LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
Data File : VX013634.D
Acq On : 27 Nov 2019 05:48
Operator : JC/SP
Sample : K6002-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

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	40	rBV	2863890	3383436	2.30%	0.503%
2	1.783	141	147	164	rVB	2190929	3119482	2.12%	0.463%
3	1.991	176	181	195	rVB3	1035562	2033201	1.38%	0.302%
4	2.259	220	225	235	rVB	1297440	2036622	1.39%	0.302%
5	2.808	301	315	323	rBV2	532203	1661203	1.13%	0.247%
6	2.881	323	327	331	rVV	693531	1496581	1.02%	0.222%
7	2.923	331	334	347	rVB2	804083	1813807	1.23%	0.269%
8	3.173	364	375	392	rBV3	1691331	4465693	3.04%	0.663%
9	4.393	566	575	587	rVB	945282	2722243	1.85%	0.404%
10	6.142	851	862	874	rVV	20325793	55383367	37.69%	8.226%
11	6.331	874	893	899	rVV5	1070414	4641464	3.16%	0.689%
12	6.423	899	908	925	rVB	13155557	37059615	25.22%	5.504%
13	6.850	969	978	985	rBV	999764	2533876	1.72%	0.376%
14	7.453	1066	1077	1088	rBV3	978558	2590587	1.76%	0.385%
15	8.581	1255	1262	1270	rVB2	1177490	2885435	1.96%	0.429%
16	8.709	1278	1283	1289	rVB	2170727	3372948	2.30%	0.501%
17	8.782	1289	1295	1301	rBV	12245714	19021186	12.94%	2.825%
18	10.111	1508	1513	1516	rBV	1973318	2607637	1.77%	0.387%
19	10.251	1530	1536	1543	rBV	34337007	47258666	32.16%	7.019%
20	10.367	1547	1555	1560	rVB3	90312734	146947863	100.00%	21.825%
21	10.696	1603	1609	1623	rVB	39115441	53322078	36.29%	7.920%
22	11.013	1655	1661	1669	rVB	2248315	2828101	1.92%	0.420%
23	11.135	1675	1681	1686	rBV	1785019	2287898	1.56%	0.340%
24	11.355	1713	1717	1723	rVV	3284914	3876059	2.64%	0.576%
25	11.434	1724	1730	1737	rVV	18970168	35408959	24.10%	5.259%
26	11.501	1737	1741	1752	rVB	11506951	14232171	9.69%	2.114%
27	11.666	1762	1768	1778	rVB	11727490	14437151	9.82%	2.144%
28	11.806	1785	1791	1796	rBV	48534044	61484360	41.84%	9.132%
29	12.074	1830	1835	1840	rVB	2282261	2922959	1.99%	0.434%
30	12.141	1840	1846	1850	rBV	16527297	20808717	14.16%	3.091%
31	12.294	1866	1871	1879	rBV2	18182416	25059591	17.05%	3.722%
32	12.367	1879	1883	1893	rVB2	4293607	5966247	4.06%	0.886%
33	12.464	1893	1899	1903	rBV	3431763	4258861	2.90%	0.633%
34	12.513	1903	1907	1913	rVB	1188876	1534856	1.04%	0.228%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112619\
Data File : VX013634.D
Acq On : 27 Nov 2019 05:48
Operator : JC/SP
Sample : K6002-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

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	12.580	1913	1918	1920	rBV	3423801	4193523	2.85%	0.623%
36	12.605	1920	1922	1927	rVB	2829047	3102940	2.11%	0.461%
37	12.666	1927	1932	1935	rBV	5462263	6429143	4.38%	0.955%
38	12.751	1941	1946	1954	rBV2	4461776	5983015	4.07%	0.889%
39	12.897	1965	1970	1975	rVB	1472458	1833492	1.25%	0.272%
40	12.970	1975	1982	1986	rBV	3432133	4403751	3.00%	0.654%
41	13.013	1986	1989	1995	rVB	5374677	6094578	4.15%	0.905%
42	13.220	2019	2023	2027	rVB	4549548	5202968	3.54%	0.773%
43	13.342	2039	2043	2048	rVB2	7561467	10164762	6.92%	1.510%
44	13.476	2060	2065	2072	rVB	1863278	2264909	1.54%	0.336%
45	13.635	2088	2091	2097	rVB3	895634	1496206	1.02%	0.222%
46	13.830	2116	2123	2132	rBV	14102501	17652745	12.01%	2.622%
47	14.690	2260	2264	2274	rVB	4596595	5609592	3.82%	0.833%
48	14.836	2282	2288	2299	rVB	2639736	3401718	2.31%	0.505%

Sum of corrected areas: 673296262

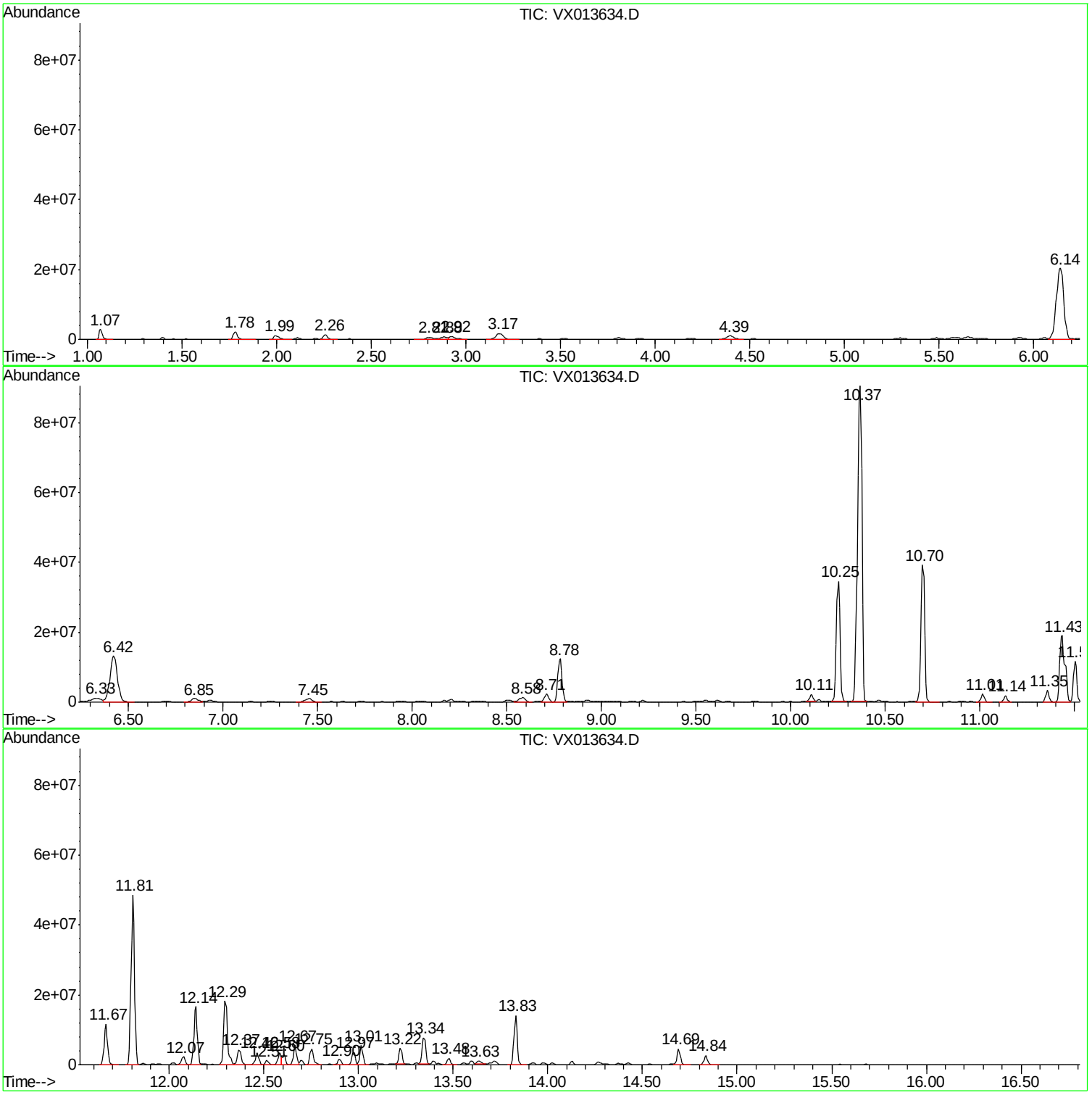
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112619\
Data File : VX013634.D
Acq On : 27 Nov 2019 05:48
Operator : JC/SP
Sample : K6002-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

