

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
 Data File : VY004372.D
 Acq On : 09 Apr 2021 20:48
 Operator : SY/MD
 Sample : M1998-02
 Misc : 3.51G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3B

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\82Y032921S.M
 Title : SW846 8260

Signal : TIC: VY004372.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.235	46	68	72	rBV7	14054	81321	6.45%	0.820%
2	2.393	89	94	102	rBV	28017	50194	3.98%	0.506%
3	2.558	117	121	151	rVB	448396	1052317	83.40%	10.609%
4	3.960	342	351	357	rBV2	44401	120072	9.52%	1.211%
5	4.040	357	364	381	rVB	107327	295183	23.39%	2.976%
6	4.235	383	396	421	rBV3	14420	110307	8.74%	1.112%
7	4.728	468	477	493	rVB2	14629	46658	3.70%	0.470%
8	6.996	837	849	861	rBV	11761	33629	2.67%	0.339%
9	7.728	958	969	975	rBV	138409	336240	26.65%	3.390%
10	7.801	975	981	991	rVB	284387	628753	49.83%	6.339%
11	8.149	1029	1038	1053	rBV	174235	393956	31.22%	3.972%
12	8.331	1054	1068	1075	rVV2	14330	38269	3.03%	0.386%
13	8.405	1075	1080	1089	rVB4	6126	15254	1.21%	0.154%
14	8.557	1097	1105	1115	rBV7	5657	16989	1.35%	0.171%
15	8.697	1119	1128	1143	rBV	455100	882263	69.92%	8.895%
16	9.148	1195	1202	1205	rBV3	5809	12638	1.00%	0.127%
17	9.191	1205	1209	1214	rVV4	9503	17543	1.39%	0.177%
18	9.618	1272	1279	1286	rBV3	13468	28585	2.27%	0.288%
19	9.752	1292	1301	1307	rBV3	16291	36499	2.89%	0.368%
20	10.075	1348	1354	1357	rBV2	10626	19805	1.57%	0.200%
21	10.118	1357	1361	1365	rVV2	12512	21166	1.68%	0.213%
22	10.185	1365	1372	1378	rVV	744578	1261747	100.00%	12.720%
23	10.246	1378	1382	1388	rVB	21078	36416	2.89%	0.367%
24	10.807	1467	1474	1483	rBV3	14341	29134	2.31%	0.294%
25	10.904	1485	1490	1498	rBV2	10895	25644	2.03%	0.259%
26	11.093	1516	1521	1526	rVB2	16652	27134	2.15%	0.274%
27	11.203	1535	1539	1544	rVB4	8713	12962	1.03%	0.131%
28	11.495	1579	1587	1596	rBV	654241	1100594	87.23%	11.096%
29	11.691	1612	1619	1623	rBV5	14250	33112	2.62%	0.334%
30	11.739	1624	1627	1632	rVB4	10505	17190	1.36%	0.173%
31	11.843	1639	1644	1647	rBV5	7329	13326	1.06%	0.134%
32	12.008	1664	1671	1678	rBV7	22306	68419	5.42%	0.690%
33	12.123	1682	1690	1694	rVB3	27748	59780	4.74%	0.603%
34	12.203	1694	1703	1705	rBV6	24065	47339	3.75%	0.477%
35	12.233	1706	1708	1714	rVB3	29973	49454	3.92%	0.499%
36	12.379	1728	1732	1741	rVB6	11545	25174	2.00%	0.254%

