LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051622\
Data File : VV025913.D
Acq On : 16 May 2022 15:40
Operator : SY/MD
Sample : N2831-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YB2K1

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\SFAMVTR051322WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV025913.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.111	16	22	26	rBV	26974	25026	4.53%	0.467%
2	1.307	74	83	93	rBV2	117460	133253	24.13%	2.489%
3	1.355	94	98	103	rVB2	6543	5691	1.03%	0.106%
4	1.433	106	122	141	rBV2	79499	399544	72.36%	7.464%
5	1.568	158	164	180	rVB	97835	118359	21.43%	2.211%
6	2.105	323	331	351	rVB	214573	325269	58.91%	6.076%
7	2.204	354	362	378	rVB5	7502	15916	2.88%	0.297%
8	2.291	381	389	402	rVB2	10963	18456	3.34%	0.345%
9	2.510	443	457	472	rVB2	12600	25857	4.68%	0.483%
10	3.040	609	622	634	rBV4	9263	19421	3.52%	0.363%
11	3.915	884	894	924	rBV2	32802	120501	21.82%	2.251%
12	4.349	1013	1029	1049	rBV	99045	244884	44.35%	4.574%
13	5.047	1225	1246	1276	rBV2	218264	552185	100.00%	10.315%
14	5.616	1411	1423	1450	rBV	178017	375406	67.99%	7.013%
15	5.921	1507	1518	1530	rVV5	14833	30100	5.45%	0.562%
16	6.069	1551	1564	1589	rBV	124003	261882	47.43%	4.892%
17	6.989	1839	1850	1871	rBV	42843	86054	15.58%	1.608%
18	7.313	1940	1951	1971	rBV	255155	452809	82.00%	8.459%
19	7.625	2039	2048	2065	rBV	22261	44285	8.02%	0.827%
20	7.976	2146	2157	2178	rVB	83712	144479	26.16%	2.699%
21	8.091	2184	2193	2230	rBV	149706	359216	65.05%	6.710%
22	8.255	2236	2244	2251	rBV10	4246	6737	1.22%	0.126%
23	8.850	2416	2429	2447	rBV	299081	485000	87.83%	9.060%
24	10.217	2842	2854	2868	rBV	76994	122740	22.23%	2.293%
25	11.149	3132	3144	3156	rBV6	14518	24461	4.43%	0.457%
26	11.249	3164	3175	3192	rBV	302063	465753	84.35%	8.700%
27	11.532	3253	3263	3274	rBV2	18735	31778	5.75%	0.594%
28	11.622	3279	3291	3311	rVB	227752	357993	64.83%	6.687%
29	12.342	3505	3515	3529	rBV2	59801	93389	16.91%	1.745%
30	16.175	4701	4707	4716	rVB8	5045	6836	1.24%	0.128%

