

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041221\
 Data File : VY004386.D
 Acq On : 12 Apr 2021 16:03
 Operator : SY/MD
 Sample : M1998-05
 Misc : 3.86G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4A

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\82Y041221S.M
 Title : SW846 8260

Signal : TIC: VY004386.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.394	90	94	101	rVB	13847	23183	2.28%	0.353%
2	2.887	170	175	179	rBV3	16542	44240	4.34%	0.673%
3	3.960	342	351	358	rBV	46429	128534	12.62%	1.956%
4	4.046	358	365	382	rVB	44590	129014	12.66%	1.964%
5	4.216	382	393	420	rBV2	16316	123806	12.15%	1.884%
6	4.728	468	477	490	rVB3	6816	22693	2.23%	0.345%
7	7.002	840	850	861	rBV	12215	35324	3.47%	0.538%
8	7.728	959	969	975	rBV	124144	305074	29.94%	4.643%
9	7.801	975	981	990	rVB	230418	517533	50.80%	7.877%
10	8.149	1029	1038	1052	rBV	144657	325929	31.99%	4.961%
11	8.331	1060	1068	1075	rBV2	12902	32536	3.19%	0.495%
12	8.405	1075	1080	1090	rVB9	3987	10844	1.06%	0.165%
13	8.551	1098	1104	1117	rVB7	4840	15238	1.50%	0.232%
14	8.697	1120	1128	1138	rVB	372101	720628	70.73%	10.968%
15	8.929	1160	1166	1174	rBV3	4942	11958	1.17%	0.182%
16	9.191	1204	1209	1214	rVV5	8174	17137	1.68%	0.261%
17	9.252	1214	1219	1228	rVV7	3868	10857	1.07%	0.165%
18	9.618	1271	1279	1287	rBV4	7932	16300	1.60%	0.248%
19	9.758	1295	1302	1308	rBV3	11460	23654	2.32%	0.360%
20	10.075	1347	1354	1357	rBV2	6253	12135	1.19%	0.185%
21	10.118	1357	1361	1365	rVB2	7963	12269	1.20%	0.187%
22	10.185	1365	1372	1379	rBV	606017	1018829	100.00%	15.507%
23	10.807	1469	1474	1478	rBV2	6882	12987	1.27%	0.198%
24	11.276	1544	1551	1559	rVB10	4610	12793	1.26%	0.195%
25	11.496	1579	1587	1595	rBV	535767	879057	86.28%	13.380%
26	11.709	1612	1622	1624	rBV6	5942	15821	1.55%	0.241%
27	12.014	1663	1672	1682	rBV6	8265	27608	2.71%	0.420%
28	12.123	1682	1690	1695	rVB3	13091	29165	2.86%	0.444%
29	12.209	1695	1704	1706	rBV6	11260	23968	2.35%	0.365%
30	12.239	1706	1709	1714	rVB2	15194	23498	2.31%	0.358%
31	12.337	1718	1725	1729	rBV10	7343	16907	1.66%	0.257%
32	12.483	1742	1749	1756	rBV	412927	666119	65.38%	10.139%
33	12.648	1771	1776	1783	rVB8	10519	25640	2.52%	0.390%
34	12.733	1783	1790	1796	rBV8	6852	21529	2.11%	0.328%
35	12.812	1796	1803	1806	rBV5	17073	36202	3.55%	0.551%
36	12.928	1817	1822	1829	rBV	31324	57227	5.62%	0.871%

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37	13.001	1829	1834	1838	rVV	42459	64828	6.36%	0.987%
38	13.044	1838	1841	1843	rVV2	17564	25017	2.46%	0.381%
39	13.075	1843	1846	1851	rVV2	15752	25529	2.51%	0.389%
40	13.135	1851	1856	1860	rVV4	11535	25434	2.50%	0.387%
41	13.172	1860	1862	1868	rVB2	11387	16721	1.64%	0.254%
42	13.288	1873	1881	1885	rBV2	28617	51013	5.01%	0.776%
43	13.361	1890	1893	1897	rVV5	13120	23256	2.28%	0.354%
44	13.428	1898	1904	1910	rVV	498730	773604	75.93%	11.775%
45	13.477	1910	1912	1921	rVV	20754	44237	4.34%	0.673%
46	13.751	1952	1957	1962	rVV8	11077	21624	2.12%	0.329%
47	13.971	1989	1993	2000	rVB3	15007	25220	2.48%	0.384%
48	14.154	2019	2023	2028	rVB6	6561	11574	1.14%	0.176%
49	14.257	2037	2040	2046	rBV8	8374	14195	1.39%	0.216%
50	14.678	2105	2109	2114	rBV5	6765	12789	1.26%	0.195%
51	14.733	2115	2118	2124	rVB8	9302	15789	1.55%	0.240%
52	15.233	2198	2200	2207	rVB	7882	13090	1.28%	0.199%

