

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041221\
 Data File : VY004389.D
 Acq On : 12 Apr 2021 17:13
 Operator : SY/MD
 Sample : M1998-08
 Misc : 3.49G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5A

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: VY004389.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.588	122	126	148	rBV	92772	287786	27.05%	4.127%
2	3.966	342	352	357	rBV	37820	100644	9.46%	1.443%
3	4.045	357	365	383	rVB	111726	304021	28.57%	4.359%
4	4.222	383	394	396	rBV2	9256	25990	2.44%	0.373%
5	4.734	468	478	488	rVB2	6303	19290	1.81%	0.277%
6	7.002	843	850	861	rVB	10466	27058	2.54%	0.388%
7	7.728	959	969	975	rBV	130842	313104	29.43%	4.490%
8	7.801	975	981	993	rVB	236383	530753	49.88%	7.611%
9	8.154	1028	1039	1053	rBV	147480	333277	31.32%	4.779%
10	8.697	1119	1128	1138	rBV	388864	744744	69.99%	10.679%
11	9.148	1195	1202	1206	rBV	4426	11020	1.04%	0.158%
12	9.758	1296	1302	1307	rBV4	6047	12167	1.14%	0.174%
13	10.185	1365	1372	1379	rBV	631048	1064018	100.00%	15.257%
14	10.806	1470	1474	1477	rBV2	8281	13196	1.24%	0.189%
15	11.093	1517	1521	1526	rBV2	9871	15295	1.44%	0.219%
