

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014287.D
 Acq On : 20 Jun 2023 16:43
 Operator : KP/MD
 Sample : 03296-24
 Misc : 6.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TW-07-GRAB-7

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\82Y060923S.M

Title : SW846 8260

Signal : TIC: VY014287.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.857	5	6	11	rVB3	1223	1572	4.10%	0.635%
2	1.930	16	18	22	rVV	420	408	1.06%	0.165%
3	1.967	22	24	26	rVV2	541	460	1.20%	0.186%
4	2.107	44	47	48	rBV2	1434	1236	3.22%	0.499%
5	2.174	54	58	61	rBV3	810	1208	3.15%	0.488%
6	2.211	61	64	66	rBV2	1345	1297	3.38%	0.524%
7	2.302	77	79	81	rBV2	762	646	1.68%	0.261%
8	2.375	88	91	96	rVV5	411	812	2.12%	0.328%
9	2.461	102	105	107	rVV3	811	718	1.87%	0.290%
10	2.497	107	111	112	rVV3	1283	1674	4.37%	0.676%
11	2.516	112	114	117	rVB2	1704	1634	4.26%	0.660%
12	2.662	134	138	144	rVB5	1820	2829	7.38%	1.142%
13	2.802	159	161	163	rVV	408	425	1.11%	0.172%
14	3.302	239	243	244	rBV2	331	395	1.03%	0.160%
15	3.363	249	253	254	rVV2	304	391	1.02%	0.158%
16	3.942	342	348	349	rBV4	448	711	1.85%	0.287%
17	4.028	355	362	363	rBV4	1832	2965	7.73%	1.197%
18	4.040	363	364	366	rVV2	1472	1206	3.15%	0.487%
19	4.088	370	372	378	rVV2	654	1079	2.81%	0.436%
20	4.454	429	432	433	rVV	556	390	1.02%	0.157%
21	4.479	433	436	438	rVV2	406	560	1.46%	0.226%
22	4.540	442	446	448	rVV2	367	400	1.04%	0.162%
23	4.607	455	457	461	rVB3	374	456	1.19%	0.184%
24	4.710	468	474	482	rVV7	1951	5371	14.01%	2.169%
25	5.631	622	625	627	rBV3	330	387	1.01%	0.156%
26	5.649	627	628	634	rVB2	263	421	1.10%	0.170%
27	6.033	685	691	694	rBV2	361	729	1.90%	0.294%
28	6.411	750	753	758	rVB3	227	395	1.03%	0.160%
29	6.564	774	778	781	rBV2	282	438	1.14%	0.177%
30	6.655	791	793	798	rBV2	213	388	1.01%	0.157%
31	7.576	937	944	949	rBV2	365	705	1.84%	0.285%
32	7.716	958	967	971	rBV4	3359	8351	21.78%	3.372%
33	7.789	972	979	986	rVB2	11813	26124	68.14%	10.549%
34	8.137	1029	1036	1044	rBV3	6538	15132	39.47%	6.110%
35	8.271	1054	1058	1061	rBV3	388	672	1.75%	0.271%
36	8.691	1119	1127	1137	rBV	16068	31082	81.07%	12.551%

