

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081622\
 Data File : VV027404.D
 Acq On : 16 Aug 2022 11:06
 Operator : SY/MD
 Sample : N4133-06RE
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E47RE

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 1 % of largest Peak

Start Thrs: 0.2

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\SFAMVTR081122WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV027404.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.124	20	26	45	rVB	48727	82227	8.29%	1.230%
2	1.207	47	52	60	rVB	18308	17623	1.78%	0.264%
3	1.304	71	82	94	rBV3	92021	159135	16.04%	2.380%
4	1.564	156	163	173	rVB	57551	66375	6.69%	0.993%
5	1.947	276	282	298	rVB5	10227	20203	2.04%	0.302%
6	2.101	320	330	344	rVB	128635	190195	19.17%	2.844%
7	2.757	520	534	550	rBV2	18319	34746	3.50%	0.520%
8	3.899	877	889	924	rBV2	52384	202314	20.39%	3.026%
9	4.346	1009	1028	1052	rBV3	91630	272684	27.48%	4.078%
10	5.043	1228	1245	1258	rBV4	206534	523451	52.75%	7.828%
11	5.612	1409	1422	1438	rBV	358709	724654	73.03%	10.838%
12	5.915	1506	1516	1530	rBV	10129	24060	2.42%	0.360%
13	6.066	1549	1563	1597	rBV2	132931	295372	29.77%	4.417%
14	6.985	1839	1849	1868	rBV	53726	107002	10.78%	1.600%
15	7.313	1939	1951	1966	rBV	206992	382079	38.51%	5.714%
16	7.390	1968	1975	1988	rVB2	22256	47188	4.76%	0.706%
17	7.622	2038	2047	2070	rBV2	30165	60363	6.08%	0.903%
18	8.088	2182	2192	2221	rBV	236776	493266	49.71%	7.377%
19	8.850	2410	2429	2463	rBV	581256	992234	100.00%	14.839%
20	9.014	2469	2480	2490	rBV	47787	80929	8.16%	1.210%
21	9.140	2507	2519	2538	rVB	77775	136235	13.73%	2.037%
22	9.545	2634	2645	2659	rBV	49622	85156	8.58%	1.274%
23	10.214	2843	2853	2869	rVB2	99645	159779	16.10%	2.390%
24	10.358	2889	2898	2911	rBV5	6850	14468	1.46%	0.216%
25	10.718	3003	3010	3031	rVB3	10071	24009	2.42%	0.359%
26	10.914	3062	3071	3082	rBV	13419	19977	2.01%	0.299%
27	11.085	3109	3124	3134	rBV7	13789	23146	2.33%	0.346%
28	11.246	3163	3174	3193	rBV	571423	891099	89.81%	13.327%
29	11.413	3218	3226	3233	rBV10	6470	10107	1.02%	0.151%
30	11.532	3253	3263	3274	rBV8	10919	24332	2.45%	0.364%
31	11.622	3280	3291	3315	rVB	244054	407612	41.08%	6.096%
32	12.242	3474	3484	3493	rBV6	6558	11346	1.14%	0.170%
33	12.879	3670	3682	3687	rBV9	6601	12194	1.23%	0.182%
34	13.291	3798	3810	3815	rBV9	8240	14876	1.50%	0.222%
35	16.307	4733	4748	4759	rBV2	46418	76054	7.66%	1.137%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 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\SFAMVTR081122WMA.M
Title : TRACE VOA SFAM1.0