Sum of corrected areas: 5353280

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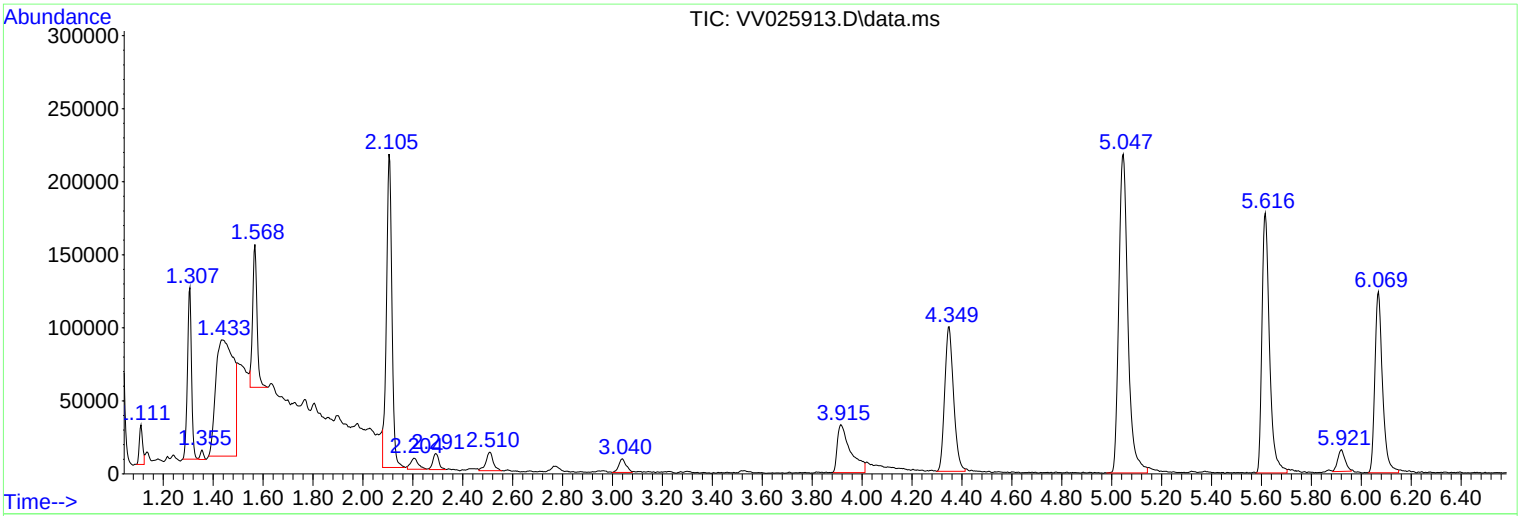
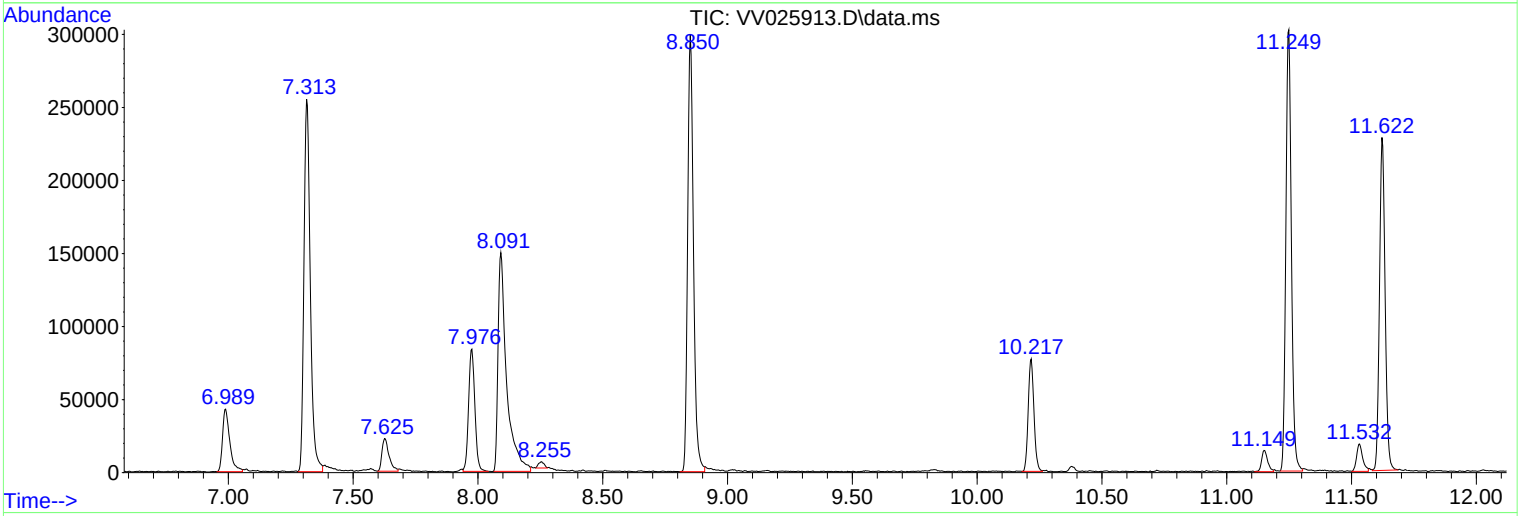
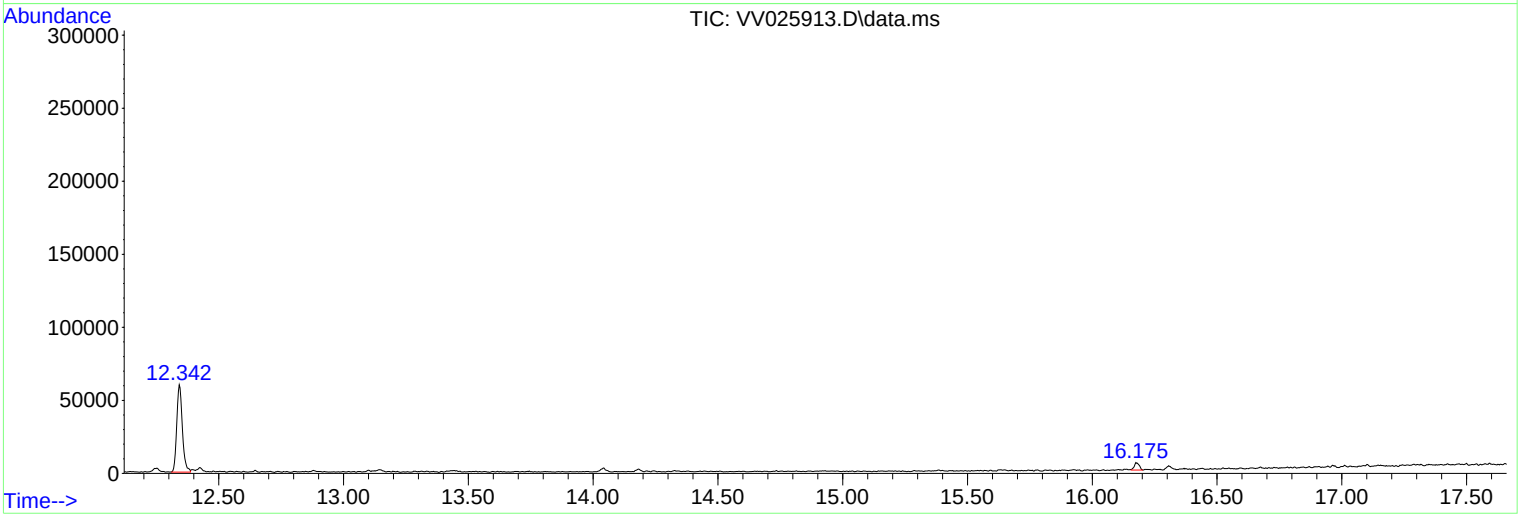
ClientSampleId :
YB2K1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
