LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022124\
Data File : VV034312.D
Acq On : 21 Feb 2024 12:16
Operator : SY/MD
Sample : P1513-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0U23

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\SFAMVTR012524WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV034312.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.182	36	44	67	rBV	33397	59046	12.15%	2.106%
2	1.282	67	75	81	rBV	32663	37569	7.73%	1.340%
3	1.327	81	89	92	rVV	8236	12131	2.50%	0.433%
4	1.359	94	99	117	rVB	15684	31864	6.56%	1.137%
5	1.539	148	155	169	rVB	33286	41968	8.64%	1.497%
6	2.063	309	318	332	rVB	67874	103790	21.36%	3.702%
7	2.134	332	340	367	rVB2	10375	28092	5.78%	1.002%
8	3.603	779	797	817	rBV4	9610	26237	5.40%	0.936%
9	3.812	853	862	890	rBV	21283	72338	14.88%	2.581%
10	4.256	980	1000	1031	rBV	49492	136095	28.00%	4.855%
11	4.960	1205	1219	1256	rBV3	100947	263863	54.29%	9.413%
12	5.535	1384	1398	1429	rBV2	89473	186694	38.41%	6.660%
13	5.992	1528	1540	1562	rBV2	58057	120891	24.87%	4.313%
14	6.461	1678	1686	1697	rBV4	2639	5405	1.11%	0.193%
15	6.918	1817	1828	1855	rBV2	20407	41091	8.45%	1.466%
16	7.243	1919	1929	1942	rBV	123928	219569	45.18%	7.833%
17	7.313	1942	1951	1985	rVB	273917	486005	100.00%	17.337%
18	7.561	2020	2028	2049	rBV2	10464	19682	4.05%	0.702%
19	8.027	2165	2173	2213	rBV	98765	211845	43.59%	7.557%
