LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
Data File : VX003080.D
Acq On : 30 Jun 2018 15:50
Operator : JC/MD
Sample : J3675-15
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S73-0221

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\82X062518W.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	1.075	76	80	94	rBV	1100232	1413387	100.00%	12.853%
2	1.270	108	112	119	rBV	22169	45634	3.23%	0.415%
3	1.404	131	134	146	rVB	114734	147811	10.46%	1.344%
4	3.166	418	423	432	rVB6	6816	16532	1.17%	0.150%
5	4.605	649	659	669	rBV2	19621	57242	4.05%	0.521%
6	5.507	793	807	823	rBV	176765	511973	36.22%	4.656%
7	5.672	823	834	847	rVB	260868	733741	51.91%	6.672%
8	6.074	887	900	917	rBV	185449	483437	34.20%	4.396%
9	6.867	1019	1030	1045	rBV	372523	877088	62.06%	7.976%
10	8.720	1327	1334	1343	rBV	911923	1387826	98.19%	12.620%
11	10.116	1557	1563	1571	rBV	799420	1044683	73.91%	9.500%
12	11.140	1725	1731	1737	rBV	803195	996173	70.48%	9.059%
13	11.671	1812	1818	1824	rBV	47873	63886	4.52%	0.581%
14	11.921	1852	1859	1861	rBV2	15082	22524	1.59%	0.205%
15	11.951	1861	1864	1871	rVB	44735	54596	3.86%	0.496%
16	12.079	1880	1885	1893	rBV	954914	1192064	84.34%	10.840%
17	12.238	1906	1911	1915	rBV	25290	32949	2.33%	0.300%
18	12.305	1915	1922	1928	rVV	167859	221689	15.68%	2.016%
19	12.372	1929	1933	1943	rVB2	37949	64093	4.53%	0.583%
20	12.591	1965	1969	1974	rVB	10871	14206	1.01%	0.129%
21	12.670	1974	1982	1984	rBV5	10685	24855	1.76%	0.226%
22	12.707	1984	1988	1992	rVV	70098	92292	6.53%	0.839%
23	12.756	1992	1996	2004	rVB	82886	125076	8.85%	1.137%
24	12.896	2011	2019	2025	rVB3	32925	58904	4.17%	0.536%
25	12.957	2025	2029	2032	rBV	15450	21659	1.53%	0.197%
26	13.024	2037	2040	2046	rVB3	14918	22105	1.56%	0.201%
27	13.091	2046	2051	2058	rBV3	27555	39984	2.83%	0.364%
28	13.195	2058	2068	2071	rBV2	40212	60619	4.29%	0.551%
29	13.231	2071	2074	2076	rVV	40973	51776	3.66%	0.471%
30	13.256	2076	2078	2083	rVB2	16959	20363	1.44%	0.185%
31	13.353	2090	2094	2099	rBV2	56191	78242	5.54%	0.712%
32	13.408	2099	2103	2107	rVB3	16567	23145	1.64%	0.210%
33	13.567	2123	2129	2132	rBV	26333	36576	2.59%	0.333%
34	13.597	2132	2134	2138	rVV	23617	31544	2.23%	0.287%

LSC Area Percent Report

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Integration Parameters: RTEINT.P
Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Title : SW846 8260

35	13.646	2138	2142	2145	rVV3	24436	35398	2.50%	0.322%
36	13.725	2145	2155	2164	rVB2	118716	246211	17.42%	2.239%
37	13.810	2164	2169	2173	rBV	28416	38542	2.73%	0.350%
38	13.853	2173	2176	2182	rVB4	12881	22772	1.61%	0.207%
39	13.926	2182	2188	2192	rBV2	26639	45153	3.19%	0.411%
40	13.987	2192	2198	2202	rVB2	50514	70943	5.02%	0.645%
41	14.036	2202	2206	2209	rBV	17124	25378	1.80%	0.231%
42	14.134	2217	2222	2224	rBV2	13564	18677	1.32%	0.170%
43	14.164	2224	2227	2234	rVB2	25310	33272	2.35%	0.303%
44	14.274	2238	2245	2249	rBV4	12767	21762	1.54%	0.198%
45	14.438	2266	2272	2276	rBV3	33749	50918	3.60%	0.463%
46	14.548	2284	2290	2294	rBV3	29105	49163	3.48%	0.447%
47	14.664	2302	2309	2313	rBV	33895	55965	3.96%	0.509%
48	14.737	2317	2321	2325	rBV2	32669	44326	3.14%	0.403%
49	14.786	2325	2329	2334	rVB	12905	16820	1.19%	0.153%
50	14.853	2334	2340	2344	rBV2	34872	58738	4.16%	0.534%
51	14.969	2352	2359	2369	rVB5	9039	24658	1.74%	0.224%
52	15.328	2413	2418	2423	rBV5	12434	19990	1.41%	0.182%
53	15.597	2458	2462	2469	rVB7	7411	15410	1.09%	0.140%
54	15.670	2471	2474	2479	rVB4	10707	15714	1.11%	0.143%
55	15.810	2491	2497	2503	rBV3	7518	18133	1.28%	0.165%

