LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051622\
Data File : VV025912.D
Acq On : 16 May 2022 15:08
Operator : SY/MD
Sample : N2831-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YB2K3

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: VV025912.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.307	75	83	92	rBV	109881	118742	14.61%	1.687%
2	1.436	102	123	158	rBV	118922	813007	100.00%	11.551%
3	1.568	159	164	180	rVB	100701	142994	17.59%	2.032%
4	2.108	324	332	354	rVB4	255574	436024	53.63%	6.195%
5	2.298	383	391	399	rVB2	7000	10241	1.26%	0.145%
6	2.770	529	538	549	rBV7	4540	9449	1.16%	0.134%
7	3.195	658	670	685	rVB2	10719	23616	2.90%	0.336%
8	3.815	853	863	880	rBV5	5555	15334	1.89%	0.218%
9	3.918	882	895	929	rBV2	102342	310502	38.19%	4.411%
10	4.352	1013	1030	1059	rBV2	98798	252665	31.08%	3.590%
11	5.050	1230	1247	1274	rBV2	231115	569142	70.00%	8.086%
12	5.619	1413	1424	1445	rBV	178891	358871	44.14%	5.099%
13	5.915	1501	1516	1544	rBV	323254	643882	79.20%	9.148%
14	6.072	1552	1565	1590	rBV2	127566	267021	32.84%	3.794%
15	6.992	1841	1851	1869	rBV2	43196	85404	10.50%	1.213%
16	7.317	1941	1952	1977	rBV	261407	463570	57.02%	6.586%
17	7.629	2039	2049	2063	rBV	23351	44552	5.48%	0.633%
18	7.976	2138	2157	2181	rBV	302340	516213	63.49%	7.334%
19	8.092	2184	2193	2210	rBV	204961	403597	49.64%	5.734%
20	8.255	2236	2244	2260	rVB	5481	13626	1.68%	0.194%
21	8.854	2417	2430	2451	rBV	293791	487577	59.97%	6.927%
22	10.217	2841	2854	2871	rBV	87983	140442	17.27%	1.995%
23	11.249	3164	3175	3193	rBV	278213	432708	53.22%	6.148%
24	11.532	3252	3263	3276	rBV3	13467	24187	2.98%	0.344%
25	11.622	3280	3291	3313	rVB	230591	362028	44.53%	5.143%
26	12.342	3506	3515	3533	rBV2	51103	80035	9.84%	1.137%
27	16.181	4700	4709	4717	rBV5	9446	13199	1.62%	0.188%

