LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
Data File : VY007857.D
Acq On : 11 Mar 2022 16:13
Operator : SY/MD
Sample : N1848-09
Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CG-B2-030722-4-5

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_Y\methods\82Y022822S.M
Title : SW846 8260

Signal : TIC: VY007857.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.863	3	7	13	rBV2	10696	17184	1.24%	0.127%
2	2.223	61	66	73	rVB4	13377	27106	1.96%	0.201%
3	2.509	109	113	118	rBV2	13202	27564	1.99%	0.204%
4	4.710	465	474	488	rBV5	16840	54767	3.96%	0.406%
5	7.716	957	967	973	rBV	178075	423728	30.65%	3.138%
6	7.789	973	979	997	rVB	269360	601371	43.50%	4.454%
7	8.136	1027	1036	1047	rBV	180045	410730	29.71%	3.042%
8	8.691	1118	1127	1142	rBV	409178	830401	60.06%	6.150%
9	10.179	1363	1371	1380	rBV	696301	1188863	85.99%	8.805%
10	11.032	1507	1511	1516	rVV2	21893	38526	2.79%	0.285%
11	11.087	1516	1520	1526	rVV3	23636	40651	2.94%	0.301%
12	11.288	1543	1553	1562	rVB4	31712	83791	6.06%	0.621%
13	11.380	1562	1568	1573	rBV	24165	38769	2.80%	0.287%
14	11.490	1578	1586	1595	rVV	634790	1035051	74.87%	7.665%
15	11.587	1595	1602	1605	rVV4	11517	25325	1.83%	0.188%
16	11.630	1605	1609	1612	rVV4	10948	19289	1.40%	0.143%
17	11.672	1612	1616	1617	rVV3	11864	16092	1.16%	0.119%
18	11.709	1617	1622	1624	rVV3	50921	87809	6.35%	0.650%
19	11.733	1624	1626	1630	rVV3	49565	75956	5.49%	0.563%
20	11.776	1630	1633	1639	rVB5	24095	41244	2.98%	0.305%
21	11.898	1645	1653	1656	rBV6	8245	18492	1.34%	0.137%
22	12.026	1663	1674	1682	rBV	156195	333836	24.15%	2.472%
23	12.117	1686	1689	1693	rVB2	14982	18910	1.37%	0.140%
24	12.197	1699	1702	1706	rVV5	18433	23081	1.67%	0.171%
25	12.252	1706	1711	1715	rVV3	29475	50660	3.66%	0.375%
26	12.325	1719	1723	1728	rBV	76953	118887	8.60%	0.880%
27	12.483	1743	1749	1758	rVB3	774686	1376626	99.57%	10.195%
28	12.672	1772	1780	1784	rVV	207213	325104	23.52%	2.408%
29	12.733	1784	1790	1793	rVV	592465	909139	65.76%	6.733%
30	12.764	1793	1795	1799	rVV	298141	421080	30.46%	3.118%
31	12.806	1799	1802	1809	rVV	533460	822178	59.47%	6.089%
32	12.861	1809	1811	1818	rVB4	12654	16090	1.16%	0.119%
33	12.971	1820	1829	1836	rBV	425875	658859	47.66%	4.879%
34	13.038	1836	1840	1847	rVB6	11297	16788	1.21%	0.124%
35	13.117	1847	1853	1860	rBV	984530	1382536	100.00%	10.239%
36	13.251	1867	1875	1879	rBV4	18101	41596	3.01%	0.308%