Sum of corrected areas: 6570156

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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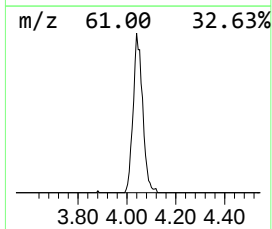
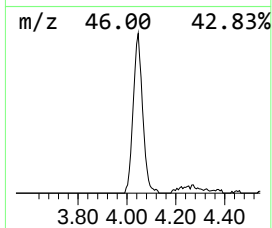
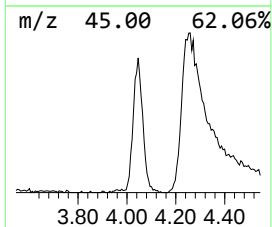
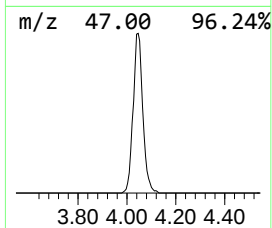
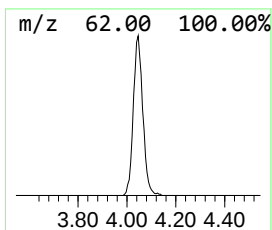
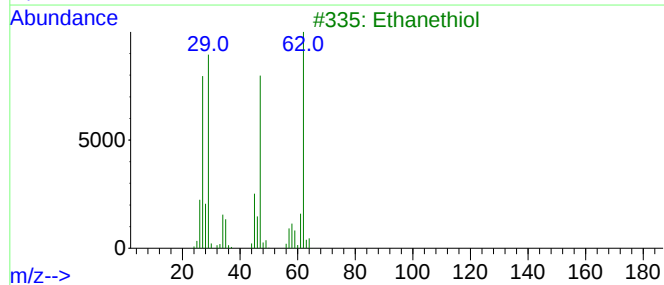
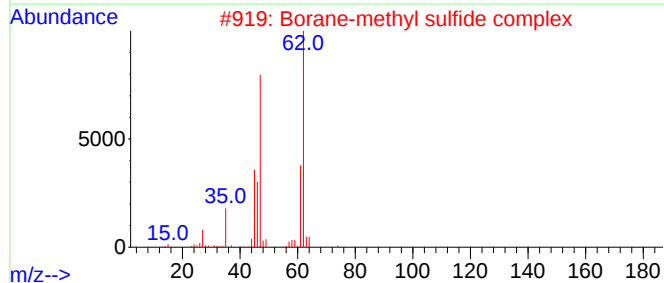
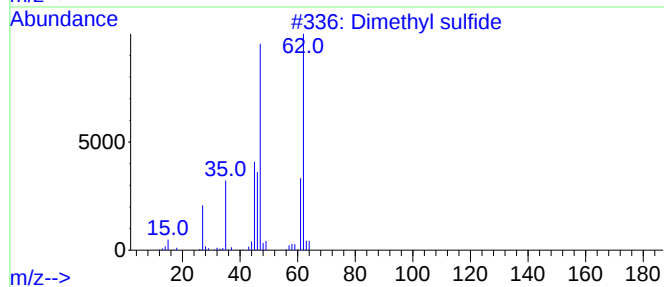
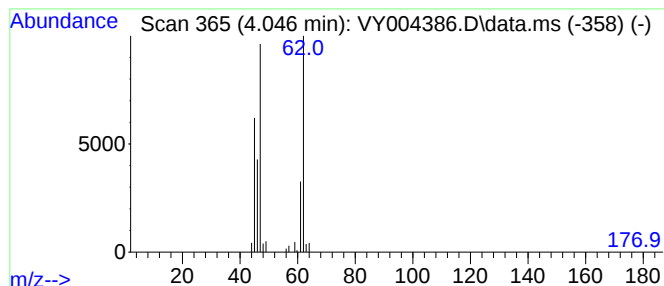
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.046	12.46 ug/l	129014	Pentafluorobenzene	7.801

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	91
2			Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	83
3			Ethanethiol	62	C2H6S	000075-08-1	56
4			Boric acid	62	BH3O3	010043-35-3	9
5			Peroxide, dimethyl	62	C2H6O2	000690-02-8	5



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl sulfide	4.046	12.5	ug/l	129014	1	7.801	517533	50.0