Sum of corrected areas: 7038628

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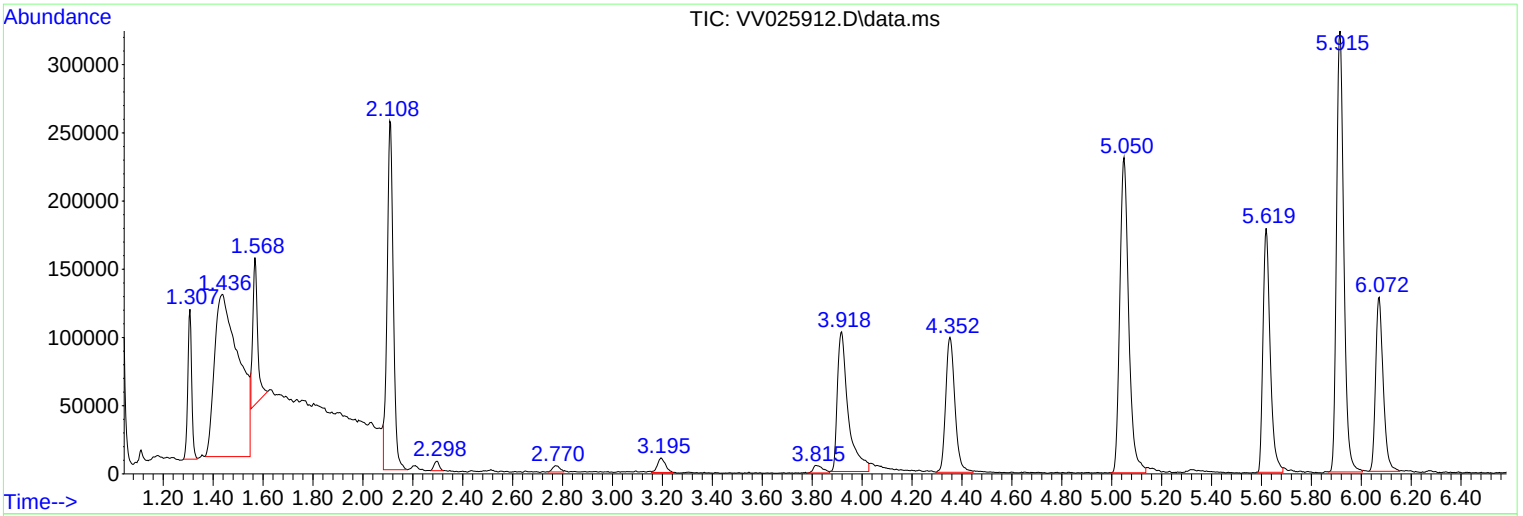
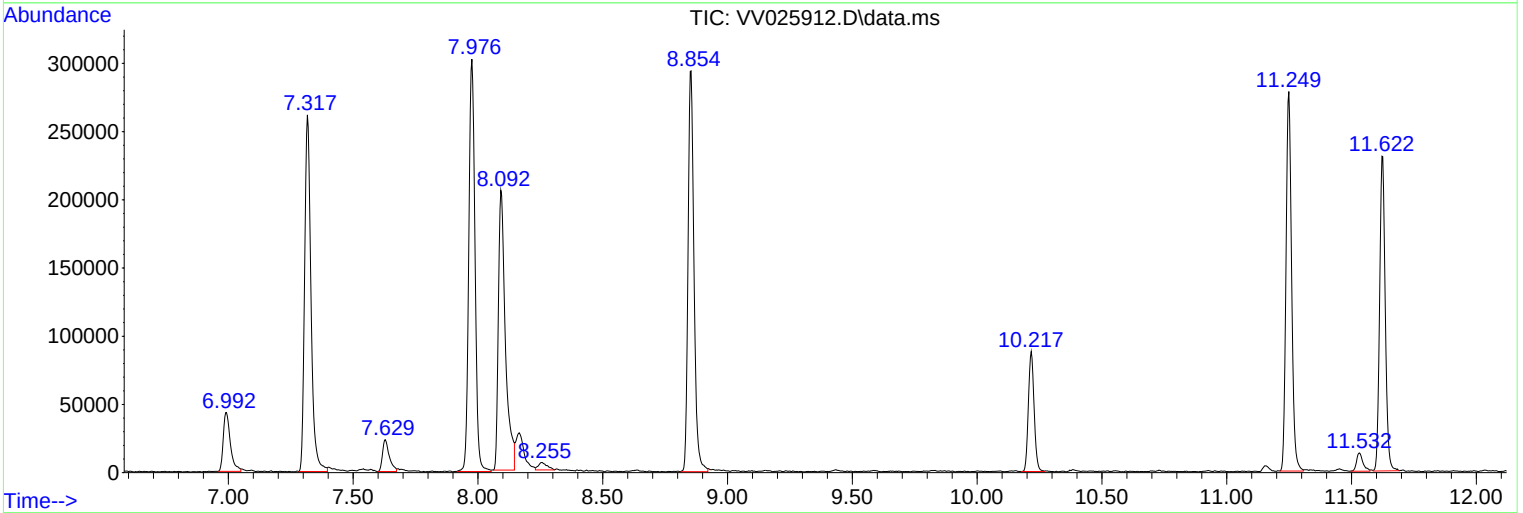
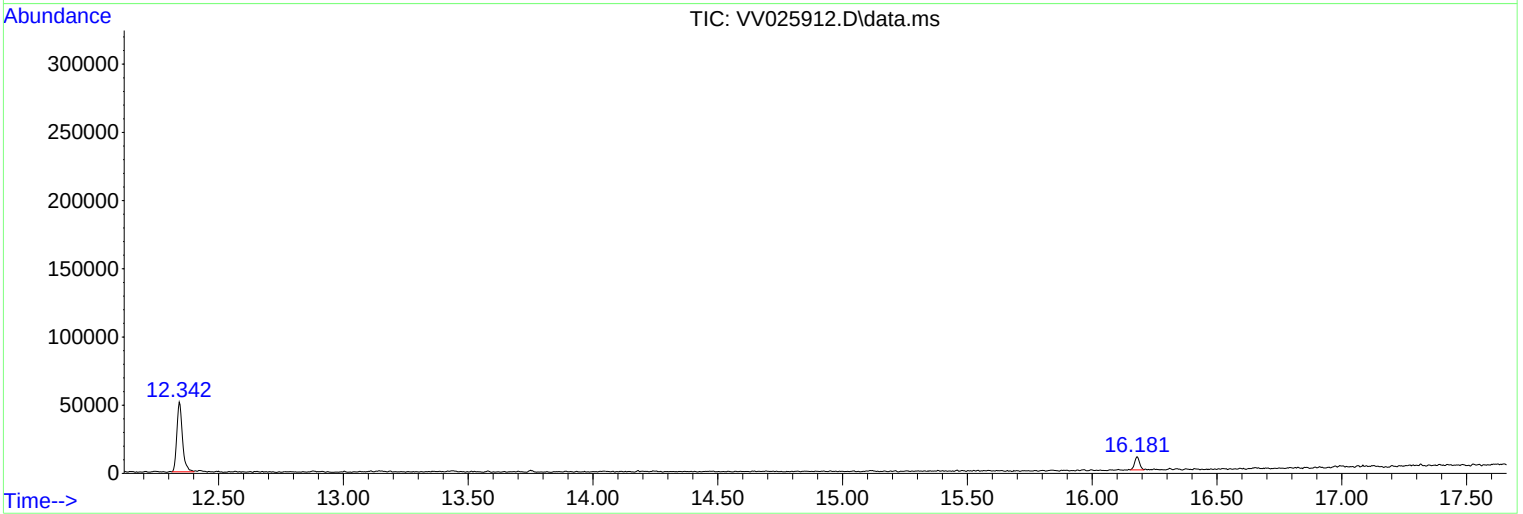
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