20	8.786	2396	2409	2438	rBV	134246	224625	46.22%	8.013%
21	9.079	2492	2500	2513	rBV2	5107	8967	1.85%	0.320%
22	10.153	2825	2834	2851	rBV	37106	58265	11.99%	2.078%
23	11.185	3144	3155	3172	rBV	139664	215650	44.37%	7.693%
24	11.506	3245	3255	3262	rBV6	2617	5353	1.10%	0.191%
25	11.561	3262	3272	3293	rVB	117231	186218	38.32%	6.643%

Sum of corrected areas: 2803253

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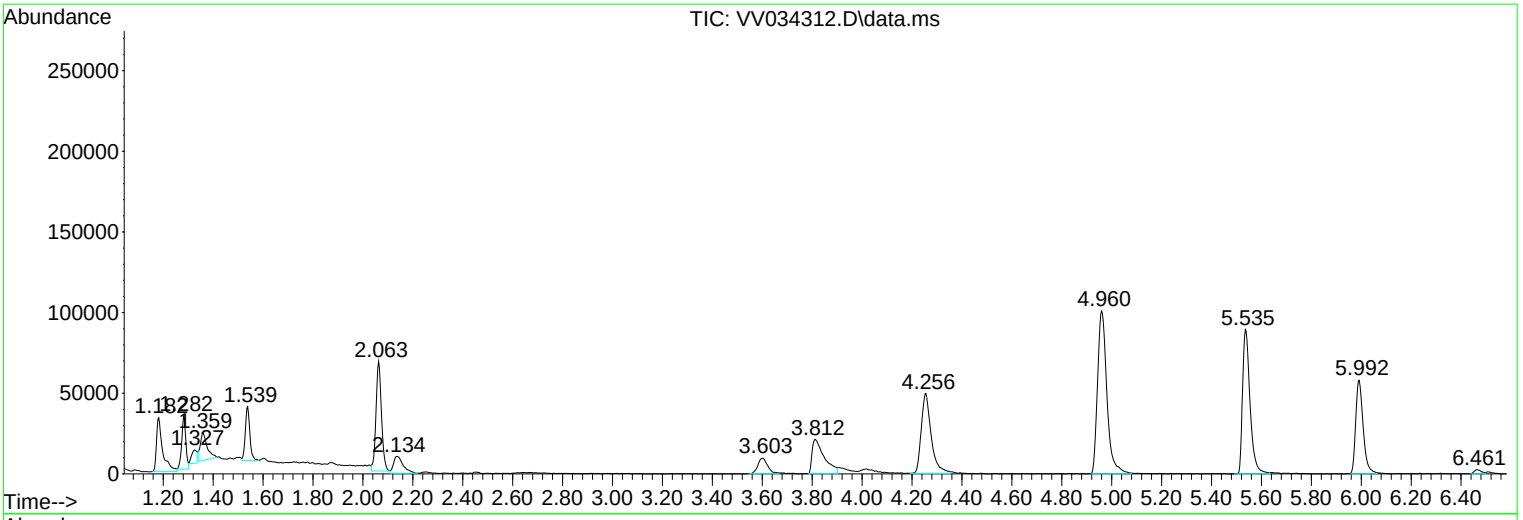
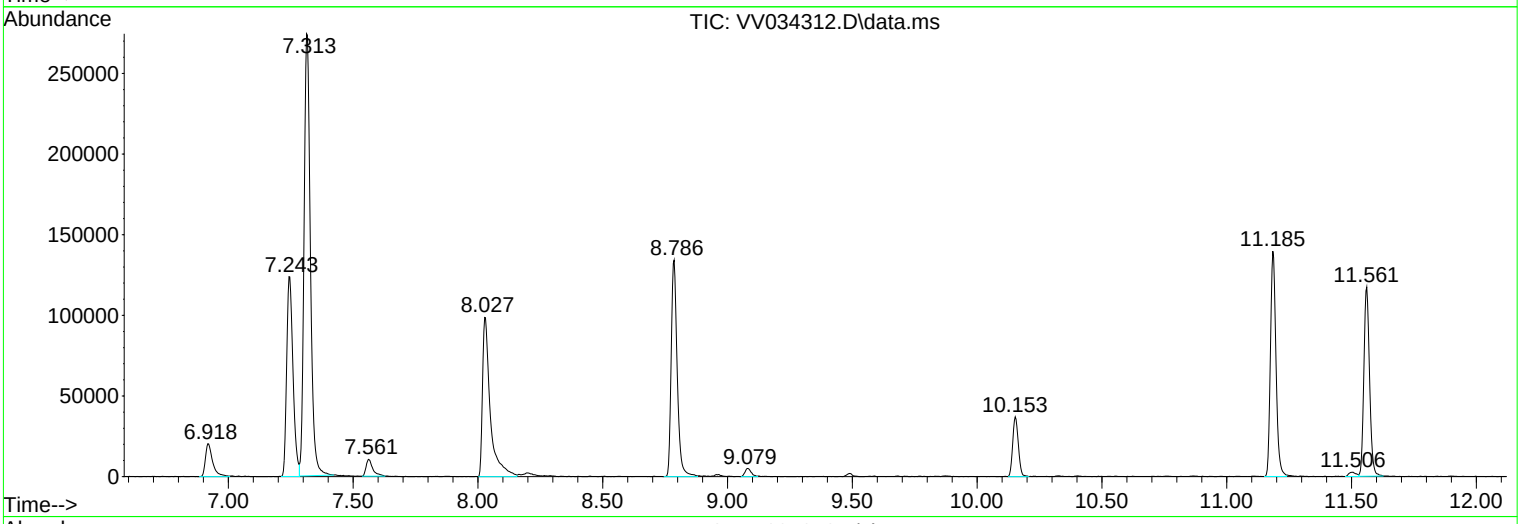
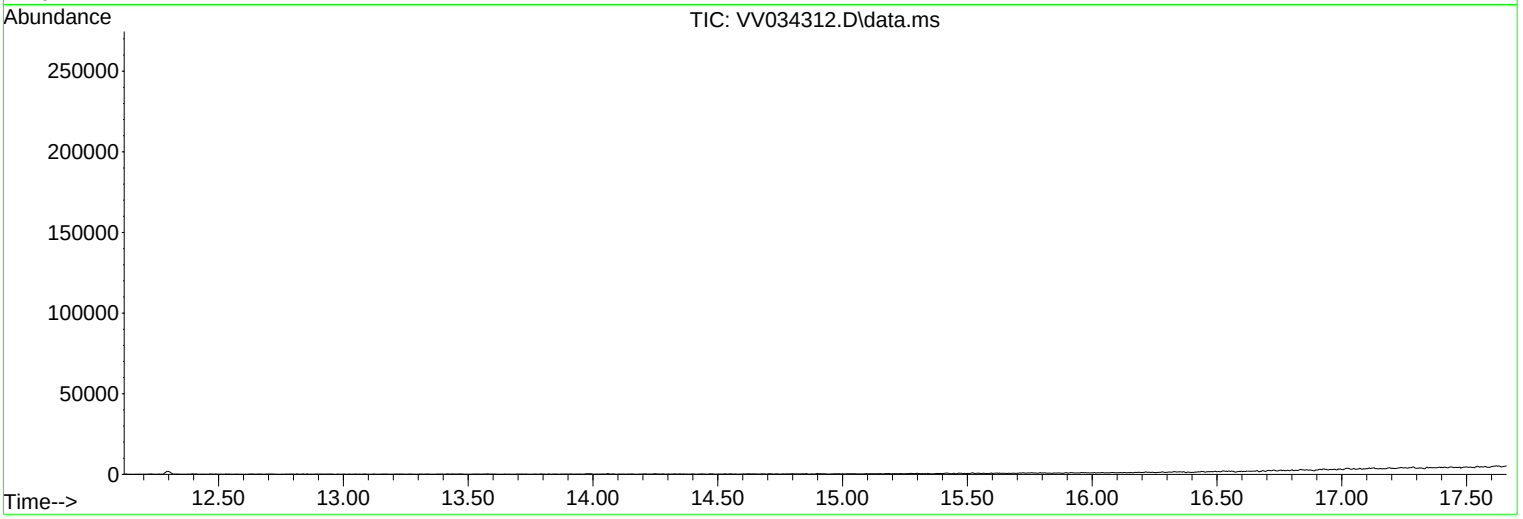
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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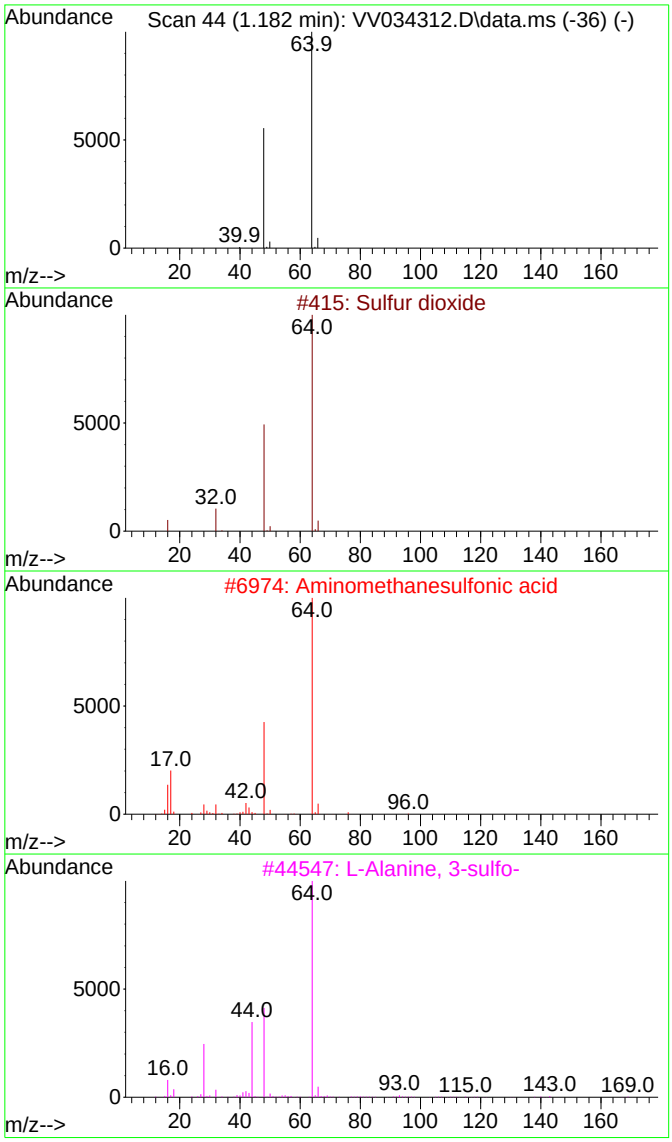
