

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062512.D
 Acq On : 12 May 2019 19:28
 Operator : FY/SY
 Sample : K2734-21
 Misc : 5.37g/5mL/MSVOA F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS015-0002-01

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.127	56	60	61	rBV3	2813	5131	2.18%	0.269%
2	1.147	61	62	64	rBV2	3902	6848	2.91%	0.360%
3	1.176	64	65	66	rVV	4215	4370	1.86%	0.230%
4	1.206	66	68	69	rVV2	4023	5715	2.43%	0.300%
5	1.245	69	72	74	rVV4	3255	8847	3.76%	0.465%
6	1.275	74	75	77	rVB2	4032	5107	2.17%	0.268%
7	1.462	90	94	95	rBV3	4821	7100	3.02%	0.373%
8	1.492	95	97	98	rBV2	2539	3494	1.48%	0.183%
9	1.580	104	106	108	rBV3	2883	4035	1.71%	0.212%
10	1.610	108	109	110	rVV	4149	3234	1.37%	0.170%
11	1.630	110	111	112	rVV	12827	8032	3.41%	0.422%
12	1.659	112	114	117	rVV3	4663	8602	3.65%	0.452%
13	1.699	117	118	122	rVB4	6055	9191	3.90%	0.483%
14	1.748	122	123	125	rBV2	3358	3685	1.57%	0.194%
15	1.787	125	127	131	rBV4	2166	4182	1.78%	0.220%
16	1.994	144	148	156	rBV	111783	232413	98.71%	12.206%
17	2.093	156	158	160	rVB3	5937	8325	3.54%	0.437%
18	2.280	175	177	178	rBV2	3772	4176	1.77%	0.219%
19	2.310	178	180	182	rVV3	5393	8393	3.56%	0.441%
20	2.349	182	184	187	rVB3	5559	12131	5.15%	0.637%
21	2.477	195	197	199	rBV3	4884	5130	2.18%	0.269%
22	2.556	203	205	206	rBV2	2859	3401	1.44%	0.179%
23	2.635	211	213	215	rVB3	4153	5444	2.31%	0.286%
24	3.128	261	263	264	rVV2	3512	5038	2.14%	0.265%
25	3.158	264	266	271	rVB5	10823	20153	8.56%	1.058%
26	3.660	313	317	320	rVB4	3761	8896	3.78%	0.467%
27	3.887	339	340	343	rBV3	2833	3773	1.60%	0.198%
28	4.163	366	368	372	rBV4	1890	4311	1.83%	0.226%
29	4.331	379	385	393	rVB	48964	149335	63.42%	7.843%
30	4.587	409	411	415	rVB5	2275	4628	1.97%	0.243%
31	4.695	420	422	424	rBV3	1919	3037	1.29%	0.159%
32	4.745	424	427	429	rVB3	2354	4432	1.88%	0.233%
33	4.883	439	441	443	rBV3	2330	4423	1.88%	0.232%
34	5.070	453	460	466	rBV2	70777	235459	100.00%	12.366%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062512.D
 Acq On : 12 May 2019 19:28
 Operator : FY/SY
 Sample : K2734-21
 Misc : 5.37a/5mL/MSVOA F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS015-0002-01

