LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014157.D
Acq On : 20 Dec 2019 06:49
Operator : JC/SP
Sample : K6372-18
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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	44	rBV	2421980	2780234	1.87%	0.560%
2	5.649	764	781	789	rBV2	543866	2063464	1.39%	0.415%
3	6.850	968	978	990	rBV	825077	1941846	1.31%	0.391%
4	8.709	1277	1283	1291	rVB	1760230	2672299	1.80%	0.538%
5	10.105	1507	1512	1517	rBV	1646489	2271871	1.53%	0.457%
6	10.245	1531	1535	1545	rVB	1179846	1568716	1.05%	0.316%
7	11.014	1655	1661	1666	rBV	4972186	6195556	4.17%	1.247%
8	11.135	1675	1681	1686	rBV	1420403	1877232	1.26%	0.378%
9	11.355	1712	1717	1722	rBV	4634424	5452029	3.67%	1.098%
10	11.446	1723	1732	1737	rVV	3972155	5099581	3.43%	1.027%
11	11.501	1737	1741	1748	rVB	2404015	2846621	1.91%	0.573%
12	11.666	1762	1768	1777	rVB	9421222	12134284	8.16%	2.443%
13	11.806	1781	1791	1796	rBV	34114770	43070846	28.97%	8.671%
14	11.861	1796	1800	1804	rVB	1450210	1727738	1.16%	0.348%
15	12.068	1829	1834	1840	rVB2	2497403	3873040	2.60%	0.780%
16	12.141	1840	1846	1850	rBV	12206775	15076920	10.14%	3.035%
17	12.294	1865	1871	1878	rBV	26969467	34903232	23.47%	7.027%
18	12.367	1878	1883	1888	rVV2	3461642	4563431	3.07%	0.919%
19	12.580	1913	1918	1920	rBV	1792321	2376822	1.60%	0.478%
20	12.605	1920	1922	1926	rVB	2298761	2447579	1.65%	0.493%
21	12.666	1926	1932	1935	rBV	4824550	6175143	4.15%	1.243%
22	12.751	1941	1946	1952	rBV	11219840	15084806	10.14%	3.037%
23	12.970	1975	1982	1985	rBV	1766012	2262622	1.52%	0.456%
24	13.013	1985	1989	1994	rVB2	3690271	4676441	3.14%	0.941%
25	13.220	2018	2023	2028	rVB	7514118	8768054	5.90%	1.765%
26	13.342	2034	2043	2047	rBV2	7585669	10422983	7.01%	2.098%
27	13.397	2047	2052	2059	rVB	8205927	10443196	7.02%	2.102%
28	13.483	2059	2066	2071	rVB	29231691	39038109	26.25%	7.859%
29	13.556	2071	2078	2082	rBV	4812251	5928759	3.99%	1.194%
30	13.726	2099	2106	2111	rVB2	1094720	1642588	1.10%	0.331%
31	13.842	2115	2125	2130	rBV2	93247908	148696135	100.00%	29.935%
32	14.275	2191	2196	2199	rBV2	2044408	3211465	2.16%	0.647%
33	14.373	2207	2212	2218	rVB	2665976	4653187	3.13%	0.937%
34	14.574	2241	2245	2253	rVB	1215628	1910873	1.29%	0.385%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014157.D
Acq On : 20 Dec 2019 06:49
Operator : JC/SP
Sample : K6372-18
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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	14.696	2259	2265	2274	rVB	25155571	32724446	22.01%	6.588%
36	14.836	2282	2288	2298	rBV	26494114	31880073	21.44%	6.418%
37	15.263	2350	2358	2363	rBV	1689294	2372515	1.60%	0.478%
38	15.440	2381	2387	2390	rBV	1289916	1858215	1.25%	0.374%
39	15.543	2398	2404	2409	rBV	1095604	1756560	1.18%	0.354%
40	15.677	2420	2426	2430	rBV	2027528	3338175	2.24%	0.672%
41	15.903	2454	2463	2476	rBV	560755	1652312	1.11%	0.333%
42	16.409	2537	2546	2555	rBV	1784766	3293512	2.21%	0.663%

