LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022124\
Data File : VV034320.D
Acq On : 21 Feb 2024 15:31
Operator : SY/MD
Sample : P1526-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E1099

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: VV034320.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.088	9	15	32	rVB2	19564	21349	8.29%	0.891%
2	1.178	32	43	66	rBV	54620	112420	43.68%	4.692%
3	1.281	67	75	80	rBV2	38770	46551	18.09%	1.943%
4	1.317	80	86	101	rVV	21755	58140	22.59%	2.426%
5	1.387	103	108	121	rVB	28689	36548	14.20%	1.525%
6	1.535	147	154	164	rVB	32705	39045	15.17%	1.629%
7	1.767	221	226	236	rVB	9506	12708	4.94%	0.530%
8	2.059	308	317	336	rVB	63858	101671	39.50%	4.243%
9	2.243	366	374	389	rBV2	2428	4134	1.61%	0.173%
10	3.815	854	863	905	rBV	22073	84799	32.95%	3.539%
11	4.252	984	999	1025	rBV	44174	114909	44.65%	4.795%
12	4.960	1204	1219	1251	rBV2	99285	257382	100.00%	10.741%
13	5.535	1386	1398	1424	rBV2	83298	173408	67.37%	7.237%
14	5.992	1527	1540	1571	rBV2	55241	118765	46.14%	4.956%
15	6.918	1818	1828	1850	rBV2	22051	43246	16.80%	1.805%
16	7.246	1920	1930	1952	rBV	118753	213762	83.05%	8.921%
17	7.336	1956	1958	1970	rVB4	1974	2660	1.03%	0.111%
18	7.561	2019	2028	2049	rBV2	11285	22828	8.87%	0.953%
19	8.027	2165	2173	2209	rBV	107331	227213	88.28%	9.482%
20	8.191	2217	2224	2241	rVB4	4242	8381	3.26%	0.350%
21	8.786	2399	2409	2429	rBV	125760	210321	81.72%	8.777%