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Title : SW846 8260

35	5.139	466	467	469	rVV2	2671	3549	1.51%	0.186%
36	5.178	469	471	475	rVB4	1859	4219	1.79%	0.222%
37	5.306	482	484	486	rVB3	2666	3418	1.45%	0.180%
38	5.454	497	499	501	rVB2	2117	3096	1.31%	0.163%
39	5.799	528	534	546	rBV	60877	173384	73.64%	9.106%
40	6.154	567	570	571	rBV3	1896	3915	1.66%	0.206%
41	6.351	587	590	592	rVB2	2136	4001	1.70%	0.210%
42	6.598	613	615	618	rBV4	2436	3916	1.66%	0.206%
43	6.686	621	624	627	rVB3	2203	3638	1.55%	0.191%
44	6.854	637	641	642	rBV3	3156	4959	2.11%	0.260%
45	6.894	642	645	646	rVB	2561	3383	1.44%	0.178%
46	7.386	692	695	697	rBV4	1538	3082	1.31%	0.162%
47	7.446	697	701	711	rVV	16825	46382	19.70%	2.436%
48	7.603	715	717	720	rVB3	1997	3883	1.65%	0.204%
49	7.731	723	730	735	rBV	65197	157574	66.92%	8.275%
50	7.800	735	737	739	rVV	4603	5524	2.35%	0.290%
51	8.057	758	763	764	rVV4	1971	3666	1.56%	0.193%
52	8.362	788	794	798	rBV5	3919	13921	5.91%	0.731%
53	8.540	810	812	819	rVB5	1587	4272	1.81%	0.224%
54	8.924	848	851	853	rVV4	1454	3220	1.37%	0.169%
55	9.062	863	865	868	rVB3	2658	3756	1.60%	0.197%
56	9.358	890	895	898	rVV5	1879	6118	2.60%	0.321%
57	9.437	902	903	906	rVV3	2253	3357	1.43%	0.176%
58	9.516	909	911	914	rVV4	1807	3178	1.35%	0.167%
59	9.772	935	937	941	rBV4	2063	4497	1.91%	0.236%
60	9.930	948	953	961	rBV	73177	171884	73.00%	9.027%
61	10.058	963	966	970	rVB5	2457	5236	2.22%	0.275%
62	10.235	982	984	987	rBV3	1875	3443	1.46%	0.181%
63	10.363	993	997	1002	rVB8	2148	4955	2.10%	0.260%
64	10.511	1010	1012	1015	rBV2	2222	4408	1.87%	0.231%
65	10.767	1035	1038	1039	rBV2	2312	3739	1.59%	0.196%
66	10.905	1050	1052	1054	rBV3	1668	3086	1.31%	0.162%
67	11.211	1079	1083	1085	rBV4	2603	5679	2.41%	0.298%
68	11.507	1110	1113	1119	rBV	62183	112543	47.80%	5.910%
69	11.635	1123	1126	1129	rVB4	7176	11942	5.07%	0.627%
70	11.970	1157	1160	1163	rVB3	2239	4611	1.96%	0.242%