16	11.276	1544	1551	1557	rBV9	8560	22456	2.11%	0.322%
17	11.386	1564	1569	1575	rBV3	6188	12482	1.17%	0.179%
18	11.495	1580	1587	1594	rVV	573240	927822	87.20%	13.304%
19	11.703	1613	1621	1624	rBV6	7840	21473	2.02%	0.308%
20	11.739	1624	1627	1632	rVB3	6842	11734	1.10%	0.168%
21	12.007	1664	1671	1679	rBV7	10422	28476	2.68%	0.408%
22	12.123	1683	1690	1695	rBV2	15930	37912	3.56%	0.544%
23	12.202	1700	1703	1706	rBV5	9407	17477	1.64%	0.251%
24	12.489	1743	1750	1760	rVB	447853	734689	69.05%	10.535%
25	12.648	1772	1776	1783	rVB5	17116	35585	3.34%	0.510%
26	12.733	1783	1790	1792	rBV6	8303	18179	1.71%	0.261%
27	12.812	1798	1803	1808	rBV6	18864	34525	3.24%	0.495%
28	12.934	1818	1823	1829	rBV	36145	77878	7.32%	1.117%
29	13.001	1829	1834	1838	rVV	52149	85332	8.02%	1.224%
30	13.123	1851	1854	1858	rBV5	11650	17033	1.60%	0.244%
31	13.166	1859	1861	1868	rVB3	15563	23497	2.21%	0.337%
32	13.288	1877	1881	1884	rBV2	18046	24756	2.33%	0.355%
33	13.428	1898	1904	1910	rBV	554759	856597	80.51%	12.283%
34	13.574	1923	1928	1932	rBV7	9236	18529	1.74%	0.266%
35	13.970	1989	1993	1997	rVB2	23131	36091	3.39%	0.518%
36	14.111	2013	2016	2020	rVB	13171	15504	1.46%	0.222%

