

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056754.D
 Acq On : 12 Dec 2023 00:34
 Operator : MD/SY
 Sample : 05675-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA0

Quant Time: Dec 12 05:02:42 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

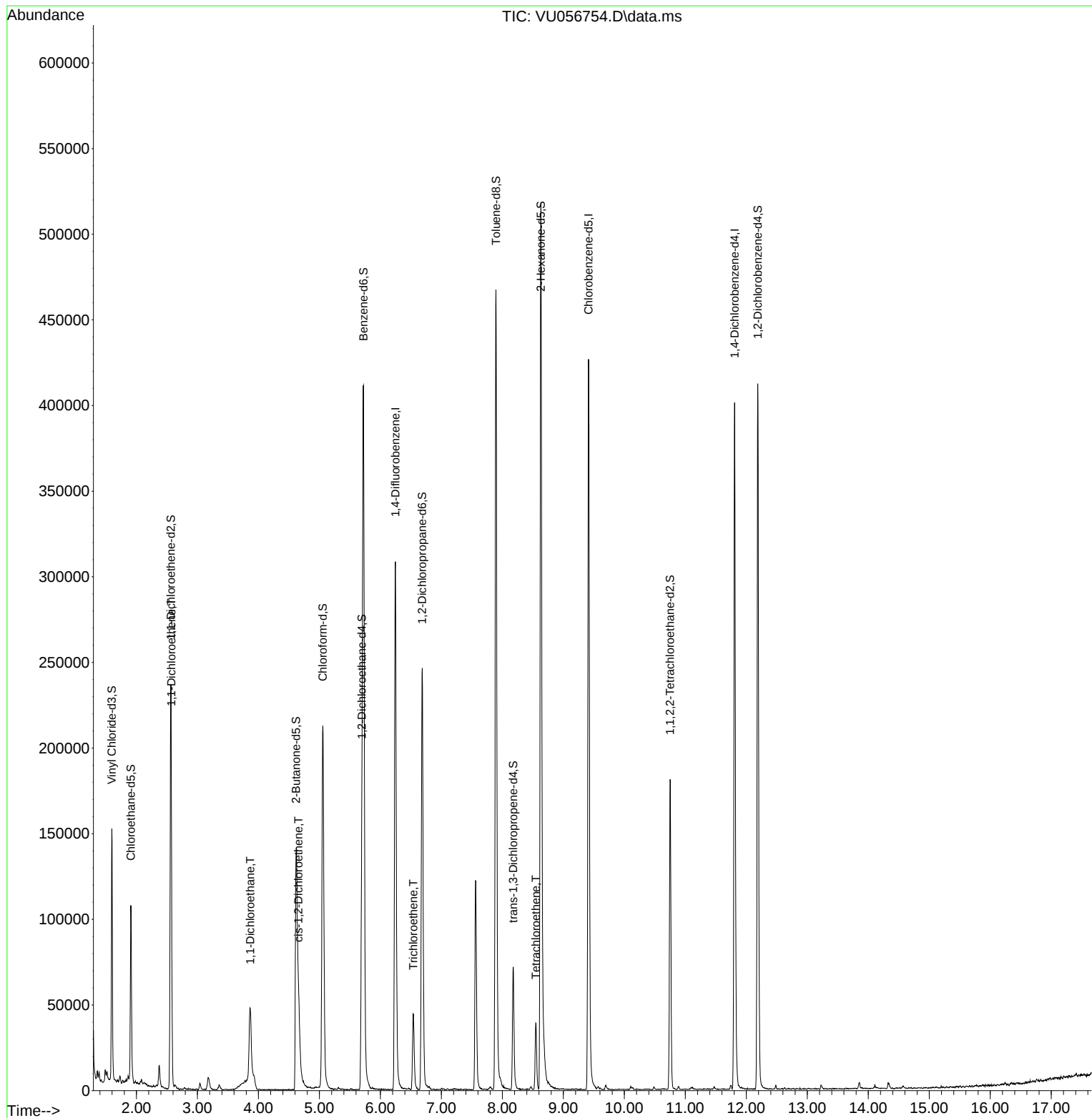
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	250081	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	253704	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	105975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	102821	4.797	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.000%	
7) Chloroethane-d5	1.907	69	74293	4.631	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.600%	
11) 1,1-Dichloroethene-d2	2.563	65	45332	4.943	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.800%	
20) 2-Butanone-d5	4.618	46	230190	54.376	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.760%	
24) Chloroform-d	5.055	84	203161	5.005	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
26) 1,2-Dichloroethane-d4	5.695	65	101471	5.283	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.600%	
32) Benzene-d6	5.721	84	391115	4.970	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.400%	
36) 1,2-Dichloropropane-d6	6.685	67	123325	5.007	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.200%	
41) Toluene-d8	7.894	98	330721	4.702	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
43) trans-1,3-Dichloroprop...	8.177	79	43888	4.595	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.631	63	181295	50.325	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.640%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	91125	5.113	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	107152	5.144	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.800%	
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	3872	0.191	ug/L #	1
19) 1,1-Dichloroethane	3.866	63	50266	1.269	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	14075	0.628	ug/L	87
34) Trichloroethene	6.541	95	15204	0.622	ug/L	95
47) Tetrachloroethene	8.550	164	8636	0.505	ug/L	99