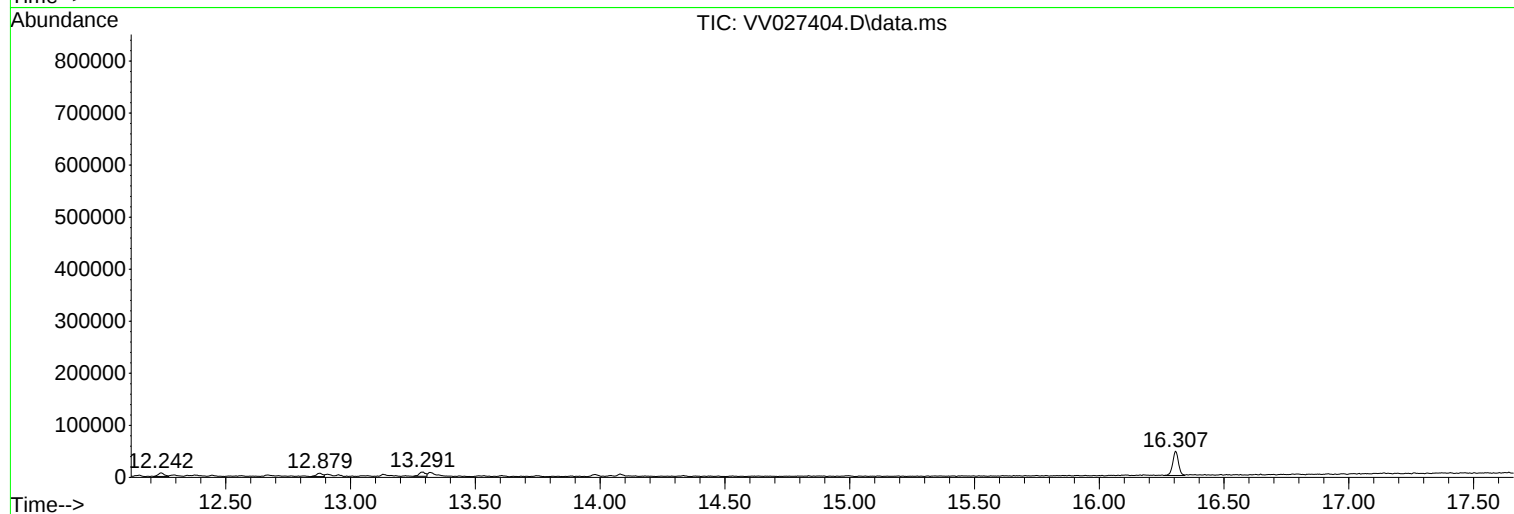
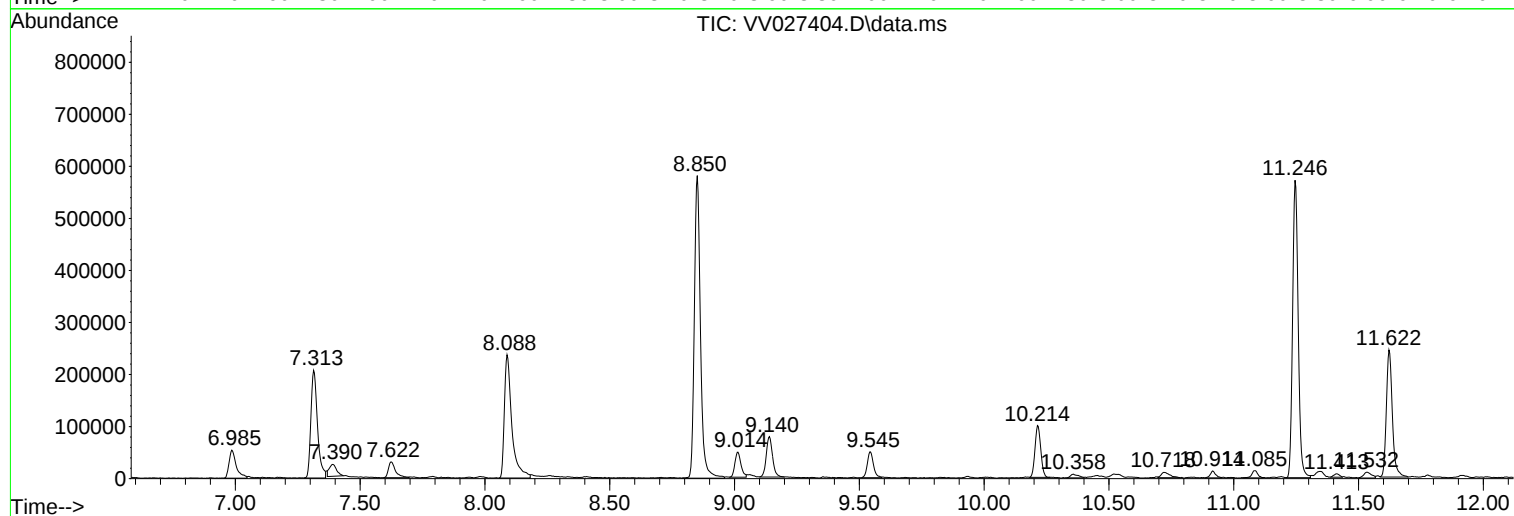
