LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010728.D
Acq On : 09 Jul 2019 04:40
Operator : JC/SP
Sample : K3690-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190703

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\82X061919W.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	206	211	221	rBV	53703	90981	1.18%	0.360%
2	5.501	702	713	723	rBV	128117	362305	4.70%	1.432%
3	5.659	729	739	753	rVB	212710	599292	7.78%	2.370%
4	6.061	796	805	813	rBV	125550	327384	4.25%	1.294%
5	6.147	813	819	831	rVB2	29542	79205	1.03%	0.313%
6	6.860	925	936	949	rBV	325056	763244	9.90%	3.018%
7	8.713	1224	1240	1248	rBV	685093	1092423	14.18%	4.319%
8	10.140	1464	1474	1480	rBV2	5083054	7706606	100.00%	30.471%
9	10.835	1585	1588	1593	rVB	73630	94746	1.23%	0.375%
10	10.914	1596	1601	1609	rBV6	62594	135927	1.76%	0.537%
11	11.018	1613	1618	1621	rBV	115675	158909	2.06%	0.628%
12	11.067	1621	1626	1632	rVB4	72872	116299	1.51%	0.460%
13	11.134	1632	1637	1642	rBV	616981	793156	10.29%	3.136%
14	11.182	1642	1645	1648	rVB	73289	83519	1.08%	0.330%
15	11.280	1657	1661	1669	rVB3	97139	151894	1.97%	0.601%
16	11.359	1670	1674	1677	rBV	71005	89174	1.16%	0.353%
17	11.670	1720	1725	1732	rBV4	133036	217876	2.83%	0.861%
18	11.768	1737	1741	1745	rBV	144687	174445	2.26%	0.690%
19	11.914	1758	1765	1767	rBV3	137589	230695	2.99%	0.912%
20	11.945	1767	1770	1775	rVB	180394	239444	3.11%	0.947%
21	12.079	1787	1792	1797	rBV	745629	973519	12.63%	3.849%
22	12.231	1812	1817	1823	rVB	591611	725720	9.42%	2.869%
23	12.298	1823	1828	1833	rBV	686194	840985	10.91%	3.325%
24	12.365	1835	1839	1847	rVB3	193248	293608	3.81%	1.161%
25	12.463	1847	1855	1862	rBV3	104612	195589	2.54%	0.773%
26	12.664	1880	1888	1891	rBV	308914	398596	5.17%	1.576%
27	12.700	1891	1894	1899	rVV2	436975	622603	8.08%	2.462%
28	12.755	1899	1903	1910	rVV2	1475286	2386786	30.97%	9.437%
29	12.810	1910	1912	1917	rVB	106008	142069	1.84%	0.562%
30	12.896	1917	1926	1931	rBV2	461458	761888	9.89%	3.012%
31	12.975	1931	1939	1944	rBV2	436564	692148	8.98%	2.737%
32	13.030	1944	1948	1953	rBV2	64056	104856	1.36%	0.415%
33	13.085	1953	1957	1962	rVB3	171226	249881	3.24%	0.988%
34	13.188	1970	1974	1977	rBV	130523	154945	2.01%	0.613%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010728.D
Acq On : 09 Jul 2019 04:40
Operator : JC/SP
Sample : K3690-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190703

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\82X061919W.M
Title : SW846 8260

35	13.225	1977	1980	1982	rVV	85813	101431	1.32%	0.401%
36	13.249	1982	1984	1988	rVB	93024	97535	1.27%	0.386%
37	13.347	1996	2000	2005	rVB2	465271	583495	7.57%	2.307%
38	13.402	2005	2009	2014	rVB4	90208	120240	1.56%	0.475%
39	13.475	2014	2021	2026	rBV3	106216	177213	2.30%	0.701%
40	13.597	2038	2041	2044	rVV	81714	107517	1.40%	0.425%
41	13.639	2044	2048	2051	rVV2	72408	102155	1.33%	0.404%
42	13.694	2051	2057	2059	rVV2	83844	151898	1.97%	0.601%
43	13.719	2059	2061	2067	rVB4	101632	160805	2.09%	0.636%
44	13.847	2079	2082	2087	rVB3	50893	80208	1.04%	0.317%
45	13.938	2093	2097	2101	rBV	140782	177486	2.30%	0.702%
46	14.036	2107	2113	2120	rVB5	48310	101194	1.31%	0.400%
47	14.151	2128	2132	2137	rVB3	51034	81434	1.06%	0.322%
48	14.261	2145	2150	2154	rBV2	113233	157393	2.04%	0.622%
49	14.383	2163	2170	2174	rBV3	92706	166436	2.16%	0.658%
50	14.426	2174	2177	2186	rVB3	58579	98570	1.28%	0.390%
51	14.700	2218	2222	2227	rBV3	93492	142875	1.85%	0.565%
52	14.834	2240	2244	2250	rVB	52243	78951	1.02%	0.312%
53	14.956	2258	2264	2272	rBV2	134261	233385	3.03%	0.923%
54	15.035	2272	2277	2286	rVB5	35412	96943	1.26%	0.383%
55	15.389	2330	2335	2344	rBV	126376	223987	2.91%	0.886%