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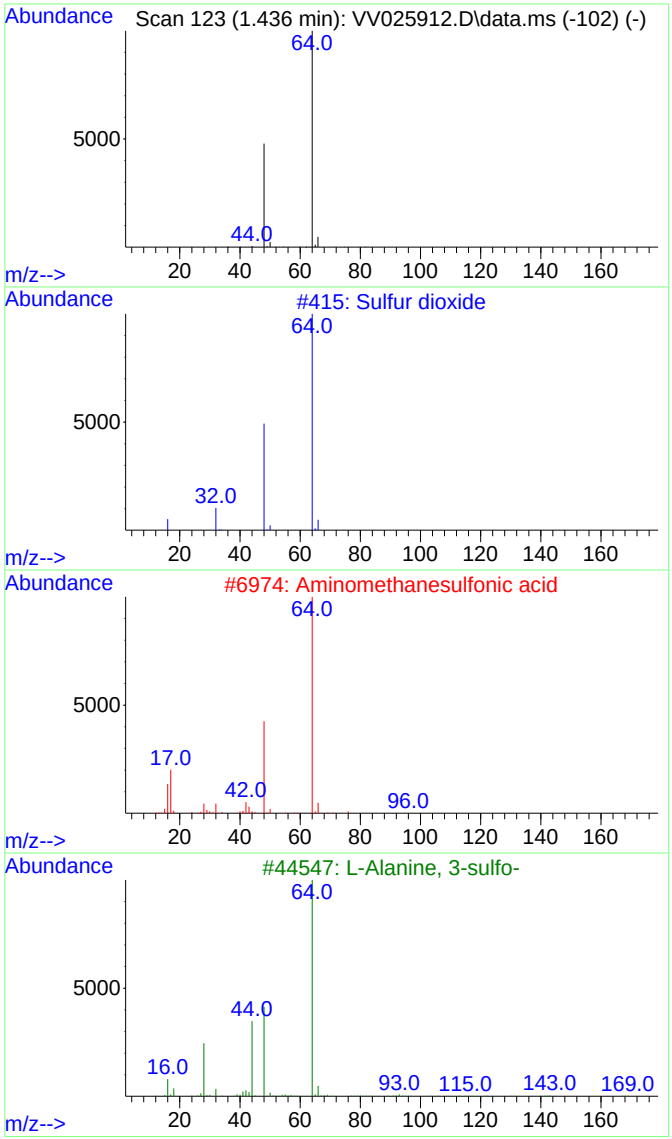
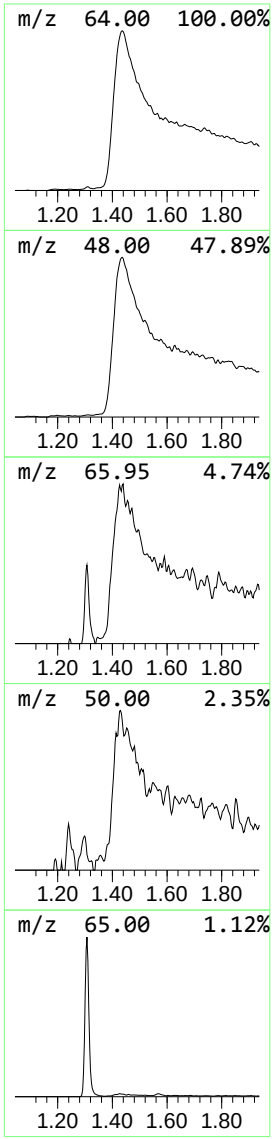
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.436	11.33 ug/L	813007	1,4-Difluorobenzene	5.619

