LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
Data File : VY023556.D
Acq On : 22 Oct 2025 17:10
Operator : SY/MD
Sample : Q3424-02
Misc : 5.78g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PR132-S11-010080-20251021

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\82Y100725S.M
Title : SW846 8260

Signal : TIC: VY023556.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.110	380	392	404	rBV	56152	157583	3.42%	0.415%
2	4.616	464	475	484	rBV4	18308	68299	1.48%	0.180%
3	6.890	834	848	862	rBV2	21688	73443	1.59%	0.193%
4	7.634	960	970	976	rBV	583870	1409931	30.61%	3.710%
5	7.713	976	983	992	rVV	968713	2244193	48.72%	5.906%
6	7.792	992	996	1008	rVB4	21194	52732	1.14%	0.139%
7	7.927	1008	1018	1023	rBV2	23659	55263	1.20%	0.145%
8	8.061	1032	1040	1052	rBV	496807	1121491	24.34%	2.951%
9	8.250	1064	1071	1080	rVB	68816	175647	3.81%	0.462%
10	8.615	1118	1131	1146	rBV	1442108	2857232	62.02%	7.519%
11	8.853	1162	1170	1177	rBV2	60889	134811	2.93%	0.355%
12	9.109	1199	1212	1218	rBV4	67382	183341	3.98%	0.482%
13	9.542	1276	1283	1294	rVB	70097	136626	2.97%	0.360%
14	9.676	1294	1305	1311	rBV2	96250	218442	4.74%	0.575%
15	10.042	1360	1365	1369	rBV2	54567	88466	1.92%	0.233%
16	10.109	1369	1376	1391	rVB	2316201	3899657	84.65%	10.262%
17	10.828	1486	1494	1502	rBV3	32558	90714	1.97%	0.239%
18	11.017	1520	1525	1530	rVV2	84826	160832	3.49%	0.423%
19	11.072	1530	1534	1538	rVV2	31091	52147	1.13%	0.137%
20	11.127	1538	1543	1547	rVV5	25611	55837	1.21%	0.147%
21	11.225	1555	1559	1568	rVB	61909	131685	2.86%	0.347%
22	11.414	1583	1590	1600	rBV	2013172	3345703	72.63%	8.804%
23	11.609	1616	1622	1627	rBV3	87653	186395	4.05%	0.491%
24	11.664	1627	1631	1636	rVV2	78480	133527	2.90%	0.351%
25	11.767	1643	1648	1651	rBV3	53925	102916	2.23%	0.271%
26	11.804	1651	1654	1660	rVB3	41620	82339	1.79%	0.217%
27	11.865	1660	1664	1667	rBV2	50990	72750	1.58%	0.191%
28	11.926	1667	1674	1683	rVV4	147450	454548	9.87%	1.196%
29	12.017	1685	1689	1698	rVB7	91922	260085	5.65%	0.684%
30	12.127	1698	1707	1709	rBV4	206822	411438	8.93%	1.083%
31	12.157	1709	1712	1717	rVB	339953	539594	11.71%	1.420%
32	12.249	1718	1727	1730	rBV7	145695	325663	7.07%	0.857%
33	12.407	1745	1753	1760	rBV3	2284163	4606761	100.00%	12.123%
34	12.499	1760	1768	1771	rBV5	153453	324263	7.04%	0.853%
35	12.566	1772	1779	1786	rVB5	307731	814355	17.68%	2.143%
36	12.657	1786	1794	1799	rBV7	197875	596296	12.94%	1.569%

