LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
Data File : VX014833.D
Acq On : 05 Feb 2020 19:23
Operator : JC/SP
Sample : L1329-16
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40230

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\82X012220W.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	1114493	1325344	3.19%	0.591%
2	1.485	94	98	106	rVB	396345	455300	1.10%	0.203%
3	2.143	192	206	210	rBV	16199011	41530234	100.00%	18.523%
4	2.430	247	253	271	rVB	993205	1637403	3.94%	0.730%
5	5.490	744	755	764	rBV	232155	664925	1.60%	0.297%
6	5.655	772	782	796	rVB	414380	1139903	2.74%	0.508%
7	6.051	838	847	854	rBV	255940	666771	1.61%	0.297%
8	6.136	854	861	870	rVB	368643	937542	2.26%	0.418%
9	6.850	968	978	992	rBV	640018	1485319	3.58%	0.662%
10	7.282	1043	1049	1061	rBV	199257	417809	1.01%	0.186%
11	8.709	1277	1283	1289	rBV	1361247	2056551	4.95%	0.917%
12	8.776	1289	1294	1302	rVB	5961158	9267847	22.32%	4.134%
13	10.105	1507	1512	1521	rBV	1317998	1800247	4.33%	0.803%
14	10.245	1530	1535	1542	rBV	2906673	3696981	8.90%	1.649%
15	10.355	1544	1553	1559	rBV	13010727	16927630	40.76%	7.550%
16	10.696	1603	1609	1623	rVB	9136609	11614979	27.97%	5.180%
17	11.013	1653	1661	1666	rBV	457299	609030	1.47%	0.272%
18	11.129	1674	1680	1692	rVB	1148326	1532511	3.69%	0.684%
19	11.355	1709	1717	1723	rBV	1112090	1365460	3.29%	0.609%
20	11.428	1724	1729	1737	rVV	6480358	10590562	25.50%	4.723%
21	11.501	1737	1741	1752	rVB	2960155	3614630	8.70%	1.612%
22	11.660	1762	1767	1775	rVB	3277003	4145484	9.98%	1.849%
23	11.800	1785	1790	1796	rVB	12610734	15372012	37.01%	6.856%
24	12.019	1820	1826	1829	rVV	503611	574176	1.38%	0.256%
25	12.074	1829	1835	1840	rVB2	1487176	2074472	5.00%	0.925%
26	12.135	1840	1845	1851	rBV	5079862	6198204	14.92%	2.764%
27	12.294	1863	1871	1879	rBV2	5493347	8359686	20.13%	3.728%
28	12.367	1879	1883	1890	rVB3	1941402	2829212	6.81%	1.262%
29	12.458	1892	1898	1903	rBV3	274090	475690	1.15%	0.212%
30	12.513	1903	1907	1913	rVB	742096	879565	2.12%	0.392%
31	12.580	1913	1918	1920	rBV	1368833	1699794	4.09%	0.758%
32	12.605	1920	1922	1927	rVB	1236592	1273073	3.07%	0.568%
33	12.660	1927	1931	1935	rBV	1809921	2286256	5.51%	1.020%
34	12.696	1935	1937	1941	rVB	693096	707591	1.70%	0.316%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
Data File : VX014833.D
Acq On : 05 Feb 2020 19:23
Operator : JC/SP
Sample : L1329-16
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40230

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\82X012220W.M
Title : SW846 8260

35	12.751	1941	1946	1954	rBV2	1954905	3013855	7.26%	1.344%
36	12.897	1965	1970	1974	rVB2	748743	947734	2.28%	0.423%
37	12.970	1974	1982	1986	rBV	1250623	1592024	3.83%	0.710%
38	13.013	1986	1989	1995	rVB	2043664	2370518	5.71%	1.057%
39	13.220	2015	2023	2027	rBV	2600660	3404639	8.20%	1.518%
40	13.306	2033	2037	2039	rBV3	337892	522183	1.26%	0.233%
41	13.342	2039	2043	2048	rVV2	5666673	7329817	17.65%	3.269%
42	13.391	2048	2051	2054	rVV3	444051	638141	1.54%	0.285%
43	13.476	2060	2065	2073	rVB	4148478	5202091	12.53%	2.320%
44	13.556	2073	2078	2081	rBV2	397618	527658	1.27%	0.235%
45	13.592	2081	2084	2088	rVV	739616	1061318	2.56%	0.473%
46	13.635	2088	2091	2096	rVV3	852464	1478029	3.56%	0.659%
47	13.690	2097	2100	2102	rVV	400932	606336	1.46%	0.270%
48	13.714	2102	2104	2110	rVB2	841526	1100427	2.65%	0.491%
49	13.830	2117	2123	2129	rBV	3519267	4426038	10.66%	1.974%
50	13.903	2129	2135	2140	rVB	1027916	1454622	3.50%	0.649%
51	13.976	2140	2147	2151	rBV2	1220011	1681207	4.05%	0.750%
52	14.025	2151	2155	2158	rVB	386969	443048	1.07%	0.198%
53	14.129	2168	2172	2176	rBV	934045	1138935	2.74%	0.508%
54	14.281	2191	2197	2201	rBV	3023382	4565176	10.99%	2.036%
55	14.373	2208	2212	2217	rBV	365554	459869	1.11%	0.205%
56	14.428	2217	2221	2225	rVB	1025471	1239608	2.98%	0.553%
57	14.531	2233	2238	2244	rBV2	2038281	2730365	6.57%	1.218%
58	14.690	2256	2264	2268	rBV	4311056	6080544	14.64%	2.712%
59	14.726	2268	2270	2275	rVB	492722	535940	1.29%	0.239%
60	14.836	2281	2288	2291	rBV	2269482	2958864	7.12%	1.320%
61	14.958	2304	2308	2314	rVB2	281278	480130	1.16%	0.214%
62	15.244	2350	2355	2357	rBV	666149	982526	2.37%	0.438%
63	15.440	2382	2387	2390	rBV2	334092	541044	1.30%	0.241%
64	15.543	2398	2404	2409	rBV2	875204	1428006	3.44%	0.637%
65	15.677	2421	2426	2430	rVV	943531	1564987	3.77%	0.698%
66	15.720	2430	2433	2440	rVB	538973	809129	1.95%	0.361%
67	15.909	2456	2464	2478	rVB2	245652	683964	1.65%	0.305%

