

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056767.D
 Acq On : 12 Dec 2023 05:48
 Operator : MD/SY
 Sample : 05675-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AC0

Quant Time: Dec 12 06:35:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 02:01:50 2023
 Response via : Initial Calibration

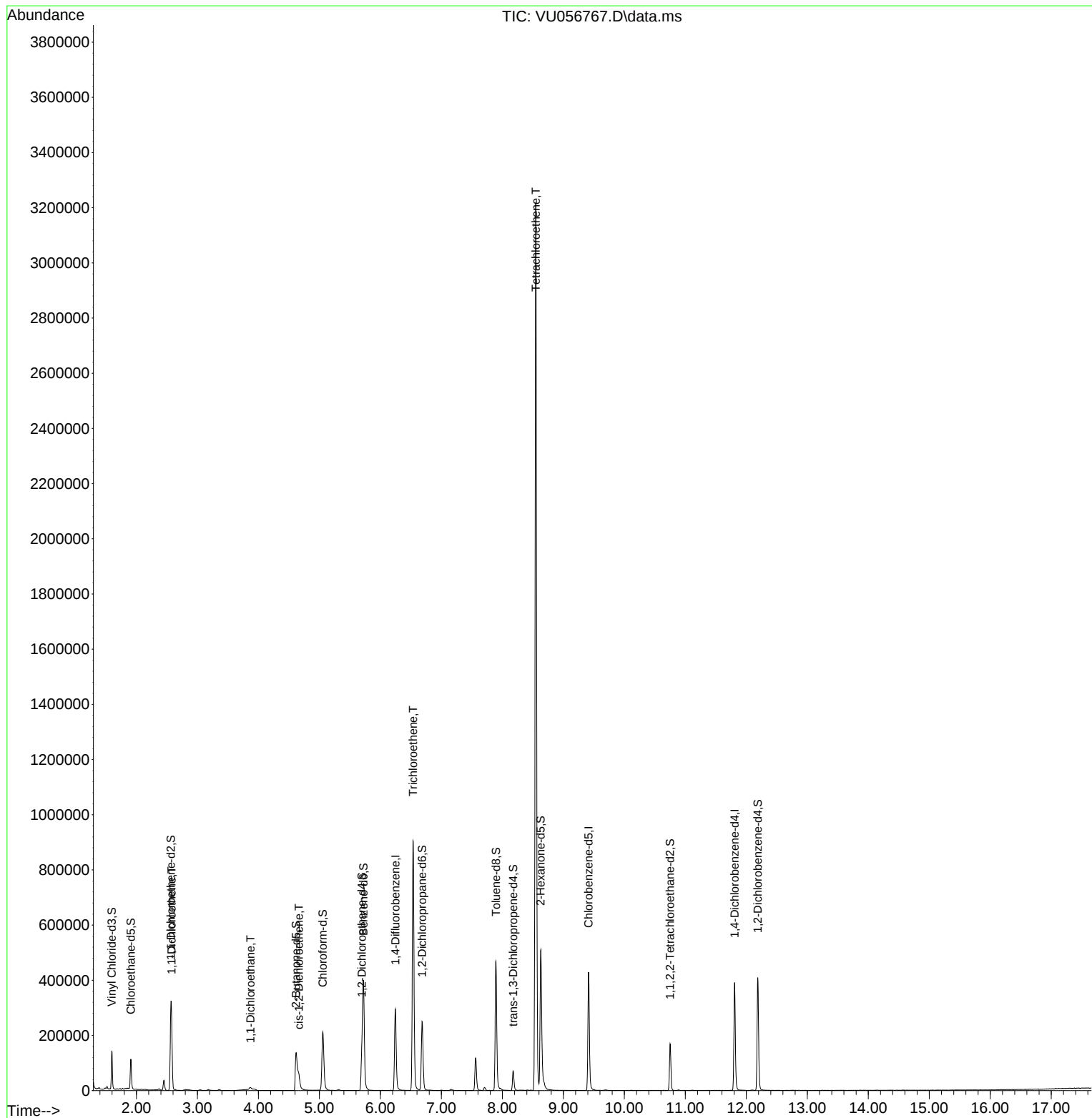
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	243060	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	250183	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	101621	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	99734	4.787	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.800%	
7) Chloroethane-d5	1.908	69	83453	5.353	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.000%	
11) 1,1-Dichloroethene-d2	2.564	65	44182	4.956	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.200%	
20) 2-Butanone-d5	4.618	46	216764	52.683	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.360%	
24) Chloroform-d	5.055	84	202270	5.127	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
26) 1,2-Dichloroethane-d4	5.695	65	97972	5.248	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
32) Benzene-d6	5.721	84	384427	4.954	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.682	67	125476	5.166	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.400%	
41) Toluene-d8	7.895	98	329674	4.753	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
43) trans-1,3-Dichloroprop...	8.178	79	43875	4.658	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.200%	
46) 2-Hexanone-d5	8.628	63	175527	49.409	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.820%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	86122	4.901	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	110484	5.531	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.600%	
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	56004	2.838	ug/L	82
19) 1,1-Dichloroethane	3.869	63	7948	0.207	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	21543	0.990	ug/L	93
34) Trichloroethene	6.534	95	324539	13.456	ug/L	98
47) Tetrachloroethene	8.547	164	682373	40.426	ug/L	98