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	Sulfur dioxide	64	O2S	007446-09-5	5





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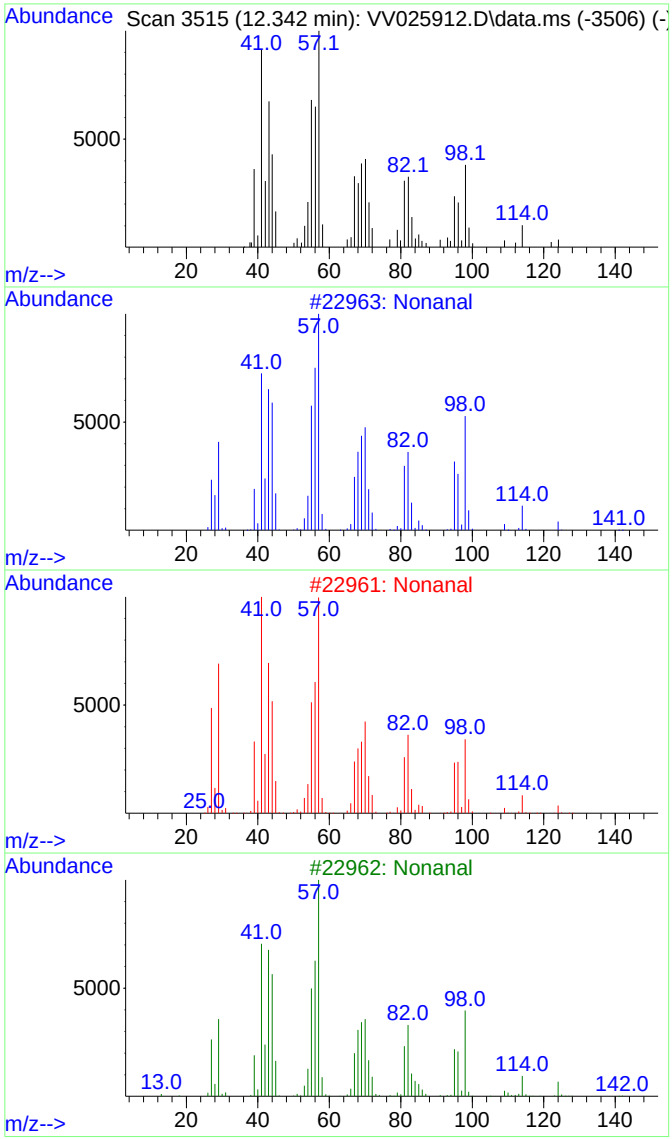
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
Quant Title : TRACE VOA SFAM1.0

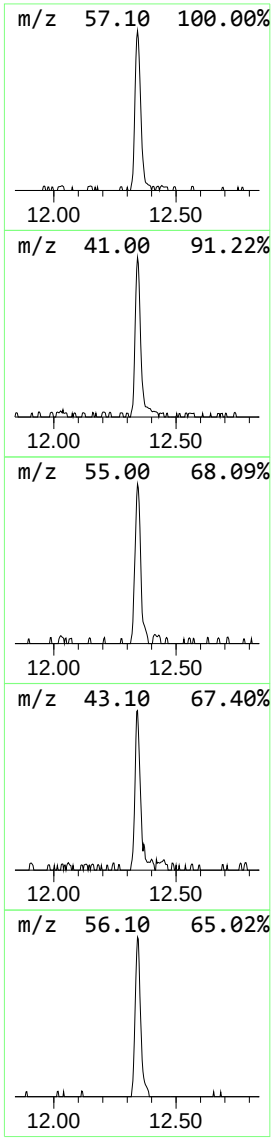
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.342	0.92 ug/L	80035	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	87
2	Nonanal	142	C9H18O	000124-19-6	83
3	Nonanal	142	C9H18O	000124-19-6	58
4	Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	30
5	Aziridine, 2-ethyl-	71	C4H9N	002549-67-9	27





Tentatively Identified Compound (LSC) summary

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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	1.436	11.3	ug/L	813007	1	5.619	358871	5.0
Nonanal	12.342	0.9	ug/L	80035	3	11.249	432708	5.0