LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
Data File : VX013726.D
Acq On : 03 Dec 2019 15:48
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 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	38	rBV	2190723	2552375	1.53%	0.453%
2	5.655	764	782	789	rBV2	644709	2351232	1.41%	0.417%
3	6.849	968	978	995	rBV	1018784	2382792	1.43%	0.422%
4	8.709	1277	1283	1291	rVB	2091192	3239644	1.94%	0.574%
5	10.111	1507	1513	1517	rBV	2063270	2794079	1.67%	0.495%
6	10.245	1531	1535	1546	rVB	1262331	1719591	1.03%	0.305%
7	11.013	1656	1661	1666	rBV	5830985	7061164	4.23%	1.252%
8	11.135	1675	1681	1686	rBV	1753647	2304101	1.38%	0.409%
9	11.355	1712	1717	1722	rBV	5199522	6107487	3.66%	1.083%
10	11.452	1723	1733	1737	rBV	4541711	5750254	3.45%	1.020%
11	11.501	1737	1741	1748	rVB	2432349	2905480	1.74%	0.515%
12	11.666	1760	1768	1779	rVB	11400755	14061165	8.43%	2.493%
13	11.806	1779	1791	1796	rBV	38824937	48334889	28.97%	8.570%
14	11.861	1796	1800	1805	rVB	1558884	1820907	1.09%	0.323%
