

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\
 Data File : VV014177.D
 Acq On : 23 Dec 2019 23:07
 Operator : SY/MD
 Sample : K6404-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFE06

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

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_V\METHOD\SOMVTR122319WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.116	4	8	24	rVB2	641951	590373	42.00%	4.501%
2	1.187	26	30	35	rBV	33695	32868	2.34%	0.251%
3	1.229	38	43	48	rBV	51545	57112	4.06%	0.435%
4	1.319	62	71	83	rVB3	377135	507858	36.13%	3.872%
5	1.431	102	106	114	rVV4	25709	28763	2.05%	0.219%
6	1.476	115	120	134	rVB	82678	98797	7.03%	0.753%
7	1.582	146	153	164	rVB	196077	228075	16.23%	1.739%
8	1.650	170	174	182	rVB2	20866	25873	1.84%	0.197%
9	1.785	210	216	222	rBV	42419	46593	3.32%	0.355%
10	1.827	224	229	238	rVB4	18626	25641	1.82%	0.195%
11	2.003	279	284	291	rVB3	14371	17601	1.25%	0.134%
12	2.055	293	300	307	rVB	54182	71327	5.07%	0.544%
13	2.129	313	323	334	rBV	347616	507758	36.13%	3.871%
14	2.183	335	340	350	rVB	28399	44745	3.18%	0.341%
15	2.319	370	382	392	rBV	76459	123746	8.80%	0.943%
16	2.794	523	530	537	rVB3	14450	21831	1.55%	0.166%
17	2.987	584	590	602	rVB7	11088	19711	1.40%	0.150%
18	3.923	870	881	888	rBV2	205492	476972	33.94%	3.636%
19	4.396	1013	1028	1051	rBV	254730	609527	43.37%	4.647%
20	5.093	1224	1245	1272	rBV2	554010	1405489	100.00%	10.715%
21	5.659	1407	1421	1444	rBV	477799	965899	68.72%	7.364%
22	6.113	1546	1562	1583	rBV	322833	661289	47.05%	5.041%
23	7.026	1833	1846	1861	rBV	142524	259276	18.45%	1.977%
24	7.357	1936	1949	1967	rBV	652652	1138608	81.01%	8.680%
25	7.659	2034	2043	2064	rBV	86416	150157	10.68%	1.145%
26	8.129	2176	2189	2221	rBV	643082	1329775	94.61%	10.138%
27	8.286	2231	2238	2249	rVB9	15734	24167	1.72%	0.184%
28	8.891	2411	2426	2448	rBV	709164	1154842	82.17%	8.804%
29	10.254	2835	2850	2864	rBV	236908	373575	26.58%	2.848%
30	11.196	3137	3143	3155	rBV	11155	20574	1.46%	0.157%
31	11.289	3159	3172	3190	rBV	674360	1049836	74.70%	8.004%
32	11.665	3278	3289	3307	rBV	608743	965232	68.68%	7.359%
33	12.389	3503	3514	3526	rBV3	51596	83028	5.91%	0.633%

LSC Area Percent Report

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\METHOD\SOMVTR122319WMA.M
Title : TRACE VOA SOM01.0

