

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056761.D
 Acq On : 12 Dec 2023 03:23
 Operator : MD/SY
 Sample : 05675-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB2

Quant Time: Dec 12 05:04:32 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

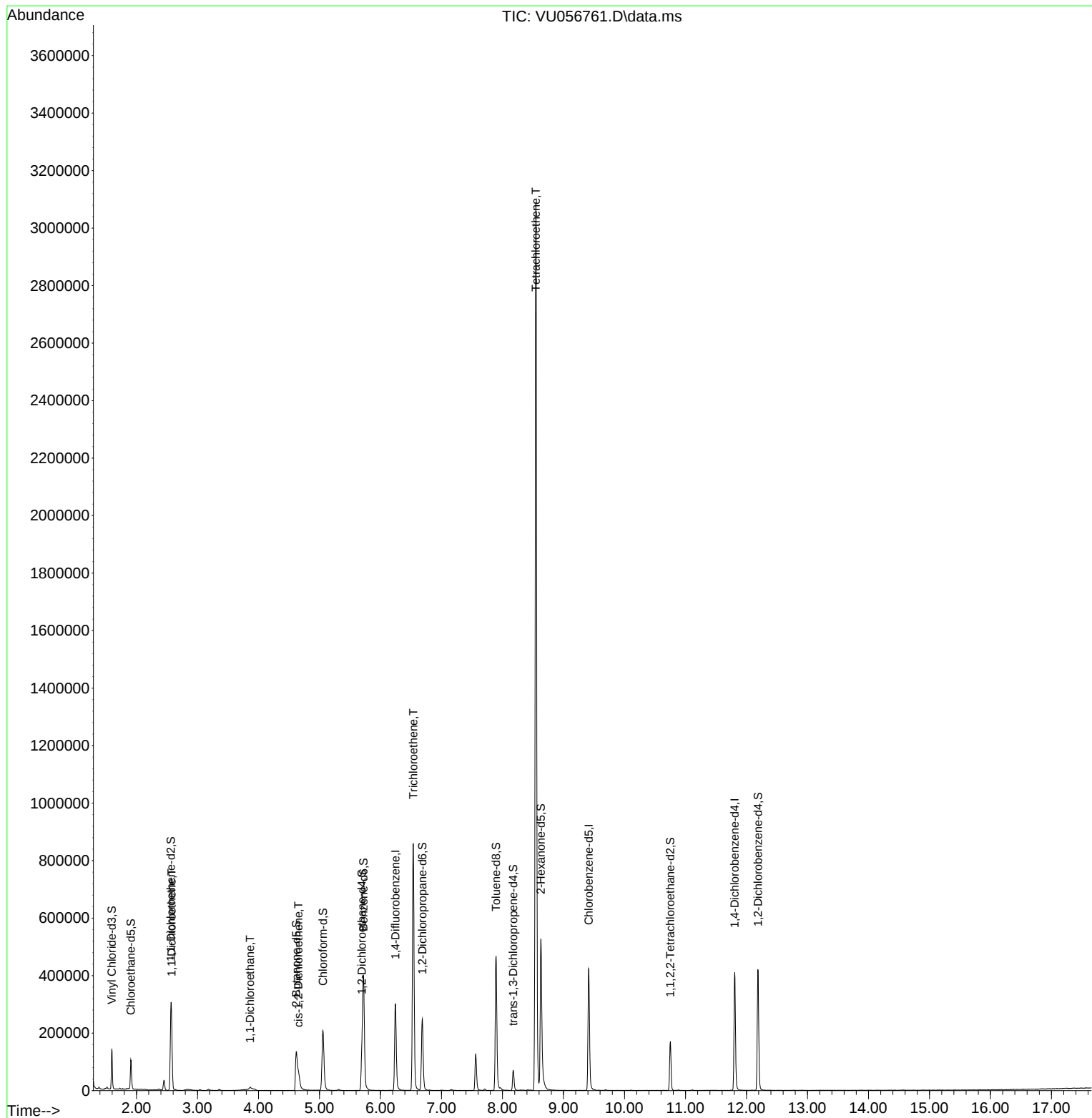
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	249765	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	256251	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	109559	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	97733	4.565	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.400%	
7) Chloroethane-d5	1.907	69	73427	4.583	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.600%	
11) 1,1-Dichloroethene-d2	2.563	65	44468	4.855	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.000%	
20) 2-Butanone-d5	4.618	46	222008	52.509	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.020%	
24) Chloroform-d	5.055	84	199024	4.909	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.695	65	99364	5.179	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.600%	
32) Benzene-d6	5.721	84	393141	4.946	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.685	67	123852	4.978	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.894	98	336151	4.732	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
43) trans-1,3-Dichloroprop...	8.177	79	43707	4.530	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.600%	
46) 2-Hexanone-d5	8.631	63	183710	50.488	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.980%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	88318	4.907	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	110831	5.146	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.000%	
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	48400	2.387	ug/L #	76
19) 1,1-Dichloroethane	3.862	63	8002	0.202	ug/L #	89
22) cis-1,2-Dichloroethene	4.657	96	17656	0.789	ug/L	92
34) Trichloroethene	6.537	95	309959	12.547	ug/L	98
47) Tetrachloroethene	8.547	164	661940	38.287	ug/L	98

