LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014647.D
Acq On : 14 Jul 2023 15:03
Operator : SY/MD
Sample : 03617-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

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\82Y071323S.M
Title : SW846 8260

Signal : TIC: VY014647.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.125	43	50	51	rBV3	5952	13109	1.06%	0.119%
2	3.936	342	347	360	rBV2	5985	15884	1.29%	0.144%
3	4.710	461	474	491	rBV2	35255	117010	9.48%	1.063%
4	4.918	503	508	522	rVB2	4217	14899	1.21%	0.135%
5	5.741	633	643	655	rBV2	15264	46947	3.80%	0.427%
6	6.972	833	845	865	rBV	62465	200518	16.25%	1.822%
7	7.710	956	966	972	rBV	169175	407440	33.02%	3.703%
8	7.783	972	978	989	rVB	291831	654845	53.07%	5.951%
9	7.996	1005	1013	1020	rBV2	6247	14332	1.16%	0.130%
10	8.137	1023	1036	1047	rVB2	190616	476005	38.58%	4.326%
11	8.319	1061	1066	1075	rVB2	10599	27729	2.25%	0.252%
12	8.545	1096	1103	1111	rBV3	11265	22770	1.85%	0.207%
13	8.685	1118	1126	1138	rBV	446931	897522	72.74%	8.156%
14	9.179	1194	1207	1213	rBV2	20365	51482	4.17%	0.468%
15	9.612	1268	1278	1285	rBV2	13983	29659	2.40%	0.270%
16	9.746	1288	1300	1307	rBV5	17304	46739	3.79%	0.425%
17	9.819	1307	1312	1316	rBV2	14852	28454	2.31%	0.259%
18	9.953	1326	1334	1345	rBV	16624	39410	3.19%	0.358%
19	10.179	1364	1371	1376	rBV	703276	1233824	100.00%	11.213%
20	10.240	1376	1381	1388	rVB	429847	710254	57.57%	6.455%
21	10.368	1394	1402	1408	rVB2	25877	51839	4.20%	0.471%
22	10.575	1431	1436	1452	rVB	38372	95082	7.71%	0.864%
23	10.709	1454	1458	1464	rVB4	7370	13408	1.09%	0.122%
24	10.801	1464	1473	1478	rBV	9294	18237	1.48%	0.166%
25	10.898	1485	1489	1492	rBV	9043	14046	1.14%	0.128%
26	10.941	1492	1496	1503	rVB	56573	103500	8.39%	0.941%
27	11.032	1508	1511	1515	rVV	15693	25277	2.05%	0.230%
28	11.087	1515	1520	1526	rVB3	11847	21012	1.70%	0.191%
29	11.197	1534	1538	1543	rBV4	7854	14077	1.14%	0.128%
30	11.276	1543	1551	1556	rBV3	27447	66908	5.42%	0.608%
31	11.380	1562	1568	1572	rBV	24184	38872	3.15%	0.353%
32	11.490	1579	1586	1596	rBV	658161	1095175	88.76%	9.953%
33	11.587	1596	1602	1611	rVV	155892	269232	21.82%	2.447%
34	11.697	1611	1620	1630	rVV	427057	825729	66.92%	7.504%
35	11.776	1630	1633	1638	rVB3	12174	18064	1.46%	0.164%
36	12.026	1663	1674	1682	rBV	220076	419531	34.00%	3.813%

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37	12.118	1686	1689	1694	rVB	18346	30625	2.48%	0.278%
38	12.197	1699	1702	1705	rVV4	11442	18601	1.51%	0.169%
39	12.239	1706	1709	1714	rVB4	15057	24432	1.98%	0.222%
40	12.325	1719	1723	1727	rBV	21621	35541	2.88%	0.323%
41	12.477	1741	1748	1755	rBV	569307	898164	72.80%	8.162%
42	12.666	1775	1779	1784	rVB	35097	55002	4.46%	0.500%
43	12.733	1784	1790	1793	rBV	97458	160899	13.04%	1.462%
44	12.764	1793	1795	1798	rVV	43189	55759	4.52%	0.507%
45	12.806	1798	1802	1808	rVB	48180	82567	6.69%	0.750%
46	12.971	1824	1829	1836	rVB	33266	50317	4.08%	0.457%
47	13.032	1837	1839	1847	rVB8	10290	19786	1.60%	0.180%
48	13.117	1848	1853	1858	rBV	103950	156948	12.72%	1.426%
49	13.422	1897	1903	1913	rVB	710018	1142034	92.56%	10.379%
50	13.617	1928	1935	1940	rBV2	29409	64620	5.24%	0.587%
51	13.751	1952	1957	1966	rVB7	13802	30495	2.47%	0.277%
52	15.312	2210	2213	2222	rVB3	22811	39175	3.18%	0.356%

