LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
Data File : VX013676.D
Acq On : 28 Nov 2019 01:34
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 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\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	43	rBV	2432664	2806370	1.69%	0.492%
2	5.648	764	781	789	rBV2	634269	2367570	1.43%	0.415%
3	6.849	969	978	991	rBV	989916	2351579	1.42%	0.412%
4	8.709	1277	1283	1291	rVB	2119905	3230014	1.94%	0.566%
5	10.111	1507	1513	1517	rBV	1962004	2709041	1.63%	0.475%
6	10.245	1531	1535	1545	rVB	1320320	1811854	1.09%	0.317%
7	11.013	1656	1661	1666	rBV	5717328	7149776	4.30%	1.253%
8	11.135	1675	1681	1686	rBV	1755194	2259051	1.36%	0.396%
9	11.355	1712	1717	1723	rVB	5341574	6206872	3.74%	1.087%
10	11.452	1723	1733	1737	rBV	4793367	5951272	3.58%	1.043%
11	11.501	1737	1741	1747	rVB	2525975	3013476	1.81%	0.528%
12	11.665	1762	1768	1777	rVB	11514640	14201982	8.55%	2.488%
13	11.806	1781	1791	1796	rBV	39529095	49119635	29.57%	8.606%
14	11.861	1796	1800	1804	rVB	1648670	1909321	1.15%	0.335%
15	12.074	1830	1835	1840	rVB2	2880932	4511949	2.72%	0.791%
16	12.141	1840	1846	1850	rBV	14232572	17474446	10.52%	3.062%
17	12.299	1865	1872	1879	rBV	30102603	39889050	24.01%	6.989%
18	12.367	1879	1883	1888	rBV2	3799891	5079481	3.06%	0.890%
19	12.586	1914	1919	1920	rBV	2054475	2644608	1.59%	0.463%
20	12.604	1920	1922	1927	rVV	2762529	3085533	1.86%	0.541%
21	12.665	1927	1932	1935	rVV	5756023	7175590	4.32%	1.257%
22	12.751	1941	1946	1952	rBV	13371826	17512365	10.54%	3.068%
23	12.970	1975	1982	1986	rBV	1966721	2706333	1.63%	0.474%
24	13.013	1986	1989	1994	rVB2	4213352	5412770	3.26%	0.948%
25	13.220	2018	2023	2028	rVB	8828680	10358152	6.24%	1.815%
26	13.342	2038	2043	2048	rBV2	8978302	11469156	6.90%	2.009%
27	13.397	2048	2052	2059	rVB	9888318	12006159	7.23%	2.104%
28	13.482	2059	2066	2071	rVB	33696741	44755672	26.94%	7.842%
29	13.555	2071	2078	2082	rBV	5514672	6784839	4.08%	1.189%
30	13.598	2082	2085	2089	rVB	1469577	1759573	1.06%	0.308%
31	13.726	2102	2106	2111	rVB2	1298095	1783896	1.07%	0.313%
32	13.842	2115	2125	2130	rBV2	101915273	166127799	100.00%	29.107%
33	14.275	2191	2196	2199	rBV	2465870	3734083	2.25%	0.654%
34	14.372	2207	2212	2219	rVB	3286825	5609043	3.38%	0.983%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
Data File : VX013676.D
Acq On : 28 Nov 2019 01:34
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 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\82X112619W.M
Title : SW846 8260

35	14.580	2242	2246	2253	rVB	1436985	2205204	1.33%	0.386%
36	14.695	2260	2265	2274	rVB	29580518	36578259	22.02%	6.409%
37	14.836	2282	2288	2298	rVB	29243706	38308709	23.06%	6.712%
38	15.268	2351	2359	2364	rBV	2148775	2988433	1.80%	0.524%
39	15.439	2382	2387	2390	rBV	1669070	2268001	1.37%	0.397%
40	15.543	2398	2404	2409	rBV	1456648	2279890	1.37%	0.399%
41	15.683	2420	2427	2431	rBV	2759680	4490440	2.70%	0.787%
42	15.909	2454	2464	2477	rBV2	743059	2190991	1.32%	0.384%
43	16.409	2538	2546	2556	rBV	2421458	4472482	2.69%	0.784%

