

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062813.D
 Acq On : 16 Jan 2025 12:34
 Operator : MD/SY
 Sample : Q1071-18
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ82

Quant Time: Jan 16 22:05:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 22:02:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

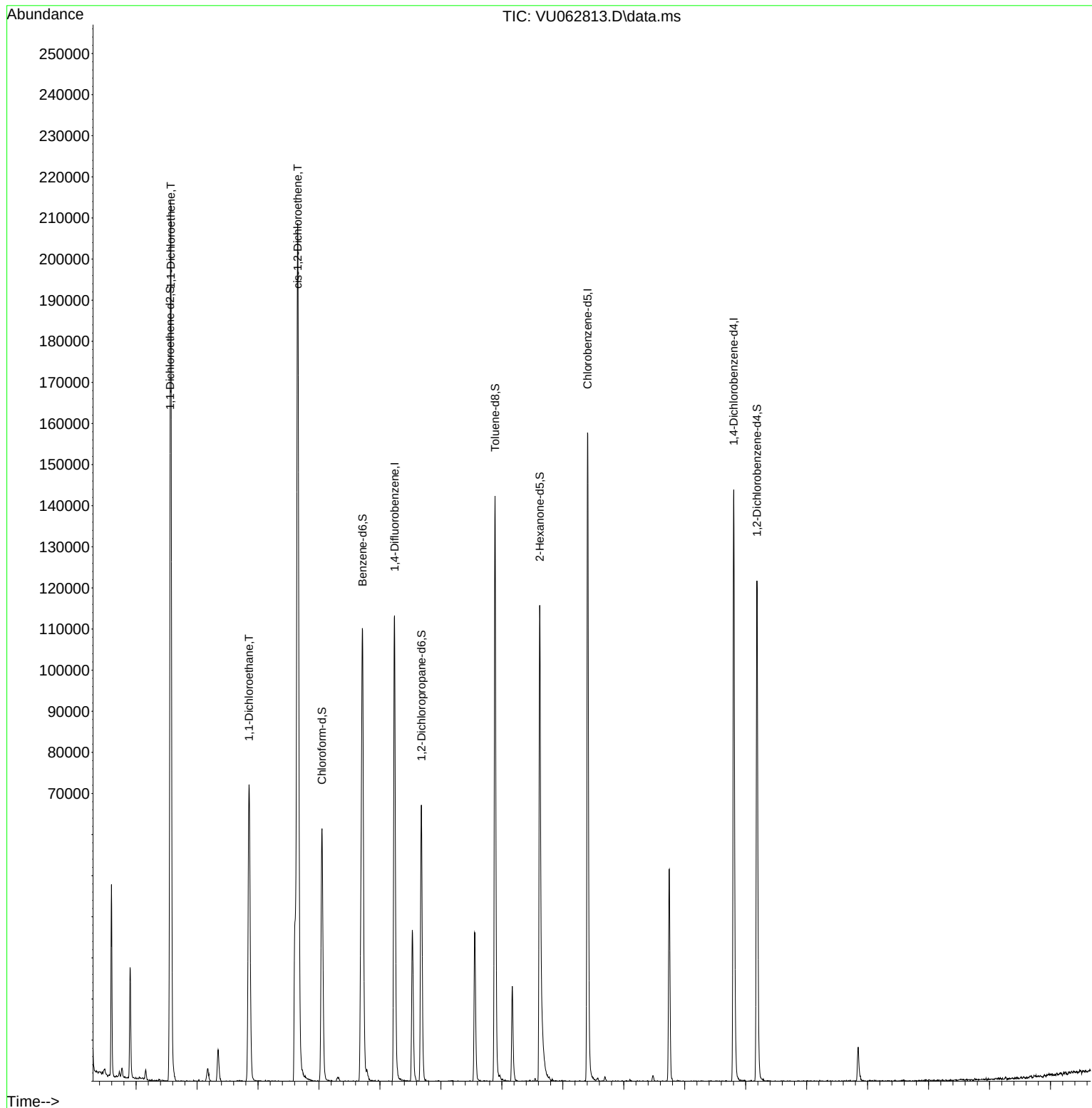
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	96044	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	90131	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22830	4.292	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.901	69	19804	4.628	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.557	65	12284	4.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.605	46	53528	49.236	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.480%
24) Chloroform-d	5.049	84	60490	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.689	65	34653	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.714	84	104863	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.679	67	29176	4.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.888	98	96660	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.171	79	14509	4.765	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.621	63	43300	45.214	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.420%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	24638	4.816	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	35083	4.970	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
5) Vinyl chloride	1.599	62	1446	0.209	ug/L #	71
12) 1,1-Dichloroethene	2.570	96	62080	10.412	ug/L #	83
18) trans-1,2-Dichloroethene	3.345	96	3441	0.539	ug/L	92
19) 1,1-Dichloroethane	3.853	63	79306	6.944	ug/L	96
22) cis-1,2-Dichloroethene	4.650	96	114497	16.460	ug/L	99
34) Trichloroethene	6.534	95	13110	1.482	ug/L	95

