LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043019\
Data File : VX009247.D
Acq On : 30 Apr 2019 15:41
Operator : JC/SP
Sample : K2617-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SUMP-PIT

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\82X042919W.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	2.440	204	211	225	rVB	40096	70539	1.72%	0.264%
2	3.044	300	310	321	rBV2	23585	53854	1.31%	0.202%
3	4.677	570	578	589	rBV2	16487	47313	1.15%	0.177%
4	4.921	609	618	630	rVB3	15232	46827	1.14%	0.175%
5	5.500	700	713	723	rBV	112385	327788	7.97%	1.228%
6	5.659	728	739	755	rVB	206462	591643	14.39%	2.217%
7	6.061	794	805	813	rBV	140094	375446	9.13%	1.407%
8	6.141	813	818	828	rVB2	36340	94779	2.31%	0.355%
9	6.860	925	936	948	rBV	336046	793494	19.30%	2.973%
10	8.713	1234	1240	1246	rBV	699076	1089880	26.51%	4.084%
11	8.787	1246	1252	1265	rVB	1871172	2974402	72.36%	11.145%
12	10.109	1464	1469	1482	rVB	650566	892589	21.71%	3.345%
13	10.250	1487	1492	1503	rBV	729896	949376	23.09%	3.557%
14	10.359	1503	1510	1516	rBV	3014251	4110748	100.00%	15.403%
15	10.695	1560	1565	1575	rVB	1741222	2296147	55.86%	8.604%
16	11.018	1612	1618	1624	rVB	53413	73477	1.79%	0.275%
17	11.134	1632	1637	1648	rBV	534012	706346	17.18%	2.647%
18	11.359	1666	1674	1681	rBV	188440	239166	5.82%	0.896%
19	11.432	1681	1686	1694	rVV	902223	1551887	37.75%	5.815%
20	11.506	1694	1698	1709	rVB	418485	540266	13.14%	2.024%
21	11.664	1719	1724	1729	rBV	425108	535724	13.03%	2.007%
22	11.804	1742	1747	1754	rVB	2012523	2403242	58.46%	9.005%
23	12.079	1786	1792	1797	rBV	631682	827533	20.13%	3.101%
24	12.140	1797	1802	1807	rBV	673618	805131	19.59%	3.017%
25	12.298	1819	1828	1835	rBV2	529041	824868	20.07%	3.091%
26	12.371	1835	1840	1846	rVB3	178521	266028	6.47%	0.997%
27	12.469	1851	1856	1860	rBV3	42810	62774	1.53%	0.235%
28	12.518	1860	1864	1869	rVB	48320	61946	1.51%	0.232%
29	12.585	1870	1875	1877	rBV	118114	156745	3.81%	0.587%
30	12.609	1877	1879	1881	rVV	100245	106094	2.58%	0.398%
31	12.664	1885	1888	1892	rVV	186425	234440	5.70%	0.878%
32	12.755	1898	1903	1911	rVB2	101541	154346	3.75%	0.578%
33	12.902	1923	1927	1932	rVB	64600	79669	1.94%	0.299%
34	12.975	1932	1939	1942	rVV	130840	167138	4.07%	0.626%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043019\
Data File : VX009247.D
Acq On : 30 Apr 2019 15:41
Operator : JC/SP
Sample : K2617-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SUMP-PIT

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\82X042919W.M
Title : SW846 8260

35	13.017	1942	1946	1951	rVB	186247	228707	5.56%	0.857%
36	13.225	1972	1980	1984	rBV	137403	185194	4.51%	0.694%
37	13.347	1995	2000	2005	rVB2	256035	347929	8.46%	1.304%
38	13.475	2017	2021	2030	rVB2	47288	68468	1.67%	0.257%
39	13.639	2044	2048	2054	rVV4	31172	62931	1.53%	0.236%
40	13.719	2055	2061	2066	rVB3	26736	52386	1.27%	0.196%
41	13.828	2074	2079	2085	rBV	695719	911692	22.18%	3.416%
42	14.694	2214	2221	2225	rBV	156224	213302	5.19%	0.799%
43	14.834	2241	2244	2249	rVB	74314	105935	2.58%	0.397%

