LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004742.D
Acq On : 27 Sep 2018 00:11
Operator : JC/MD
Sample : J5020-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-7-10.0-091918

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\82X092618W.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	2.623	235	241	251	rVB	76767	140449	2.93%	0.481%
2	3.208	328	337	346	rVB	71431	174656	3.65%	0.598%
3	5.507	702	714	723	rBV	195896	570455	11.91%	1.953%
4	5.659	730	739	756	rBV	226808	648341	13.53%	2.220%
5	6.068	796	806	824	rVB2	203189	543712	11.35%	1.861%
6	6.860	926	936	964	rBV	348890	876872	18.30%	3.002%
7	8.719	1234	1241	1266	rBV	784783	1389538	29.01%	4.757%
8	10.116	1464	1470	1480	rBV	727025	1046598	21.85%	3.583%
9	11.018	1613	1618	1625	rBV	48887	66686	1.39%	0.228%
10	11.140	1632	1638	1653	rBV	729011	975374	20.36%	3.339%
11	11.768	1733	1741	1745	rBV	40766	60784	1.27%	0.208%
12	11.945	1768	1770	1778	rVB	75912	95903	2.00%	0.328%
13	12.079	1786	1792	1800	rBV	939725	1197451	25.00%	4.100%
14	12.231	1812	1817	1822	rBV	99001	130436	2.72%	0.447%
15	12.298	1822	1828	1835	rVV	1662246	2174872	45.40%	7.446%
16	12.371	1835	1840	1847	rVB2	94967	153780	3.21%	0.526%
17	12.463	1849	1855	1862	rBV	206318	276051	5.76%	0.945%
18	12.670	1881	1889	1892	rBV	1005981	1170634	24.44%	4.008%
19	12.700	1892	1894	1899	rVV	386936	455347	9.51%	1.559%
20	12.755	1899	1903	1910	rVV2	1155991	1790311	37.37%	6.129%
21	12.896	1919	1926	1931	rVB	150333	204214	4.26%	0.699%
22	12.981	1931	1940	1945	rBV	849936	1115999	23.30%	3.821%
23	13.085	1952	1957	1963	rVB3	66447	105816	2.21%	0.362%
24	13.152	1963	1968	1971	rBV	70964	90964	1.90%	0.311%
25	13.194	1971	1975	1977	rVV2	134496	172722	3.61%	0.591%
26	13.225	1977	1980	1989	rVV	422198	568829	11.87%	1.947%
27	13.347	1989	2000	2007	rVV2	3481967	4790537	100.00%	16.401%
28	13.408	2007	2010	2011	rVV2	56226	69944	1.46%	0.239%
29	13.426	2011	2013	2019	rVV2	54041	78040	1.63%	0.267%
30	13.481	2019	2022	2028	rVB	60684	76051	1.59%	0.260%
31	13.566	2028	2036	2038	rBV	86299	122676	2.56%	0.420%
32	13.603	2038	2042	2045	rVV	165917	237296	4.95%	0.812%
33	13.639	2045	2048	2052	rVV2	290753	427790	8.93%	1.465%
34	13.700	2052	2058	2059	rVV2	219847	348235	7.27%	1.192%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004742.D
Acq On : 27 Sep 2018 00:11
Operator : JC/MD
Sample : J5020-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-7-10.0-091918

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\82X092618W.M
Title : SW846 8260

35	13.725	2059	2062	2070	rVB3	343074	620871	12.96%	2.126%
36	13.810	2072	2076	2079	rBV	48996	58533	1.22%	0.200%
37	13.853	2079	2083	2088	rVB	128002	164405	3.43%	0.563%
38	13.914	2088	2093	2097	rBV	226490	281598	5.88%	0.964%
39	13.987	2097	2105	2109	rBV2	366886	503916	10.52%	1.725%
40	14.030	2109	2112	2116	rVB	117632	140993	2.94%	0.483%
41	14.133	2125	2129	2132	rBV	115203	150552	3.14%	0.515%
42	14.164	2132	2134	2138	rVB	104784	108327	2.26%	0.371%
43	14.286	2145	2154	2162	rBV	592746	1033762	21.58%	3.539%
44	14.377	2165	2169	2173	rVV	100605	126595	2.64%	0.433%
45	14.432	2173	2178	2183	rVV2	184249	264455	5.52%	0.905%
46	14.542	2190	2196	2206	rBV2	597507	774120	16.16%	2.650%
47	14.676	2212	2218	2224	rBV3	43812	95279	1.99%	0.326%
48	14.731	2224	2227	2232	rVB2	64148	77056	1.61%	0.264%
49	14.846	2241	2246	2249	rBV	79351	134368	2.80%	0.460%
50	14.962	2260	2265	2274	rBV5	26069	61620	1.29%	0.211%
51	15.249	2305	2312	2319	rBV2	56948	109119	2.28%	0.374%
52	15.444	2339	2344	2347	rBV	96181	136133	2.84%	0.466%
53	15.474	2347	2349	2355	rVB	71286	100855	2.11%	0.345%
54	15.548	2355	2361	2366	rBV	242388	393887	8.22%	1.349%
55	15.688	2375	2384	2397	rVB	536700	914026	19.08%	3.129%
56	15.810	2398	2404	2410	rBV3	32216	57498	1.20%	0.197%
57	15.919	2412	2422	2432	rVB2	131663	352816	7.36%	1.208%
58	16.072	2441	2447	2458	rVB	63911	118064	2.46%	0.404%
59	16.419	2496	2504	2512	rBV	40080	82389	1.72%	0.282%