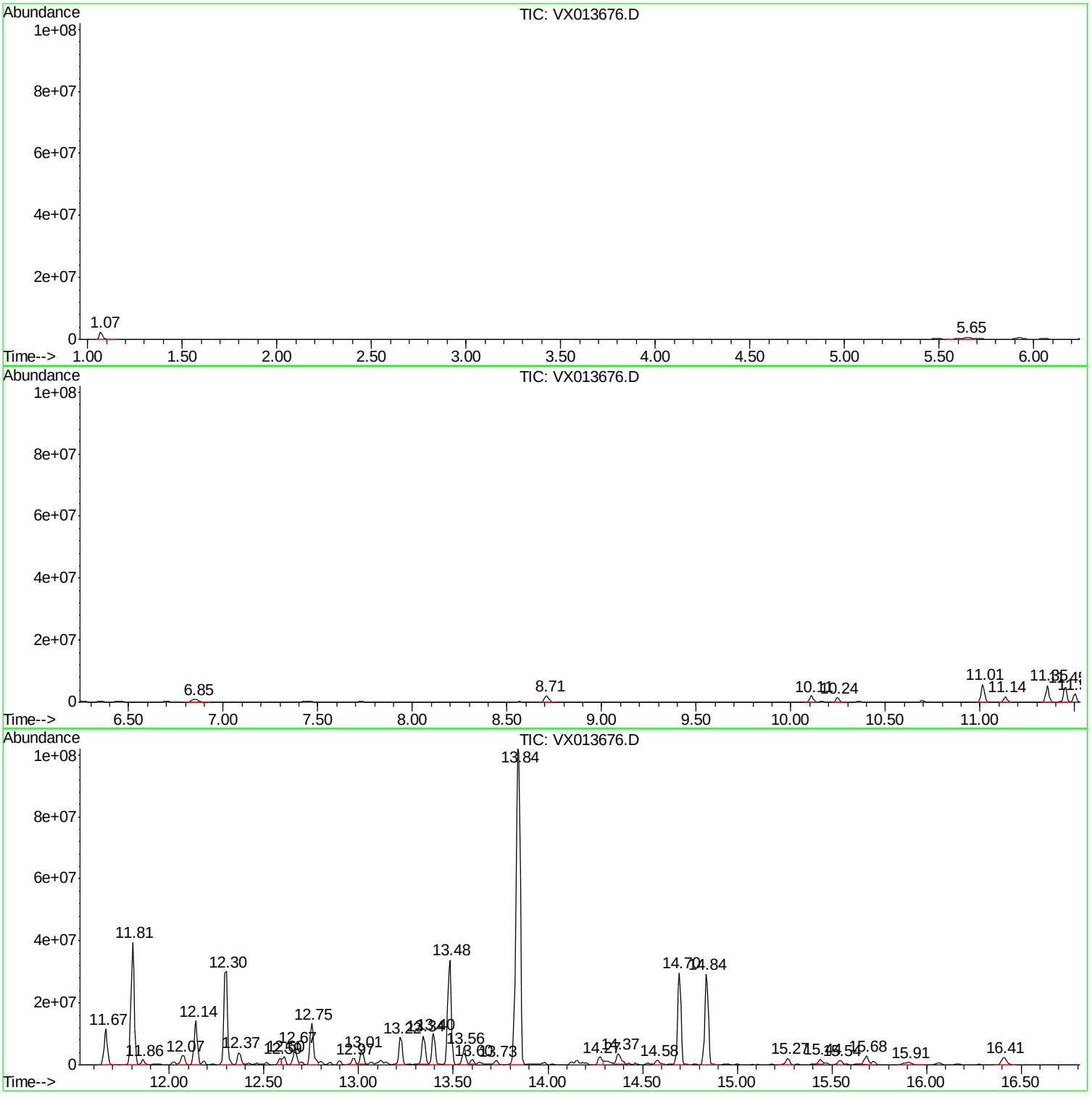
Sum of corrected areas: 570750719

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112719\
Data File : VX013676.D
Acq On : 28 Nov 2019 01:34
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-14