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\VX112619\
Data File : VX013634.D
Acq On : 27 Nov 2019 05:48
Operator : JC/SP
Sample : K6002-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

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

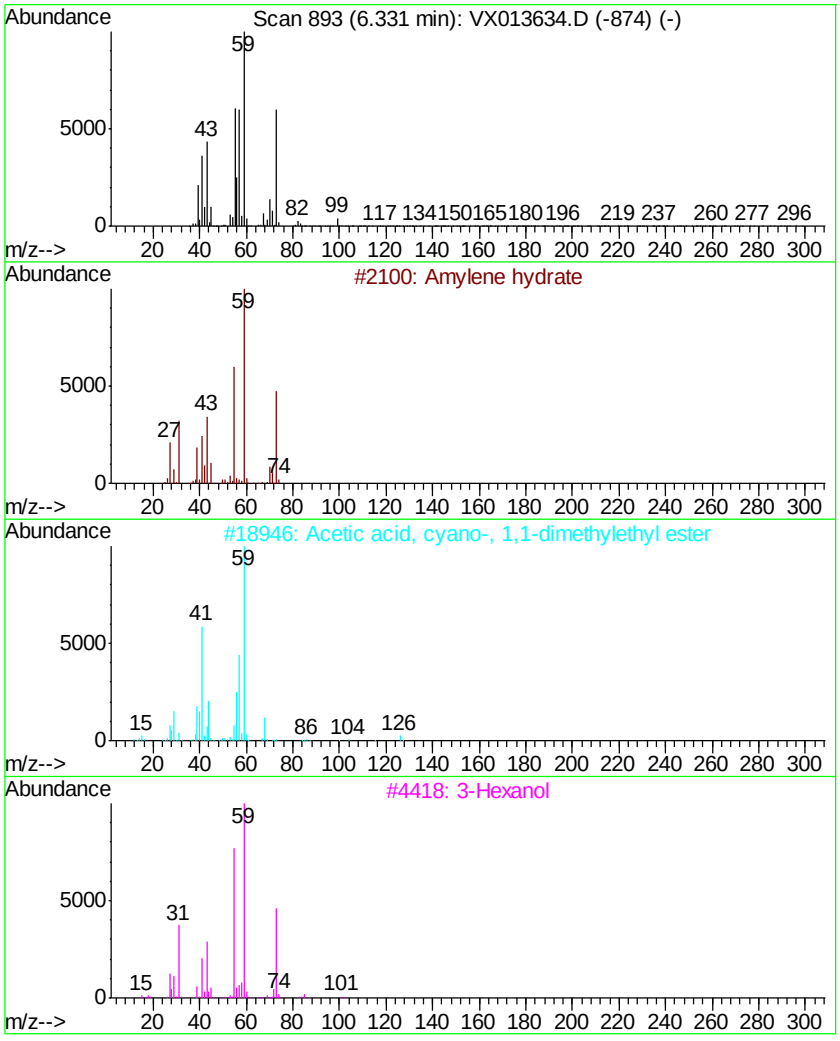
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

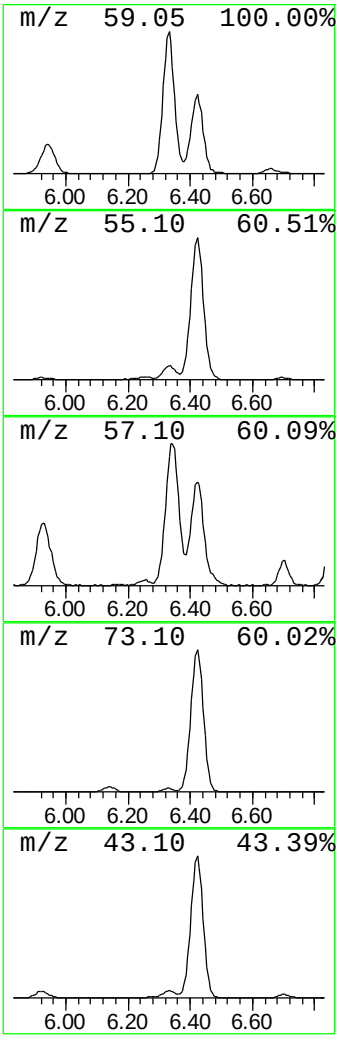
****

Peak Number 1 Amylene hydrate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	91.59 ug/l	4641460	1,4-Difluorobenzene	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	42
3	3-Hexanol	102	C6H14O	000623-37-0	40
4	Butyl 2-ethoxyacetate	160	C8H16O3	1000366-89-7	40
5	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112619\
Data File : VX013634.D
Acq On : 27 Nov 2019 05:48
Operator : JC/SP
Sample : K6002-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