71	12.039	1163	1167	1169	rBV3	1812	3487	1.48%	0.183%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062512.D
 Acq On : 12 May 2019 19:28
 Operator : FY/SY
 Sample : K2734-21
 Misc : 5.37g/5mL/MSVOA F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS015-0002-01

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Title : SW846 8260

72	12.118	1172	1175	1182	rBV6	4322	13489	5.73%	0.708%
73	12.216	1182	1185	1187	rBV3	2520	4203	1.79%	0.221%
74	12.374	1197	1201	1207	rVB8	2450	7052	3.00%	0.370%
75	12.502	1210	1214	1216	rBV4	2859	7535	3.20%	0.396%
76	12.621	1223	1226	1233	rVB	86932	136217	57.85%	7.154%
77	12.719	1235	1236	1240	rVB3	2296	4062	1.73%	0.213%
78	12.768	1240	1241	1244	rBV3	1875	3422	1.45%	0.180%
79	12.857	1249	1250	1253	rBV3	2064	3781	1.61%	0.199%
80	12.995	1261	1264	1266	rBV3	3376	4461	1.89%	0.234%
81	13.123	1274	1277	1279	rBV4	2801	4830	2.05%	0.254%
82	13.202	1282	1285	1287	rVB3	1693	3261	1.38%	0.171%
83	13.242	1287	1289	1291	rBV2	2701	4143	1.76%	0.218%
84	13.340	1295	1299	1301	rBV4	3806	8945	3.80%	0.470%
85	13.626	1324	1328	1331	rBV3	1111	3090	1.31%	0.162%
86	13.734	1338	1339	1348	rBV5	1937	7824	3.32%	0.411%
87	13.922	1355	1358	1361	rVB5	2647	6286	2.67%	0.330%
88	14.020	1364	1368	1370	rVB2	2539	4333	1.84%	0.228%
89	14.119	1376	1378	1381	rVV	6417	7189	3.05%	0.378%
90	14.188	1383	1385	1388	rBV2	1996	4147	1.76%	0.218%
91	14.513	1415	1418	1420	rVB	4967	7921	3.36%	0.416%
92	14.651	1429	1432	1434	rVB2	3812	5534	2.35%	0.291%
93	14.838	1446	1451	1454	rBV5	2008	6196	2.63%	0.325%
94	14.996	1463	1467	1469	rBV3	2261	4157	1.77%	0.218%
95	15.065	1471	1474	1475	rBV3	1914	3019	1.28%	0.159%
96	15.361	1501	1504	1508	rBV4	1852	4287	1.82%	0.225%
97	15.588	1525	1527	1529	rBV2	2036	3598	1.53%	0.189%
98	15.913	1558	1560	1562	rBV2	3128	4667	1.98%	0.245%
99	16.002	1566	1569	1570	rBV3	2630	3056	1.30%	0.160%
100	16.031	1570	1572	1575	rBV4	1922	4031	1.71%	0.212%