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37	9.411	1240	1245	1250	rBV2	562	607	1.58%	0.245%
38	9.722	1293	1296	1299	rVB2	375	435	1.13%	0.176%
39	9.758	1299	1302	1304	rBV	414	531	1.39%	0.214%
40	9.972	1335	1337	1339	rBV2	391	414	1.08%	0.167%
41	10.179	1364	1371	1378	rVV2	21366	38339	100.00%	15.482%
42	10.228	1378	1379	1382	rVV2	418	444	1.16%	0.179%
43	10.283	1385	1388	1392	rVB2	331	518	1.35%	0.209%
44	10.337	1395	1397	1401	rVV2	385	580	1.51%	0.234%
45	10.374	1401	1403	1407	rVB2	378	513	1.34%	0.207%
46	10.575	1431	1436	1437	rBV3	373	694	1.81%	0.280%
47	11.008	1501	1507	1509	rBV	301	485	1.27%	0.196%
48	11.106	1518	1523	1526	rVV2	560	870	2.27%	0.351%
49	11.130	1526	1527	1530	rVV	335	417	1.09%	0.168%
50	11.179	1532	1535	1538	rVB2	480	514	1.34%	0.208%
51	11.490	1580	1586	1593	rVV2	17934	30047	78.37%	12.133%
52	11.758	1626	1630	1633	rVB2	371	559	1.46%	0.226%
53	12.398	1732	1735	1739	rVB3	482	674	1.76%	0.272%
54	12.483	1743	1749	1755	rVV3	12035	20328	53.02%	8.209%
55	12.685	1781	1782	1787	rVB2	363	409	1.07%	0.165%
56	12.727	1787	1789	1792	rBV2	408	519	1.35%	0.210%
57	12.825	1801	1805	1811	rVV3	291	493	1.29%	0.199%
58	13.136	1855	1856	1861	rVB2	350	434	1.13%	0.175%
59	13.264	1873	1877	1878	rBV2	437	413	1.08%	0.167%
60	13.288	1878	1881	1885	rVB3	424	601	1.57%	0.243%
61	13.428	1896	1904	1910	rBV2	10679	18245	47.59%	7.367%
62	13.477	1910	1912	1916	rVB2	510	518	1.35%	0.209%
63	13.965	1985	1992	1994	rBV4	906	1316	3.43%	0.531%
64	14.203	2027	2031	2034	rVB3	436	653	1.70%	0.264%
65	14.239	2034	2037	2039	rBV4	438	564	1.47%	0.228%
66	14.684	2105	2110	2111	rBV2	540	622	1.62%	0.251%
67	14.739	2111	2119	2120	rVV4	773	1635	4.26%	0.660%
68	14.757	2120	2122	2125	rVB2	590	531	1.39%	0.214%
69	14.885	2141	2143	2146	rBV2	580	522	1.36%	0.211%
70	15.135	2182	2184	2189	rVB4	346	513	1.34%	0.207%
71	15.373	2219	2223	2224	rBV2	559	562	1.47%	0.227%
72	15.544	2248	2251	2254	rBV4	398	540	1.41%	0.218%
73	15.763	2286	2287	2291	rBV2	422	462	1.21%	0.187%
74	15.794	2291	2292	2295	rVV3	522	482	1.26%	0.195%
75	15.830	2295	2298	2299	rVV2	504	506	1.32%	0.204%
76	15.842	2299	2300	2305	rVV3	460	755	1.97%	0.305%

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77	15.952	2315	2318	2320	rBV2	517	744	1.94%	0.300%
78	16.074	2336	2338	2342	rBV3	557	800	2.09%	0.323%
79	16.117	2344	2345	2348	rVV2	418	402	1.05%	0.162%
80	16.172	2351	2354	2356	rVB3	688	641	1.67%	0.259%
81	16.208	2356	2360	2361	rBV2	465	576	1.50%	0.233%
82	16.245	2364	2366	2370	rVB4	583	670	1.75%	0.271%
83	16.391	2388	2390	2392	rVV3	623	578	1.51%	0.233%
84	16.464	2400	2402	2405	rVB3	433	485	1.27%	0.196%
85	16.501	2406	2408	2411	rVV3	698	416	1.09%	0.168%
86	16.726	2442	2445	2446	rVV2	384	399	1.04%	0.161%