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112719\
Data File : VX013676.D
Acq On : 28 Nov 2019 01:34
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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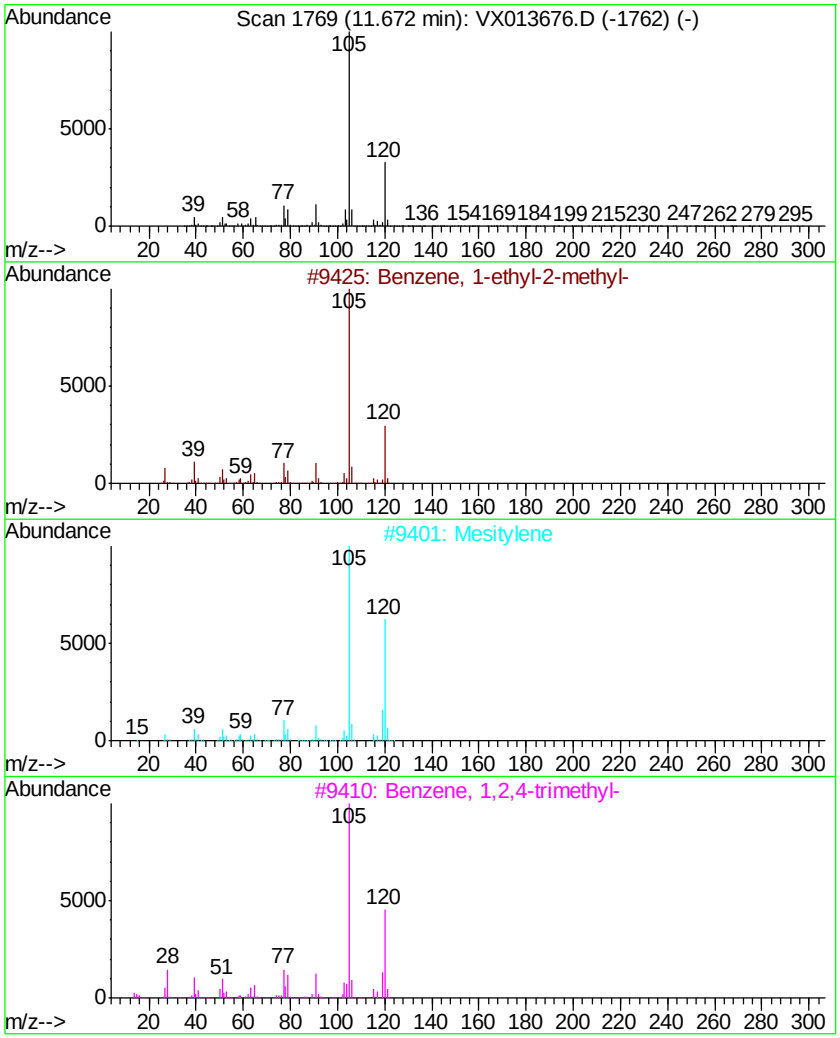
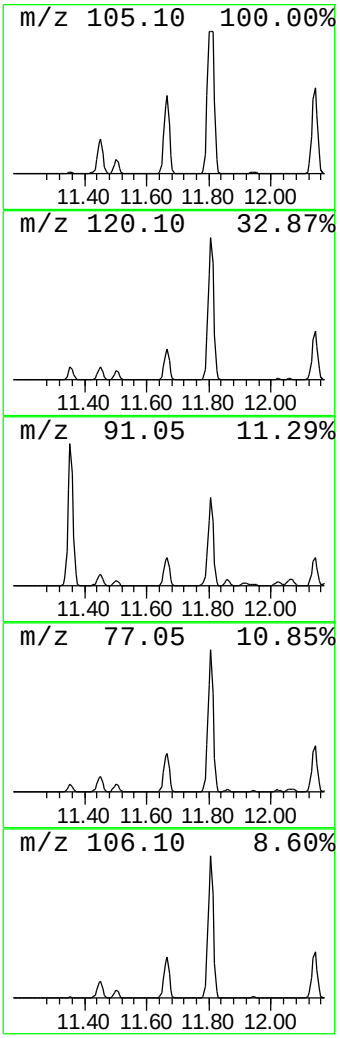
Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	157.38 ug/l	14202000	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	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112719\
Data File : VX013676.D
Acq On : 28 Nov 2019 01:34
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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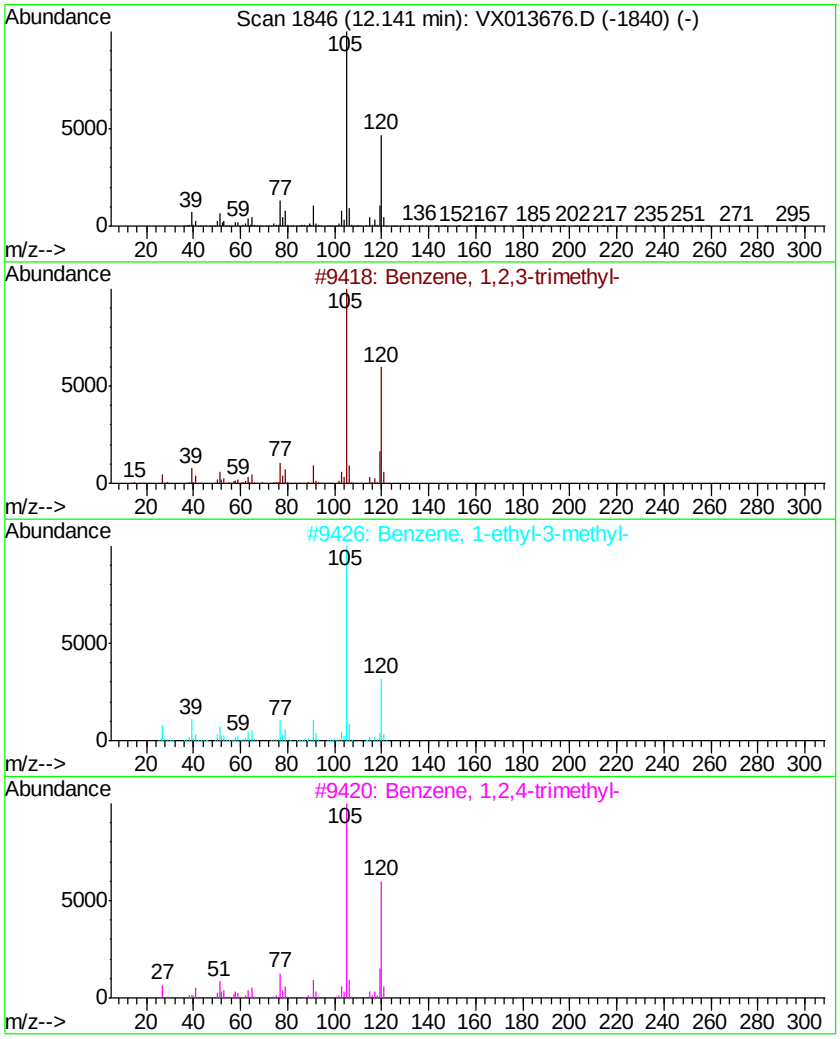
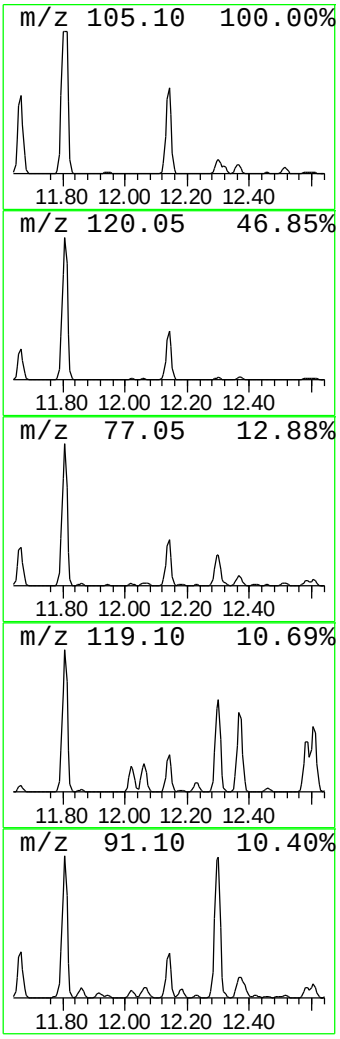
Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	193.65 ug/l	17474400	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-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
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\VX112719\
Data File : VX013676.D
Acq On : 28 Nov 2019 01:34
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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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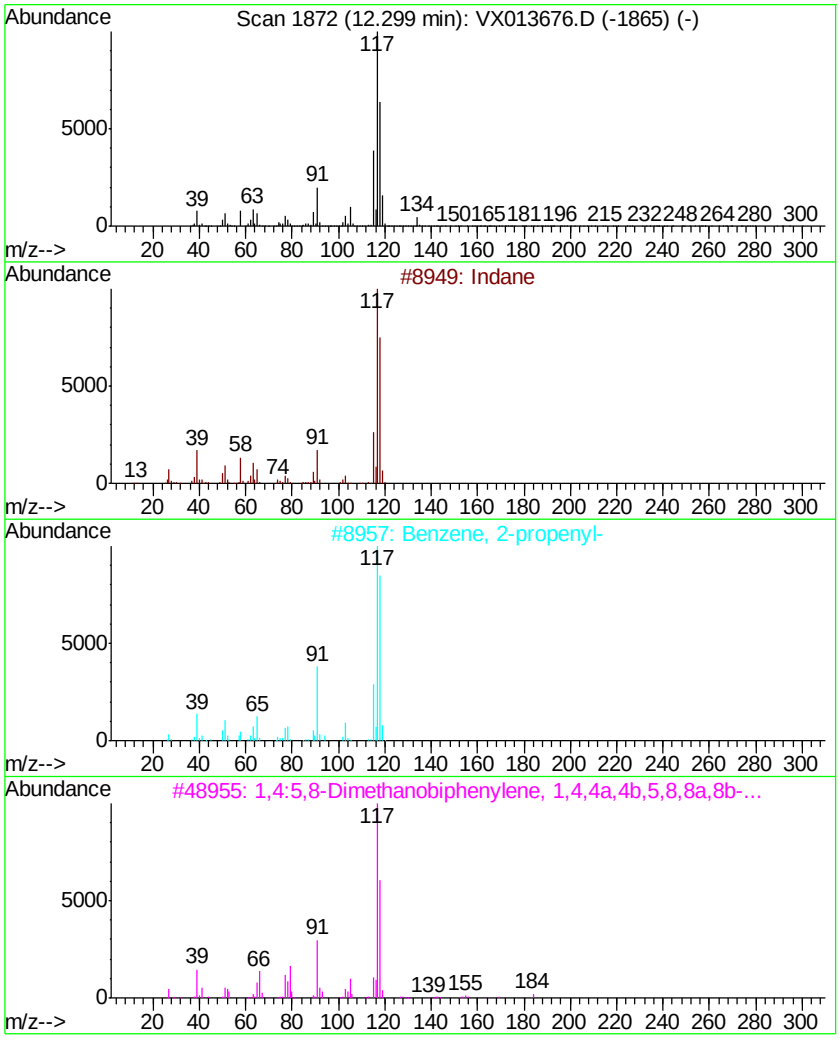
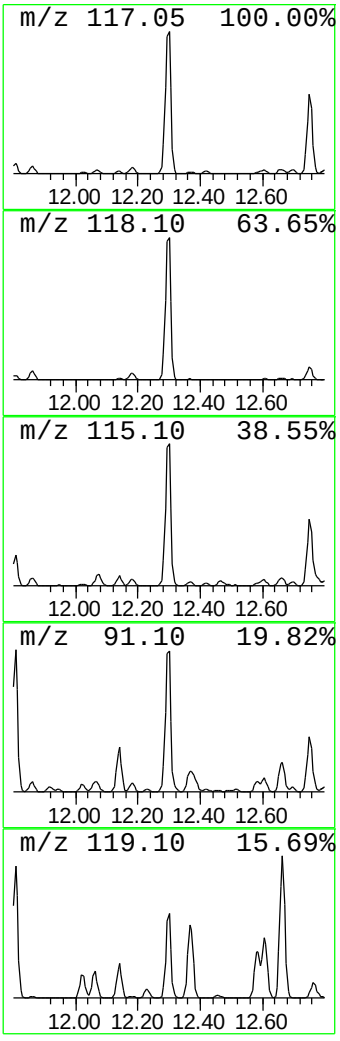
Peak Number 3 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	442.04 ug/l	39889100	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	70
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
3	1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	59
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112719\
Data File : VX013676.D
Acq On : 28 Nov 2019 01:34
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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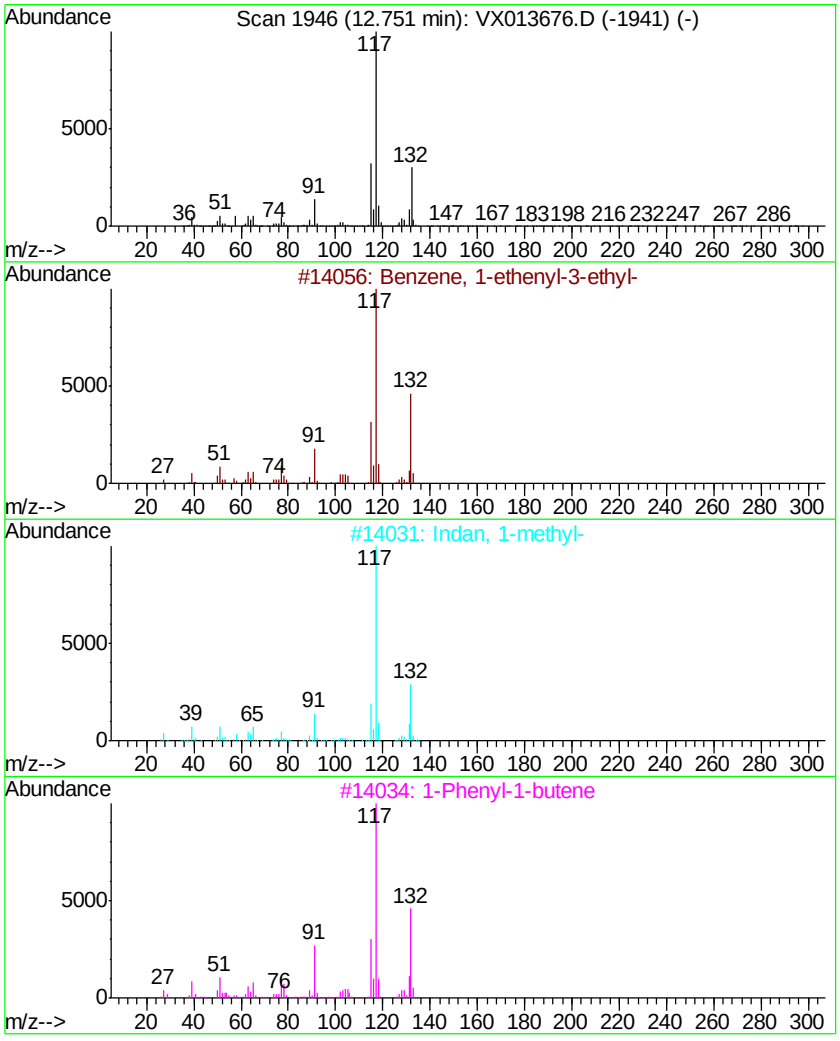
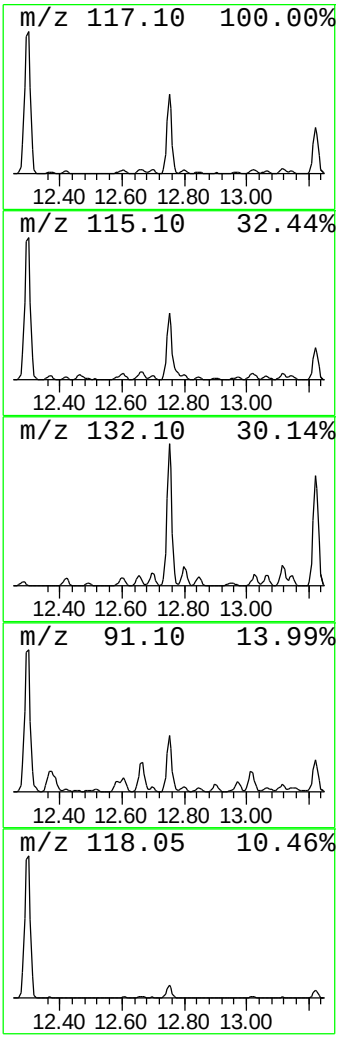
Peak Number 4 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	194.07 ug/l	17512400	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	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112719\
Data File : VX013676.D
Acq On : 28 Nov 2019 01:34
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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