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Stop Thrs : 0

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37	12.483	1742	1749	1757	rVB	555323	876697	69.48%	8.839%
38	12.575	1759	1764	1768	rBV4	9547	18205	1.44%	0.184%
39	12.642	1769	1775	1782	rVB5	31867	75271	5.97%	0.759%
40	12.733	1782	1790	1793	rBV6	19476	46838	3.71%	0.472%
41	12.812	1797	1803	1806	rBV5	23211	49261	3.90%	0.497%
42	12.928	1817	1822	1829	rBV	61166	121744	9.65%	1.227%
43	13.001	1829	1834	1838	rBV	85396	130205	10.32%	1.313%
44	13.044	1838	1841	1843	rBV	22408	28242	2.24%	0.285%
45	13.172	1858	1862	1867	rBV3	23520	37778	2.99%	0.381%
46	13.288	1876	1881	1884	rBV	48225	70068	5.55%	0.706%
47	13.355	1890	1892	1896	rVB4	12597	14761	1.17%	0.149%
48	13.428	1897	1904	1909	rVV	644843	1007530	79.85%	10.158%
49	13.477	1909	1912	1923	rVB2	41110	87143	6.91%	0.879%
50	13.568	1923	1927	1931	rBV4	16475	25481	2.02%	0.257%
51	13.745	1952	1956	1961	rBV6	25806	45510	3.61%	0.459%
52	13.965	1990	1992	1997	rVB3	19058	24803	1.97%	0.250%
53	14.074	2007	2010	2013	rBV4	12390	18498	1.47%	0.186%
54	14.257	2036	2040	2047	rBV9	22723	51618	4.09%	0.520%
55	14.391	2058	2062	2064	rBV4	12256	20787	1.65%	0.210%
56	14.422	2064	2067	2071	rVB4	20985	28547	2.26%	0.288%
57	14.471	2071	2075	2082	rVB10	8710	16772	1.33%	0.169%
58	14.733	2115	2118	2124	rVB5	20005	31487	2.50%	0.317%
59	14.952	2150	2154	2160	rVB6	14328	23894	1.89%	0.241%
60	15.605	2258	2261	2268	rVB7	13311	22815	1.81%	0.230%

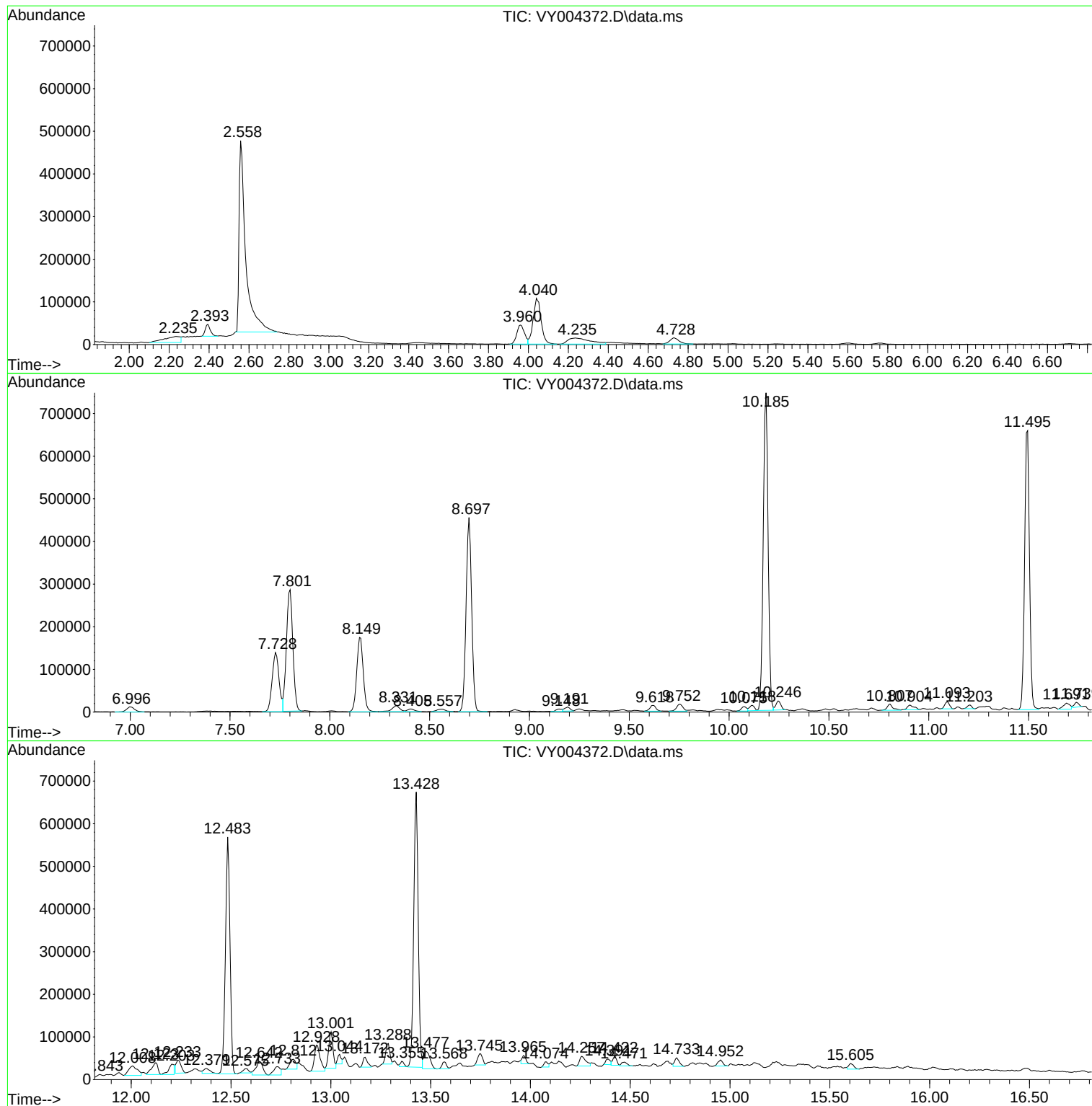
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

