

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056771.D
 Acq On : 12 Dec 2023 07:25
 Operator : MD/SY
 Sample : 05675-21
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD2

Quant Time: Dec 12 11:04:39 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

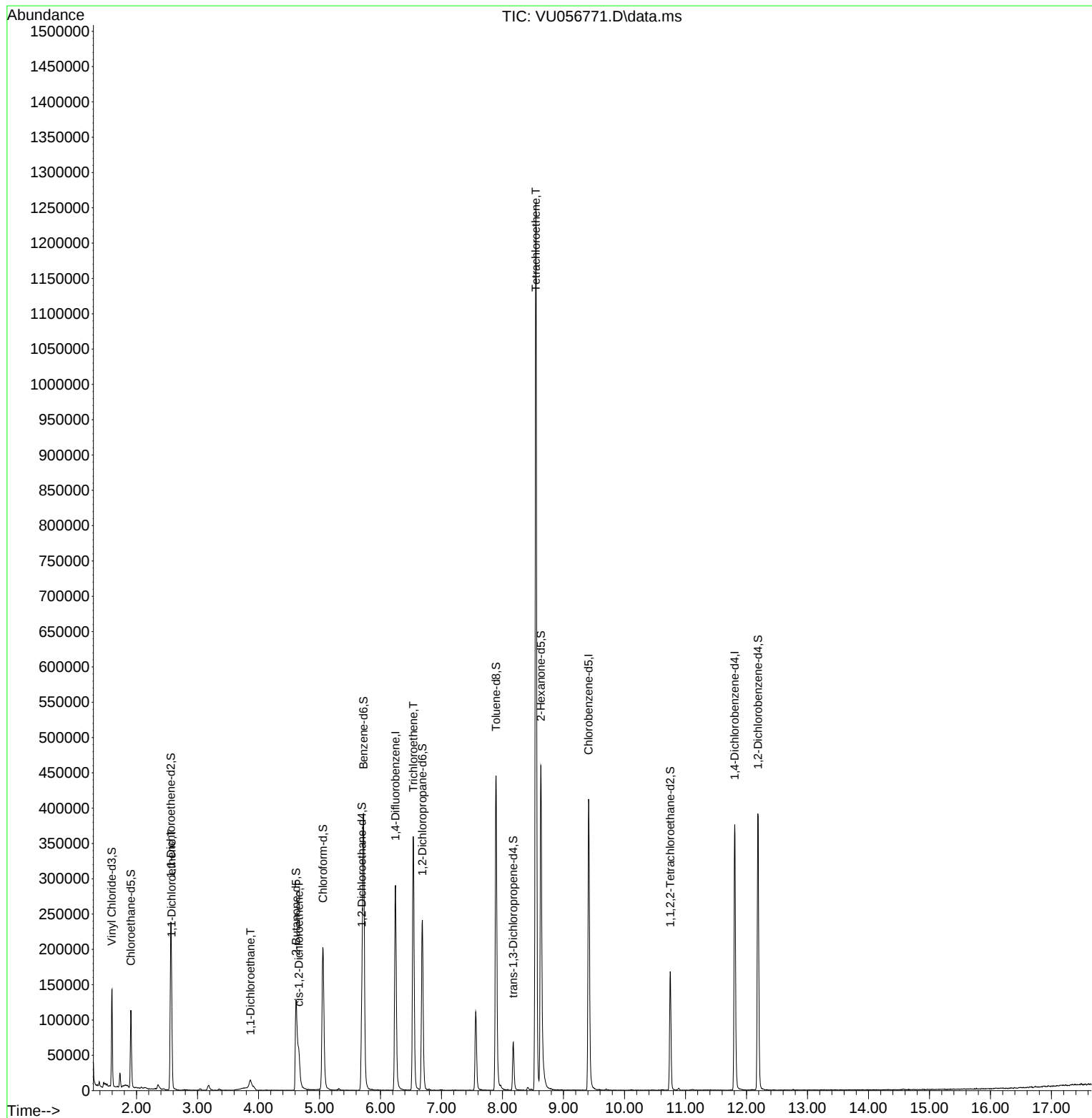
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	238784	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	243222	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101905	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	97542	4.766	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.400%	
7) Chloroethane-d5	1.907	69	81326	5.310	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.200%	
11) 1,1-Dichloroethene-d2	2.563	65	42632	4.868	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.400%	
20) 2-Butanone-d5	4.615	46	195961	48.480	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.960%	
24) Chloroform-d	5.055	84	191295	4.936	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
26) 1,2-Dichloroethane-d4	5.695	65	93728	5.110	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	5.721	84	374176	4.960	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
36) 1,2-Dichloropropane-d6	6.685	67	120022	5.083	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.600%	
41) Toluene-d8	7.894	98	314885	4.670	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
43) trans-1,3-Dichloroprop...	8.177	79	40331	4.404	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.000%	
46) 2-Hexanone-d5	8.627	63	157034	45.469	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.940%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	86847	5.083	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	103587	5.171	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	15195	0.784	ug/L	1
19) 1,1-Dichloroethane	3.869	63	11270	0.298	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	19629	0.918	ug/L	96
34) Trichloroethene	6.537	95	131219	5.596	ug/L	99
47) Tetrachloroethene	8.547	164	270310	16.473	ug/L	98