15	12.074	1830	1835	1840	rVB2	2950351	4586585	2.75%	0.813%
16	12.141	1840	1846	1850	rBV	13955884	17240297	10.33%	3.057%
17	12.294	1865	1871	1879	rBV	30475088	40263973	24.14%	7.139%
18	12.367	1879	1883	1888	rBV2	3798805	5021077	3.01%	0.890%
19	12.586	1914	1919	1920	rBV	2024207	2594963	1.56%	0.460%
20	12.605	1920	1922	1927	rVB	2573208	2924838	1.75%	0.519%
21	12.665	1927	1932	1935	rBV	5699775	7001733	4.20%	1.241%
22	12.751	1941	1946	1952	rBV	12693768	17188458	10.30%	3.048%
23	12.976	1975	1983	1986	rBV	1977770	2655500	1.59%	0.471%
24	13.013	1986	1989	1994	rVB	4107411	5342314	3.20%	0.947%
25	13.220	2018	2023	2028	rVB	8318716	10107760	6.06%	1.792%
26	13.342	2038	2043	2048	rBV2	8731950	11224596	6.73%	1.990%
27	13.397	2048	2052	2059	rVB	9661503	11466854	6.87%	2.033%
28	13.482	2060	2066	2071	rVB	33493955	43218439	25.91%	7.663%
29	13.556	2071	2078	2082	rBV	5428996	6512917	3.90%	1.155%
30	13.598	2082	2085	2089	rVB	1300046	1670936	1.00%	0.296%