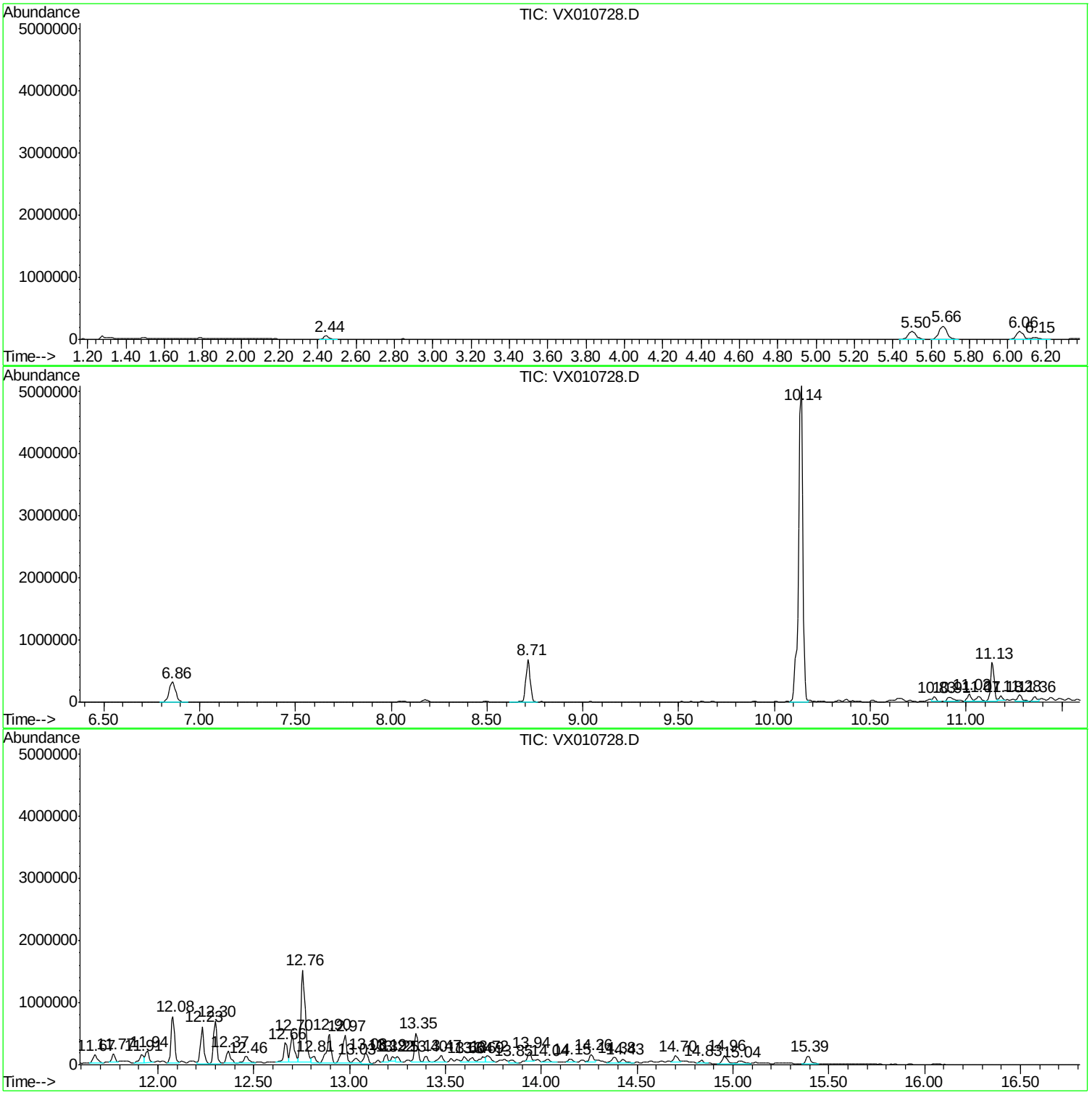
Sum of corrected areas: 25291868

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010728.D
Acq On : 09 Jul 2019 04:40
Operator : JC/SP
Sample : K3690-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS038MW009-190703

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.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\VX070819\
Data File : VX010728.D
Acq On : 09 Jul 2019 04:40
Operator : JC/SP
Sample : K3690-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190703

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

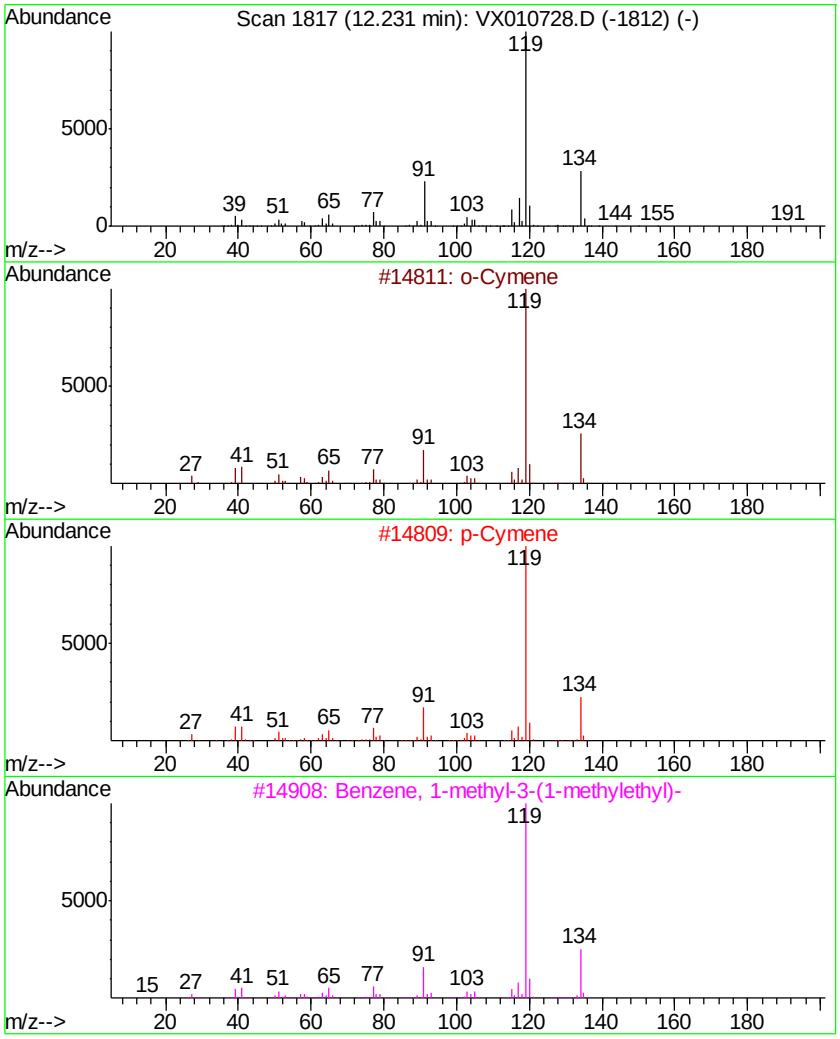
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

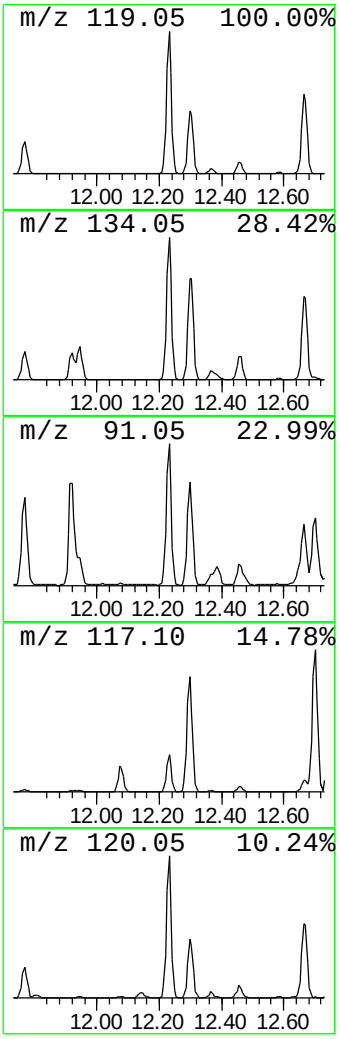
****

Peak Number 1 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	37.27 ug/l	725720	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	p-Cymene	134	C10H14	000099-87-6	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010728.D
Acq On : 09 Jul 2019 04:40
Operator : JC/SP
Sample : K3690-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190703