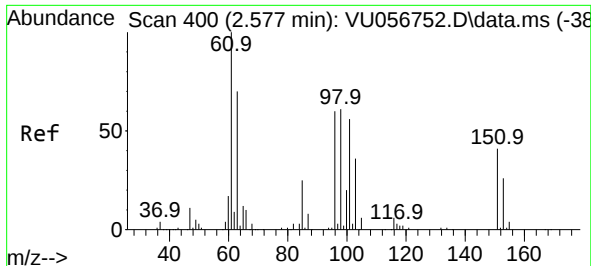
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.838 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

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Acq: 12 Dec 2023 05:48

Instrument :

MSVOA_U

ClientSampleId :

H0AC0

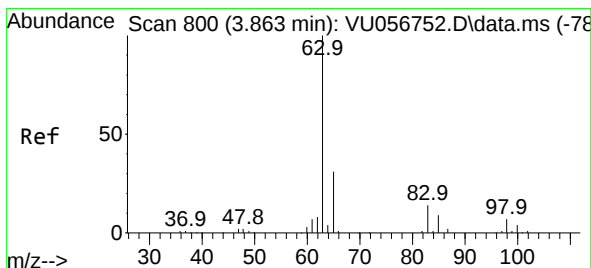
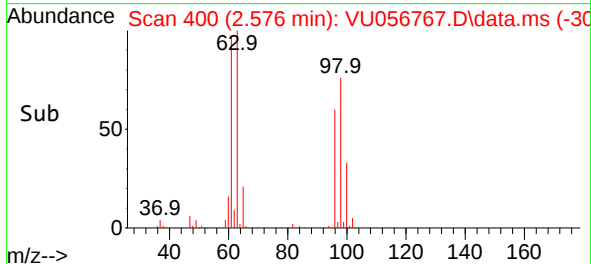
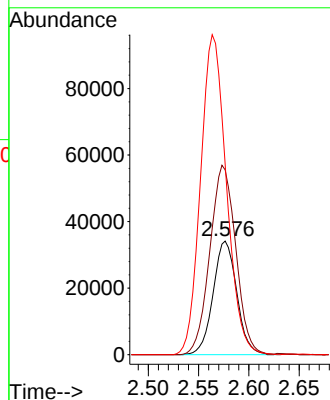
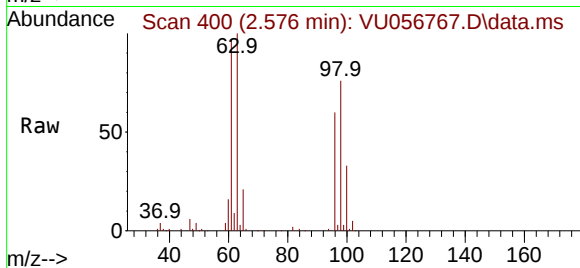
Tgt Ion: 96 Resp: 56004