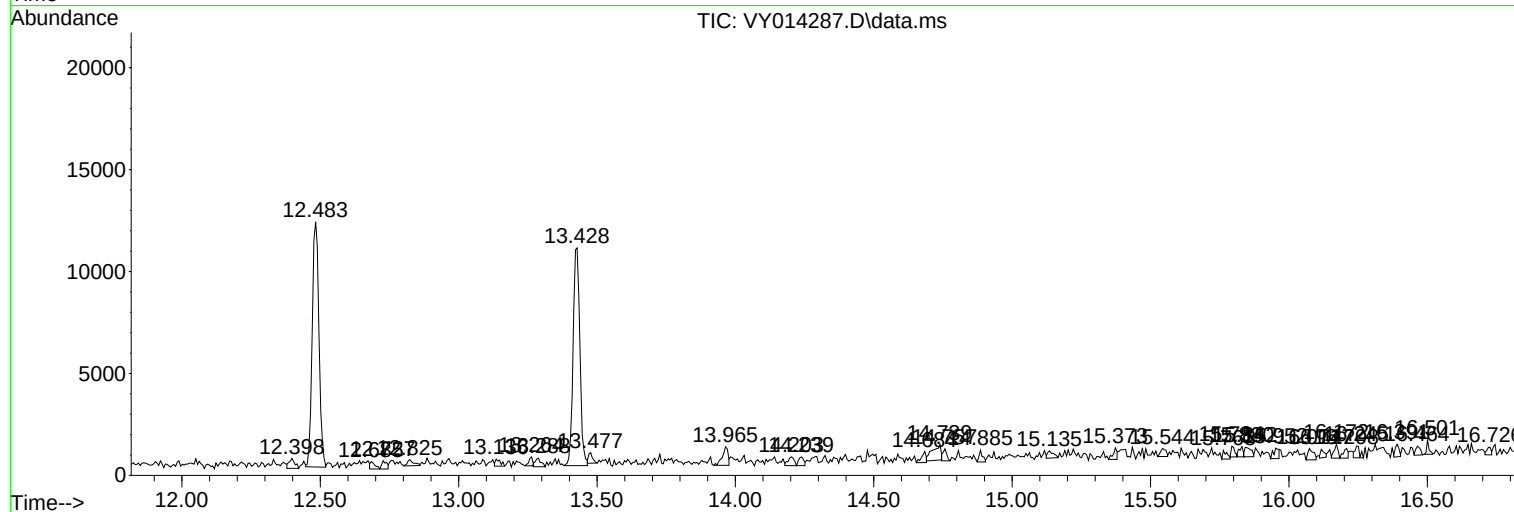
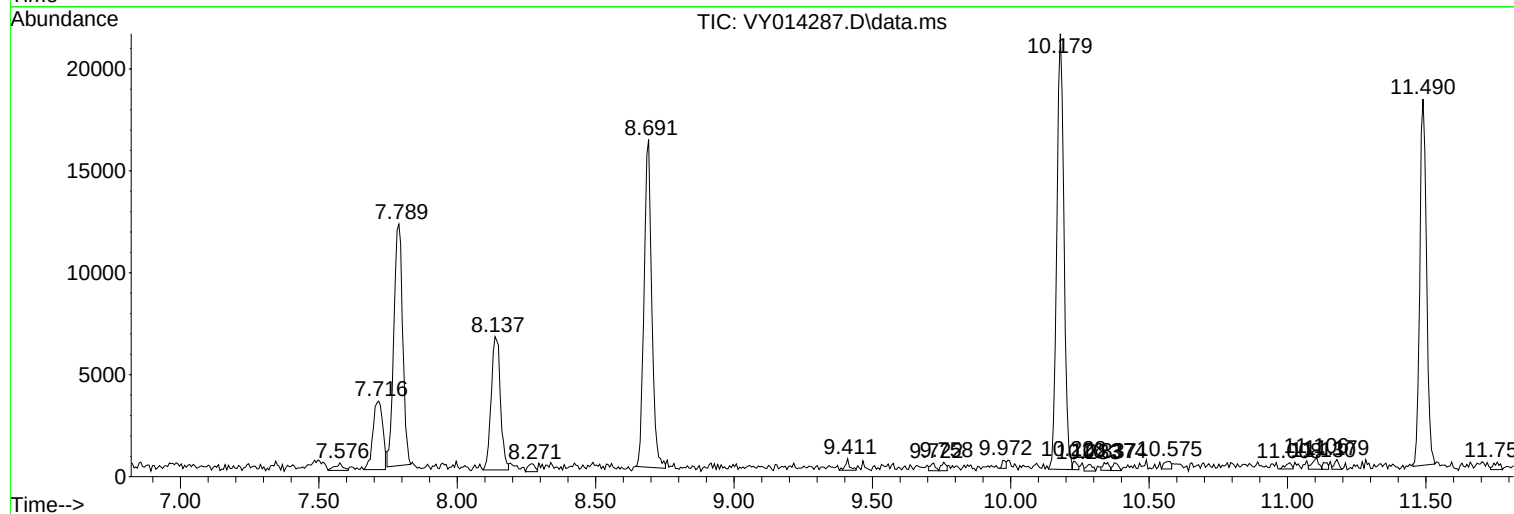