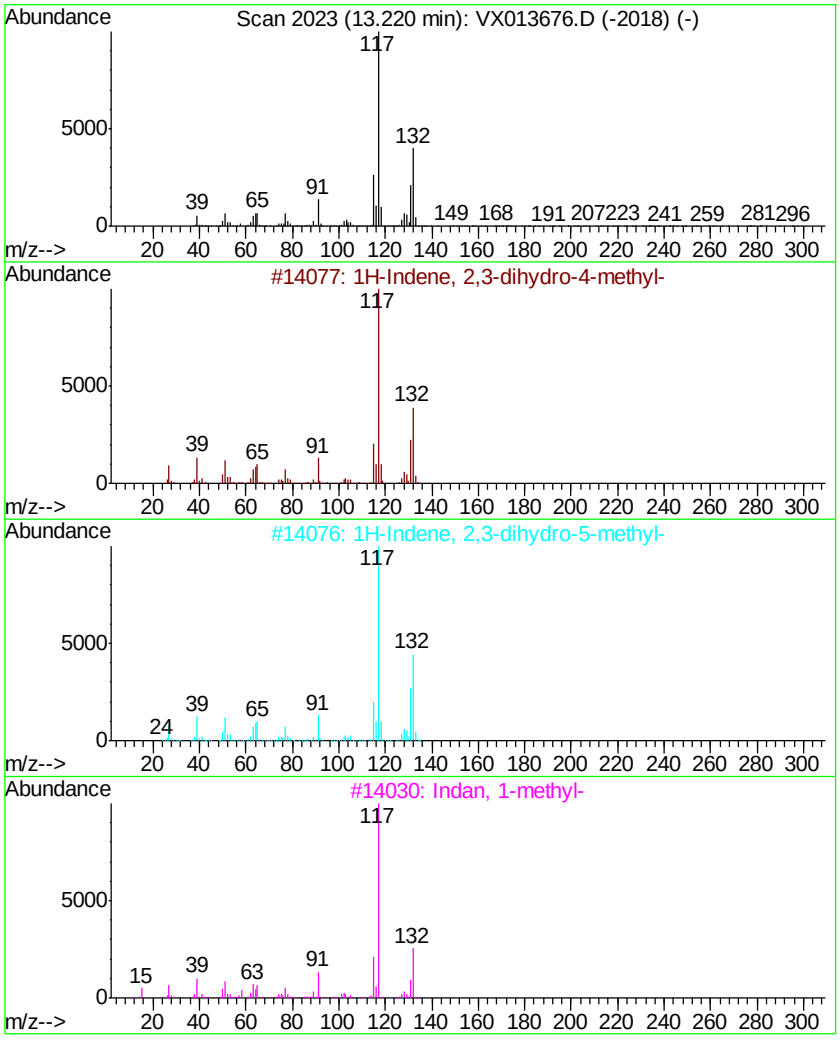
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