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



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Instrument :
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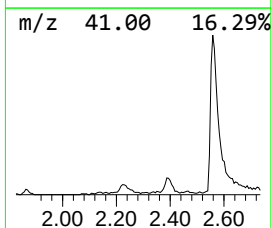
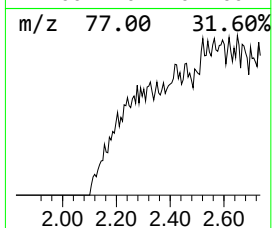
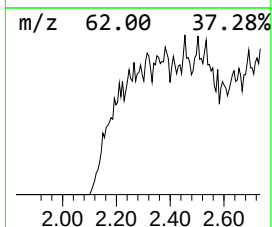
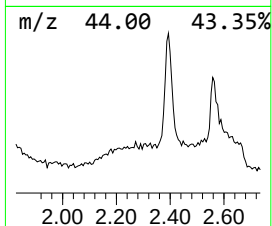
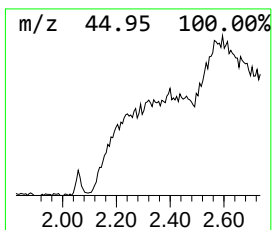
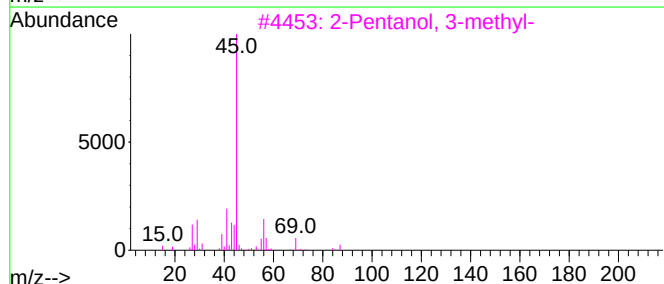
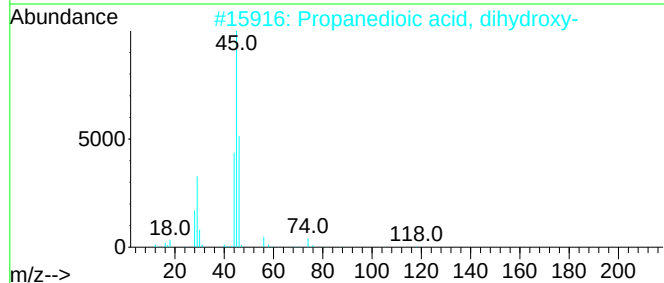
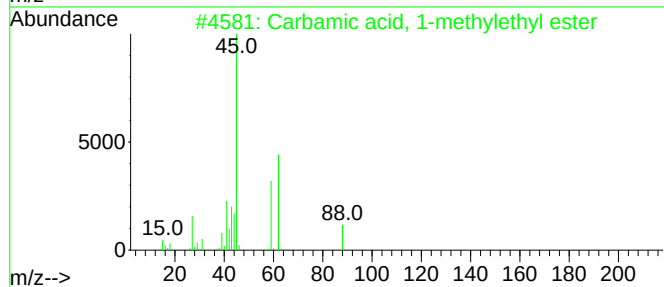
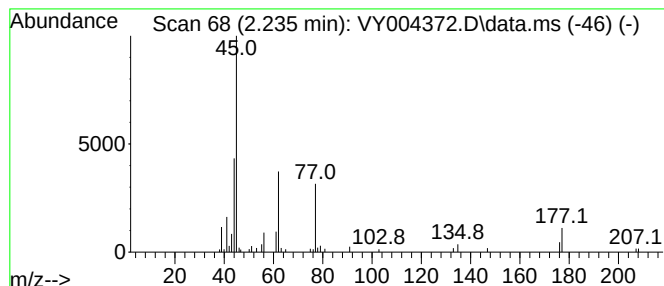
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown2.235 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.235	6.47 ug/l	81321	Pentafluorobenzene	7.801