Sum of corrected areas: 10996617

LSC Report - Integrated Chromatogram

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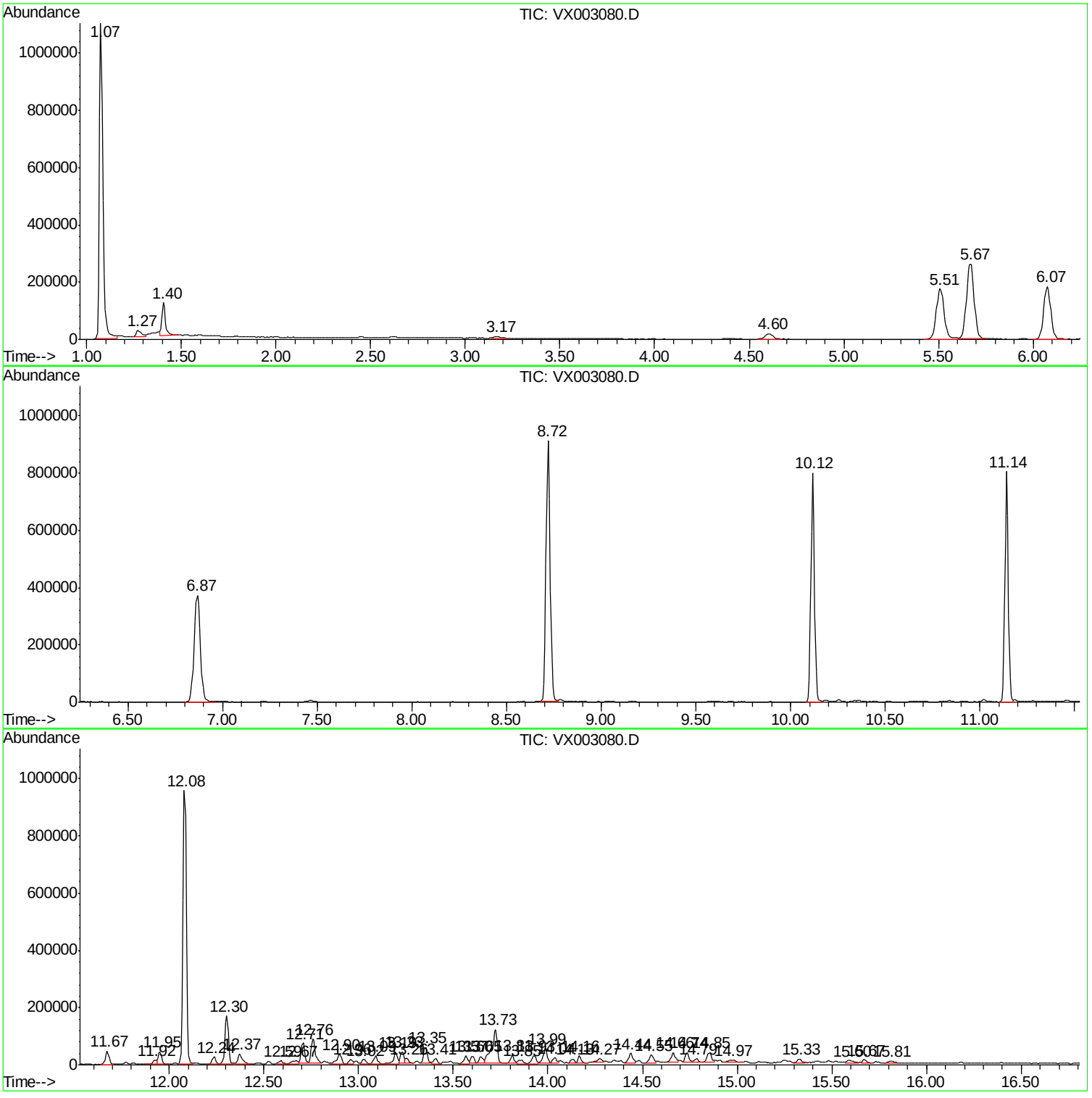
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S73-0221