Sum of corrected areas: 29208600

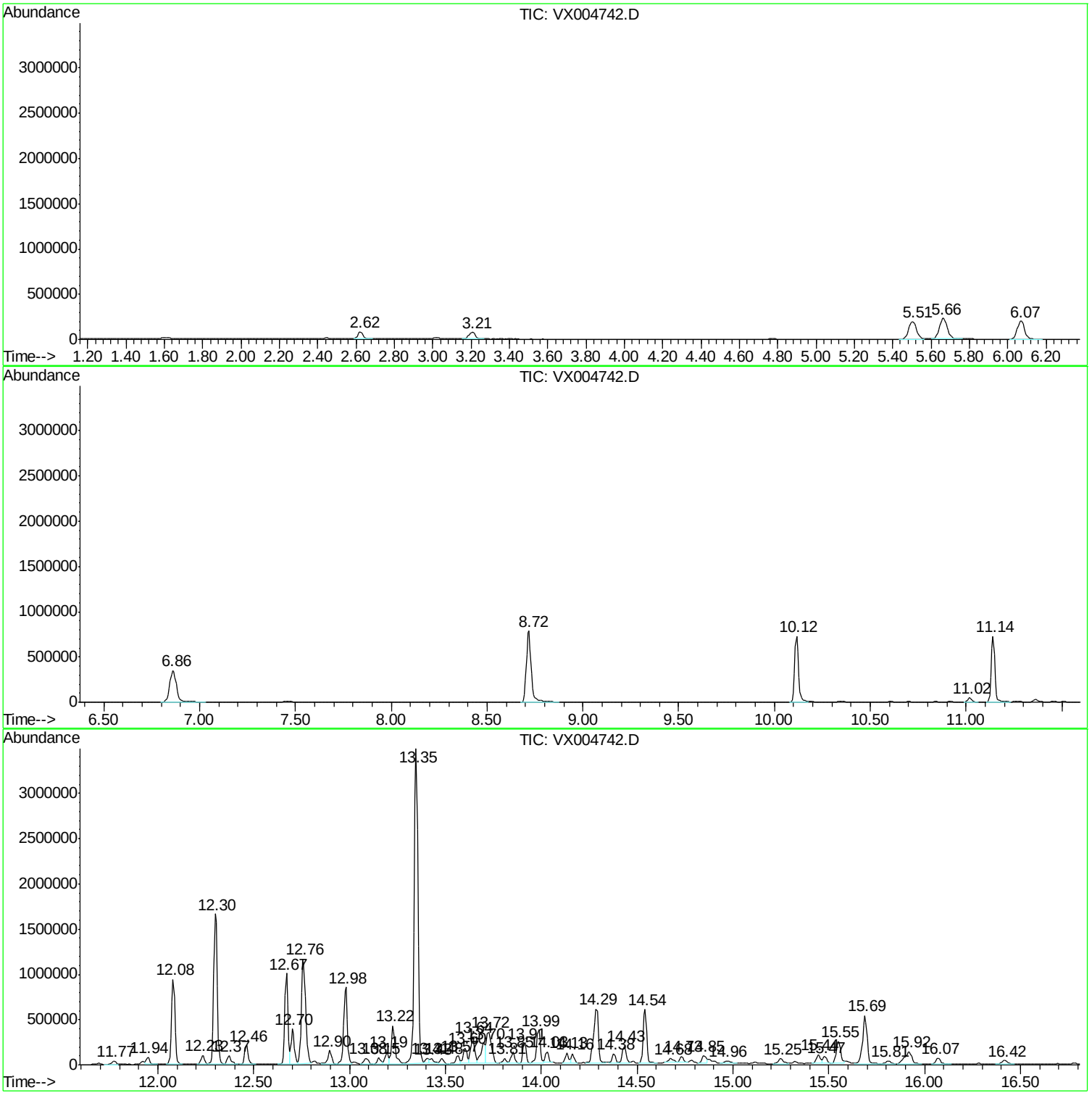
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004742.D
Acq On : 27 Sep 2018 00:11
Operator : JC/MD
Sample : J5020-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-7-10.0-091918

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.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\VX092618\
Data File : VX004742.D
Acq On : 27 Sep 2018 00:11
Operator : JC/MD
Sample : J5020-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-7-10.0-091918

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

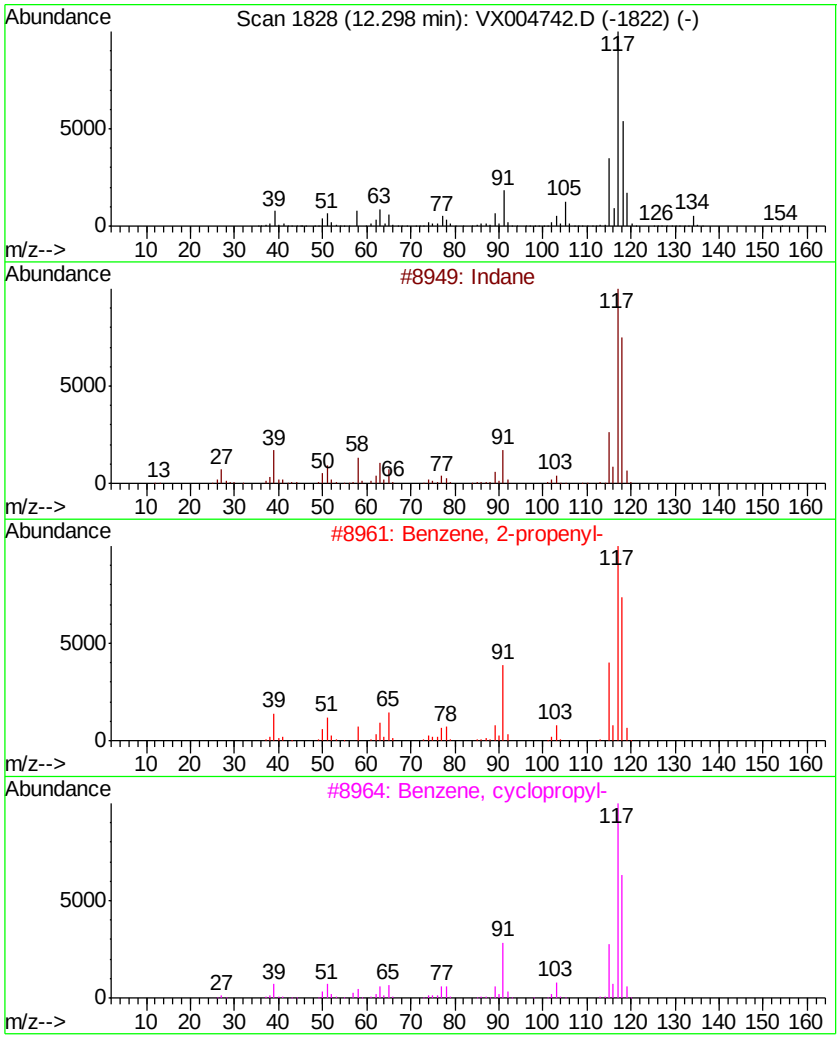
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

