

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057525.D
 Acq On : 15 Jan 2024 13:23
 Operator : MD/SY
 Sample : P1120-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGWJ0

Quant Time: Jan 16 00:34:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 00:31:32 2024
 Response via : Initial Calibration

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

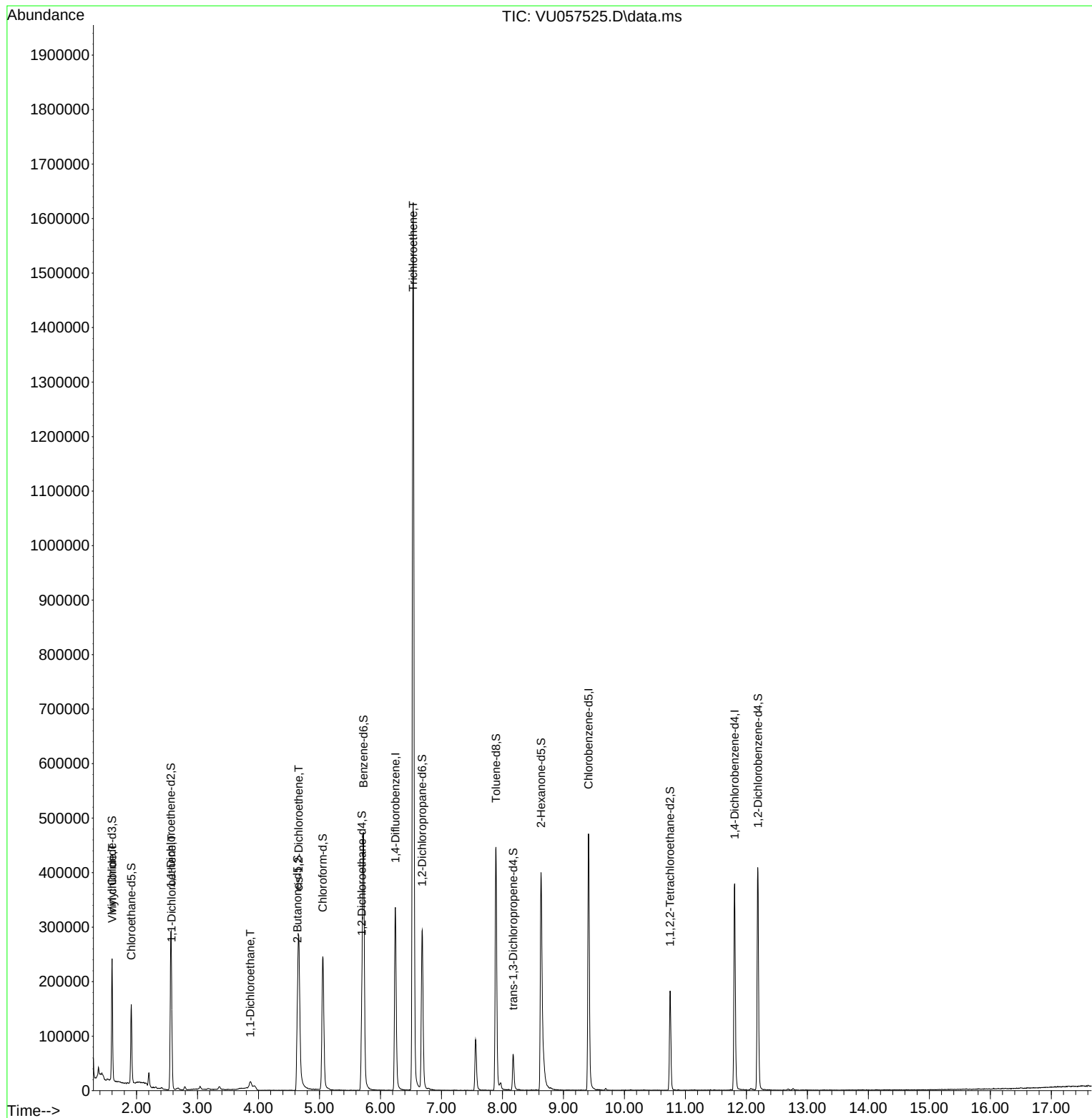
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	262134	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	273442	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	98701	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	126040	4.739	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.800%	
7) Chloroethane-d5	1.914	69	107628	5.201	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.000%	
11) 1,1-Dichloroethene-d2	2.563	65	53432	4.751	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.000%	
20) 2-Butanone-d5	4.640	46	212517	42.245	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	84.480%	
24) Chloroform-d	5.055	84	233727	5.086	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
26) 1,2-Dichloroethane-d4	5.695	65	114338	5.166	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.400%	
32) Benzene-d6	5.721	84	444575	4.458	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
36) 1,2-Dichloropropane-d6	6.682	67	143344	4.610	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.200%	
41) Toluene-d8	7.894	98	297337	3.532	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.600%	
43) trans-1,3-Dichloroprop...	8.177	79	39964	3.697	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.000%	
46) 2-Hexanone-d5	8.634	63	132985	33.976	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	67.960%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	93743	4.463	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	106267	5.361	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.200%	
Target Compounds						
5) Vinyl chloride	1.602	62	38996	1.972	ug/L	100
12) 1,1-Dichloroethene	2.576	96	15278	0.998	ug/L	# 1
19) 1,1-Dichloroethane	3.866	63	12227	0.356	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	110867	6.265	ug/L	96
34) Trichloroethene	6.537	95	581697	27.563	ug/L	99

