

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112519\
 Data File : VV013774.D
 Acq On : 25 Nov 2019 18:56
 Operator : SY/MD
 Sample : K6004-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AE4

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\SOMVTR112219WMA.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	1.203	27	35	63	rBV	2103817	3228566	100.00%	20.131%
2	1.319	66	71	81	rVB2	248923	303404	9.40%	1.892%
3	1.582	147	153	164	rVB	144326	174129	5.39%	1.086%
4	1.824	222	228	236	rVB	89432	113170	3.51%	0.706%
5	2.129	314	323	335	rVB2	329893	541788	16.78%	3.378%
6	2.316	371	381	392	rVB	20995	32452	1.01%	0.202%
7	2.795	519	530	540	rBV2	23405	41748	1.29%	0.260%
8	3.229	648	665	684	rBV	44679	98162	3.04%	0.612%
9	3.959	869	892	919	rBV2	707498	2024234	62.70%	12.622%
10	4.396	1011	1028	1049	rBV	209077	490693	15.20%	3.060%
11	5.094	1228	1245	1275	rBV2	432079	1080356	33.46%	6.736%
12	5.659	1407	1421	1446	rBV	391028	788381	24.42%	4.916%
13	5.955	1495	1513	1533	rBV	735029	1434938	44.45%	8.947%
14	6.113	1547	1562	1583	rBV	246635	504410	15.62%	3.145%
15	7.026	1834	1846	1861	rBV	110495	201802	6.25%	1.258%
16	7.357	1936	1949	1966	rBV	494064	867112	26.86%	5.407%
17	7.663	2032	2044	2059	rBV	68344	118484	3.67%	0.739%
18	8.129	2178	2189	2219	rBV	431485	971961	30.11%	6.060%
19	8.891	2415	2426	2441	rBV	597099	974169	30.17%	6.074%
20	10.257	2840	2851	2865	rBV	207750	321915	9.97%	2.007%
21	11.289	3159	3172	3195	rBV	576554	903338	27.98%	5.633%
22	11.666	3274	3289	3310	rBV	514320	822615	25.48%	5.129%