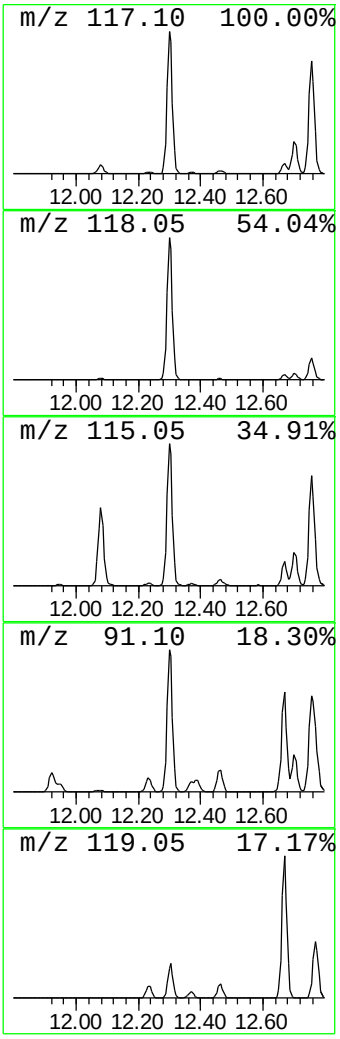
****

Peak Number 1 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	90.81 ug/l	2174870	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	74
5	Deltacyclene	118	C9H10	007785-10-6	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004742.D
Acq On : 27 Sep 2018 00:11
Operator : JC/MD
Sample : J5020-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-7-10.0-091918

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

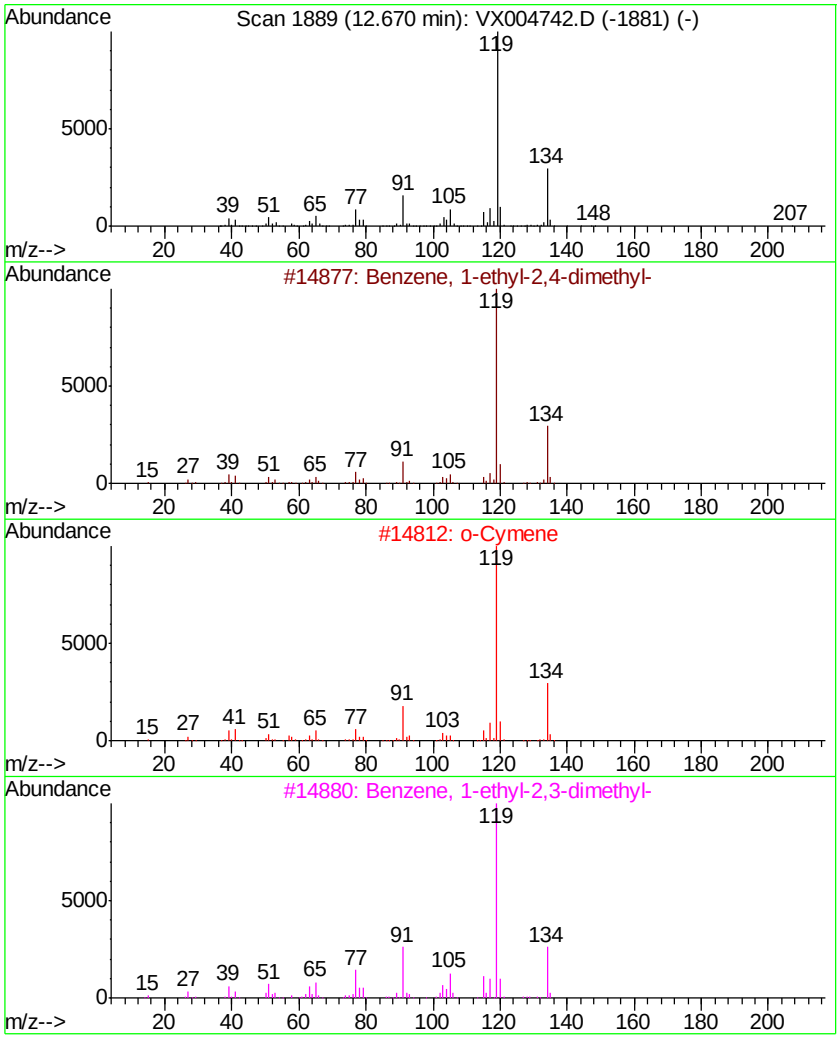
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

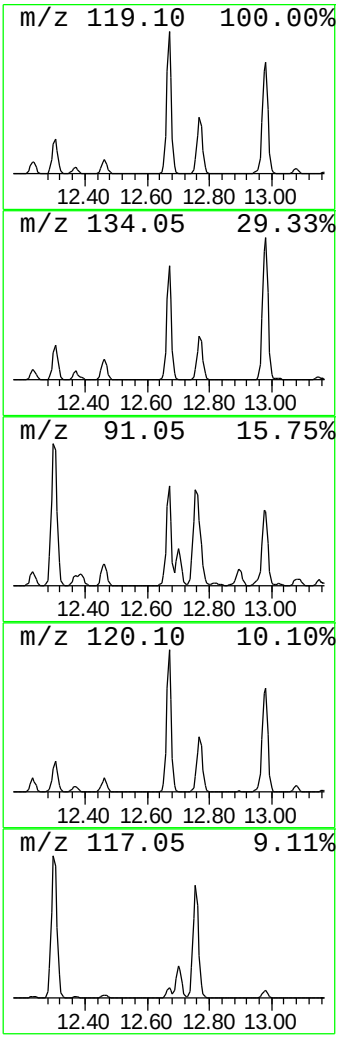
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	48.88 ug/l	1170630	1,4-Dichlorobenzene-d4	12.08

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, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004742.D
Acq On : 27 Sep 2018 00:11
Operator : JC/MD
Sample : J5020-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-7-10.0-091918