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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 >
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37	14.263	2037	2041	2045	rBV6	9702	19493	1.83%	0.280%
38	14.684	2105	2110	2112	rBV4	7766	14152	1.33%	0.203%
39	14.739	2115	2119	2125	rVB8	11308	21647	2.03%	0.310%
40	14.958	2151	2155	2160	rVB6	8651	15378	1.45%	0.221%
41	15.604	2257	2261	2267	rVB7	6631	13991	1.31%	0.201%
42	15.842	2297	2300	2304	rVB	7968	10696	1.01%	0.153%
43	16.488	2401	2406	2412	rVB6	9124	18145	1.71%	0.260%

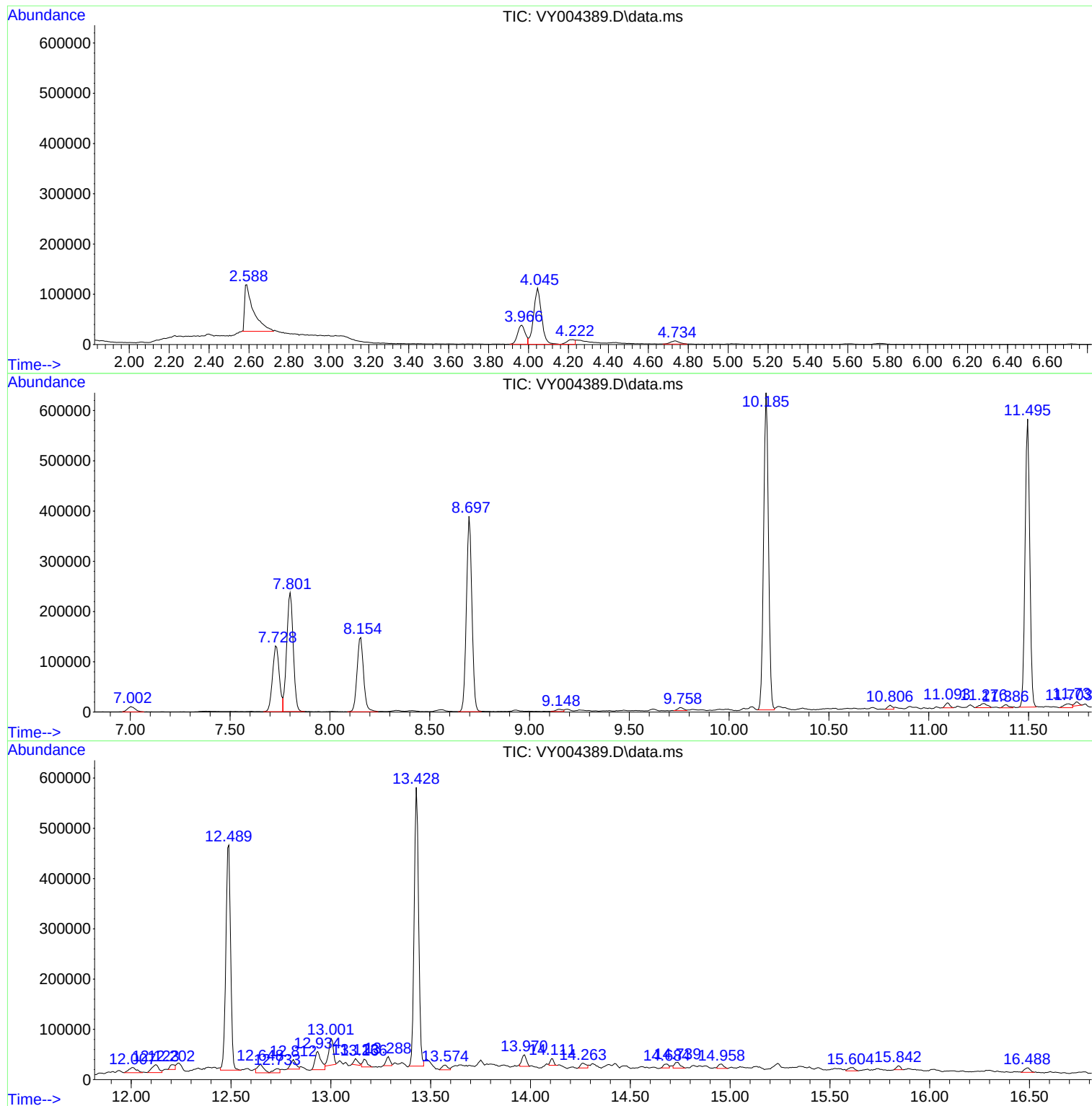
Sum of corrected areas: 6973892

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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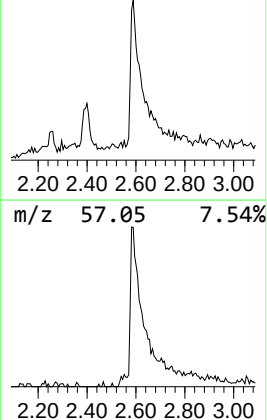
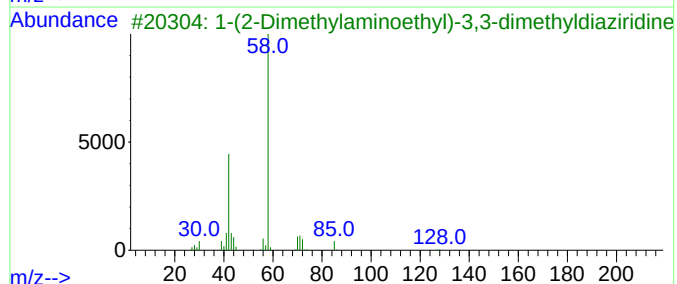
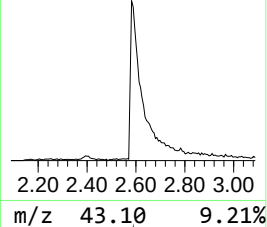
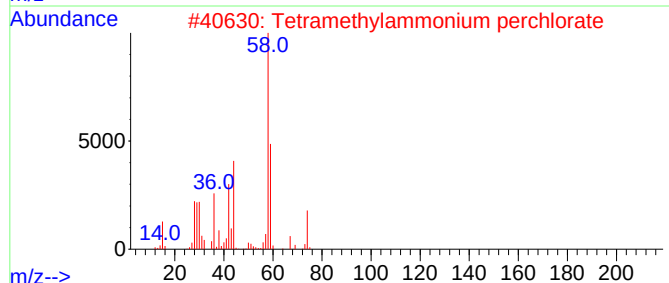
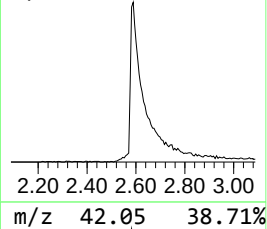
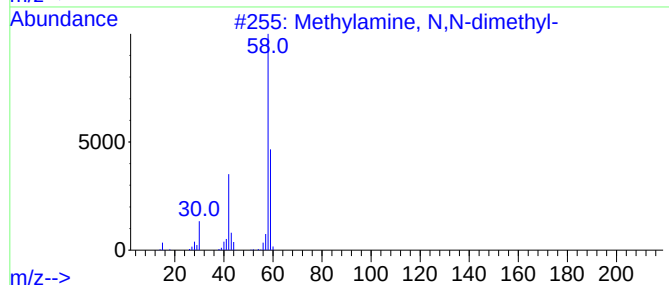
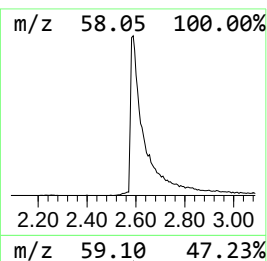
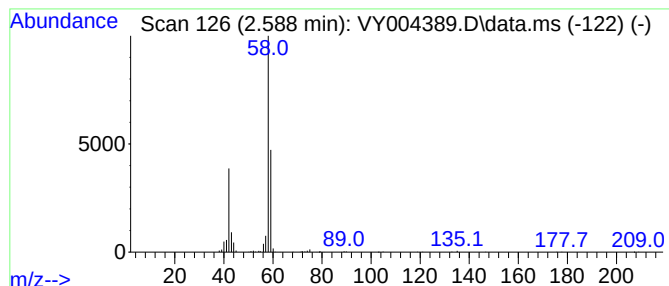