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

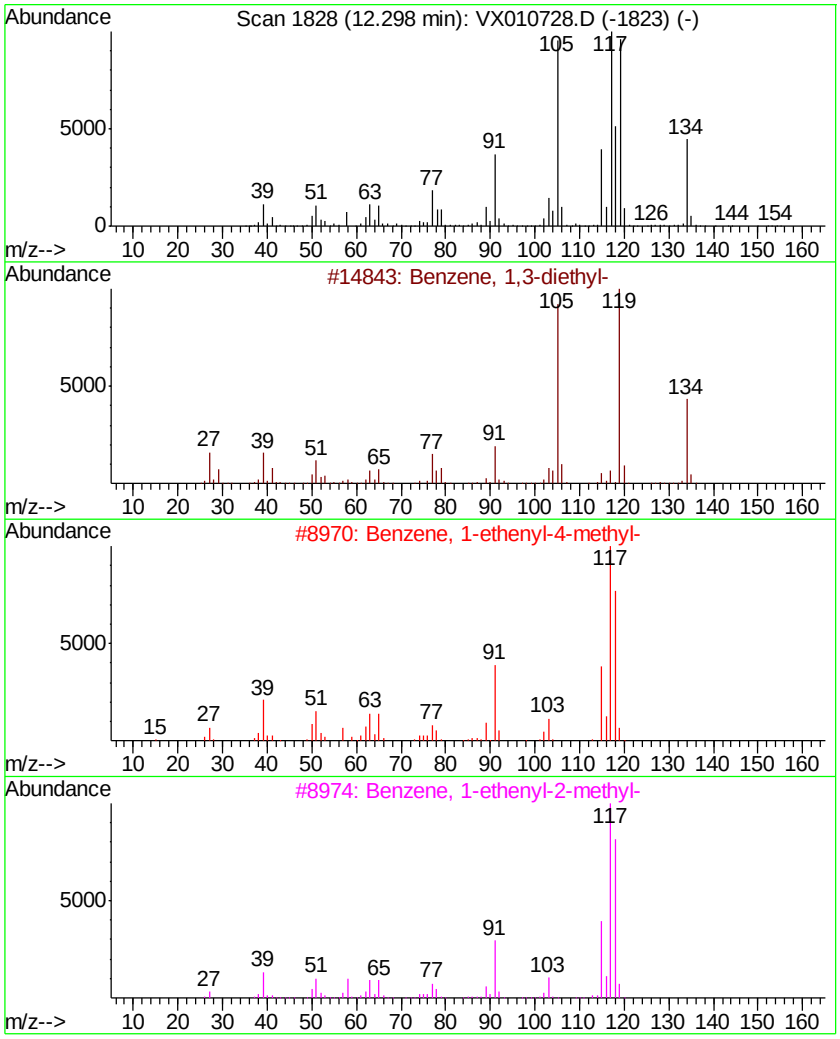
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

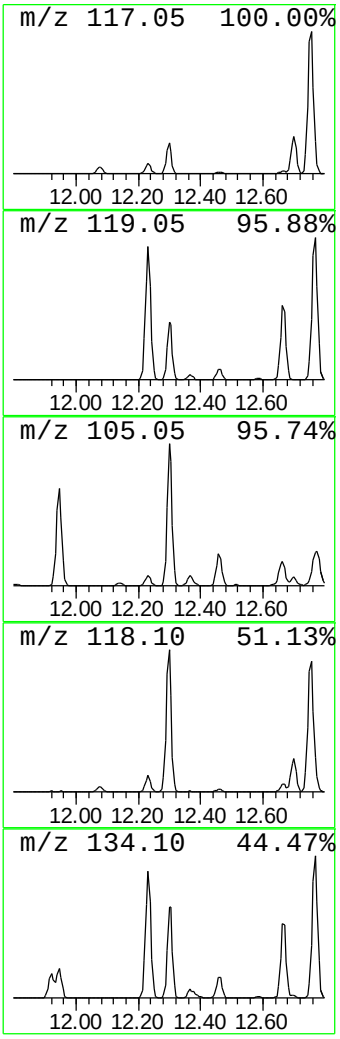
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	43.19 ug/l	840985	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	86
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	60
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	55
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010728.D
Acq On : 09 Jul 2019 04:40
Operator : JC/SP
Sample : K3690-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190703

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

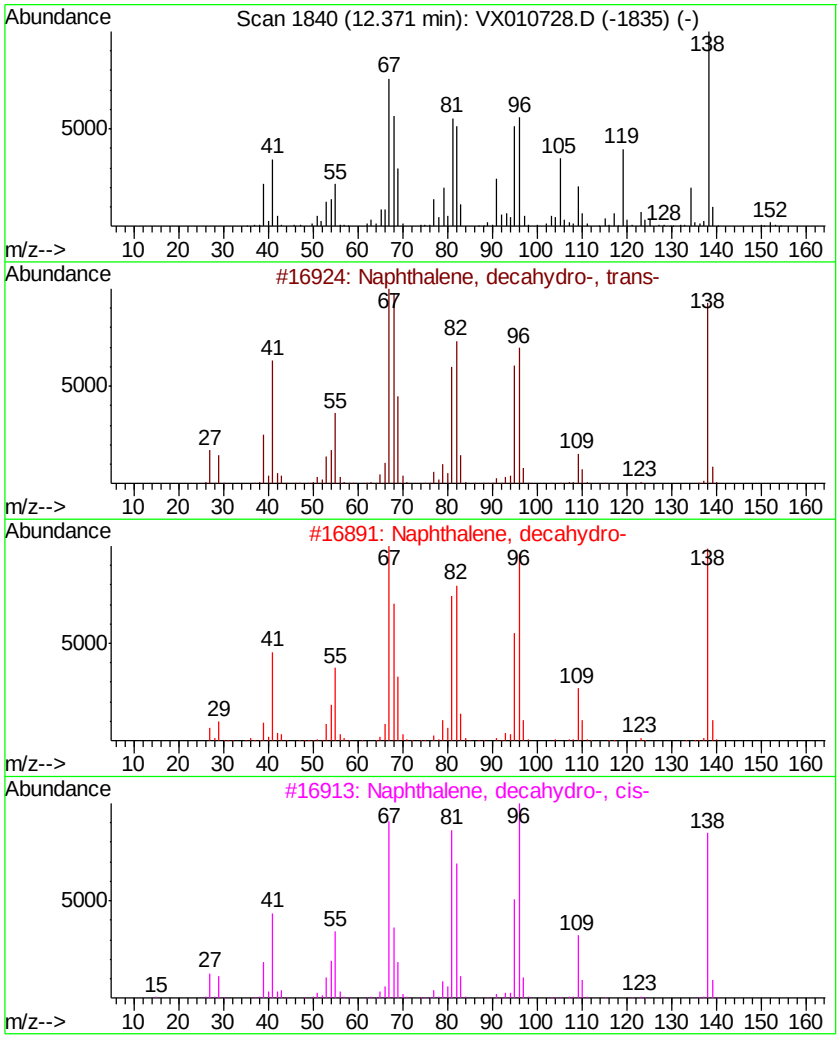
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