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

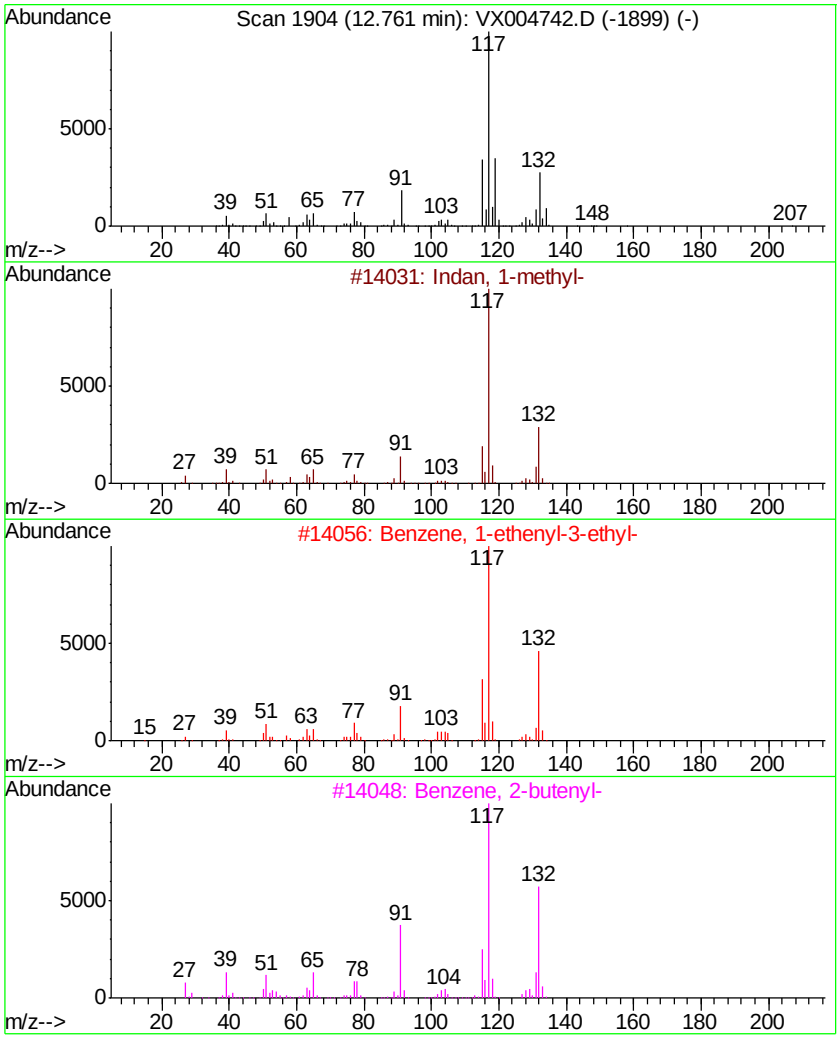
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

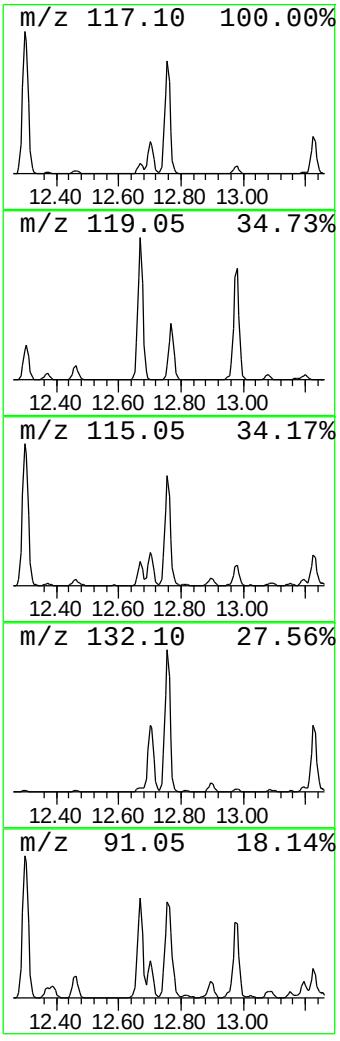
****

Peak Number 3 Indan, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	74.76 ug/l	1790310	1,4-Dichlorobenzene-d4	12.08

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	87
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	81
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004742.D
Acq On : 27 Sep 2018 00:11
Operator : JC/MD
Sample : J5020-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-7-10.0-091918

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

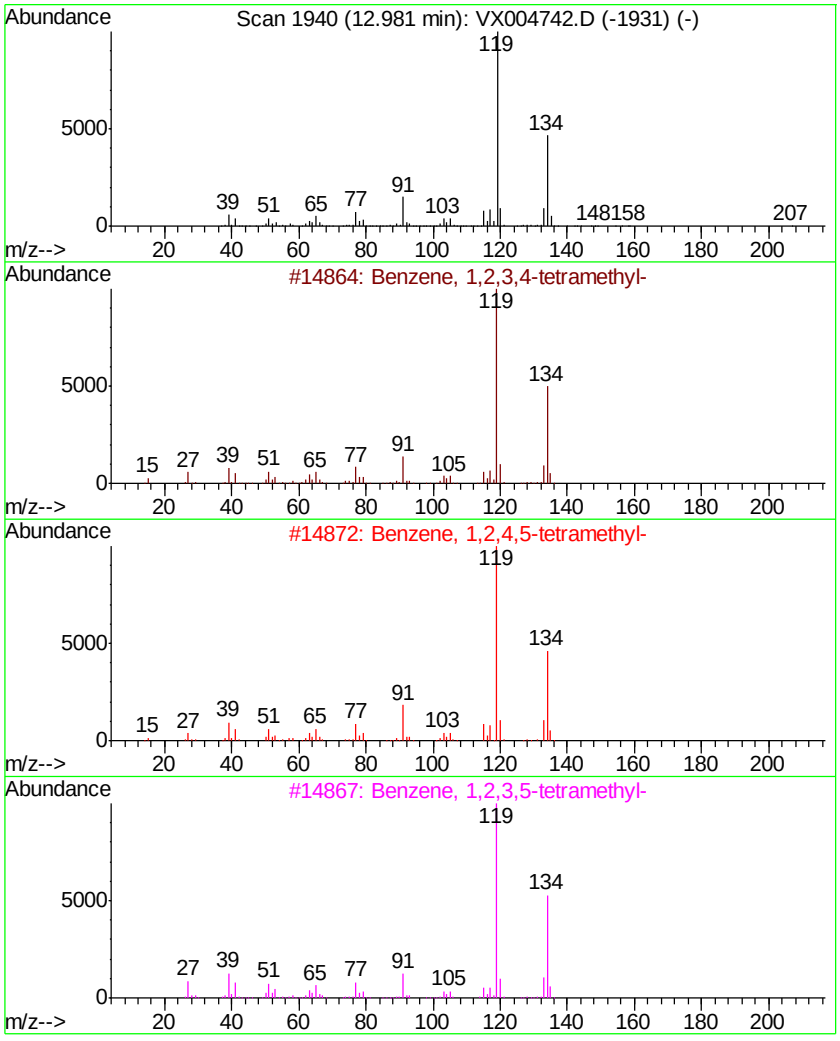
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