LSC Area Percent Report

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CG-B2-030722-4-5

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Title : SW846 8260

37	13.312	1879	1885	1890	rVV2	35915	56497	4.09%	0.418%
38	13.367	1890	1894	1897	rVV3	14303	19961	1.44%	0.148%
39	13.422	1897	1903	1906	rVV	574534	920455	66.58%	6.817%
40	13.453	1906	1908	1915	rVB	283917	375389	27.15%	2.780%
41	13.593	1926	1931	1932	rBV4	18703	24547	1.78%	0.182%
42	13.623	1932	1936	1940	rVV2	110279	179127	12.96%	1.327%
43	13.660	1940	1942	1951	rVB4	51749	89175	6.45%	0.660%
44	13.751	1951	1957	1961	rBV3	26899	40360	2.92%	0.299%
45	13.824	1965	1969	1975	rVV3	13355	20543	1.49%	0.152%
46	13.885	1975	1979	1981	rVV	15763	23729	1.72%	0.176%
47	13.916	1981	1984	1988	rVV	15562	22915	1.66%	0.170%
48	13.965	1988	1992	1999	rVB2	42011	67089	4.85%	0.497%
49	14.081	2006	2011	2016	rBV6	11794	19600	1.42%	0.145%
50	14.678	2103	2109	2116	rBV7	11970	25378	1.84%	0.188%