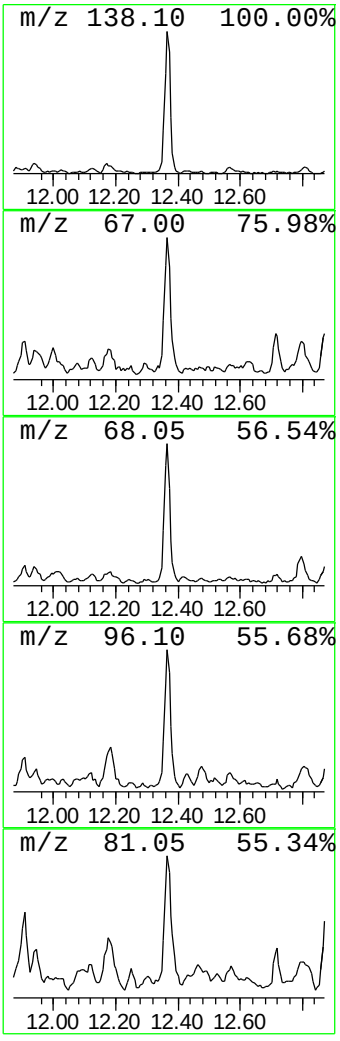
****

Peak Number 3 Naphthalene, decahydro-, tr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	15.08 ug/l	293608	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	98
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	93
4	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	76
5	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010728.D
Acq On : 09 Jul 2019 04:40
Operator : JC/SP
Sample : K3690-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190703

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

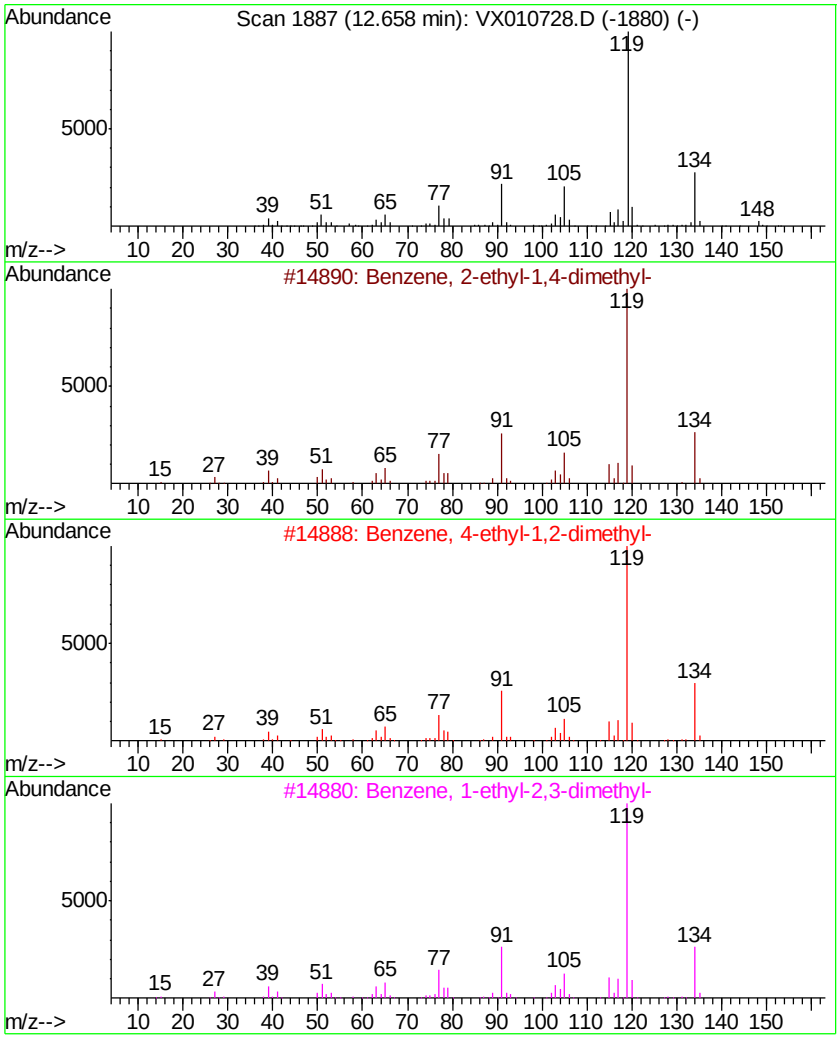
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

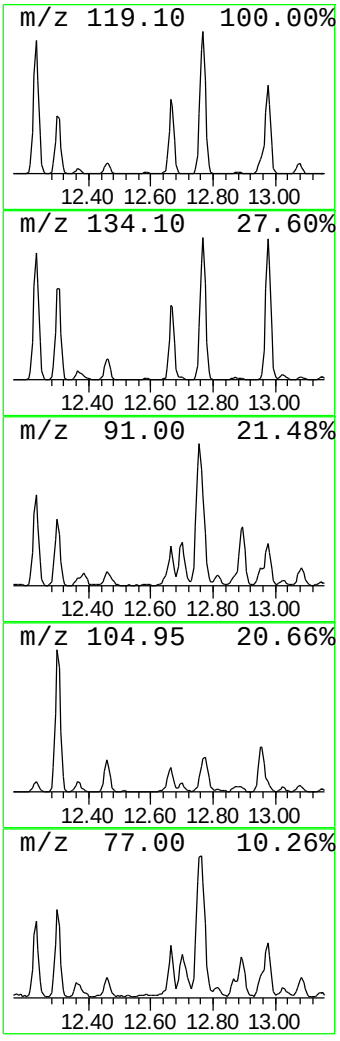
****

Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	20.47 ug/l	398596	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	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010728.D
Acq On : 09 Jul 2019 04:40
Operator : JC/SP
Sample : K3690-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190703

