

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005499.D
 Acq On : 28 Jul 2021 19:00
 Operator : SY/MD
 Sample : M3216-03
 Misc : 10.69G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210486-72

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\82Y072221S.M

Title : SW846 8260

Signal : TIC: VY005499.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.869	3	8	20	rVB2	16655	30143	1.90%	0.453%
2	2.223	60	66	76	rBV2	9981	25468	1.61%	0.382%
3	3.954	340	350	355	rBV	44741	113309	7.14%	1.701%
4	4.040	355	364	383	rVV	561739	1524015	96.08%	22.884%
5	4.204	383	391	403	rVB2	6606	20285	1.28%	0.305%
6	4.728	465	477	497	rBV2	41710	137289	8.65%	2.062%
7	5.753	635	645	659	rBV3	7985	25732	1.62%	0.386%
8	6.996	837	849	859	rBV2	17147	48262	3.04%	0.725%
9	7.728	959	969	974	rBV	92763	220069	13.87%	3.305%
10	7.795	974	980	991	rVB	204453	459702	28.98%	6.903%
11	8.149	1029	1038	1051	rBV	95292	209324	13.20%	3.143%
12	8.697	1118	1128	1138	rBV	291988	567640	35.78%	8.524%
13	10.185	1363	1372	1378	rBV	360524	616133	38.84%	9.252%
14	10.252	1378	1383	1394	rVB	29827	54639	3.44%	0.820%
15	11.496	1579	1587	1597	rBV	299664	484438	30.54%	7.274%
16	12.495	1740	1751	1760	rBV	949886	1586267	100.00%	23.819%
17	12.843	1797	1808	1815	rBV	46795	88354	5.57%	1.327%
18	13.428	1894	1904	1910	rBV	165173	271011	17.08%	4.069%
19	13.971	1986	1993	2000	rVB	90663	150403	9.48%	2.258%
20	14.410	2058	2065	2071	rBV5	12965	27164	1.71%	0.408%

