LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011224\
Data File : VV033622.D
Acq On : 13 Jan 2024 02:15
Operator : SY/MD
Sample : P1121-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH8L8

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\SFAMVTR011224WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV033622.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.169	32	40	59	rBV	114927	142879	36.57%	5.925%
2	1.288	69	77	103	rBV2	51301	156506	40.06%	6.490%
3	1.532	148	153	165	rVB	19385	24581	6.29%	1.019%
4	2.069	309	320	345	rVB2	235705	390712	100.00%	16.202%
5	2.449	427	438	446	rBV2	6912	11407	2.92%	0.473%
6	2.699	508	516	526	rBV6	3991	7801	2.00%	0.323%
7	3.114	628	645	670	rBV	69600	151051	38.66%	6.264%
8	3.793	848	856	891	rBV	32570	110694	28.33%	4.590%
9	4.256	985	1000	1020	rBV	24526	65133	16.67%	2.701%
10	4.963	1206	1220	1240	rBV3	58081	151384	38.75%	6.277%
11	5.542	1390	1400	1430	rBV	51358	114078	29.20%	4.730%
12	5.841	1482	1493	1516	rBV2	25429	53989	13.82%	2.239%
13	5.995	1529	1541	1562	rBV2	34441	77173	19.75%	3.200%
14	6.101	1563	1574	1590	rVB3	17696	35967	9.21%	1.491%
15	6.924	1817	1830	1845	rBV	15013	30953	7.92%	1.284%
16	7.249	1921	1931	1956	rBV	62796	118898	30.43%	4.930%
17	7.567	2022	2030	2053	rBV3	8089	18016	4.61%	0.747%
18	7.876	2116	2126	2135	rBV3	5083	9179	2.35%	0.381%
19	8.027	2163	2173	2209	rBV	119543	250493	64.11%	10.387%
20	8.789	2400	2410	2436	rBV	83253	145875	37.34%	6.049%
21	10.156	2820	2835	2853	rBV	32942	54085	13.84%	2.243%
22	10.326	2878	2888	2897	rBV	7545	11956	3.06%	0.496%
23	11.188	3146	3156	3182	rVB	93740	153466	39.28%	6.364%
24	11.564	3262	3273	3295	rBV	76155	125302	32.07%	5.196%