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

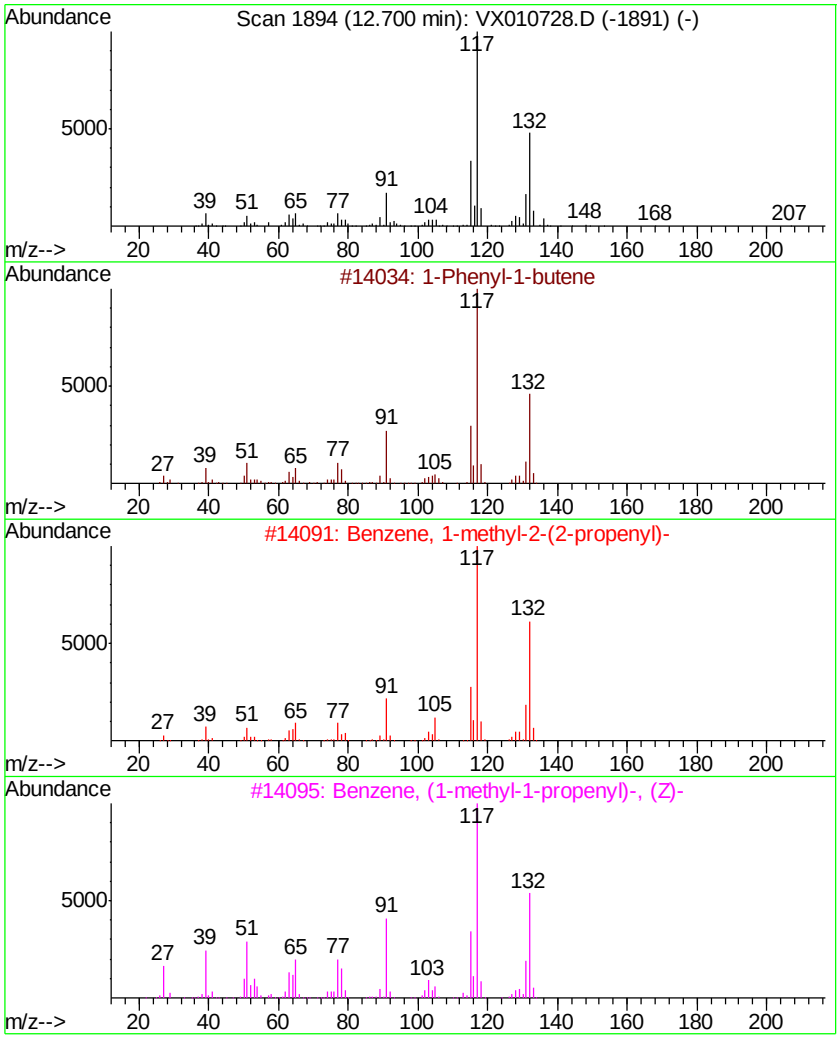
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

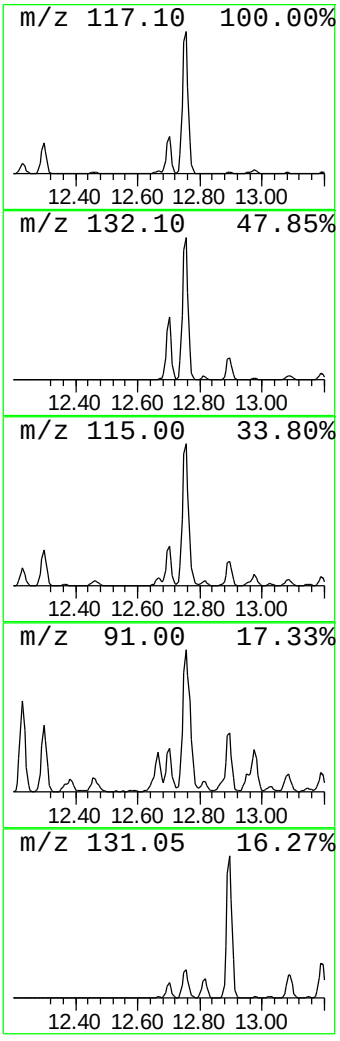
****

Peak Number 5 1-Phenyl-1-butene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	31.98 ug/l	622603	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	93
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010728.D
Acq On : 09 Jul 2019 04:40
Operator : JC/SP
Sample : K3690-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190703

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

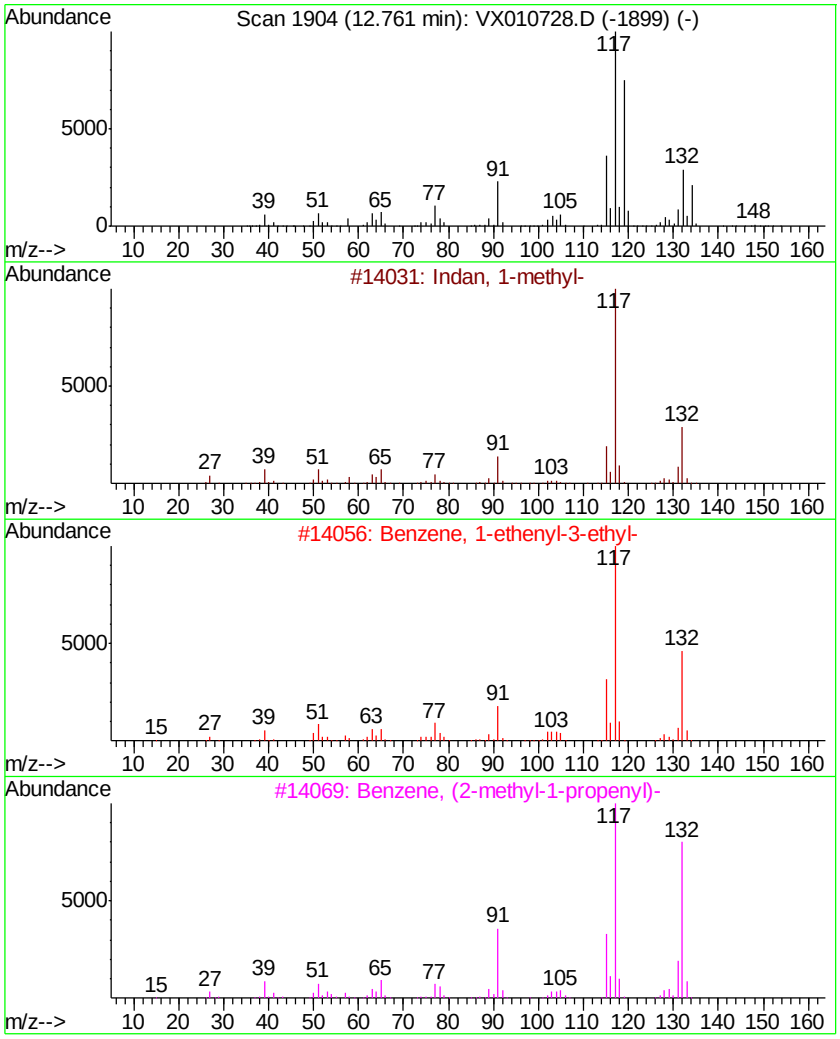
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