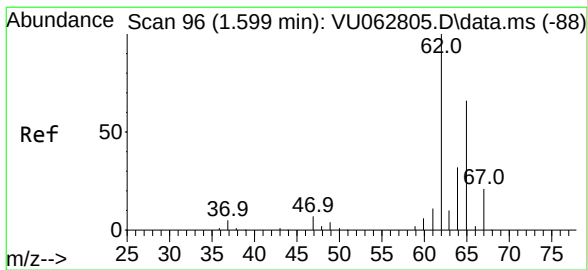
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#5

Vinyl chloride

Concen: 0.209 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU062813.D

Acq: 16 Jan 2025 12:34

Instrument :

MSVOA_U

ClientSampleId :

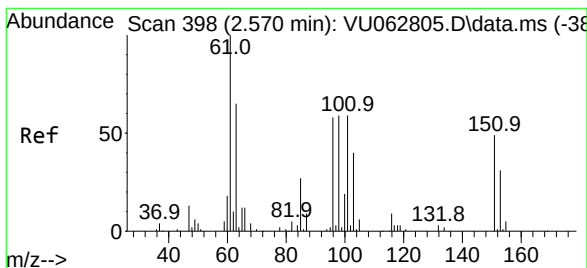
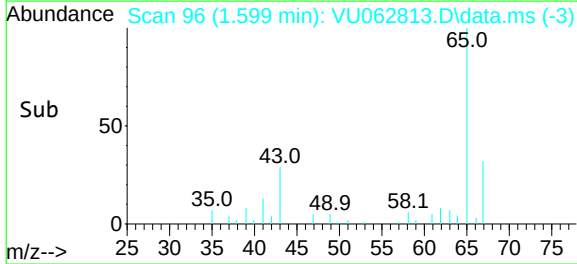
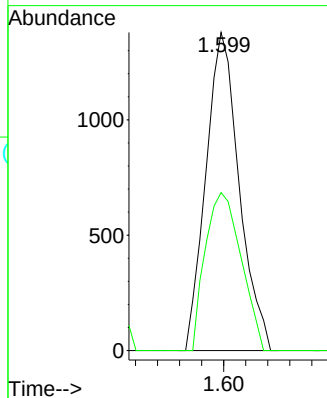
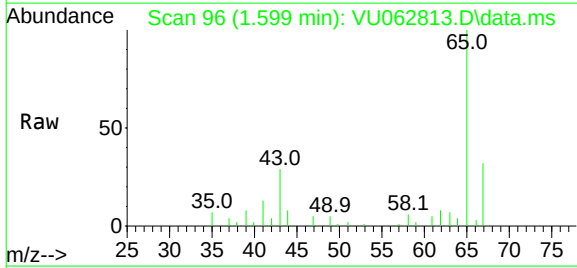
GCQ82

Tgt Ion: 62 Resp: 1446

Ion Ratio Lower Upper

62 100

64 49.7 23.4 43.4#



#12

1,1-Dichloroethene

Concen: 10.412 ug/L

RT: 2.570 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU062813.D

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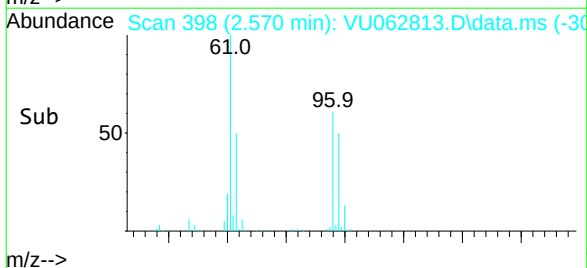
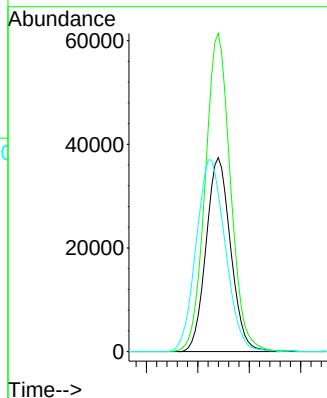
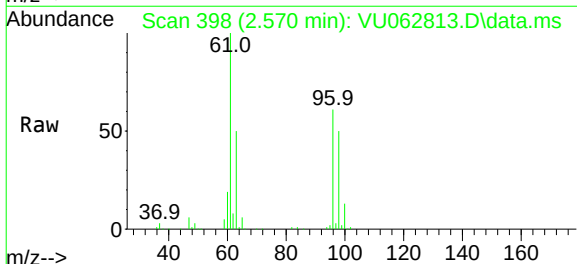
Tgt Ion: 96 Resp: 62080