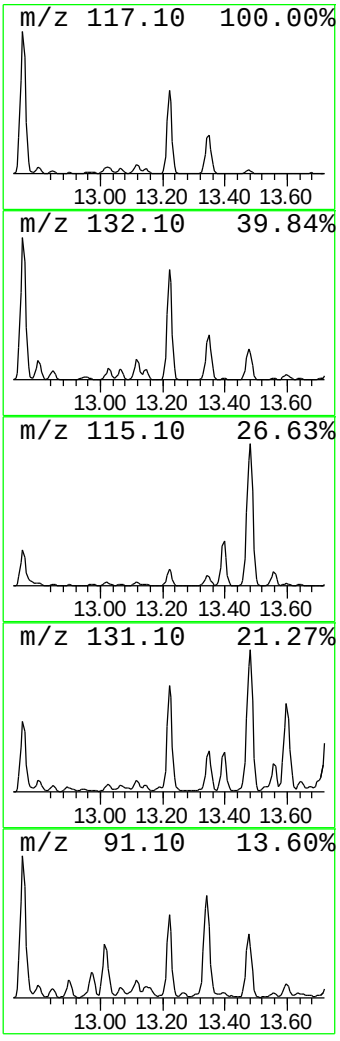
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	114.79 ug/l	10358200	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	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112719\
Data File : VX013676.D
Acq On : 28 Nov 2019 01:34
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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

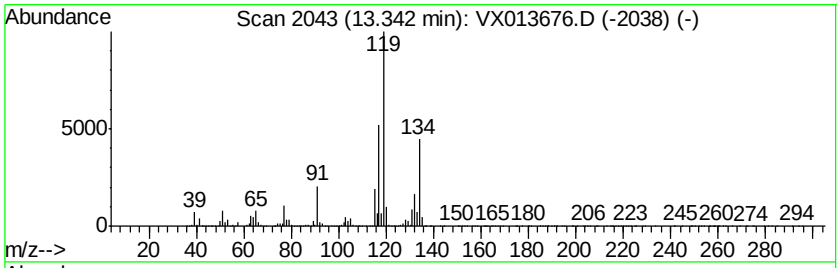
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

