LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015865.D
Acq On : 23 Apr 2020 01:41
Operator : JC/SP
Sample : L2380-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW029-200421

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\82X042220W.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	1.064	24	29	55	rBV2	18565253	57885173	73.39%	12.064%
2	3.155	364	372	384	rBV3	471630	1231633	1.56%	0.257%
3	5.472	742	752	759	rBV	511343	1461496	1.85%	0.305%
4	5.557	759	766	771	rVV2	339263	1045802	1.33%	0.218%
5	5.636	771	779	784	rVV	895615	2650245	3.36%	0.552%
6	5.703	784	790	806	rVB	700948	2175756	2.76%	0.453%
7	6.039	834	845	853	rBV	541692	1372186	1.74%	0.286%
8	6.240	869	878	883	rBV2	286842	837011	1.06%	0.174%
9	6.325	883	892	903	rVV	1657270	5097114	6.46%	1.062%
10	6.837	966	976	986	rBV	1378202	3804240	4.82%	0.793%
11	7.234	1032	1041	1049	rVB	424259	919266	1.17%	0.192%
12	7.441	1064	1075	1086	rBV4	929117	2648991	3.36%	0.552%
13	8.038	1163	1173	1185	rVB	1312538	2813605	3.57%	0.586%
14	8.160	1185	1193	1202	rBV2	1387176	3271316	4.15%	0.682%
15	8.556	1252	1258	1265	rVB2	586796	1119702	1.42%	0.233%
16	8.697	1276	1281	1289	rVB	3033662	4856881	6.16%	1.012%
17	9.209	1360	1365	1370	rBV	938417	1479532	1.88%	0.308%
18	10.099	1506	1511	1515	rBV	3131488	4043082	5.13%	0.843%
19	11.007	1654	1660	1666	rBV	27853806	37500959	47.55%	7.816%
20	11.123	1674	1679	1684	rBV	2783250	3497893	4.43%	0.729%
21	11.349	1710	1716	1726	rVB	24438829	32877318	41.69%	6.852%
22	11.653	1761	1766	1775	rVB	1869755	2339060	2.97%	0.487%
23	11.757	1777	1783	1786	rBV	1113969	1495919	1.90%	0.312%
24	11.903	1802	1807	1809	rBV	2071391	2564285	3.25%	0.534%
25	11.934	1809	1812	1818	rVB	2479775	3115719	3.95%	0.649%
26	12.062	1828	1833	1838	rBV	3751655	4665765	5.92%	0.972%
27	12.220	1854	1859	1864	rVB	4186188	4933343	6.26%	1.028%
28	12.288	1864	1870	1875	rBV	60027113	78870381	100.00%	16.437%
29	12.355	1875	1881	1889	rVV2	3989311	7563662	9.59%	1.576%
30	12.446	1891	1896	1901	rVB	2705232	3200019	4.06%	0.667%
31	12.574	1910	1917	1923	rBV	947678	1256200	1.59%	0.262%
32	12.653	1923	1930	1933	rBV	14010849	16804816	21.31%	3.502%
33	12.684	1933	1935	1940	rVV	6115453	7305410	9.26%	1.523%
34	12.745	1940	1945	1952	rVB2	19053127	27270974	34.58%	5.684%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015865.D
Acq On : 23 Apr 2020 01:41
Operator : JC/SP
Sample : L2380-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW029-200421

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\82X042220W.M
Title : SW846 8260

35	12.879	1961	1967	1972	rVB	713148	987123	1.25%	0.206%
36	12.964	1972	1981	1986	rBV	16254487	20143422	25.54%	4.198%
37	13.068	1993	1998	2005	rBV2	1255994	1917306	2.43%	0.400%
38	13.159	2005	2013	2015	rBV2	1778988	2811376	3.56%	0.586%
39	13.208	2018	2021	2028	rVB	14835186	18398794	23.33%	3.834%
40	13.275	2028	2032	2034	rBV	789243	892703	1.13%	0.186%
41	13.336	2037	2042	2047	rVB	31768741	40031730	50.76%	8.343%
42	13.385	2047	2050	2054	rBV2	2899420	3423716	4.34%	0.714%
43	13.464	2059	2063	2071	rVB	3368997	4173827	5.29%	0.870%
44	13.543	2071	2076	2079	rBV2	1588333	2223226	2.82%	0.463%
45	13.586	2079	2083	2086	rVV	4202698	6005849	7.61%	1.252%
46	13.623	2086	2089	2094	rVV3	4687459	7261131	9.21%	1.513%
47	13.684	2094	2099	2100	rVV2	2368281	3368079	4.27%	0.702%
48	13.702	2100	2102	2109	rVB2	4371186	6349361	8.05%	1.323%
49	13.964	2139	2145	2149	rBV2	1639701	2292163	2.91%	0.478%
50	14.013	2149	2153	2157	rVB	1624965	1869503	2.37%	0.390%
51	14.116	2165	2170	2176	rBV	3750909	4424576	5.61%	0.922%
52	14.257	2189	2193	2198	rBV	2691066	4229885	5.36%	0.882%
53	14.360	2205	2210	2216	rVV	2097823	3265768	4.14%	0.681%
54	14.415	2216	2219	2223	rVB	1991820	2353297	2.98%	0.490%
55	14.677	2259	2262	2267	rVB	740359	917597	1.16%	0.191%
56	14.824	2280	2286	2296	rBV	5231965	6814647	8.64%	1.420%
57	15.525	2394	2401	2411	rVB	559767	905076	1.15%	0.189%
58	15.665	2416	2424	2428	rBV	493782	791321	1.00%	0.165%

