LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
Data File : VX009810.D
Acq On : 22 May 2019 17:30
Operator : JC/SP
Sample : K2977-10 40X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EP1-PZ-W1-2

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	1.617	72	76	80	rVB6	7432	13521	1.44%	0.192%
2	2.440	205	211	222	rBV	15382	28287	3.01%	0.401%
3	4.684	573	579	593	rVB	3102	9934	1.06%	0.141%
4	5.501	701	713	725	rBV	97923	281741	29.93%	3.992%
5	5.659	727	739	752	rVV	174171	491718	52.24%	6.966%
6	6.062	793	805	817	rBV	123539	324913	34.52%	4.603%
7	6.860	923	936	954	rBV	282788	672316	71.42%	9.525%
8	8.714	1229	1240	1258	rBV	595317	941319	100.00%	13.336%
9	10.110	1464	1469	1479	rBV	562355	756028	80.32%	10.711%
10	10.250	1486	1492	1499	rVB	13687	19933	2.12%	0.282%
11	10.360	1502	1510	1516	rBV	84102	129473	13.75%	1.834%
12	10.646	1548	1557	1562	rBV7	5422	14455	1.54%	0.205%
13	10.701	1562	1566	1574	rVB	10632	17595	1.87%	0.249%
14	10.835	1580	1588	1593	rBV4	9834	17822	1.89%	0.252%
15	10.908	1596	1600	1604	rBV3	8515	13512	1.44%	0.191%
16	11.018	1612	1618	1622	rBV	29350	38239	4.06%	0.542%
17	11.134	1632	1637	1643	rBV	447082	571719	60.74%	8.100%
18	11.274	1656	1660	1665	rVB4	7881	12075	1.28%	0.171%
19	11.359	1669	1674	1681	rBV	46196	60806	6.46%	0.861%
20	11.433	1681	1686	1694	rVV	85342	178720	18.99%	2.532%
21	11.506	1694	1698	1706	rVB	91321	120101	12.76%	1.702%
22	11.622	1712	1717	1720	rBV	19256	25353	2.69%	0.359%
23	11.664	1720	1724	1732	rVB	32151	47949	5.09%	0.679%
24	11.768	1737	1741	1743	rVV	9581	13767	1.46%	0.195%
25	11.804	1743	1747	1757	rVB	556692	665425	70.69%	9.427%
26	11.920	1757	1766	1767	rBV	10501	15686	1.67%	0.222%
27	11.945	1767	1770	1775	rVB	17889	23325	2.48%	0.330%
28	12.024	1780	1783	1786	rVV	15521	18449	1.96%	0.261%
29	12.073	1786	1791	1797	rVV	515461	667072	70.87%	9.451%
30	12.140	1797	1802	1812	rVB	194497	232645	24.71%	3.296%
31	12.231	1812	1817	1822	rVB	9490	14460	1.54%	0.205%
32	12.298	1822	1828	1835	rBV3	52147	90012	9.56%	1.275%
33	12.365	1835	1839	1848	rVB3	38079	66468	7.06%	0.942%
34	12.457	1848	1854	1859	rBV	12100	17359	1.84%	0.246%

LSC Area Percent Report

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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EP1-PZ-W1-2

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	12.585	1869	1875	1877	rBV	33185	46552	4.95%	0.660%
36	12.609	1877	1879	1884	rVV	36125	36915	3.92%	0.523%
37	12.664	1884	1888	1891	rVV	43109	51769	5.50%	0.733%
38	12.701	1891	1894	1898	rVV	11713	15442	1.64%	0.219%
39	12.756	1898	1903	1910	rVB3	32909	56841	6.04%	0.805%
40	12.902	1922	1927	1932	rVB2	16057	23140	2.46%	0.328%
41	12.975	1932	1939	1942	rVV	19935	26818	2.85%	0.380%
42	13.018	1942	1946	1953	rVB	33682	42442	4.51%	0.601%
43	13.341	1995	1999	2006	rVB2	41697	60909	6.47%	0.863%
44	13.475	2016	2021	2027	rBV	22613	29201	3.10%	0.414%
45	13.719	2055	2061	2067	rVB8	4433	9420	1.00%	0.133%
46	13.835	2073	2080	2085	rBV	33107	46705	4.96%	0.662%