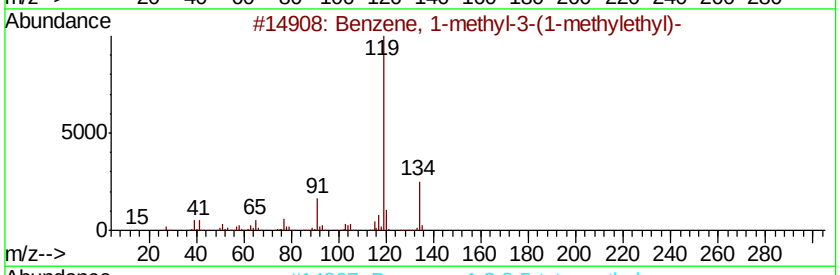
****

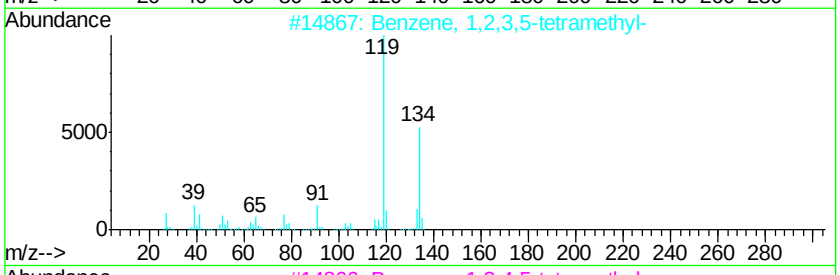
Peak Number 6 Benzene, 1-methyl-3-(1-meth... Concentration Rank 9

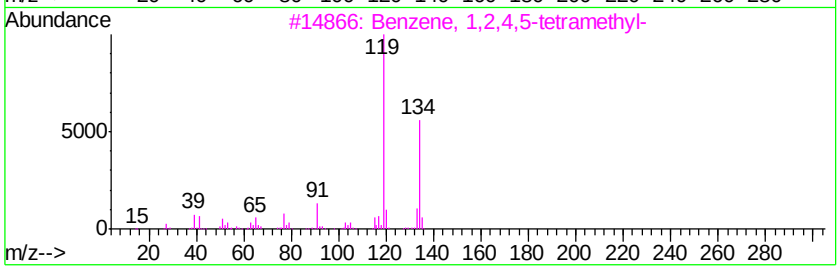
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	127.10 ug/l	11469200	1,4-Dichlorobenzene-d4	12.07

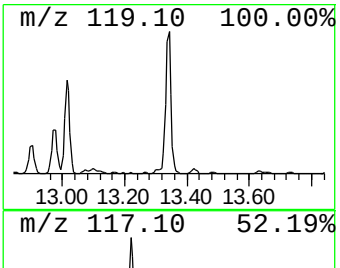
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
5	p-Cymene	134	C10H14	000099-87-6	58

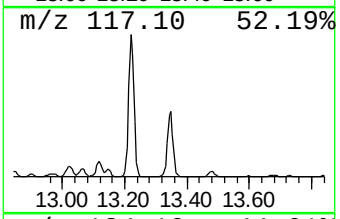


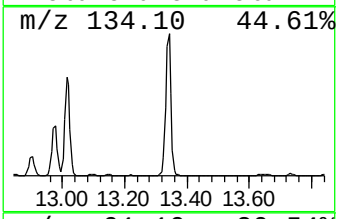


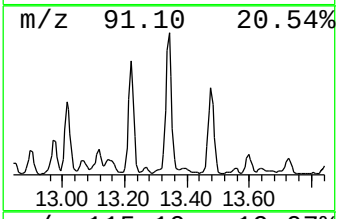


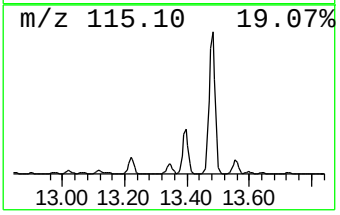












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112719\
Data File : VX013676.D
Acq On : 28 Nov 2019 01:34
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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

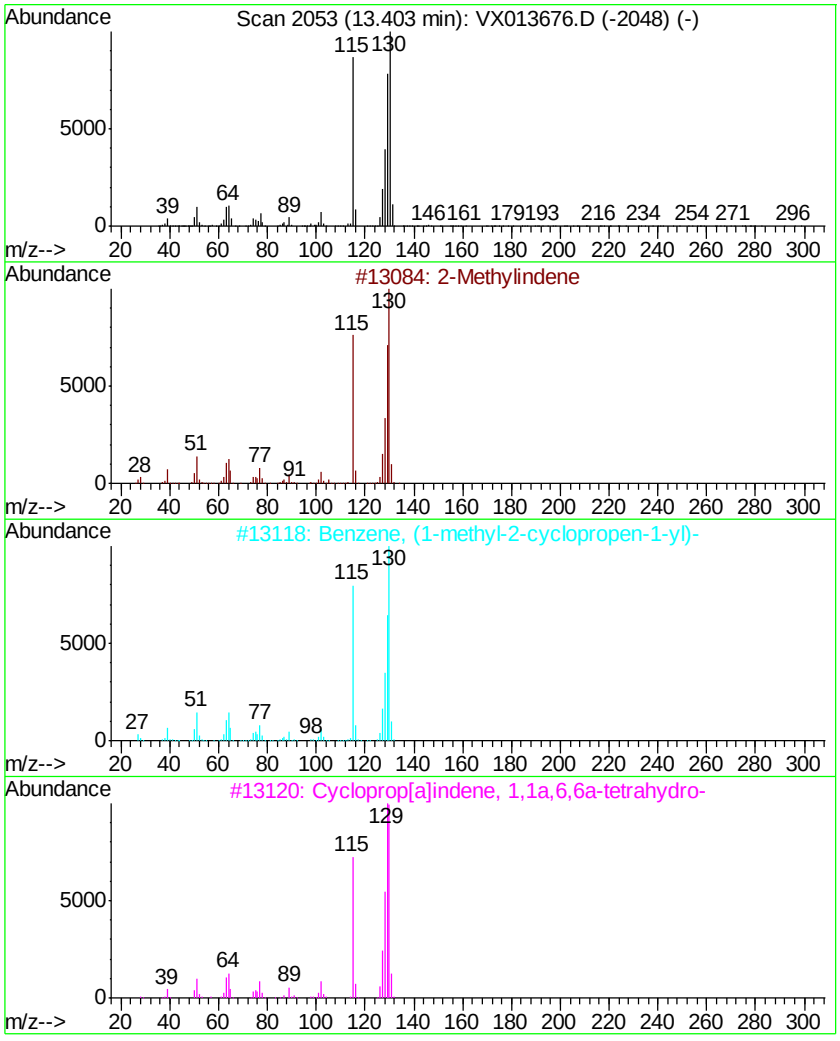
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