31	13.726	2100	2106	2111	rVB2	1204842	1872888	1.12%	0.332%
32	13.848	2115	2126	2130	rBV2	103265101	166816721	100.00%	29.579%
33	14.275	2191	2196	2200	rBV2	2344284	3877550	2.32%	0.688%
34	14.373	2207	2212	2219	rVB	3081922	5370349	3.22%	0.952%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
Data File : VX013726.D
Acq On : 03 Dec 2019 15:48
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 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	1354019	2084027	1.25%	0.370%
36	14.696	2260	2265	2274	rVB	28872012	35888741	21.51%	6.363%
37	14.836	2282	2288	2298	rVB	28280102	37563722	22.52%	6.660%
38	15.269	2350	2359	2364	rBV	2033349	2842593	1.70%	0.504%
39	15.439	2382	2387	2391	rBV	1622369	2337560	1.40%	0.414%
40	15.543	2398	2404	2409	rBV	1418286	2189114	1.31%	0.388%
41	15.683	2420	2427	2431	rBV	2658494	4334383	2.60%	0.769%
42	15.909	2454	2464	2477	rBV	713695	2099044	1.26%	0.372%
43	16.409	2538	2546	2555	rBV	2295814	4295551	2.58%	0.762%

Sum of corrected areas: 563978643