LSC Area Percent Report

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Integration Parameters: RTEINT.P
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Start Thrs: 0.2 Max Peaks: 100
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37	12.737	1800	1807	1809	rBV4	205392	473067	10.27%	1.245%
38	12.852	1820	1826	1832	rBV	344839	792227	17.20%	2.085%
39	12.920	1833	1837	1841	rVV	404816	660920	14.35%	1.739%
40	12.993	1841	1849	1853	rVB2	339628	687232	14.92%	1.808%
41	13.096	1862	1866	1872	rBV2	198043	382624	8.31%	1.007%
42	13.206	1880	1884	1888	rBV2	491506	675087	14.65%	1.777%
43	13.273	1893	1895	1900	rVB4	96390	112503	2.44%	0.296%
44	13.346	1900	1907	1912	rBV	1688341	2679264	58.16%	7.051%
45	13.401	1912	1916	1925	rVB	416147	917299	19.91%	2.414%
46	13.487	1926	1930	1934	rBV3	143629	195365	4.24%	0.514%
47	13.535	1934	1938	1939	rBV3	65386	91559	1.99%	0.241%
48	13.560	1940	1942	1947	rVB3	130074	165959	3.60%	0.437%
49	13.663	1955	1959	1964	rVB3	198364	312563	6.78%	0.823%
50	13.883	1985	1995	1999	rBV3	414379	905298	19.65%	2.382%
51	13.925	1999	2002	2010	rVB	454122	691660	15.01%	1.820%
52	13.993	2010	2013	2017	rVB3	74569	102239	2.22%	0.269%
53	14.060	2019	2024	2030	rVB6	129293	278008	6.03%	0.732%
54	14.169	2038	2042	2051	rBV5	179951	458942	9.96%	1.208%
55	14.303	2059	2064	2067	rBV2	177305	323965	7.03%	0.853%
56	14.334	2067	2069	2074	rVB4	153415	208414	4.52%	0.548%
57	14.535	2099	2102	2105	rBV5	47407	73827	1.60%	0.194%
58	14.645	2117	2120	2127	rVB3	133480	226002	4.91%	0.595%
59	14.858	2151	2155	2158	rVB5	75978	114947	2.50%	0.302%
60	15.120	2195	2198	2204	rVB2	80906	127116	2.76%	0.335%
61	15.504	2257	2261	2266	rVB3	107567	193503	4.20%	0.509%
62	15.901	2321	2326	2333	rVB2	177254	351962	7.64%	0.926%
63	16.047	2346	2350	2356	rVB3	55710	99595	2.16%	0.262%
64	16.352	2397	2400	2407	rBV7	40047	74461	1.62%	0.196%

Sum of corrected areas: 38000613

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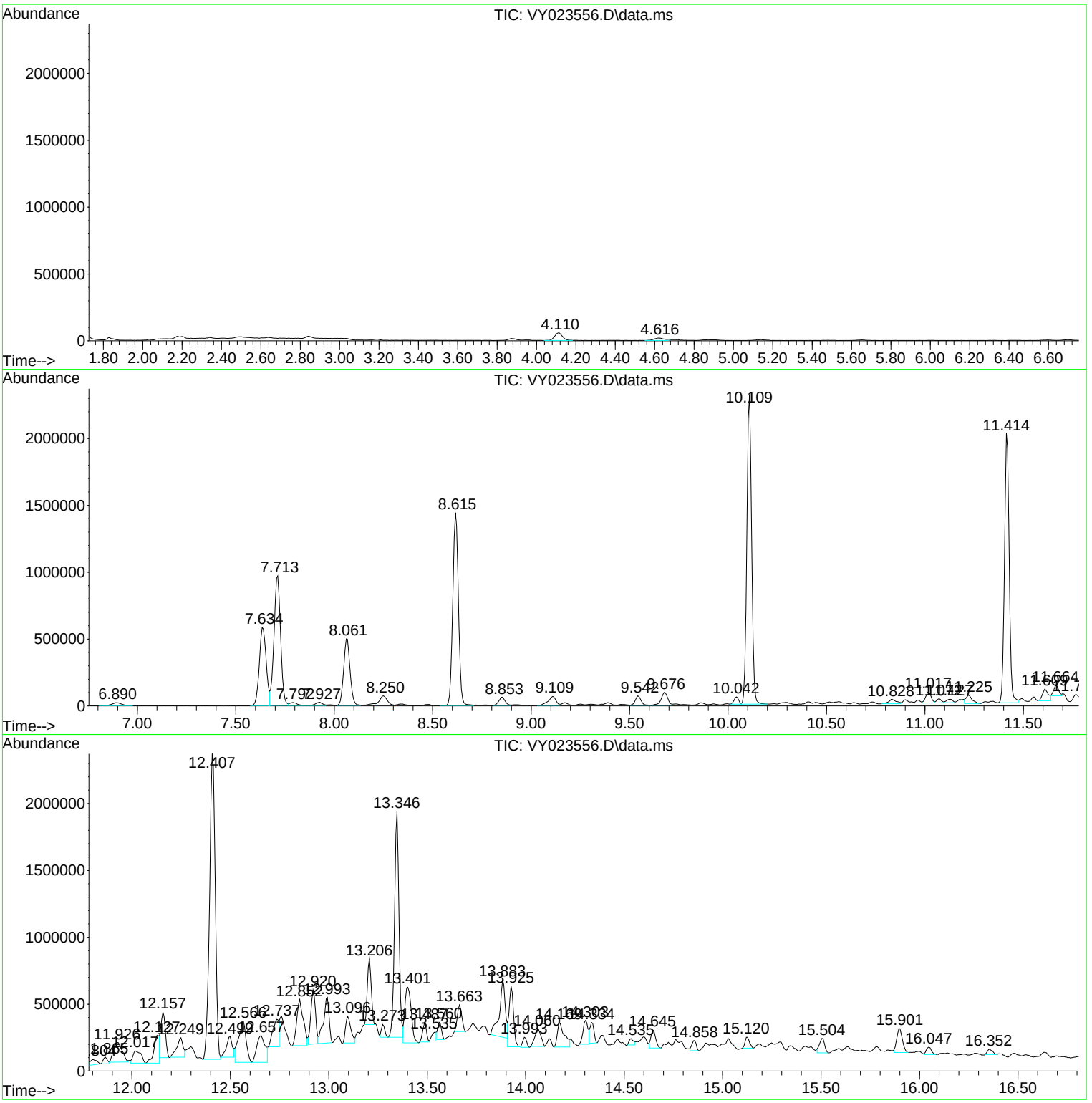
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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