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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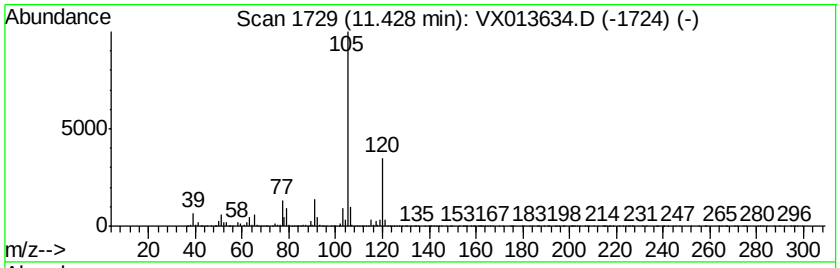
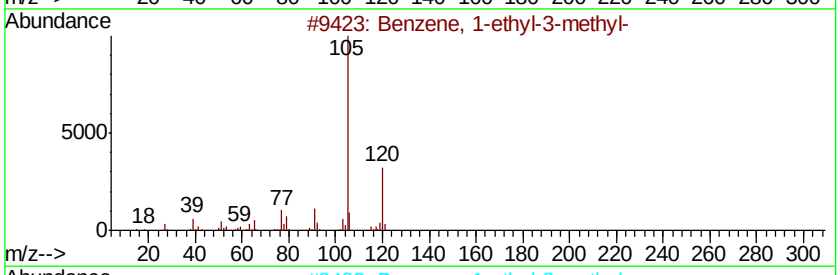
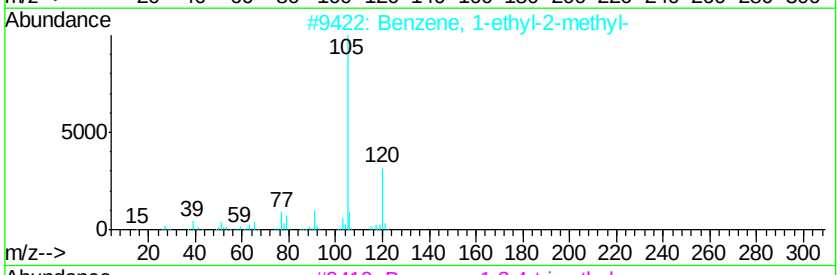
Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

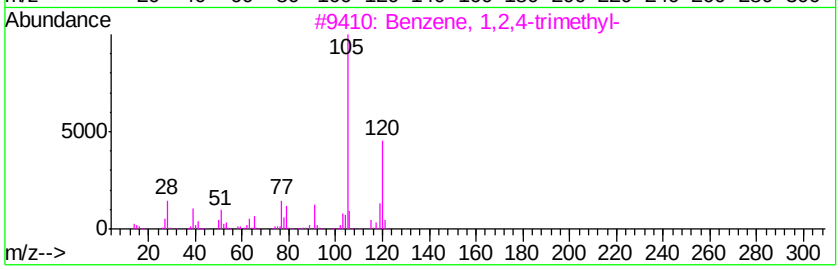
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	605.70 ug/l	35409000	1,4-Dichlorobenzene-d4	12.07

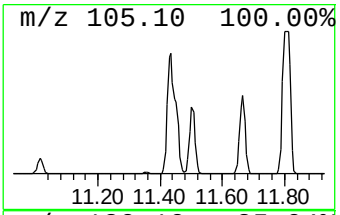
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91

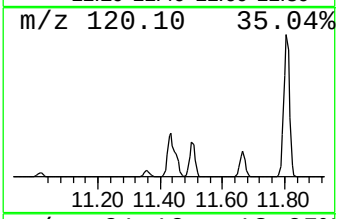


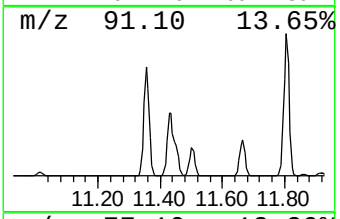


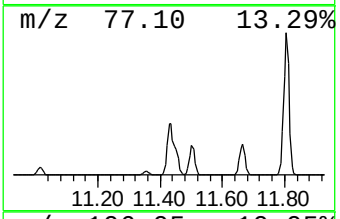


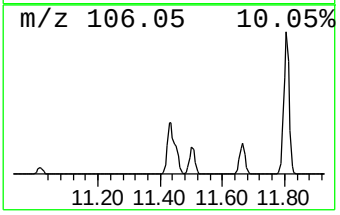












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112619\
Data File : VX013634.D
Acq On : 27 Nov 2019 05:48
Operator : JC/SP
Sample : K6002-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

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

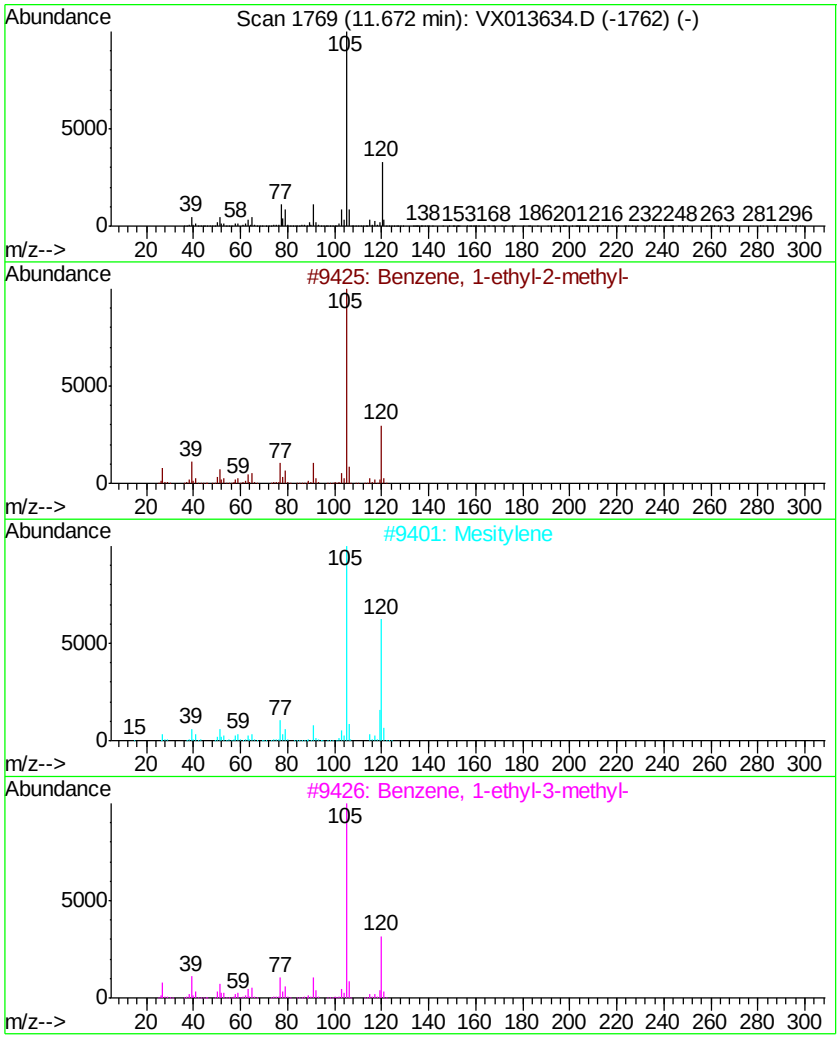
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