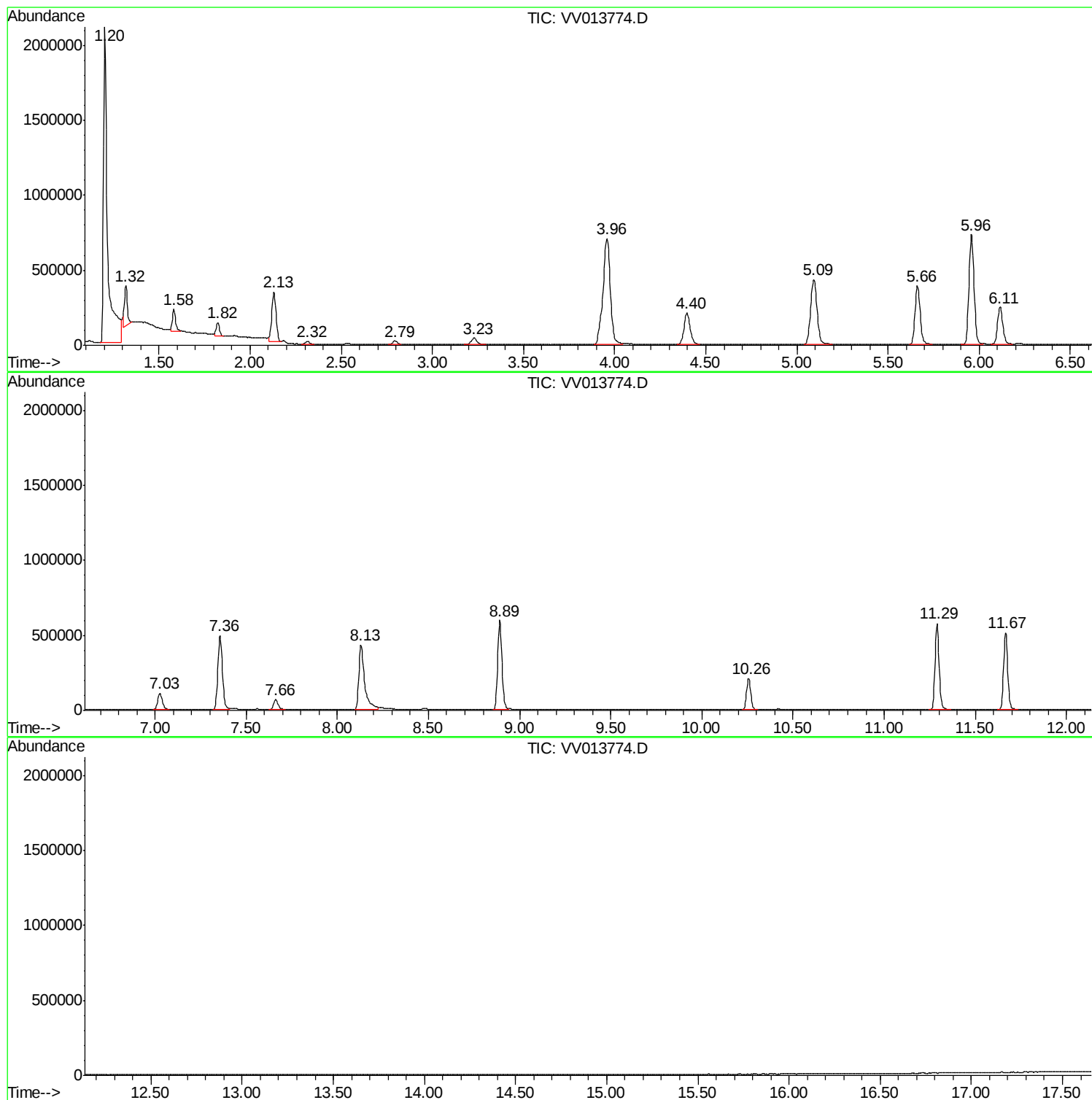
Sum of corrected areas: 16037827

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Quant Title : TRACE VOA SOM01.0