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Quant Title : SW846 8260

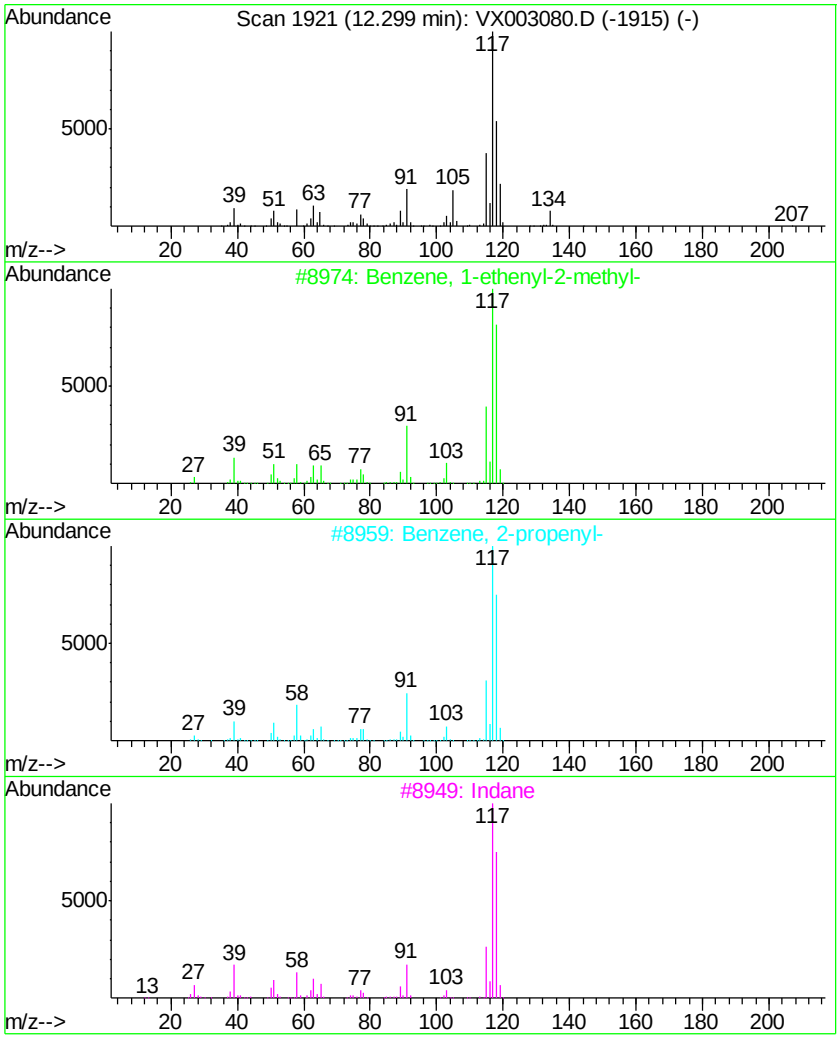
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

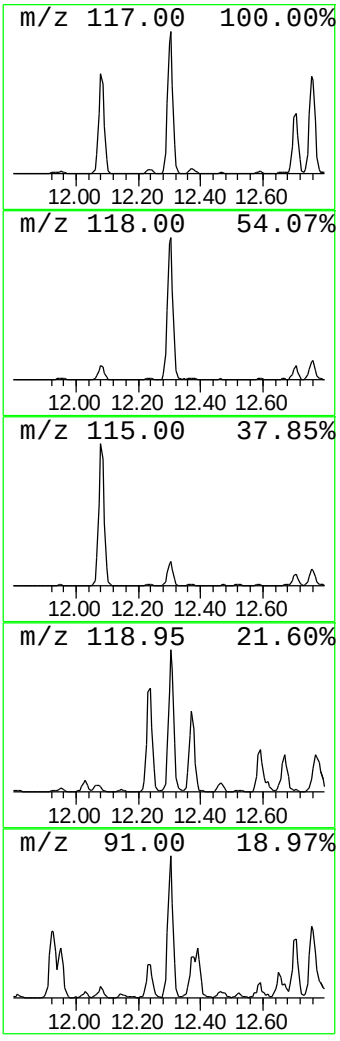
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	9.30 ug/l	221689	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	78
3	Indane	118	C9H10	000496-11-7	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53