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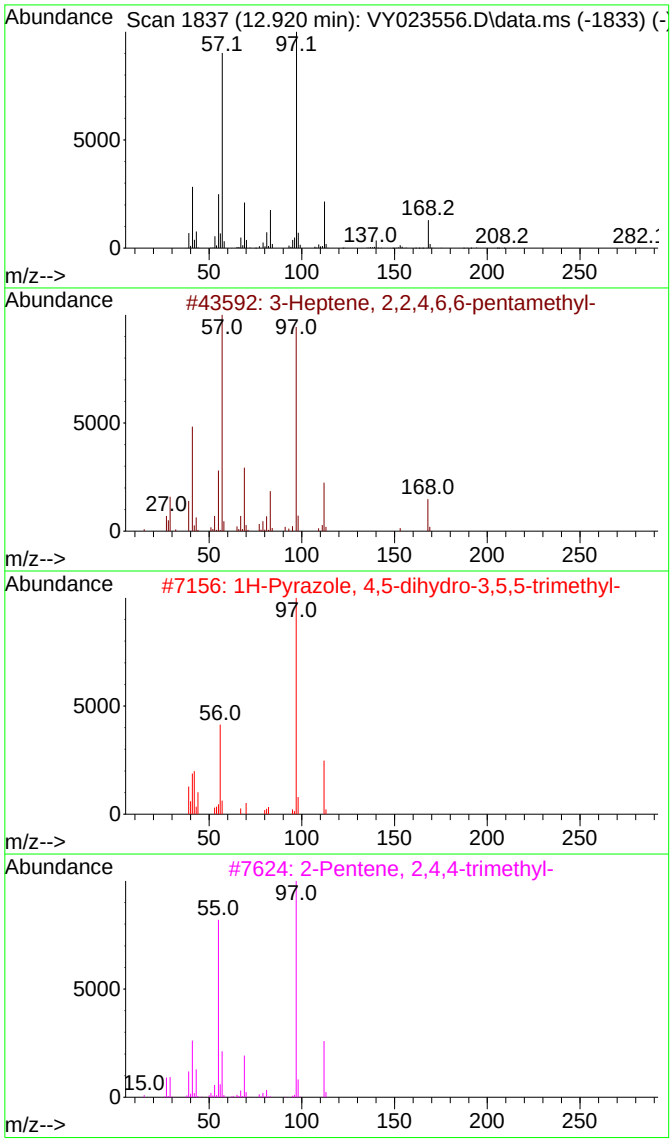
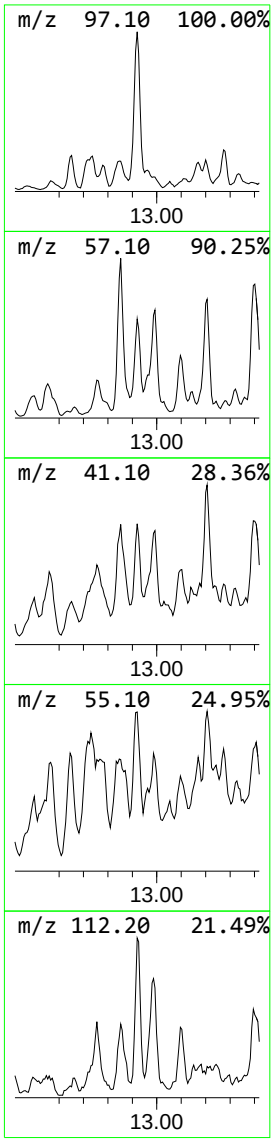
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-Heptene, 2,2,4,6,6-pentam... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.919	12.33 ug/l	660920	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	93
2	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	58
3	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	53
4	Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	53
5	2-Pyrazoline, 1,4,5-trimethyl-	112	C6H12N2	007423-11-2	53