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbamic acid, 1-methylethyl ester	103	C4H9NO2	001746-77-6	33
2			Propanedioic acid, dihydroxy-	136	C3H4O6	000560-27-0	23
3			2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	22
4			1-Butene, 4-methoxy	86	C5H10O	004696-30-4	12
5			Propanoic acid, 2-hydroxy-, buty...	146	C7H14O3	000138-22-7	10



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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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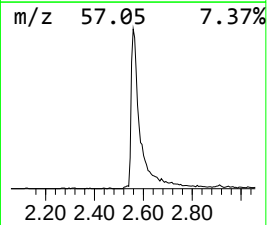
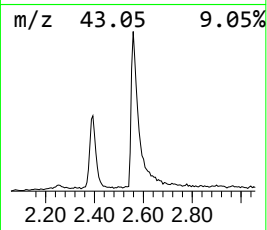
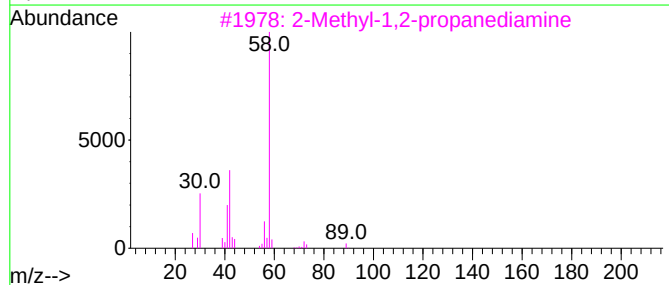
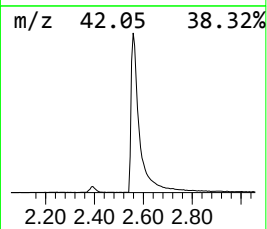
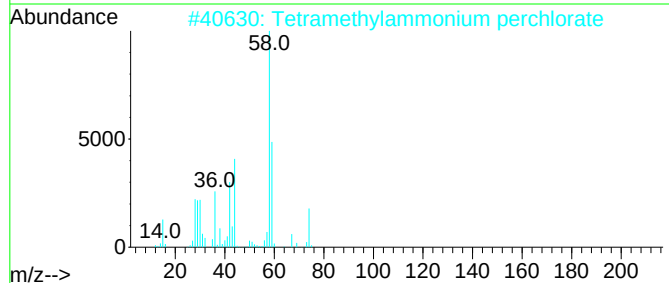
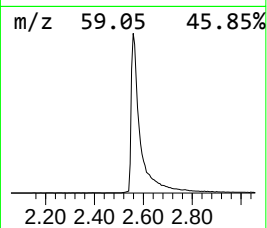
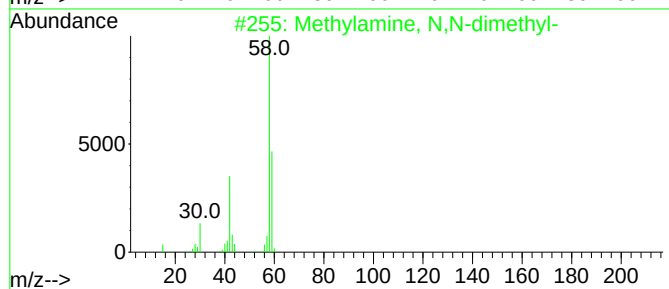
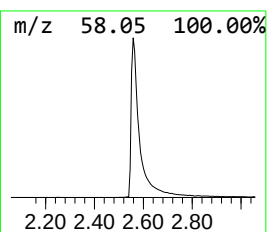
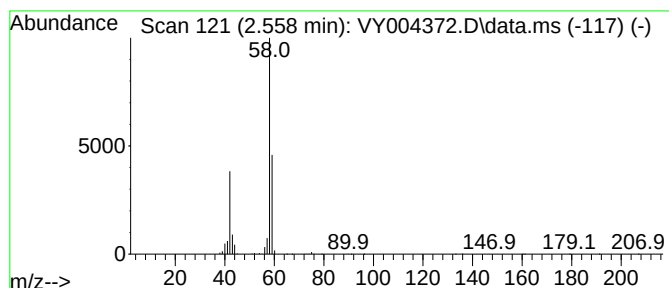
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

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

Peak Number 2 Methylamine, N,N-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.558	83.68 ug/l	1052320	Pentafluorobenzene	7.801

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methylamine, N,N-dimethyl-	59	C3H9N	000075-50-3	91
2			Tetramethylammonium perchlorate	173	C4H12ClNO4	002537-36-2	43
3			2-Methyl-1,2-propanediamine	88	C4H12N2	000811-93-8	9
4			Acetone, 1-[4-(dimethylaminoetho...	221	C13H19NO2	086608-11-9	9
5			Ethene, methoxy-	58	C3H6O	000107-25-5	7