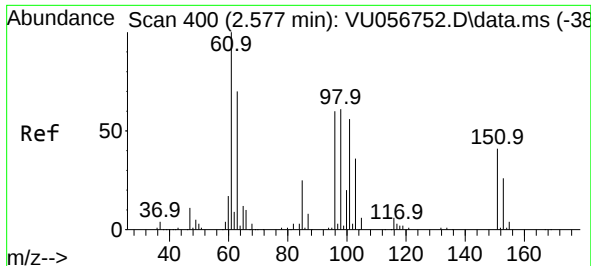
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.387 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU056761.D

Acq: 12 Dec 2023 03:23

Instrument :

MSVOA_U

ClientSampleId :

H0AB2

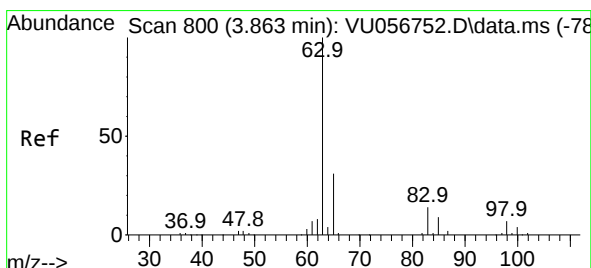
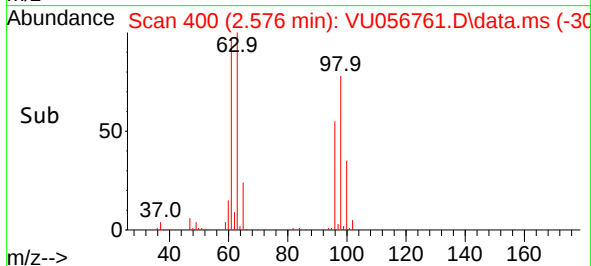
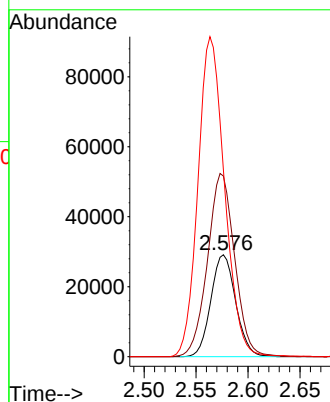
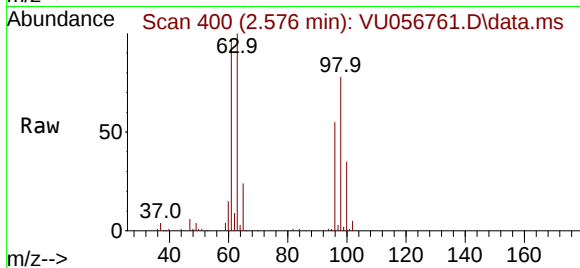
Tgt Ion: 96 Resp: 48400