22	10.152	2825	2834	2850	rBV	39447	61675	23.96%	2.574%
23	10.664	2985	2993	3004	rBV	2054	2883	1.12%	0.120%
24	11.098	3121	3128	3139	rBV3	4315	6726	2.61%	0.281%
25	11.185	3145	3155	3177	rBV	130234	205528	79.85%	8.577%
26	11.561	3262	3272	3291	rBV	116463	184915	71.84%	7.717%
27	12.287	3490	3498	3512	rBV3	15526	24249	9.42%	1.012%

Sum of corrected areas: 2396216

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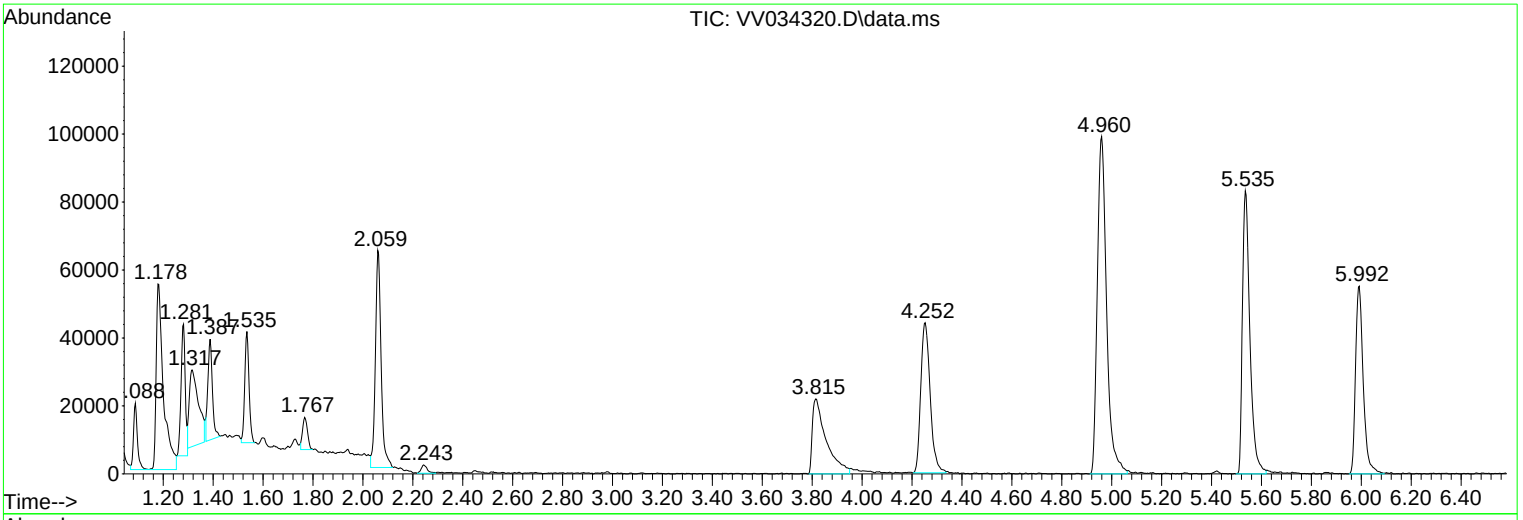
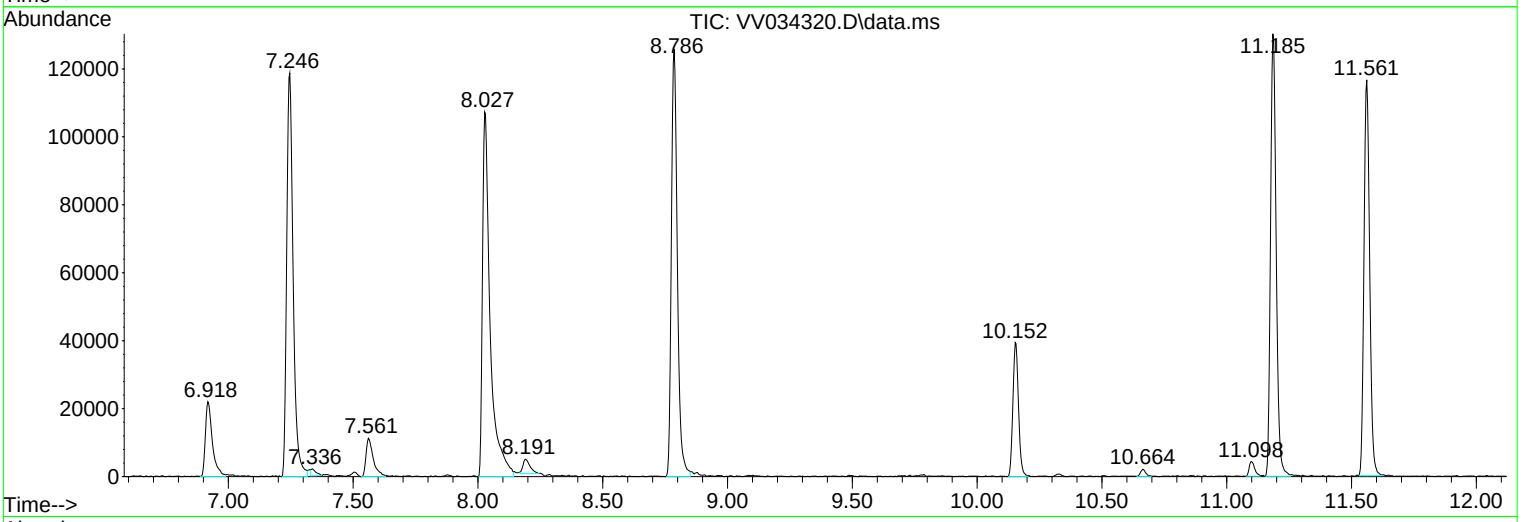
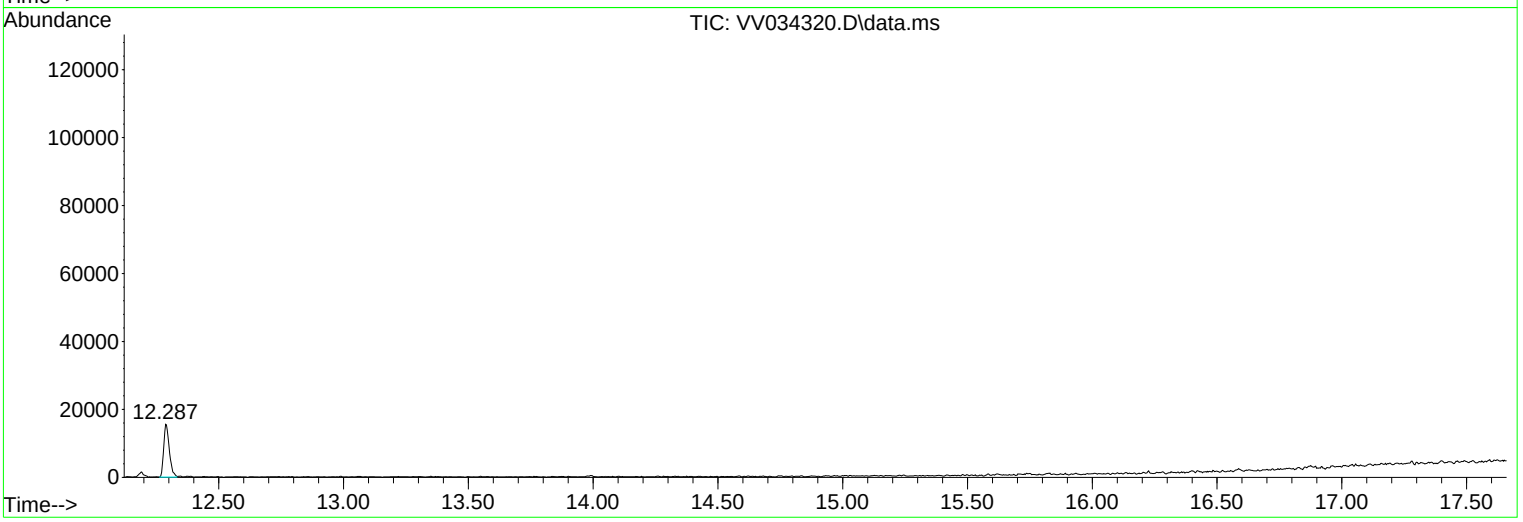
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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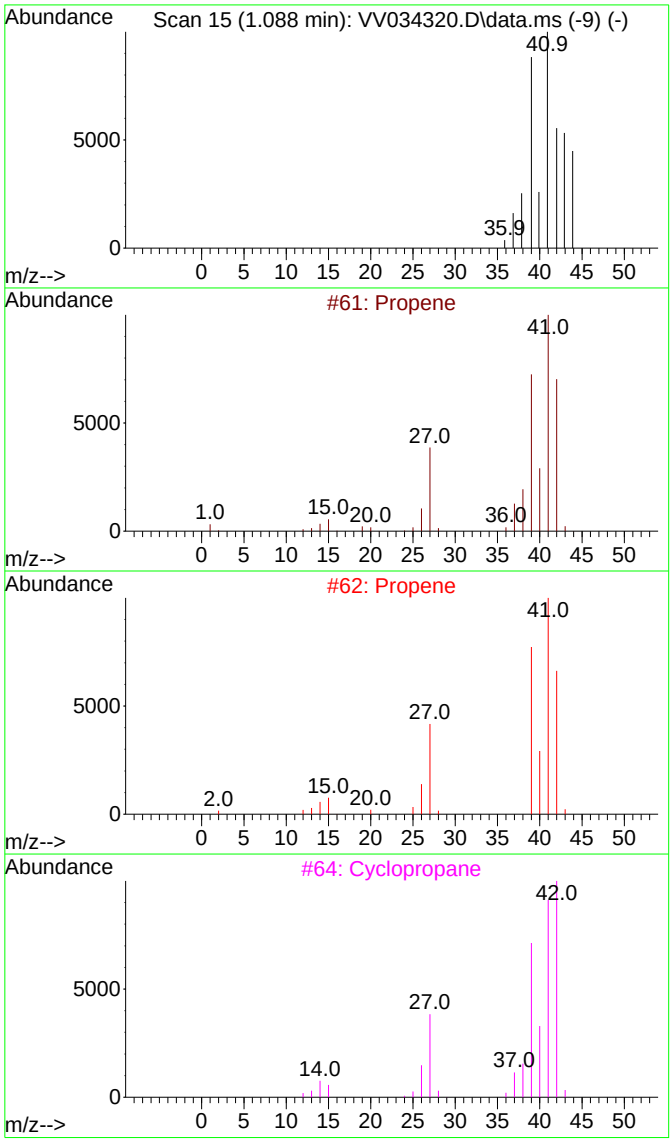
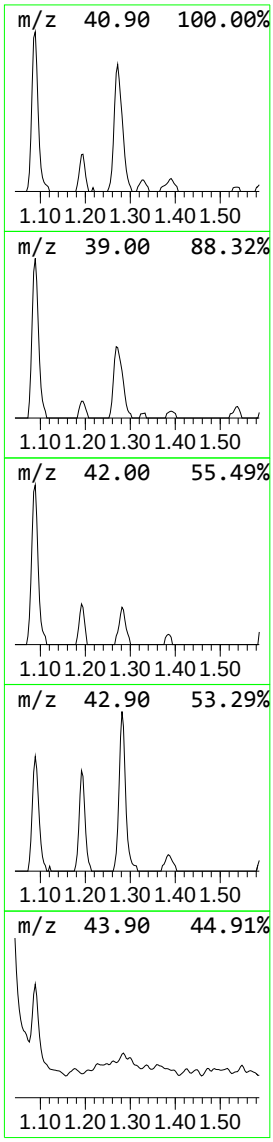