Sum of corrected areas: 2411578

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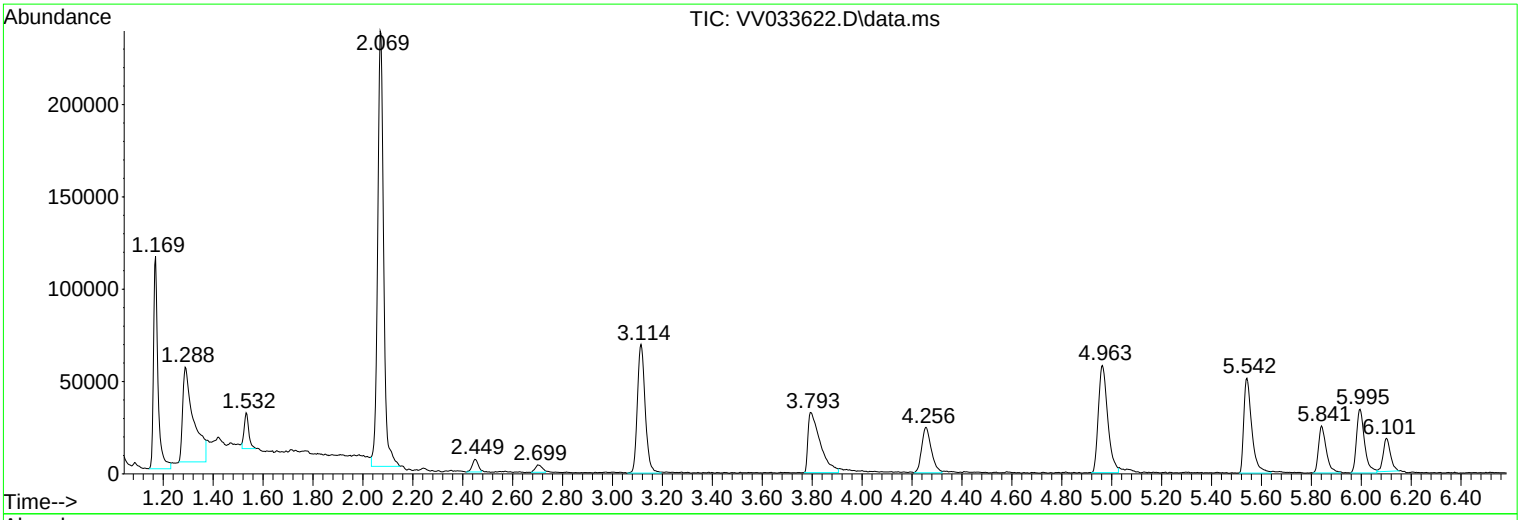
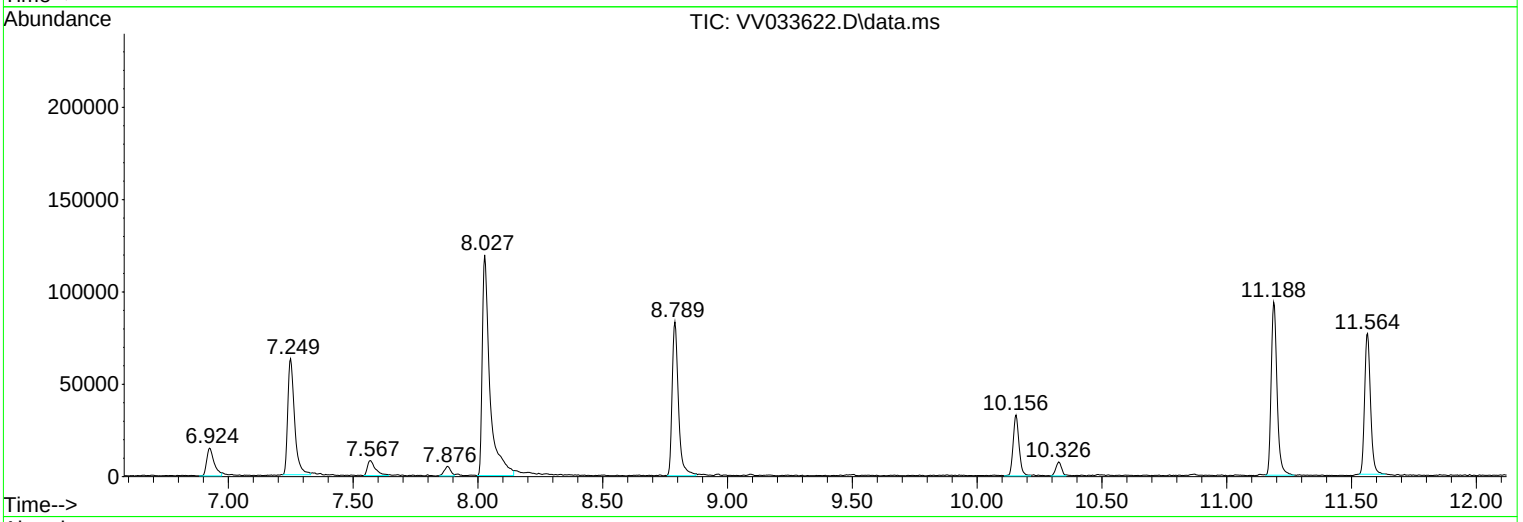
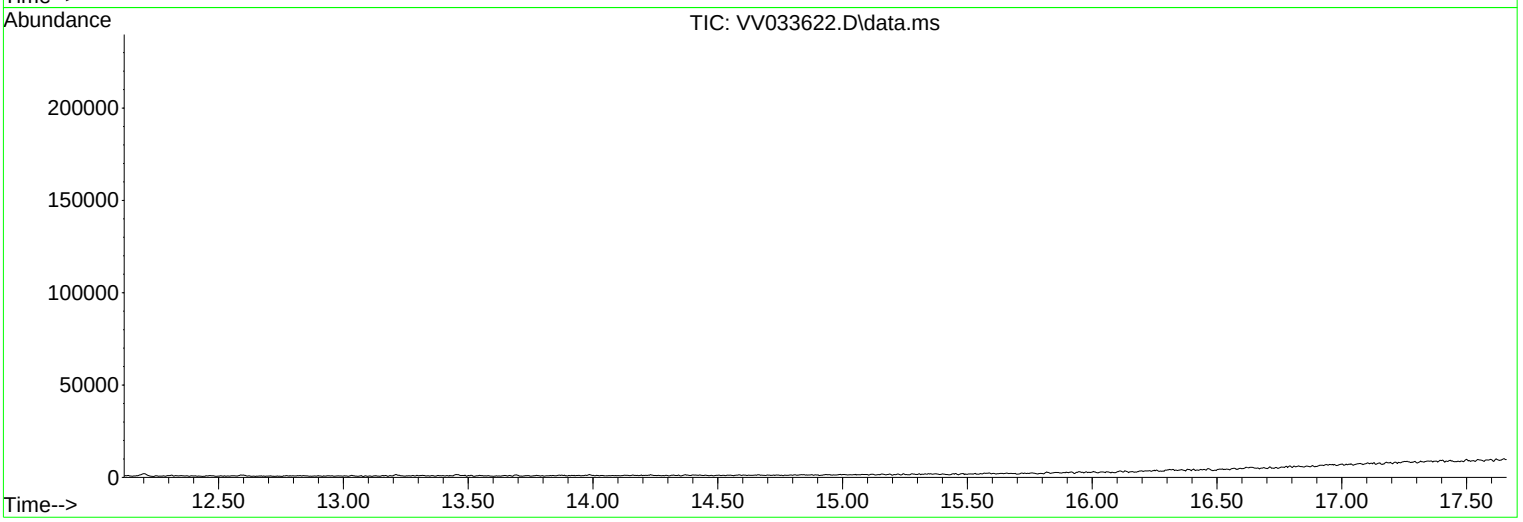
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