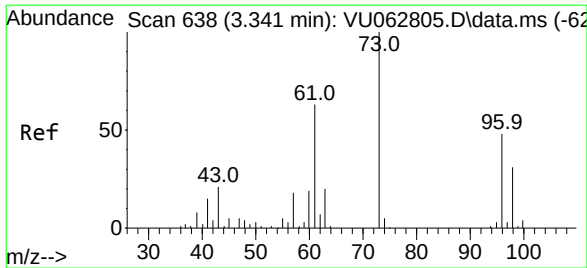
Ion Ratio Lower Upper

96 100

61 164.0 120.4 223.6

63 81.6 82.3 152.9#

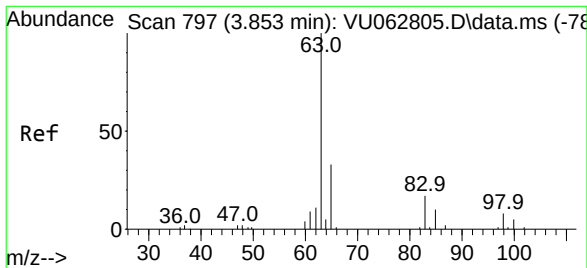
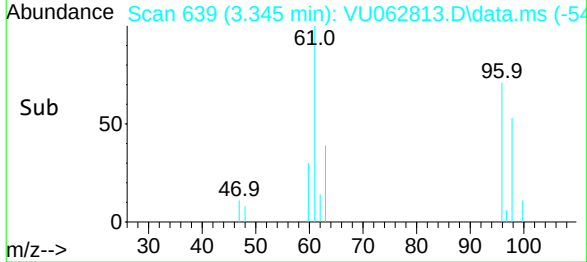
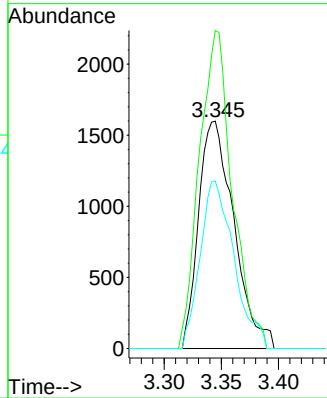
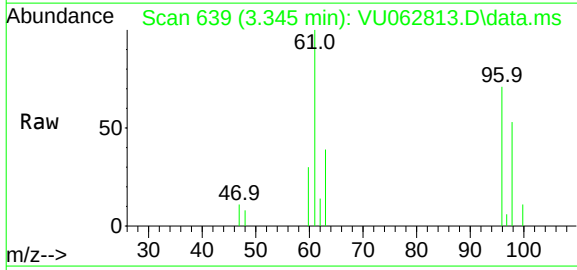




#18
trans-1,2-Dichloroethene
Concen: 0.539 ug/L
RT: 3.345 min Scan# 638
Delta R.T. 0.003 min
Lab File: VU062813.D
Acq: 16 Jan 2025 12:34