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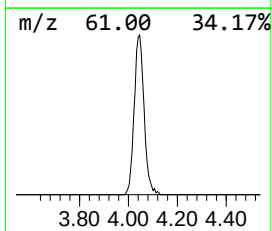
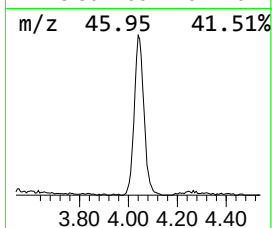
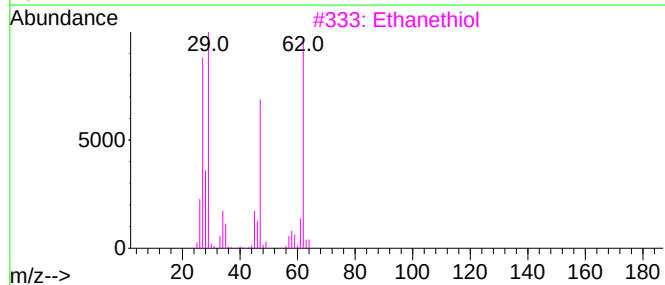
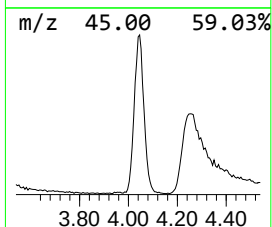
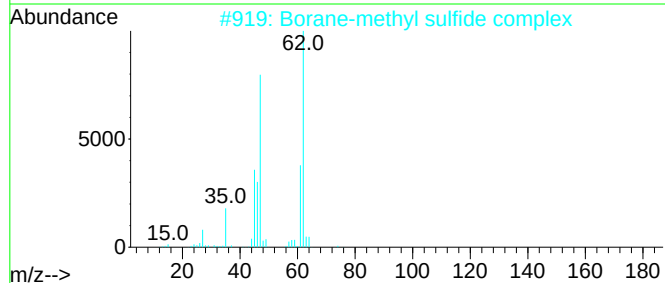
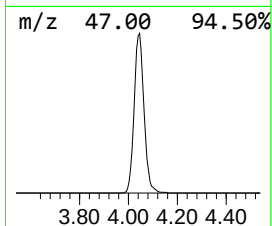
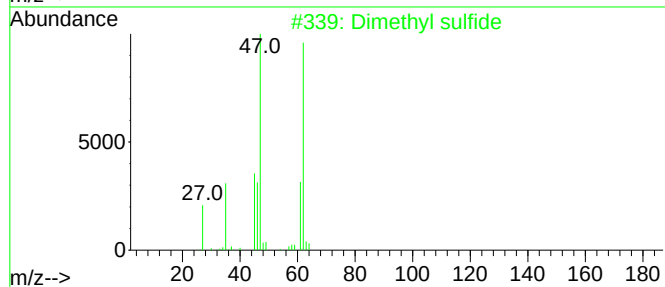
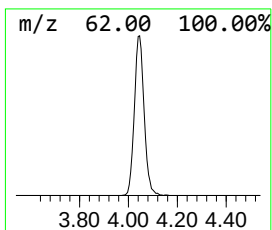
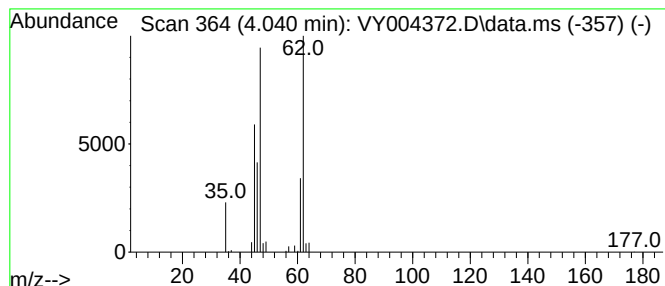
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Quant Title : SW846 8260

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

Peak Number 3 Dimethyl sulfide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.040	23.47 ug/l	295183	Pentafluorobenzene	7.801

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	95
2			Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	64
3			Ethanethiol	62	C2H6S	000075-08-1	59
4			Boric acid	62	BH3O3	010043-35-3	9
5			Ethene, chloro-	62	C2H3Cl	000075-01-4	7