Sum of corrected areas: 13502844

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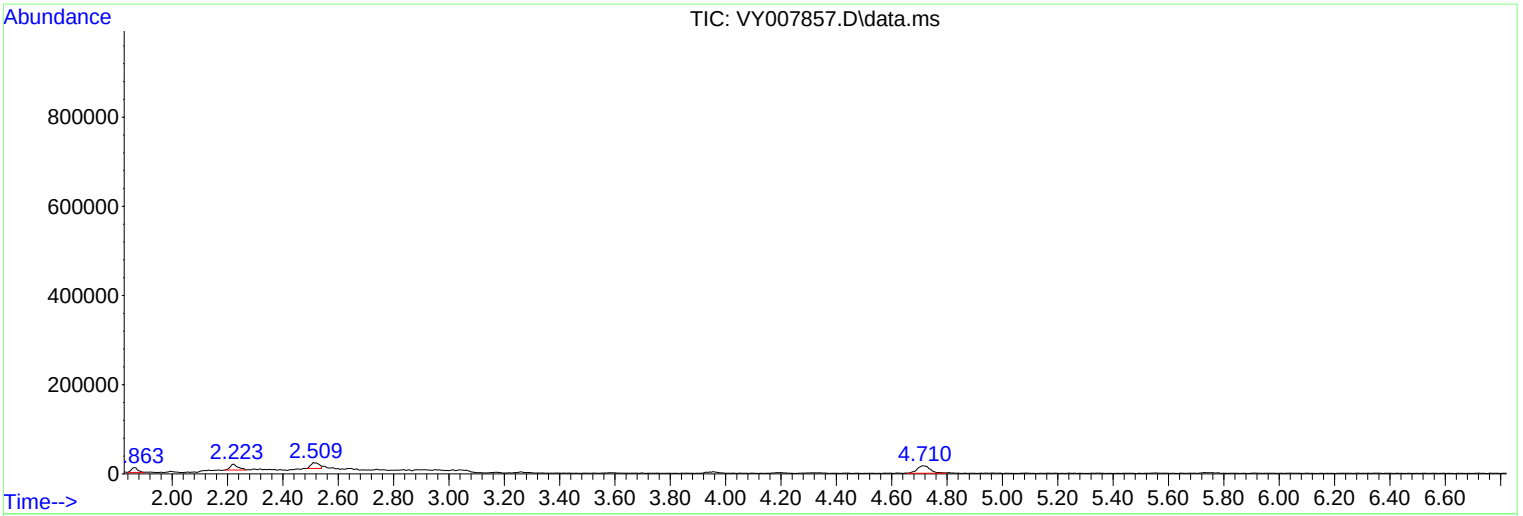
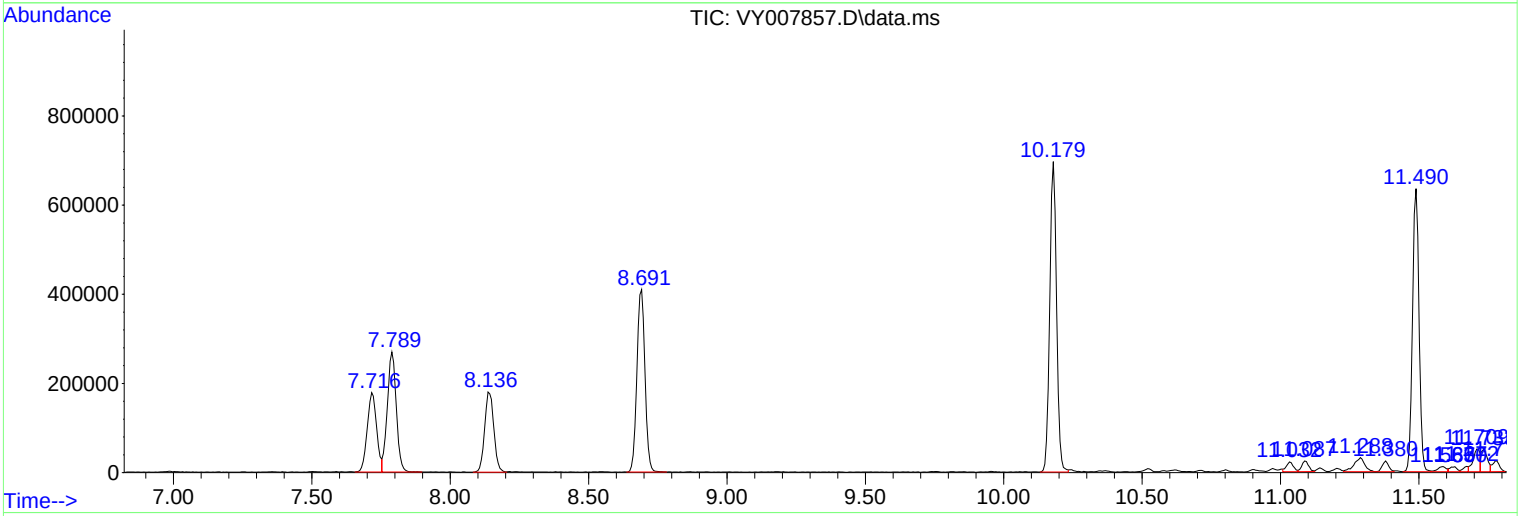
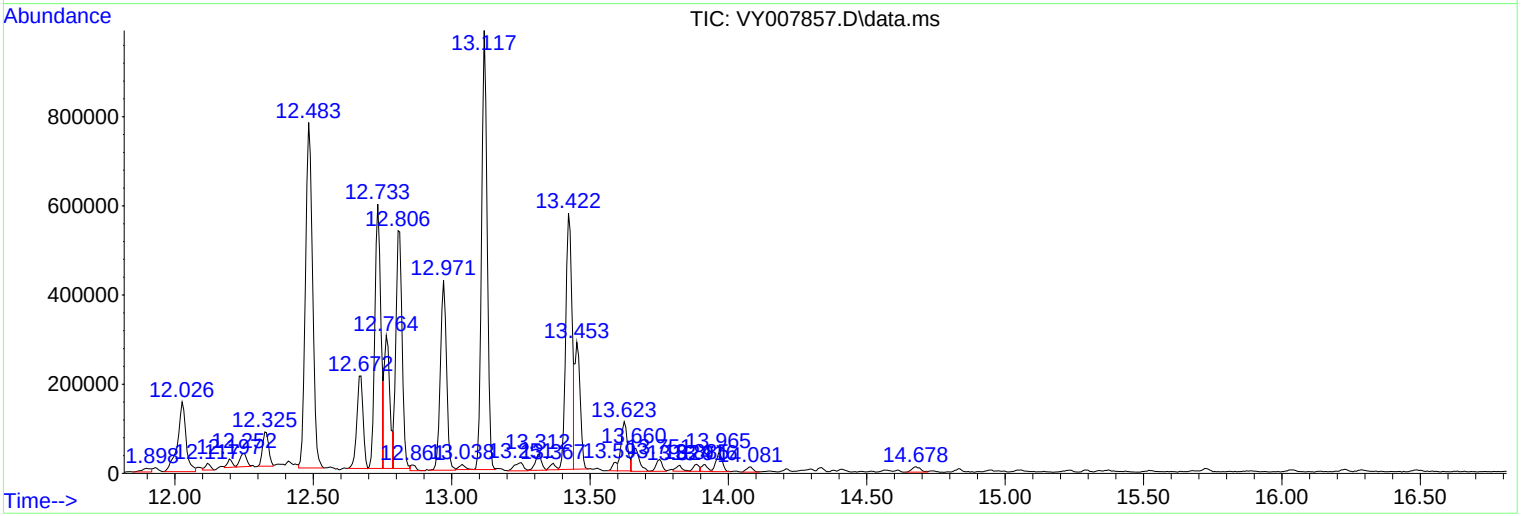
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