Sum of corrected areas: 496733510

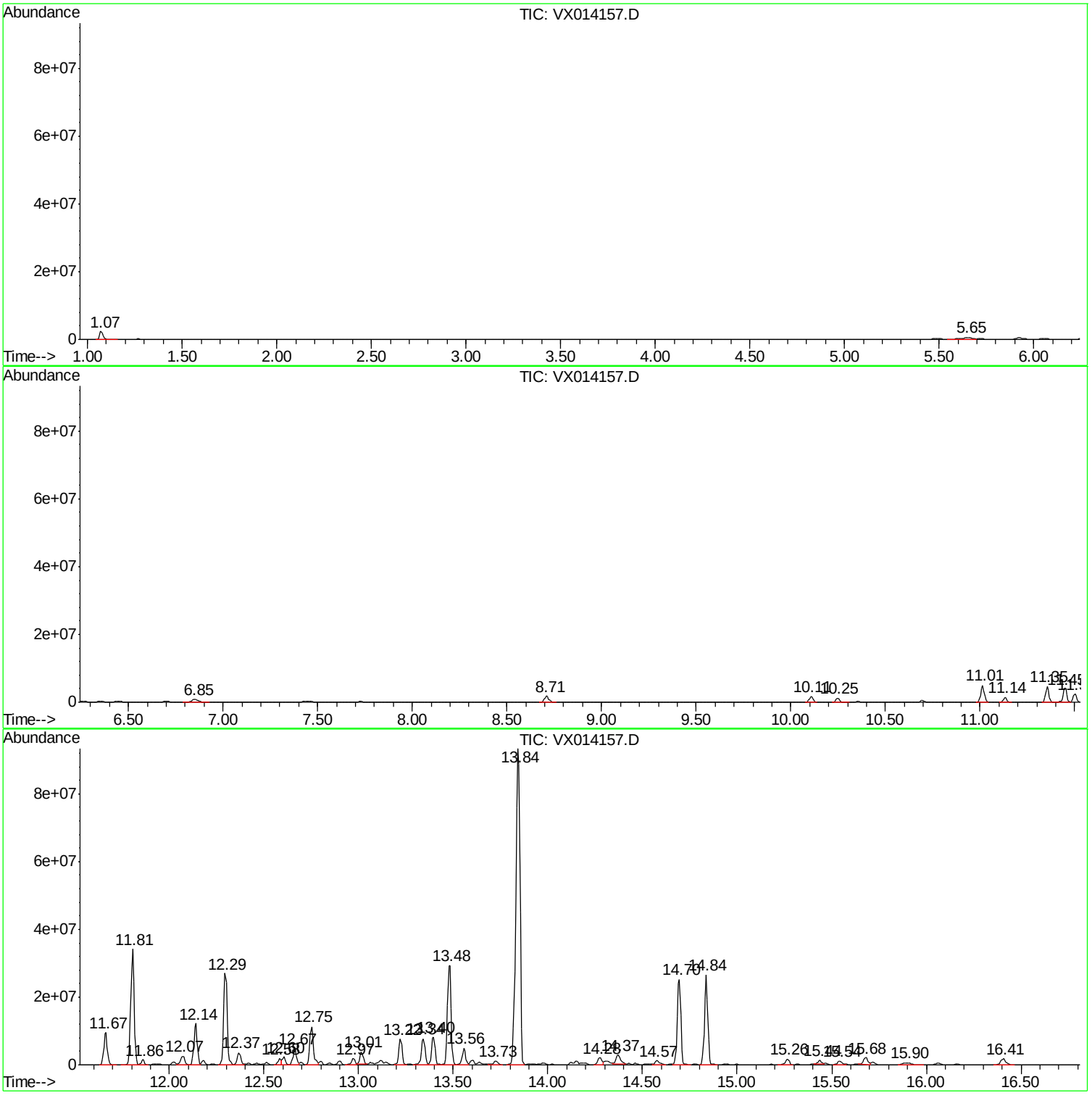
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014157.D
Acq On : 20 Dec 2019 06:49
Operator : JC/SP
Sample : K6372-18
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-14

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 : VX014157.D
Acq On : 20 Dec 2019 06:49
Operator : JC/SP
Sample : K6372-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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

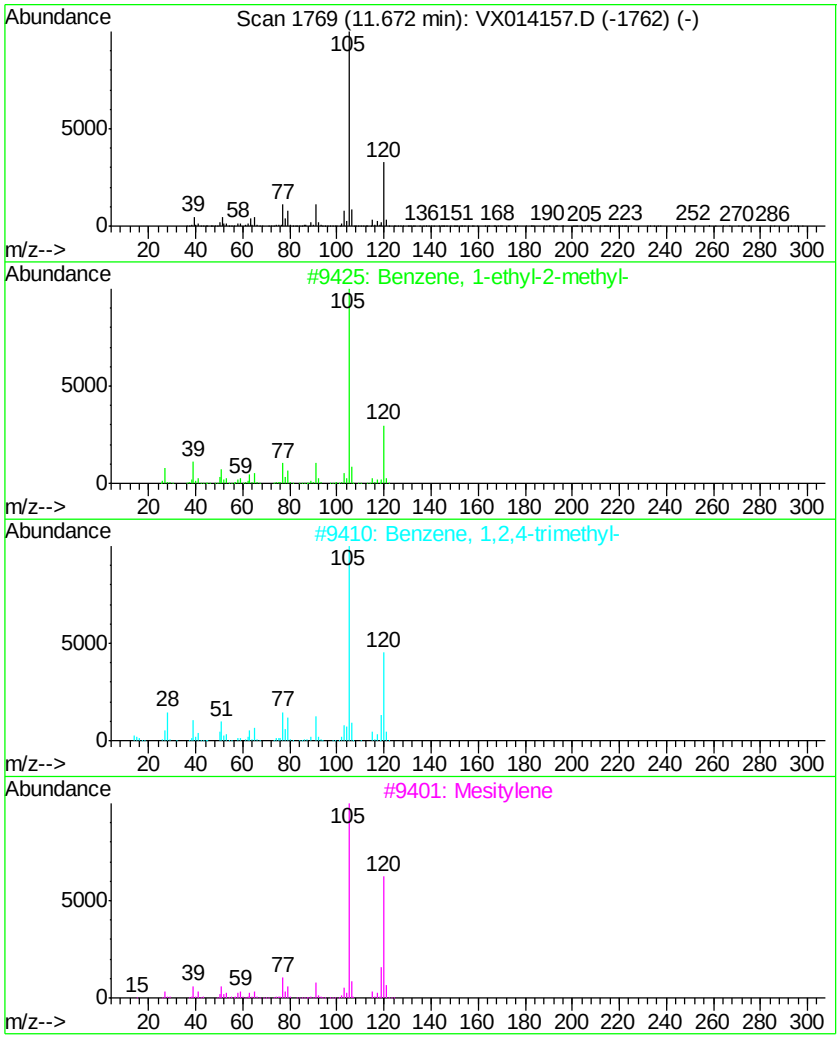
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

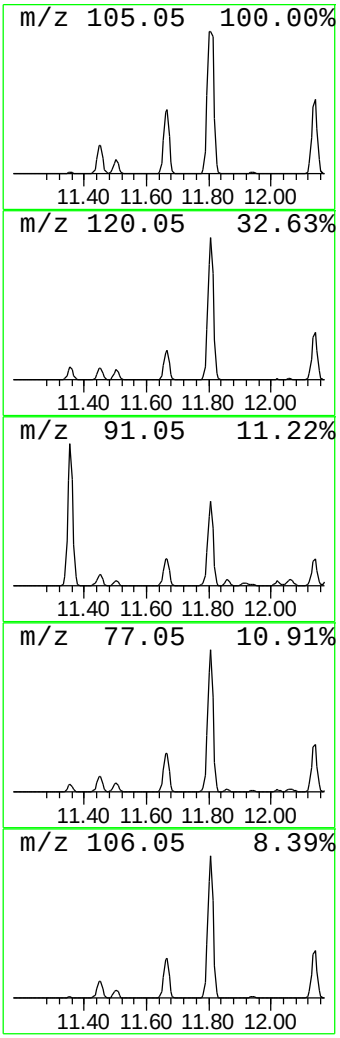
****

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	156.65 ug/l	12134300	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014157.D
Acq On : 20 Dec 2019 06:49
Operator : JC/SP
Sample : K6372-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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