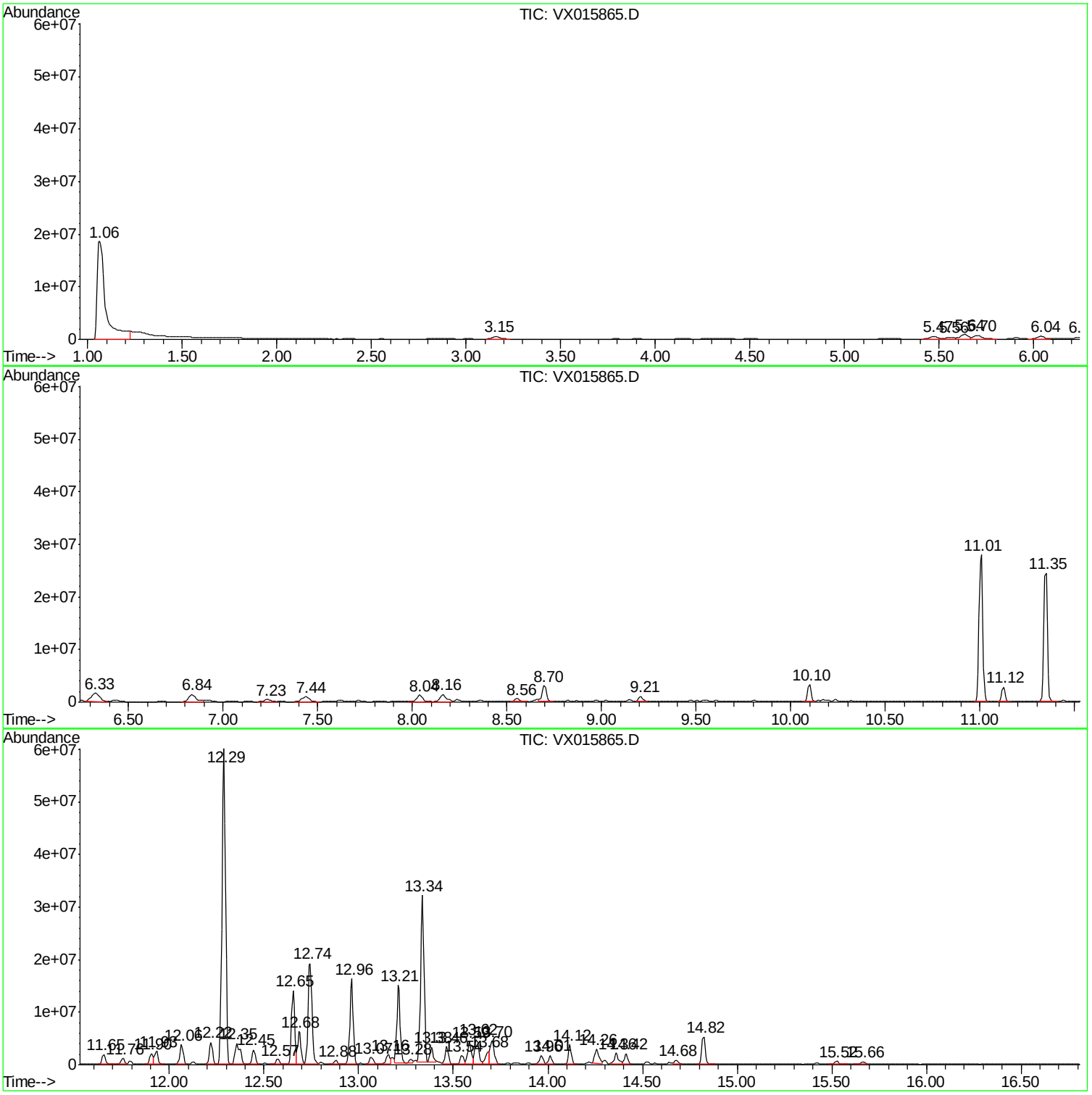
Sum of corrected areas: 479826230

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015865.D
Acq On : 23 Apr 2020 01:41
Operator : JC/SP
Sample : L2380-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015865.D
Acq On : 23 Apr 2020 01:41
Operator : JC/SP
Sample : L2380-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW029-200421