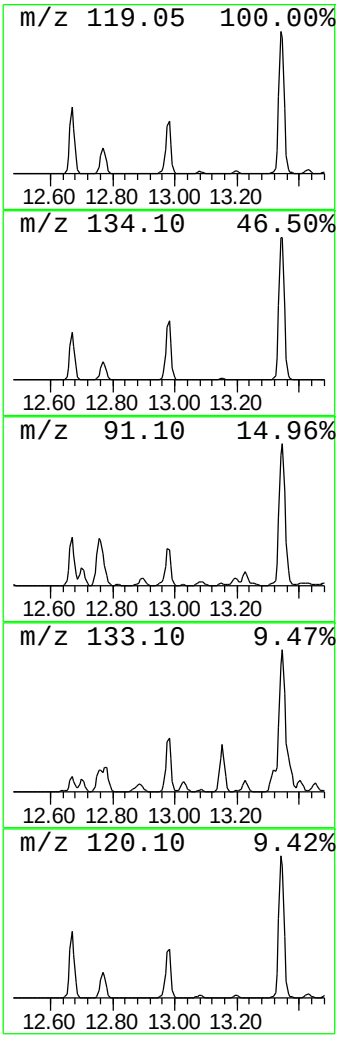
****

Peak Number 4 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	46.60 ug/l	1116000	1,4-Dichlorobenzene-d4	12.08

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	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004742.D
Acq On : 27 Sep 2018 00:11
Operator : JC/MD
Sample : J5020-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-7-10.0-091918

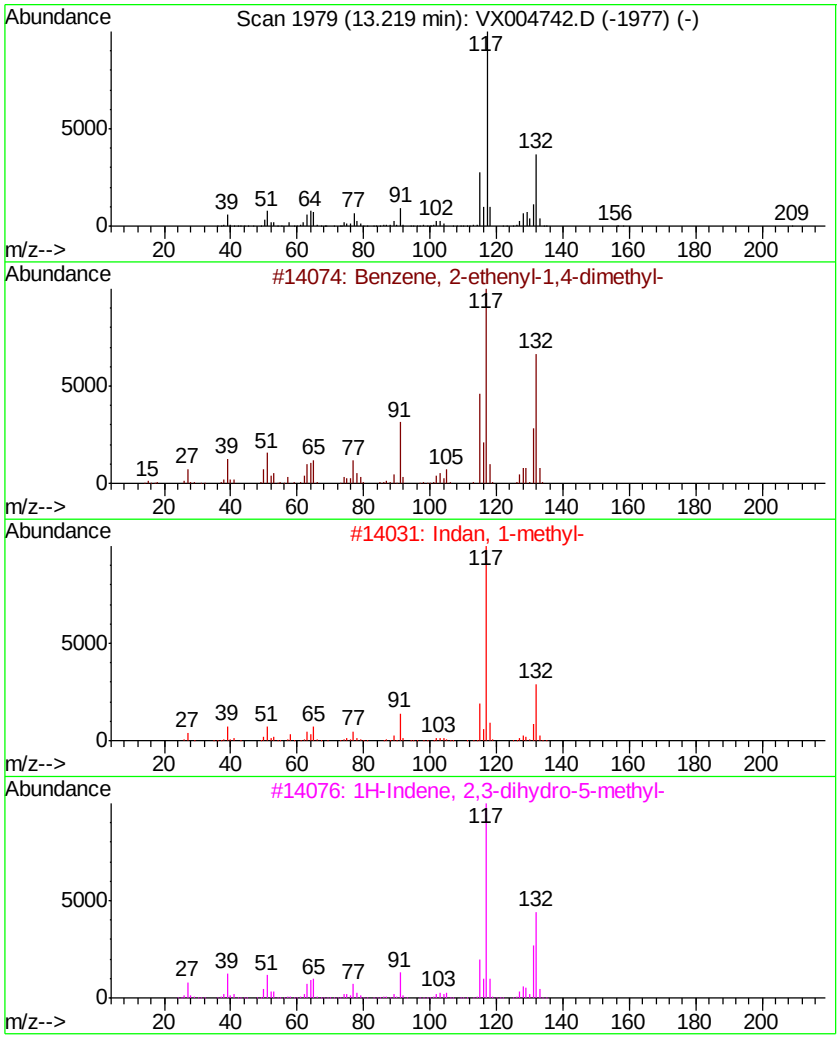
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

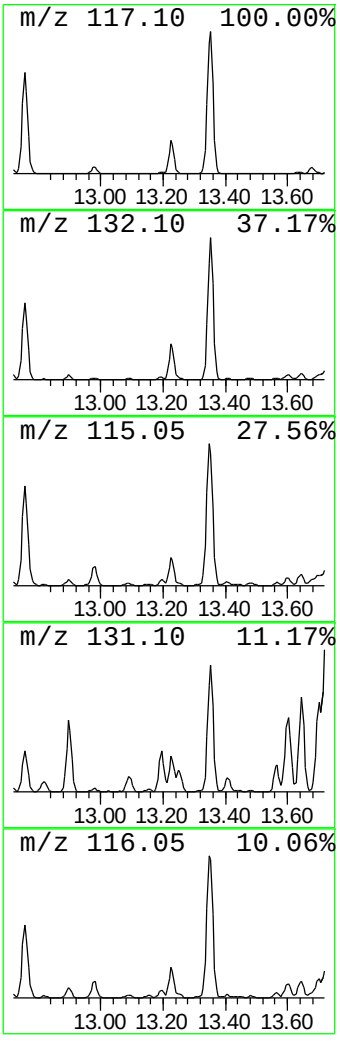
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	23.75 ug/l	568829	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004742.D
Acq On : 27 Sep 2018 00:11
Operator : JC/MD
Sample : J5020-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-7-10.0-091918