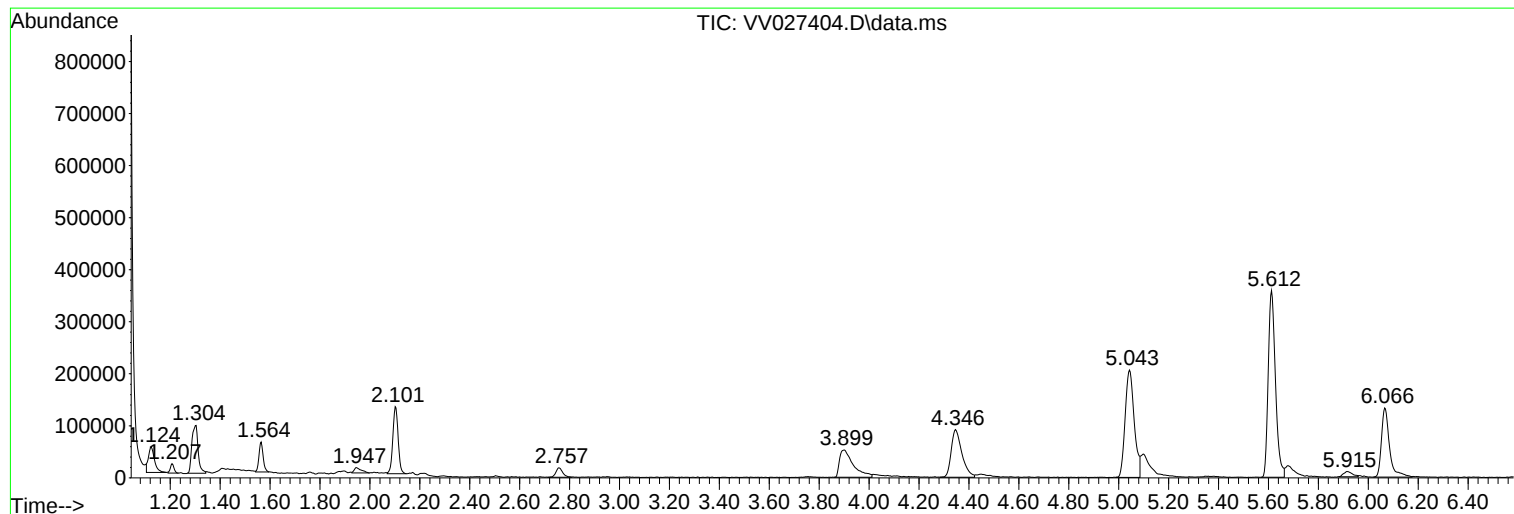
Sum of corrected areas: 6686490