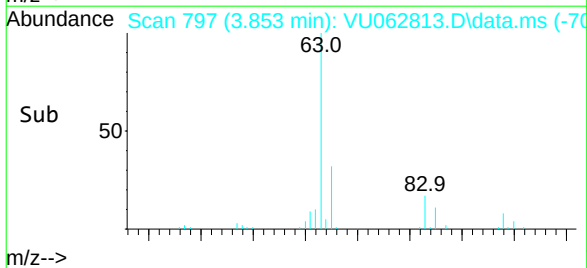
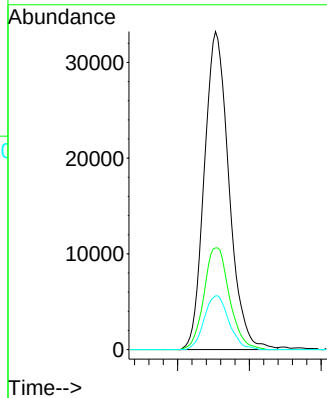
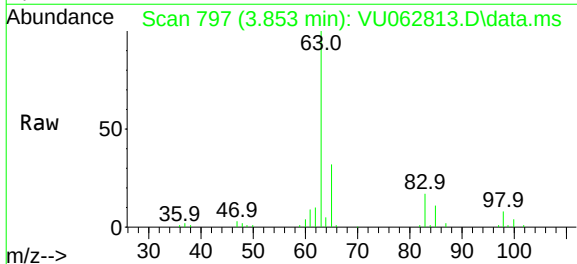
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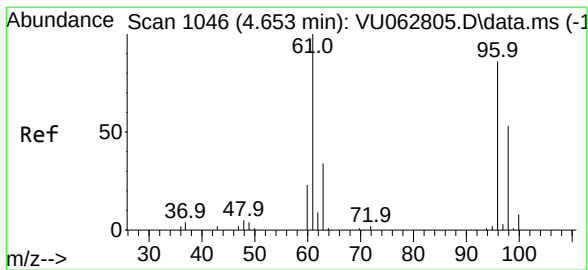
Tgt Ion:	96	Resp:	3441
Ion	Ratio	Lower	Upper
96	100		
61	139.9	94.4	175.2
98	73.7	42.8	79.4



#19
1,1-Dichloroethane
Concen: 6.944 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062813.D
Acq: 16 Jan 2025 12:34

Tgt Ion:	63	Resp:	79306
Ion	Ratio	Lower	Upper
63	100		
65	32.0	20.7	38.5
83	16.9	10.5	19.5

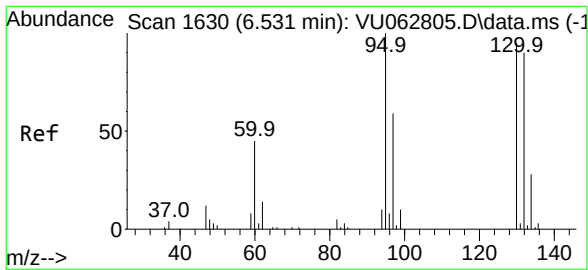
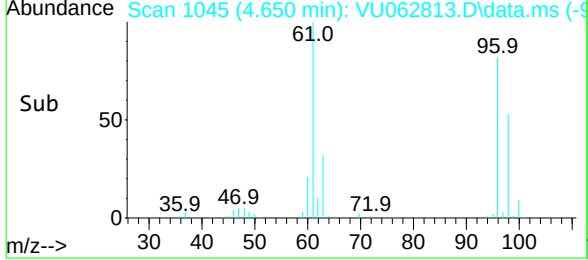
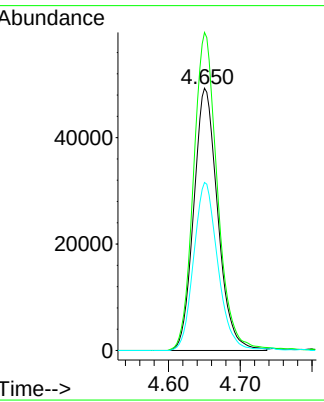
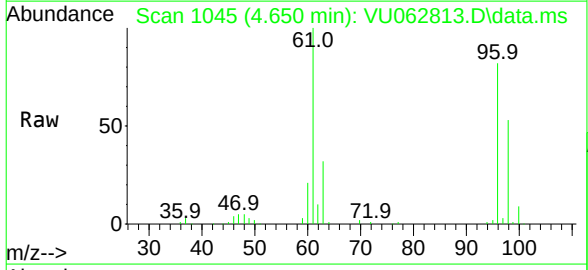




#22
 cis-1,2-Dichloroethene
 Concen: 16.460 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.003 min
 Lab File: VU062813.D
 Acq: 16 Jan 2025 12:34

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ82

Tgt Ion:	96	Resp:	114497
Ion	Ratio	Lower	Upper
96	100		
61	121.3	84.8	157.6
98	64.1	43.1	80.1



#34
 Trichloroethene
 Concen: 1.482 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.003 min
 Lab File: VU062813.D
 Acq: 16 Jan 2025 12:34

Tgt Ion:	95	Resp:	13110
Ion	Ratio	Lower	Upper
95	100		
97	63.7	47.5	88.3
132	91.9	66.9	124.3
130	105.2	68.6	127.4

