

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120925\
 Data File : VY023917.D
 Acq On : 09 Dec 2025 18:37
 Operator : SY/MD
 Sample : Q3809-14
 Misc : 3.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-4

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\82Y120325S.M

Title : SW846 8260

Signal : TIC: VY023917.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.879	342	354	367	rBV3	17517	68521	1.69%	0.218%
2	4.122	385	394	405	rBV	46259	127374	3.15%	0.405%
3	4.628	466	477	494	rBV2	33423	113594	2.81%	0.361%
4	7.640	960	971	977	rBV	600365	1448291	35.77%	4.607%
5	7.713	977	983	1004	rVB	942965	2210350	54.59%	7.031%
6	8.067	1033	1041	1053	rBV	492824	1095394	27.05%	3.484%
7	8.622	1122	1132	1146	rBV	1541206	3016397	74.50%	9.594%
8	10.109	1368	1376	1382	rBV	2311853	4049041	100.00%	12.879%
9	10.176	1382	1387	1394	rVB	704385	1193213	29.47%	3.795%
10	10.304	1400	1408	1415	rVB3	29985	67463	1.67%	0.215%
11	11.420	1584	1591	1601	rBV	2179703	3471874	85.75%	11.043%
12	11.524	1602	1608	1617	rVB	491882	764076	18.87%	2.430%
13	11.627	1617	1625	1637	rBV	1772707	3124053	77.16%	9.937%
14	11.956	1670	1679	1691	rBV	570952	878222	21.69%	2.793%
15	12.255	1723	1728	1734	rBV2	29789	48359	1.19%	0.154%
16	12.408	1744	1753	1766	rVB	1644414	2637801	65.15%	8.390%
17	12.597	1778	1784	1789	rBV	156781	230658	5.70%	0.734%
18	12.664	1789	1795	1798	rVV	579027	938692	23.18%	2.986%
19	12.694	1798	1800	1804	rVV	310924	389472	9.62%	1.239%
20	12.737	1804	1807	1815	rVB	207853	313422	7.74%	0.997%
21	12.895	1826	1833	1841	rBV	146032	229421	5.67%	0.730%
22	13.048	1852	1858	1864	rBV	711437	1046631	25.85%	3.329%
23	13.346	1894	1907	1921	rBV	1807490	3088460	76.28%	9.824%
24	13.517	1929	1935	1936	rBV	35878	44967	1.11%	0.143%
25	13.548	1936	1940	1944	rVV	189575	305699	7.55%	0.972%
26	13.590	1944	1947	1957	rVB4	79340	160629	3.97%	0.511%
27	13.810	1979	1983	1985	rVV	29278	42875	1.06%	0.136%
28	13.834	1985	1987	1991	rVV	30556	41770	1.03%	0.133%
29	13.895	1991	1997	2002	rVB3	110963	182935	4.52%	0.582%
30	14.005	2010	2015	2020	rVB	35494	53800	1.33%	0.171%
31	14.602	2107	2113	2119	rBV3	29104	55540	1.37%	0.177%