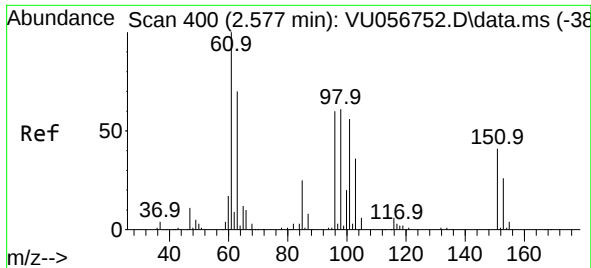
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
Data File : VU056771.D
Acq On : 12 Dec 2023 07:25
Operator : MD/SY
Sample : 05675-21
Misc : 25.2mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AD2

Quant Time: Dec 12 11:04:39 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

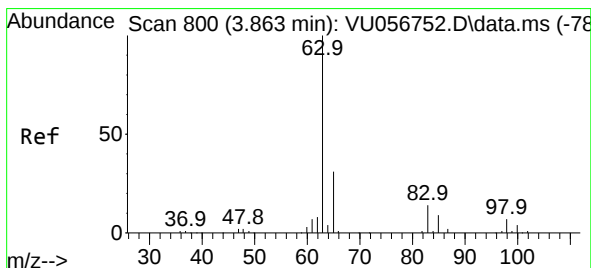
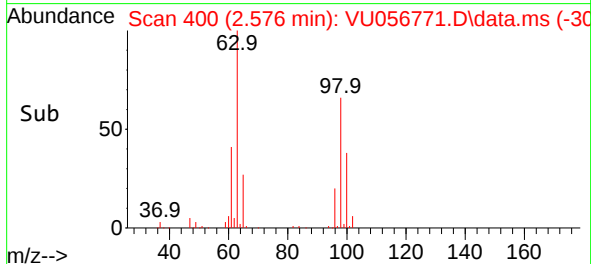
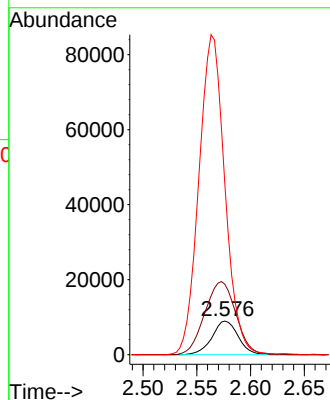
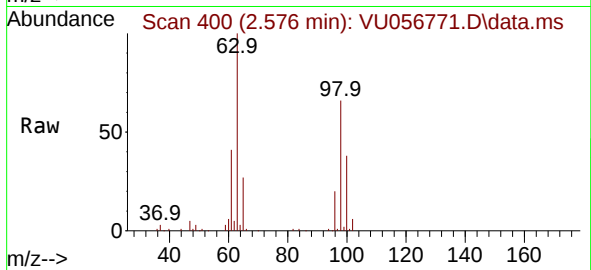




#12
1,1-Dichloroethene
Concen: 0.784 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.001 min
Lab File: VU056771.D
Acq: 12 Dec 2023 07:25

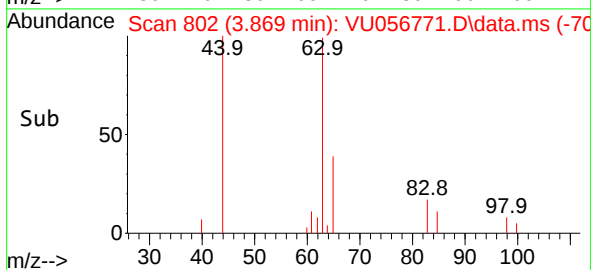
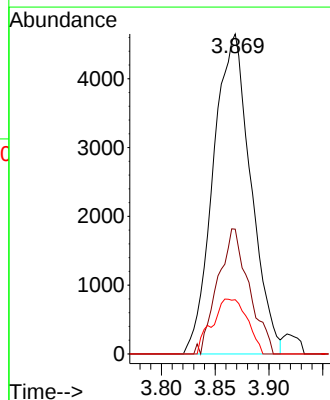
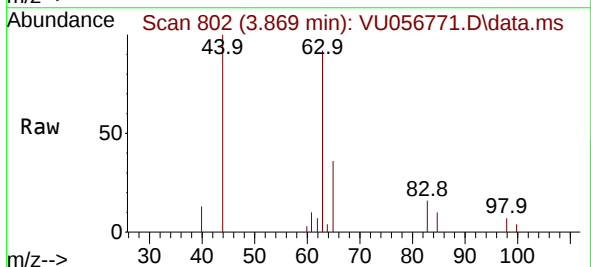
Instrument :
MSVOA_U
ClientSampleId :
H0AD2