Sum of corrected areas: 7058351

LSC Report - Integrated Chromatogram

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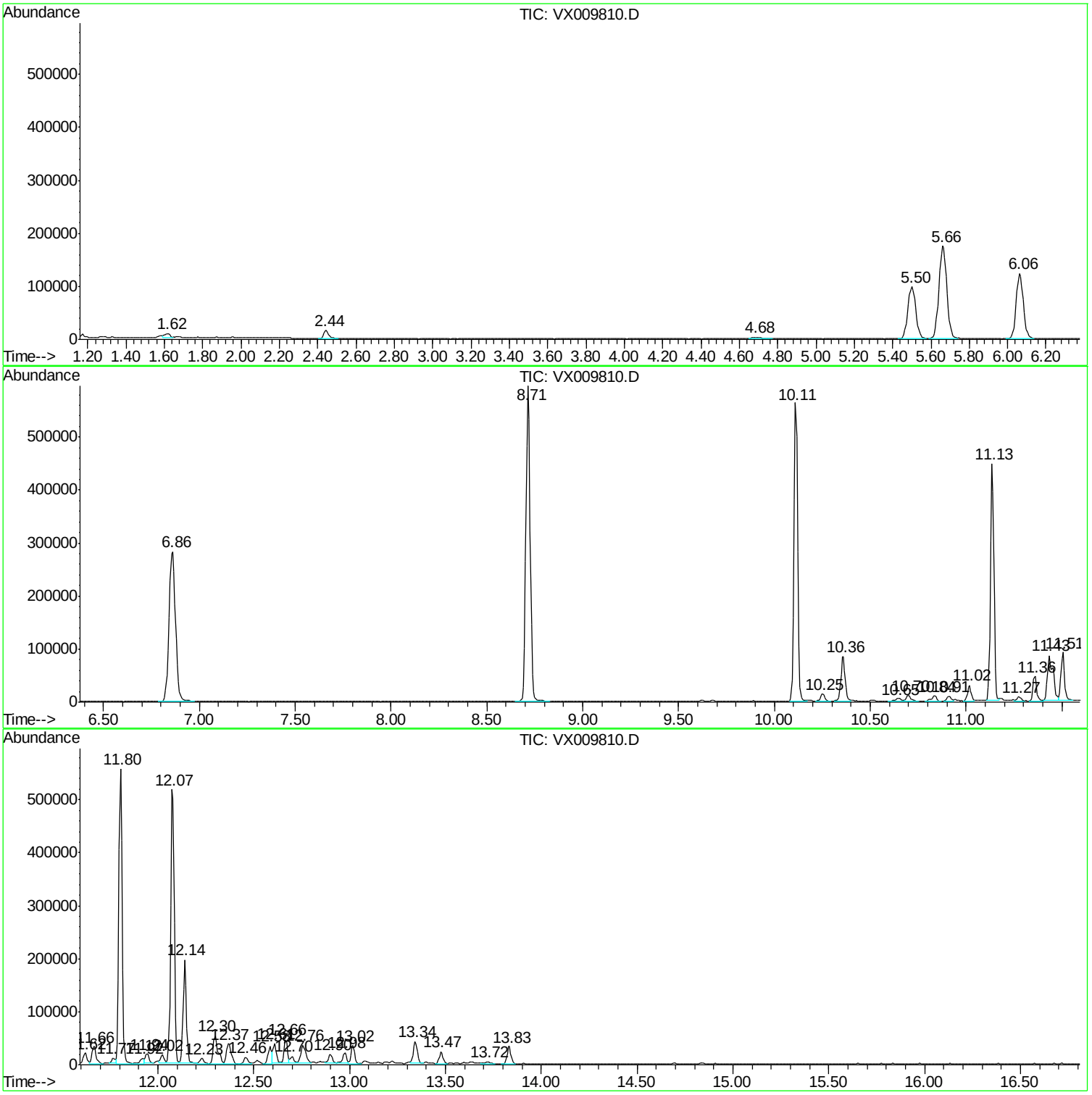
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EP1-PZ-W1-2

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\VX052219\
Data File : VX009810.D
Acq On : 22 May 2019 17:30
Operator : JC/SP
Sample : K2977-10 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EP1-PZ-W1-2