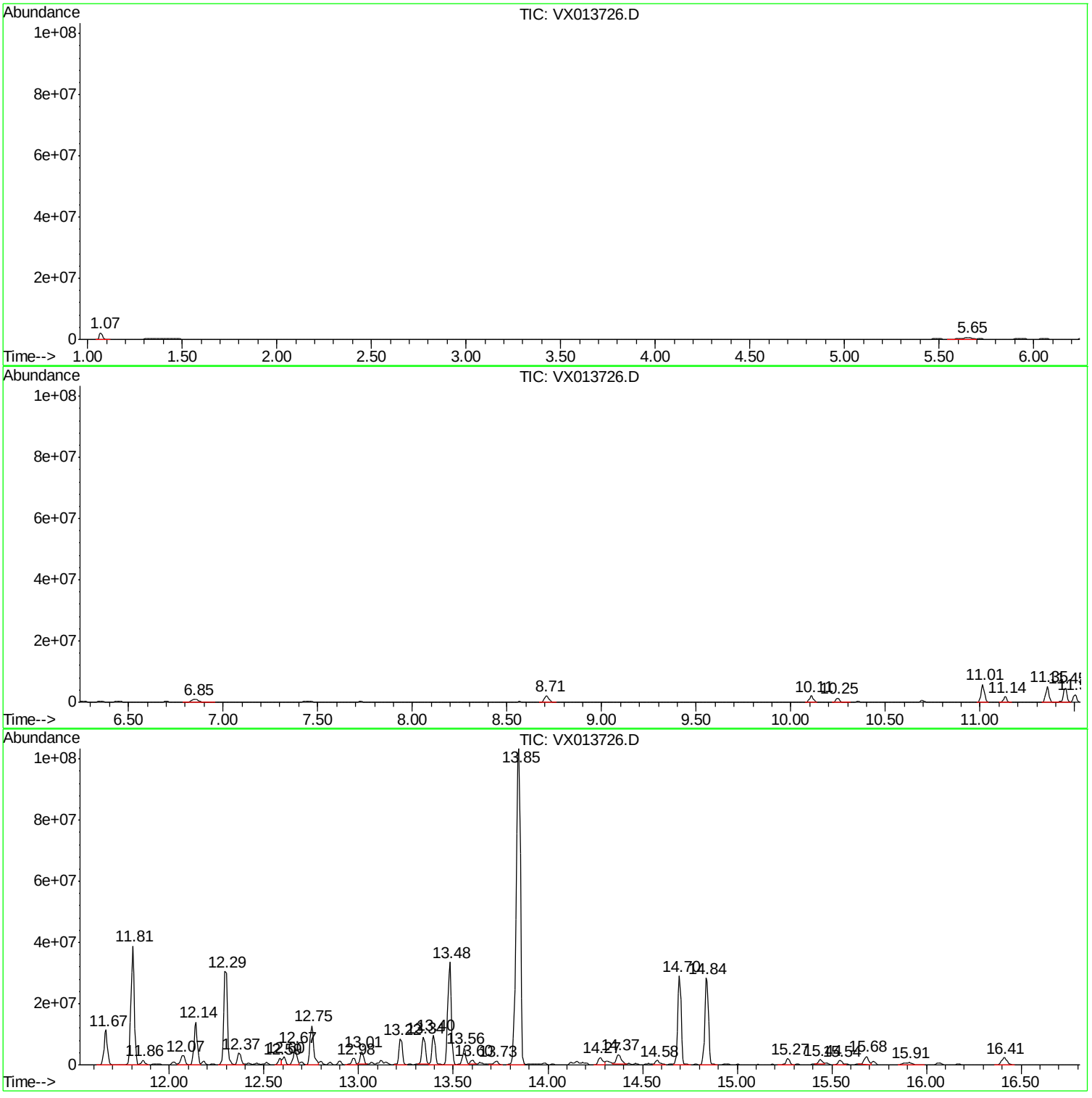
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
Data File : VX013726.D
Acq On : 03 Dec 2019 15:48
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 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\VX120319\
Data File : VX013726.D
Acq On : 03 Dec 2019 15:48
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 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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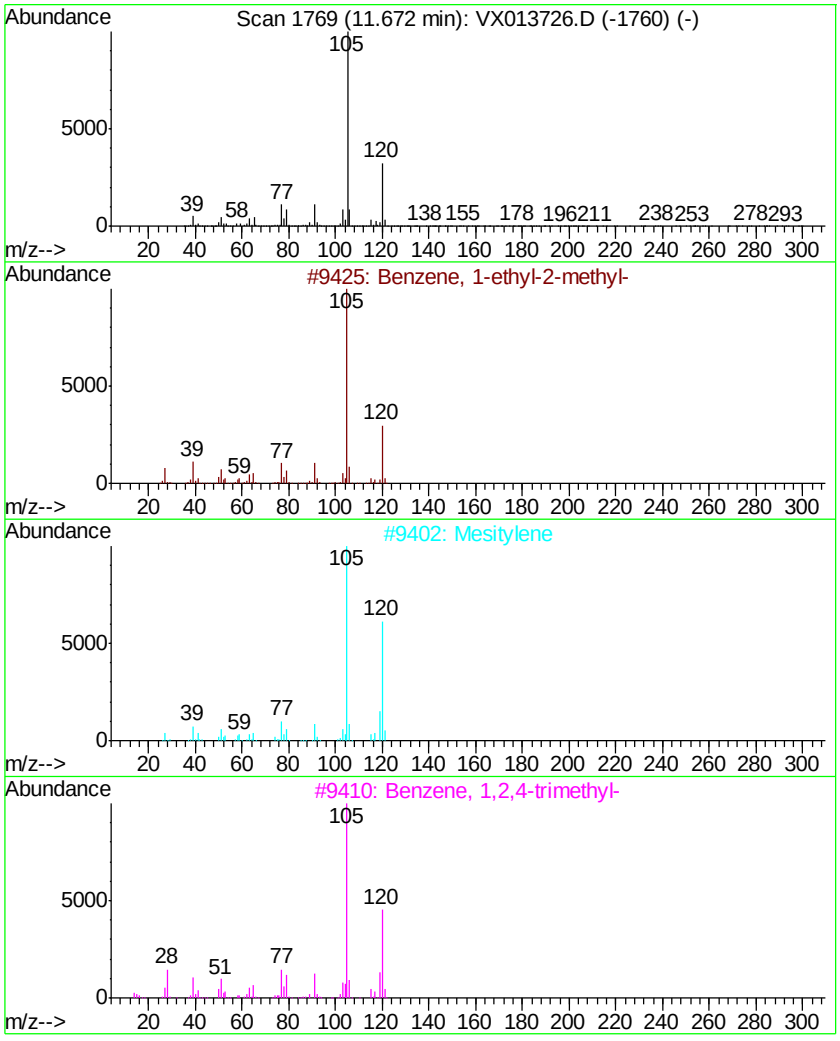
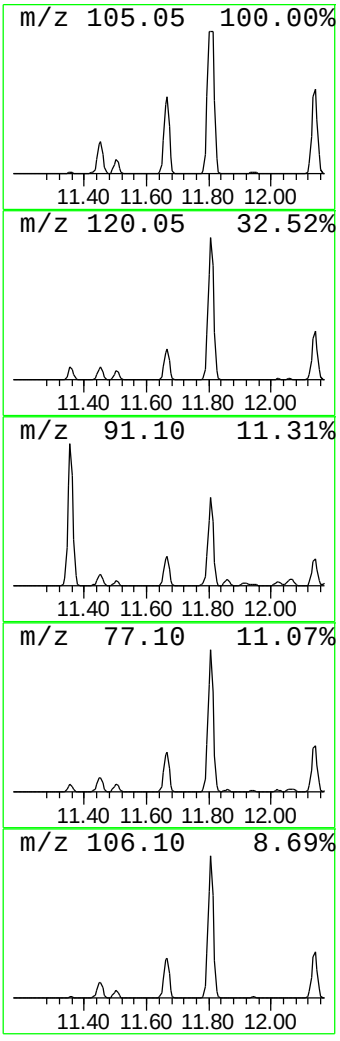
Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	153.29 ug/l	14061200	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-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120319\
Data File : VX013726.D
Acq On : 03 Dec 2019 15:48
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 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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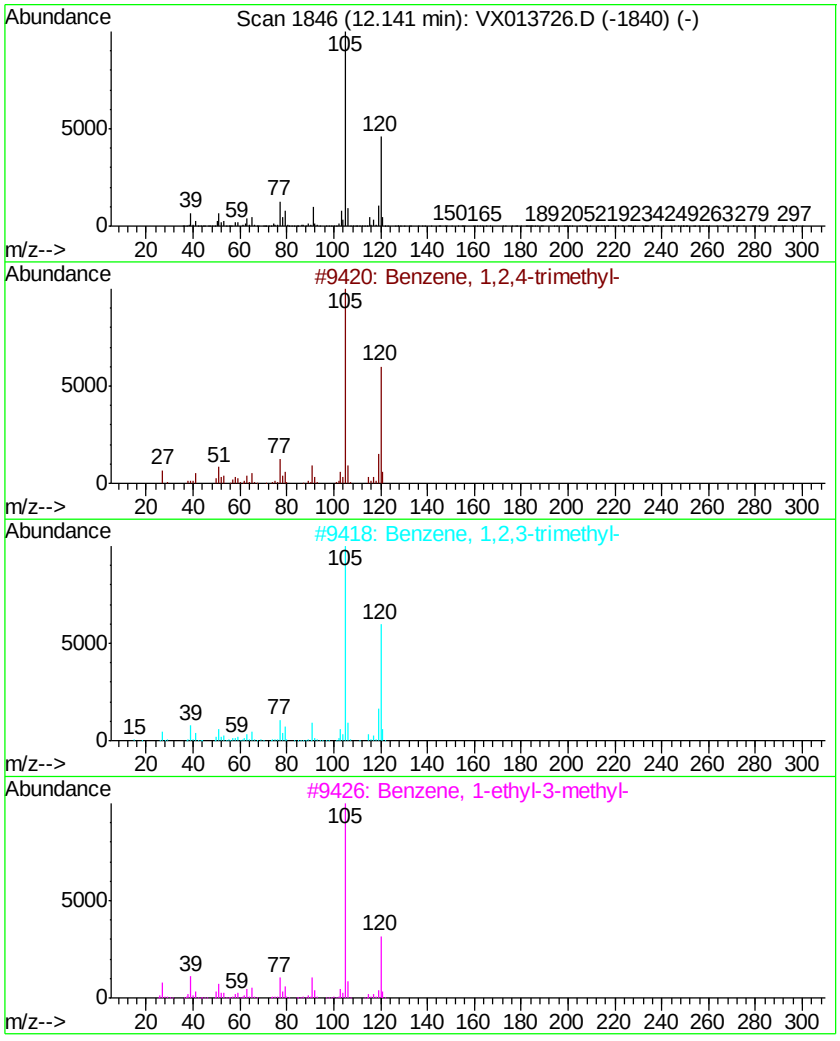
