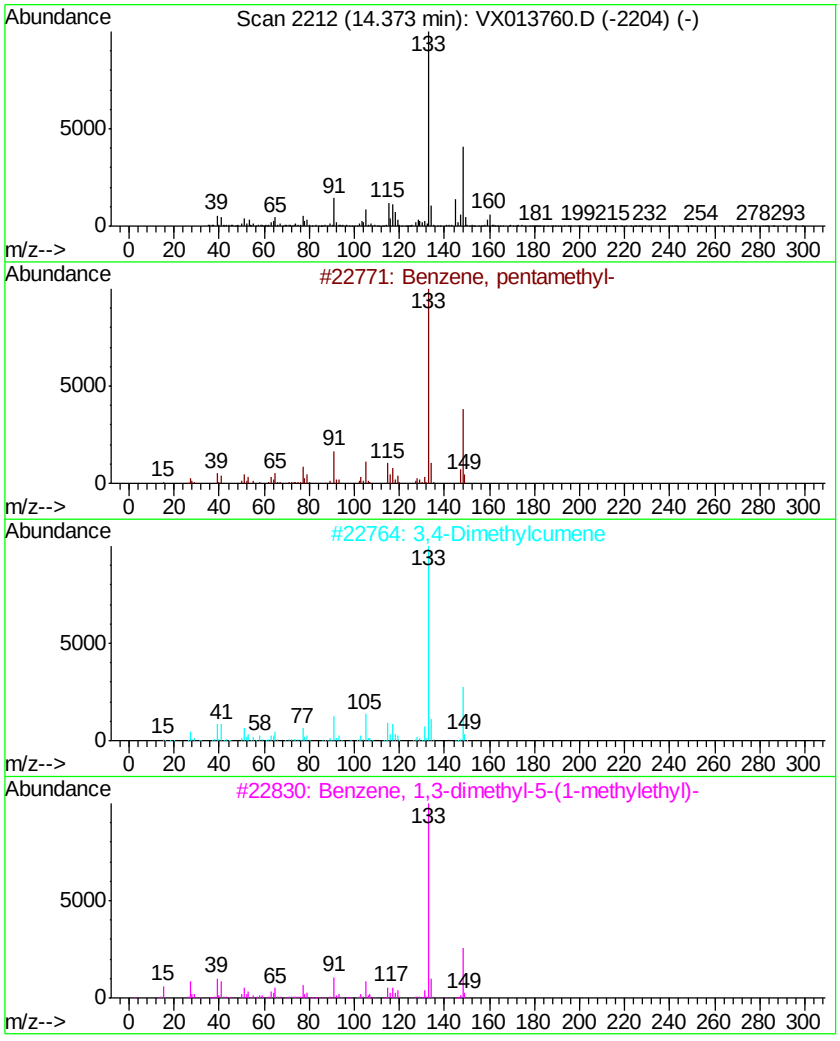
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

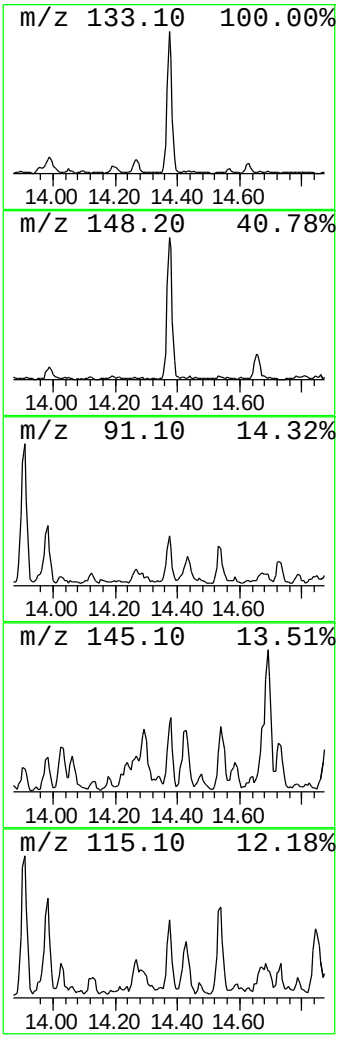
****

Peak Number 7 Benzene, pentamethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	5.35 ug/l	272085	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	93
2	3,4-Dimethylcumene	148	C11H16	1000370-34-1	83
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	81
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	80
5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013760.D
Acq On : 04 Dec 2019 19:23
Operator : JC/SP
Sample : K6098-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C7-GW

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

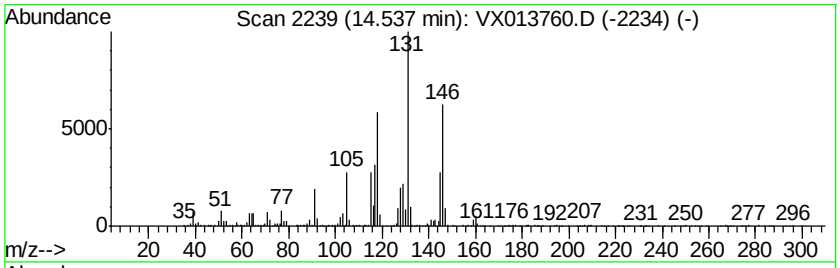
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