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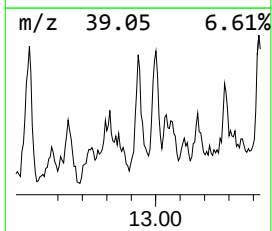
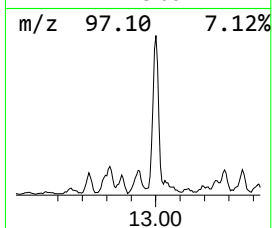
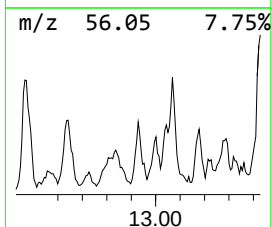
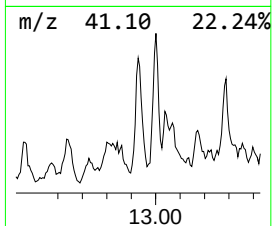
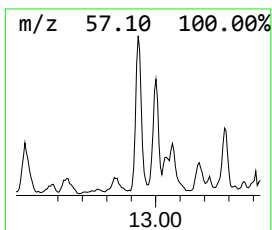
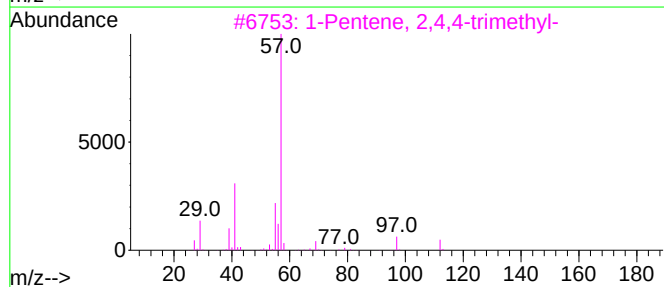
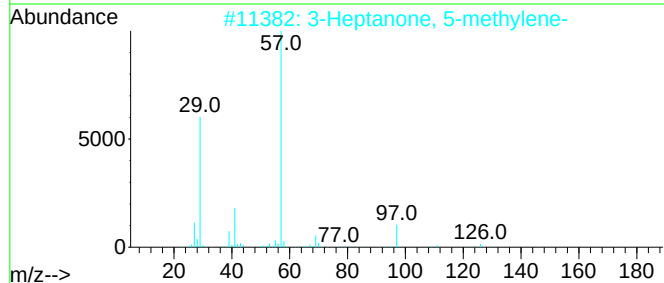
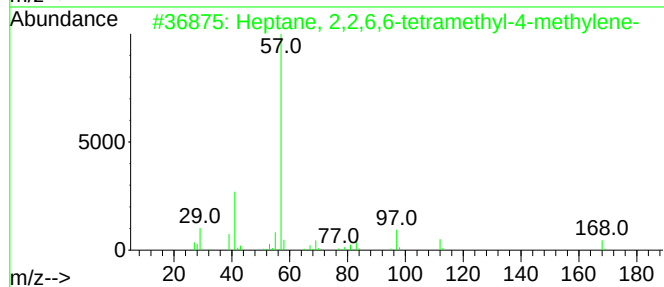
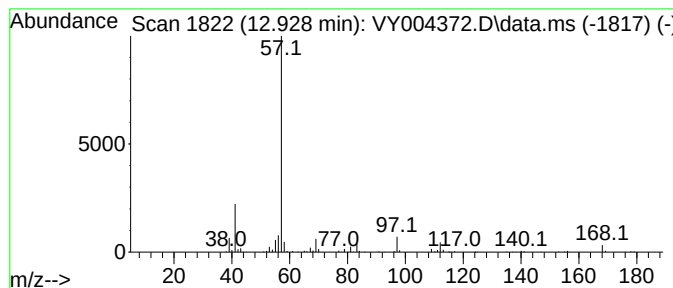
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Quant Title : SW846 8260

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

Peak Number 4 Heptane, 2,2,6,6-tetramethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	6.04 ug/l	121744	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,2,6,6-tetramethyl-4-m...	168	C12H24	000141-70-8	52
2			3-Heptanone, 5-methylene-	126	C8H14O	020690-70-4	38
3			1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	37
4			Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	36
5			2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	35