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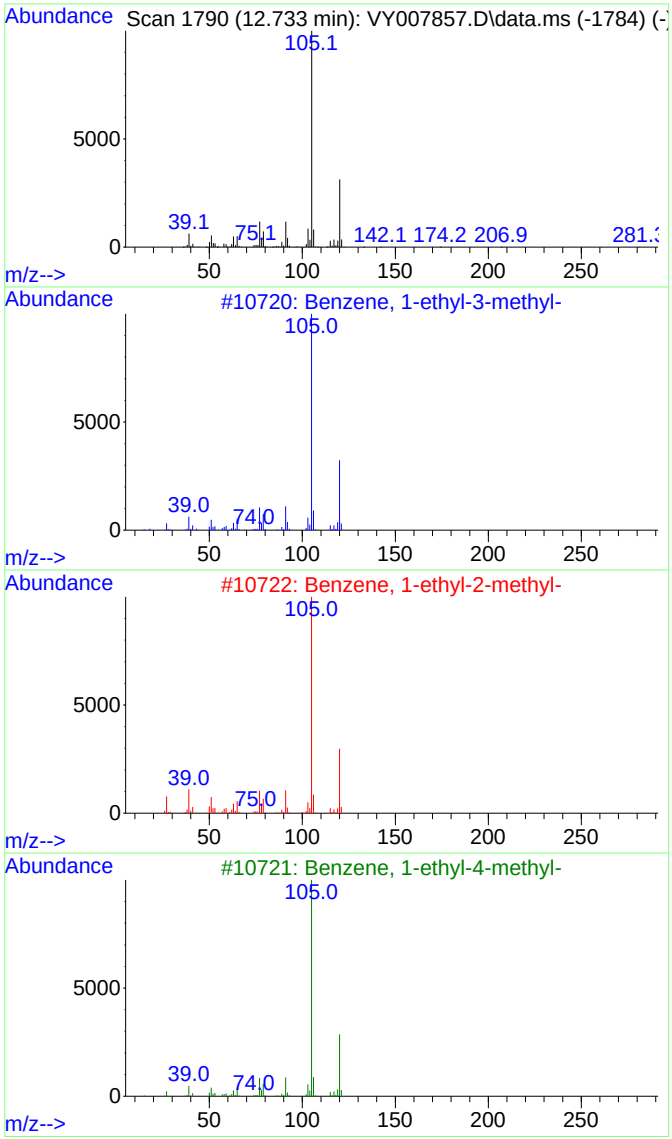
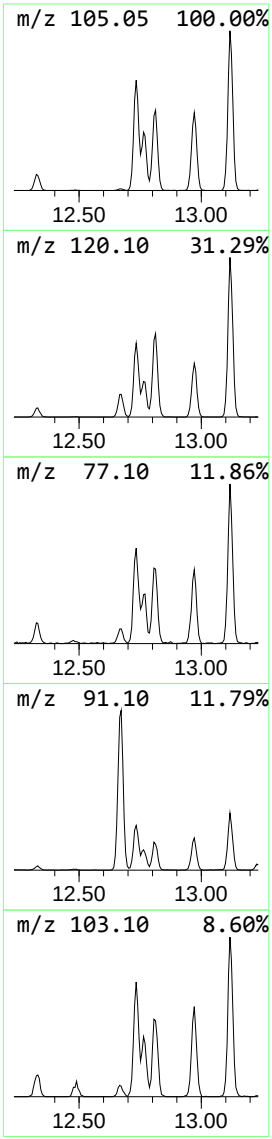
****
Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	49.39 ug/l	909139	1,4-Dichlorobenzene-d4	13.422