Sum of corrected areas: 224210965

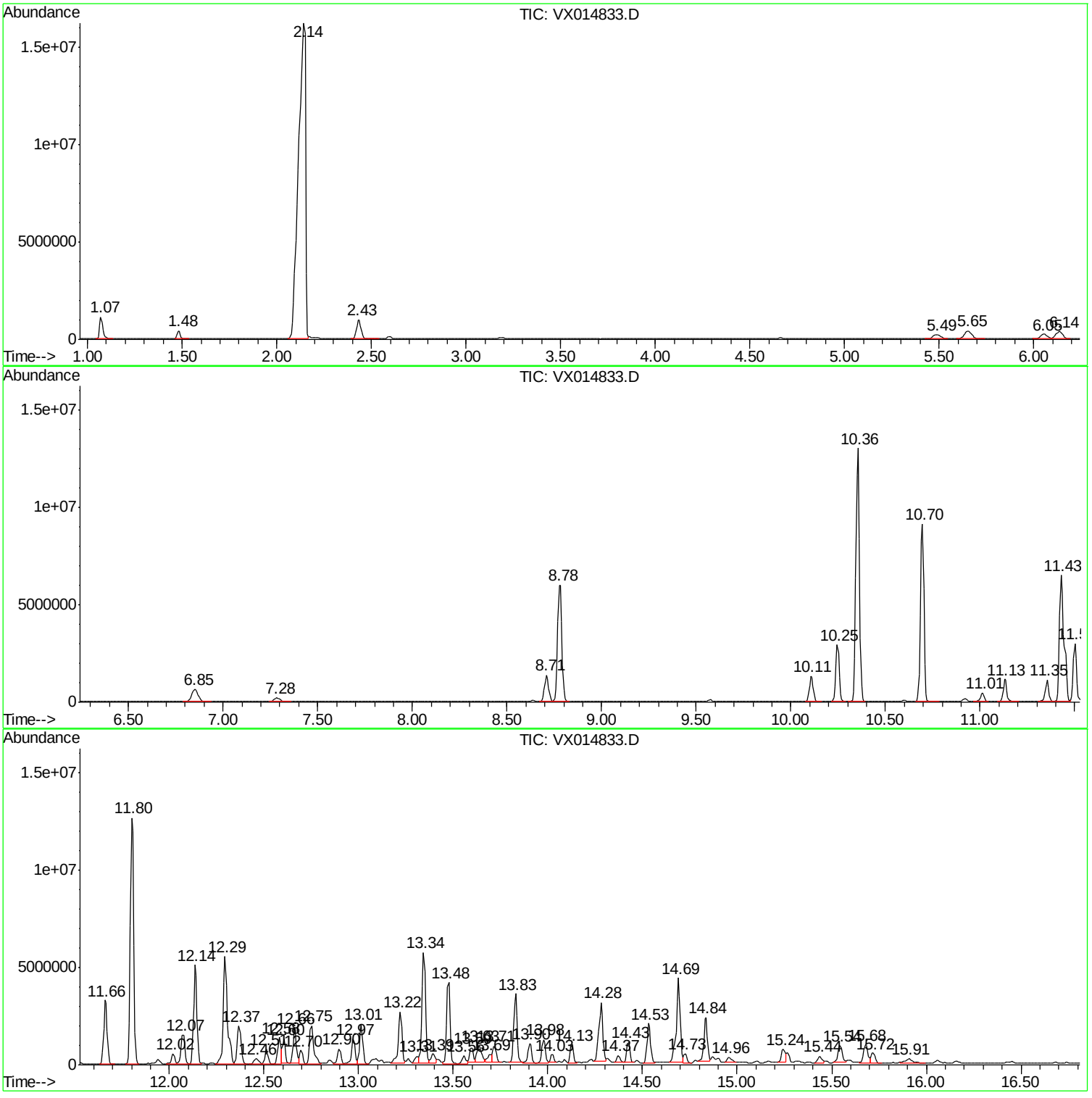
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
Data File : VX014833.D
Acq On : 05 Feb 2020 19:23
Operator : JC/SP
Sample : L1329-16
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40230

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020520\
Data File : VX014833.D
Acq On : 05 Feb 2020 19:23
Operator : JC/SP
Sample : L1329-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40230

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260

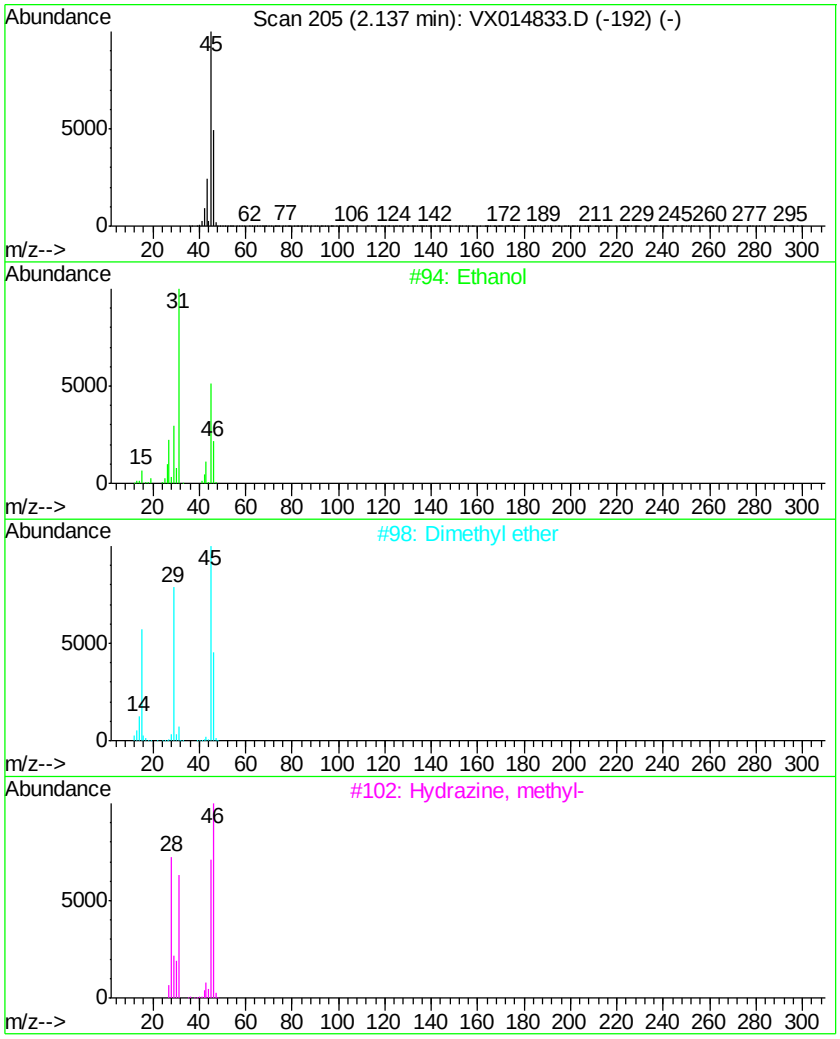
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