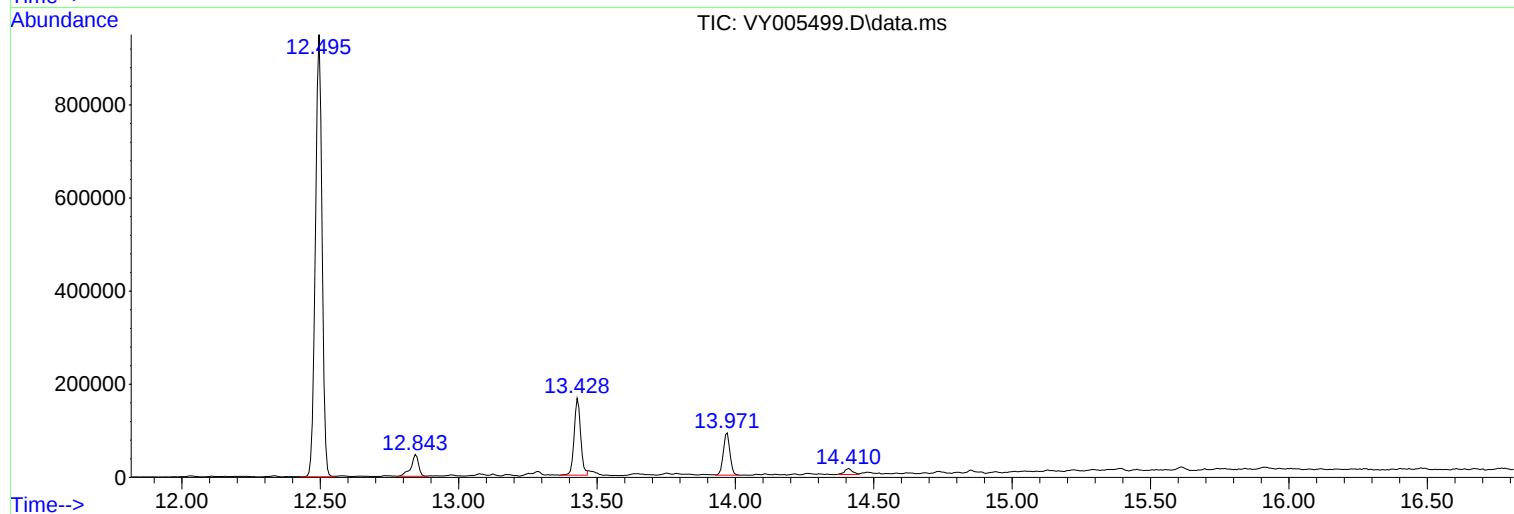
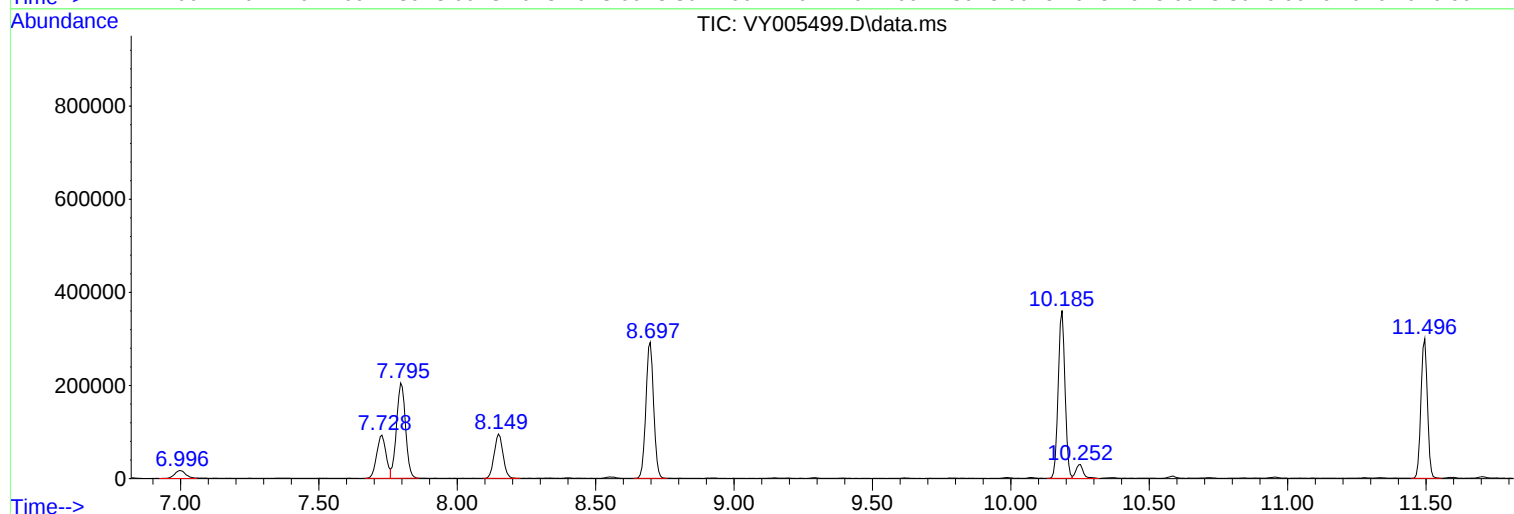
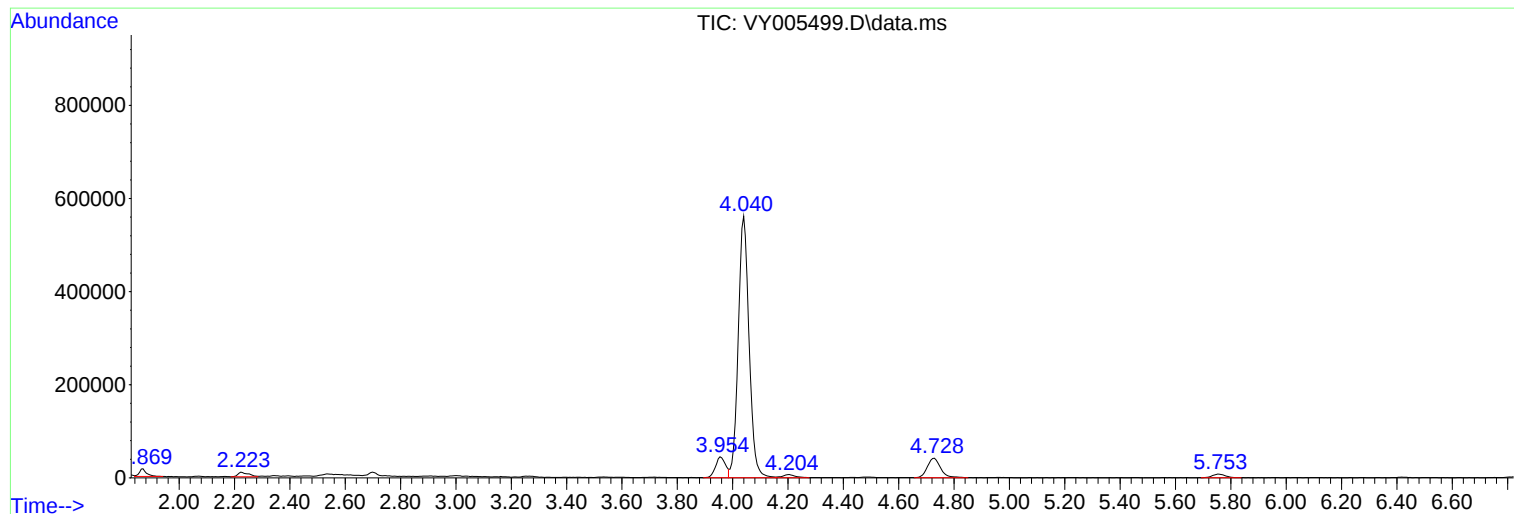
Sum of corrected areas: 6659647