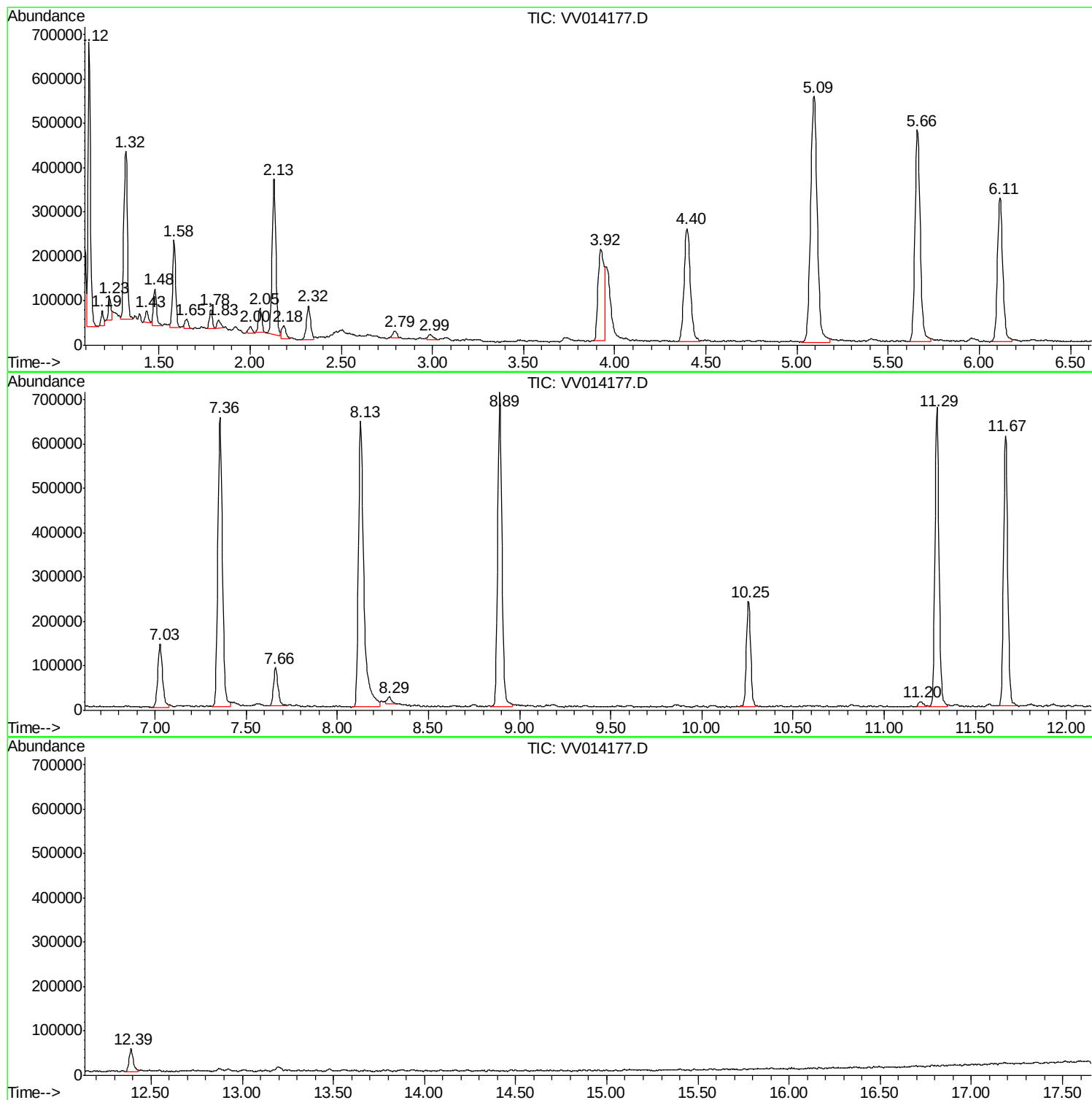
Sum of corrected areas: 13116918

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
Quant Title : TRACE VOA SOM01.0