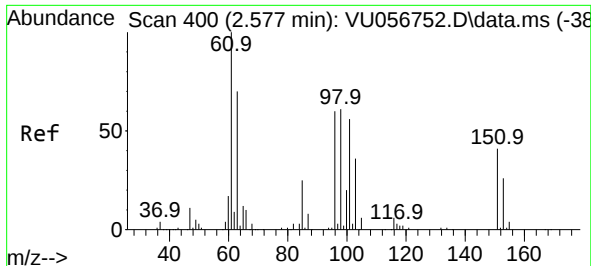
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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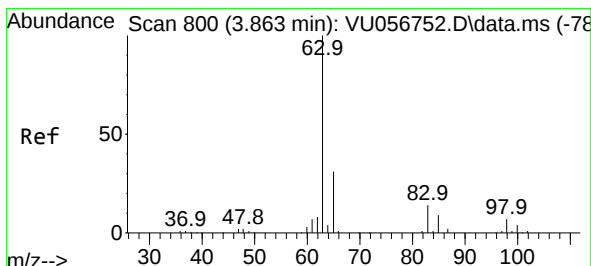
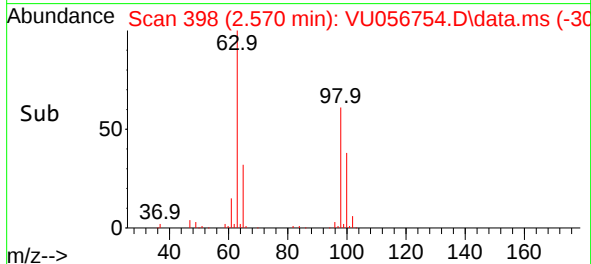
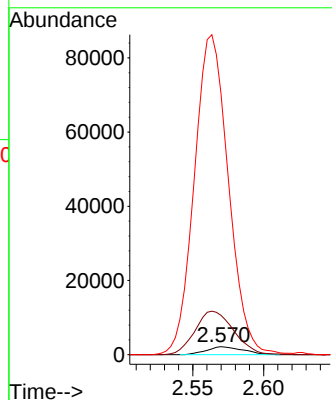
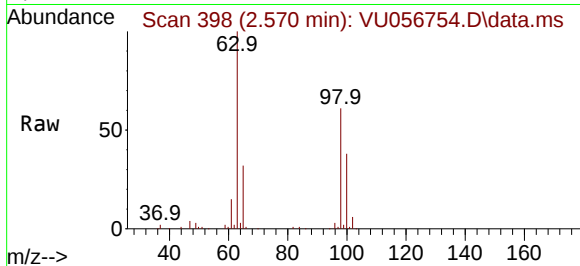




#12
1,1-Dichloroethene
Concen: 0.191 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.007 min
Lab File: VU056754.D
Acq: 12 Dec 2023 00:34