Sum of corrected areas: 26688189

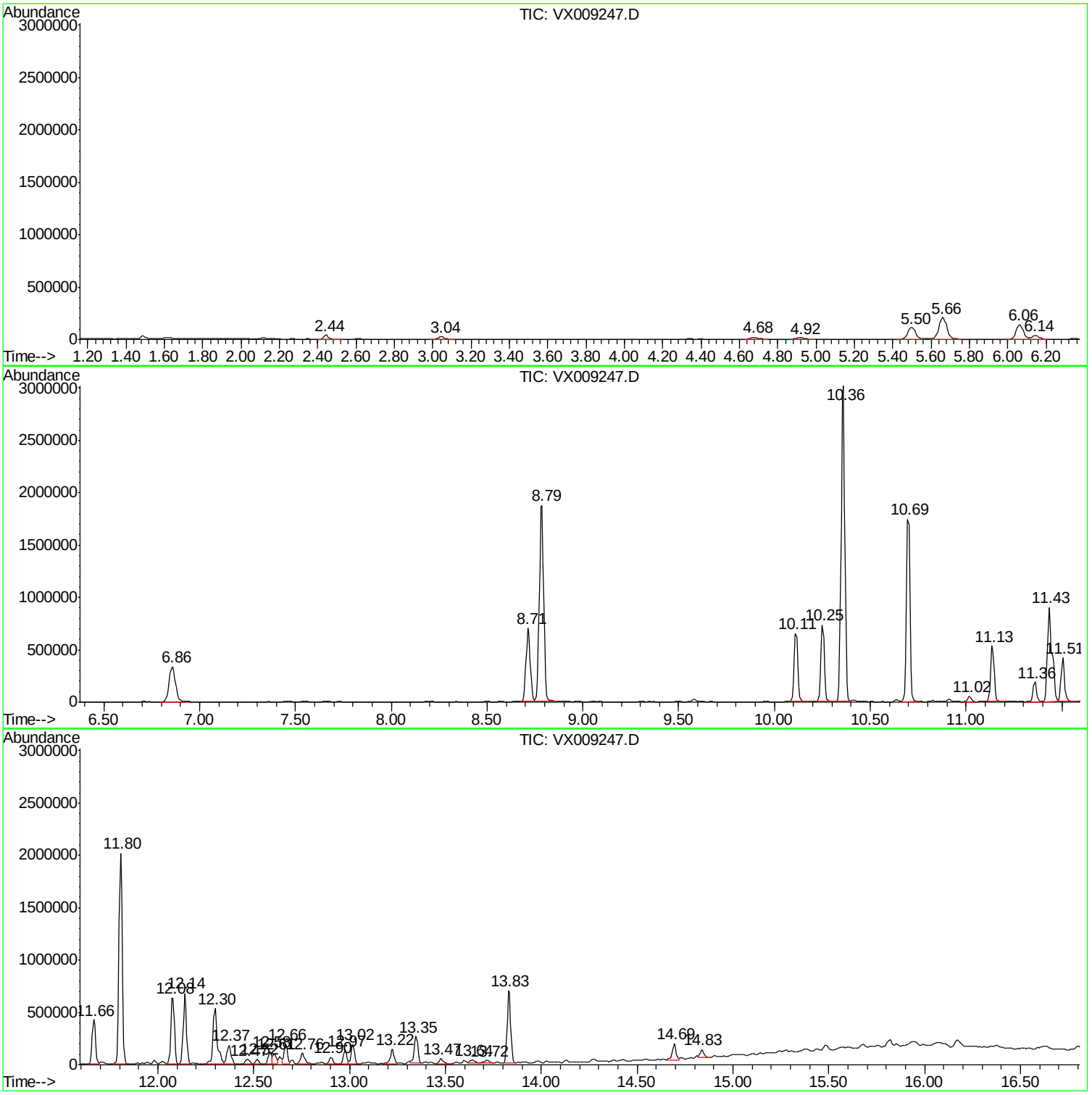
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX043019\
Data File : VX009247.D
Acq On : 30 Apr 2019 15:41
Operator : JC/SP
Sample : K2617-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SUMP-PIT

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.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\VX043019\
Data File : VX009247.D
Acq On : 30 Apr 2019 15:41
Operator : JC/SP
Sample : K2617-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SUMP-PIT

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260

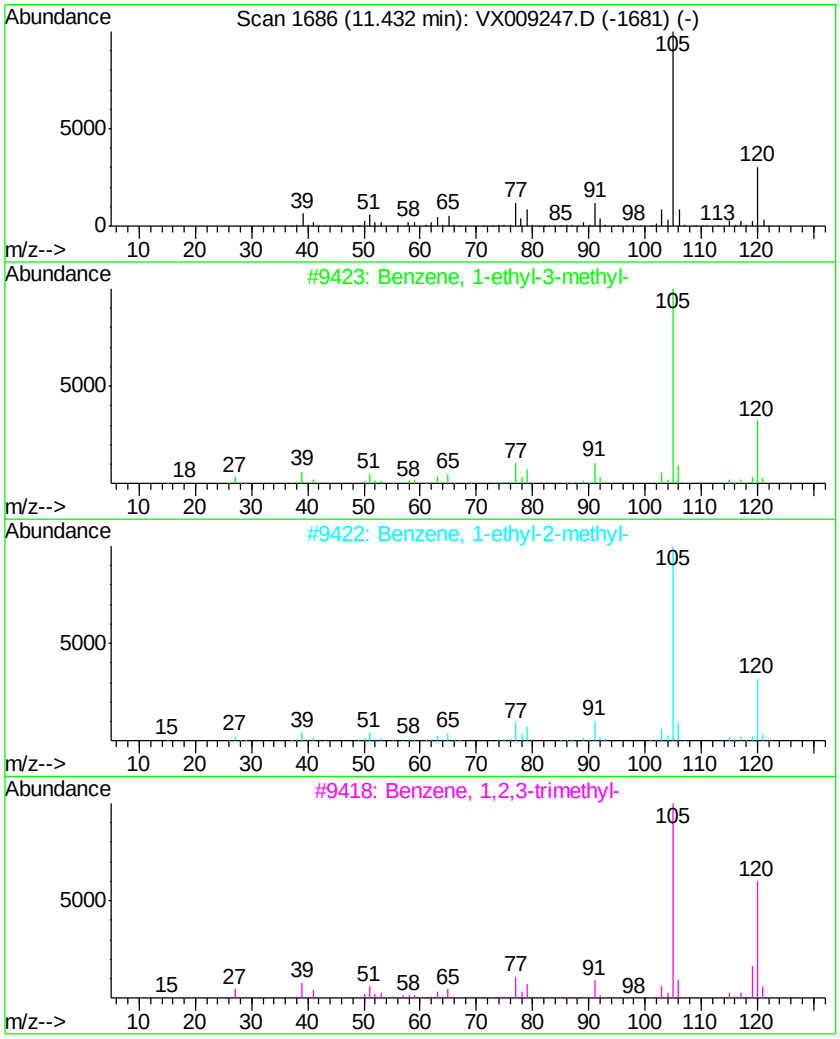
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

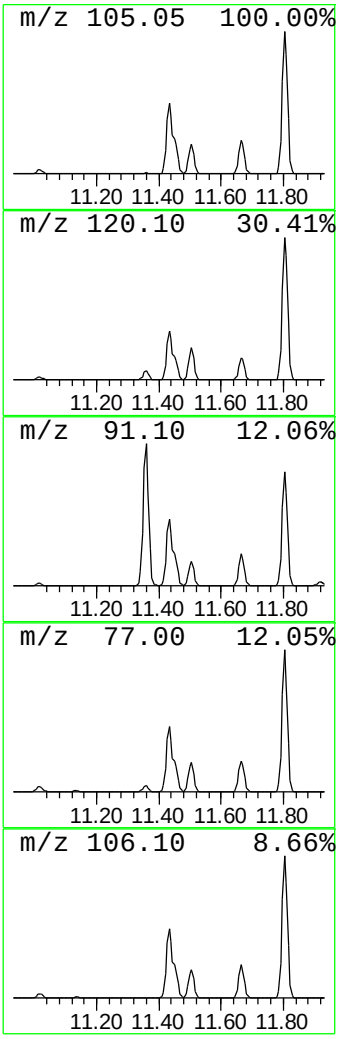
****

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	93.77 ug/l	1551890	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX043019\
Data File : VX009247.D
Acq On : 30 Apr 2019 15:41
Operator : JC/SP
Sample : K2617-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SUMP-PIT