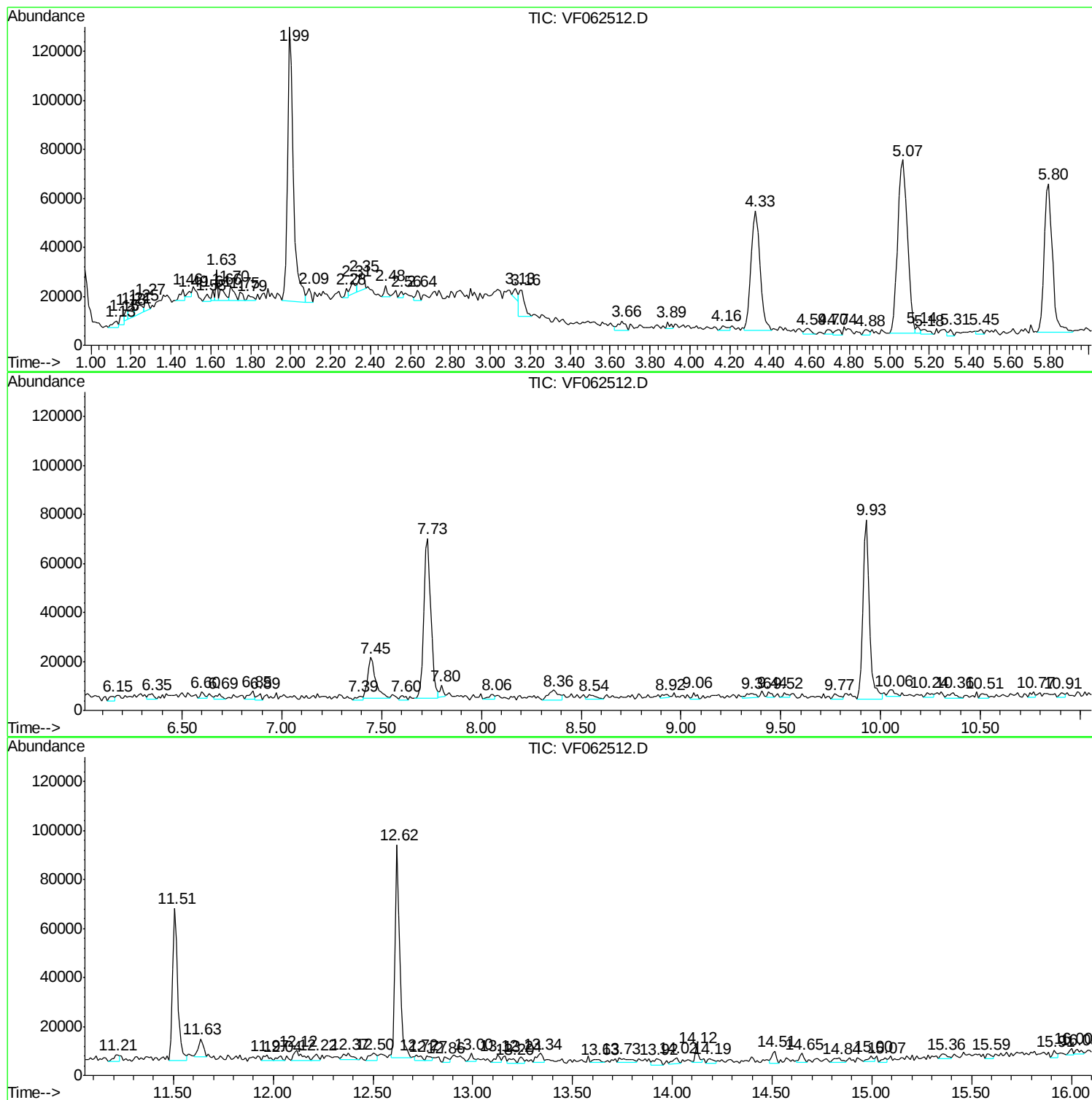
Sum of corrected areas: 1904128

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051219\
Data File : VF062512.D
Acq On : 12 May 2019 19:28
Operator : FY/SY
Sample : K2734-21
Misc : 5.37g/5mL/MSVOA F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS015-0002-01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051219\
Data File : VF062512.D
Acq On : 12 May 2019 19:28
Operator : FY/SY
Sample : K2734-21