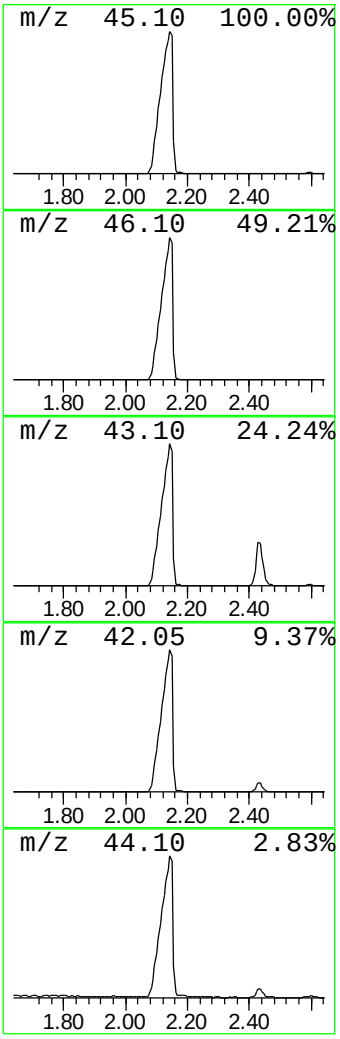
****

Peak Number 1 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	1821.66 ug/l	41530200	Pentafluorobenzene	5.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	90
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Hydrazine, methyl-	46	CH6N2	000060-34-4	9
4	Methane, nitroso-	45	CH3NO	000865-40-7	4
5	Formic acid	46	CH2O2	000064-18-6	4





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020520\
Data File : VX014833.D
Acq On : 05 Feb 2020 19:23
Operator : JC/SP
Sample : L1329-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40230

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260

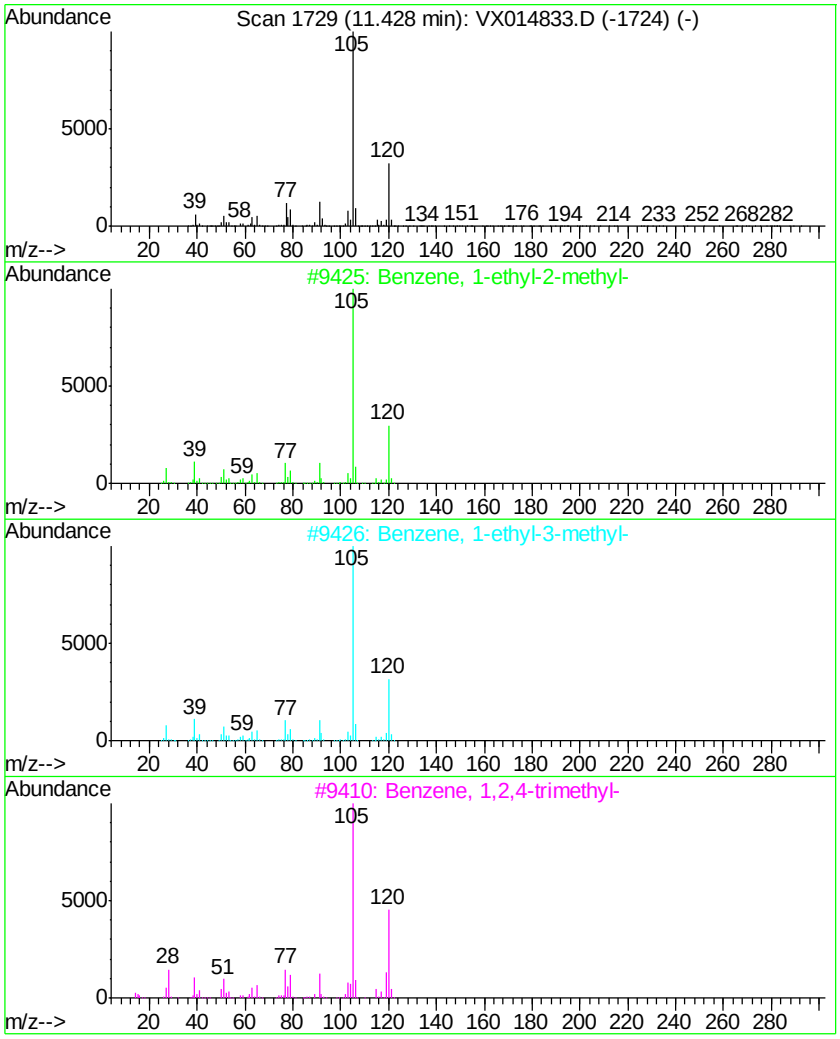
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

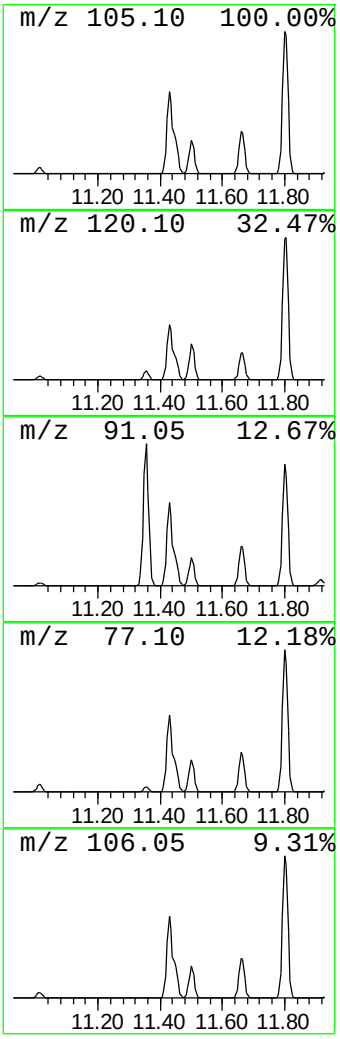
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	255.26 ug/l	10590600	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020520\
Data File : VX014833.D
Acq On : 05 Feb 2020 19:23
Operator : JC/SP
Sample : L1329-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40230