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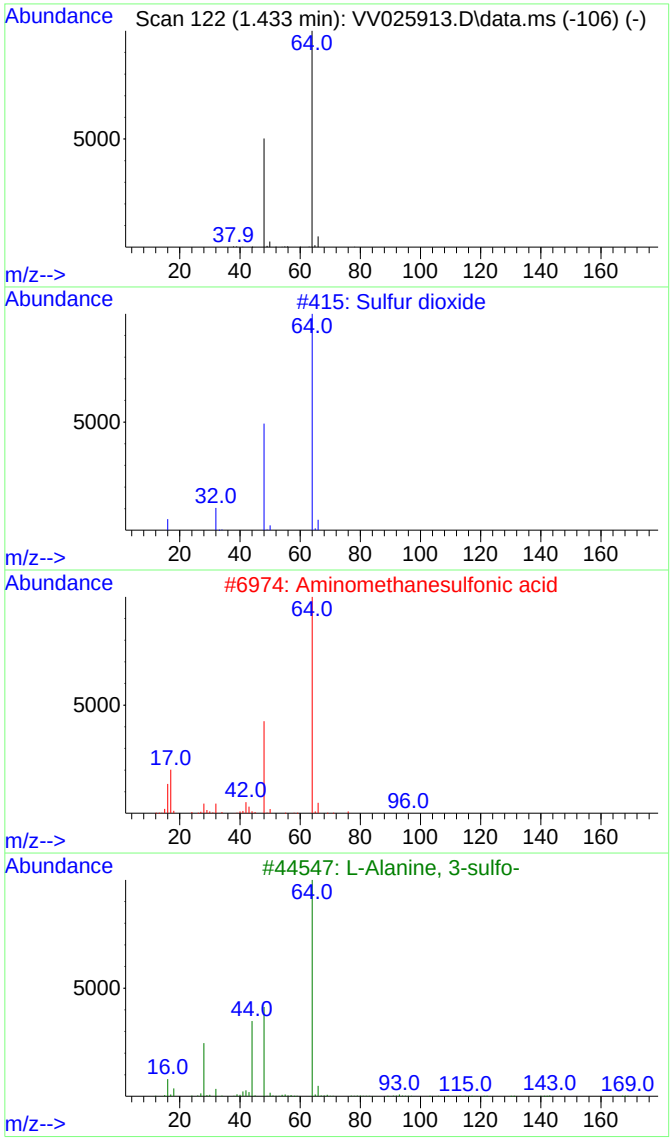
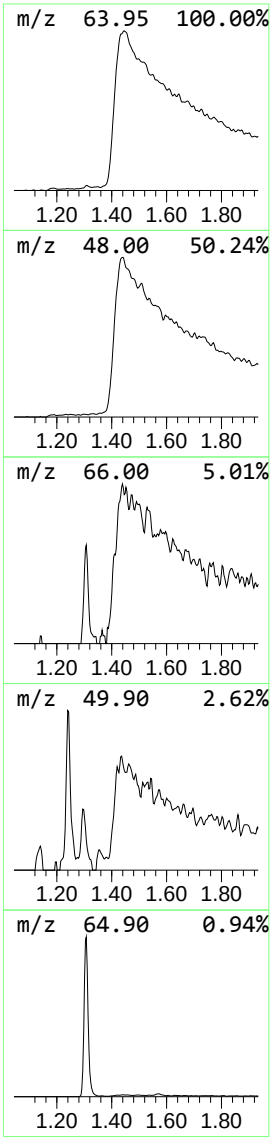
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.433	5.32 ug/L	399544	1,4-Difluorobenzene	5.616