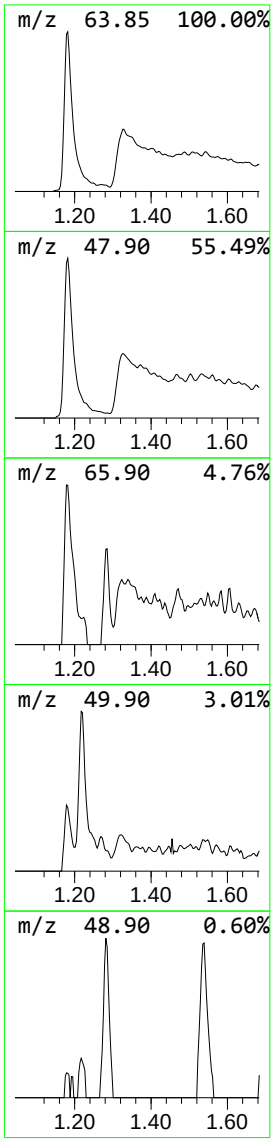
****
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.182	1.58 ug/L	59046	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





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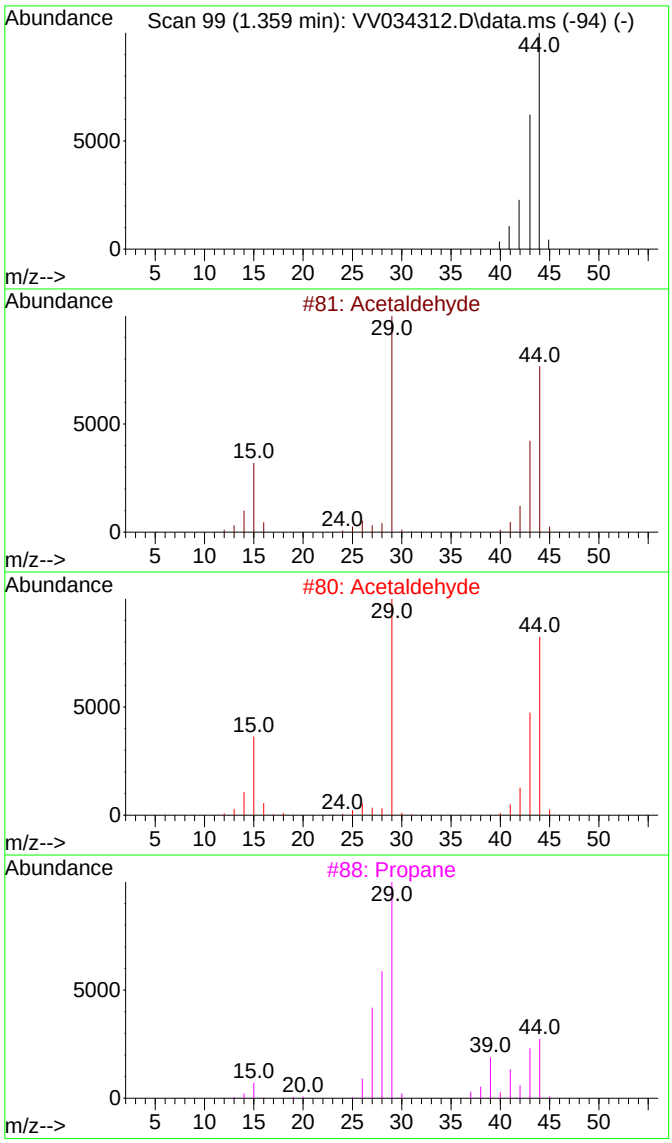
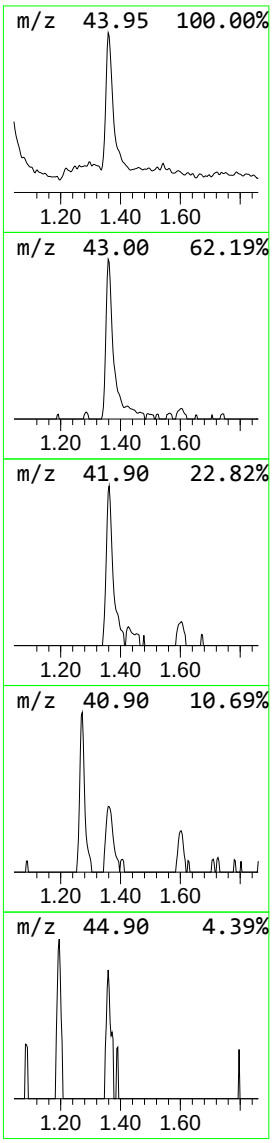
****

Peak Number 2 Acetaldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.359	0.85 ug/L	31864	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	74
2	Acetaldehyde	44	C2H4O	000075-07-0	74
3	Propane	44	C3H8	000074-98-6	5
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5