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	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Instrument :
MSVOA_Y
ClientSampleId :
CG-B2-030722-4-5

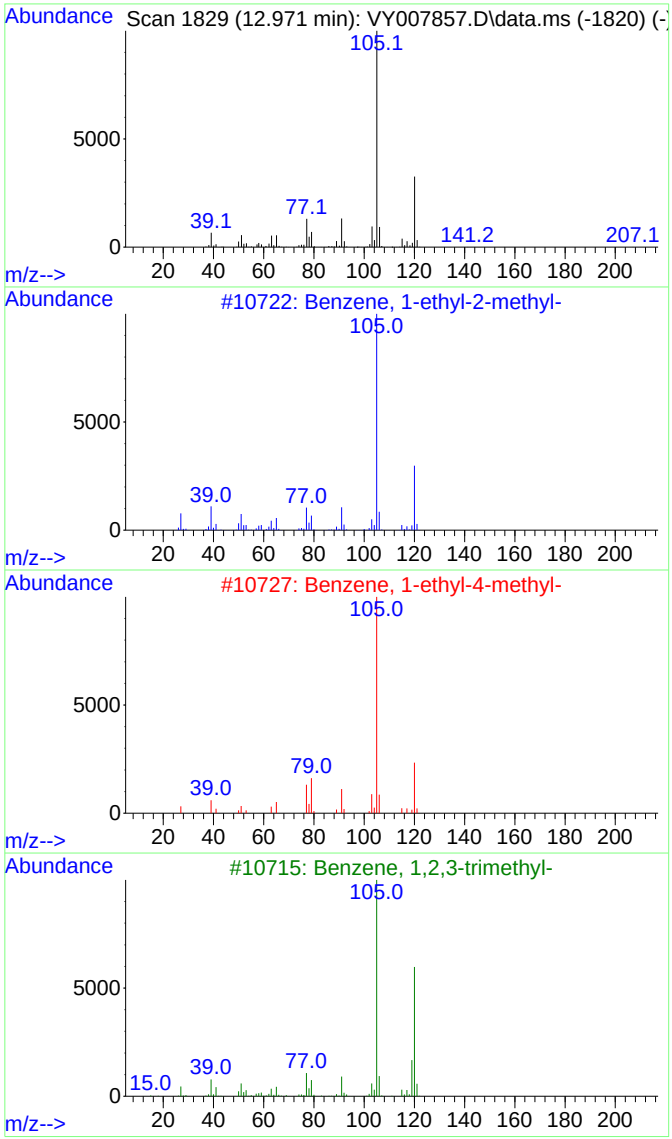
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

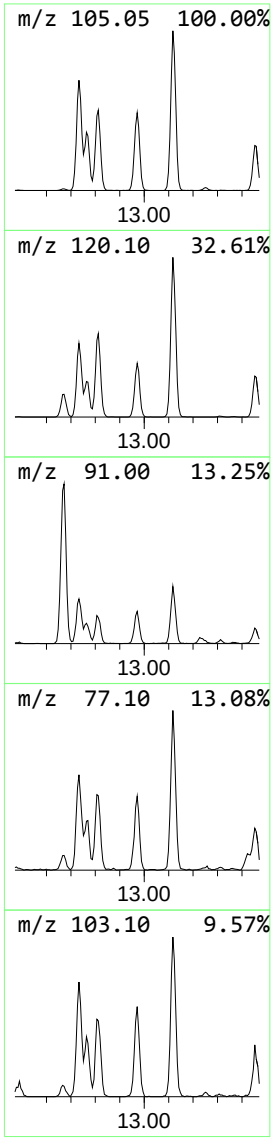
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	35.79 ug/l	658859	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Instrument :
MSVOA_Y
ClientSampleId :
CG-B2-030722-4-5