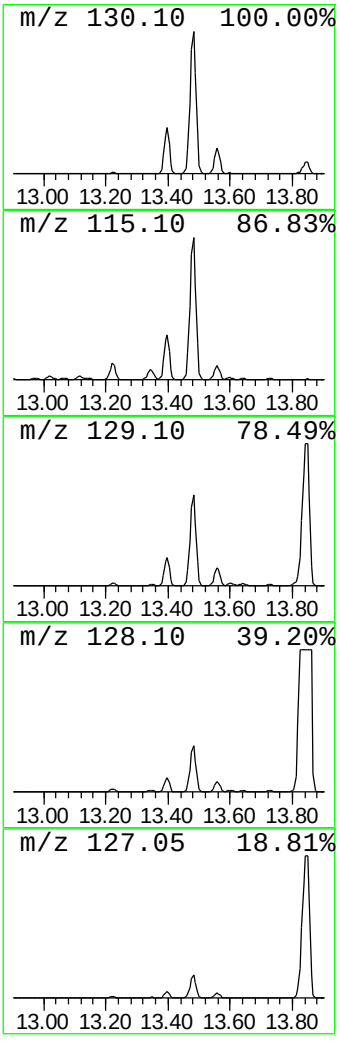
****

Peak Number 7 2-Methylindene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	133.05 ug/l	12006200	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	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93





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Data File : VX013676.D
Acq On : 28 Nov 2019 01:34
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

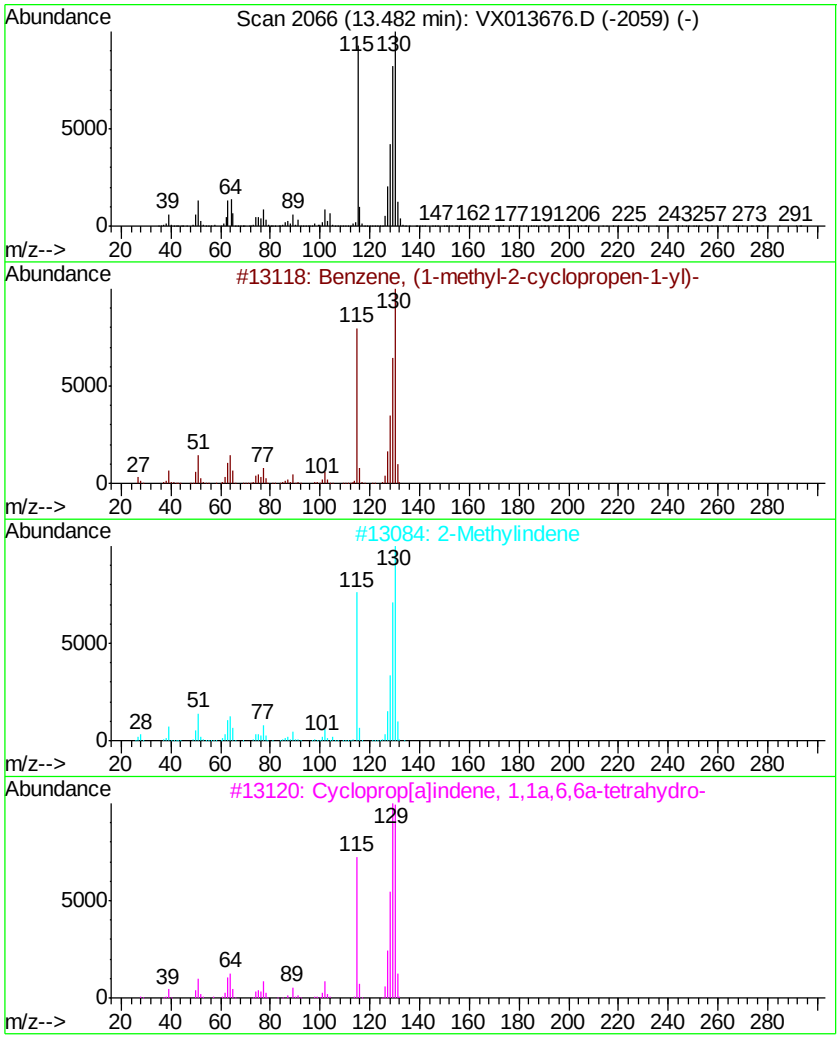
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