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



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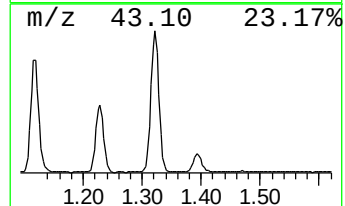
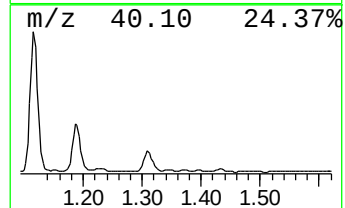
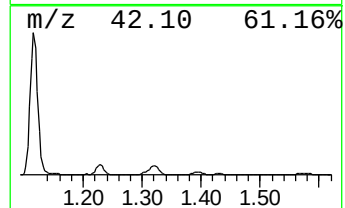
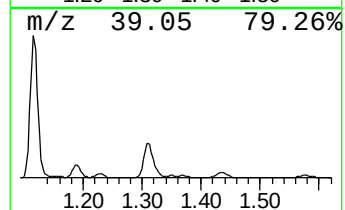
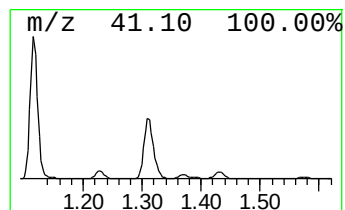
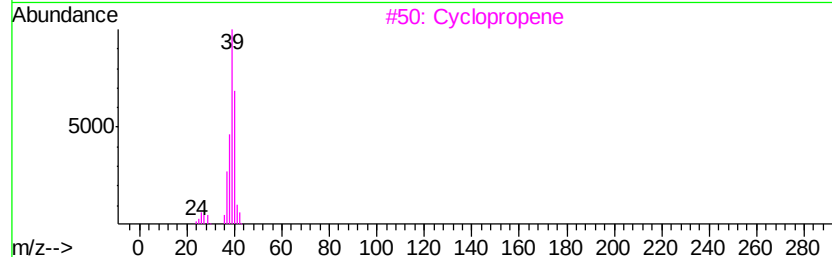
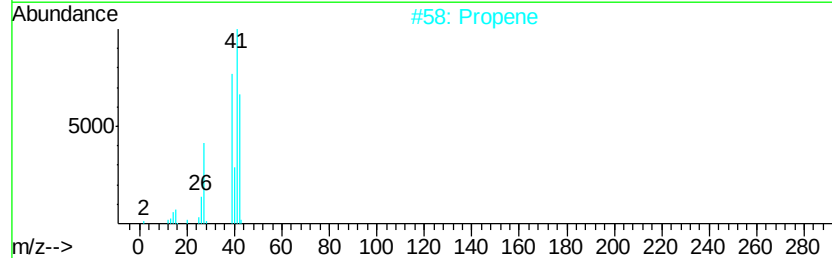
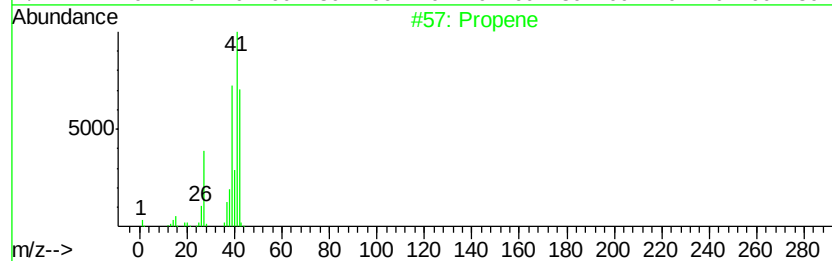
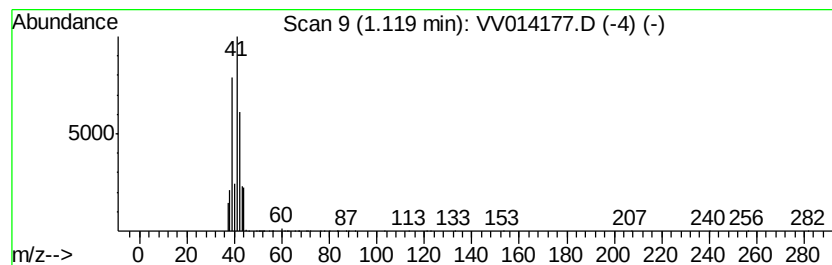
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic1.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.12	3.06 ug/L	590373	1,4-Difluorobenzene	5.66	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	42
3	Cyclopropene	40	C3H4	002781-85-3	9
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Cyclopropane	42	C3H6	000075-19-4	9