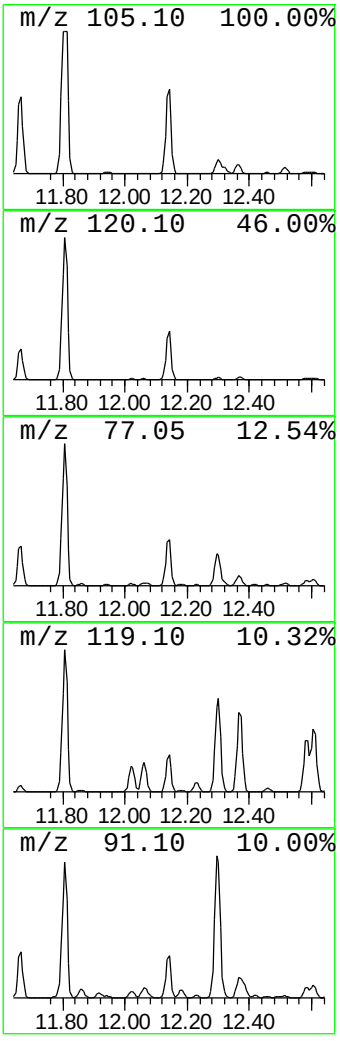
Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	187.94 ug/l	17240300	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
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\VX120319\
Data File : VX013726.D
Acq On : 03 Dec 2019 15:48
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 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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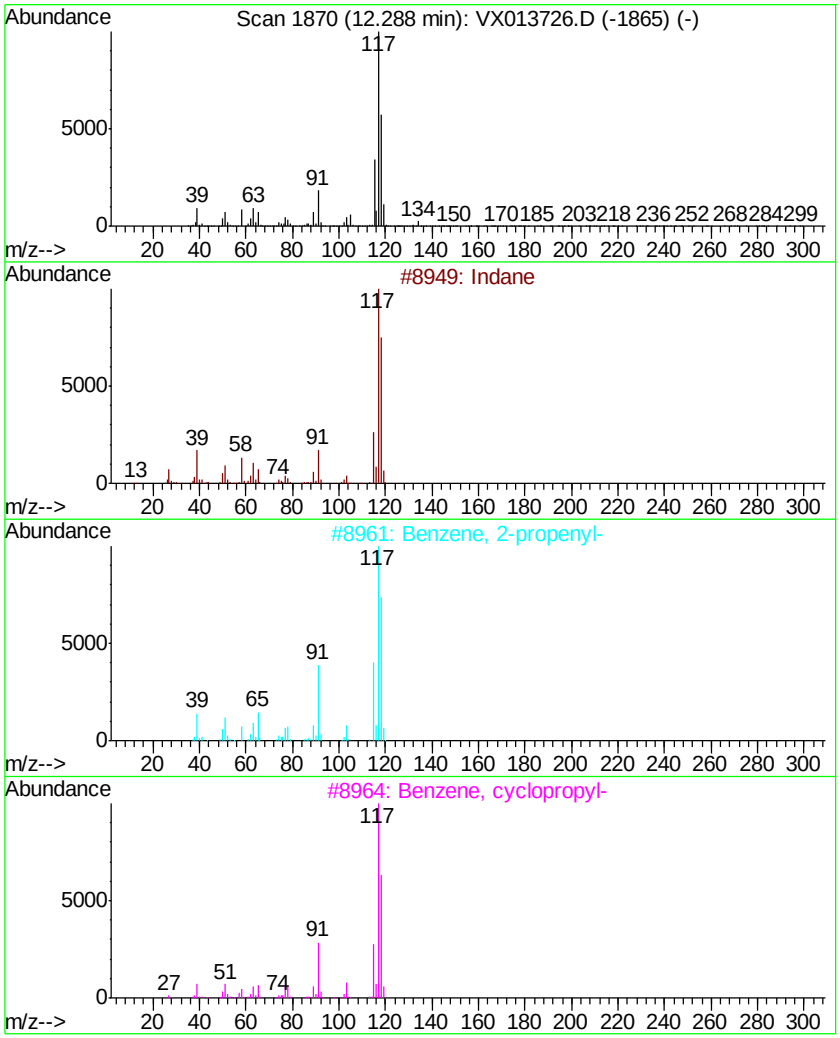
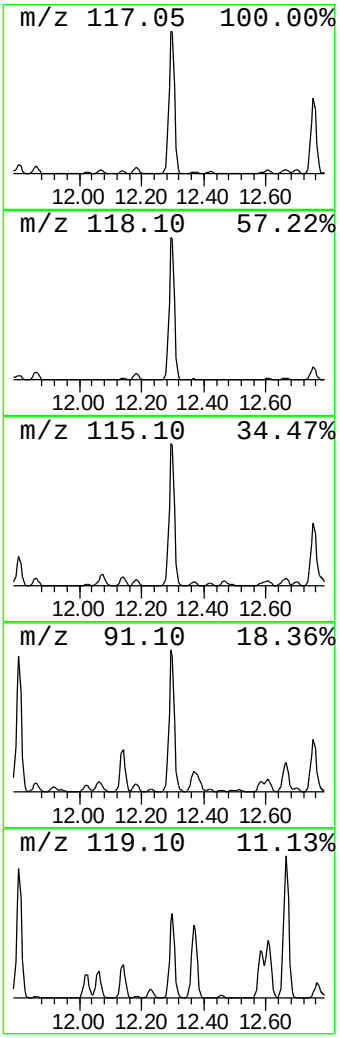
Peak Number 3 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	438.93 ug/l	40264000	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
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\VX120319\
Data File : VX013726.D
Acq On : 03 Dec 2019 15:48
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 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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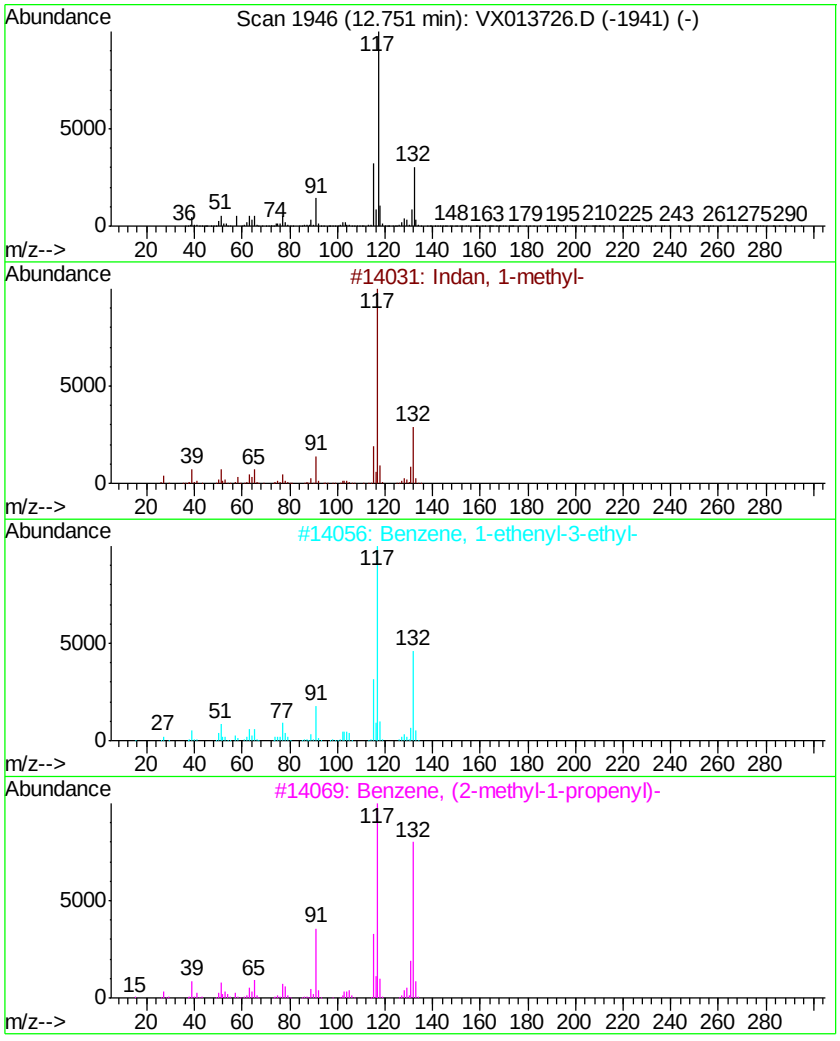