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

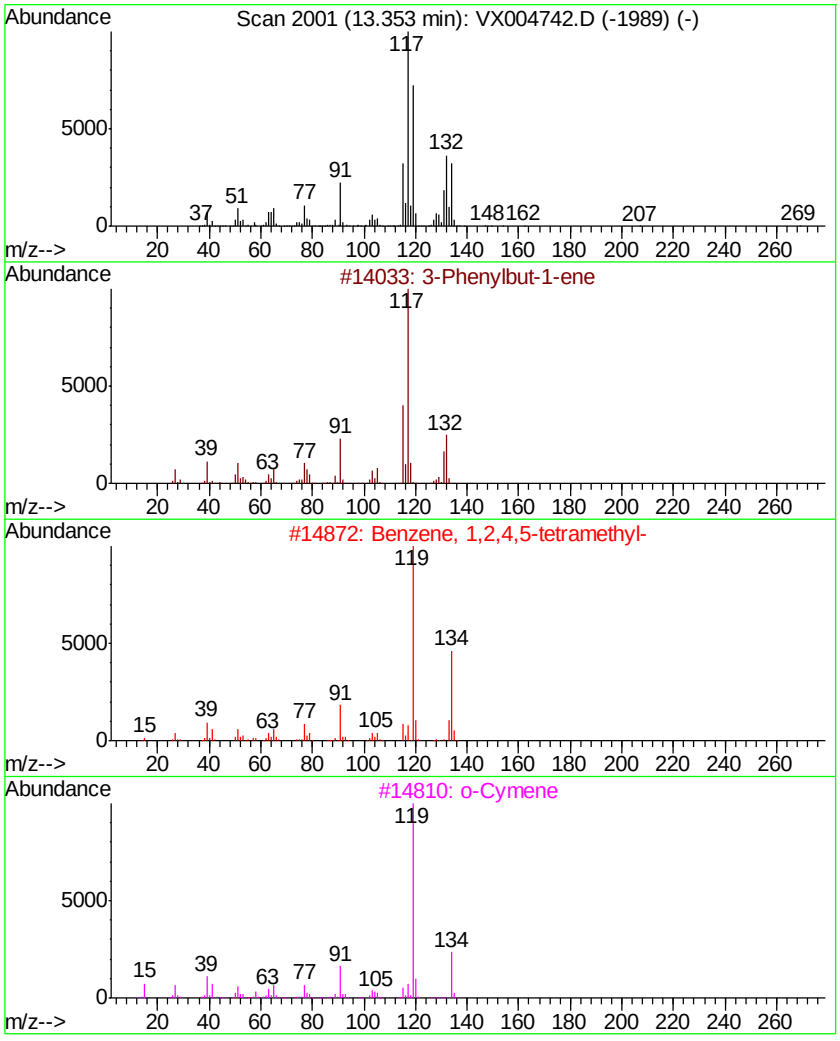
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

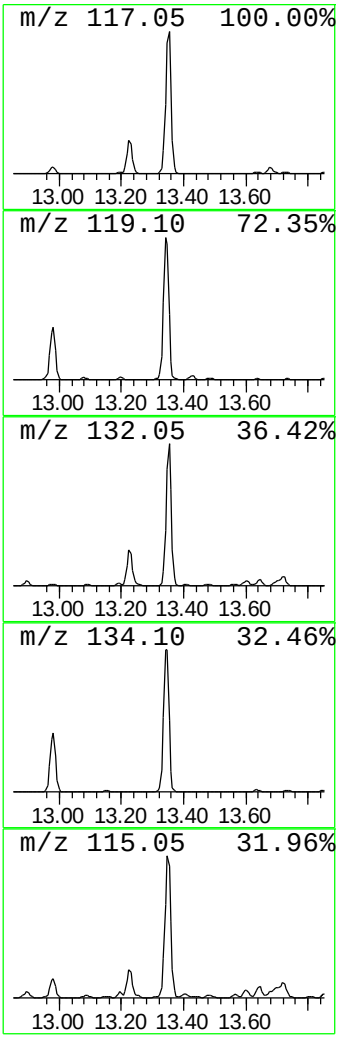
****

Peak Number 6 3-Phenylbut-1-ene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	200.03 ug/l	4790540	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3	o-Cymene	134	C10H14	000527-84-4	60
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	p-Cymene	134	C10H14	000099-87-6	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004742.D
Acq On : 27 Sep 2018 00:11
Operator : JC/MD
Sample : J5020-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-7-10.0-091918

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

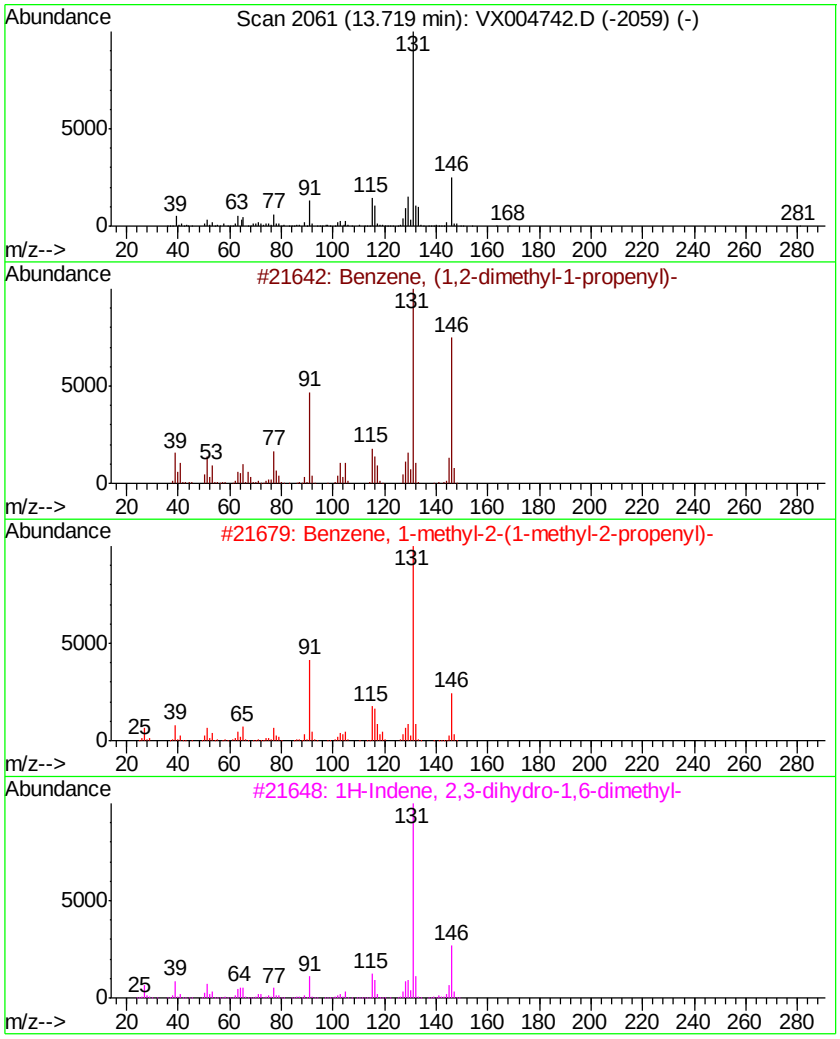
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