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260

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

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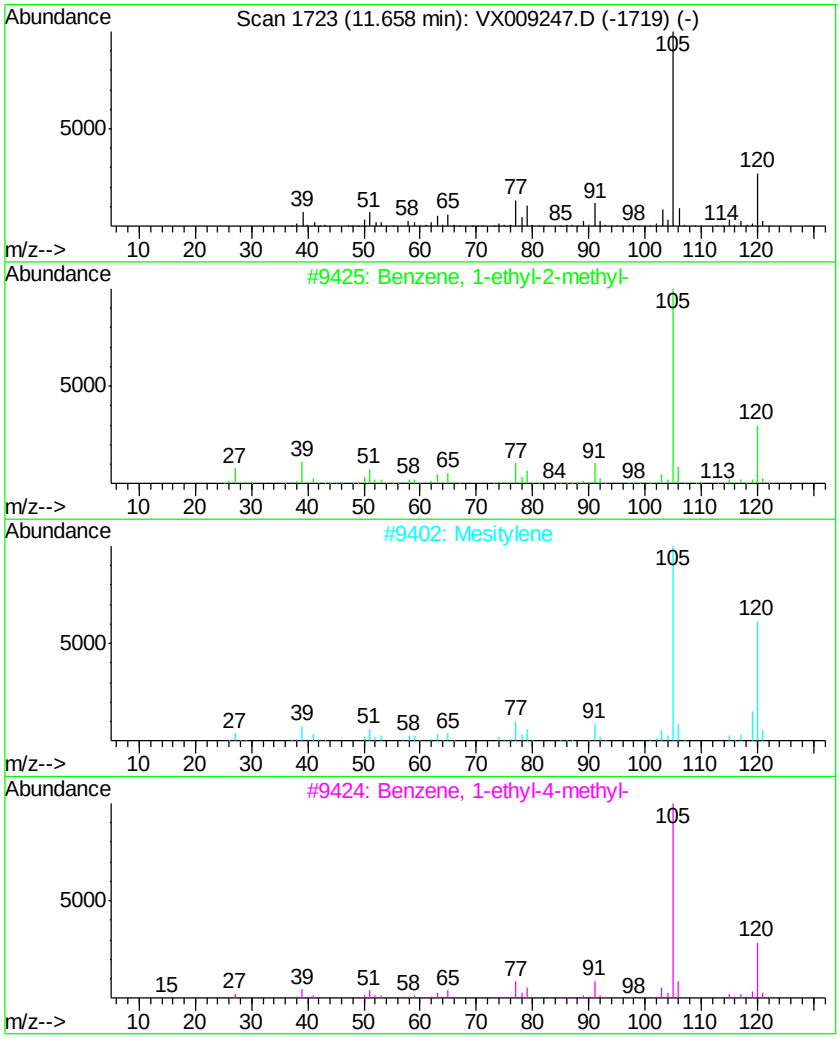
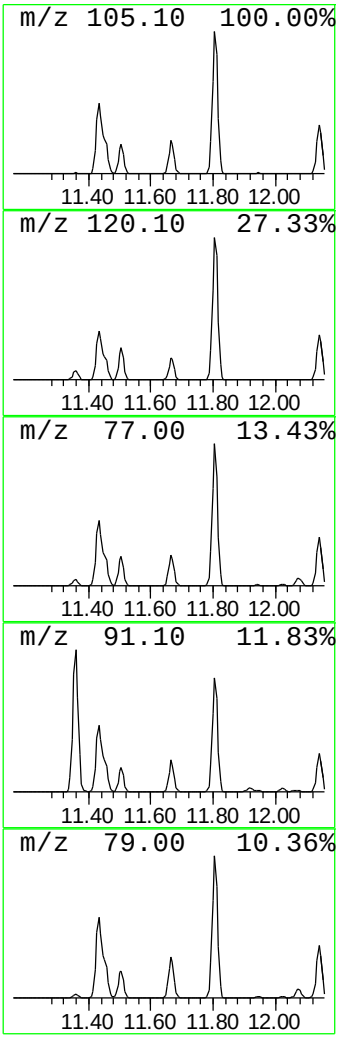
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	32.37 ug/l	535724	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX043019\
Data File : VX009247.D
Acq On : 30 Apr 2019 15:41
Operator : JC/SP
Sample : K2617-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SUMP-PIT