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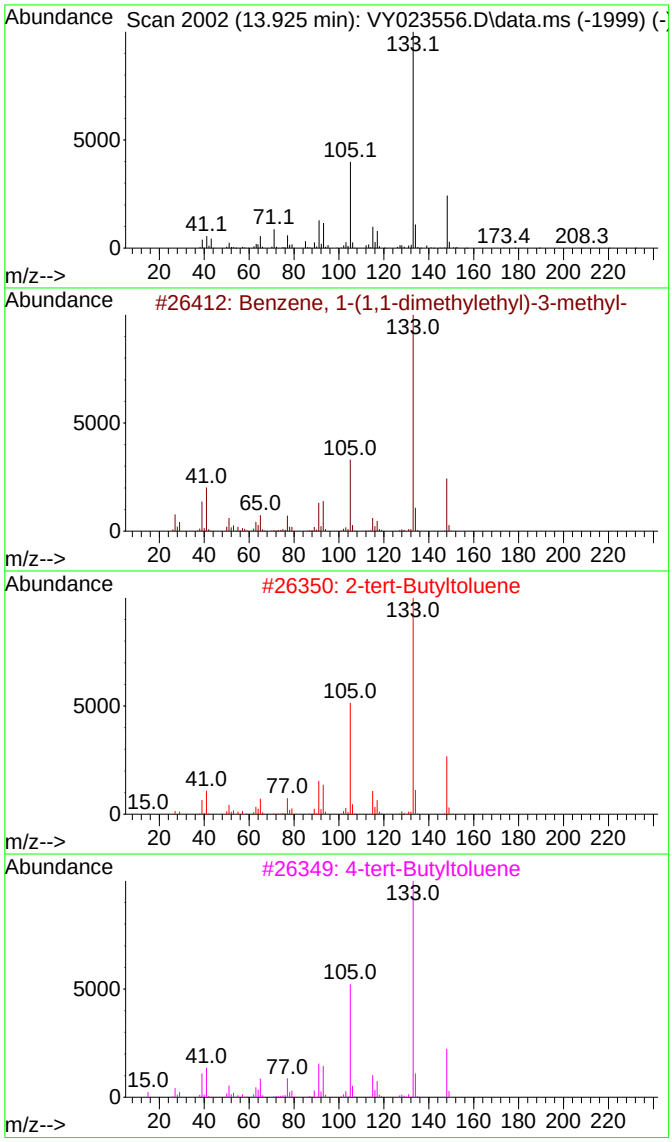
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

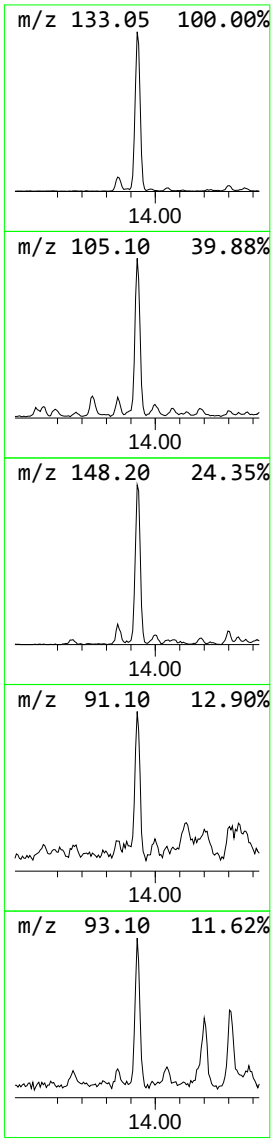
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-(1,1-dimethyleth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.926	12.91 ug/l	691660	1,4-Dichlorobenzene-d4	13.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	96
2	2-tert-Butyltoluene	148	C11H16	001074-92-6	94
3	4-tert-Butyltoluene	148	C11H16	000098-51-1	94
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87





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
3-Heptene, 2,2,...	12.919	12.3	ug/l	660920	4	13.346	2679260	50.0
Benzene, 1-(1,1...	13.926	12.9	ug/l	691660	4	13.346	2679260	50.0