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260

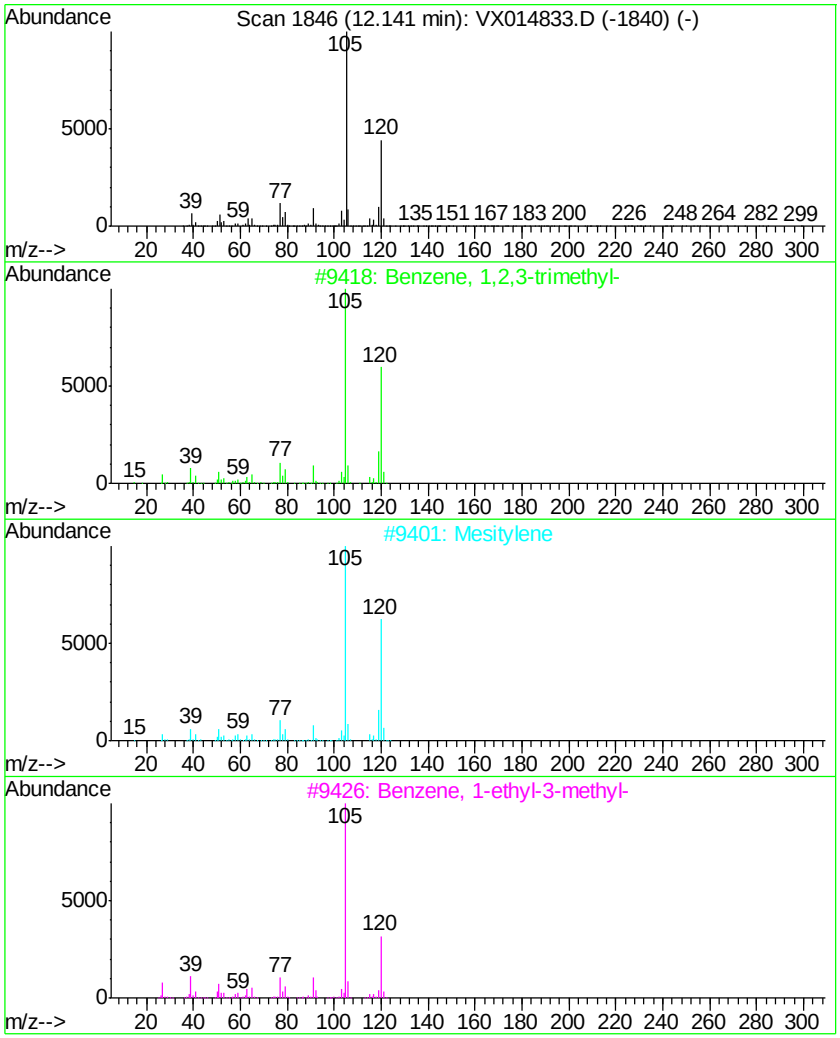
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

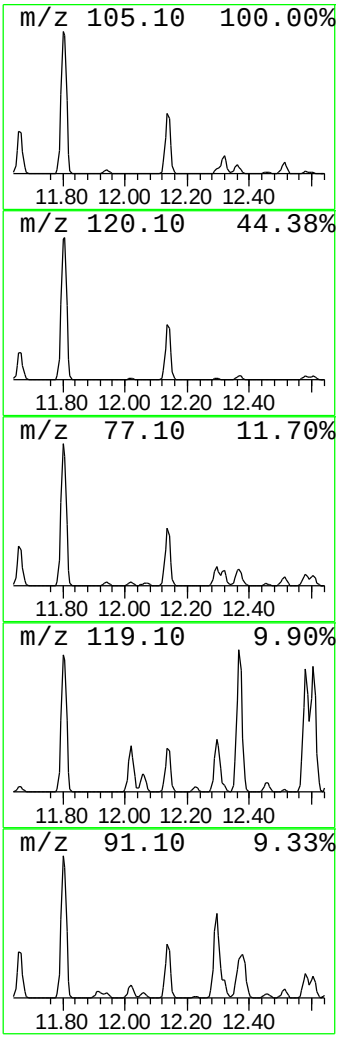
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	149.39 ug/l	6198200	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-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020520\
Data File : VX014833.D
Acq On : 05 Feb 2020 19:23
Operator : JC/SP
Sample : L1329-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40230

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260

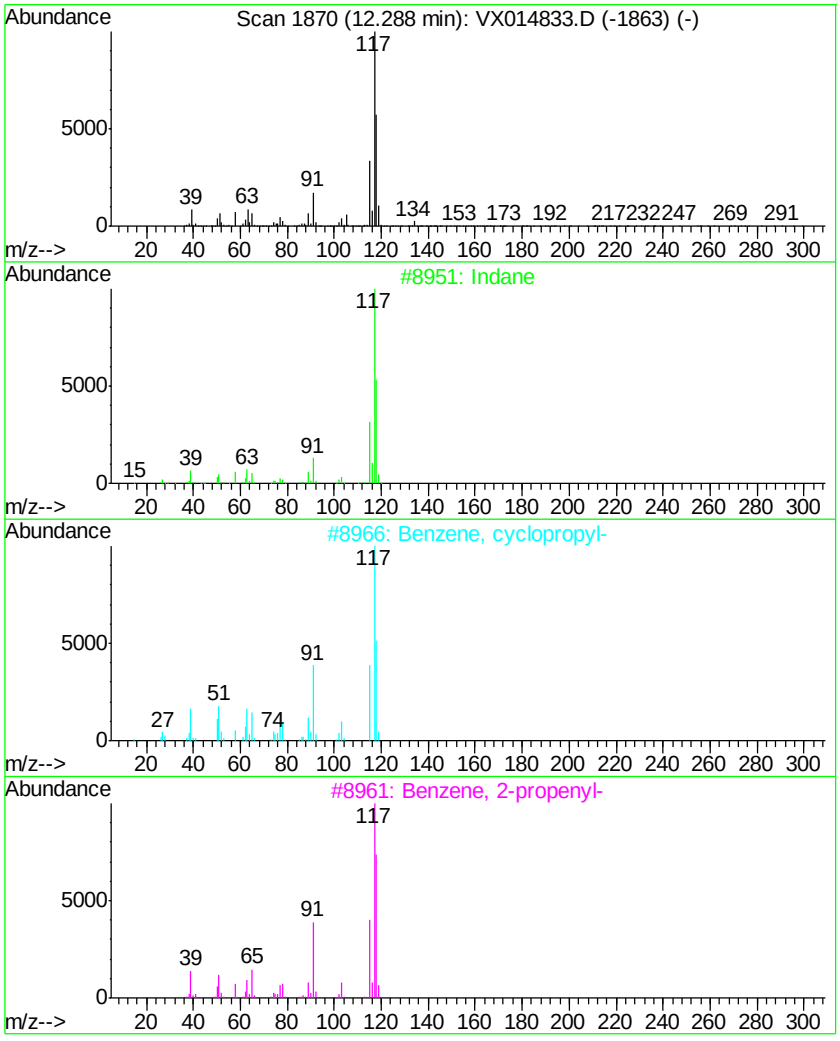
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