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

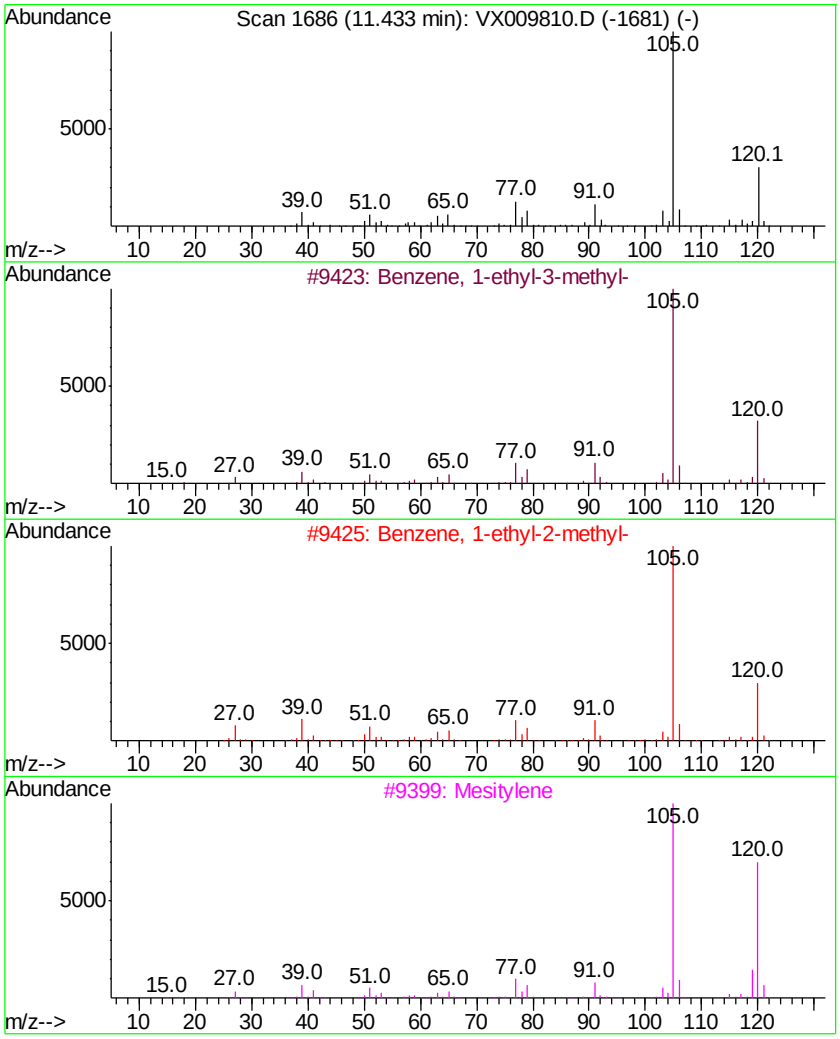
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

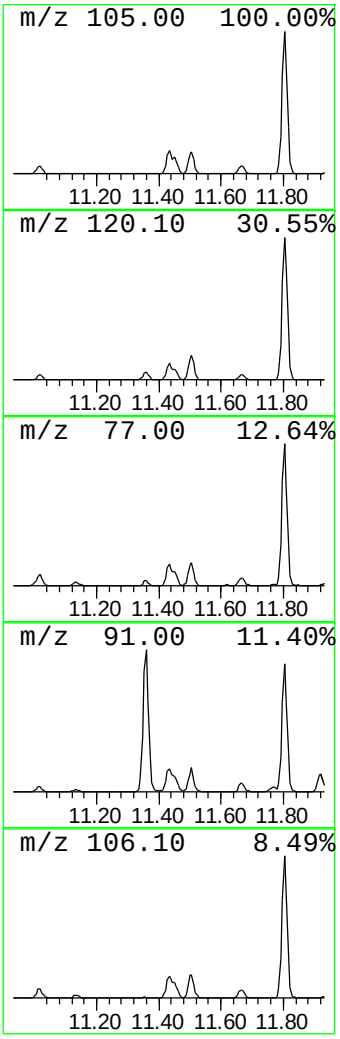
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	13.40 ug/l	178720	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	94
3	Mesitylene	120	C9H12	000108-67-8	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





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ClientSampleId : EP1-PZ-W1-2