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Quant Title : SW846 8260

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



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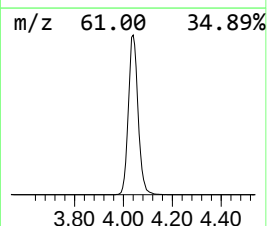
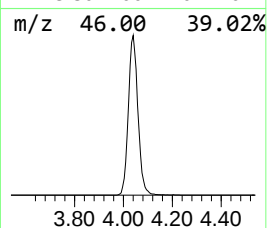
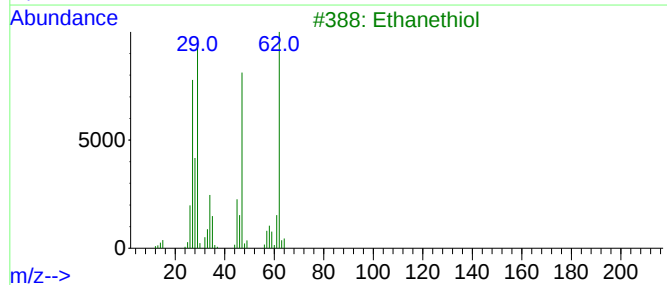
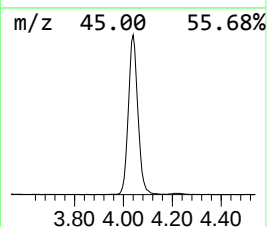
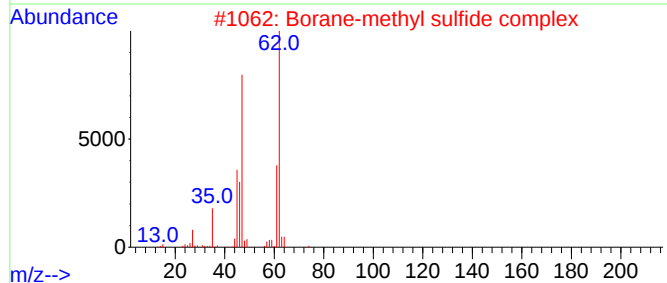
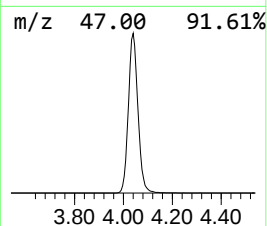
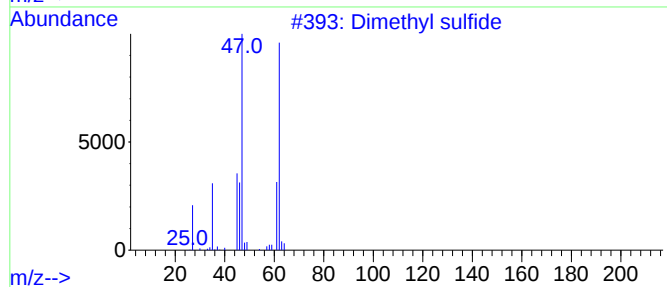
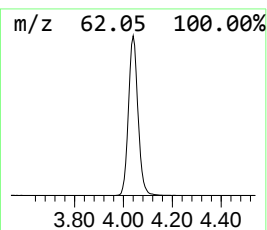
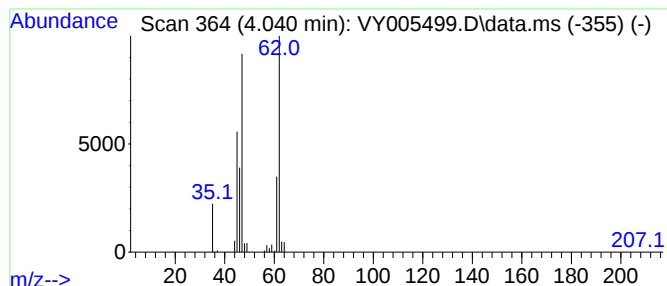
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
Quant Title : SW846 8260