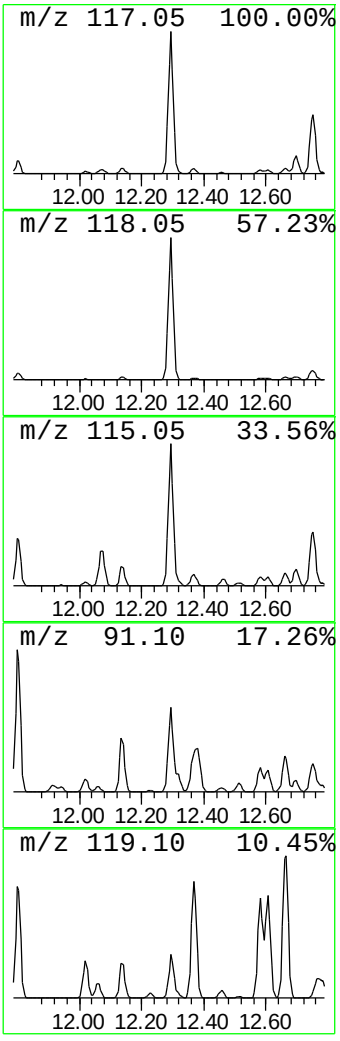
****

Peak Number 5 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	201.49 ug/l	8359690	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
4	Deltacyclene	118	C9H10	007785-10-6	64
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020520\
Data File : VX014833.D
Acq On : 05 Feb 2020 19:23
Operator : JC/SP
Sample : L1329-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40230

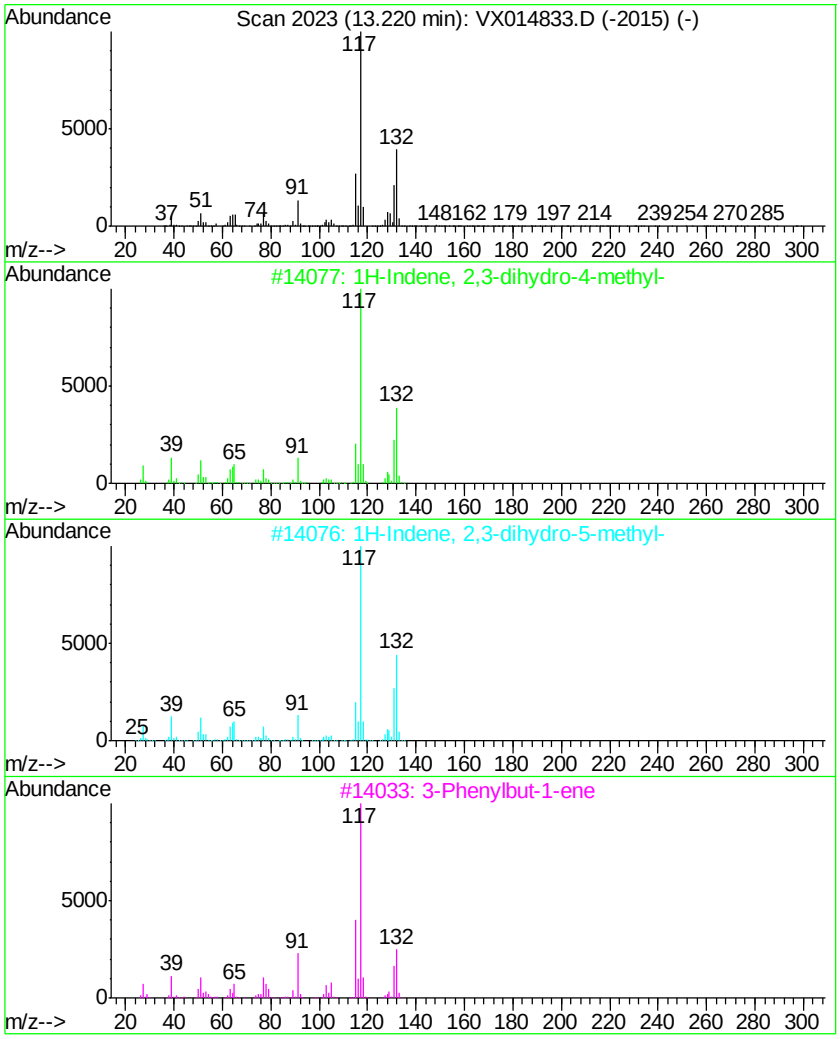
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260