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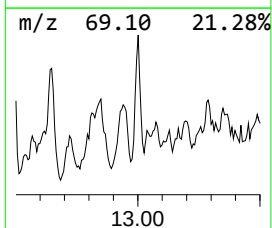
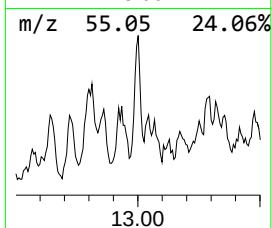
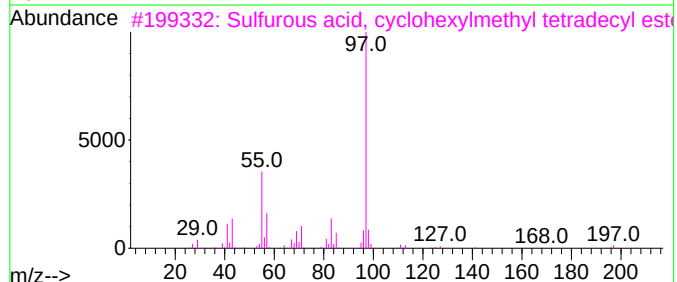
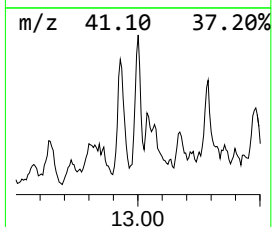
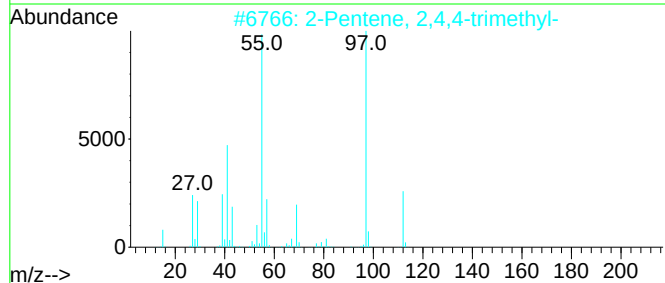
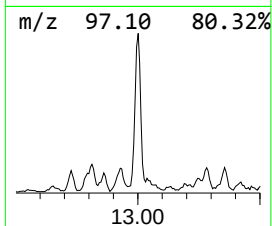
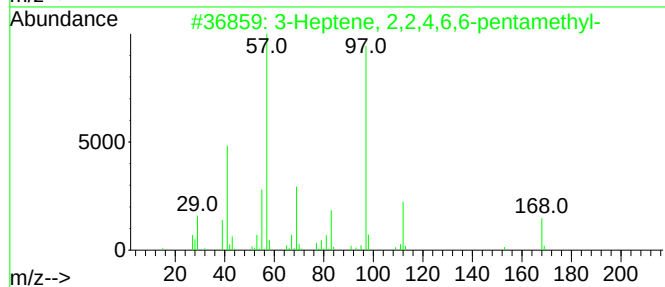
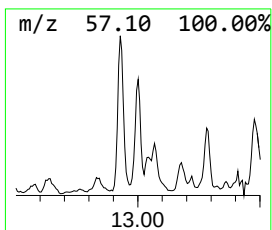
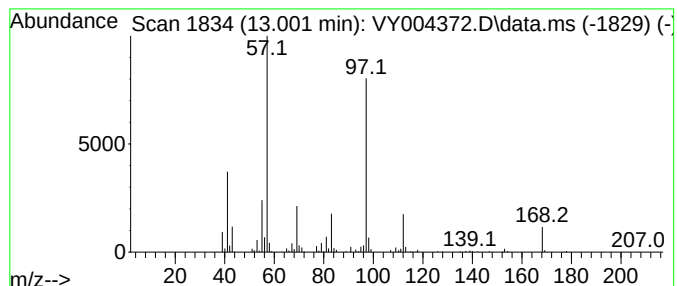
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.001	6.46 ug/l	130205	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	94
2			2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	64
3			Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	59
4			2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	59
5			Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
Data File : VY004372.D
Acq On : 09 Apr 2021 20:48
Operator : SY/MD
Sample : M1998-02
Misc : 3.51G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-3B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.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
unknown2.235	2.235	6.5	ug/l	81321	1	7.801	628753	50.0
Methylamine, N,...	2.558	83.7	ug/l	1052320	1	7.801	628753	50.0
Dimethyl sulfide	4.040	23.5	ug/l	295183	1	7.801	628753	50.0
Heptane, 2,2,6,...	12.928	6.0	ug/l	121744	4	13.428	1007530	50.0
3-Heptene, 2,2,...	13.001	6.5	ug/l	130205	4	13.428	1007530	50.0