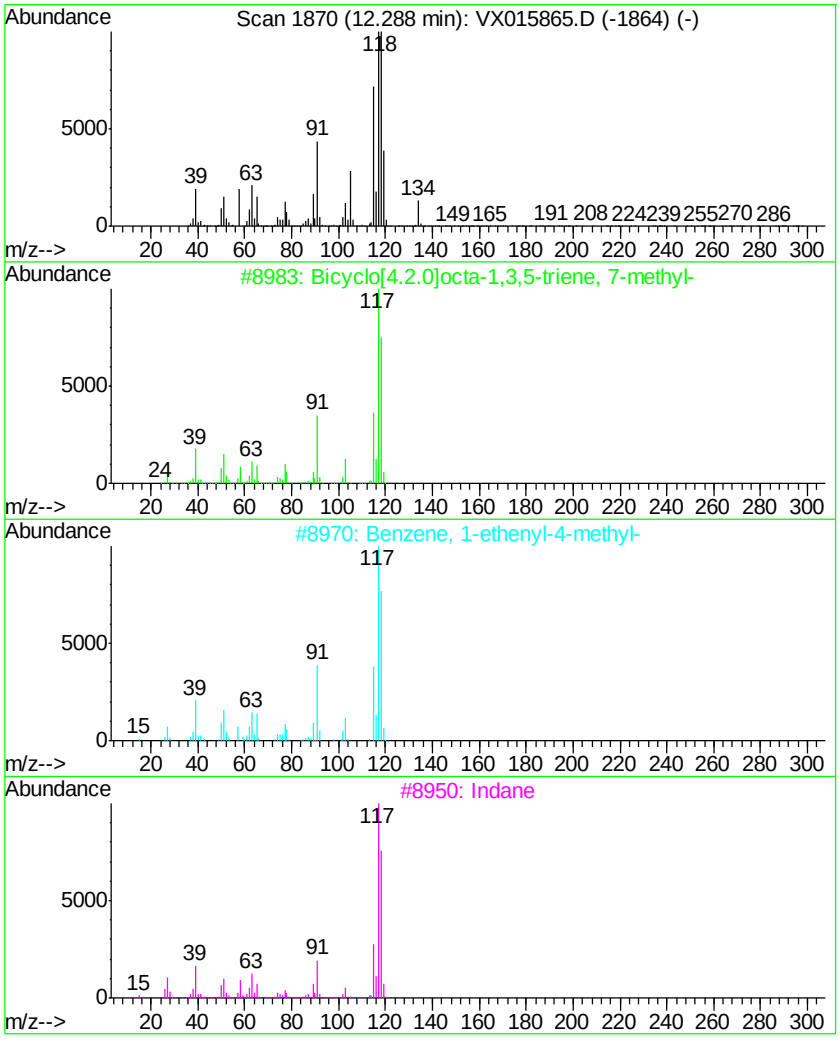
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

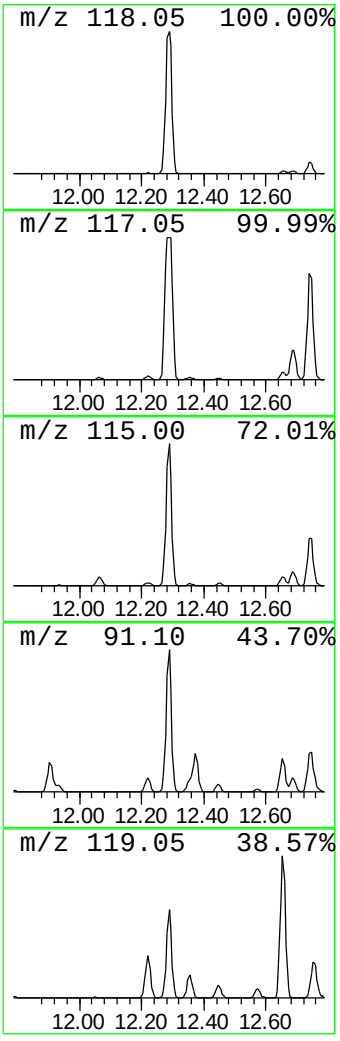
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	845.20 ug/l	78870400	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	90
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
3	Indane	118	C9H10	000496-11-7	64
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	60
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015865.D
Acq On : 23 Apr 2020 01:41
Operator : JC/SP
Sample : L2380-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW029-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

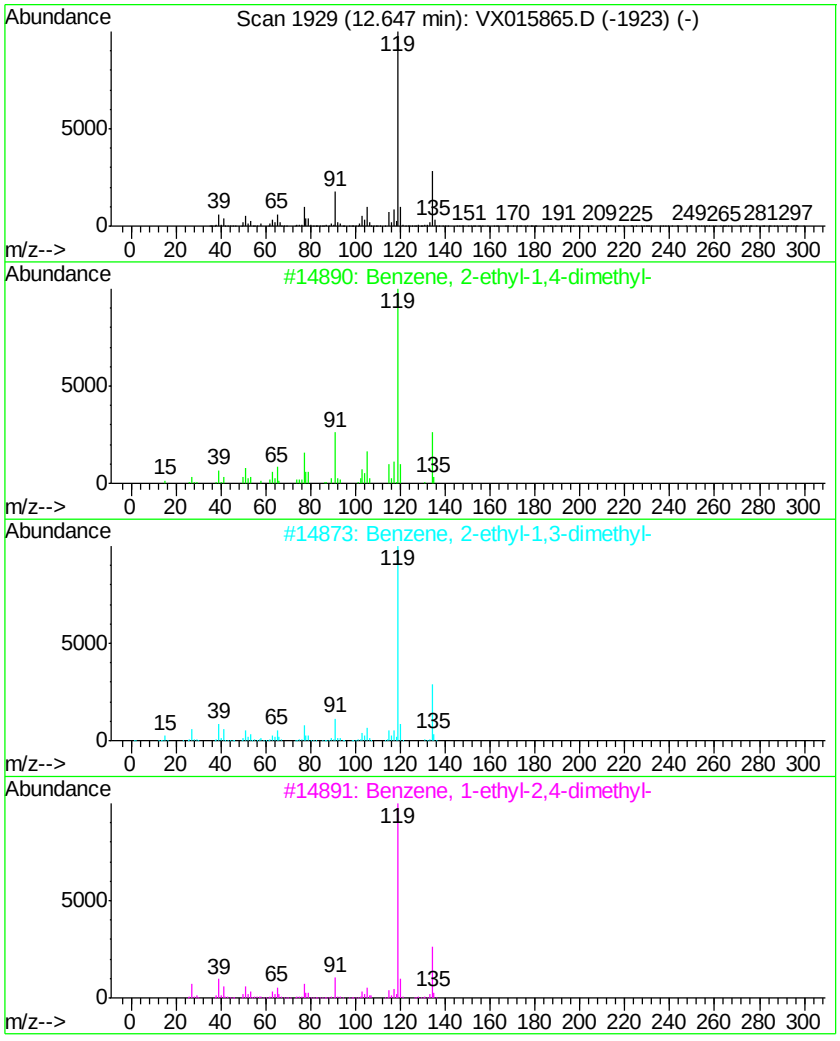
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