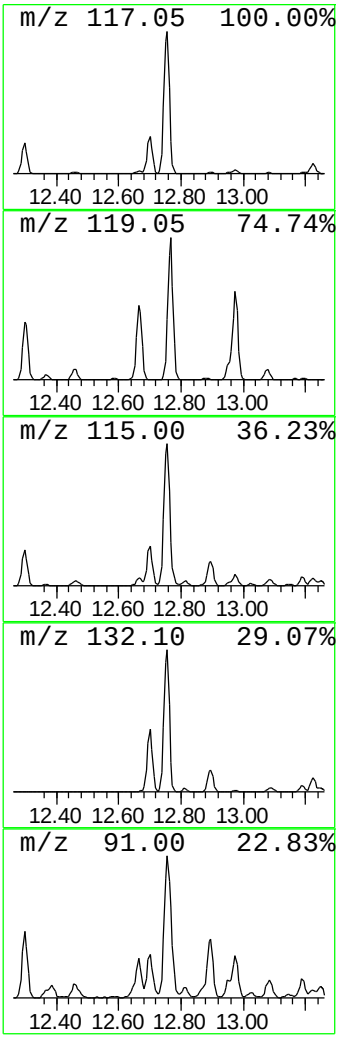
****

Peak Number 6 Indan, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	122.59 ug/l	2386790	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	81
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	76
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010728.D
Acq On : 09 Jul 2019 04:40
Operator : JC/SP
Sample : K3690-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190703

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

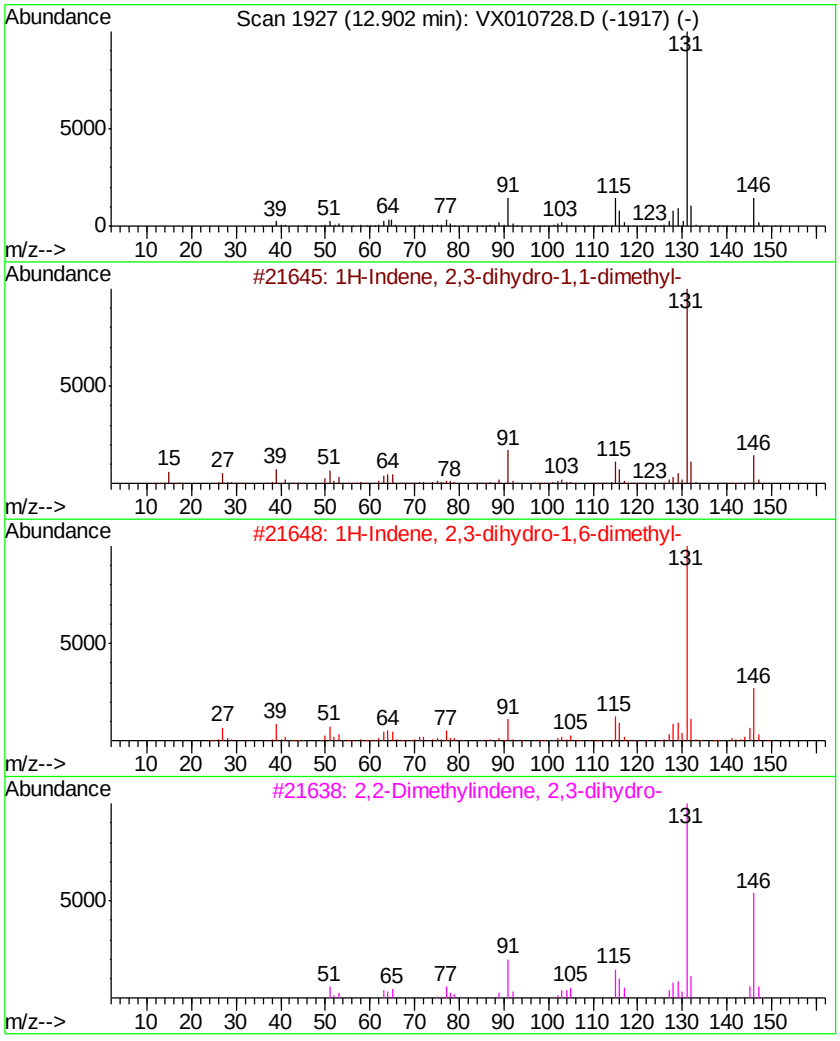
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

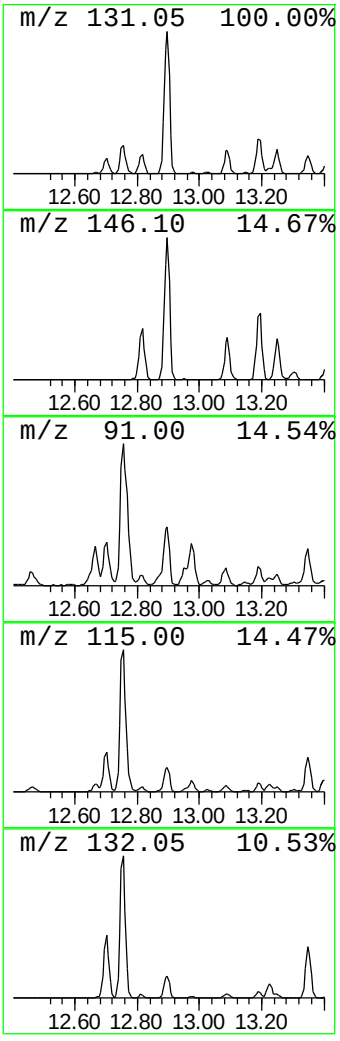
****

Peak Number 7 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	39.13 ug/l	761888	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010728.D
Acq On : 09 Jul 2019 04:40
Operator : JC/SP
Sample : K3690-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190703