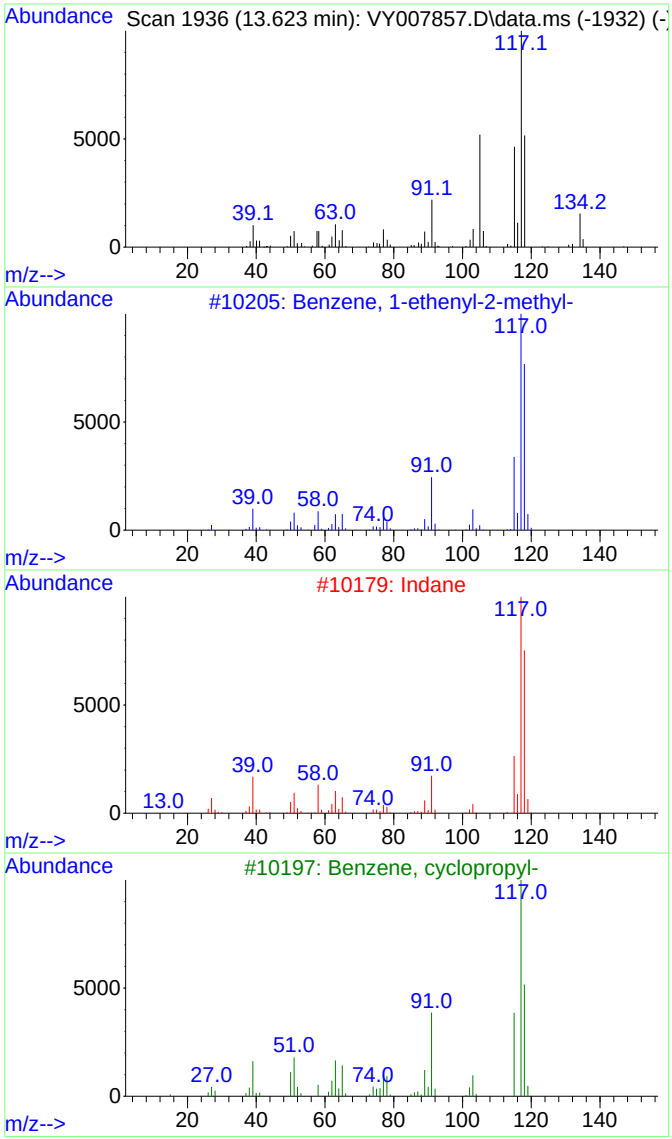
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

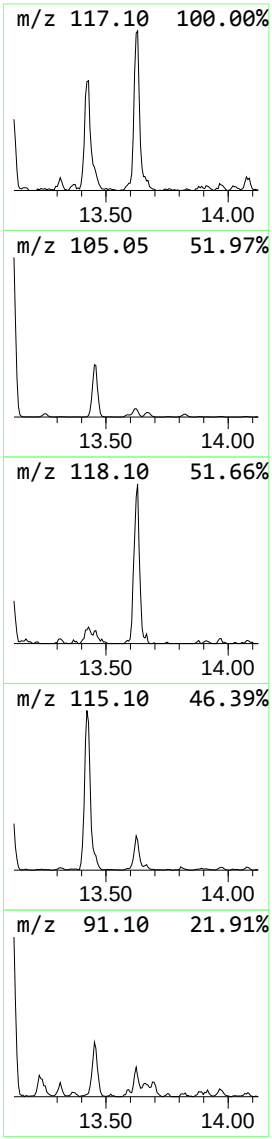
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	9.73 ug/l	179127	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91
2	Indane	118	C9H10	000496-11-7	83
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	58
5	Deltacyclene	118	C9H10	007785-10-6	52





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethy...	12.733	49.4	ug/l	909139	4	13.422	920455	50.0
Benzene, 1-ethy...	12.971	35.8	ug/l	658859	4	13.422	920455	50.0
Benzene, 1-ethe...	13.623	9.7	ug/l	179127	4	13.422	920455	50.0