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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S73-0221

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

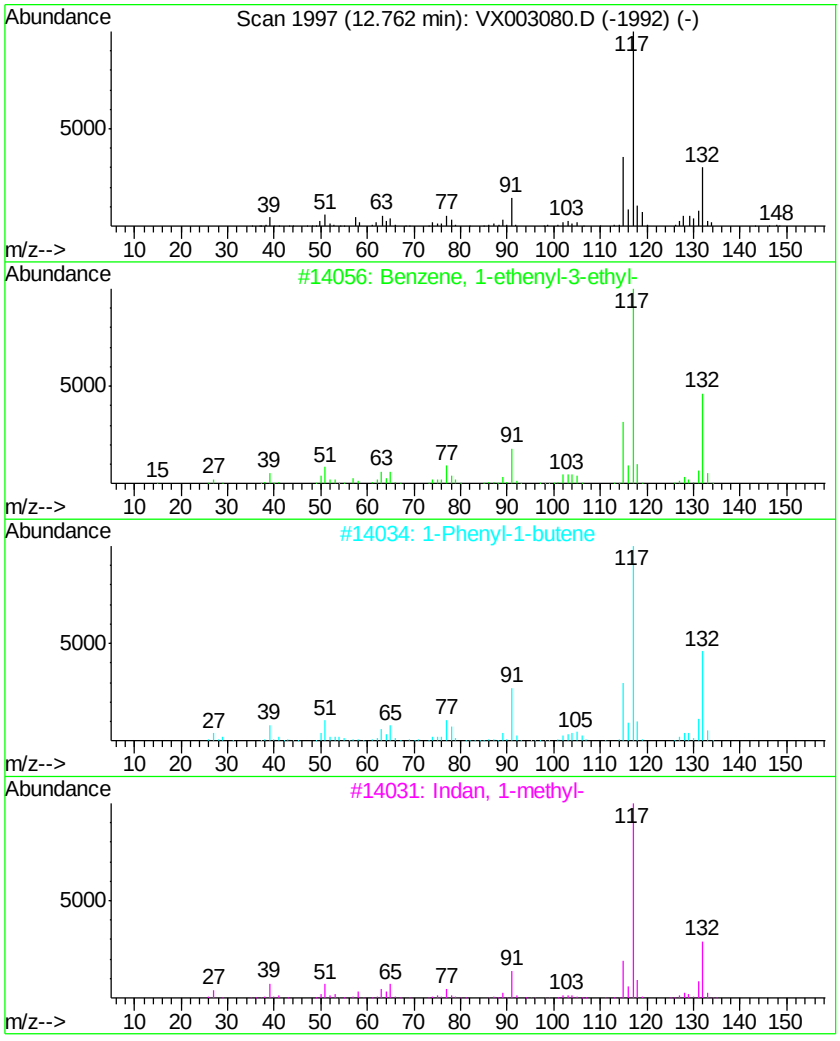
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

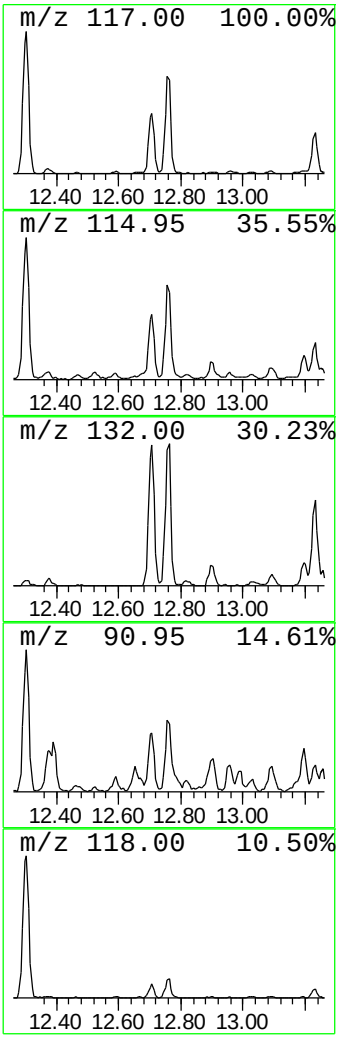
****

Peak Number 3 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	5.25 ug/l	125076	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80





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Instrument : MSVOA_X
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260