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

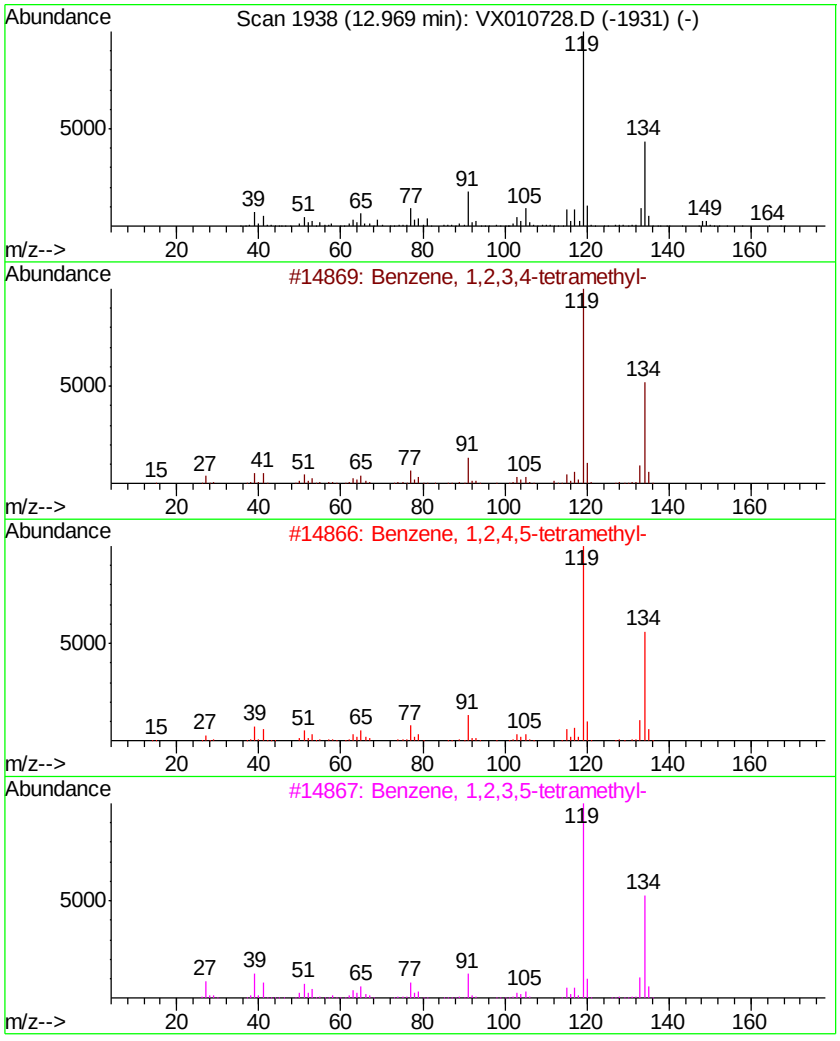
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

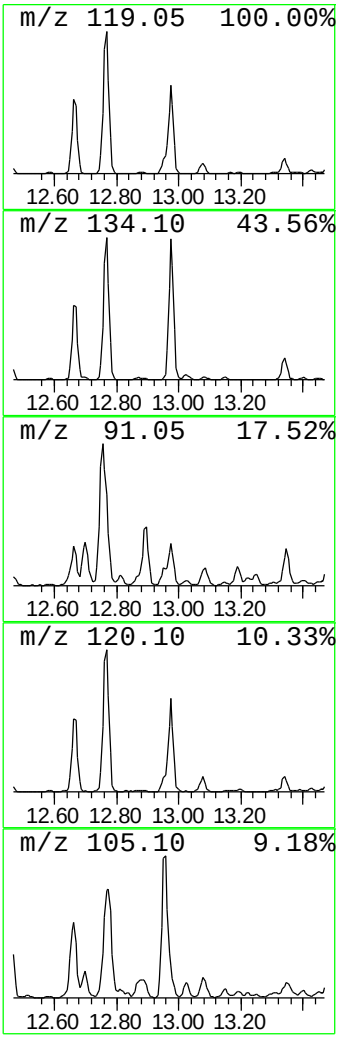
****

Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	35.55 ug/l	692148	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	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	o-Cymene	134	C10H14	000527-84-4	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010728.D
Acq On : 09 Jul 2019 04:40
Operator : JC/SP
Sample : K3690-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190703

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

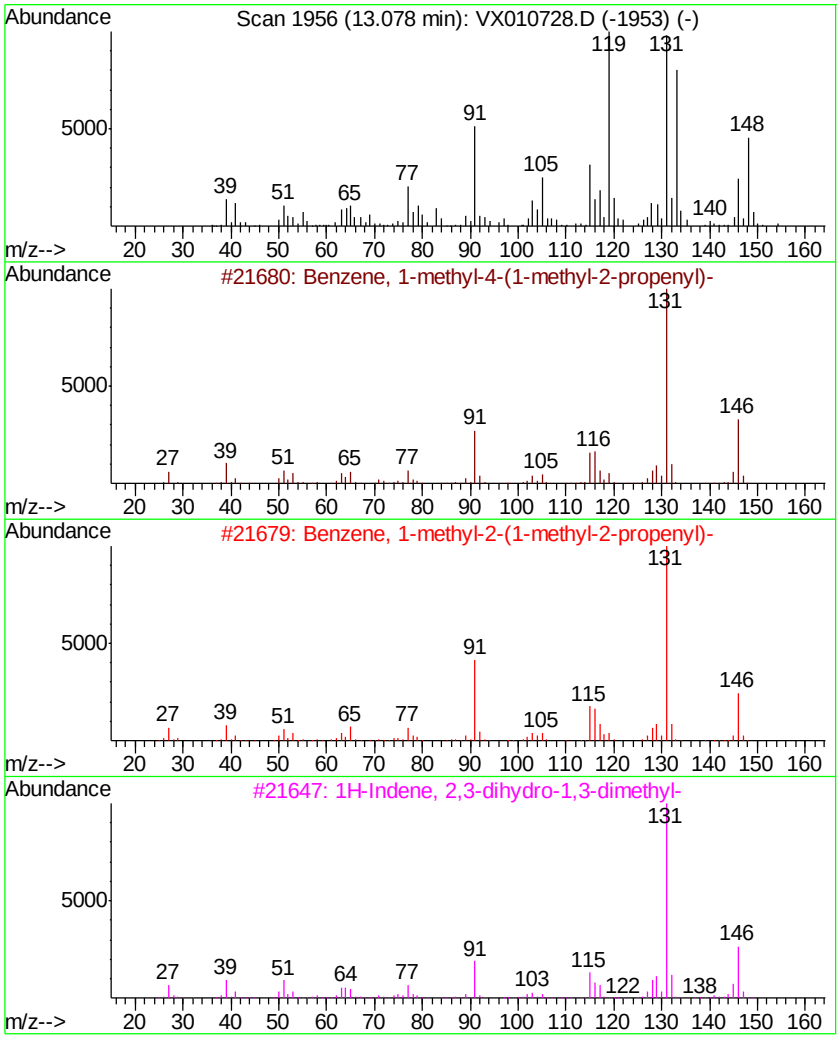
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