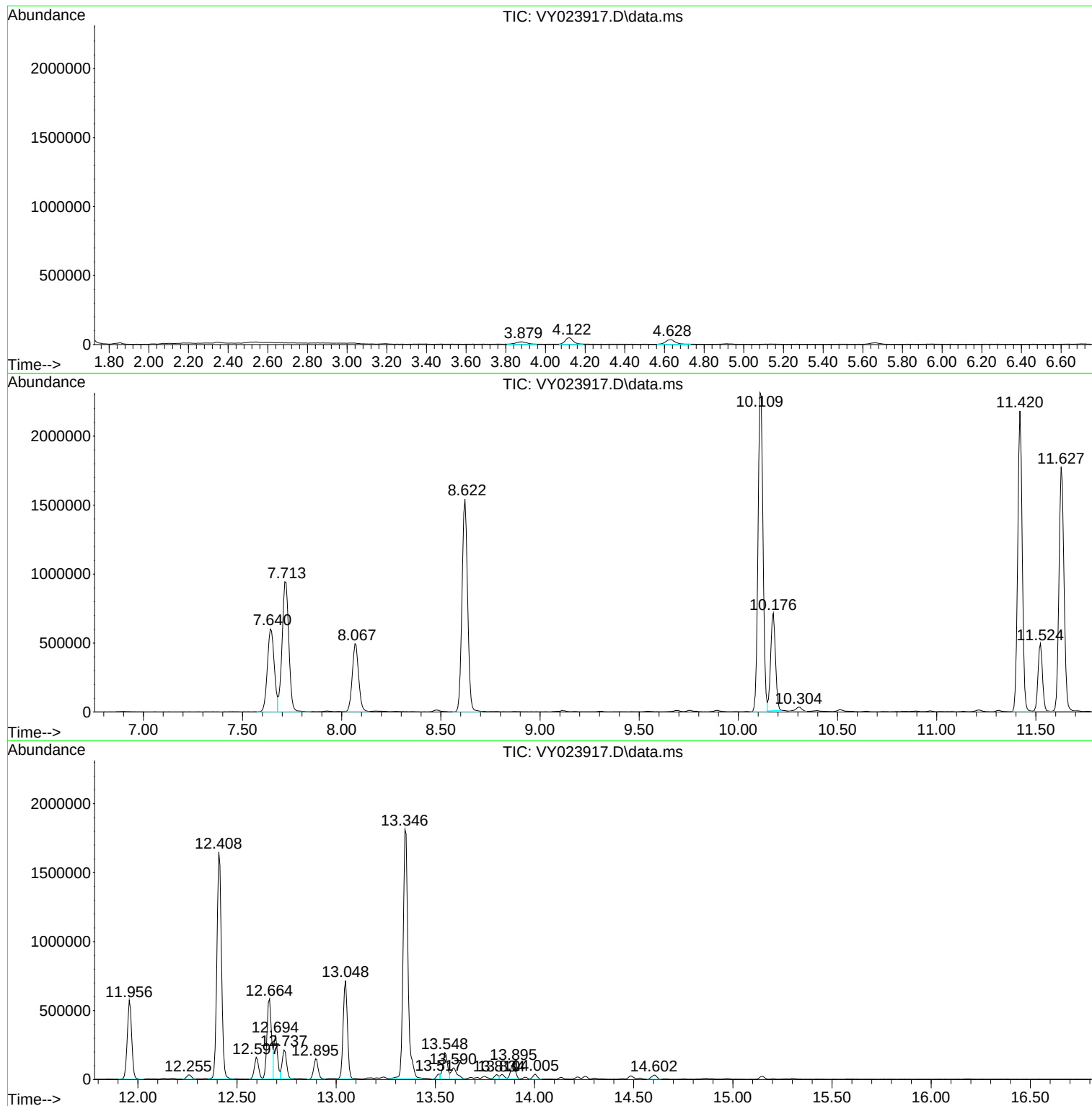
Sum of corrected areas: 31438994

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Instrument :
MSVOA_Y
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260

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



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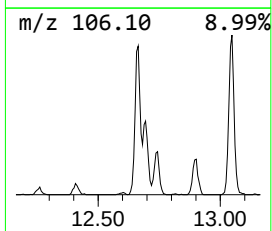
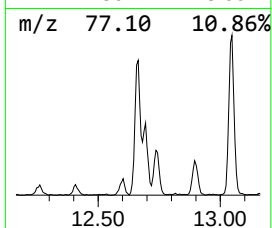
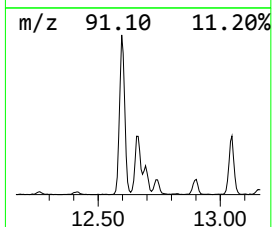
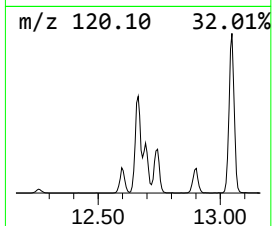
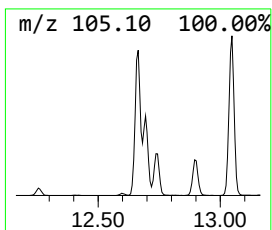
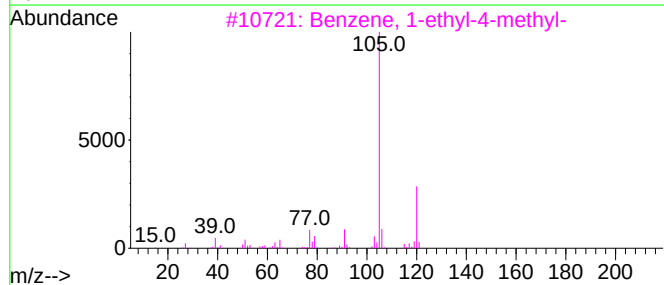
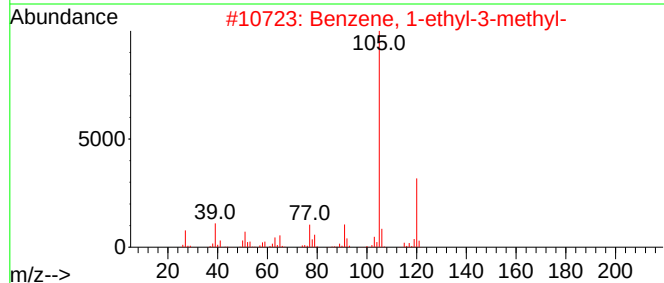
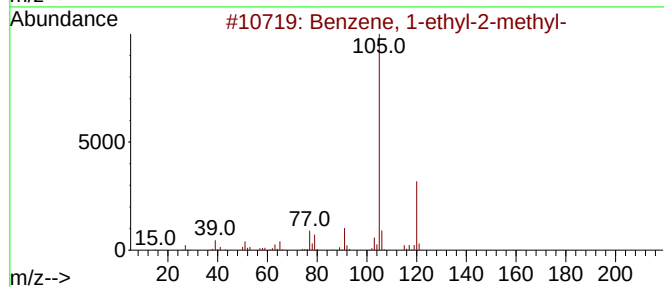
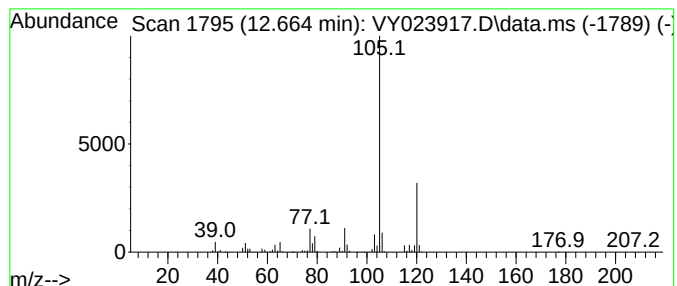
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.664	15.20 ug/l	938692	1,4-Dichlorobenzene-d4	13.352

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-3-methyl-	120	C9H12	000620-14-4	95
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	12.664	15.2	ug/l	938692	4	13.352	3088460	50.0