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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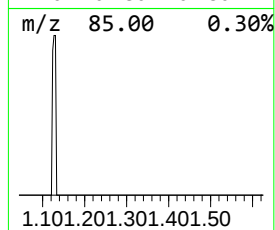
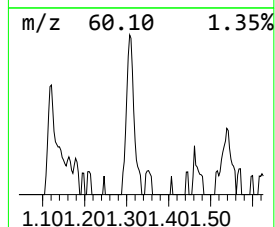
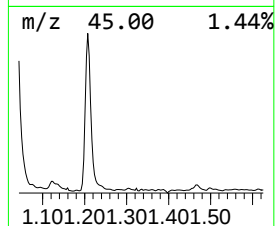
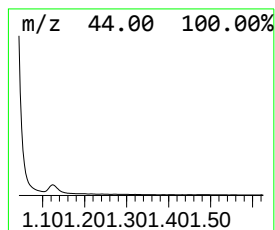
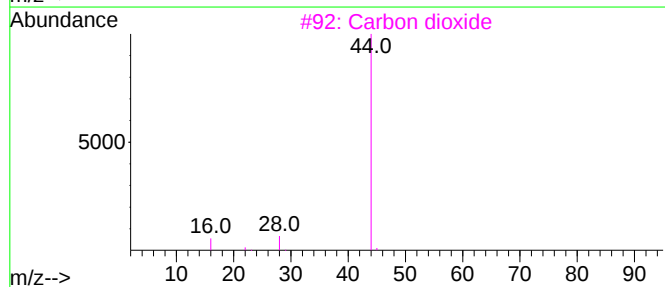
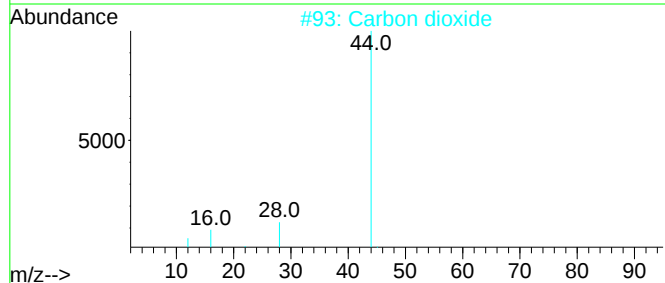
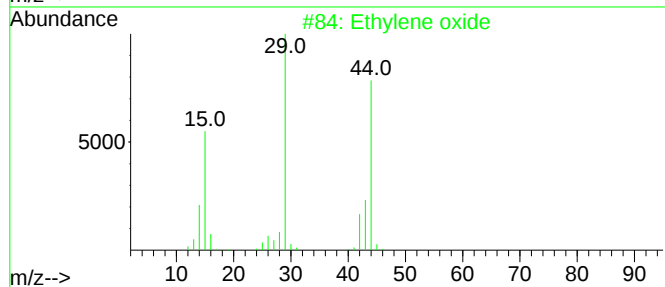
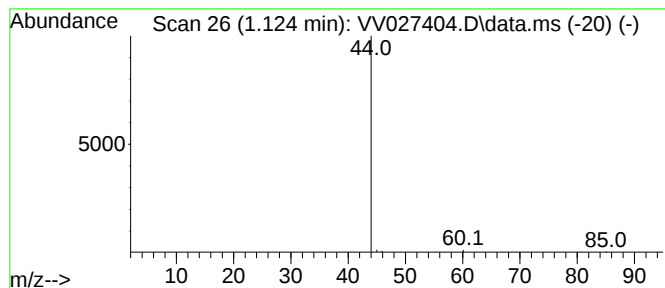
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Peak Number 1 Ethylene oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.124	0.57 ug/L	82227	1,4-Difluorobenzene	5.612