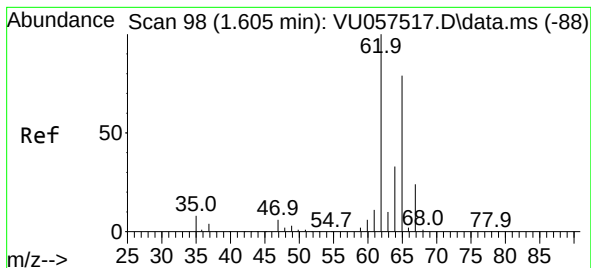
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 16 00:34:49 2024
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 16 00:31:32 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.972 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.003 min

Lab File: VU057525.D

Acq: 15 Jan 2024 13:23

Instrument :

MSVOA_U

ClientSampleId :

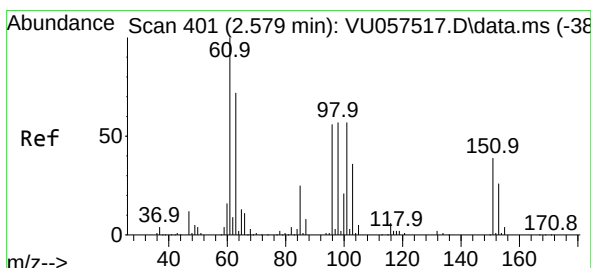
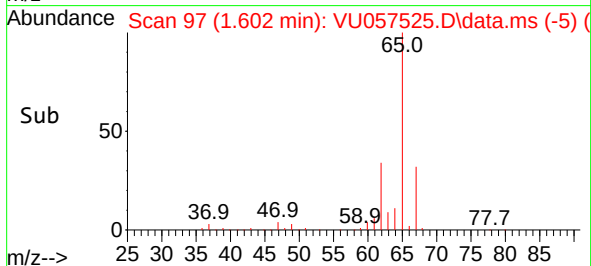
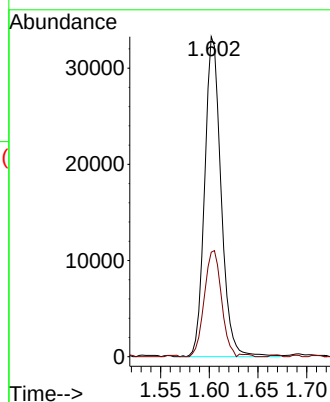
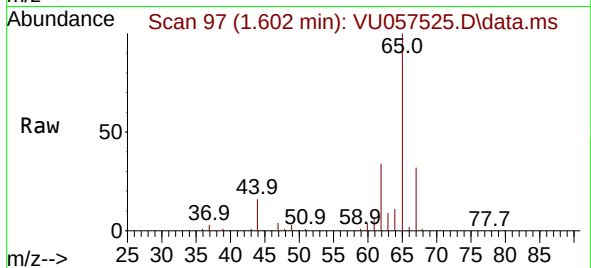
BGWJ0