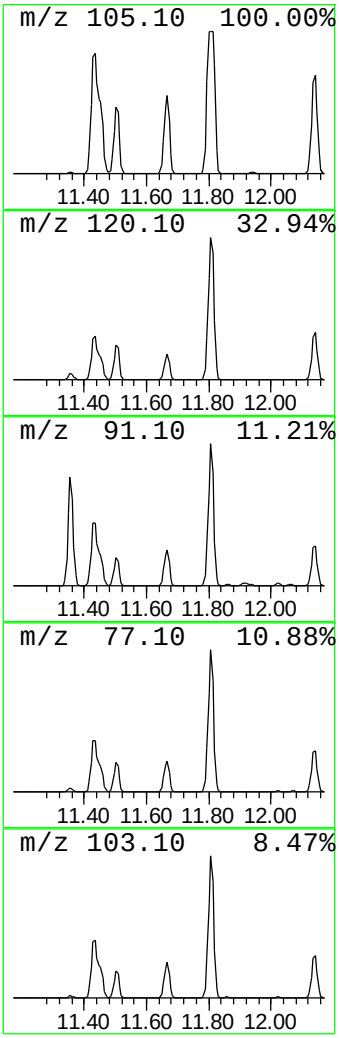
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	246.96 ug/l	14437200	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-ethyl-3-methyl-	120	C9H12	000620-14-4	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\VX112619\
Data File : VX013634.D
Acq On : 27 Nov 2019 05:48
Operator : JC/SP
Sample : K6002-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

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

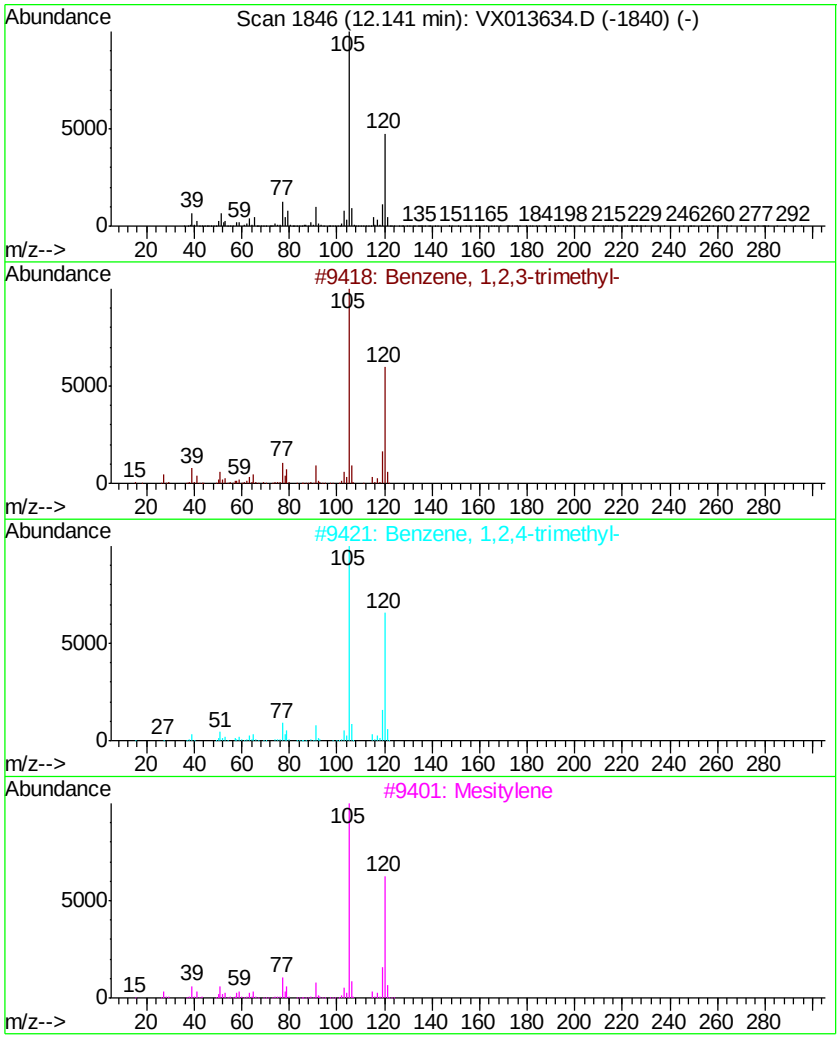
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

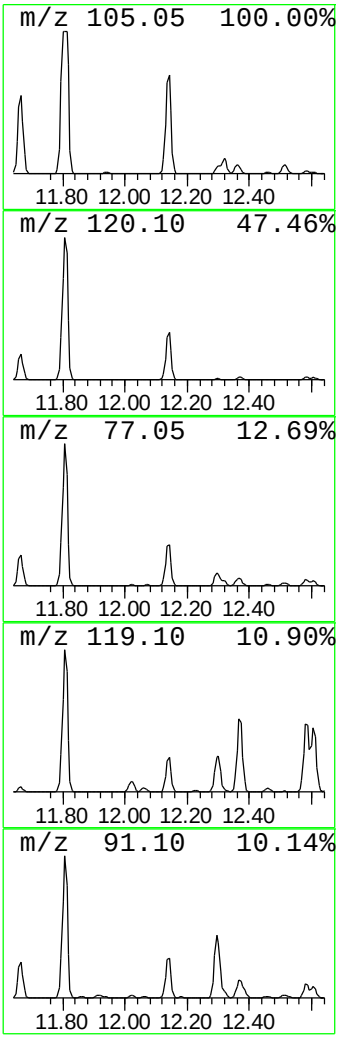
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	355.95 ug/l	20808700	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112619\
Data File : VX013634.D
Acq On : 27 Nov 2019 05:48
Operator : JC/SP
Sample : K6002-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