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.
4.040	165.76 ug/l	1524020	Pentafluorobenzene	7.795

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	90
3			Ethanethiol	62	C2H6S	000075-08-1	80
4			Ethene, chloro-	62	C2H3Cl	000075-01-4	9
5			Boric acid	62	BH3O3	010043-35-3	5



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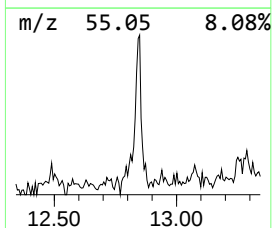
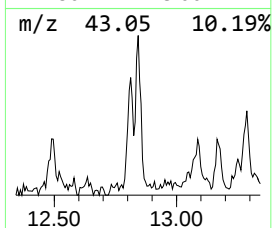
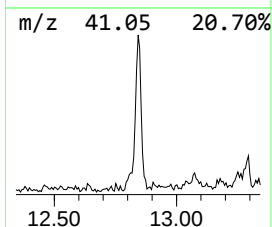
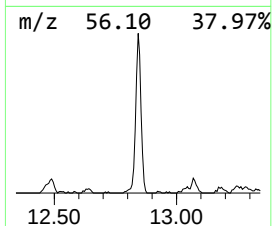
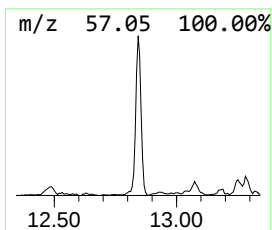
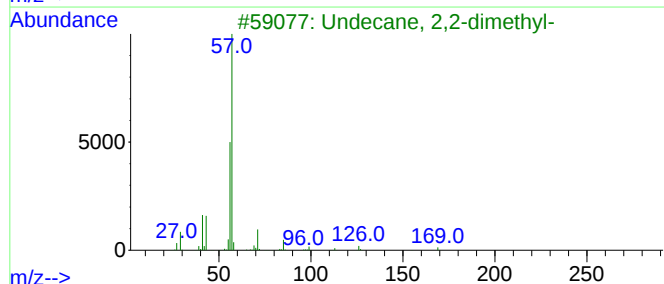
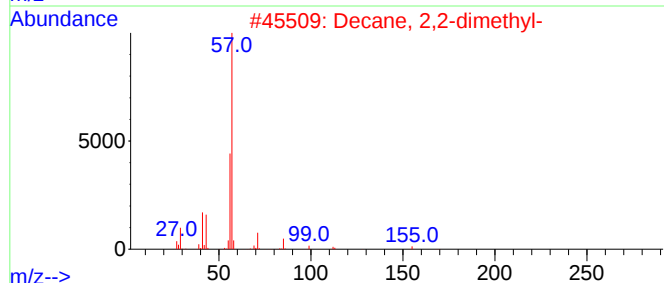
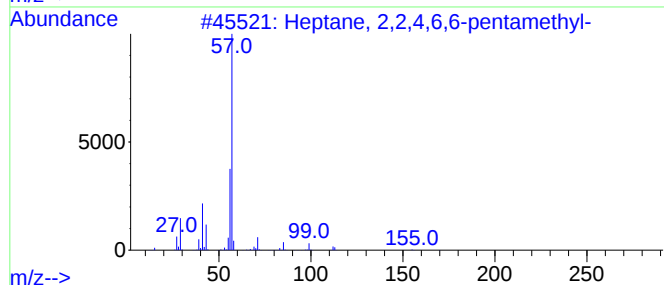
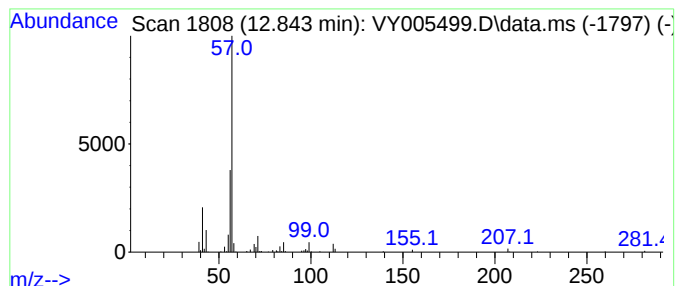
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Peak Number 2 Heptane, 2,2,4,6,6-pentamet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.843	16.30 ug/l	88354	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
2			Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	59
3			Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	59
4			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	50
5			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl sulfide	4.040	165.8	ug/l	1524020	1	7.795	459702	50.0
Heptane, 2,2,4,...	12.843	16.3	ug/l	88354	4	13.428	271011	50.0