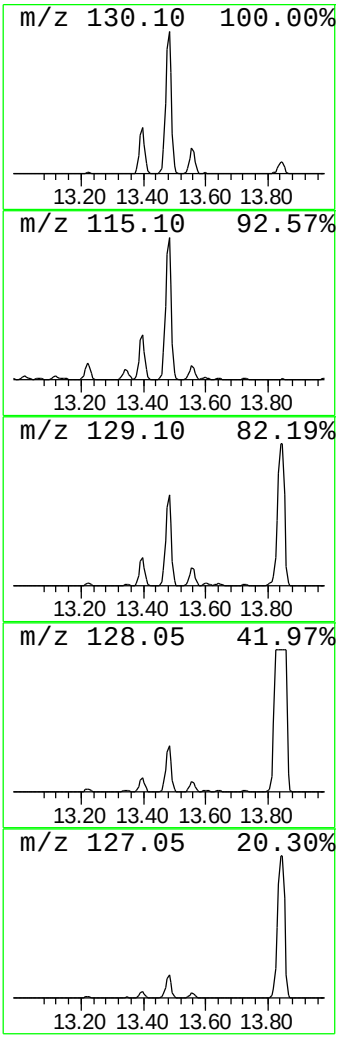
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	495.97 ug/l	44755700	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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112719\
Data File : VX013676.D
Acq On : 28 Nov 2019 01:34
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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

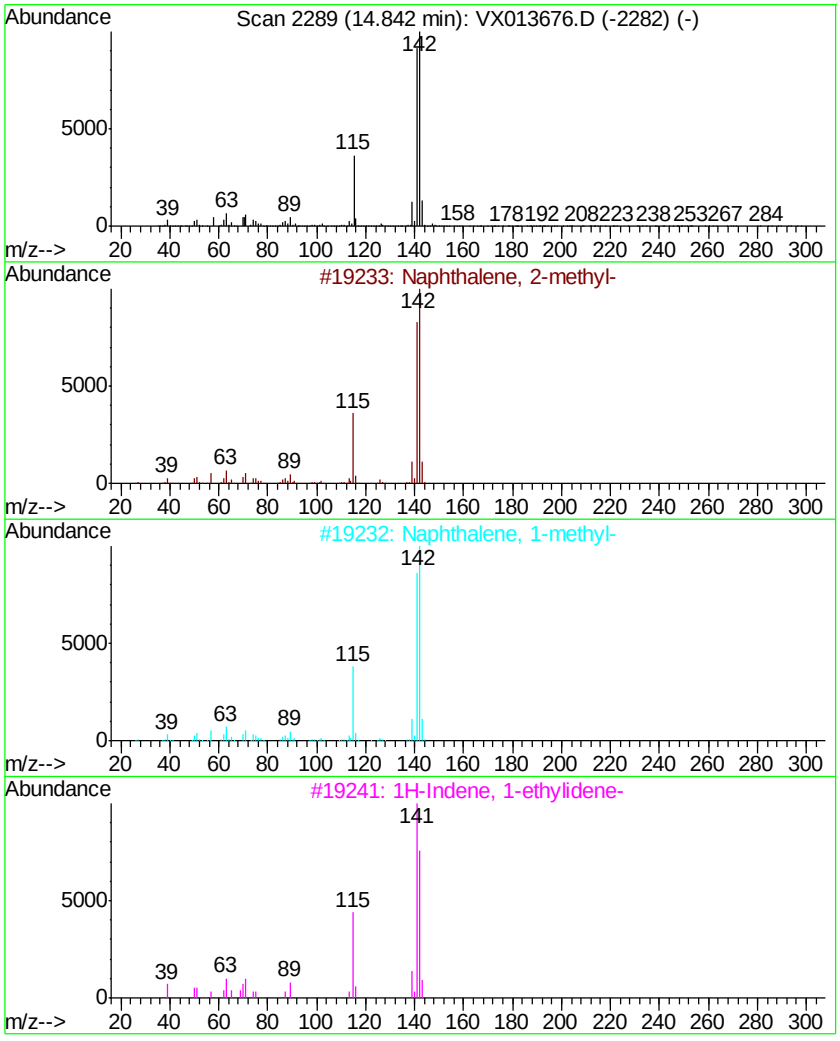
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

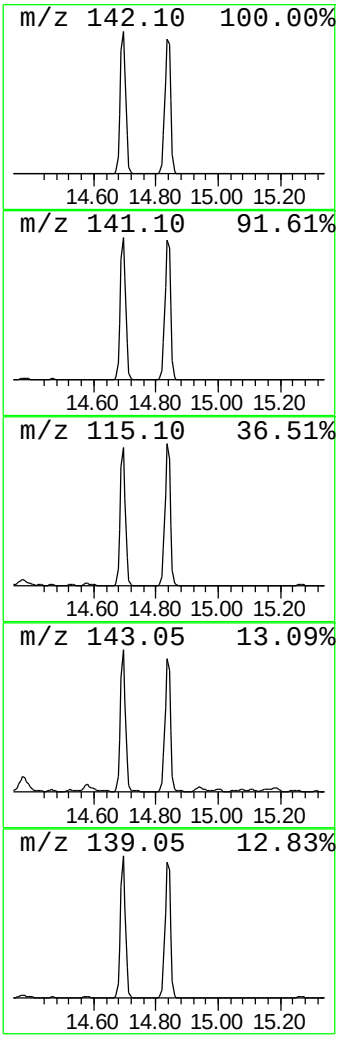
****

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	424.53 ug/l	38308700	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	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112719\
Data File : VX013676.D
Acq On : 28 Nov 2019 01:34
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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
Benzene, 1-ethyl-...	11.67	157.4	ug/l	14202000	4	12.07	4511950	50.0
Benzene, 1,2,3-tr...	12.14	193.7	ug/l	17474400	4	12.07	4511950	50.0
Indane	12.30	442.0	ug/l	39889100	4	12.07	4511950	50.0
Benzene, 1-etheny...	12.75	194.1	ug/l	17512400	4	12.07	4511950	50.0
1H-Indene, 2,3-di...	13.22	114.8	ug/l	10358200	4	12.07	4511950	50.0
Benzene, 1-methyl...	13.34	127.1	ug/l	11469200	4	12.07	4511950	50.0
2-Methylindene	13.40	133.1	ug/l	12006200	4	12.07	4511950	50.0
Benzene, (1-methy...	13.48	496.0	ug/l	44755700	4	12.07	4511950	50.0
Naphthalene, 1-me...	14.84	424.5	ug/l	38308700	4	12.07	4511950	50.0