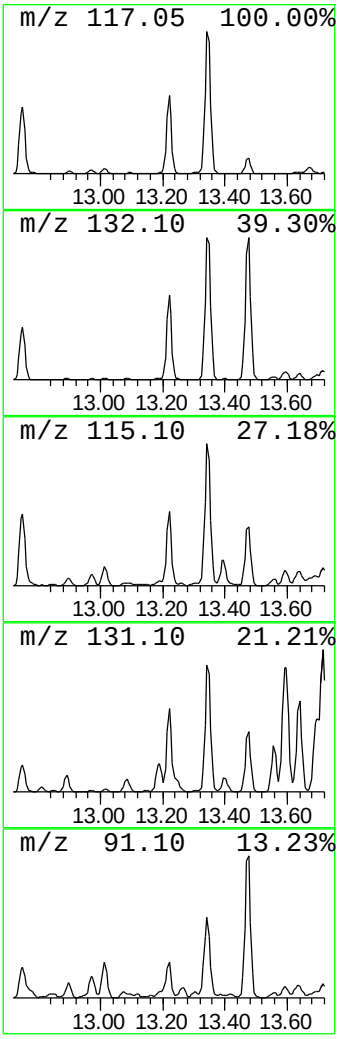
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	82.06 ug/l	3404640	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020520\
Data File : VX014833.D
Acq On : 05 Feb 2020 19:23
Operator : JC/SP
Sample : L1329-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40230

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260

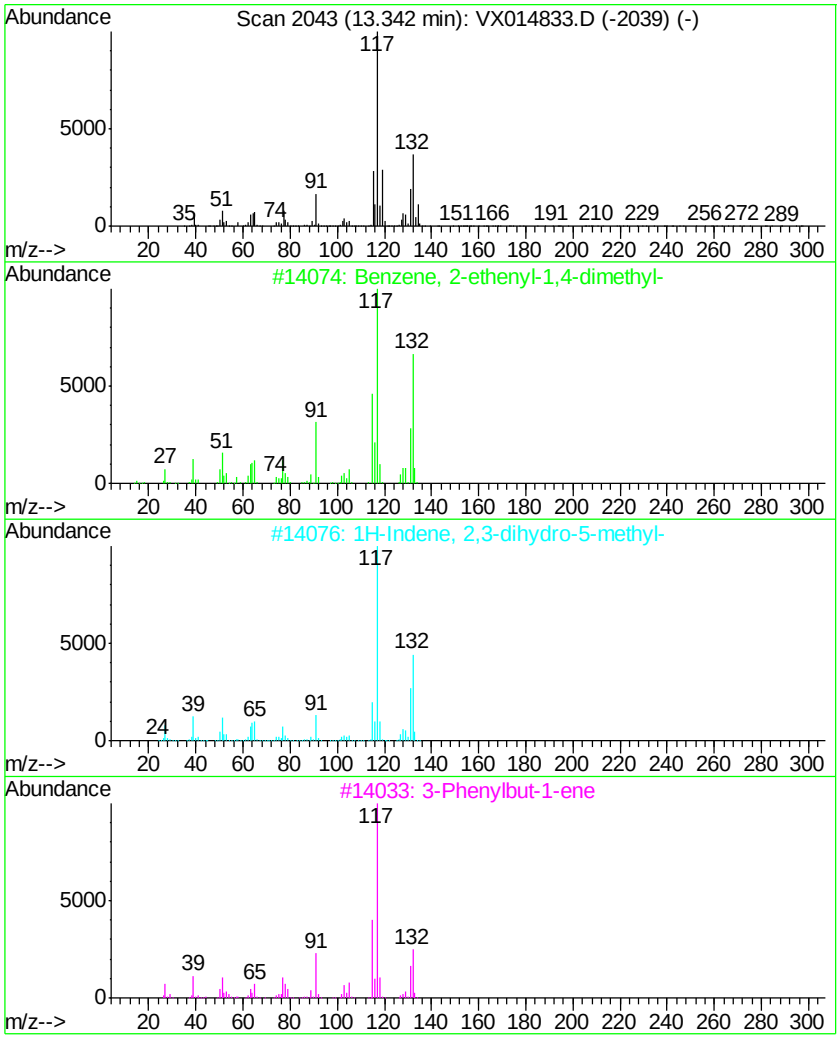
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

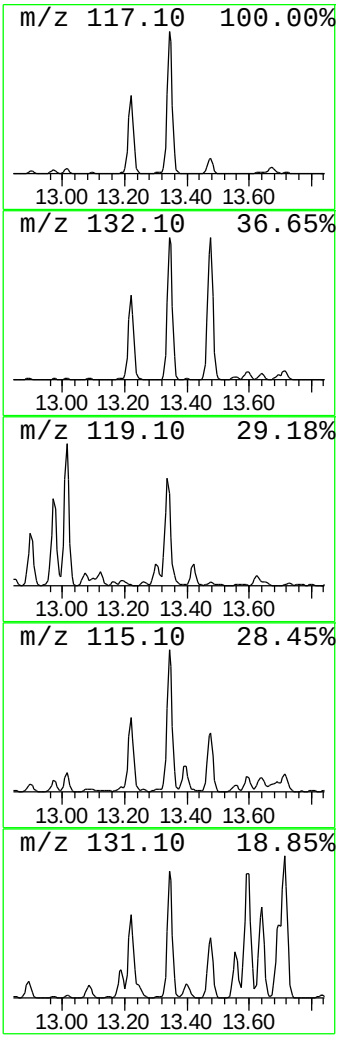
****

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	176.67 ug/l	7329820	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	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-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020520\
Data File : VX014833.D
Acq On : 05 Feb 2020 19:23
Operator : JC/SP
Sample : L1329-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40230