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

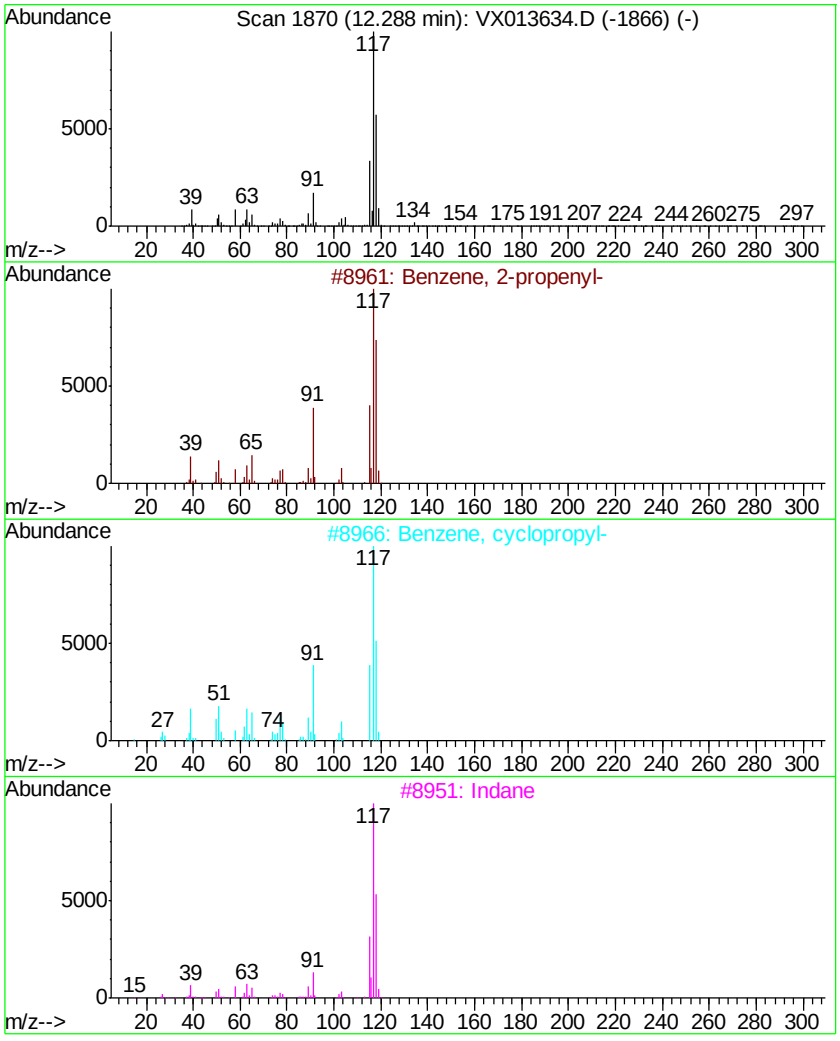
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

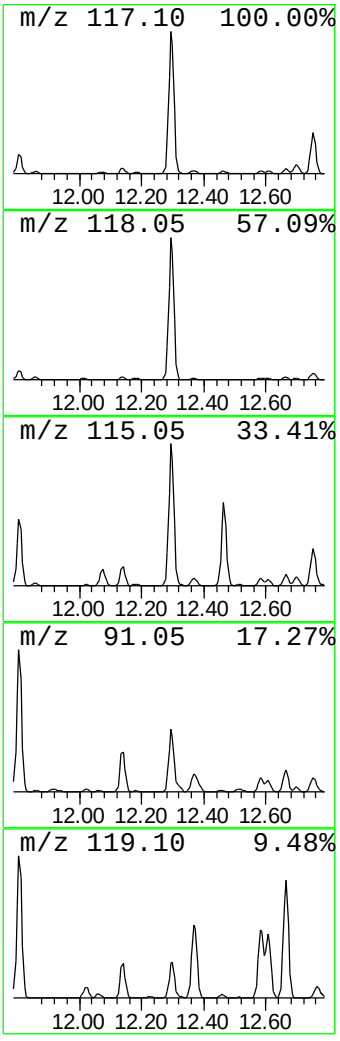
****

Peak Number 5 Benzene, 2-propenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	428.67 ug/l	25059600	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3	Indane	118	C9H10	000496-11-7	81
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
5	Deltacyclene	118	C9H10	007785-10-6	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112619\
Data File : VX013634.D
Acq On : 27 Nov 2019 05:48
Operator : JC/SP
Sample : K6002-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

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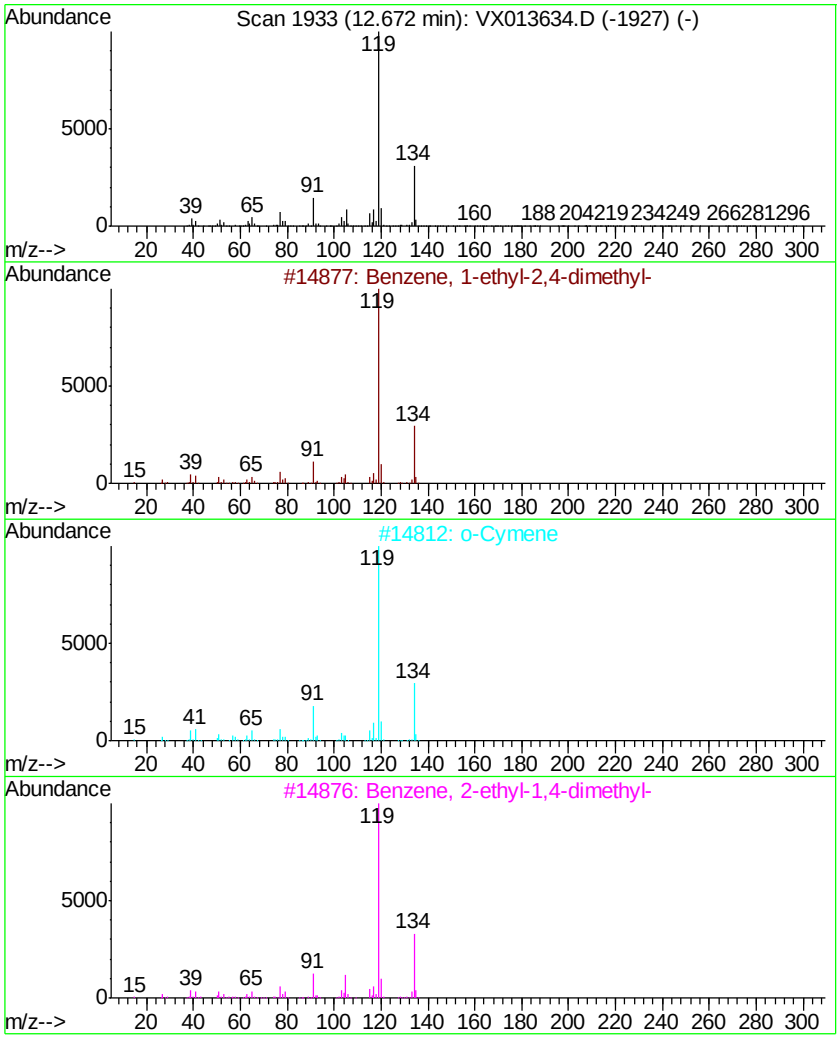
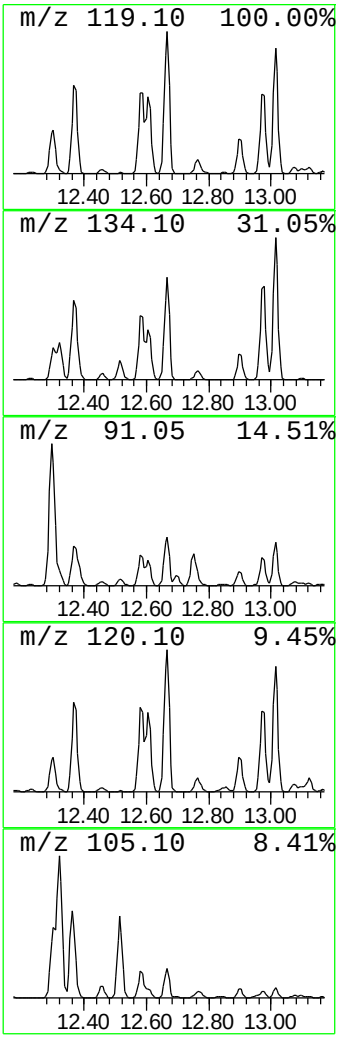
Peak Number 6 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	109.98 ug/l	6429140	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112619\
Data File : VX013634.D
Acq On : 27 Nov 2019 05:48
Operator : JC/SP
Sample : K6002-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