Ion Ratio Lower Upper

96 100

61 177.3 119.0 221.0

63 183.2 88.7 164.7#



#19

1,1-Dichloroethane

Concen: 0.202 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU056761.D

Acq: 12 Dec 2023 03:23

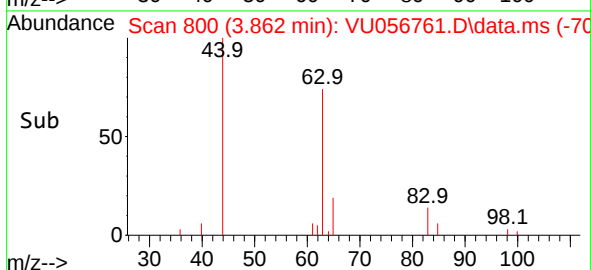
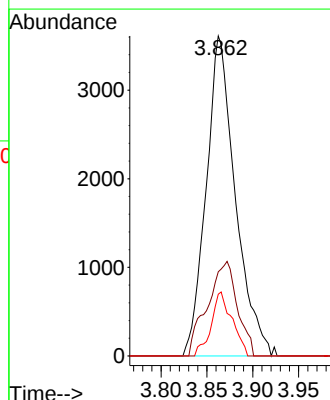
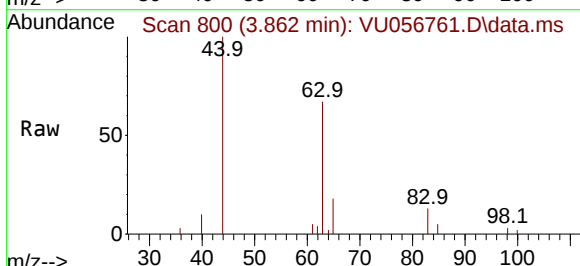
Tgt Ion: 63 Resp: 8002

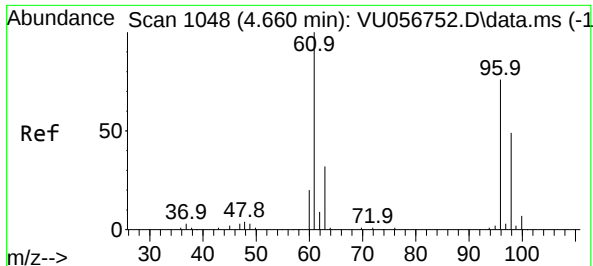
Ion Ratio Lower Upper

63 100

65 26.3 22.9 42.5

83 19.3 10.1 18.9#

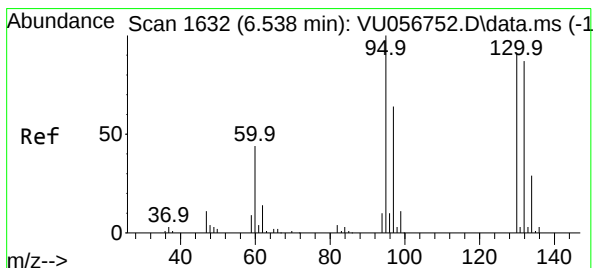
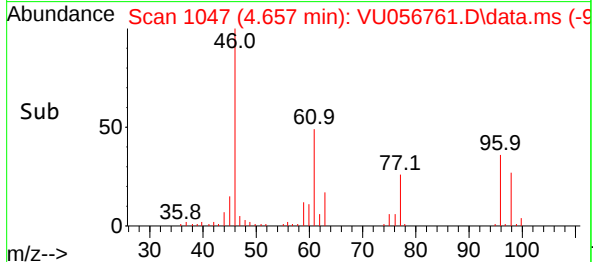
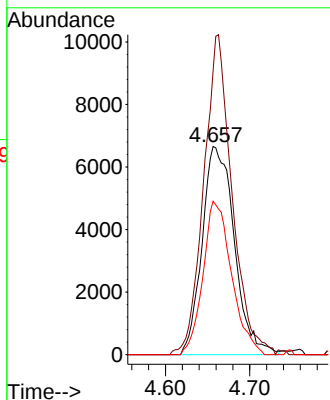
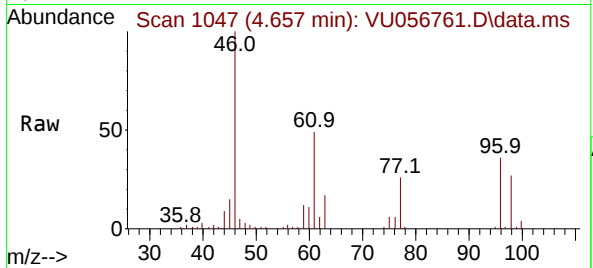




