

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
 Data File : VY000278.D
 Acq On : 11 Oct 2019 18:11
 Operator : SY/MD
 Sample : K5266-06
 Misc : 5.09G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20190854-AMENDED-COMP-A

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_Y\METHODS\82Y101119S.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	2.389	100	107	114	rBV	77712	137666	5.43%	1.405%
2	3.956	354	364	368	rBV2	84818	209387	8.26%	2.137%
3	4.035	368	377	395	rVV	896319	2534146	100.00%	25.869%
4	4.200	395	404	419	rVB2	50708	146843	5.79%	1.499%
5	4.724	479	490	500	rBV4	12586	37984	1.50%	0.388%
6	5.755	650	659	673	rVB4	7947	26185	1.03%	0.267%
7	7.011	853	865	882	rBV2	31332	121029	4.78%	1.235%
8	7.730	972	983	988	rBV2	97150	221765	8.75%	2.264%
9	7.803	988	995	1007	rVB	275054	627133	24.75%	6.402%
10	8.151	1039	1052	1065	rVB3	179671	437685	17.27%	4.468%
11	8.699	1132	1142	1153	rBV	463354	896150	35.36%	9.148%
12	8.907	1168	1176	1191	rBV3	11510	41529	1.64%	0.424%
13	10.181	1378	1385	1393	rBV	682662	1201075	47.40%	12.261%
14	10.937	1503	1509	1518	rVB3	28775	48586	1.92%	0.496%
15	11.321	1567	1572	1578	rVB2	15660	27650	1.09%	0.282%
16	11.491	1592	1600	1611	rBV	647956	1055562	41.65%	10.775%
17	12.205	1711	1717	1728	rBV8	13643	34437	1.36%	0.352%
18	12.479	1756	1762	1770	rVB	506065	827052	32.64%	8.443%
19	12.814	1809	1817	1818	rBV4	15653	27178	1.07%	0.277%
20	12.845	1818	1822	1829	rVB	26899	45274	1.79%	0.462%
21	13.339	1898	1903	1910	rVB5	30218	50698	2.00%	0.518%
22	13.424	1910	1917	1923	rBV	623886	962521	37.98%	9.825%
23	13.967	2000	2006	2012	rVB2	32650	50301	1.98%	0.513%
24	14.253	2049	2053	2060	rBV9	14650	28337	1.12%	0.289%

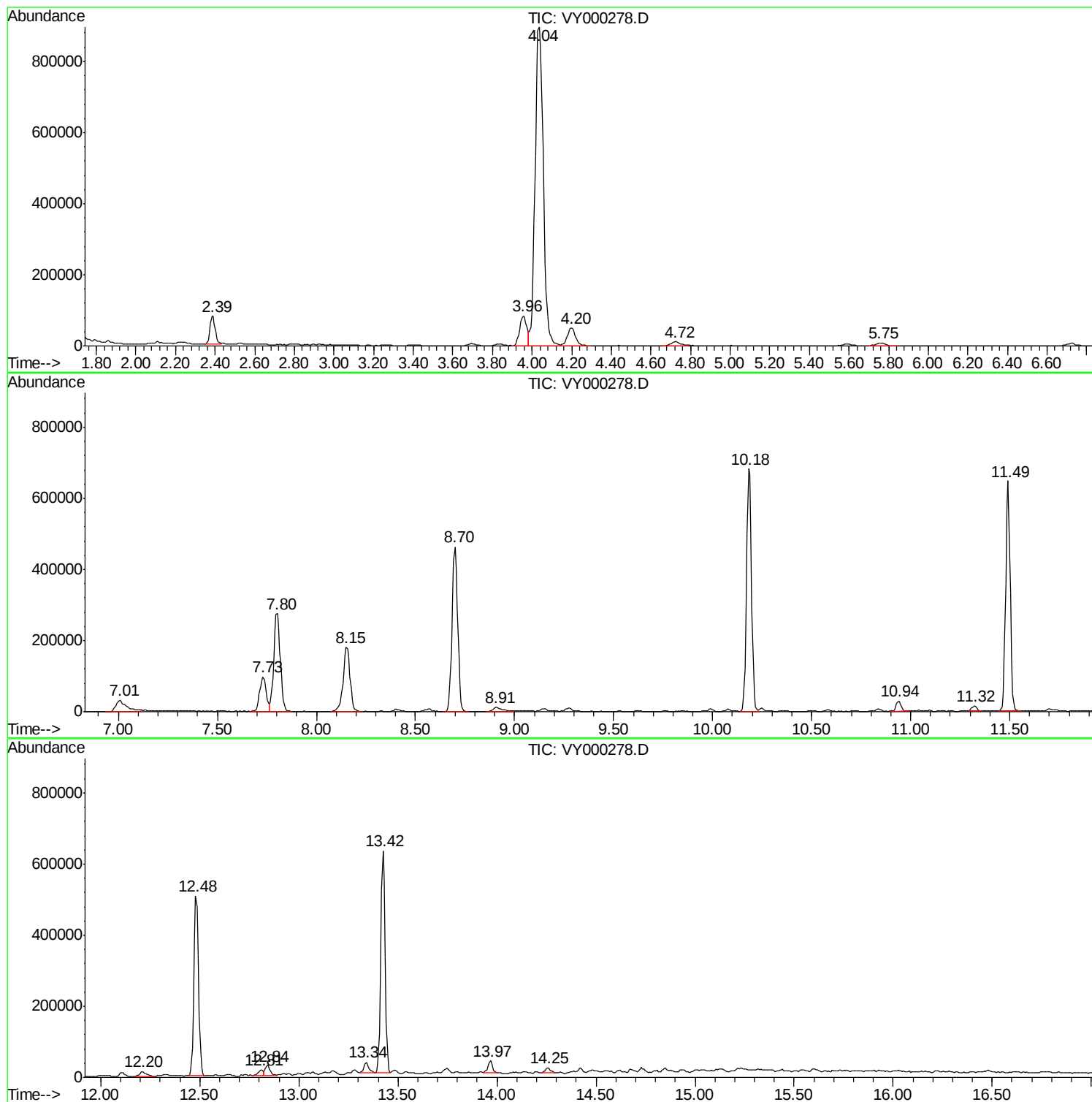
Sum of corrected areas: 9796173

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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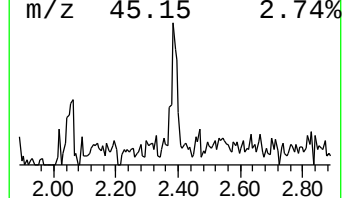