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260

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

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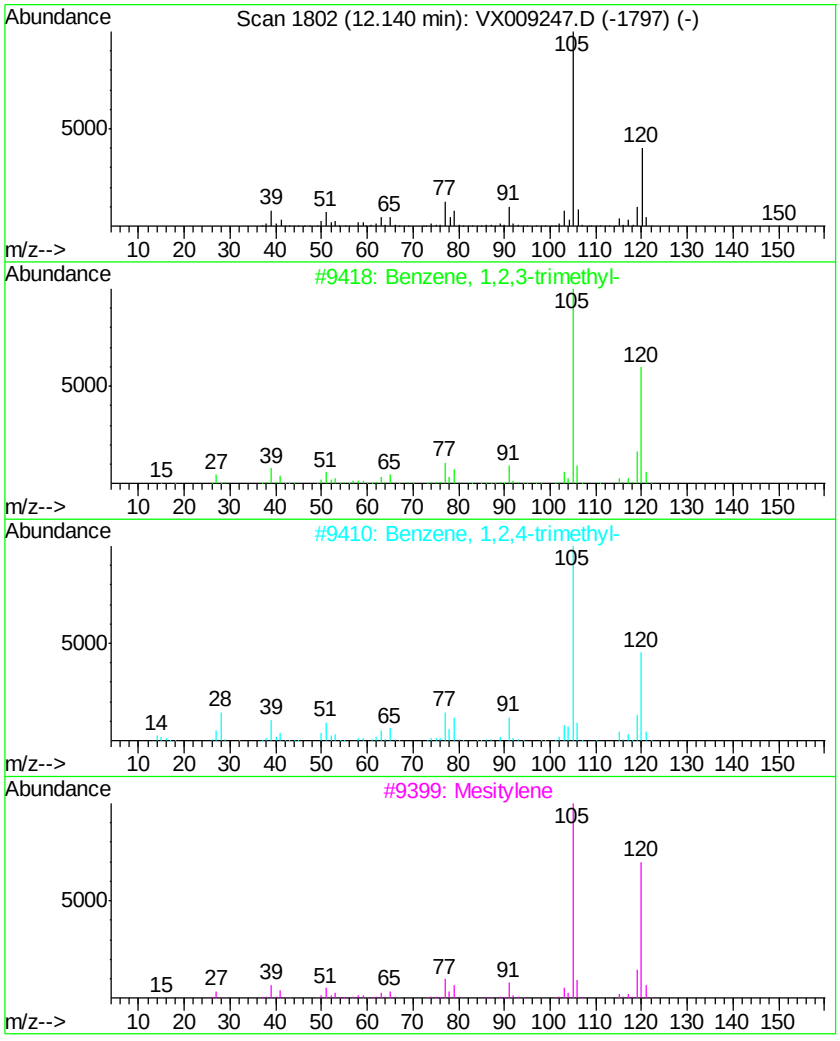
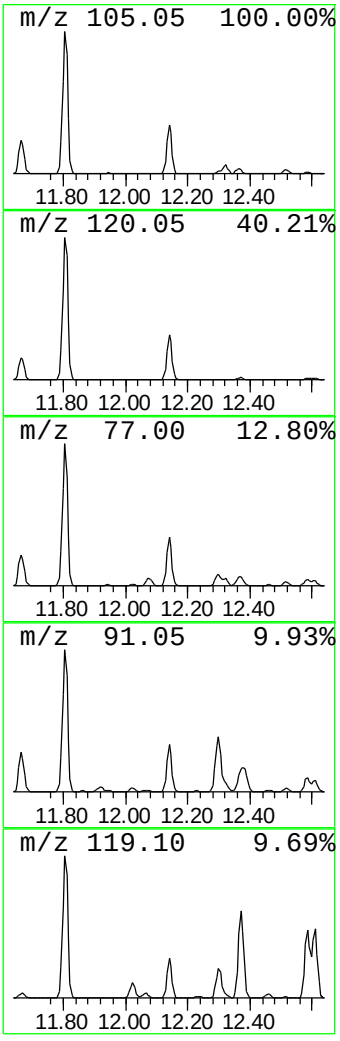
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	48.65 ug/l	805131	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX043019\
Data File : VX009247.D
Acq On : 30 Apr 2019 15:41
Operator : JC/SP
Sample : K2617-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SUMP-PIT

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260

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

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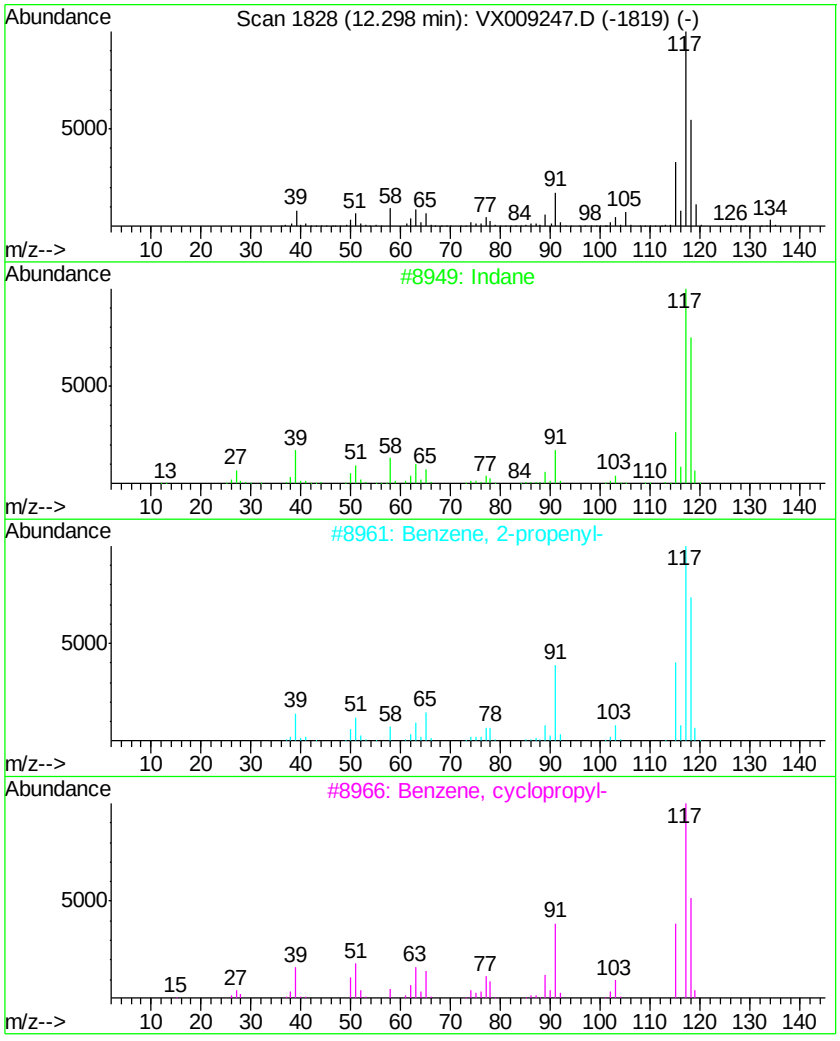
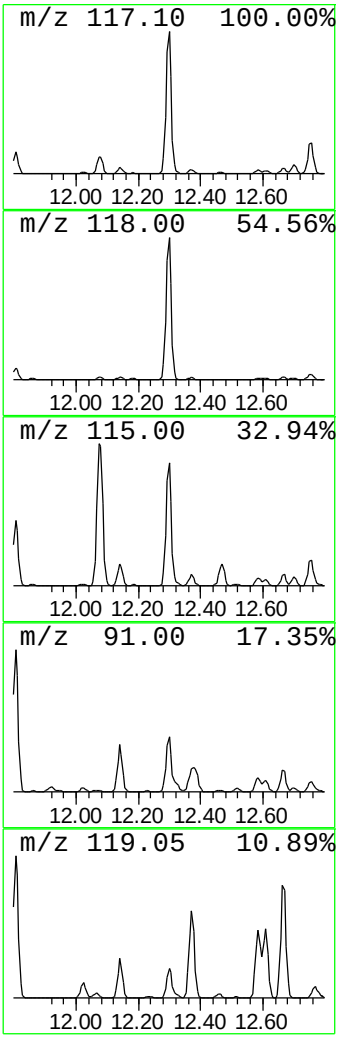
Peak Number 4 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	49.84 ug/l	824868	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Deltacyclene	118	C9H10	007785-10-6	64
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX043019\
Data File : VX009247.D
Acq On : 30 Apr 2019 15:41
Operator : JC/SP
Sample : K2617-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SUMP-PIT