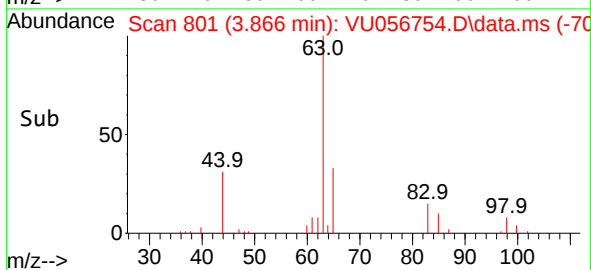
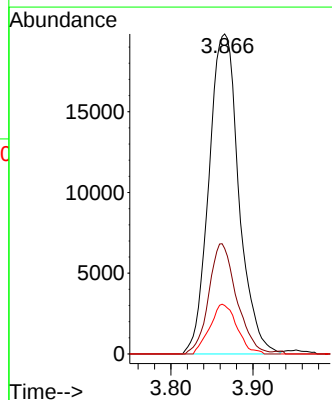
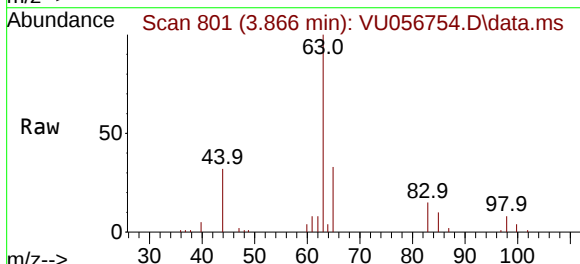
Instrument :
MSVOA_U
ClientSampleId :
H0AA0

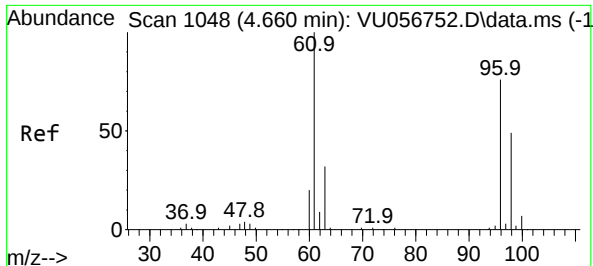
Tgt Ion: 96 Resp: 3872
Ion Ratio Lower Upper
96 100
61 495.3 119.0 221.0#
63 3286.3 88.7 164.7#



#19
1,1-Dichloroethane
Concen: 1.269 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU056754.D
Acq: 12 Dec 2023 00:34

Tgt Ion: 63 Resp: 50266
Ion Ratio Lower Upper
63 100
65 32.9 22.9 42.5
83 15.2 10.1 18.9





#22

cis-1,2-Dichloroethene

Concen: 0.628 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.004 min

Lab File: VU056754.D

Acq: 12 Dec 2023 00:34

Instrument :

MSVOA_U

ClientSampleId :