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethylene oxide	44	C2H4O	000075-21-8	3
2			Carbon dioxide	44	CO2	000124-38-9	3
3			Carbon dioxide	44	CO2	000124-38-9	3
4			Ethylene oxide	44	C2H4O	000075-21-8	3
5			Carbon dioxide	44	CO2	000124-38-9	3



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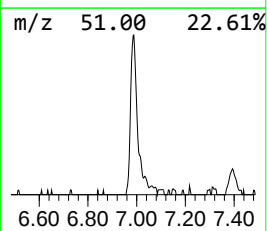
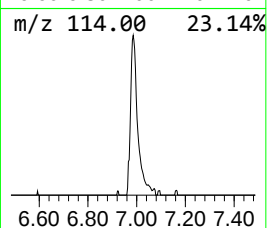
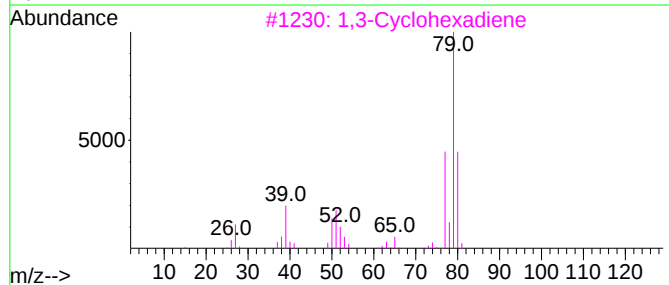
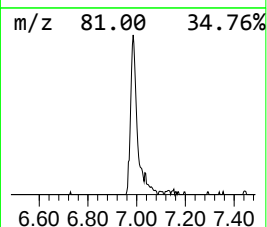
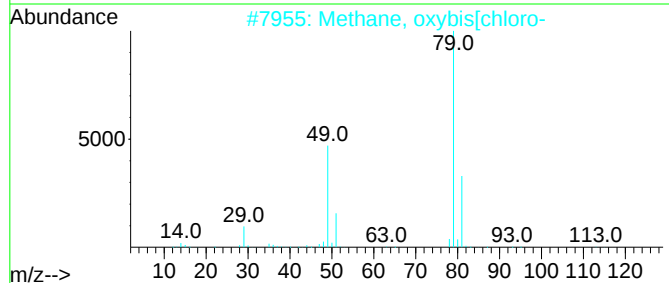
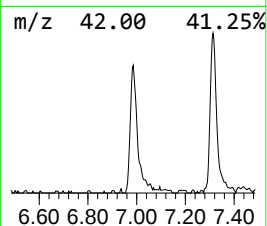
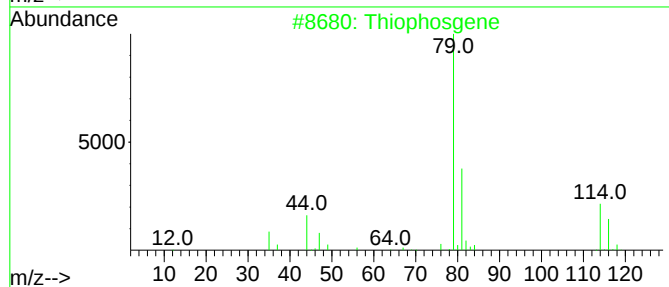
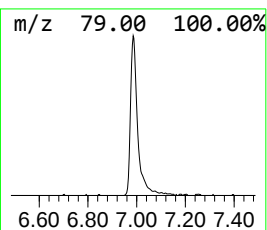
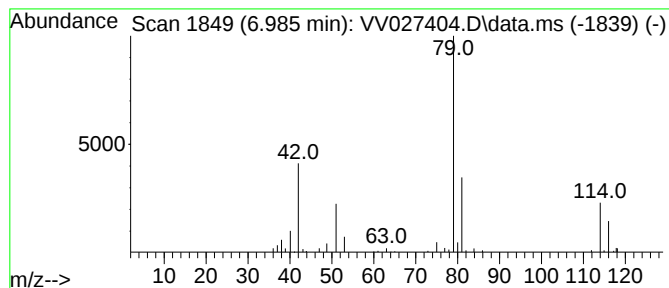
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Peak Number 2 Thiophosgene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.985	0.74 ug/L	107002	1,4-Difluorobenzene	5.612

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



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethylene oxide	1.124	0.6	ug/L	82227	1	5.612	724654	5.0
Thiophosgene	6.985	0.7	ug/L	107002	1	5.612	724654	5.0