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Peak Number 1 Methylamine, N,N-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.588	27.11 ug/l	287786	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			1-(2-Dimethylaminoethyl)-3,3-dim...	143	C7H17N3	054731-08-7	36
4			Oxirane, 2,3-diethyl-	100	C6H12O	004468-66-0	9
5			2-Propanone, 1-(dimethylamino)-	101	C5H11NO	015364-56-4	9



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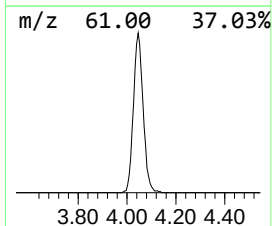
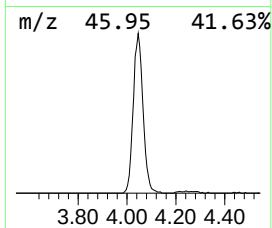
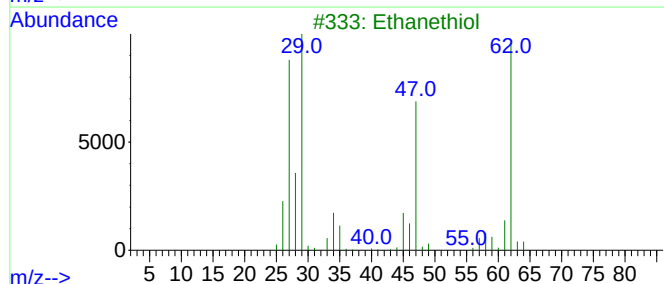
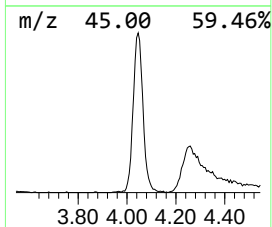
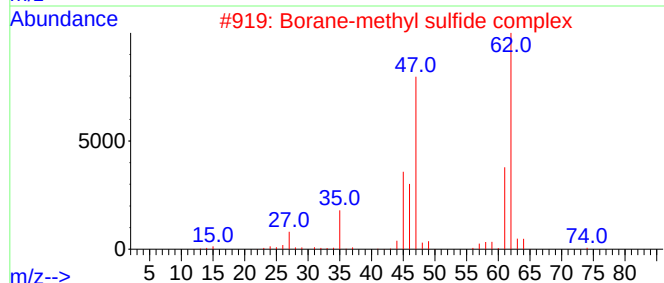
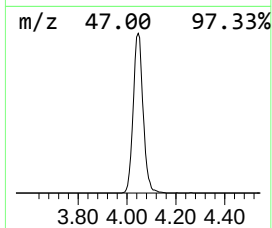
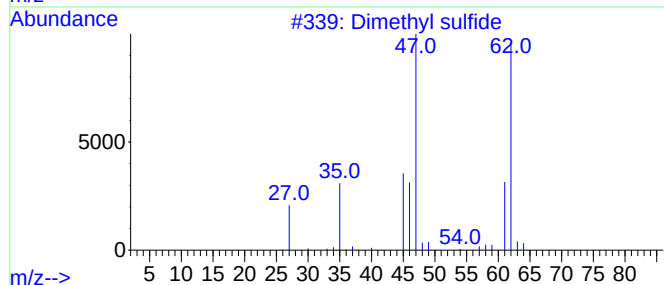
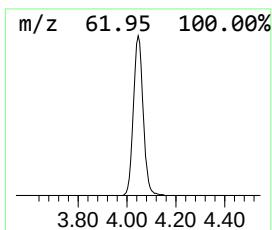
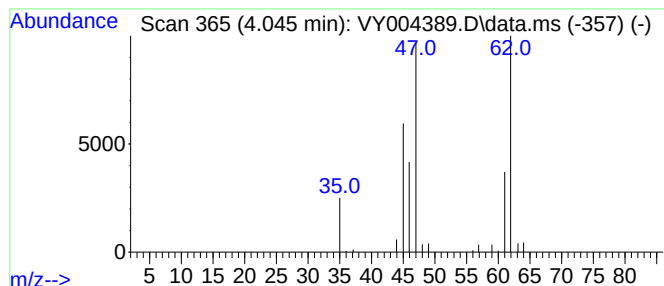
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Peak Number 2 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.045	28.64 ug/l	304021	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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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methylamine, N,...	2.588	27.1	ug/l	287786	1	7.801	530753	50.0
Dimethyl sulfide	4.045	28.6	ug/l	304021	1	7.801	530753	50.0