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
TIC Integration Parameters: LSCINT.P

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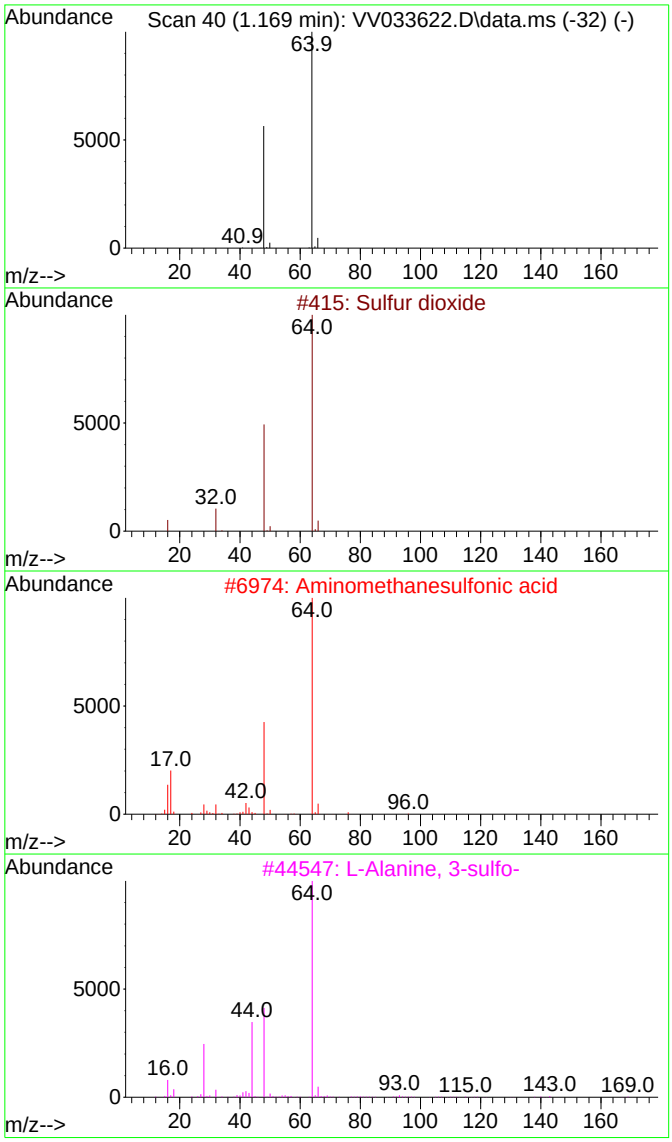
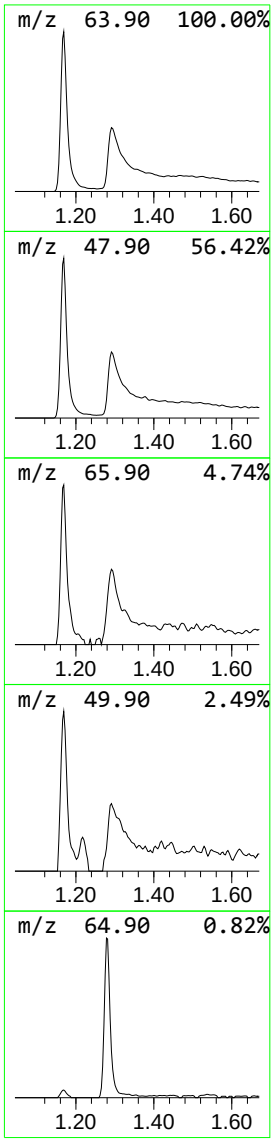
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.169	6.26 ug/L	142879	1,4-Difluorobenzene	5.542