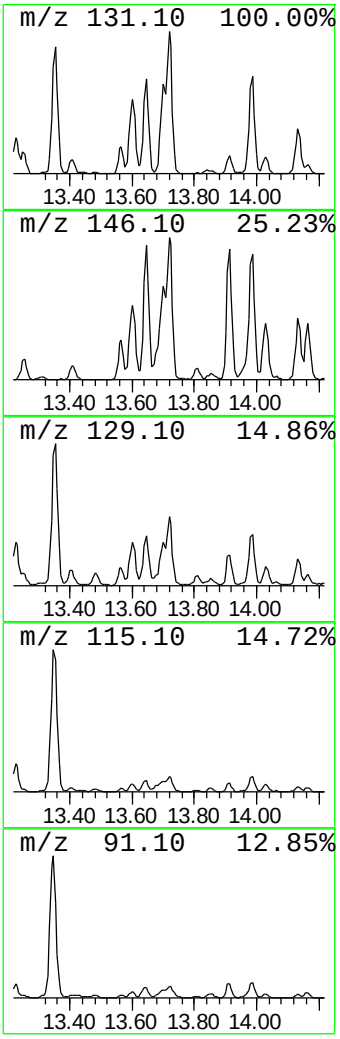
****

Peak Number 7 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	25.92 ug/l	620871	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	70
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004742.D
Acq On : 27 Sep 2018 00:11
Operator : JC/MD
Sample : J5020-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-7-10.0-091918

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

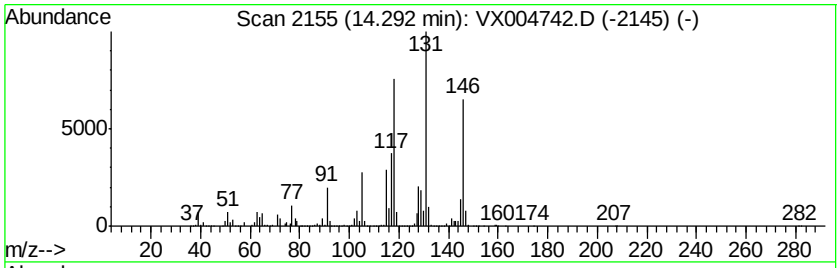
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

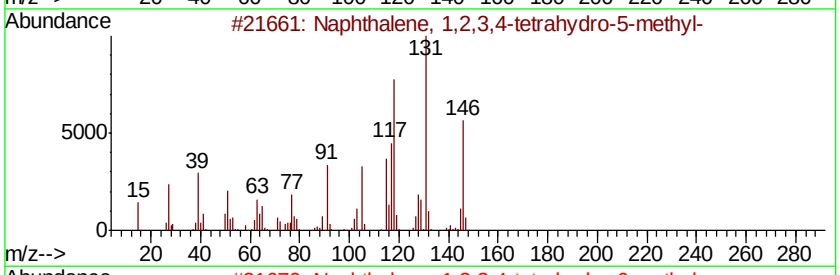
****

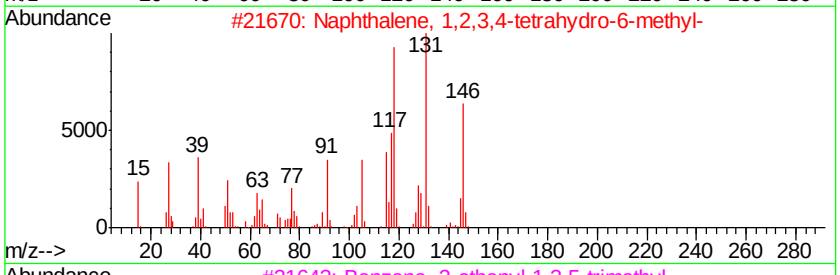
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

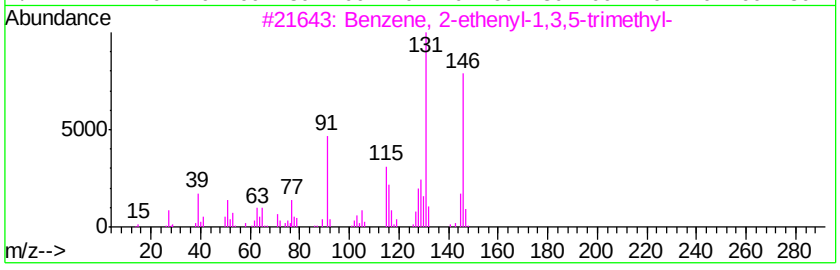
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	43.17 ug/l	1033760	1,4-Dichlorobenzene-d4	12.08

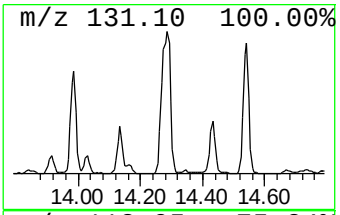
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	89
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70