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

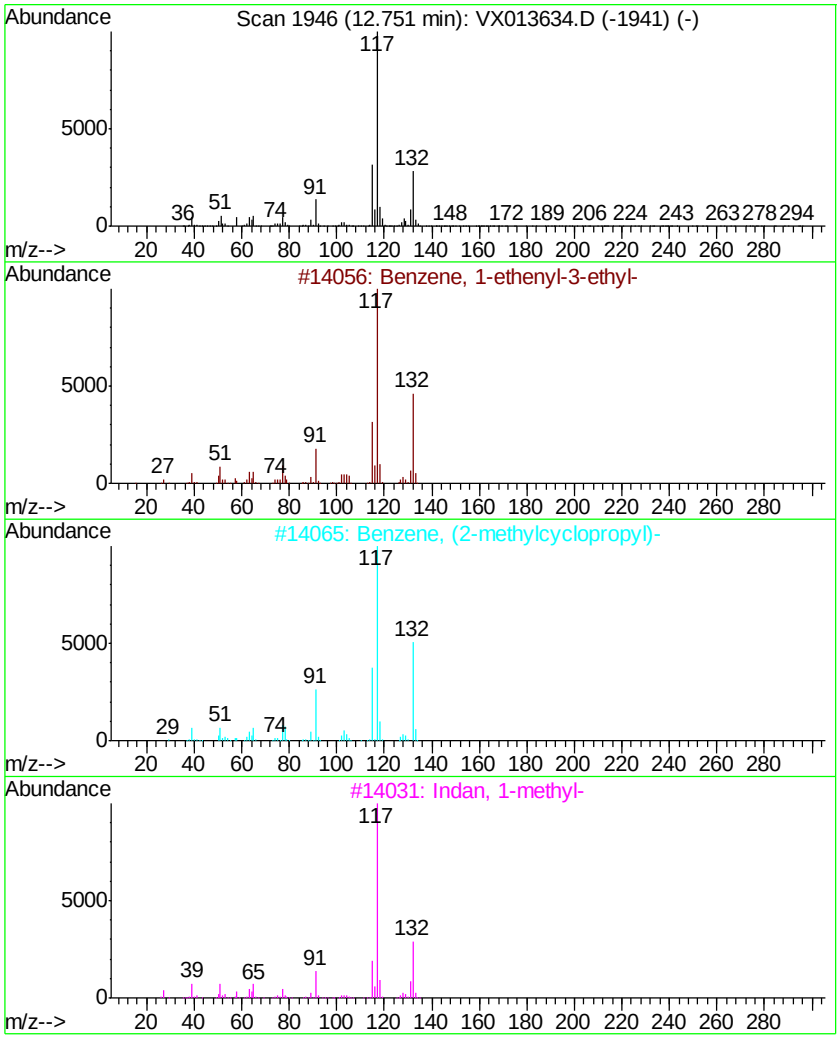
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

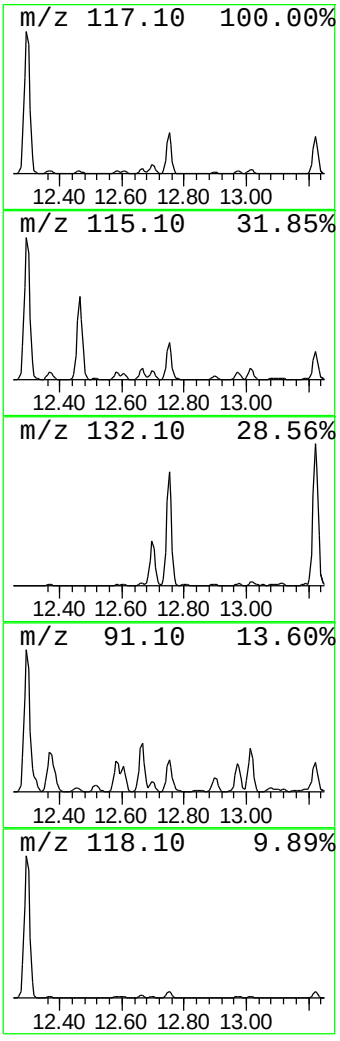
****

Peak Number 7 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	102.35 ug/l	5983020	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	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112619\
Data File : VX013634.D
Acq On : 27 Nov 2019 05:48
Operator : JC/SP
Sample : K6002-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