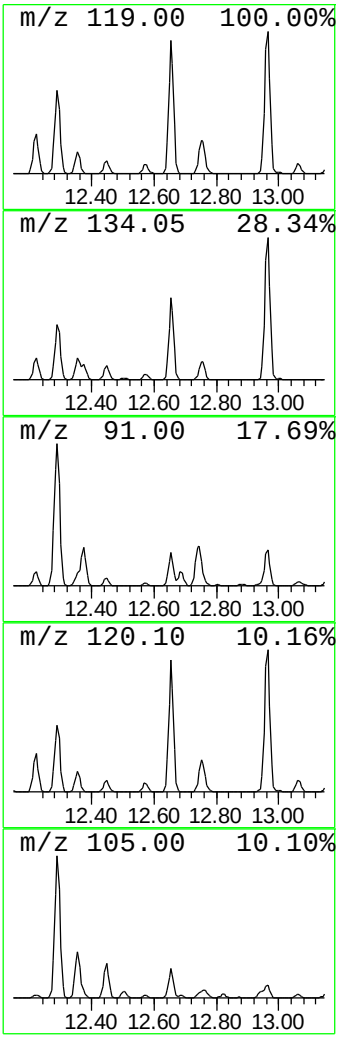
****

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	180.09 ug/l	16804800	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015865.D
Acq On : 23 Apr 2020 01:41
Operator : JC/SP
Sample : L2380-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW029-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

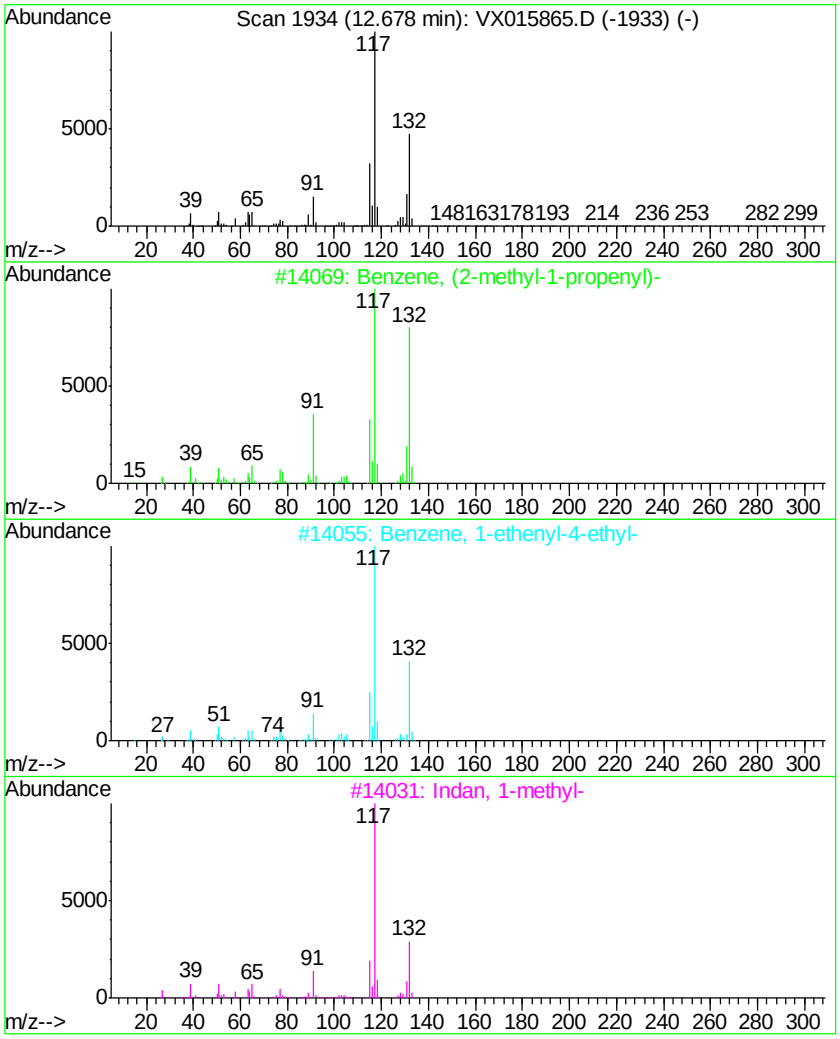
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