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260

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

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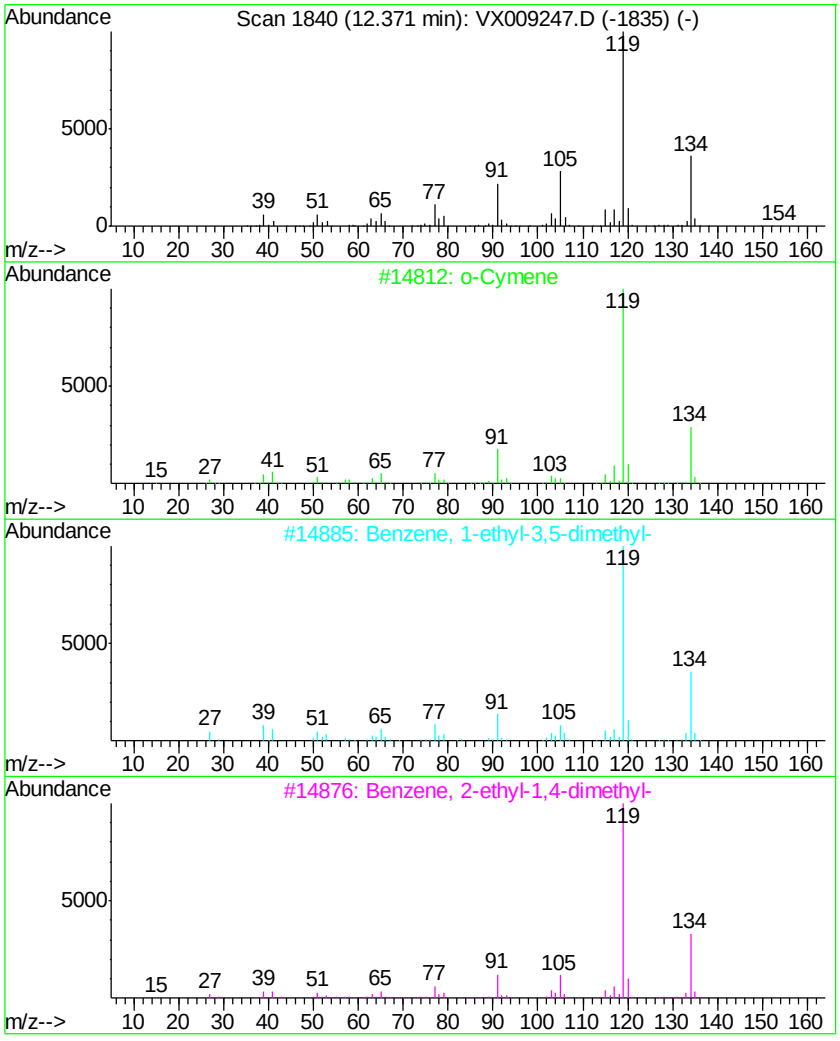
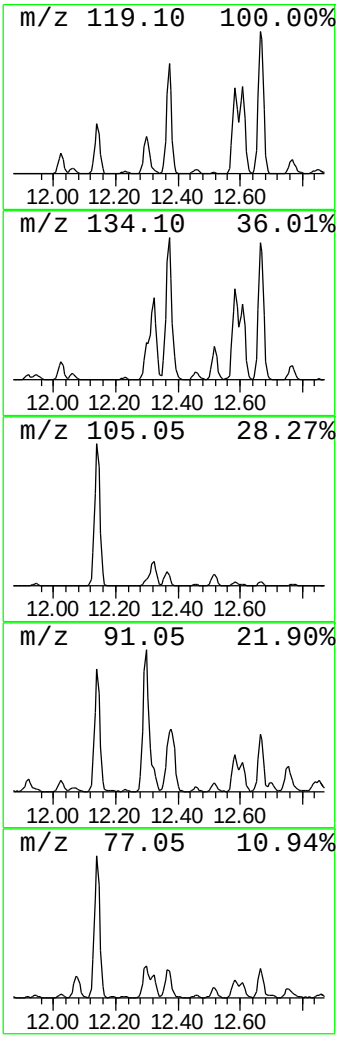
Peak Number 5 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	16.07 ug/l	266028	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX043019\
Data File : VX009247.D
Acq On : 30 Apr 2019 15:41
Operator : JC/SP
Sample : K2617-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SUMP-PIT