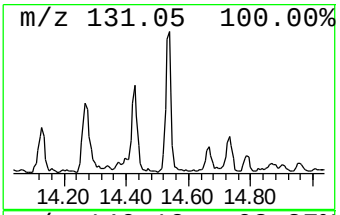
****

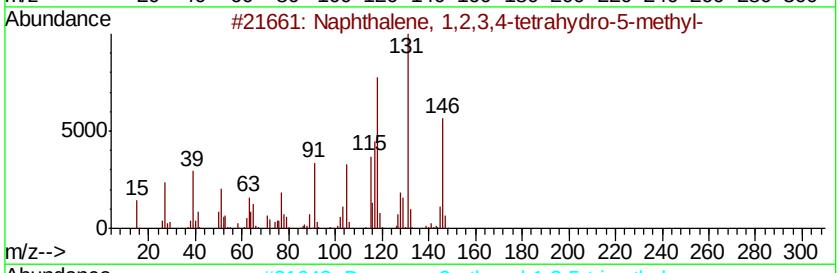
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

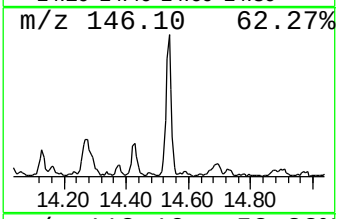
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	5.72 ug/l	291002	1,4-Dichlorobenzene-d4	12.07

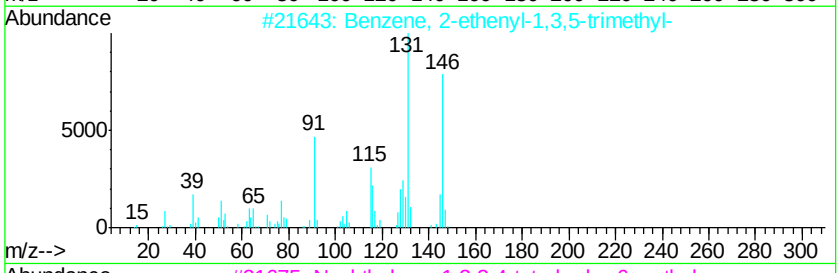
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	89
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	64
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	64

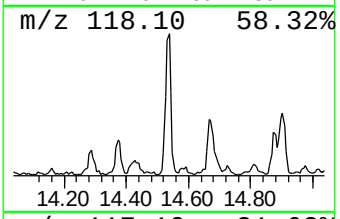


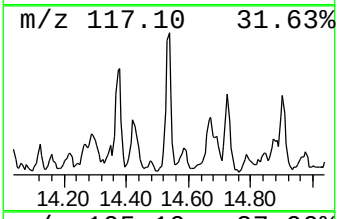


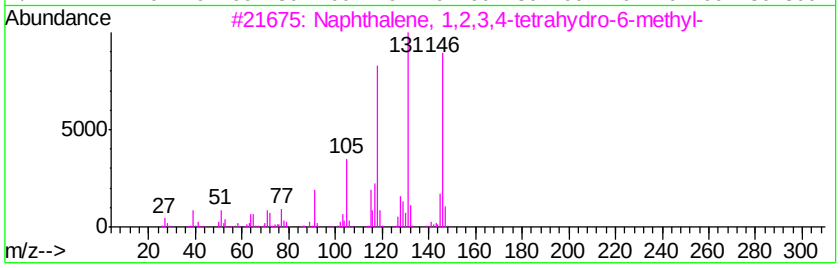


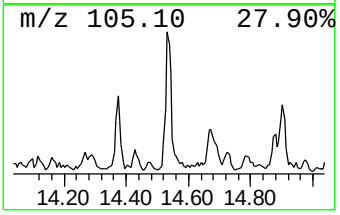












Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013760.D
Acq On : 04 Dec 2019 19:23
Operator : JC/SP
Sample : K6098-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C7-GW

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
1-Phenyl-1-butene	12.75	6.8	ug/l	344785	4	12.07	2541900	50.0
Benzene, 1,2,3,4-...	12.97	6.8	ug/l	343263	4	12.07	2541900	50.0
Benzene, 2-etheny...	13.34	9.7	ug/l	490531	4	12.07	2541900	50.0
Naphthalene, 1,2,...	13.91	8.6	ug/l	437383	4	12.07	2541900	50.0
Benzene, (2-methy...	13.98	5.3	ug/l	270328	4	12.07	2541900	50.0
Benzene, pentamet...	14.37	5.3	ug/l	272085	4	12.07	2541900	50.0
Naphthalene, 1,2,...	14.54	5.7	ug/l	291002	4	12.07	2541900	50.0