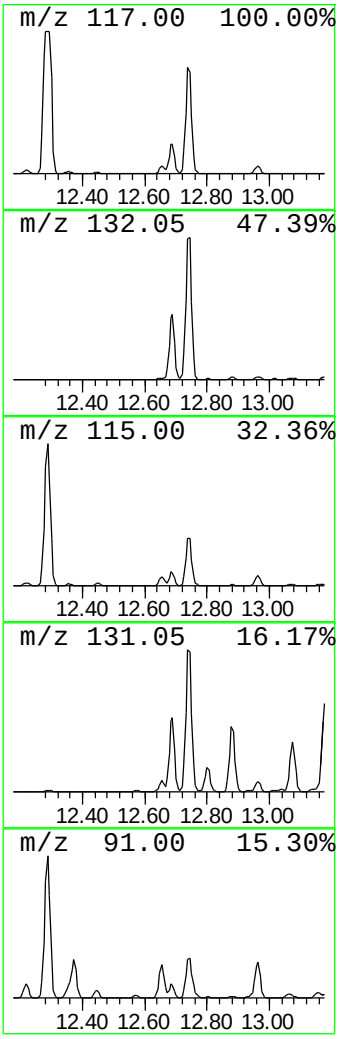
****

Peak Number 4 Benzene, (2-methyl-1-propen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	78.29 ug/l	7305410	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	Benzene, (1-methylenepropyl)-	132	C10H12	002039-93-2	90
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015865.D
Acq On : 23 Apr 2020 01:41
Operator : JC/SP
Sample : L2380-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW029-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

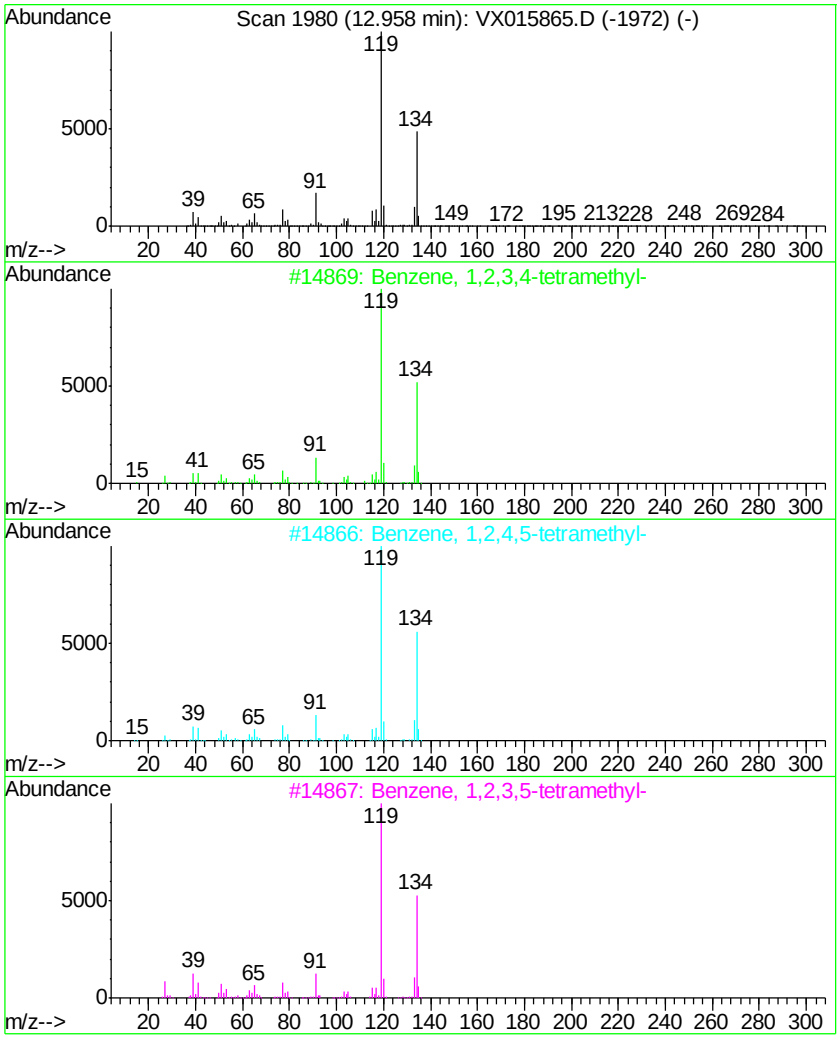
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

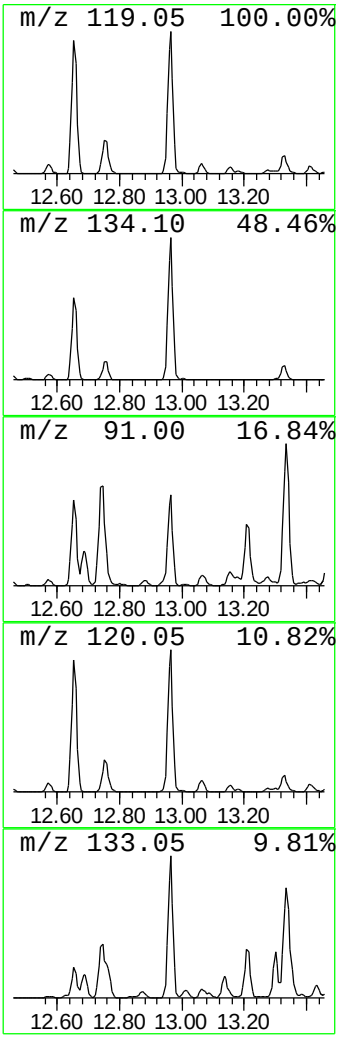
****

Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	215.86 ug/l	20143400	1,4-Dichlorobenzene-d4	12.06