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260

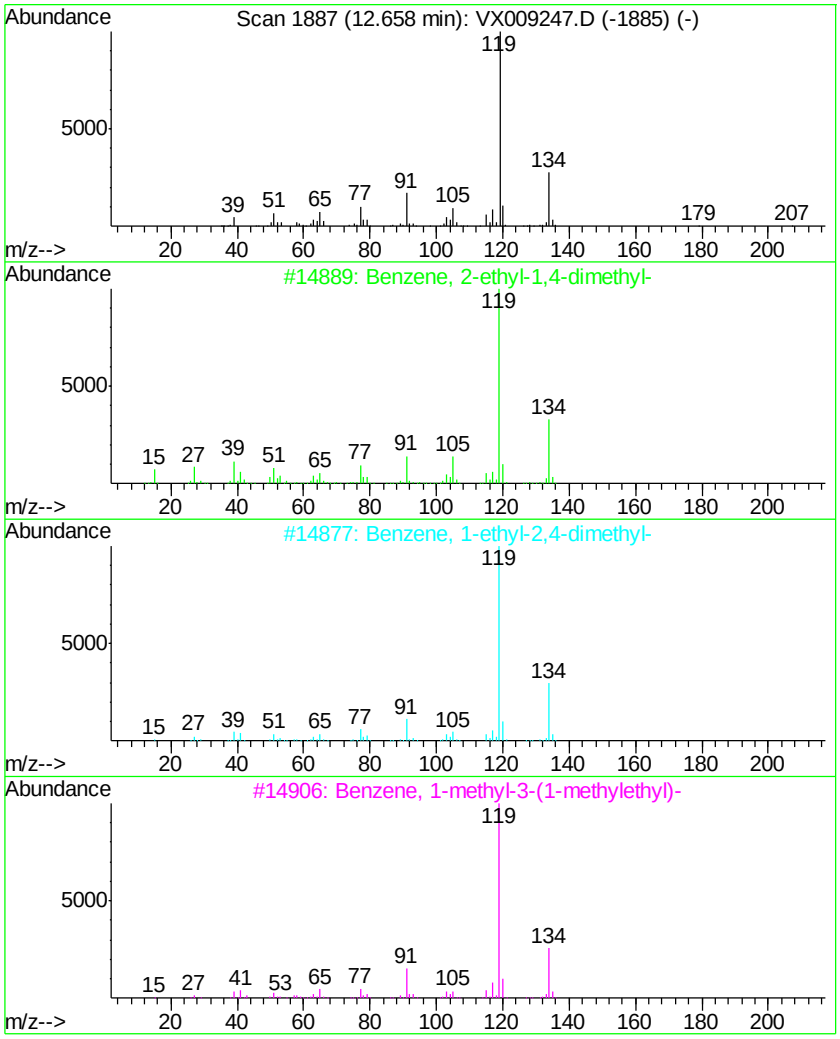
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

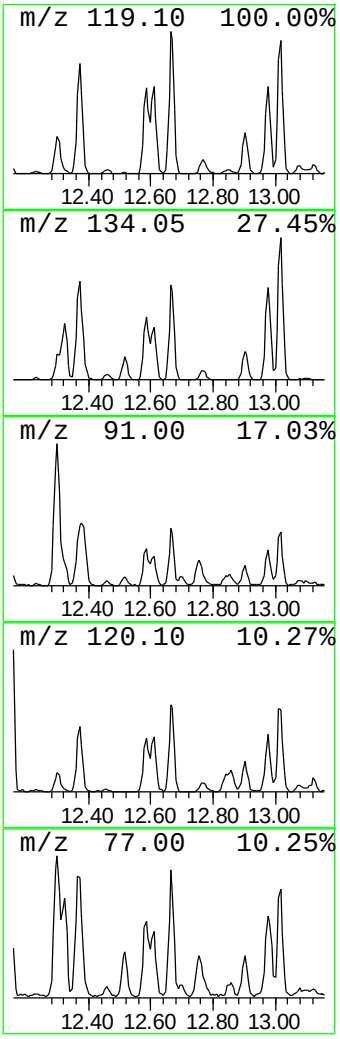
****

Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	14.17 ug/l	234440	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX043019\
Data File : VX009247.D
Acq On : 30 Apr 2019 15:41
Operator : JC/SP
Sample : K2617-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SUMP-PIT

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260

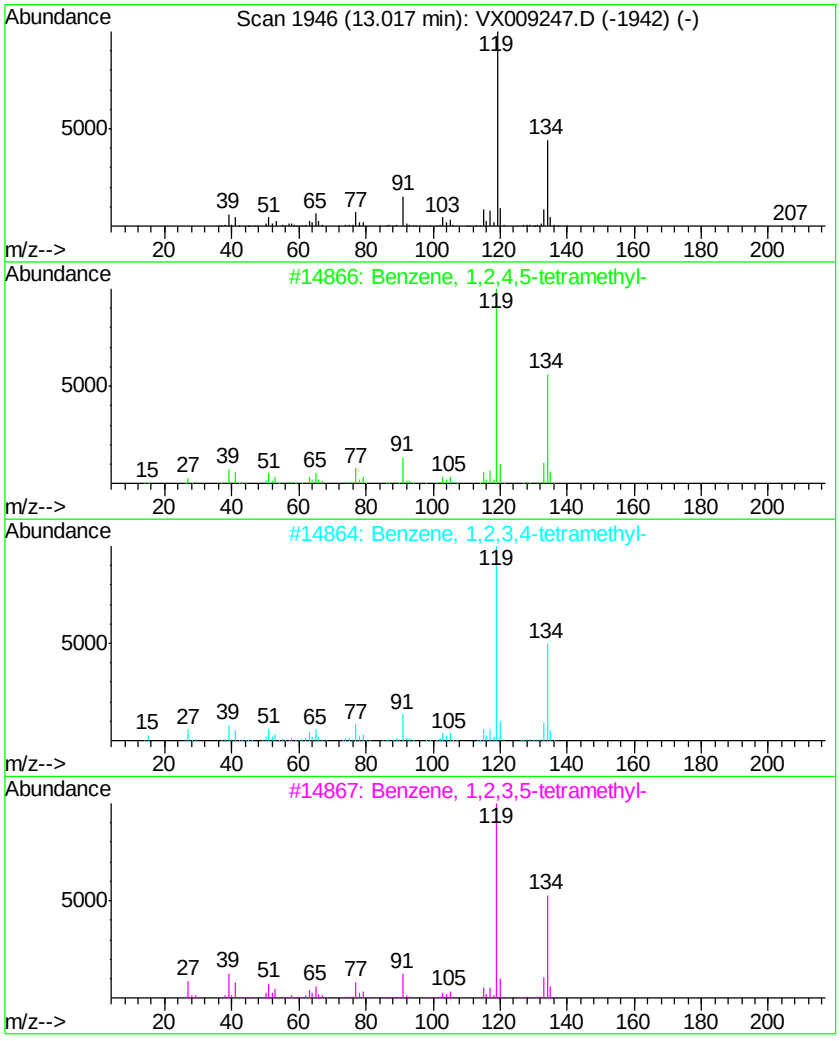
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