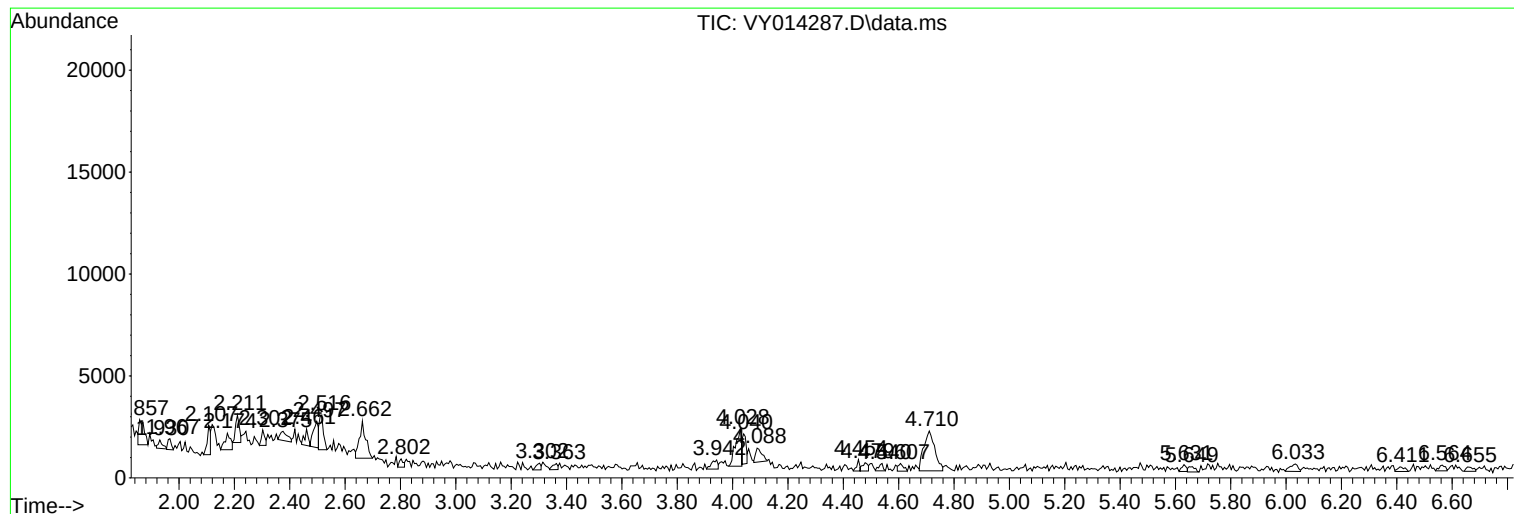
Sum of corrected areas: 247642