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	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015865.D
Acq On : 23 Apr 2020 01:41
Operator : JC/SP
Sample : L2380-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW029-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

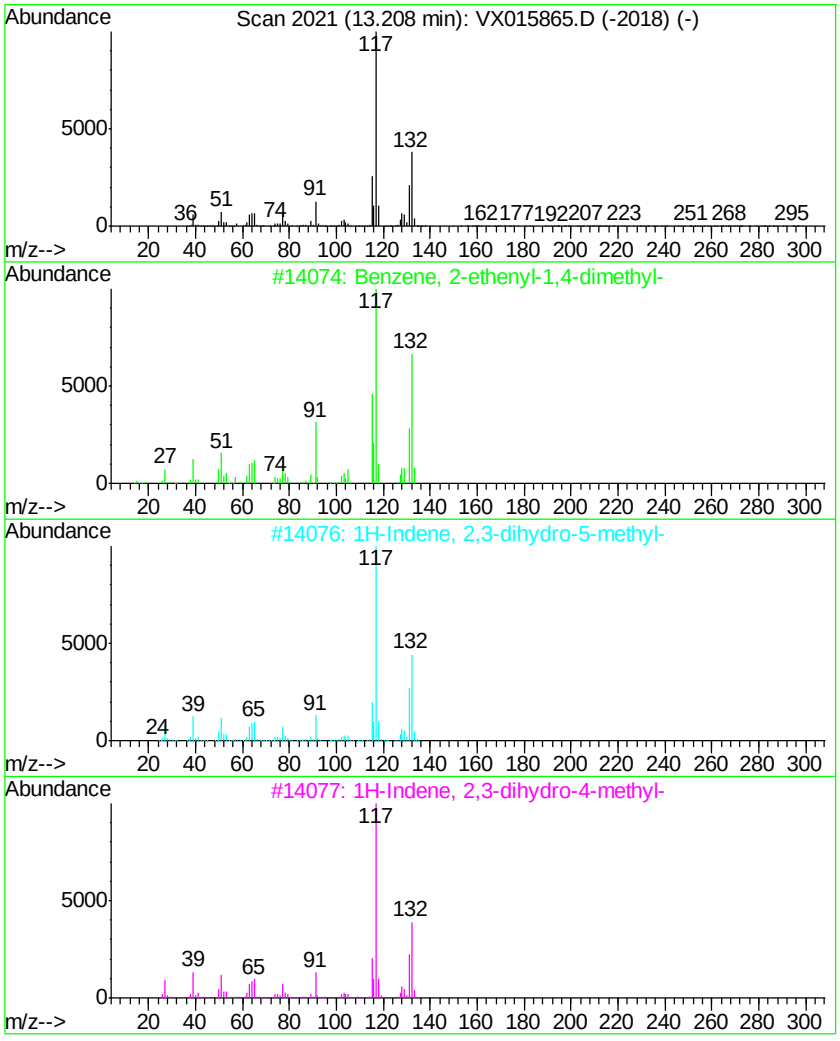
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

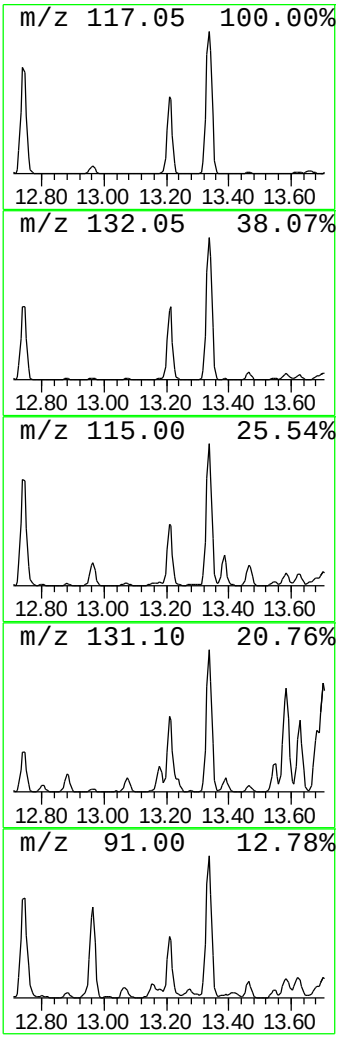
****

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	197.17 ug/l	18398800	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015865.D
Acq On : 23 Apr 2020 01:41
Operator : JC/SP
Sample : L2380-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW029-200421