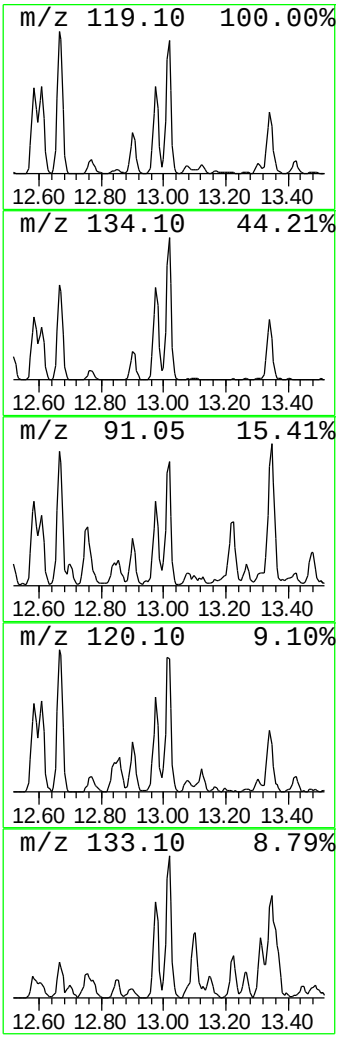
****

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	13.82 ug/l	228707	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX043019\
Data File : VX009247.D
Acq On : 30 Apr 2019 15:41
Operator : JC/SP
Sample : K2617-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SUMP-PIT

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260

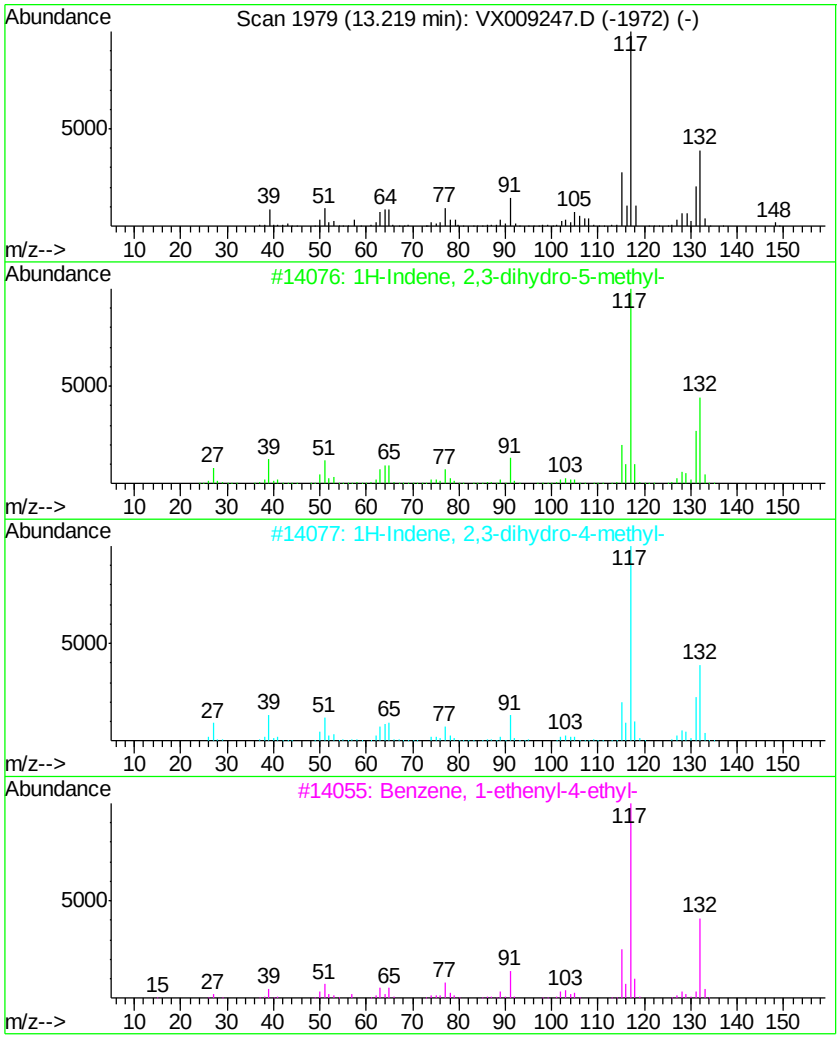
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