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

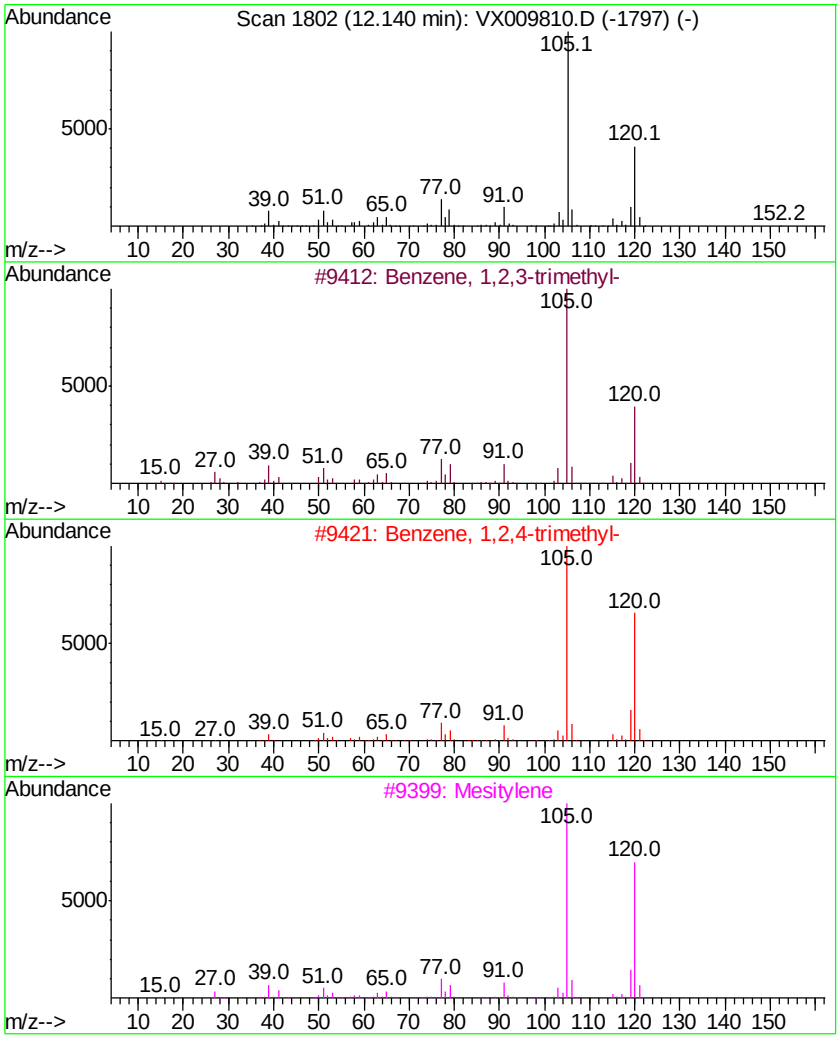
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

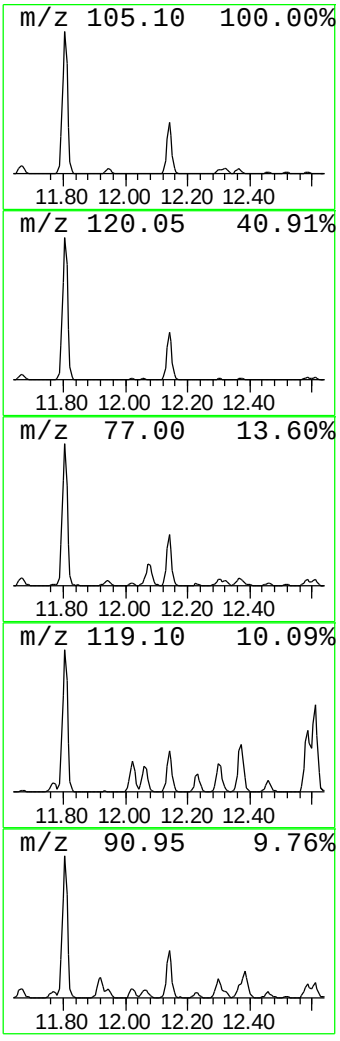
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	17.44 ug/l	232645	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	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Instrument : MSVOA_X
ClientSampleId : EP1-PZ-W1-2