Tgt Ion: 62 Resp: 38996

Ion Ratio Lower Upper

62 100

64 32.7 22.9 42.5



#12

1,1-Dichloroethene

Concen: 0.998 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.003 min

Lab File: VU057525.D

Acq: 15 Jan 2024 13:23

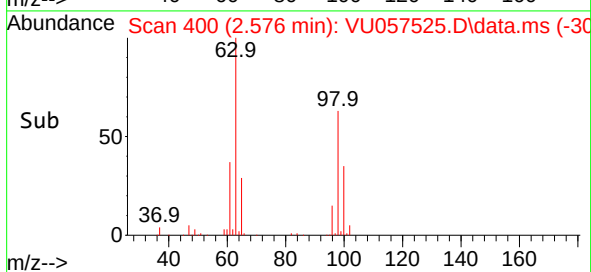
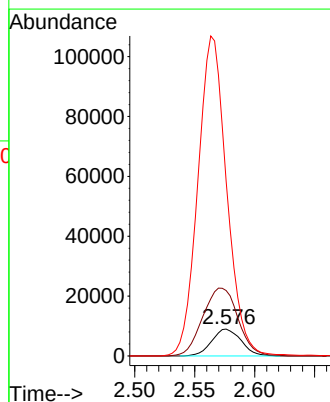
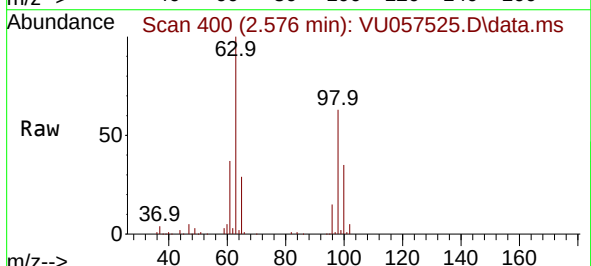
Tgt Ion: 96 Resp: 15278

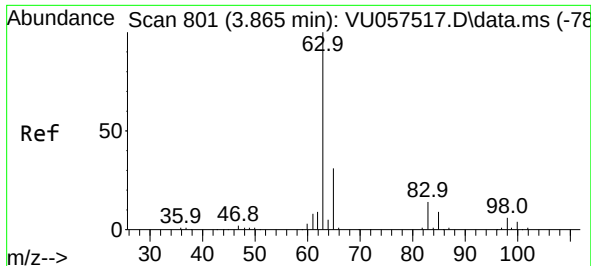
Ion Ratio Lower Upper

96 100

61 244.1 130.9 243.1#

63 652.3 114.8 213.2#





#19

1,1-Dichloroethane

Concen: 0.356 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU057525.D

Acq: 15 Jan 2024 13:23

Instrument :

MSVOA_U

ClientSampleId :