Misc : 5.37g/5mL/MSVOA F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS015-0002-01

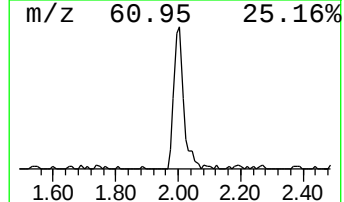
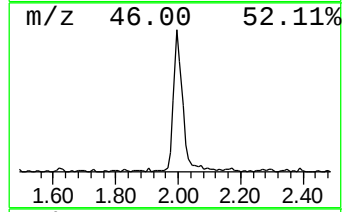
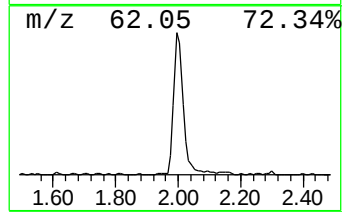
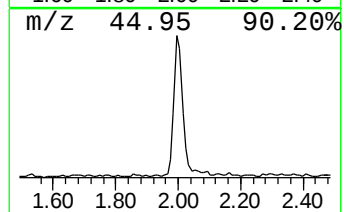
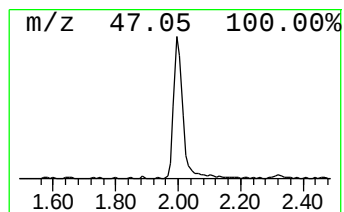
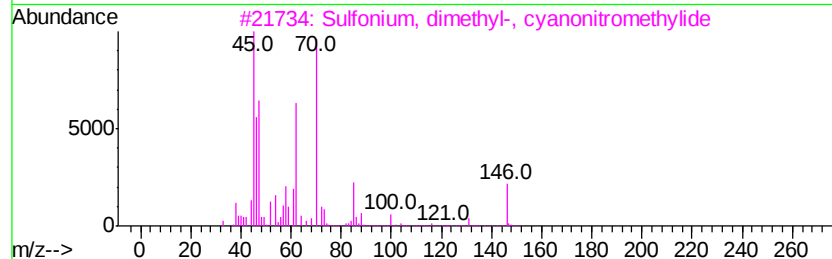
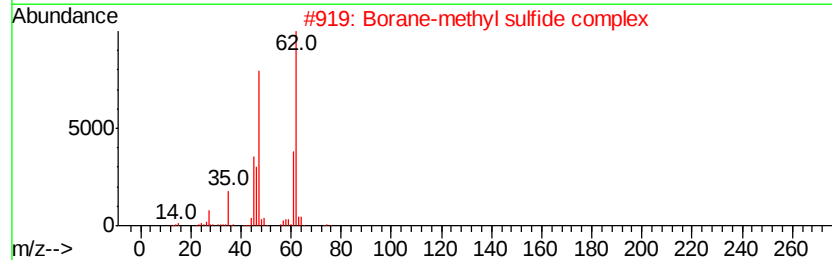
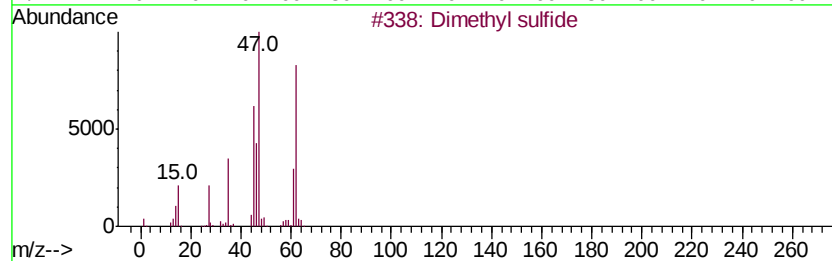
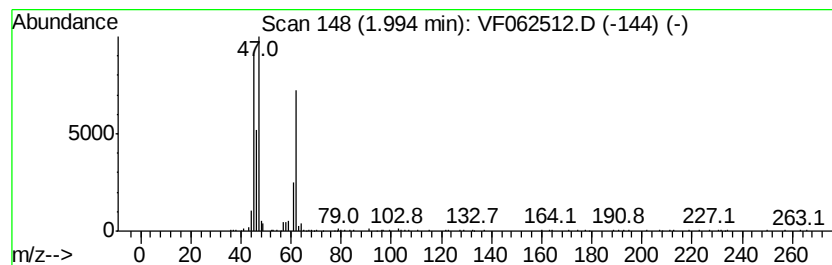
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260