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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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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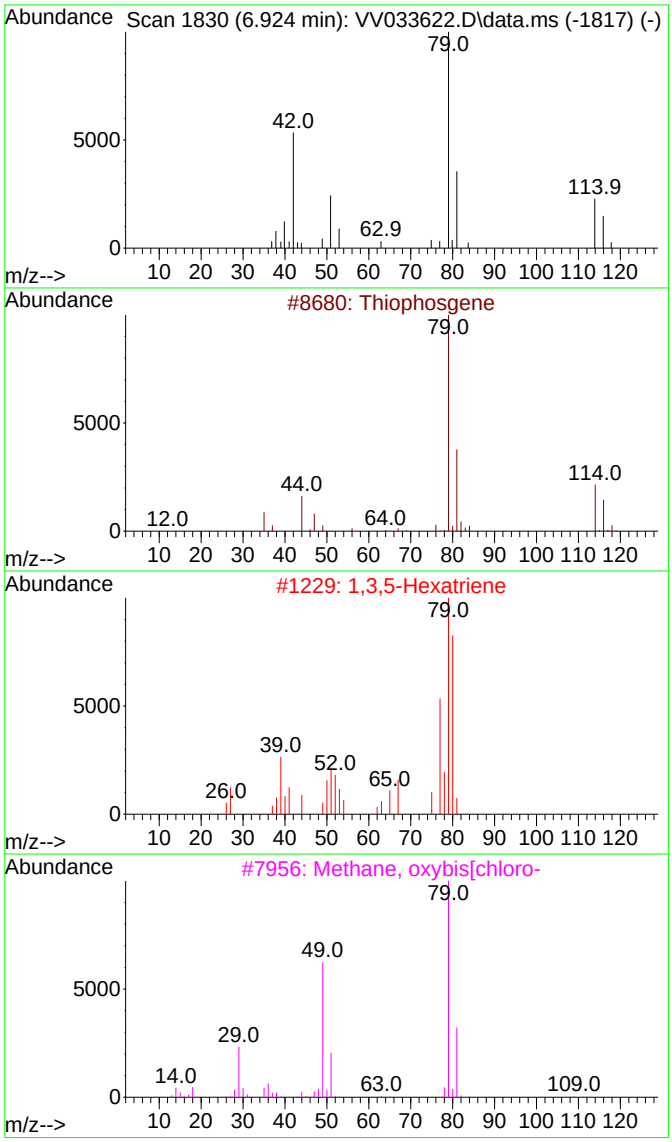
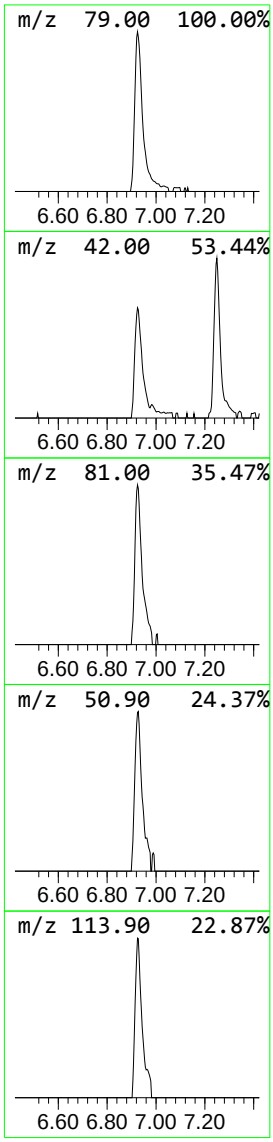
Peak Number 2 Thiophosgene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.924	1.36 ug/L	30953	1,4-Difluorobenzene	5.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophosgene	114	CCl2S	000463-71-8	52
2	1,3,5-Hexatriene	80	C6H8	002235-12-3	25
3	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25
4	1,4-Cyclohexadiene	80	C6H8	000628-41-1	25
5	1,3-Cyclohexadiene	80	C6H8	000592-57-4	25





Tentatively Identified Compound (LSC) summary

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MSVOA_V
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.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	1.169	6.3	ug/L	142879	1	5.542	114078	5.0
Thiophosgene	6.924	1.4	ug/L	30953	1	5.542	114078	5.0