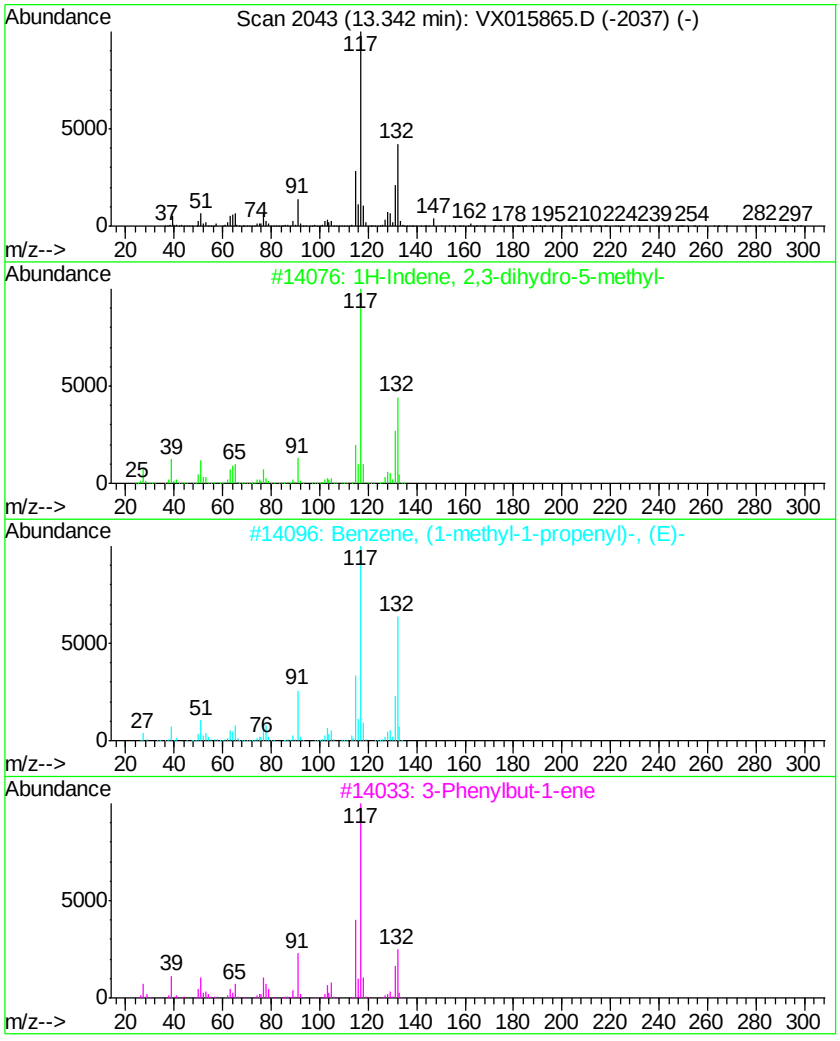
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

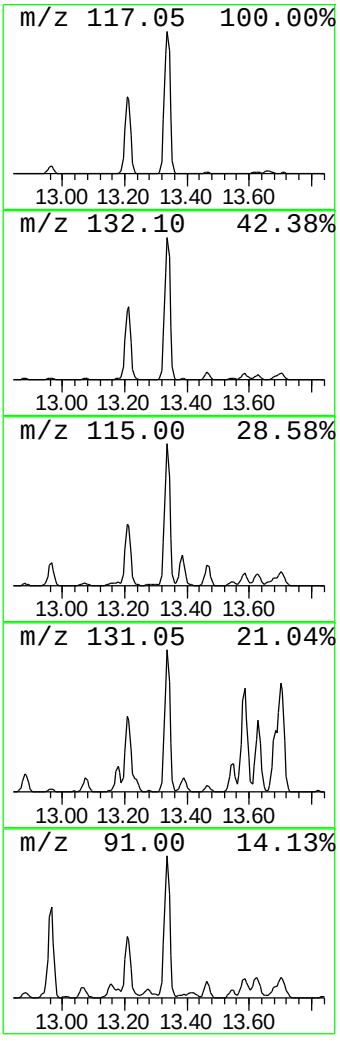
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	428.99 ug/l	40031700	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015865.D
Acq On : 23 Apr 2020 01:41
Operator : JC/SP
Sample : L2380-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW029-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

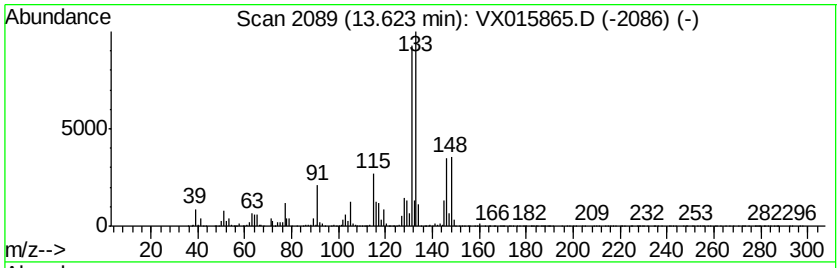
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

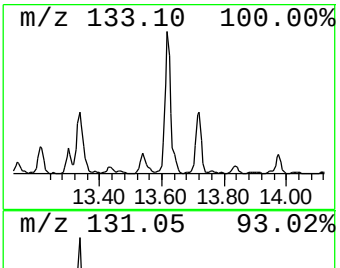
****

Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	77.81 ug/l	7261130	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	89
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015865.D
Acq On : 23 Apr 2020 01:41
Operator : JC/SP
Sample : L2380-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW029-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260