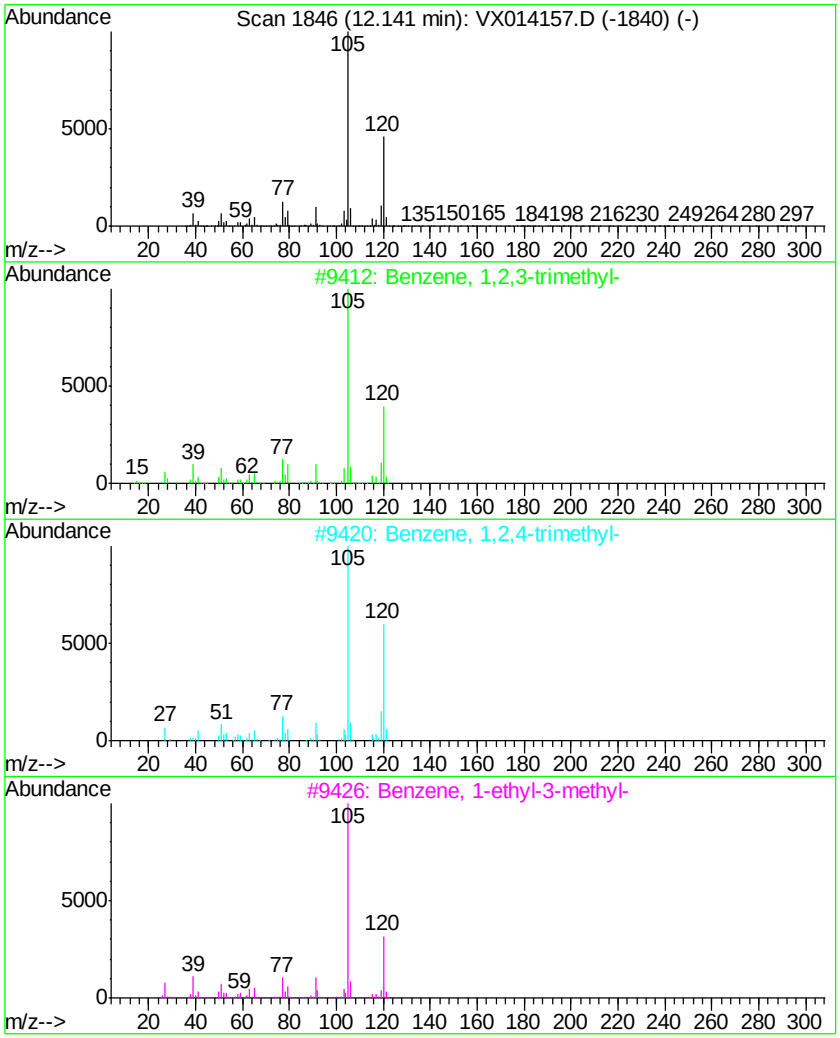
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

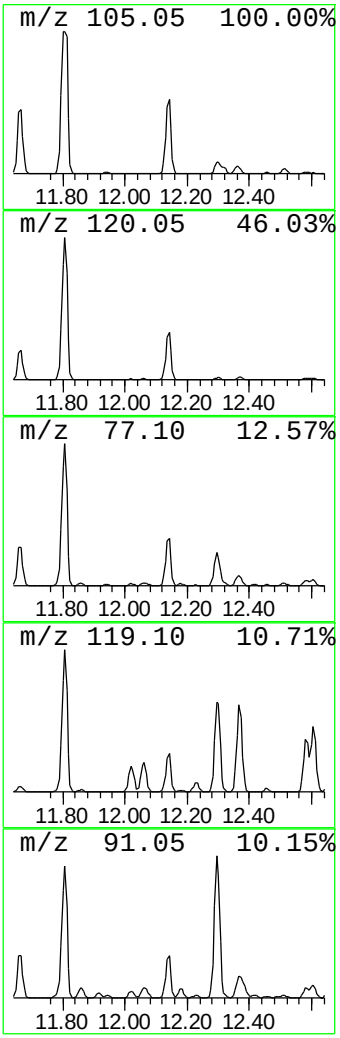
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	194.64 ug/l	15076900	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	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014157.D
Acq On : 20 Dec 2019 06:49
Operator : JC/SP
Sample : K6372-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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