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.
1.99	49.35 ug/l	232413	Pentafluorobenzene	5.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl sulfide	62	C2H6S	000075-18-3	91
2		Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	59
3		Sulfonium, dimethyl-, cyanonitro...	146	C4H6N2O2S	058992-18-0	50
4		Ethanethiol	62	C2H6S	000075-08-1	47
5		Boric acid	62	BH3O3	010043-35-3	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051219\
Data File : VF062512.D
Acq On : 12 May 2019 19:28
Operator : FY/SY
Sample : K2734-21
Misc : 5.37g/5mL/MSVOA F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS015-0002-01

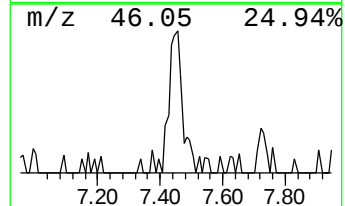
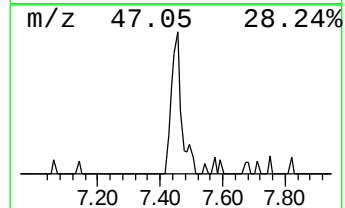
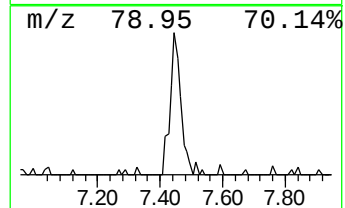
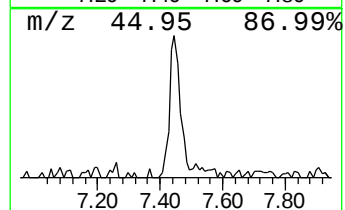
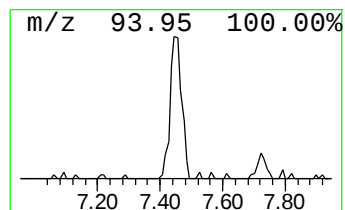
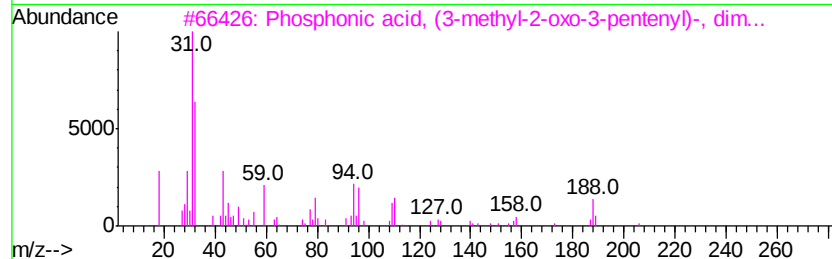
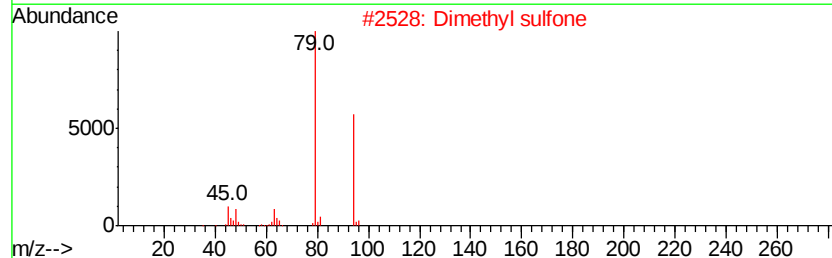
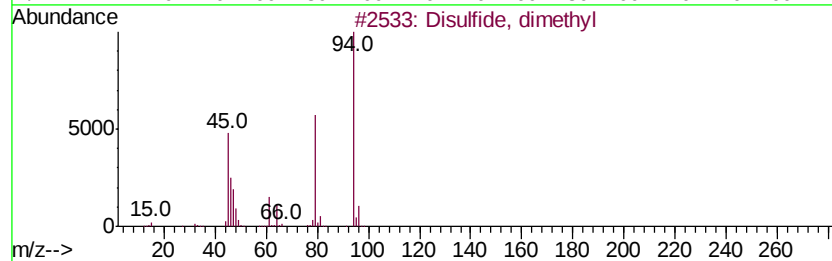
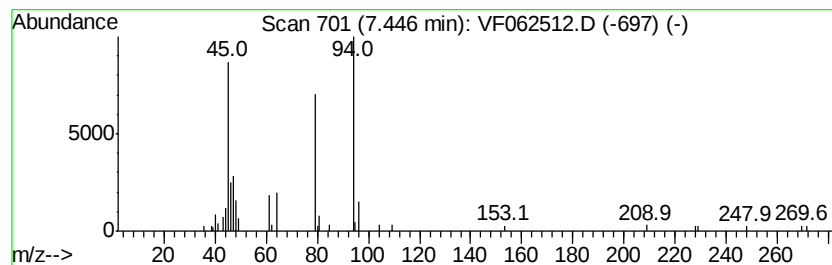
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260

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

Peak Number 2 Disulfide, dimethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	13.38 ug/l	46382	1,4-Difluorobenzene	5.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	93
2		Dimethyl sulfone	94	C2H6O2S	000067-71-0	50
3		Phosphonic acid, (3-methyl-2-oxo...	206	C8H15O4P	054543-04-3	36
4		1,2-Ethanedithiol	94	C2H6S2	000540-63-6	35
5		S-(2,2,2-Trifluoroethyl) methane...	194	C3H5F3O2S2	069466-44-0	23



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062512.D
Acq On : 12 May 2019 19:28
Operator : FY/SY
Sample : K2734-21
Misc : 5.37g/5mL/MSVOA_F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS015-0002-01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl sulfide	1.99	49.4	ug/l	232413	1	5.07	235459	50.0
Disulfide, dimethyl	7.45	13.4	ug/l	46382	2	5.80	173384	50.0