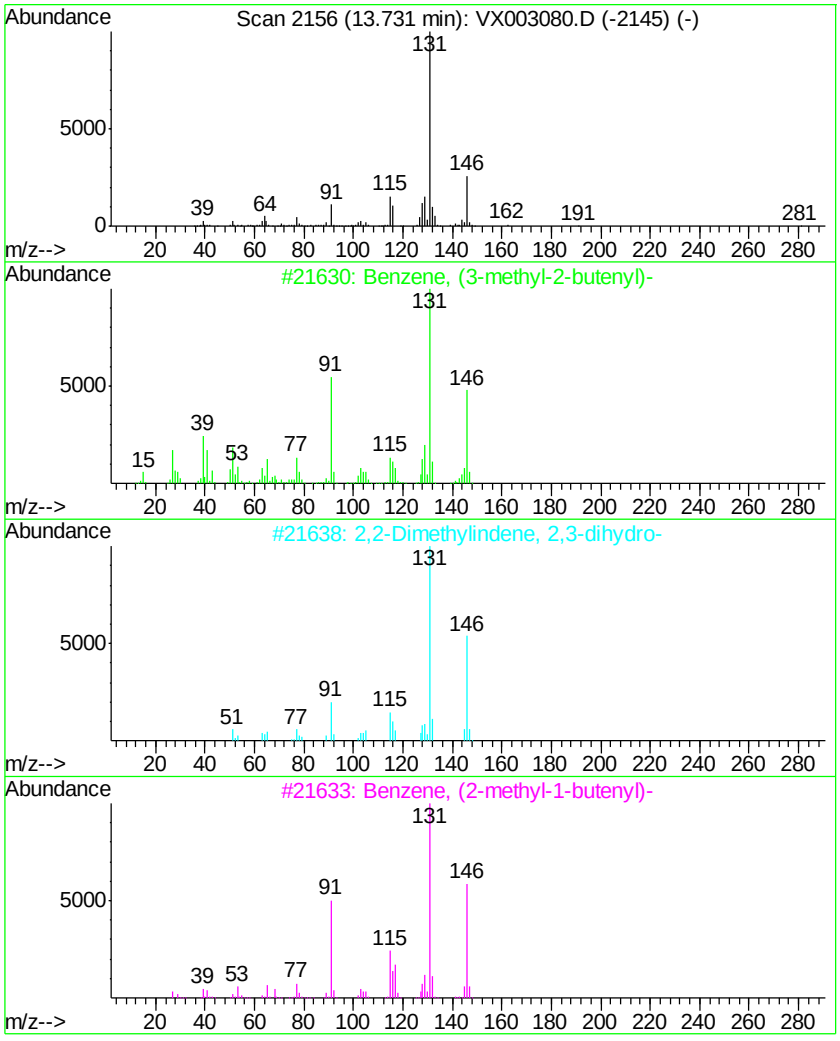
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

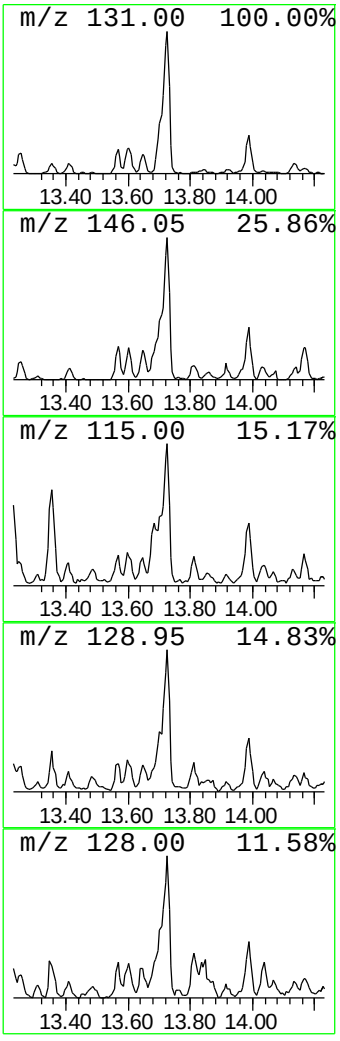
****

Peak Number 4 Benzene, (3-methyl-2-butenyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	10.33 ug/l	246211	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-etheny...	12.30	9.3	ug/l	221689	4	12.08	1192060	50.0
Benzene, 1-etheny...	12.76	5.3	ug/l	125076	4	12.08	1192060	50.0
Benzene, (3-methy...	13.73	10.3	ug/l	246211	4	12.08	1192060	50.0