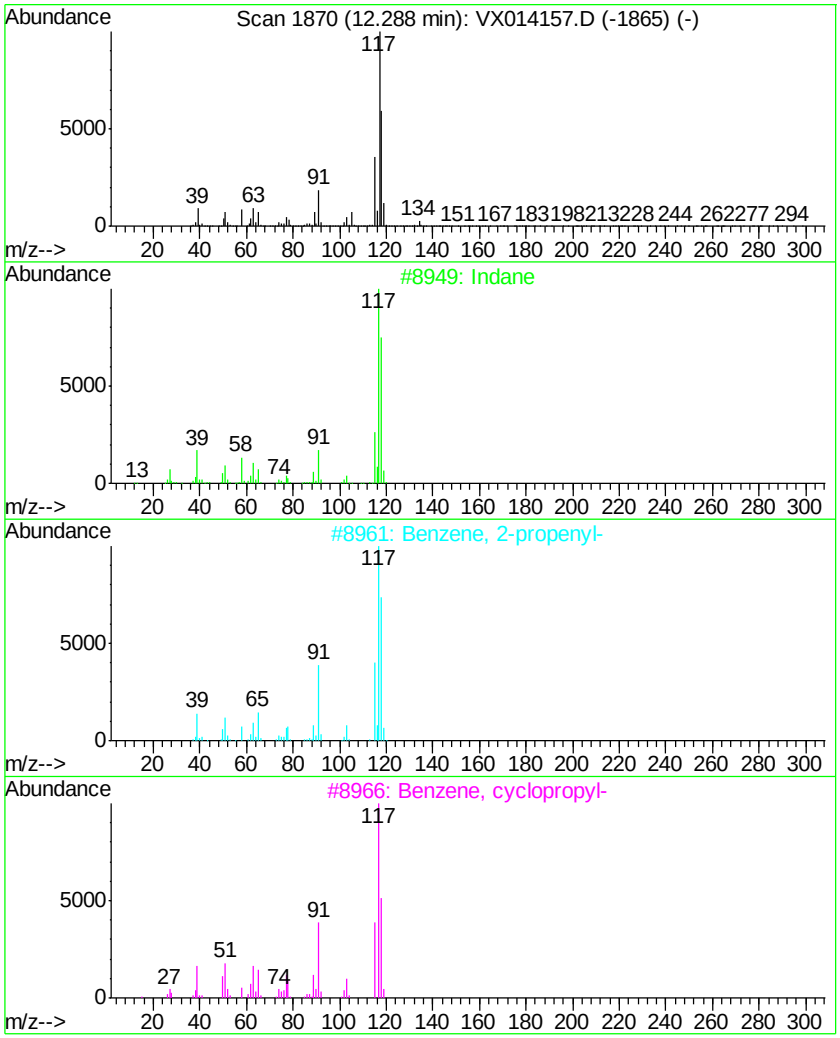
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

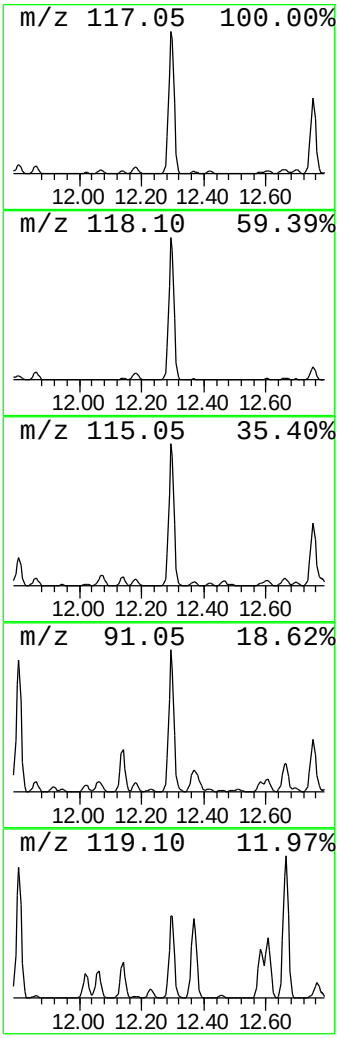
****

Peak Number 3 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	450.59 ug/l	34903200	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014157.D
Acq On : 20 Dec 2019 06:49
Operator : JC/SP
Sample : K6372-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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

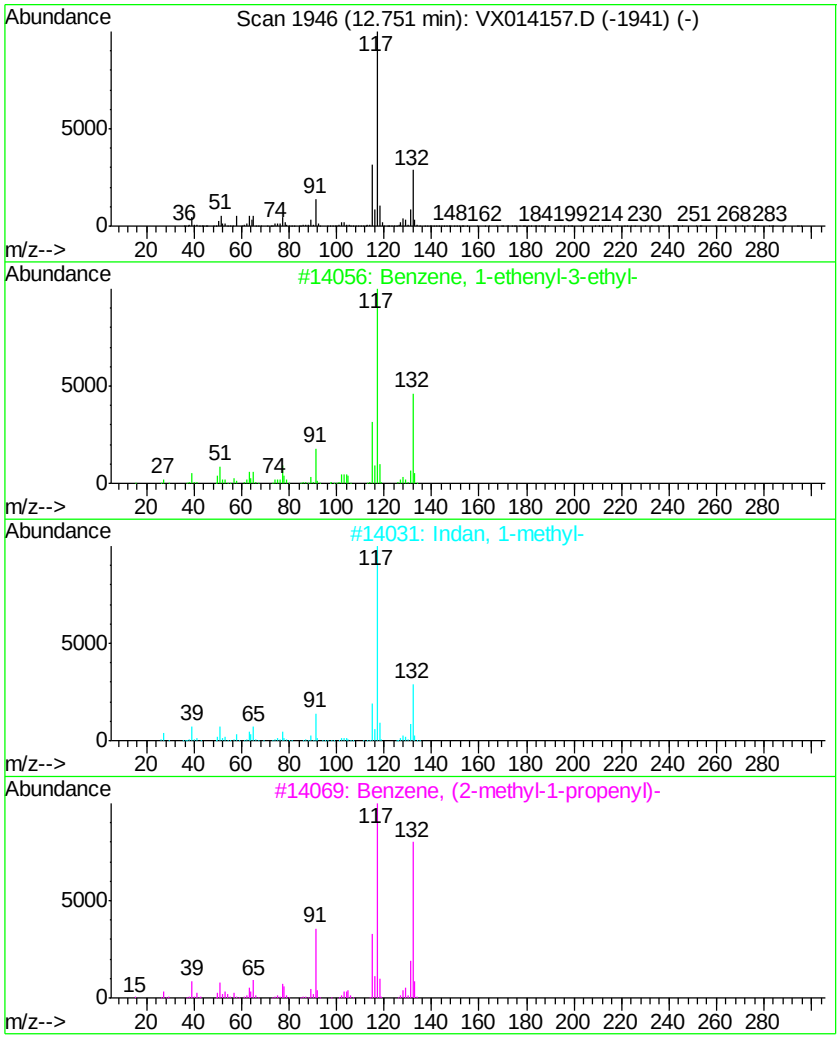
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