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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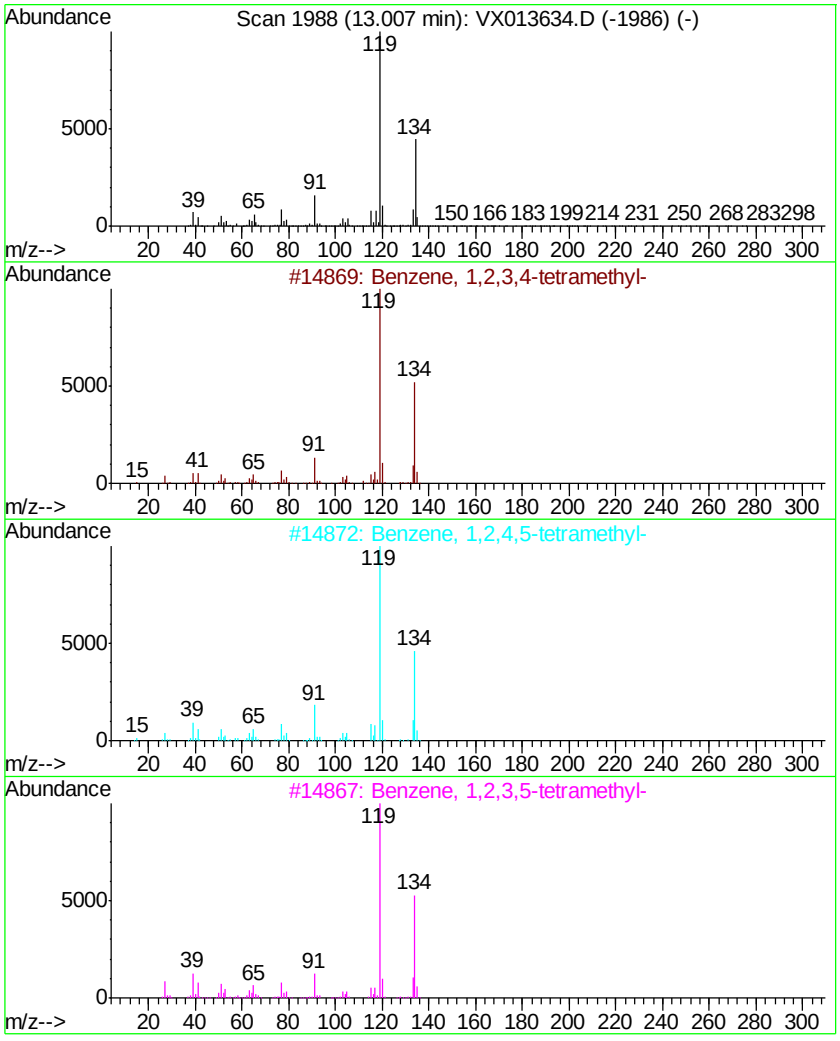
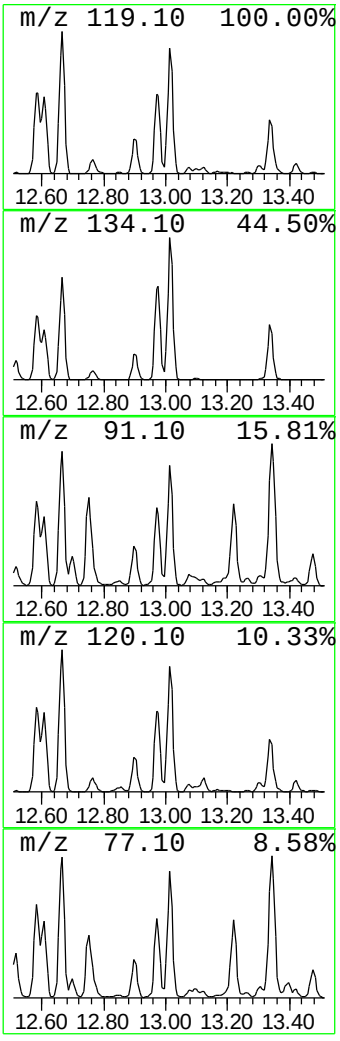
Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	104.25 ug/l	6094580	1,4-Dichlorobenzene-d4	12.07

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	97
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112619\
Data File : VX013634.D
Acq On : 27 Nov 2019 05:48
Operator : JC/SP
Sample : K6002-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

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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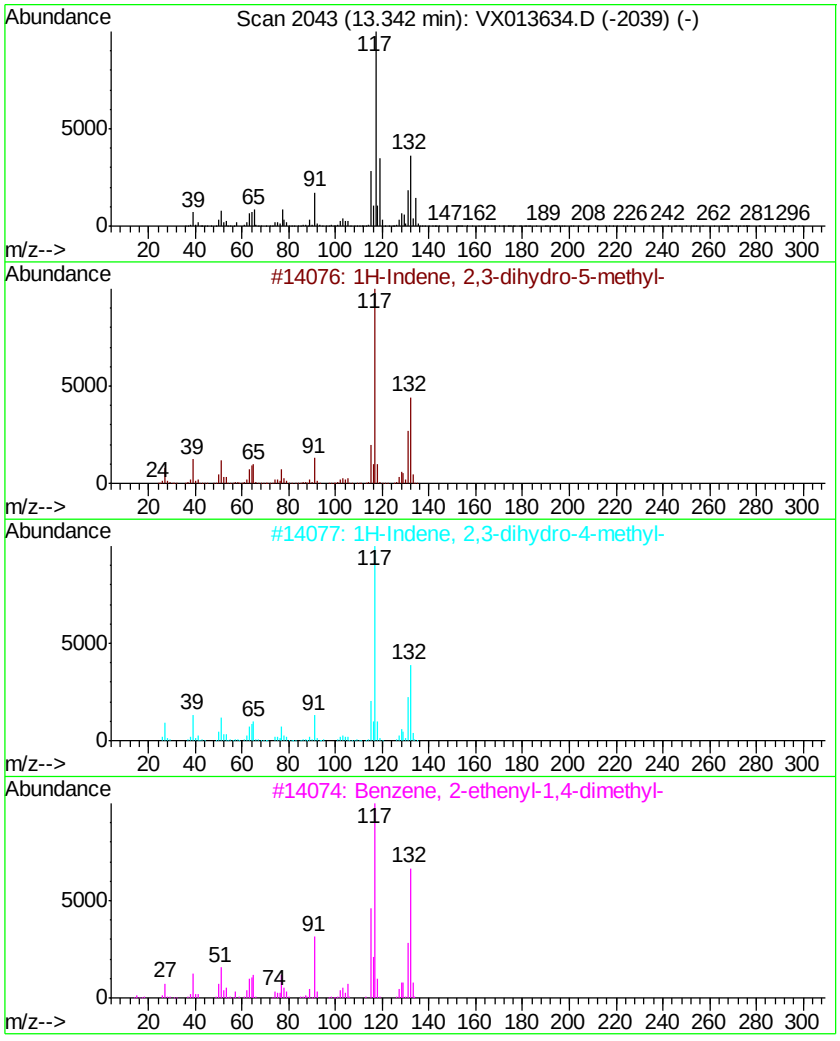
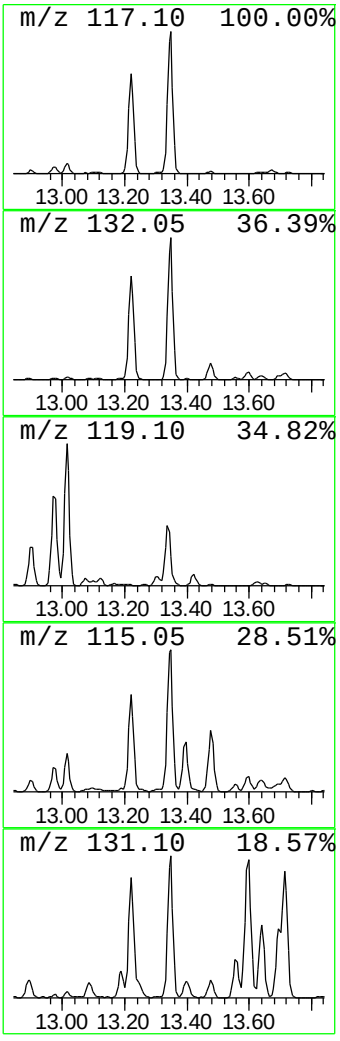
Peak Number 9 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	173.88 ug/l	10164800	1,4-Dichlorobenzene-d4	12.07