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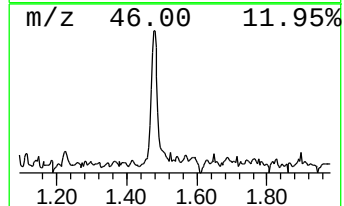
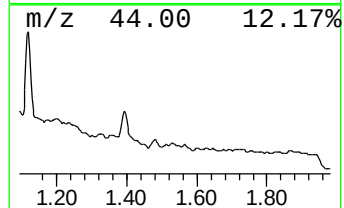
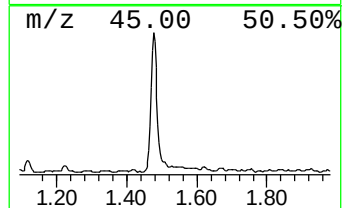
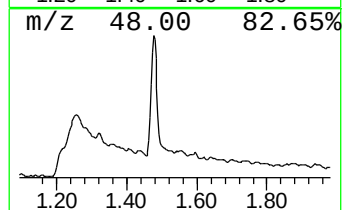
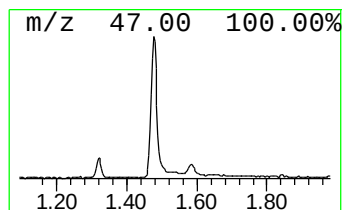
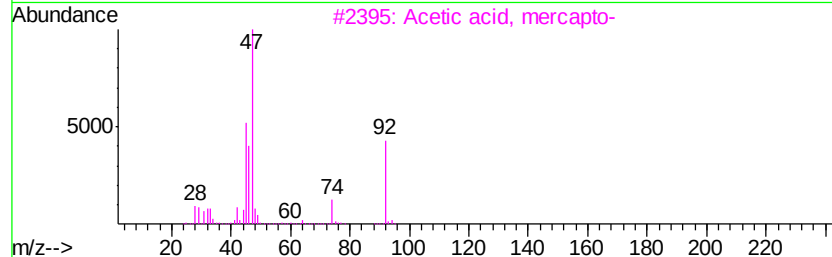
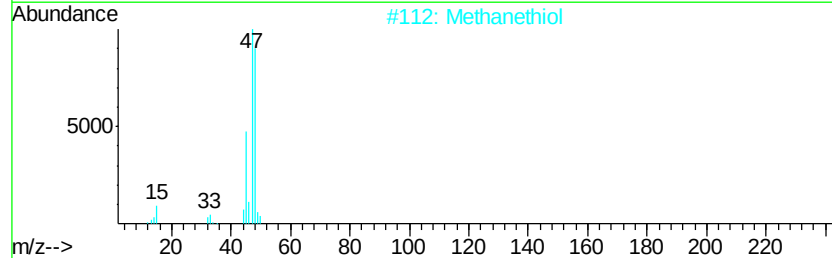
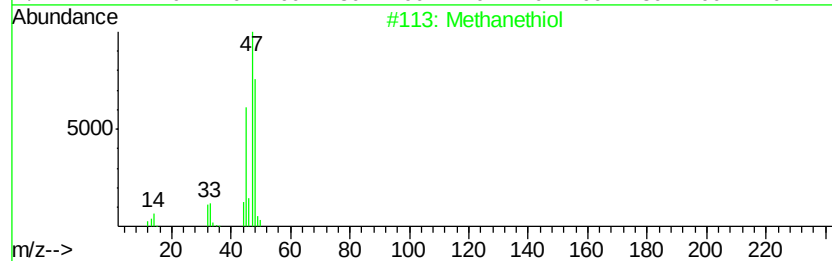
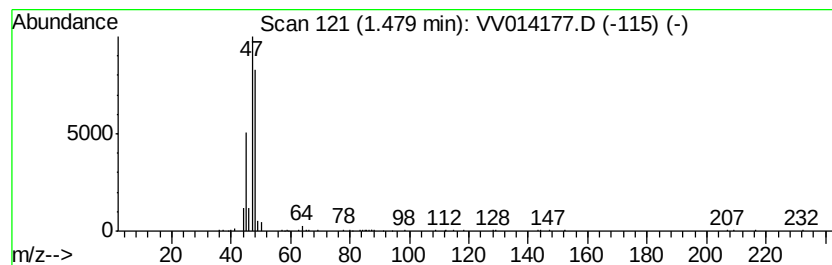
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Quant Title : TRACE VOA SOM01.0

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TIC Integration Parameters: LSCINT.P

Peak Number 2 Methanethiol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	0.51 ug/L	98797	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methanethiol	48	CH4S	000074-93-1	91
2		Methanethiol	48	CH4S	000074-93-1	90
3		Acetic acid, mercapto-	92	C2H4O2S	000068-11-1	28
4		Acetic acid, mercapto-	92	C2H4O2S	000068-11-1	28
5		Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	1.12	3.1	ug/L	590373	1	5.66	965899	5.0
Methanethiol	1.48	0.5	ug/L	98797	1	5.66	965899	5.0