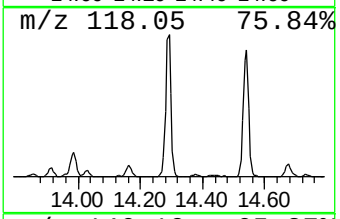


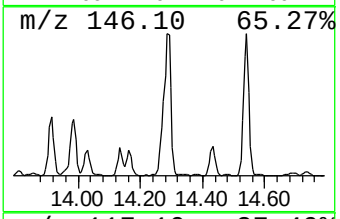


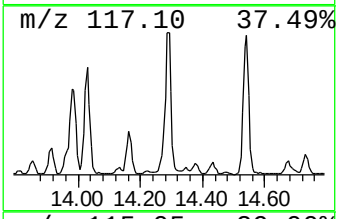


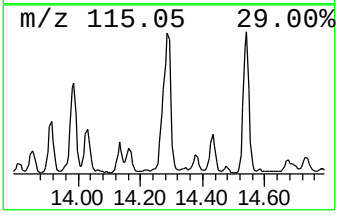












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004742.D
Acq On : 27 Sep 2018 00:11
Operator : JC/MD
Sample : J5020-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-7-10.0-091918

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

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

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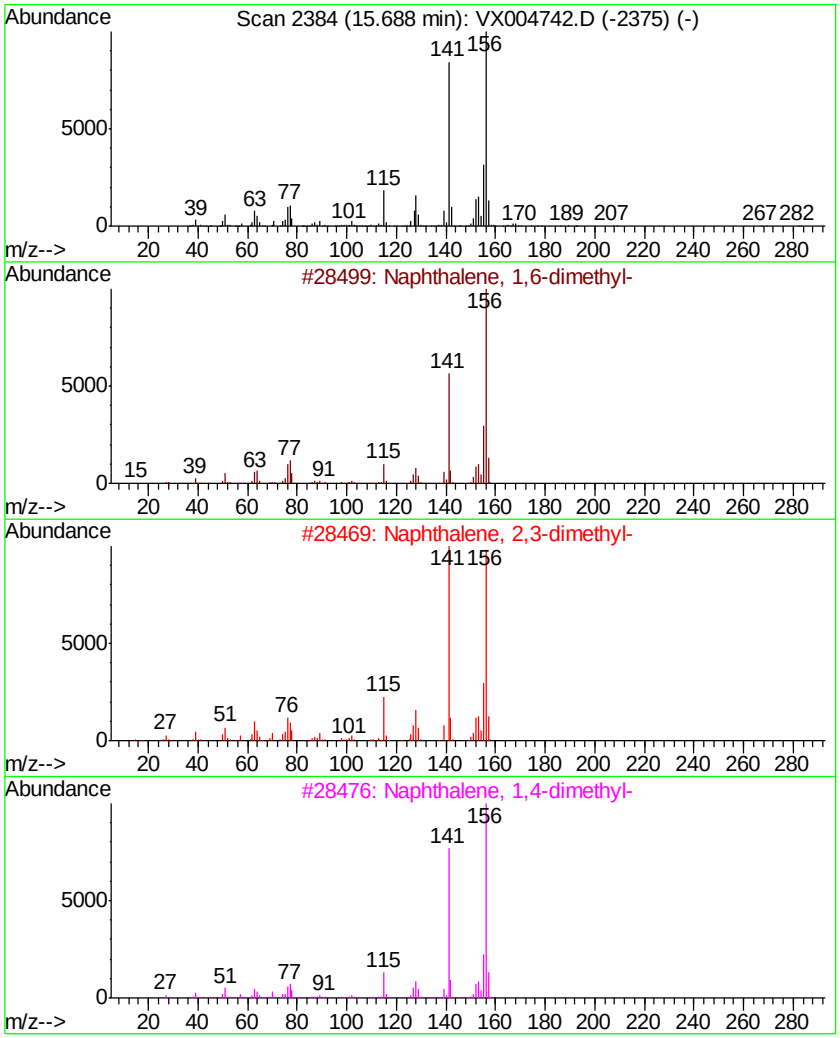
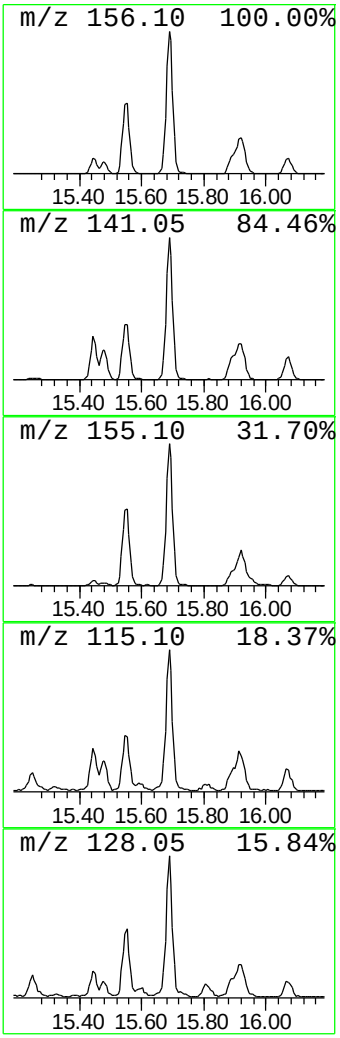
Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	38.17 ug/l	914026	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004742.D
Acq On : 27 Sep 2018 00:11
Operator : JC/MD
Sample : J5020-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-MW-7-10.0-091918

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.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
Indane	12.30	90.8	ug/l	2174870	4	12.08	1197450	50.0
Benzene, 1-ethyl-...	12.67	48.9	ug/l	1170630	4	12.08	1197450	50.0
Indan, 1-methyl-	12.76	74.8	ug/l	1790310	4	12.08	1197450	50.0
Benzene, 1,2,3,4-...	12.98	46.6	ug/l	1116000	4	12.08	1197450	50.0
Benzene, 2-etheny...	13.22	23.8	ug/l	568829	4	12.08	1197450	50.0
3-Phenylbut-1-ene	13.35	200.0	ug/l	4790540	4	12.08	1197450	50.0
Benzene, (1,2-dim...	13.72	25.9	ug/l	620871	4	12.08	1197450	50.0
Naphthalene, 1,2,...	14.29	43.2	ug/l	1033760	4	12.08	1197450	50.0
Naphthalene, 1,6-...	15.69	38.2	ug/l	914026	4	12.08	1197450	50.0