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

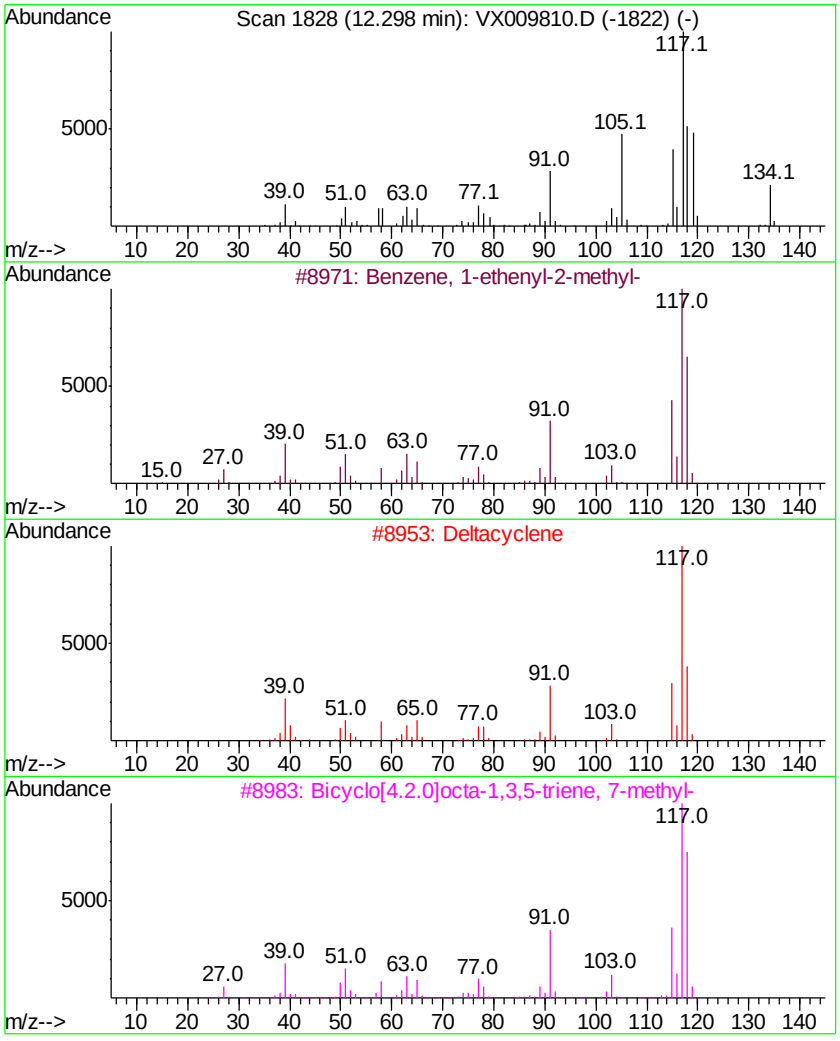
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

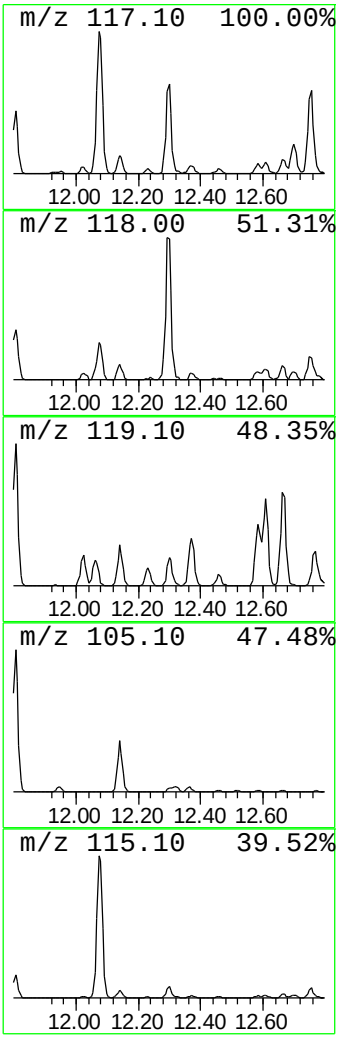
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	6.75 ug/l	90012	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	95
2	Deltacyclene	118	C9H10	007785-10-6	90
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	80
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	80
5	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	70





Tentatively Identified Compound (LSC) summary

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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	13.4	ug/l	178720	4	12.08	667072	50.0
Benzene, 1,2,3-tr...	12.14	17.4	ug/l	232645	4	12.08	667072	50.0
Benzene, 1-etheny...	12.30	6.8	ug/l	90012	4	12.08	667072	50.0