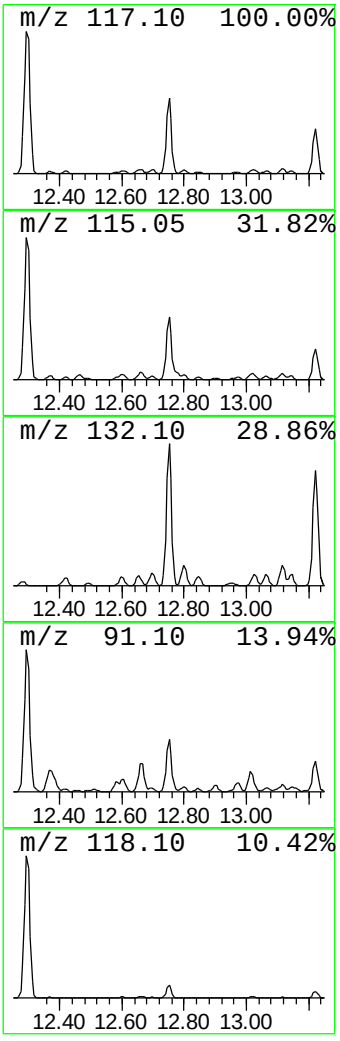
****

Peak Number 4 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	194.74 ug/l	15084800	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	91
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014157.D
Acq On : 20 Dec 2019 06:49
Operator : JC/SP
Sample : K6372-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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

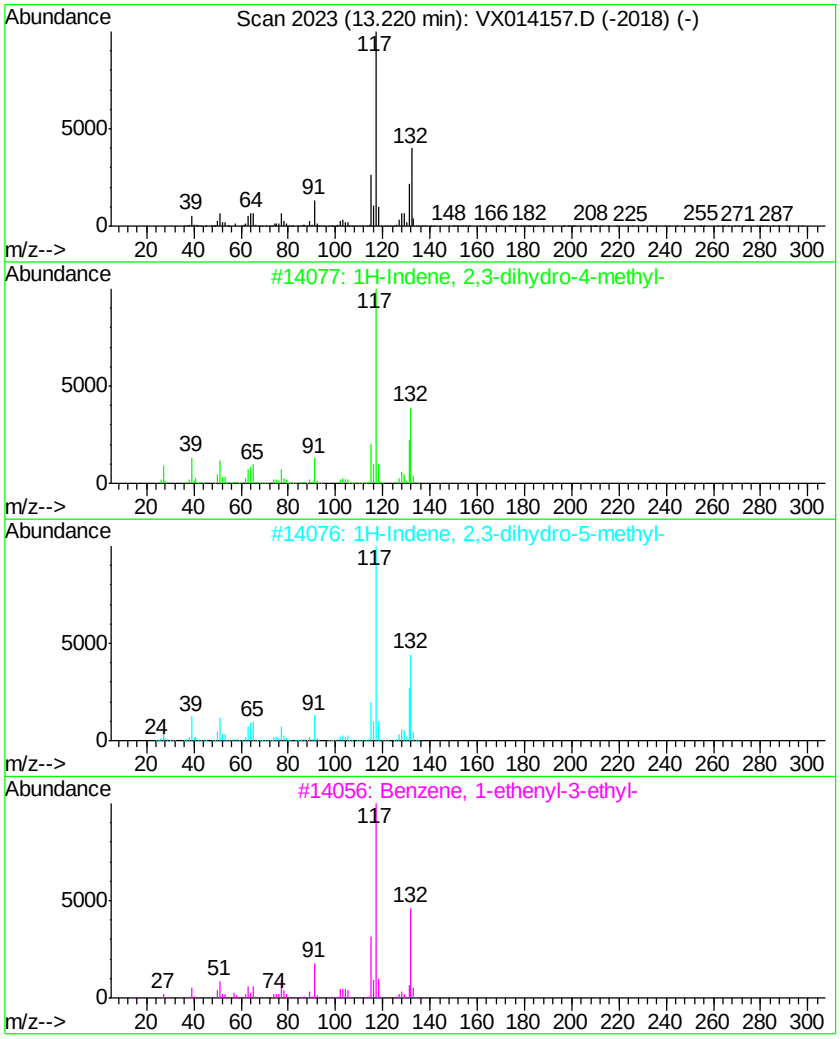
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

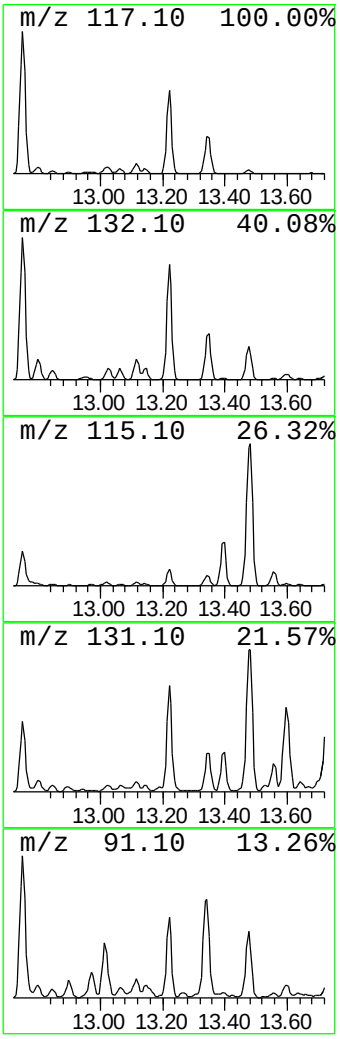
****

Peak Number 5 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	113.19 ug/l	8768050	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	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014157.D
Acq On : 20 Dec 2019 06:49
Operator : JC/SP
Sample : K6372-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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