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	94
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112619\
Data File : VX013634.D
Acq On : 27 Nov 2019 05:48
Operator : JC/SP
Sample : K6002-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

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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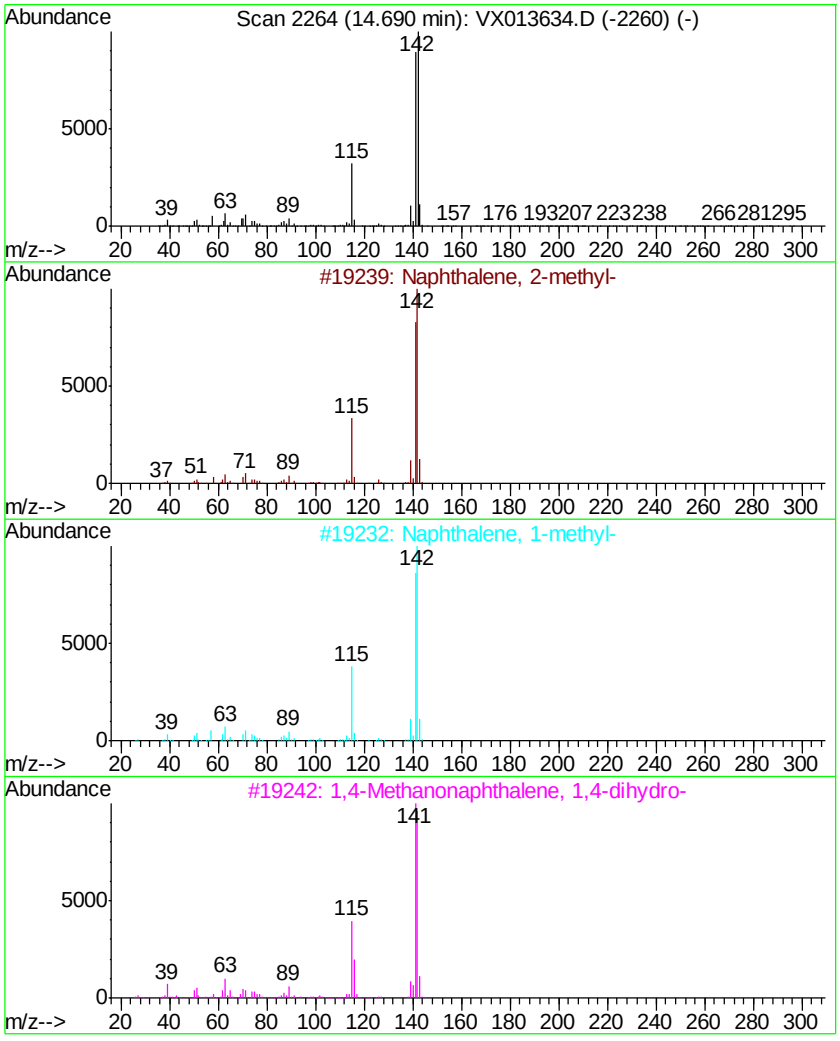
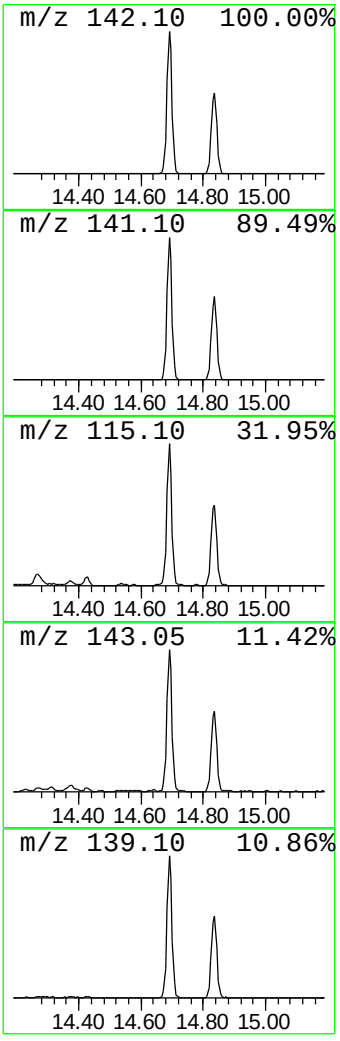
Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	95.96 ug/l	5609590	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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112619\
Data File : VX013634.D
Acq On : 27 Nov 2019 05:48
Operator : JC/SP
Sample : K6002-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-6

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
Amylene hydrate	6.33	91.6	ug/l	4641460	2	6.85	2533880	50.0
Benzene, 1-ethyl-...	11.43	605.7	ug/l	35409000	4	12.07	2922960	50.0
Benzene, 1-ethyl-...	11.67	247.0	ug/l	14437200	4	12.07	2922960	50.0
Benzene, 1,2,3-tr...	12.14	355.9	ug/l	20808700	4	12.07	2922960	50.0
Benzene, 2-propenyl-	12.29	428.7	ug/l	25059600	4	12.07	2922960	50.0
Benzene, 1-ethyl-...	12.67	110.0	ug/l	6429140	4	12.07	2922960	50.0
Benzene, 1-etheny...	12.75	102.3	ug/l	5983020	4	12.07	2922960	50.0
Benzene, 1,2,3,4-...	13.01	104.3	ug/l	6094580	4	12.07	2922960	50.0
1H-Indene, 2,3-di...	13.34	173.9	ug/l	10164800	4	12.07	2922960	50.0
Naphthalene, 2-me...	14.69	96.0	ug/l	5609590	4	12.07	2922960	50.0