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



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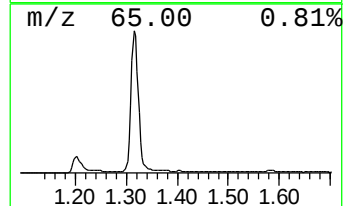
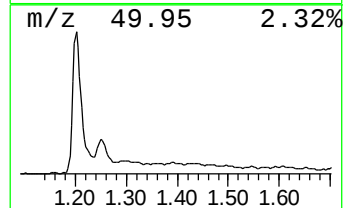
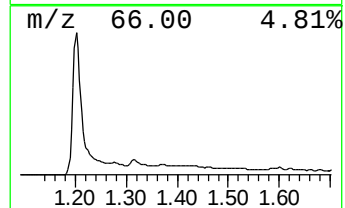
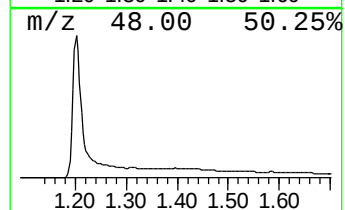
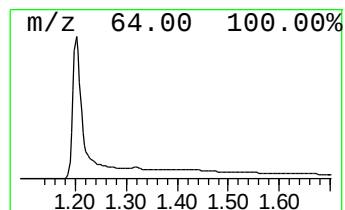
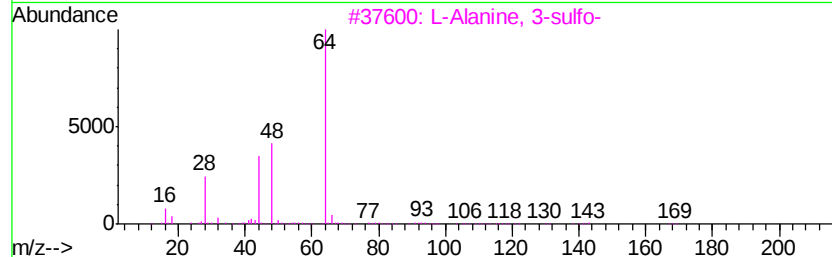
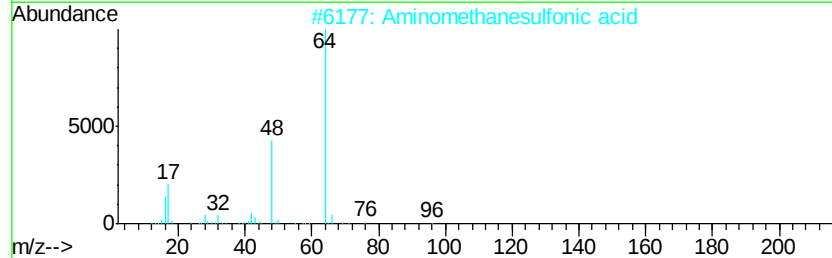
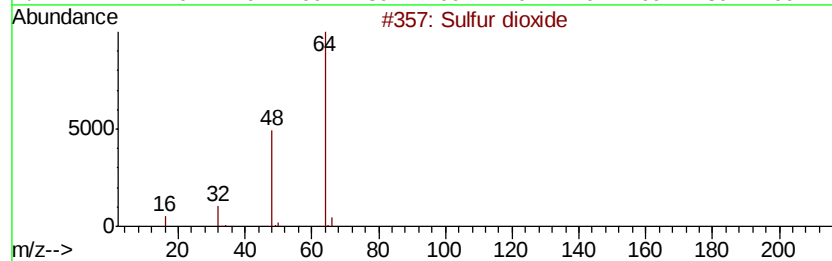
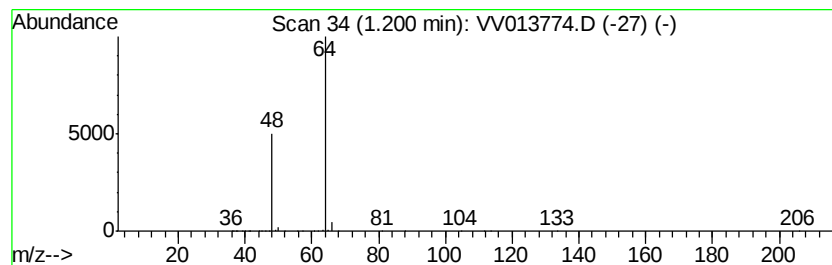
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.20	20.48 ug/L	3228570	1,4-Difluorobenzene	5.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur dioxide	64 02S	007446-09-5	83
2	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169 C3H7N05S	000498-40-8	9
4	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	9
5	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	9