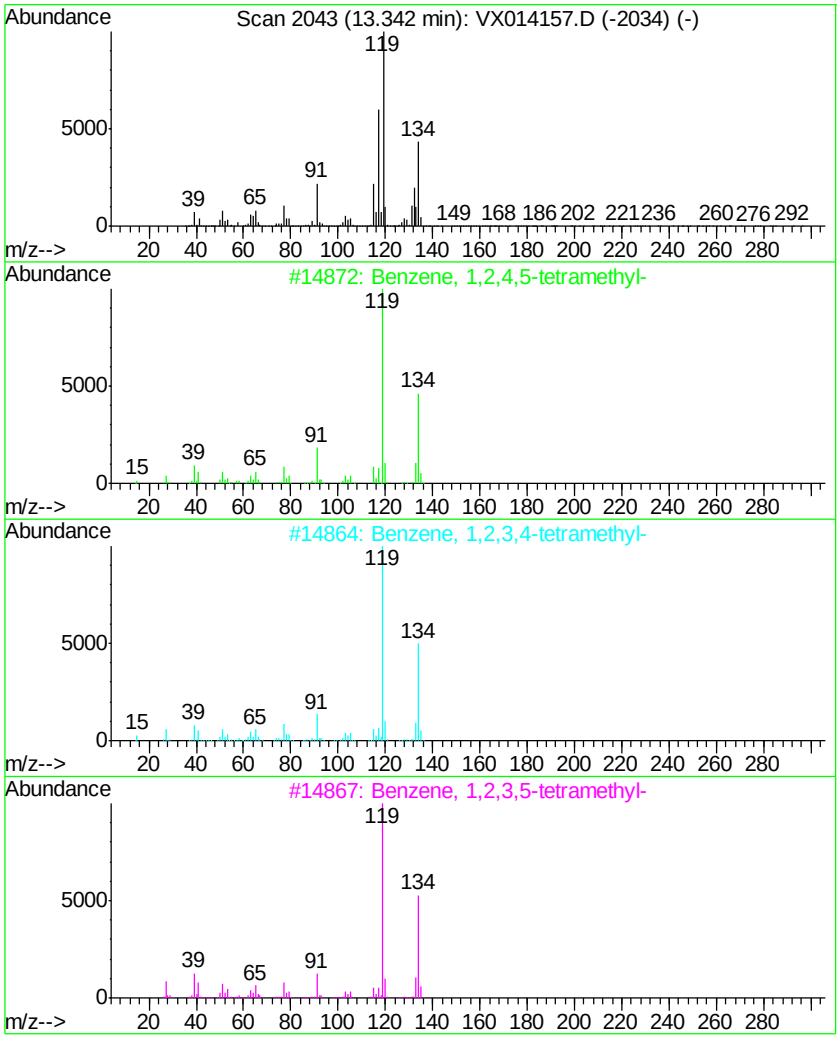
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

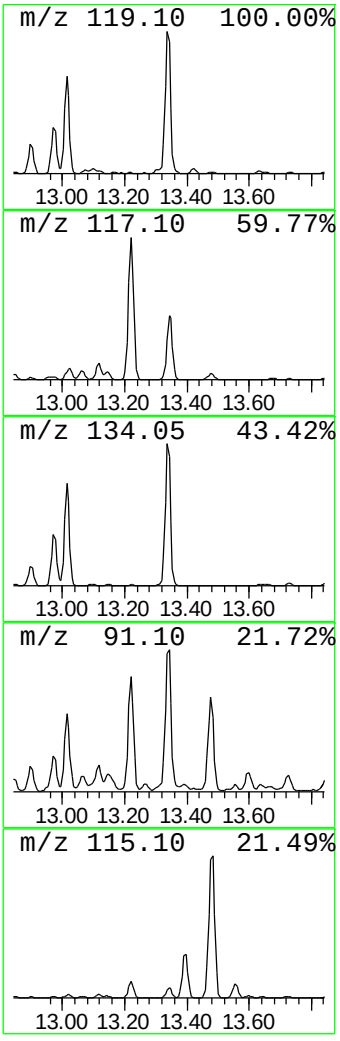
****

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	134.56 ug/l	10423000	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	91
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	o-Cymene	134	C10H14	000527-84-4	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014157.D
Acq On : 20 Dec 2019 06:49
Operator : JC/SP
Sample : K6372-18
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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

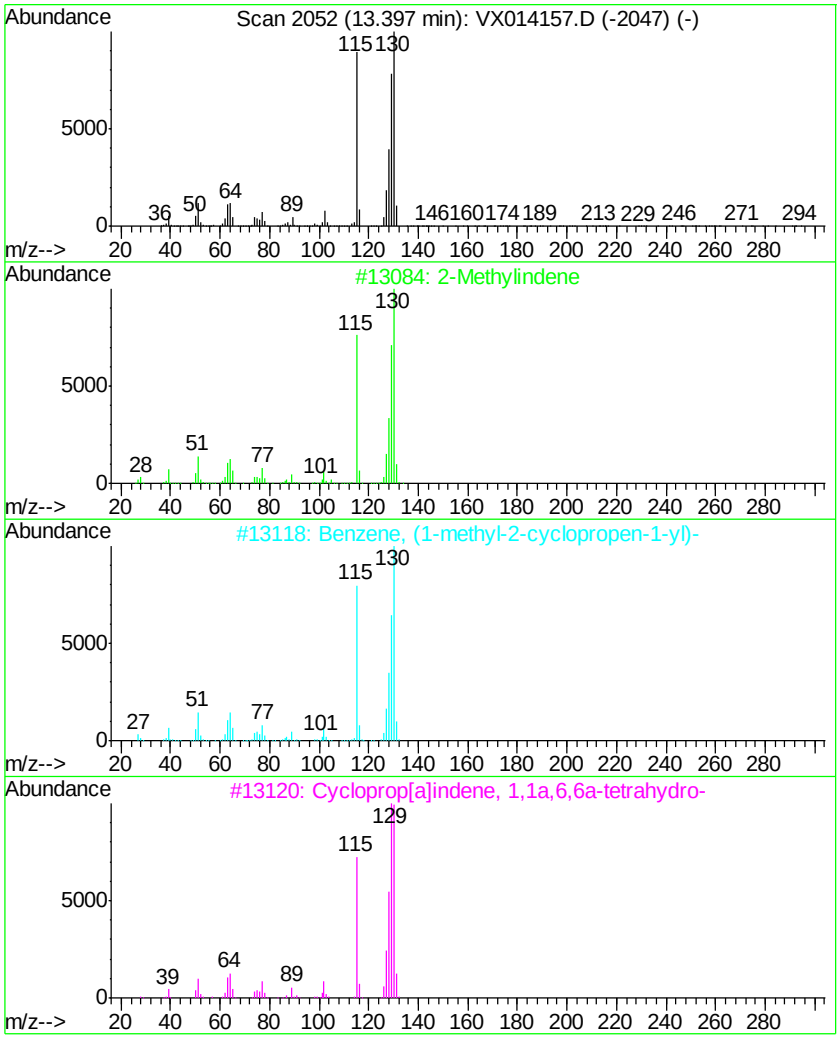
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