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260

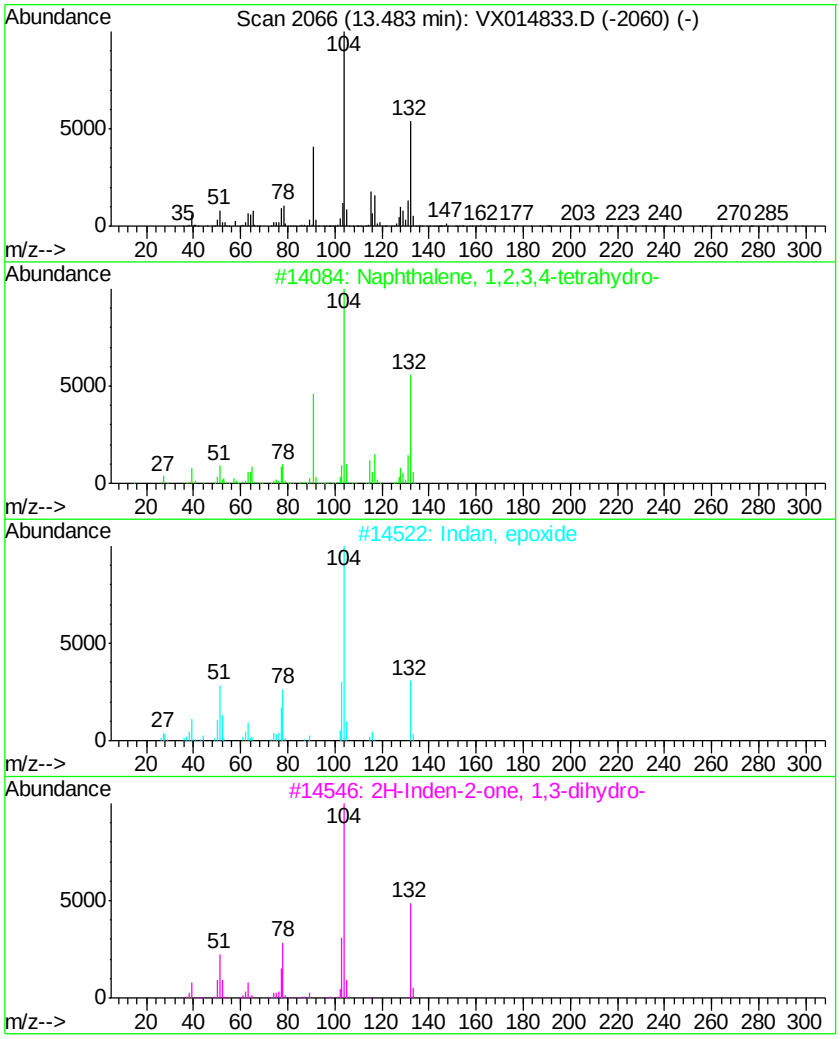
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

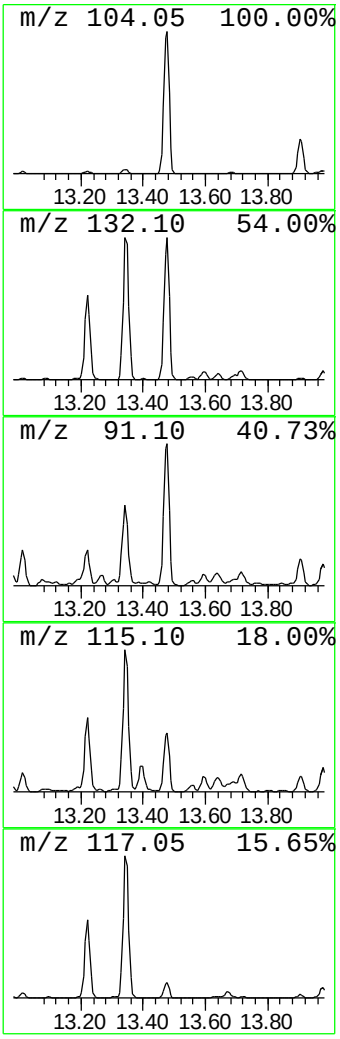
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	125.38 ug/l	5202090	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Indan, epoxide	132	C9H8O	000768-22-9	58
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46
5	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020520\
Data File : VX014833.D
Acq On : 05 Feb 2020 19:23
Operator : JC/SP
Sample : L1329-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40230

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260

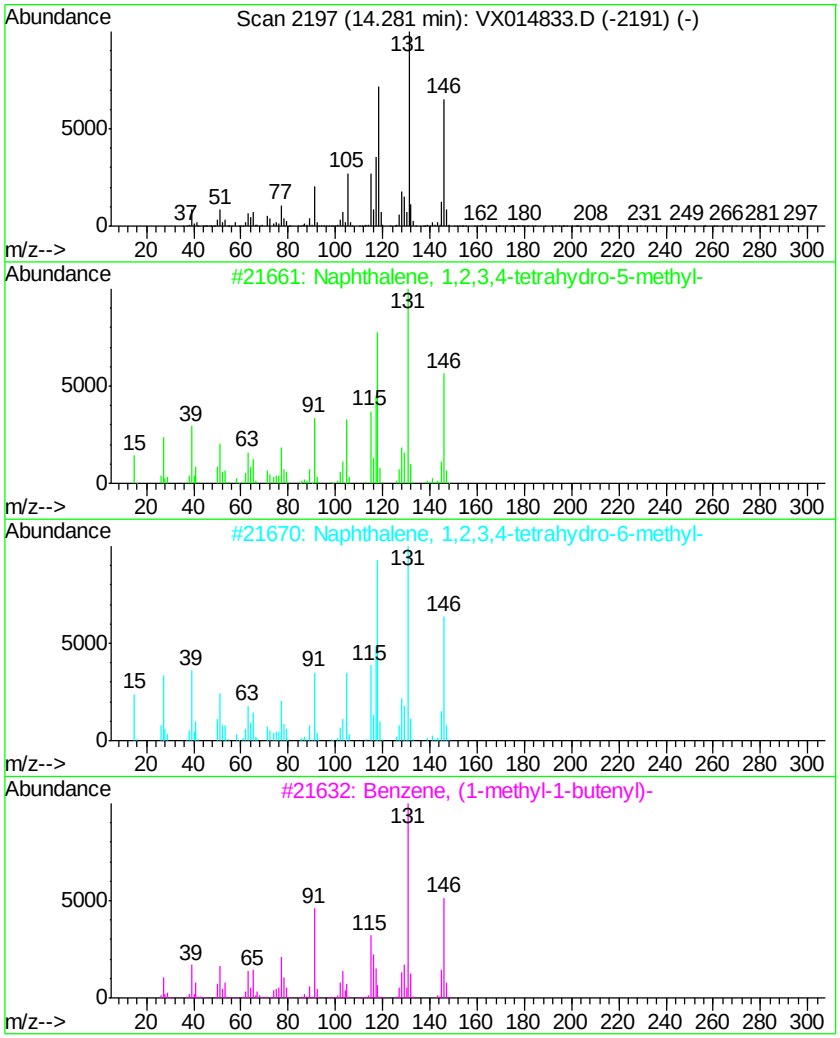
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