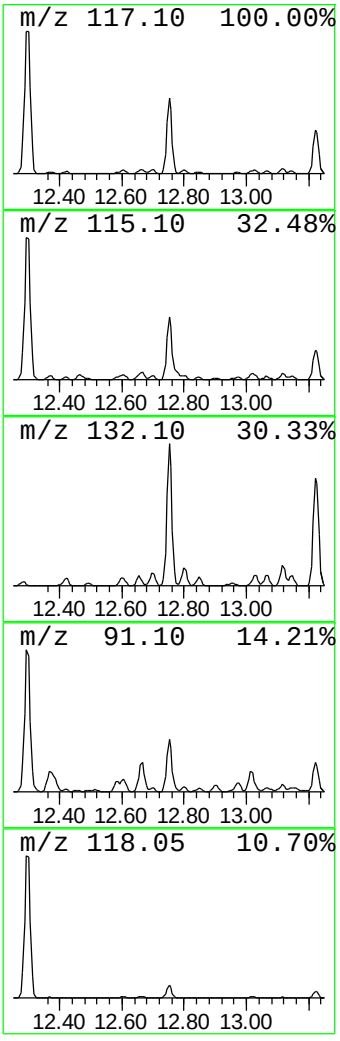
Peak Number 4 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	187.38 ug/l	17188500	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
Data File : VX013726.D
Acq On : 03 Dec 2019 15:48
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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

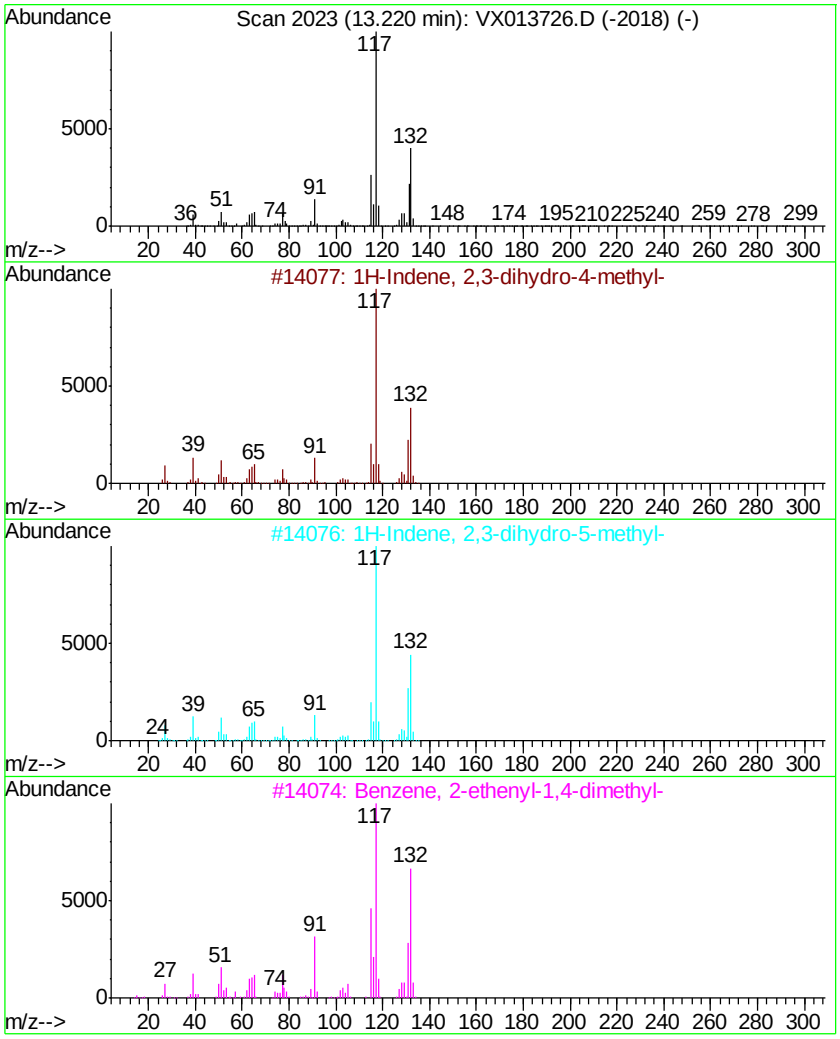
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

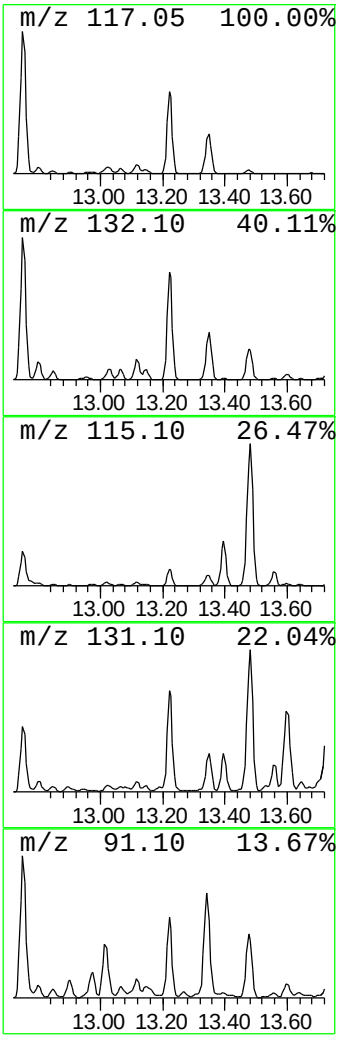
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	110.19 ug/l	10107800	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	92
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120319\
Data File : VX013726.D
Acq On : 03 Dec 2019 15:48
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 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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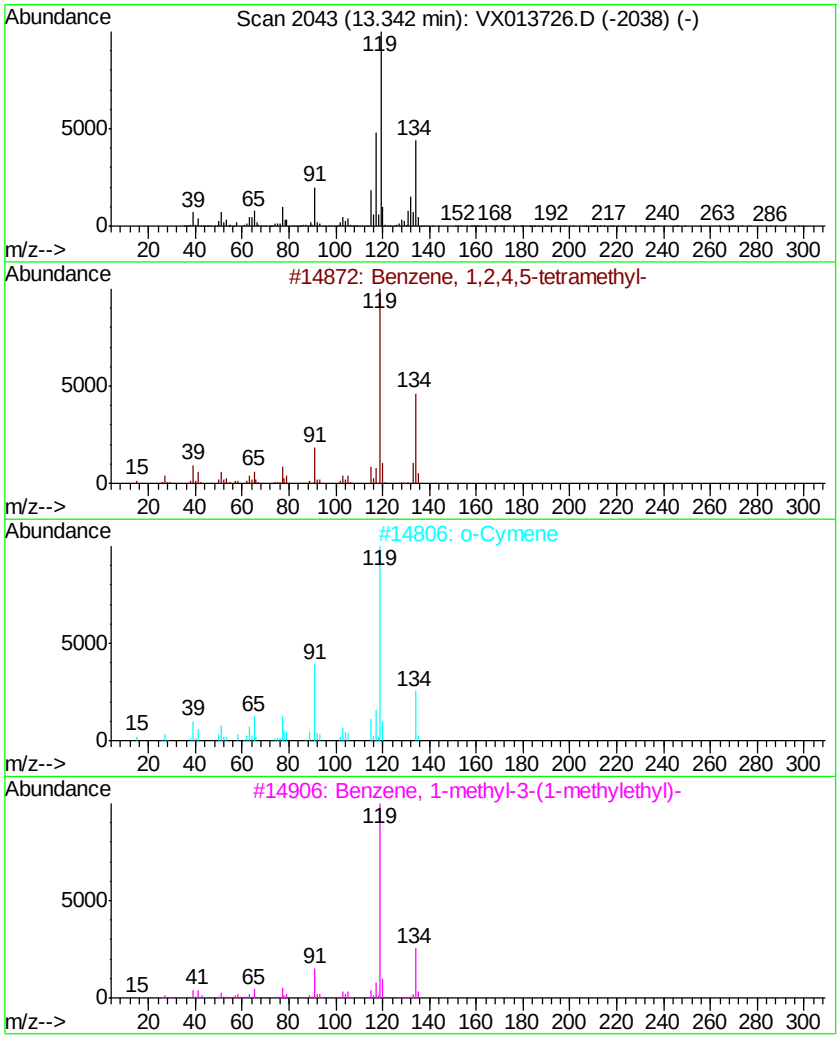
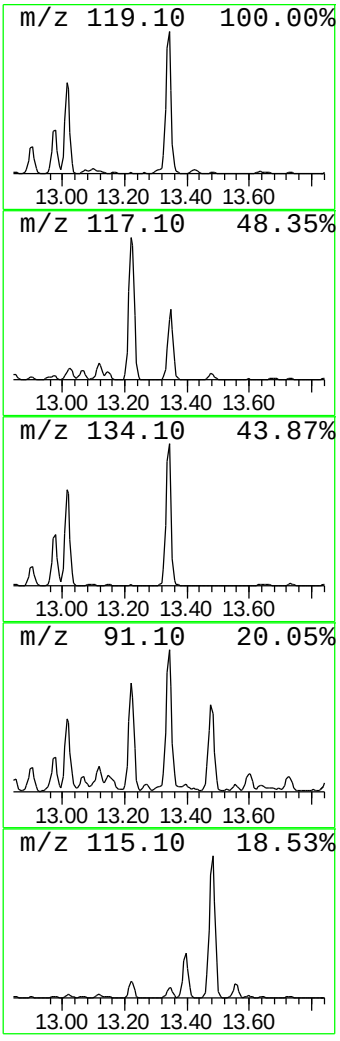
Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	122.36 ug/l	11224600	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	70
2	o-Cymene	134	C10H14	000527-84-4	70
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120319\
Data File : VX013726.D
Acq On : 03 Dec 2019 15:48
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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

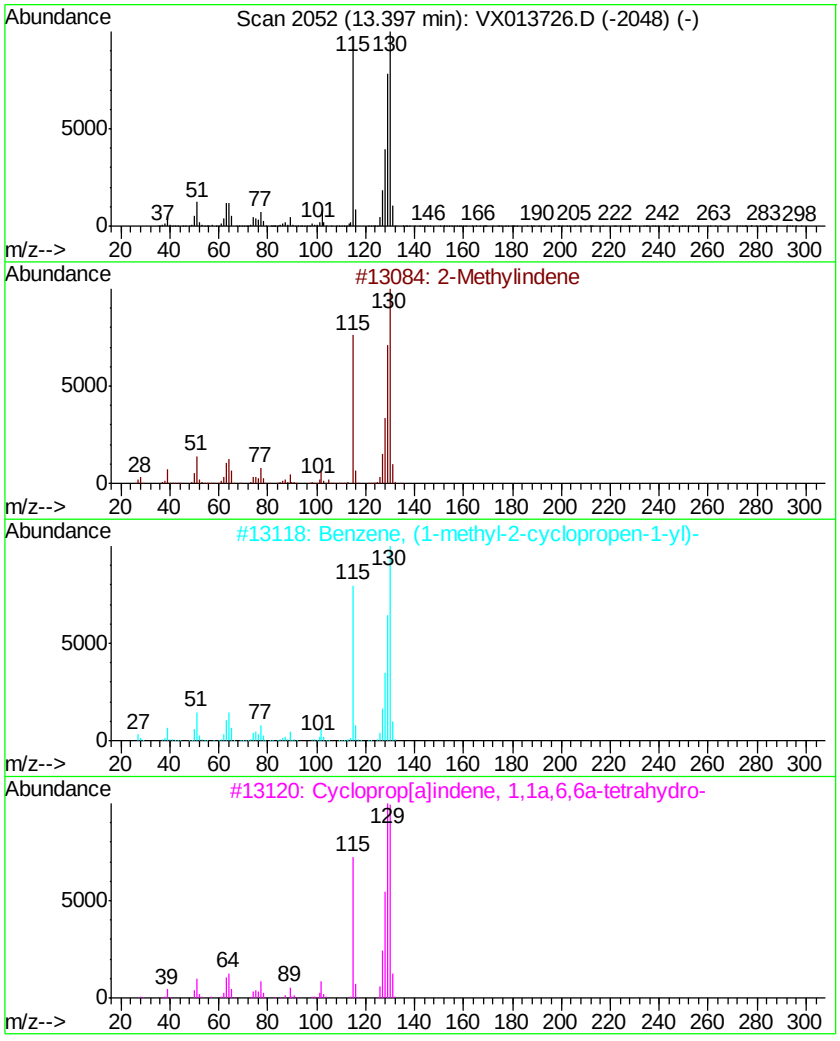
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

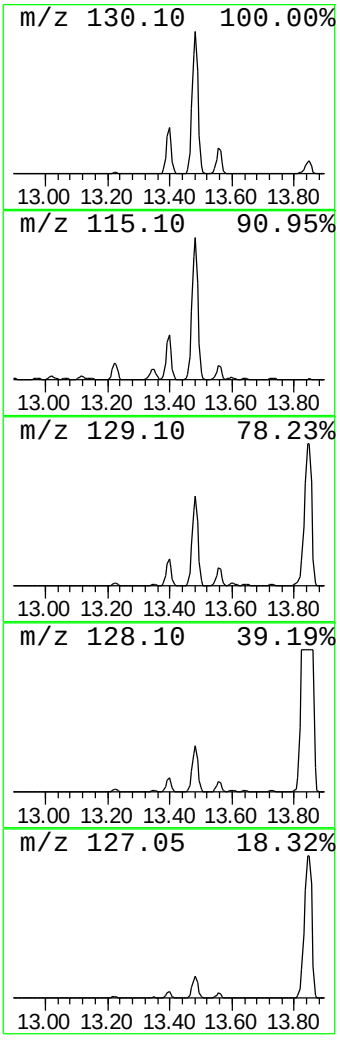
****

Peak Number 7 2-Methylindene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	125.00 ug/l	11466900	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	97
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-butynyl-	130	C10H10	000622-76-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120319\
Data File : VX013726.D
Acq On : 03 Dec 2019 15:48
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14

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