****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.088	0.62 ug/L	21349	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	86
2	Propene	42	C3H6	000115-07-1	42
3	Cyclopropane	42	C3H6	000075-19-4	40
4	Cyclopropene	40	C3H4	002781-85-3	5
5	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	4





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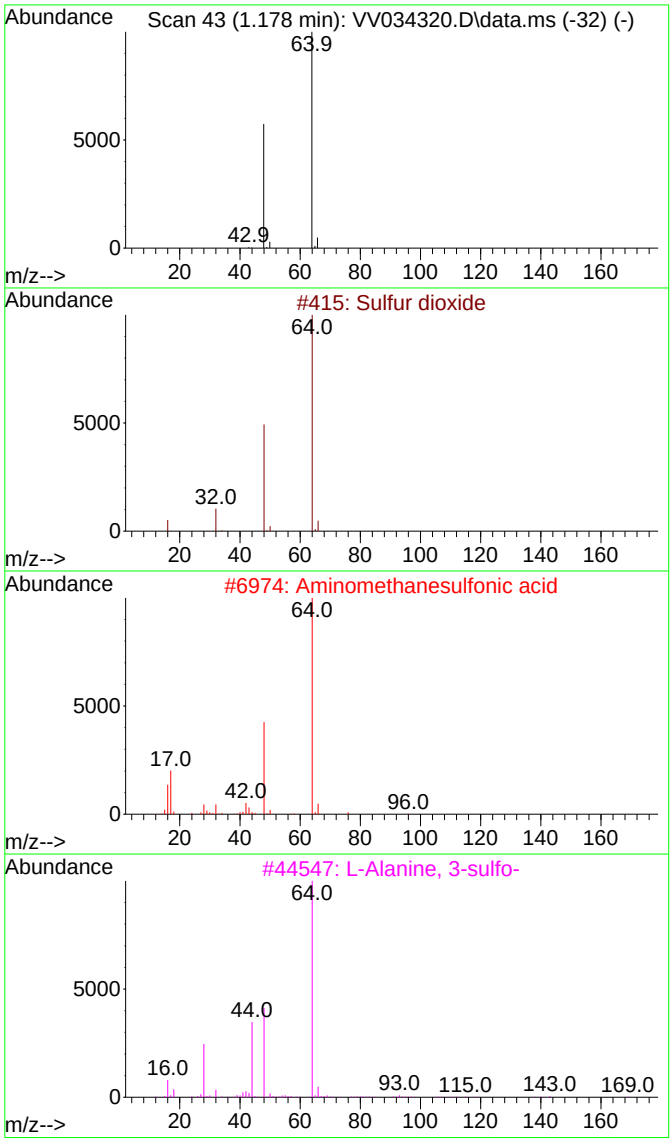
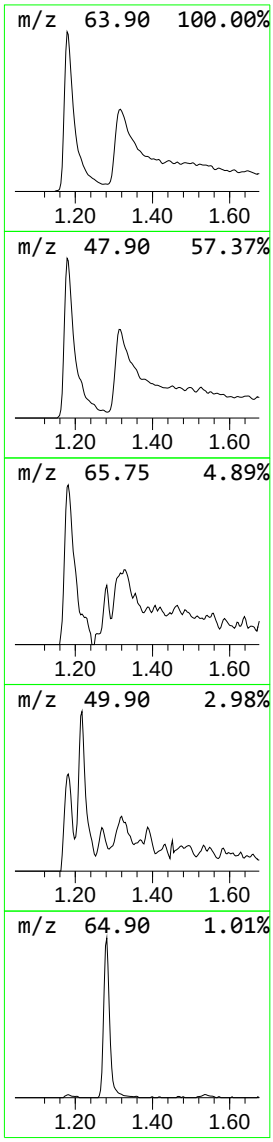
****
Peak Number 2 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.178	3.24 ug/L	112420	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
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	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