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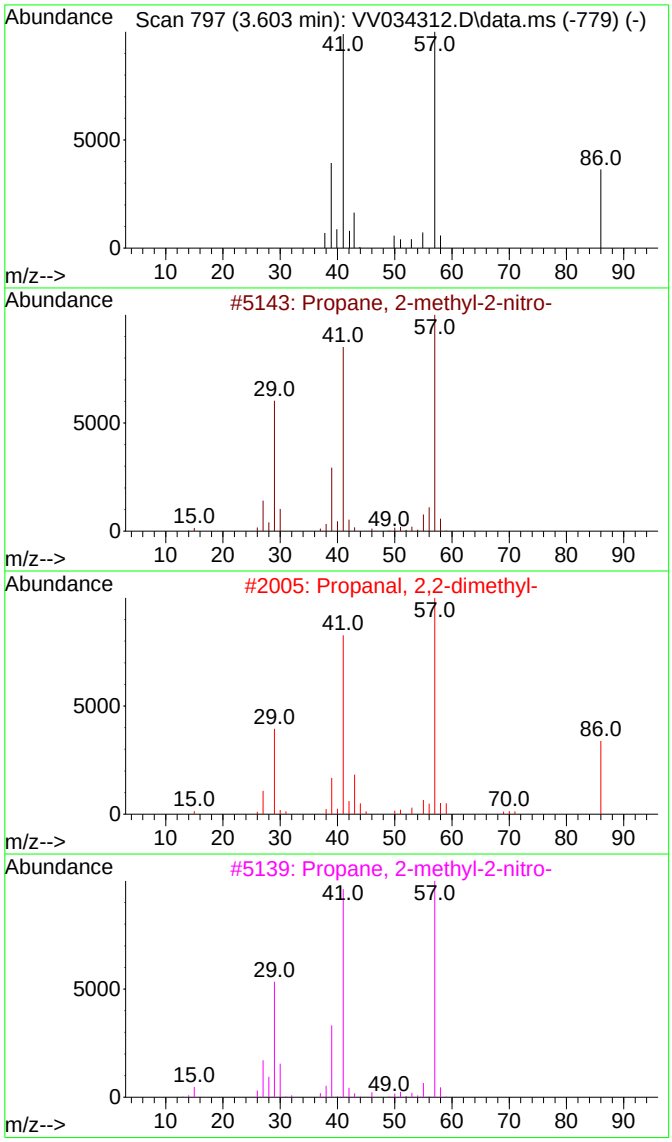
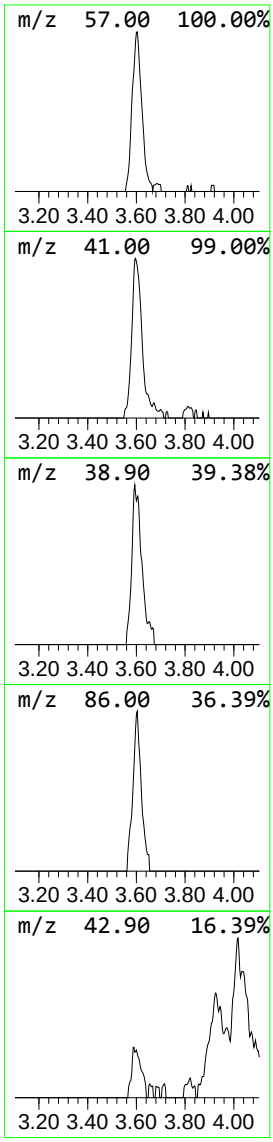
****
Peak Number 3 Propane, 2-methyl-2-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.603	0.70 ug/L	26237	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	64
2	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43
3	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	25
4	2-Propenoic acid, 2-methyl-	86	C4H6O2	000079-41-4	9
5	3-Pentanone	86	C5H10O	000096-22-0	9





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.182	1.6	ug/L	59046	1	5.539	186694	5.0
Acetaldehyde	1.359	0.8	ug/L	31864	1	5.539	186694	5.0
Propane, 2-meth...	3.603	0.7	ug/L	26237	1	5.539	186694	5.0