Sum of corrected areas: 11003786

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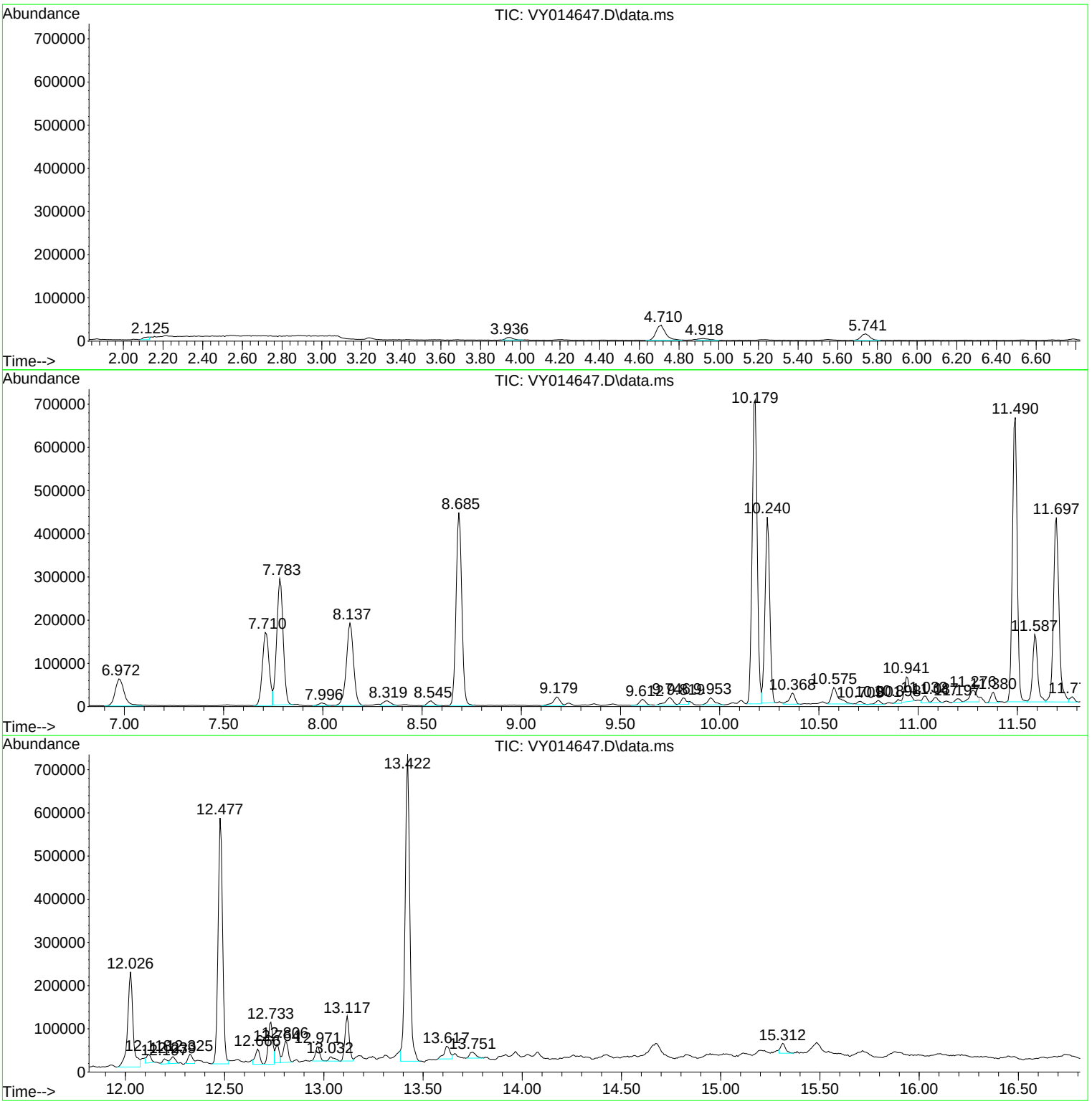
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260