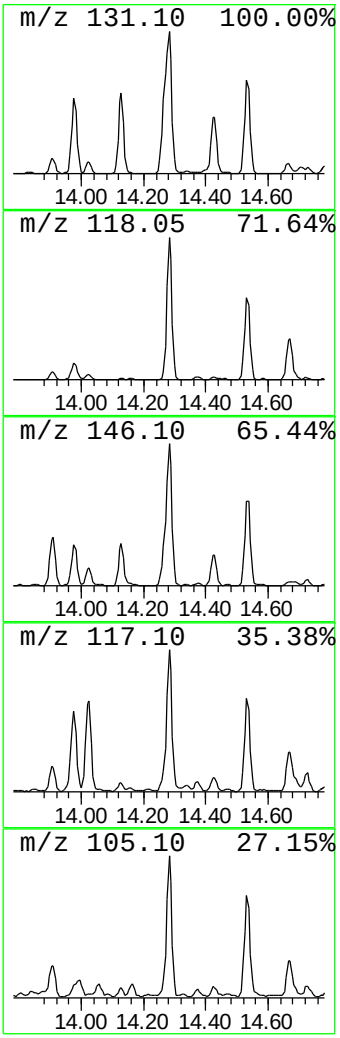
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	110.03 ug/l	4565180	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	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020520\
Data File : VX014833.D
Acq On : 05 Feb 2020 19:23
Operator : JC/SP
Sample : L1329-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40230

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260

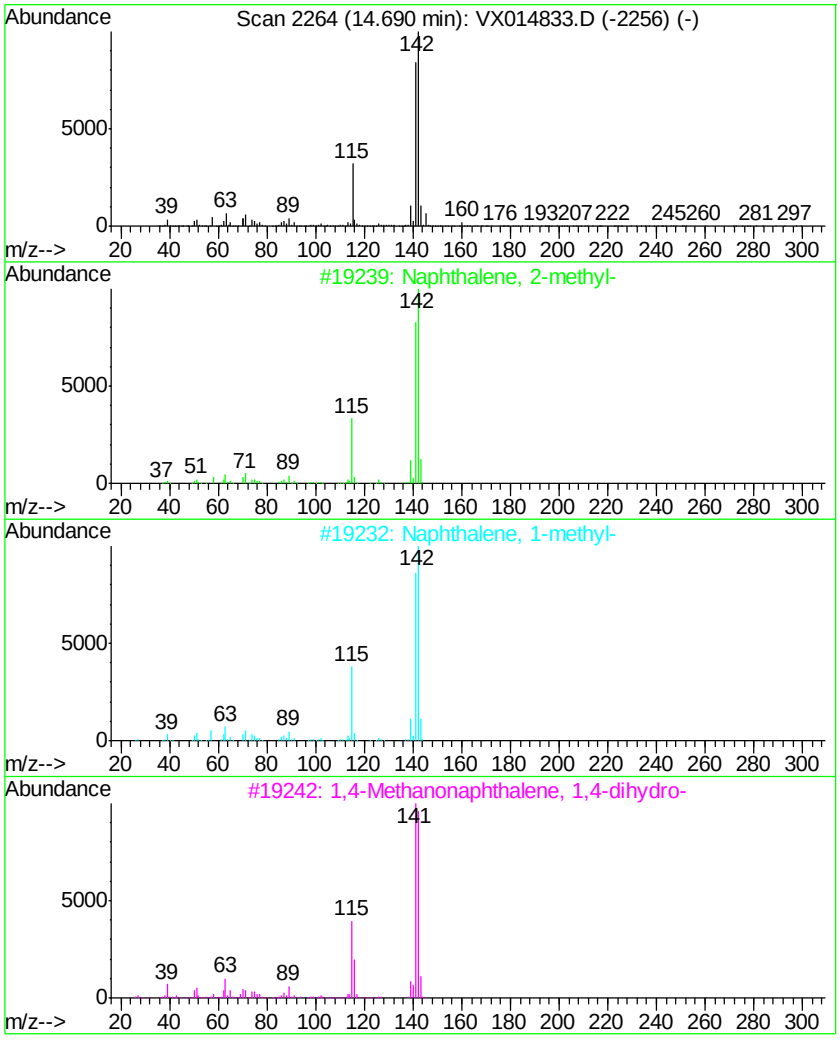
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

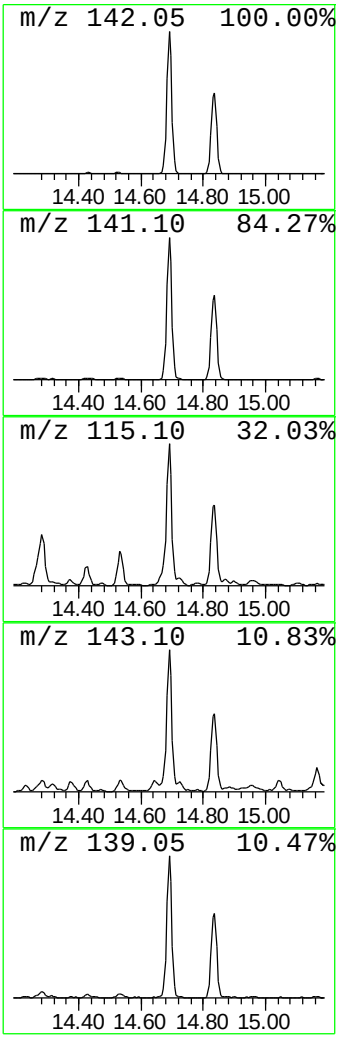
****

Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	146.56 ug/l	6080540	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020520\
Data File : VX014833.D
Acq On : 05 Feb 2020 19:23
Operator : JC/SP
Sample : L1329-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40230

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.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
Ethanol	2.14	1821.7	ug/l	41530200	1	5.65	1139900	50.0
Benzene, 1-ethyl-...	11.43	255.3	ug/l	10590600	4	12.07	2074470	50.0
Benzene, 1,2,3-tr...	12.14	149.4	ug/l	6198200	4	12.07	2074470	50.0
Indane	12.29	201.5	ug/l	8359690	4	12.07	2074470	50.0
1H-Indene, 2,3-di...	13.22	82.1	ug/l	3404640	4	12.07	2074470	50.0
Benzene, 2-etheny...	13.34	176.7	ug/l	7329820	4	12.07	2074470	50.0
Naphthalene, 1,2,...	13.48	125.4	ug/l	5202090	4	12.07	2074470	50.0
Naphthalene, 1,2,...	14.28	110.0	ug/l	4565180	4	12.07	2074470	50.0
Naphthalene, 2-me...	14.69	146.6	ug/l	6080540	4	12.07	2074470	50.0