Ion Ratio Lower Upper

96 100

61 162.5 119.0 221.0

63 167.5 88.7 164.7#



#19

1,1-Dichloroethane

Concen: 0.207 ug/L

RT: 3.869 min Scan# 802

Delta R.T. 0.006 min

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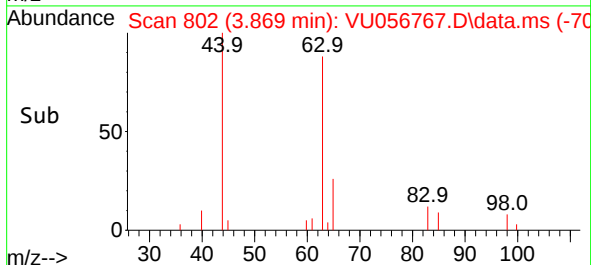
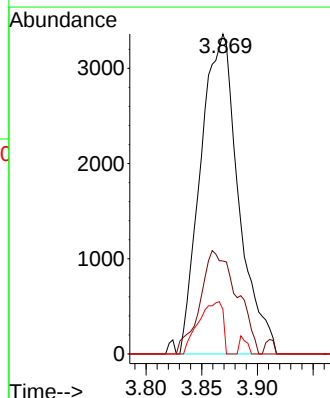
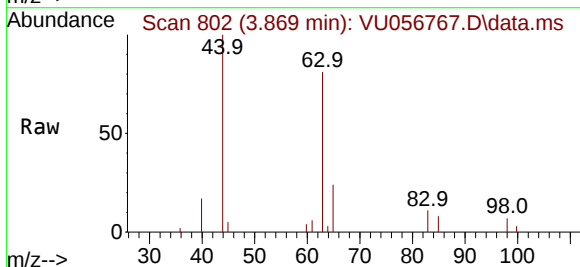
Tgt Ion: 63 Resp: 7948

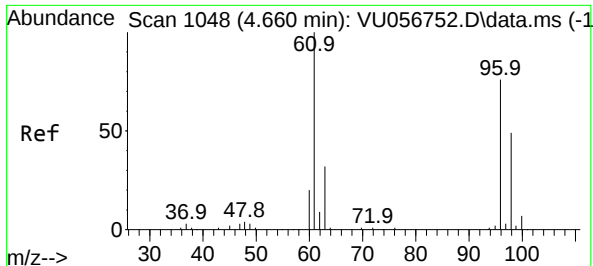
Ion Ratio Lower Upper

63 100

65 29.1 22.9 42.5

83 14.0 10.1 18.9

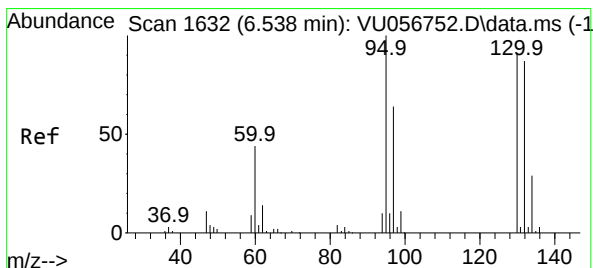
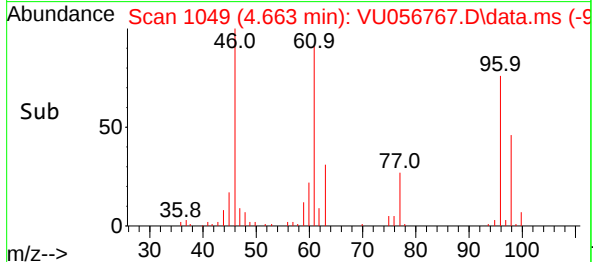
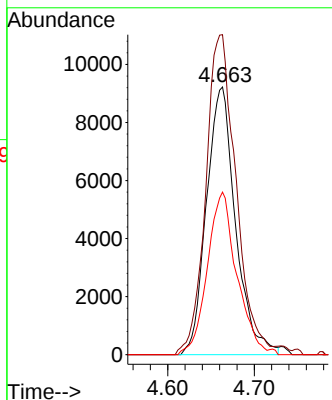
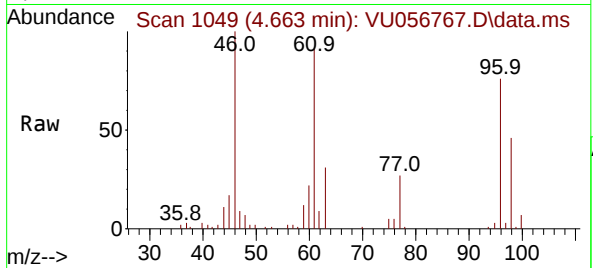