#22
 cis-1,2-Dichloroethene
 Concen: 0.789 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.004 min
 Lab File: VU056761.D
 Acq: 12 Dec 2023 03:23

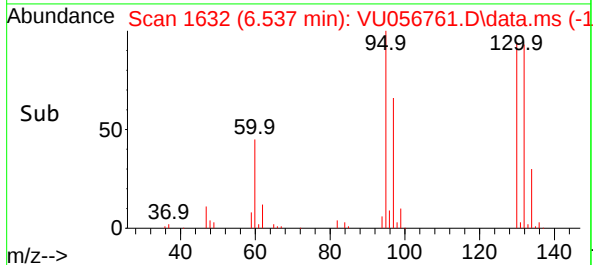
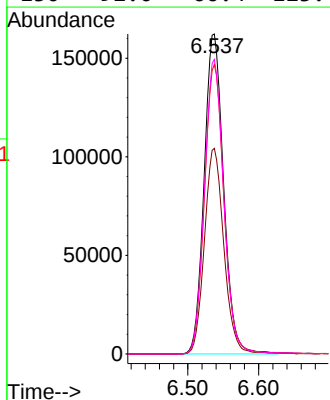
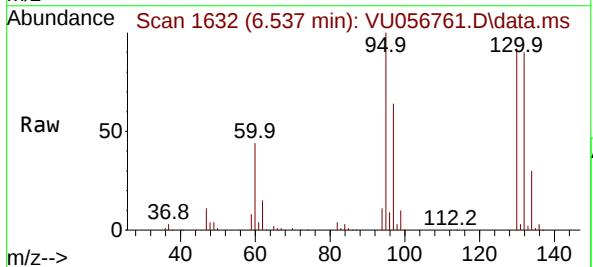
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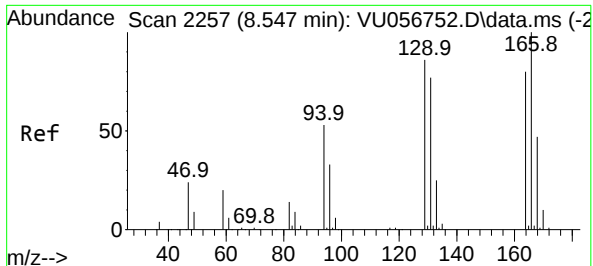
Tgt Ion: 96 Resp: 17656
 Ion Ratio Lower Upper
 96 100
 61 136.3 91.3 169.6
 98 73.7 44.2 82.0



#34
 Trichloroethene
 Concen: 12.547 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: VU056761.D
 Acq: 12 Dec 2023 03:23

Tgt Ion: 95 Resp: 309959
 Ion Ratio Lower Upper
 95 100
 97 64.2 46.1 85.5
 132 90.5 63.6 118.0
 130 92.0 66.4 123.4





#47
 Tetrachloroethene
 Concen: 38.287 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU056761.D
 Acq: 12 Dec 2023 03:23

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB2

Tgt Ion:164 Resp: 661940

Ion	Ratio	Lower	Upper
164	100		
129	104.9	73.4	136.4
131	100.3	71.5	132.9
166	127.9	92.7	172.1