H0AA0

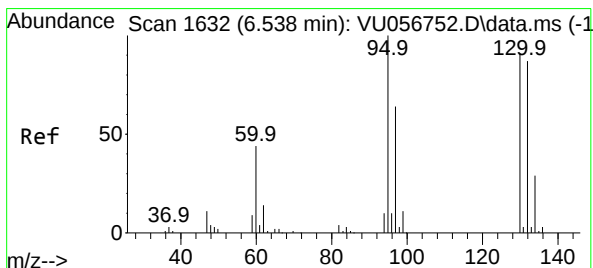
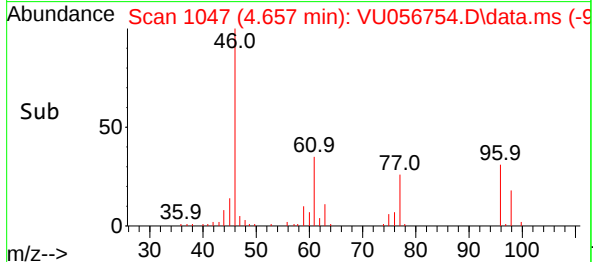
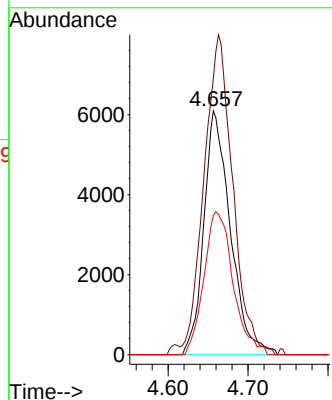
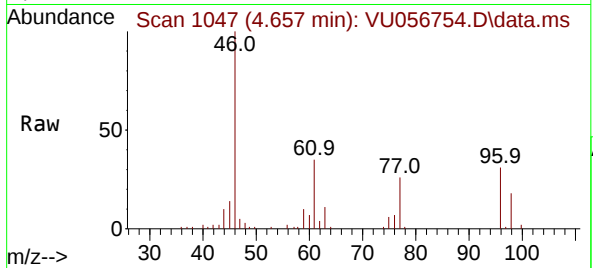
Tgt Ion: 96 Resp: 14075

Ion Ratio Lower Upper

96 100

61 113.2 91.3 169.6

98 57.1 44.2 82.0



#34

Trichloroethene

Concen: 0.622 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.003 min

Lab File: VU056754.D

Acq: 12 Dec 2023 00:34

Tgt Ion: 95 Resp: 15204

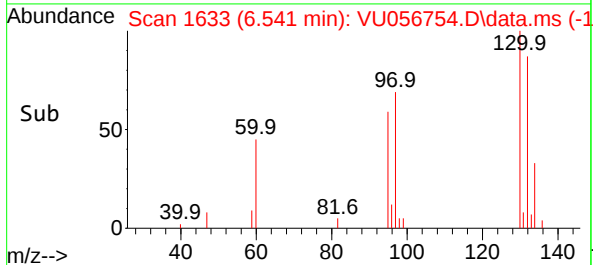
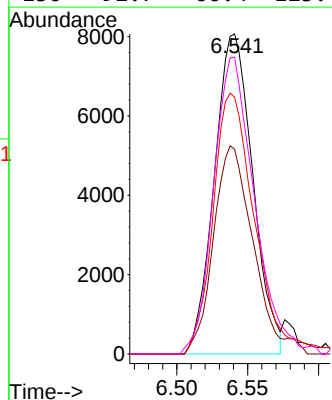
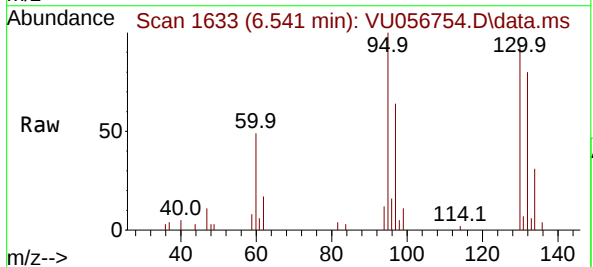
Ion Ratio Lower Upper

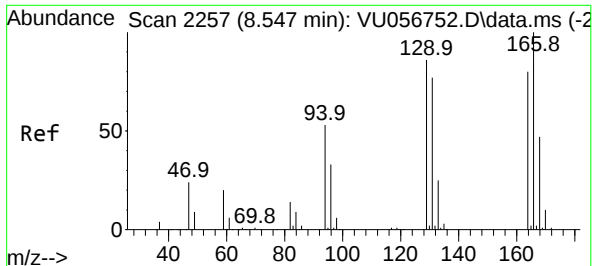
95 100

97 63.9 46.1 85.5

132 80.3 63.6 118.0

130 92.7 66.4 123.4





#47
 Tetrachloroethene
 Concen: 0.505 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU056754.D
 Acq: 12 Dec 2023 00:34

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA0

Tgt Ion:164 Resp: 8636

Ion	Ratio	Lower	Upper
164	100		
129	107.5	73.4	136.4
131	101.1	71.5	132.9
166	133.4	92.7	172.1