#22
 cis-1,2-Dichloroethene
 Concen: 0.990 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU056767.D
 Acq: 12 Dec 2023 05:48

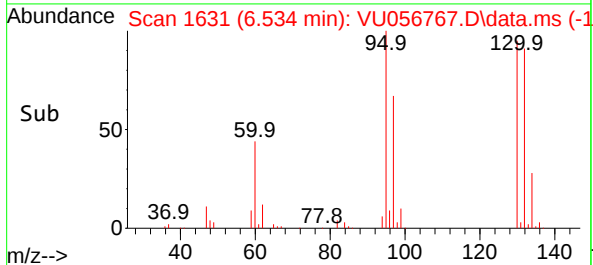
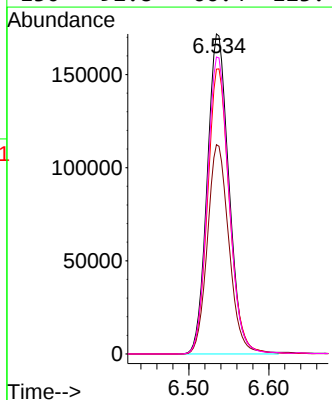
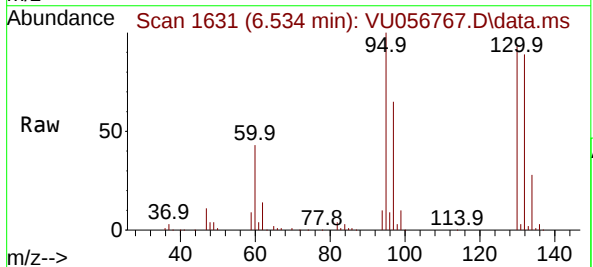
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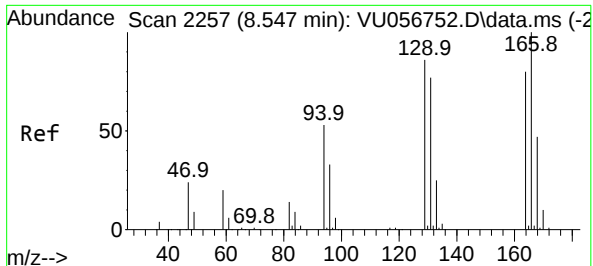
Tgt Ion: 96 Resp: 21543
 Ion Ratio Lower Upper
 96 100
 61 119.5 91.3 169.6
 98 60.7 44.2 82.0



#34
 Trichloroethene
 Concen: 13.456 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. -0.003 min
 Lab File: VU056767.D
 Acq: 12 Dec 2023 05:48

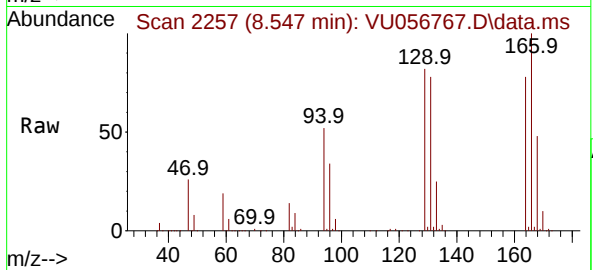
Tgt Ion: 95 Resp: 324539
 Ion Ratio Lower Upper
 95 100
 97 65.4 46.1 85.5
 132 89.0 63.6 118.0
 130 92.8 66.4 123.4





#47
 Tetrachloroethene
 Concen: 40.426 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU056767.D
 Acq: 12 Dec 2023 05:48

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AC0



Tgt Ion:164 Resp: 682373

Ion	Ratio	Lower	Upper
164	100		
129	105.1	73.4	136.4
131	101.2	71.5	132.9
166	128.9	92.7	172.1