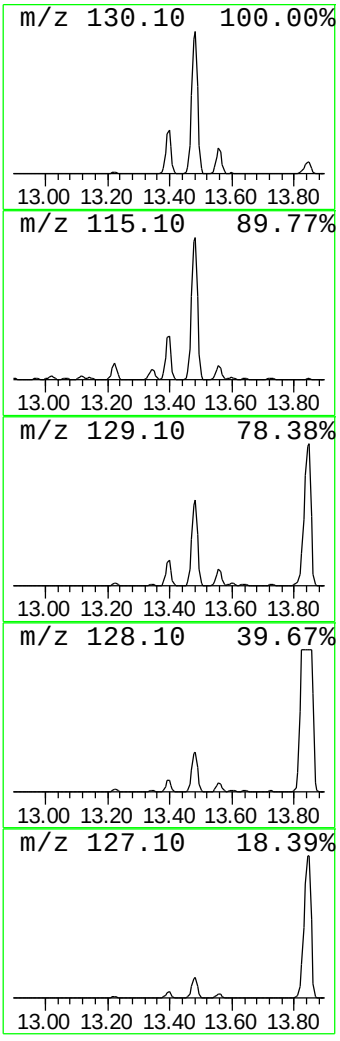
****

Peak Number 7 2-Methylindene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	134.82 ug/l	10443200	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014157.D
Acq On : 20 Dec 2019 06:49
Operator : JC/SP
Sample : K6372-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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

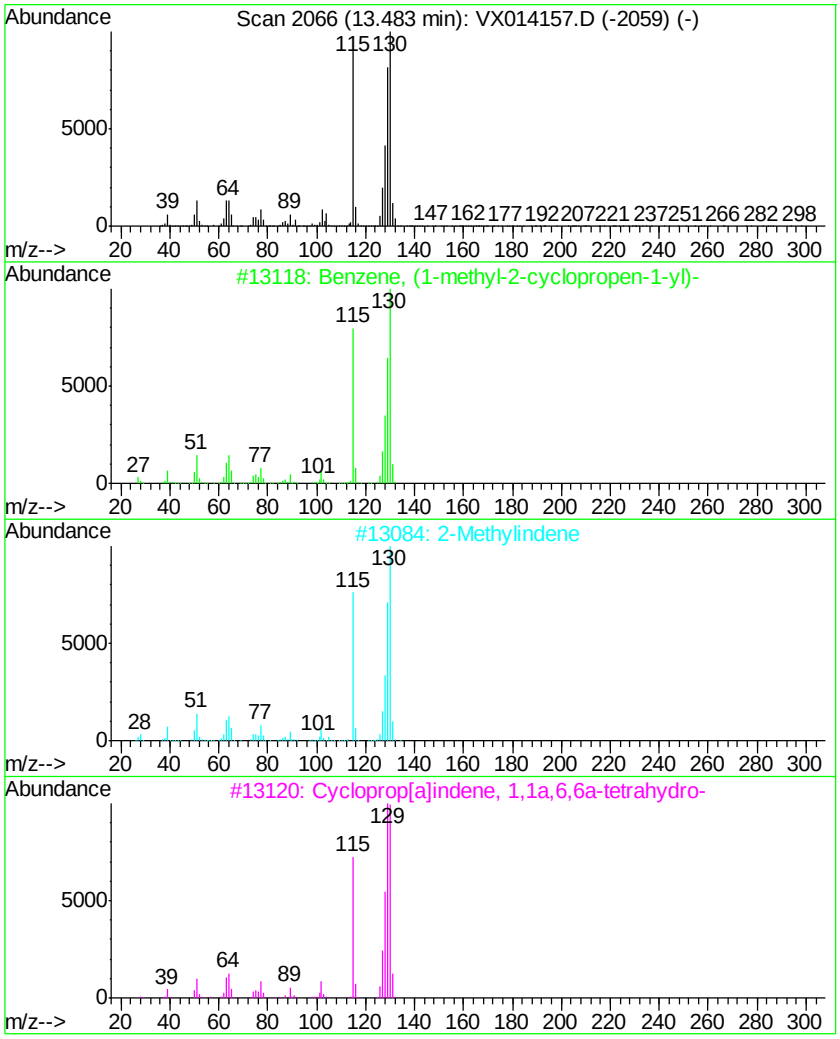
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

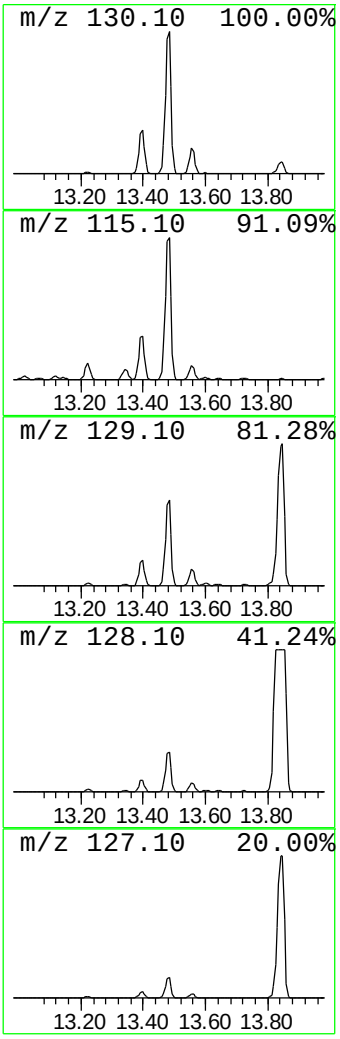
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	503.97 ug/l	39038100	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2	2-Methylindene	130	C10H10	002177-47-1	97
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014157.D
Acq On : 20 Dec 2019 06:49
Operator : JC/SP
Sample : K6372-18
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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