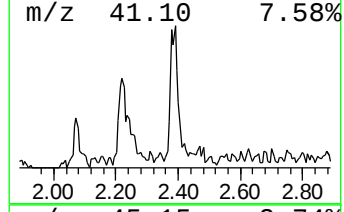
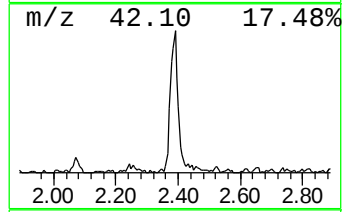
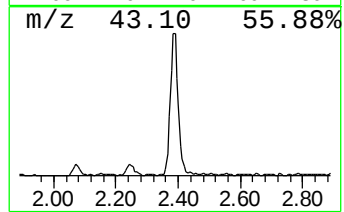
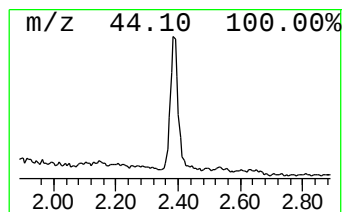
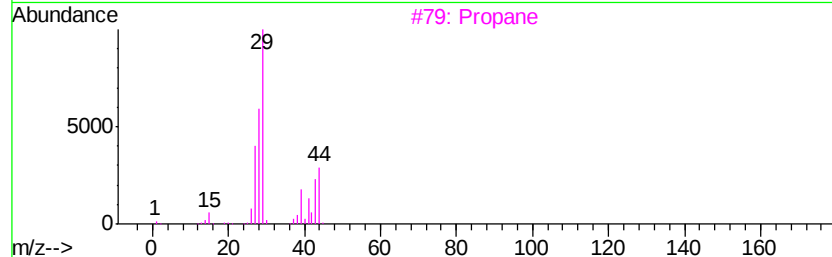
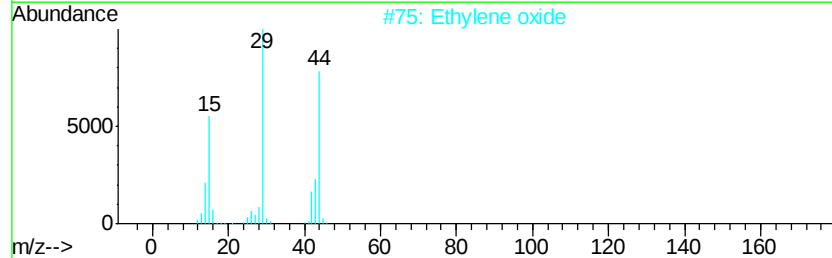
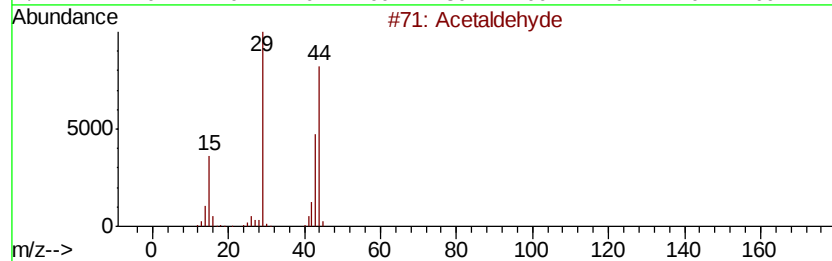
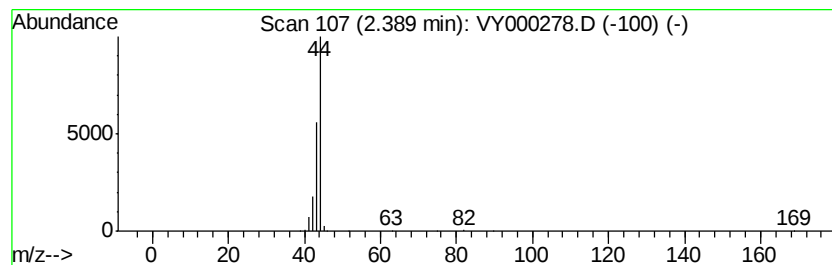
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Acetaldehyde Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.39	10.98 ug/l	137666	Pentafluorobenzene	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetaldehyd	44	C2H4O	000075-07-0	64
2		Ethylene oxide	44	C2H4O	000075-21-8	5
3		Propane	44	C3H8	000074-98-6	4
4		Alanine	89	C3H7NO2	000056-41-7	4
5		Acetic acid, [(aminocarbonyl)ami...	132	C3H4N2O4	000585-05-7	4



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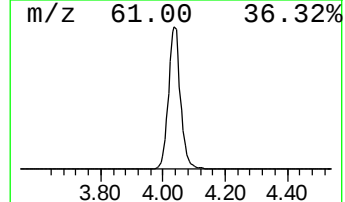