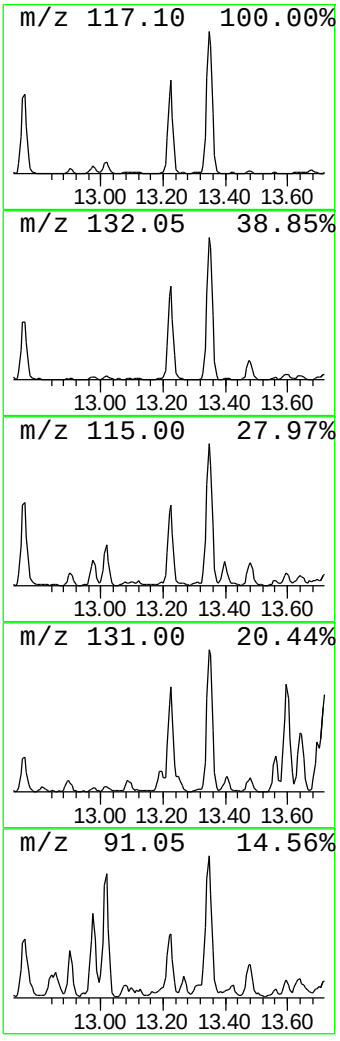
****

Peak Number 8 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	11.19 ug/l	185194	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX043019\
Data File : VX009247.D
Acq On : 30 Apr 2019 15:41
Operator : JC/SP
Sample : K2617-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SUMP-PIT

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260

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

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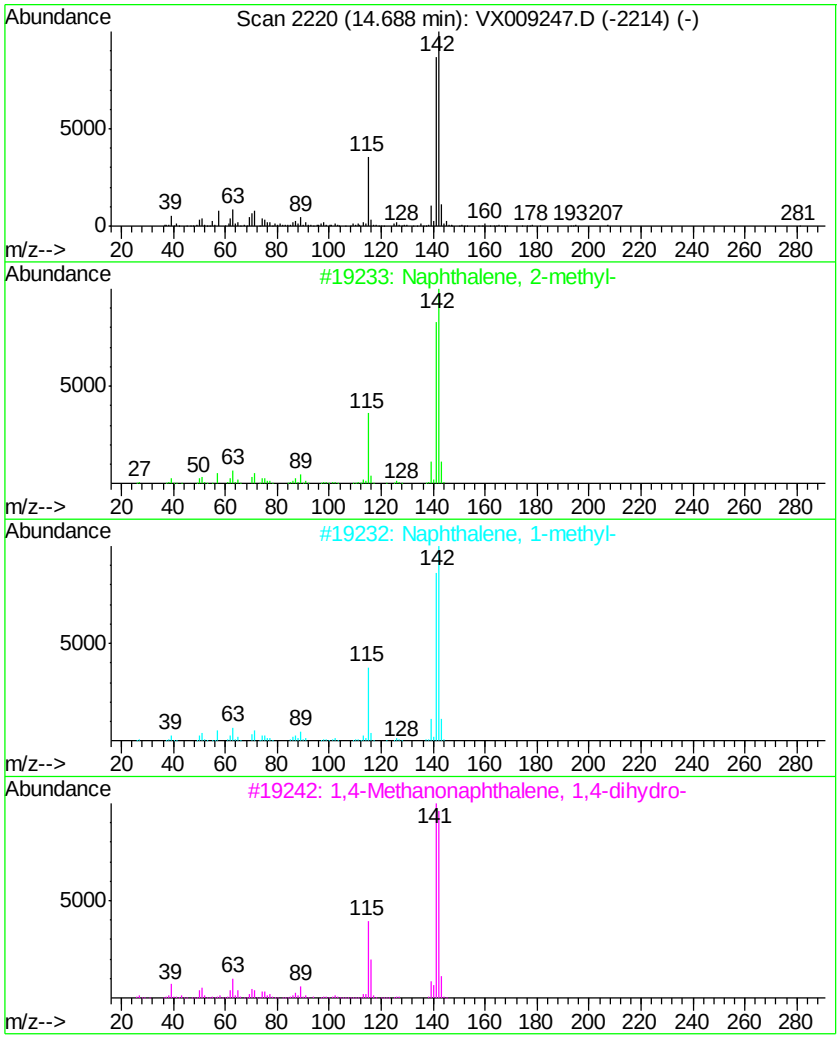
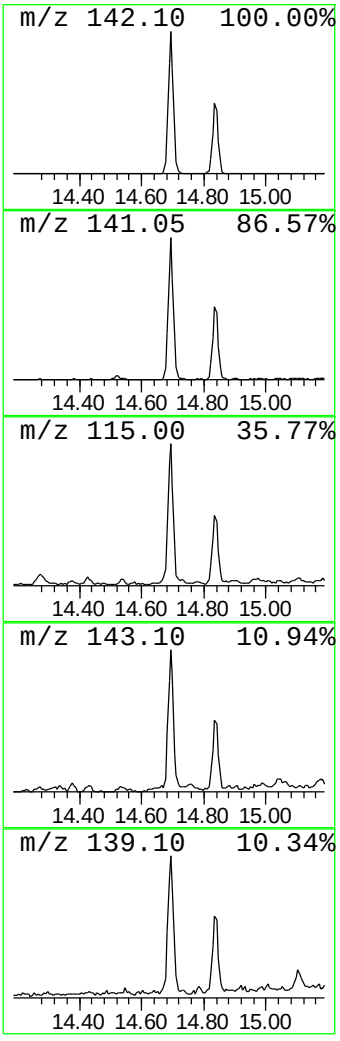
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	12.89 ug/l	213302	1,4-Dichlorobenzene-d4	12.08

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	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX043019\
Data File : VX009247.D
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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId : SUMP-PIT

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.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-...	11.43	93.8	ug/l	1551890	4	12.08	827533	50.0
Benzene, 1-ethyl-...	11.66	32.4	ug/l	535724	4	12.08	827533	50.0
Benzene, 1,2,3-tr...	12.14	48.6	ug/l	805131	4	12.08	827533	50.0
Indane	12.30	49.8	ug/l	824868	4	12.08	827533	50.0
o-Cymene	12.37	16.1	ug/l	266028	4	12.08	827533	50.0
Benzene, 2-ethyl-...	12.66	14.2	ug/l	234440	4	12.08	827533	50.0
Benzene, 1,2,4,5-...	13.02	13.8	ug/l	228707	4	12.08	827533	50.0
1H-Indene, 2,3-di...	13.22	11.2	ug/l	185194	4	12.08	827533	50.0
Naphthalene, 1-me...	14.69	12.9	ug/l	213302	4	12.08	827533	50.0