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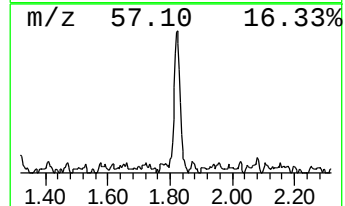
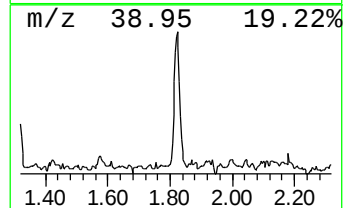
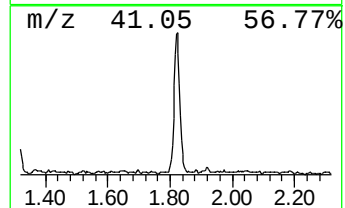
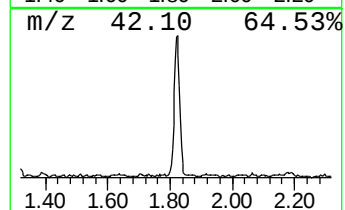
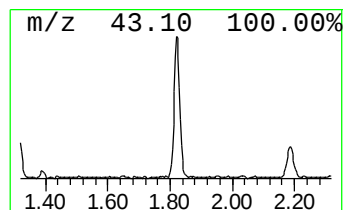
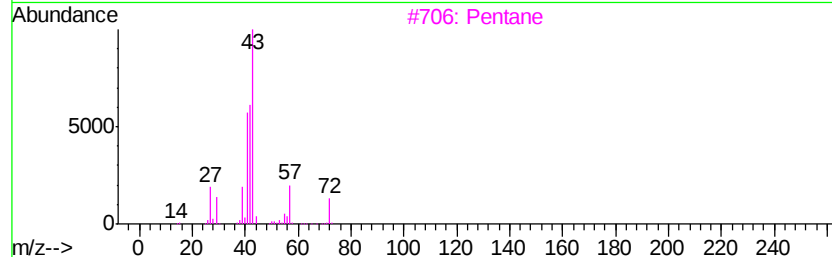
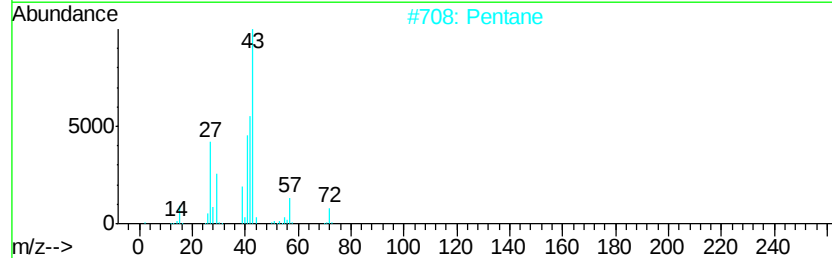
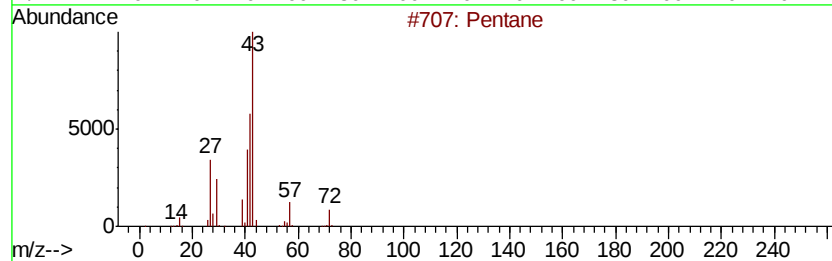
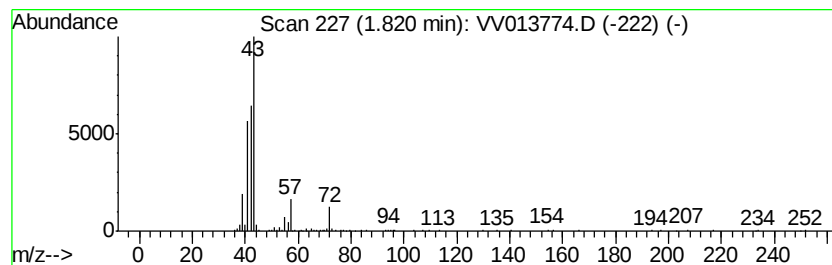
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	0.72 ug/L	113170	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	80
2		Pentane	72	C5H12	000109-66-0	80
3		Pentane	72	C5H12	000109-66-0	68
4		Pentane	72	C5H12	000109-66-0	59
5		Butane, 2-methyl-	72	C5H12	000078-78-4	40



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.20	20.5	ug/L	3228570	1	5.66	788381	5.0
(DEL) Alkane: Str...	1.82	0.7	ug/L	113170	1	5.66	788381	5.0