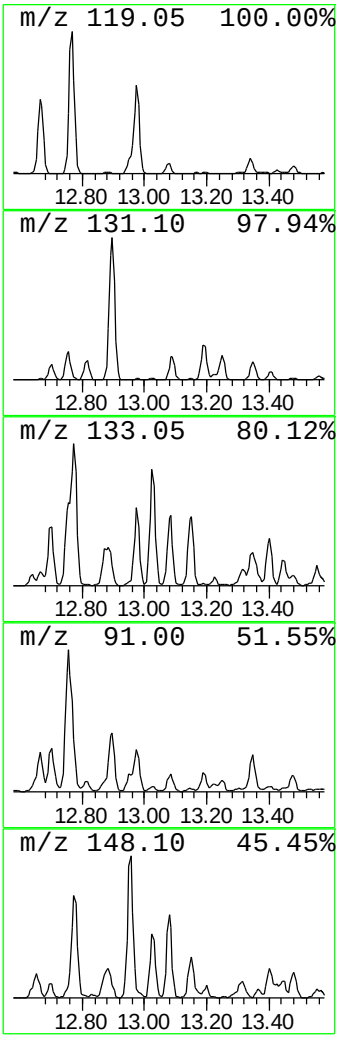
****

Peak Number 9 Benzene, 1-methyl-4-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	12.83 ug/l	249881	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	93
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	92
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	92
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	83
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010728.D
Acq On : 09 Jul 2019 04:40
Operator : JC/SP
Sample : K3690-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190703

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

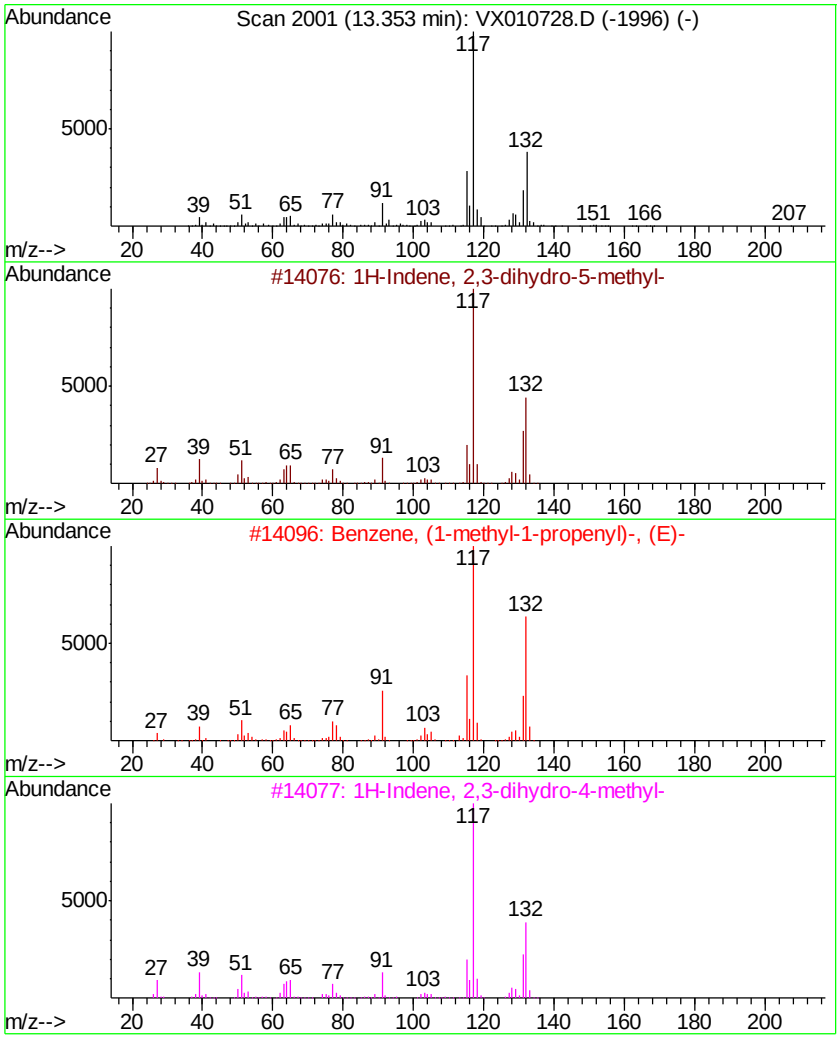
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

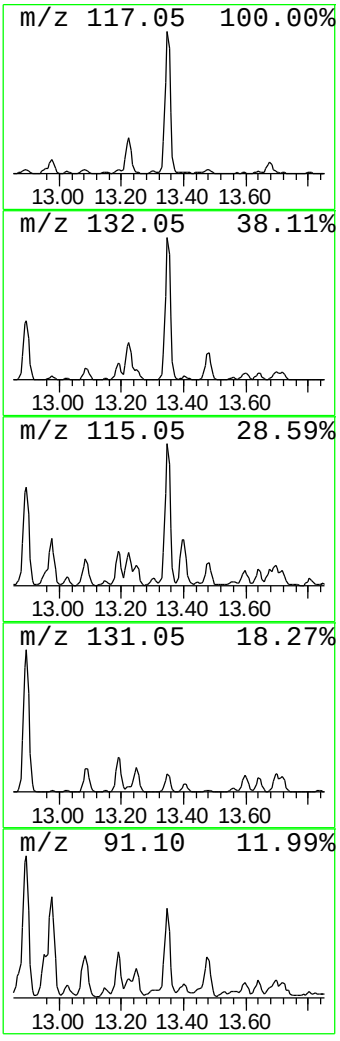
****

Peak Number 10 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	29.97 ug/l	583495	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	91
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010728.D
Acq On : 09 Jul 2019 04:40
Operator : JC/SP
Sample : K3690-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190703

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.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
o-Cymene	12.23	37.3	ug/l	725720	4	12.08	973519	50.0
Benzene, 1,3-diet...	12.30	43.2	ug/l	840985	4	12.08	973519	50.0
Naphthalene, deca...	12.37	15.1	ug/l	293608	4	12.08	973519	50.0
Benzene, 2-ethyl-...	12.66	20.5	ug/l	398596	4	12.08	973519	50.0
1-Phenyl-1-butene	12.70	32.0	ug/l	622603	4	12.08	973519	50.0
Indan, 1-methyl-	12.76	122.6	ug/l	2386790	4	12.08	973519	50.0
1H-Indene, 2,3-di...	12.90	39.1	ug/l	761888	4	12.08	973519	50.0
Benzene, 1,2,3,4-...	12.97	35.5	ug/l	692148	4	12.08	973519	50.0
Benzene, 1-methyl...	13.08	12.8	ug/l	249881	4	12.08	973519	50.0
1H-Indene, 2,3-di...	13.35	30.0	ug/l	583495	4	12.08	973519	50.0