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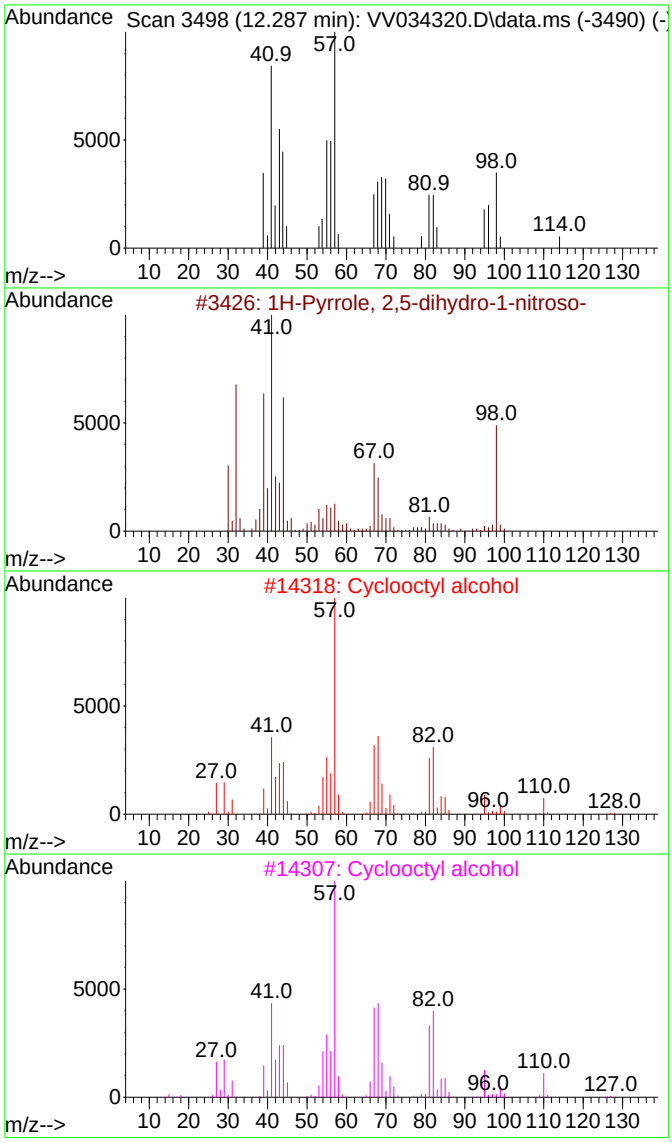
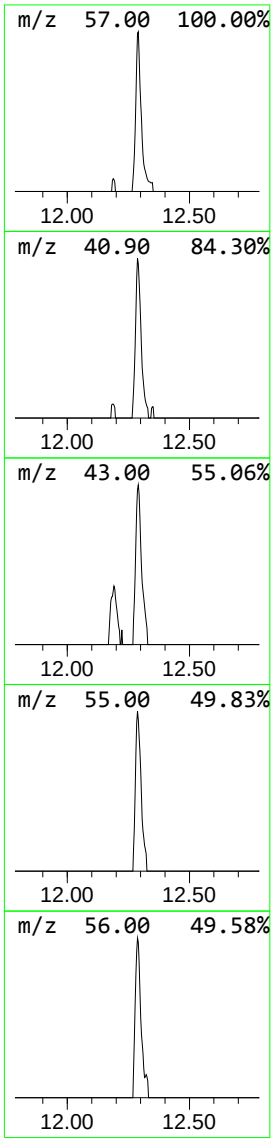
****

Peak Number 5 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.287	0.59 ug/L	24249	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrole, 2,5-dihydro-1-nitroso-	98	C4H6N2O	010552-94-0	35
2	Cyclooctyl alcohol	128	C8H16O	000696-71-9	35
3	Cyclooctyl alcohol	128	C8H16O	000696-71-9	27
4	Cycloheptanol	114	C7H14O	000502-41-0	27
5	Cycloheptanol	114	C7H14O	000502-41-0	22





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.088	0.6	ug/L	21349	1	5.535	173408	5.0
Sulfur dioxide	1.178	3.2	ug/L	112420	1	5.535	173408	5.0
unknown-01	12.287	0.6	ug/L	24249	3	11.185	205528	5.0