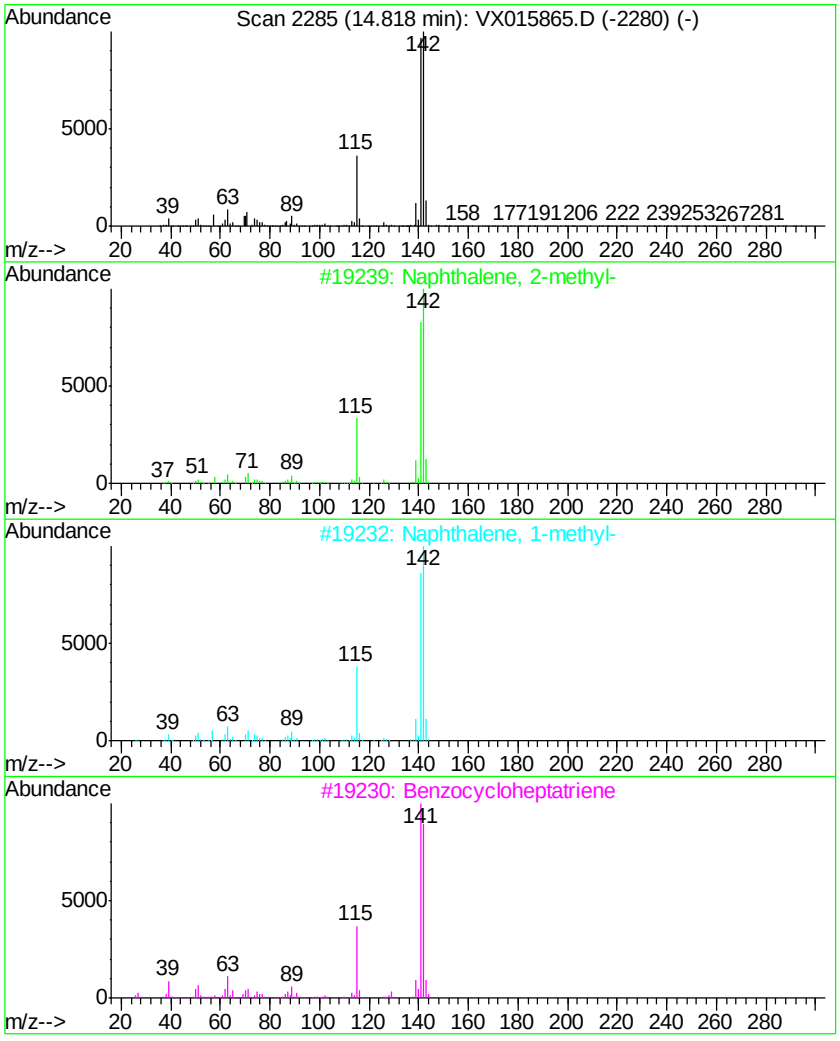
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

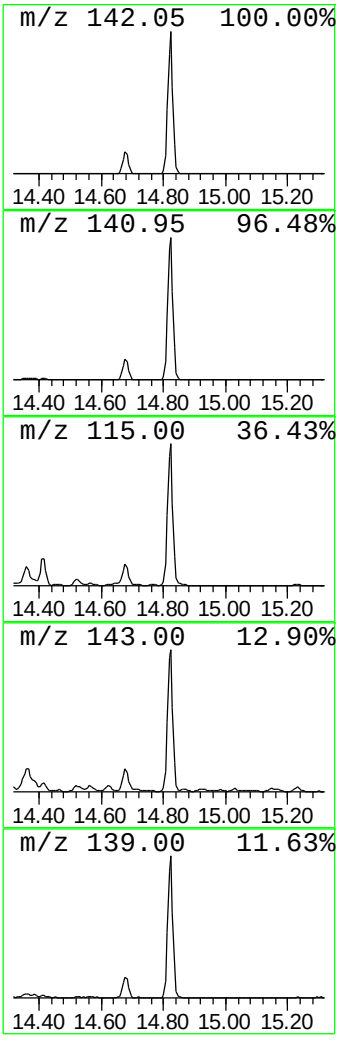
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	73.03 ug/l	6814650	1,4-Dichlorobenzene-d4	12.06

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	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015865.D
Acq On : 23 Apr 2020 01:41
Operator : JC/SP
Sample : L2380-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW029-200421

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.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
Bicyclo[4.2.0]oct...	12.29	845.2	ug/l	78870400	4	12.06	4665770	50.0
Benzene, 2-ethyl-...	12.65	180.1	ug/l	16804800	4	12.06	4665770	50.0
Benzene, (2-methy...	12.68	78.3	ug/l	7305410	4	12.06	4665770	50.0
Benzene, 1,2,3,4-...	12.96	215.9	ug/l	20143400	4	12.06	4665770	50.0
Benzene, 2-etheny...	13.21	197.2	ug/l	18398800	4	12.06	4665770	50.0
1H-Indene, 2,3-di...	13.34	429.0	ug/l	40031700	4	12.06	4665770	50.0
1H-Indene, 2,3-di...	13.62	77.8	ug/l	7261130	4	12.06	4665770	50.0
Naphthalene, 1-me...	14.82	73.0	ug/l	6814650	4	12.06	4665770	50.0