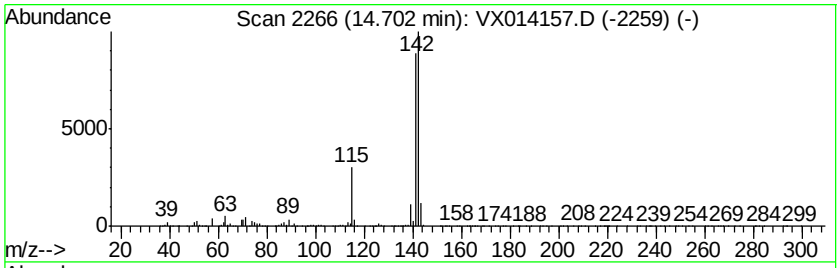
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

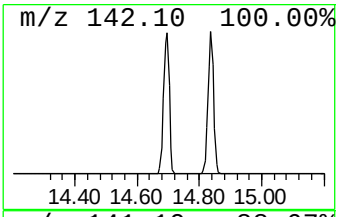
****

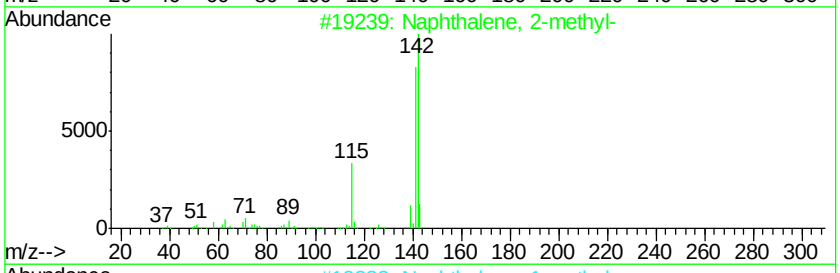
Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 3

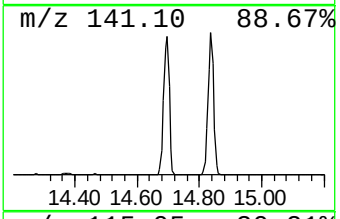
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	422.47 ug/l	32724400	1,4-Dichlorobenzene-d4	12.07

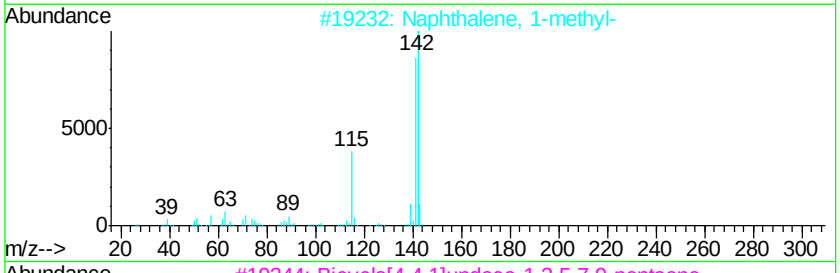
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91

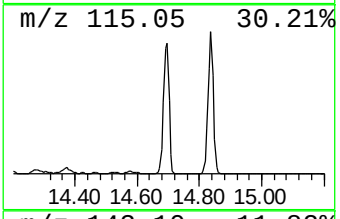


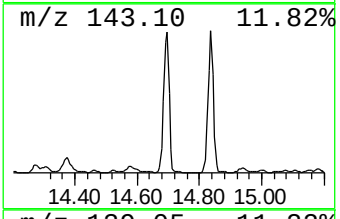


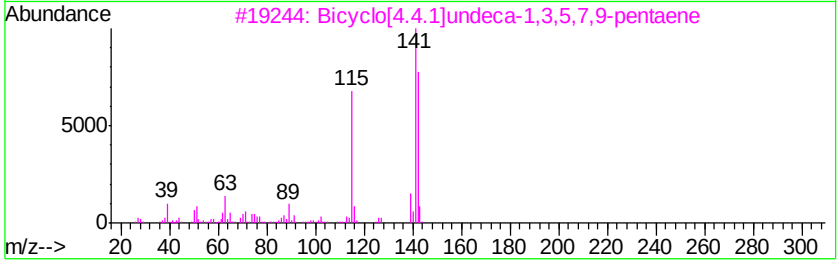


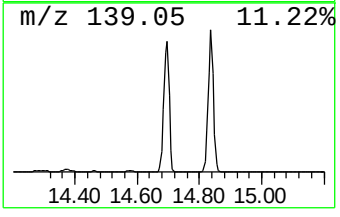












Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121919\
Data File : VX014157.D
Acq On : 20 Dec 2019 06:49
Operator : JC/SP
Sample : K6372-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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-ethyl-...	11.67	156.7	ug/l	12134300	4	12.07	3873040	50.0
Benzene, 1,2,3-tr...	12.14	194.6	ug/l	15076900	4	12.07	3873040	50.0
Indane	12.29	450.6	ug/l	34903200	4	12.07	3873040	50.0
Benzene, 1-etheny...	12.75	194.7	ug/l	15084800	4	12.07	3873040	50.0
1H-Indene, 2,3-di...	13.22	113.2	ug/l	8768050	4	12.07	3873040	50.0
Benzene, 1,2,4,5-...	13.34	134.6	ug/l	10423000	4	12.07	3873040	50.0
2-Methylindene	13.40	134.8	ug/l	10443200	4	12.07	3873040	50.0
Benzene, (1-methy...	13.48	504.0	ug/l	39038100	4	12.07	3873040	50.0
Naphthalene, 1-me...	14.70	422.5	ug/l	32724400	4	12.07	3873040	50.0