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



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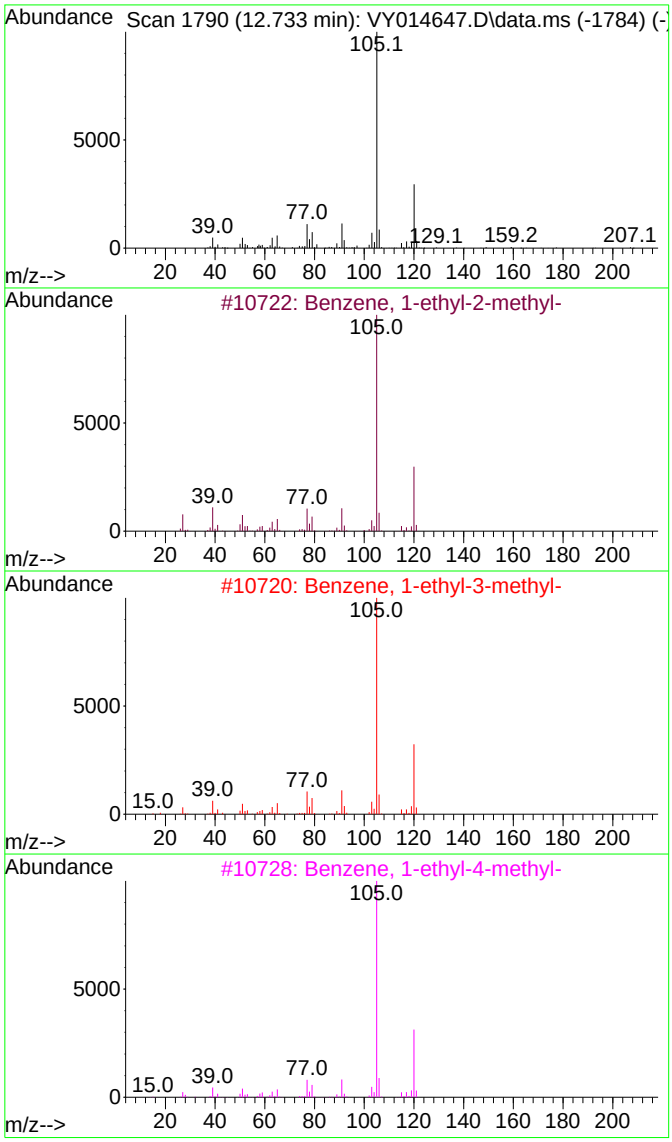
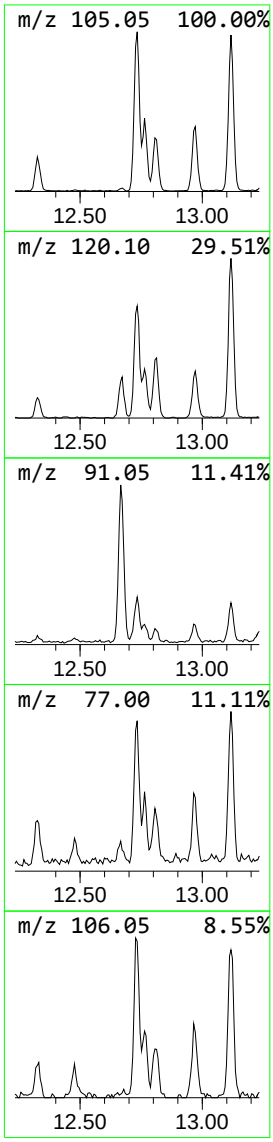
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	7.04 ug/l	160899	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-3-methyl-	120	C9H12	000620-14-4	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





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethy...	12.733	7.0	ug/l	160899	4	13.422	1142030	50.0