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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ClientSampleId :
YB2K1

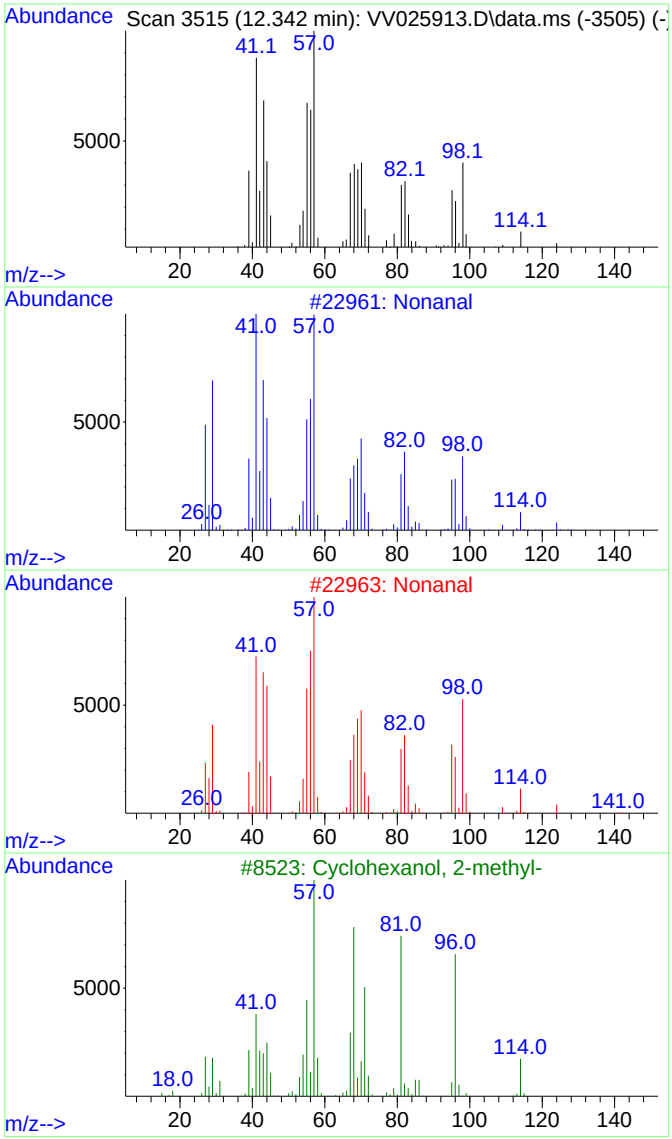
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
Quant Title : TRACE VOA SFAM1.0

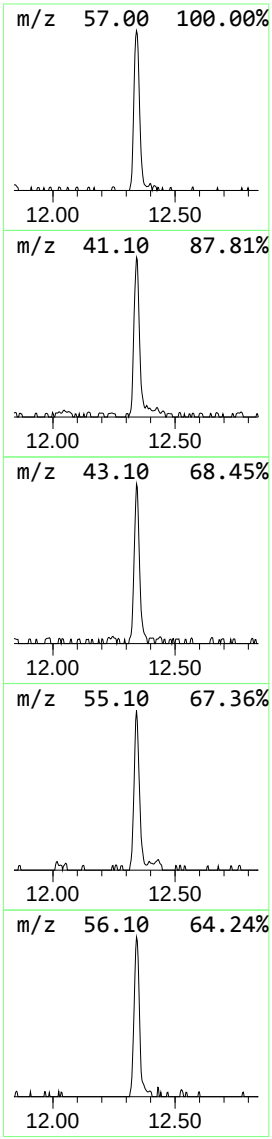
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.342	1.00 ug/L	93389	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	83
2	Nonanal	142	C9H18O	000124-19-6	80
3	Cyclohexanol, 2-methyl-	114	C7H14O	000583-59-5	46
4	Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	41
5	Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	41





Tentatively Identified Compound (LSC) summary

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Instrument :
MSVOA_V
ClientSampleId :
YB2K1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
Quant Title : TRACE VOA SFAM1.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.433	5.3	ug/L	399544	1	5.616	375406	5.0
Nonanal	12.342	1.0	ug/L	93389	3	11.249	465753	5.0