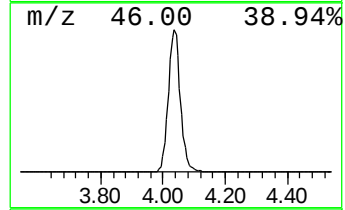
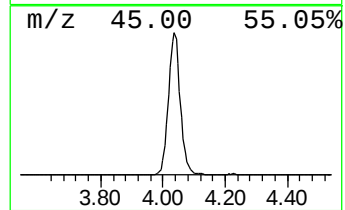
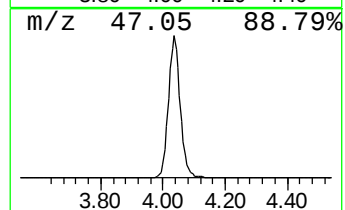
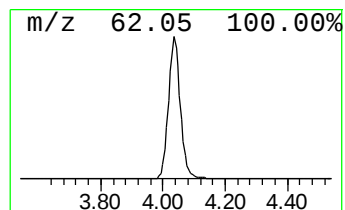
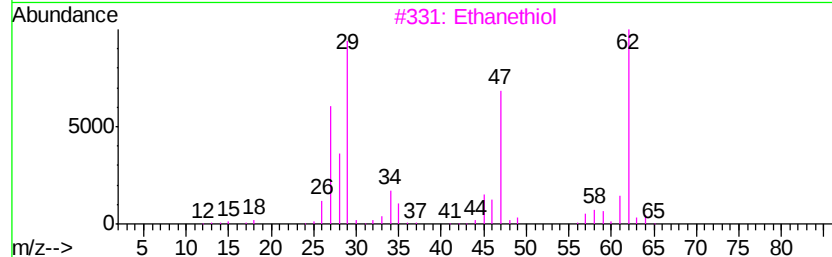
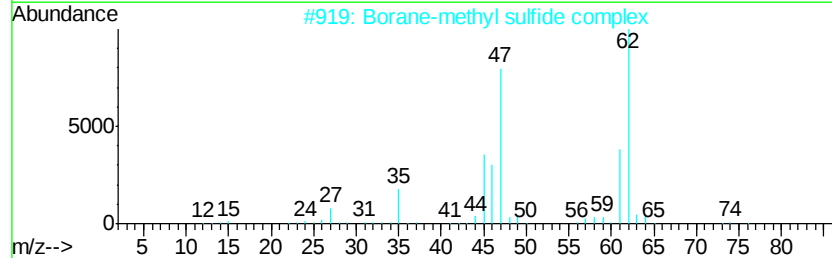
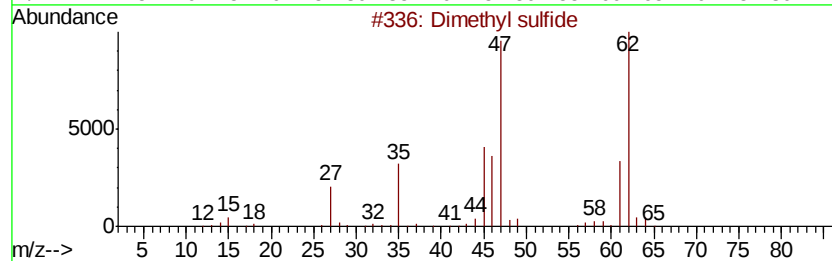
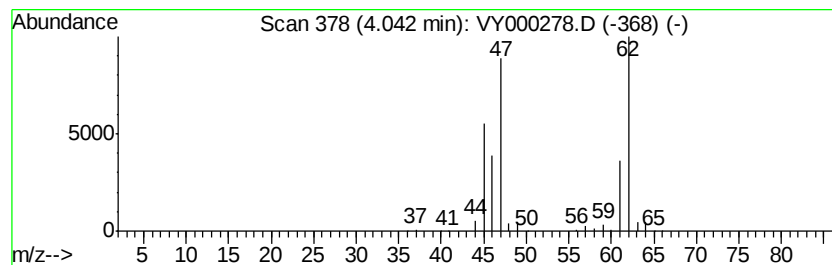
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Peak Number 2 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.04	202.04 ug/l	2534150	Pentafluorobenzene	7.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dimethyl sulfide	62	C2H6S	000075-18-3	94
2		Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	90
3		Ethanethiol	62	C2H6S	000075-08-1	78
4		Ethene, chloro-	62	C2H3Cl	000075-01-4	42
5		Propane, 2-fluoro-	62	C3H7F	000420-26-8	7



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	2.39	11.0	ug/l	137666	1	7.80	627133	50.0
Dimethyl sulfide	4.04	202.0	ug/l	2534150	1	7.80	627133	50.0