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260

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



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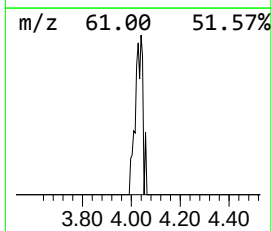
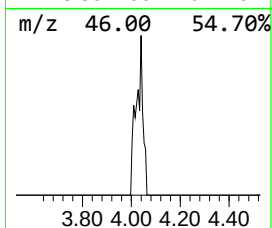
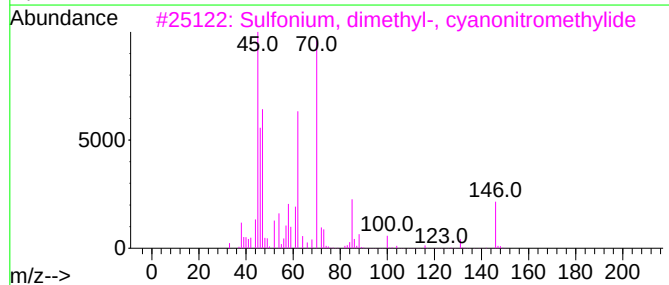
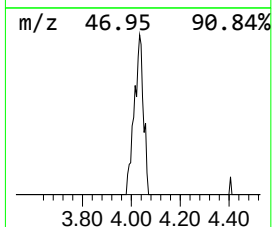
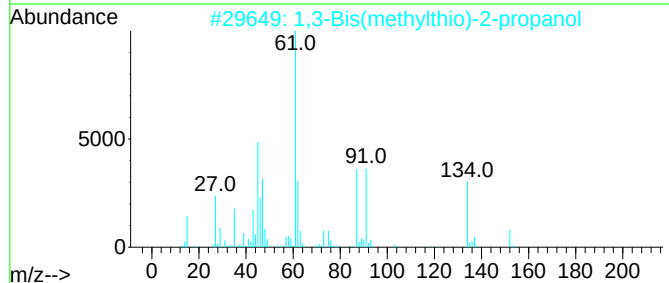
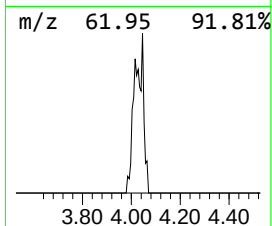
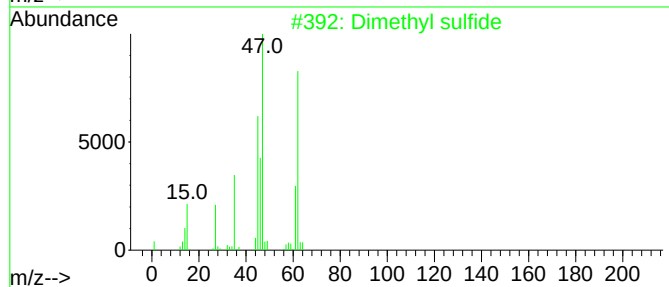
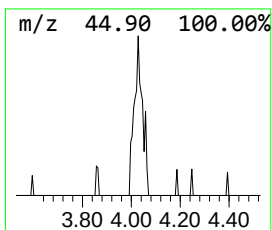
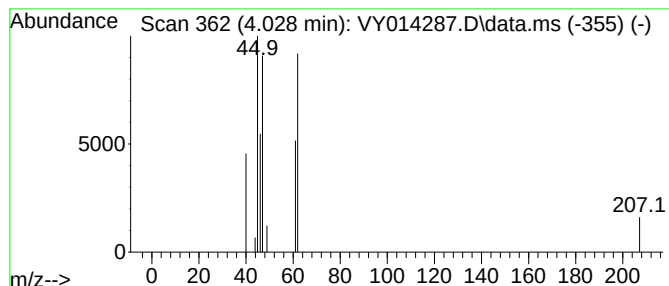
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.028	5.67 ug/l	2965	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	80
2			1,3-Bis(methylthio)-2-propanol	152	C5H12OS2	031805-83-1	64
3			Sulfonium, dimethyl-, cyanonitro...	146	C4H6N2O2S	058992-18-0	64
4			Propane, 2-methyl-1-(methylthio)-	104	C5H12S	005008-69-5	43
5			Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	40



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl sulfide	4.028	5.7	ug/l	2965	1	7.789	26124	50.0