BGWJ0

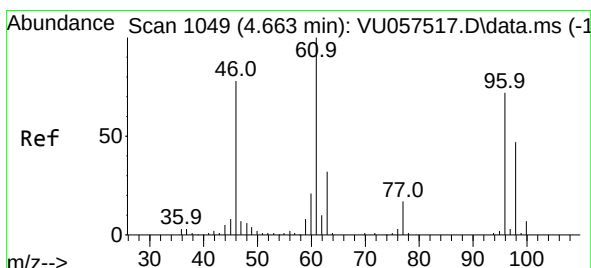
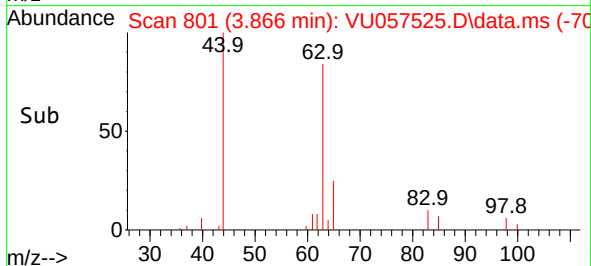
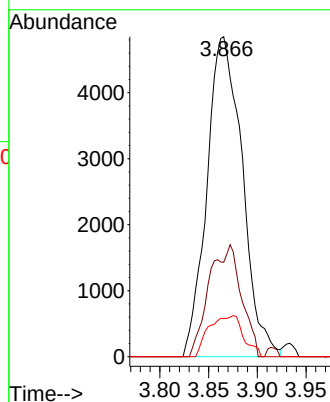
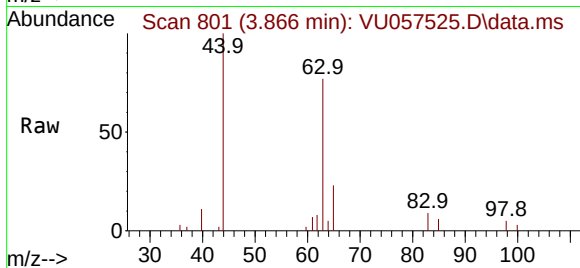
Tgt Ion: 63 Resp: 12227

Ion Ratio Lower Upper

63 100

65 29.5 22.3 41.3

83 11.9 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 6.265 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU057525.D

Acq: 15 Jan 2024 13:23

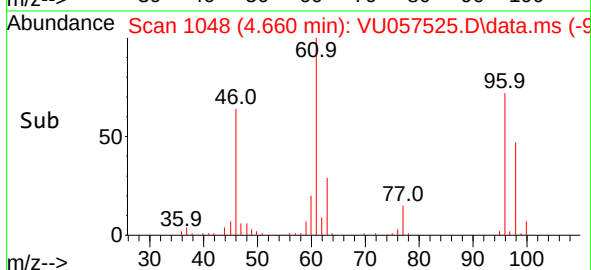
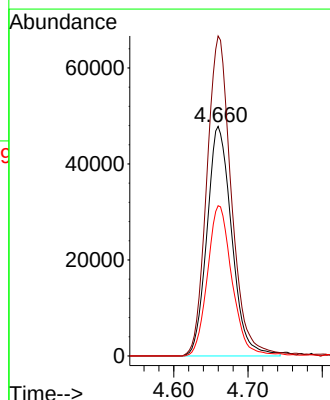
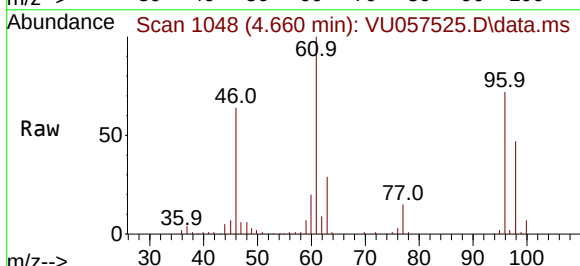
Tgt Ion: 96 Resp: 110867

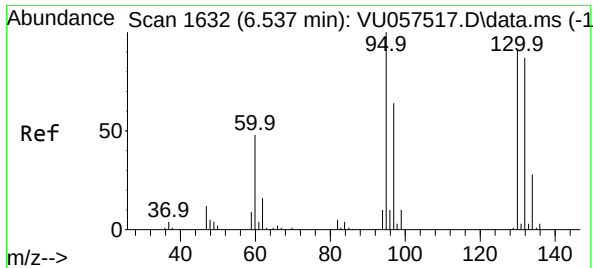
Ion Ratio Lower Upper

96 100

61 139.4 93.4 173.4

98 65.5 44.9 83.3





#34
 Trichloroethene
 Concen: 27.563 ug/L
 RT: 6.537 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU057525.D
 Acq: 15 Jan 2024 13:23

Instrument :
 MSVOA_U
 ClientSampleId :
 BGWJ0

Tgt Ion: 95	Resp: 581697
Ion Ratio	Lower Upper
95 100	
97 63.8	45.0 83.6
132 86.4	61.7 114.5
130 91.3	63.1 117.3