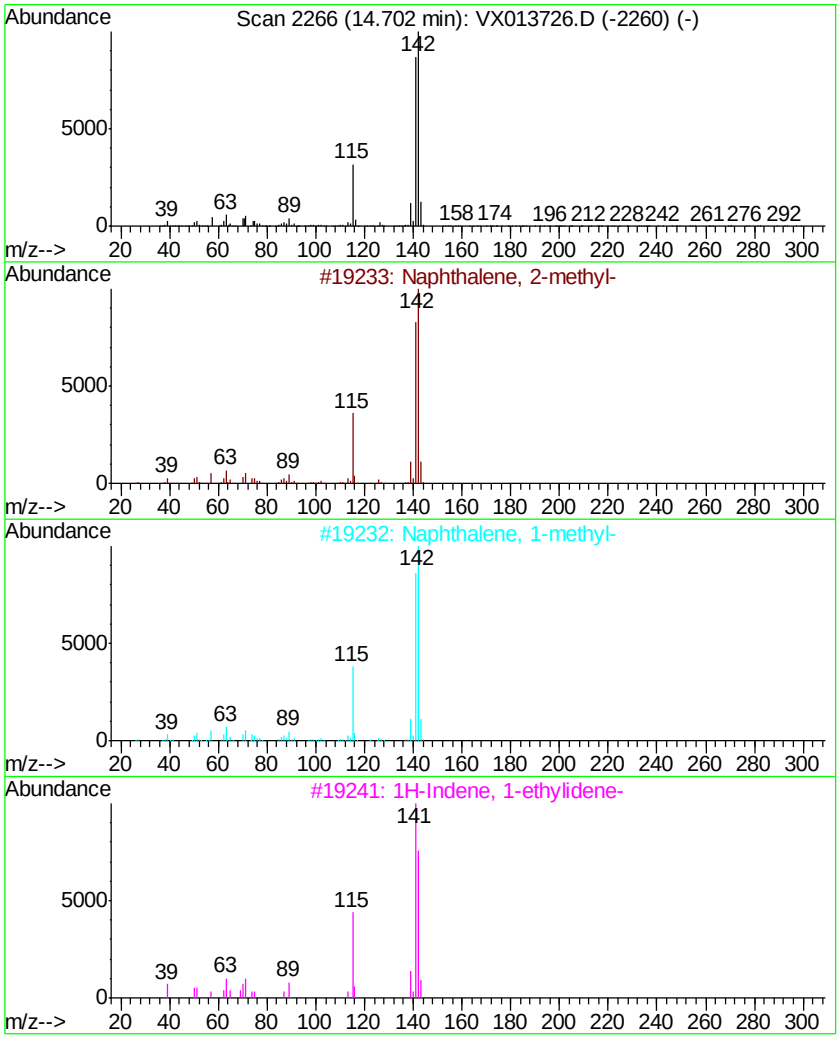
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

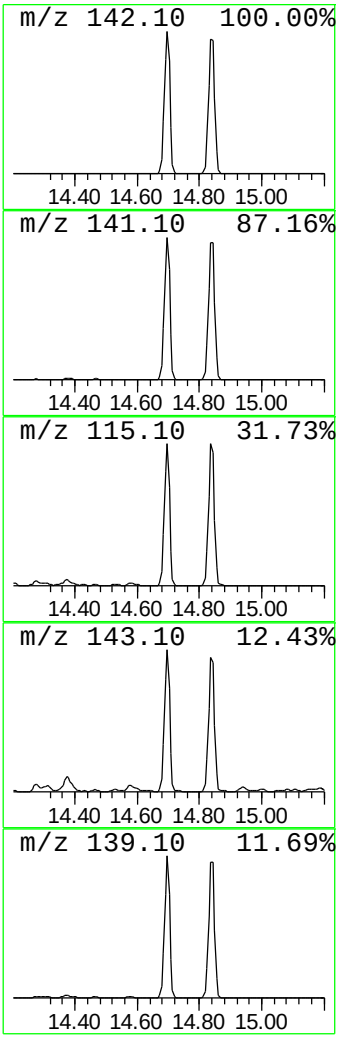
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	391.24 ug/l	35888700	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\VX120319\
Data File : VX013726.D
Acq On : 03 Dec 2019 15:48
Operator : JC/SP
Sample : K6027-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 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	153.3	ug/l	14061200	4	12.07	4586590	50.0
Benzene, 1,2,4-tr...	12.14	187.9	ug/l	17240300	4	12.07	4586590	50.0
Indane	12.29	438.9	ug/l	40264000	4	12.07	4586590	50.0
Indan, 1-methyl-	12.75	187.4	ug/l	17188500	4	12.07	4586590	50.0
1H-Indene, 2,3-di...	13.22	110.2	ug/l	10107800	4	12.07	4586590	50.0
Benzene, 1,2,4,5-...	13.34	122.4	ug/l	11224600	4	12.07	4586590	50.0
2-Methylindene	13.40	125.0	ug/l	11466900	4	12.07	4586590	50.0
Naphthalene, 1-me...	14.70	391.2	ug/l	35888700	4	12.07	4586590	50.0