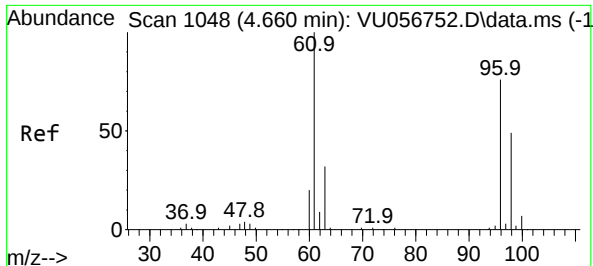
Tgt Ion: 96 Resp: 15195
Ion Ratio Lower Upper
96 100
61 209.2 119.0 221.0
63 506.6 88.7 164.7#



#19
1,1-Dichloroethane
Concen: 0.298 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.006 min
Lab File: VU056771.D
Acq: 12 Dec 2023 07:25

Tgt Ion: 63 Resp: 11270
Ion Ratio Lower Upper
63 100
65 37.3 22.9 42.5
83 16.2 10.1 18.9





#22

cis-1,2-Dichloroethene

Concen: 0.918 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU056771.D

Acq: 12 Dec 2023 07:25

Instrument :

MSVOA_U

ClientSampleId :

H0AD2

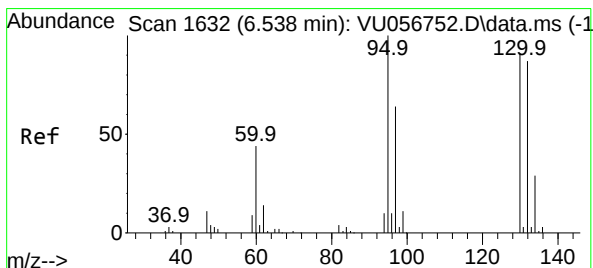
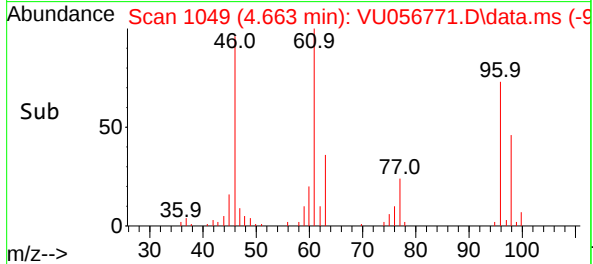
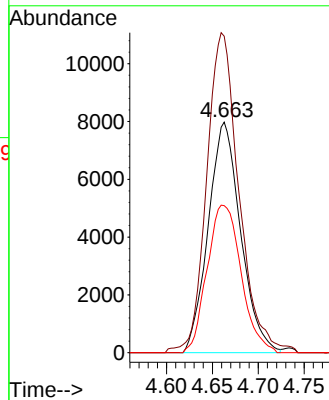
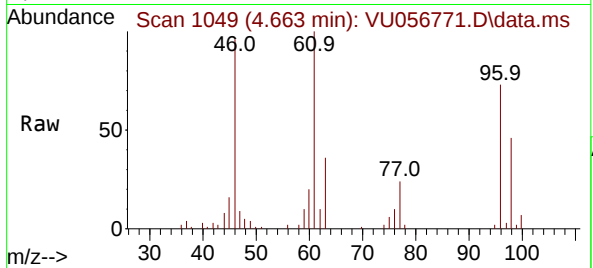
Tgt Ion: 96 Resp: 19629

Ion Ratio Lower Upper

96 100

61 137.3 91.3 169.6

98 63.8 44.2 82.0



#34

Trichloroethene

Concen: 5.596 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. -0.001 min

Lab File: VU056771.D

Acq: 12 Dec 2023 07:25

Tgt Ion: 95 Resp: 131219

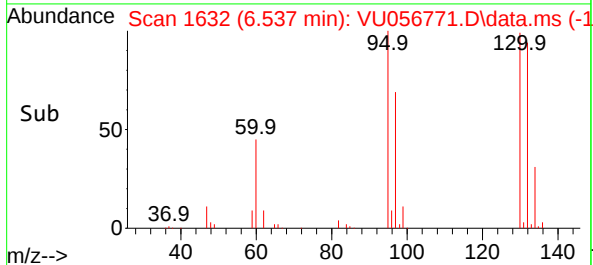
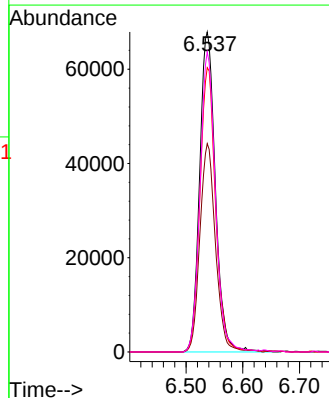
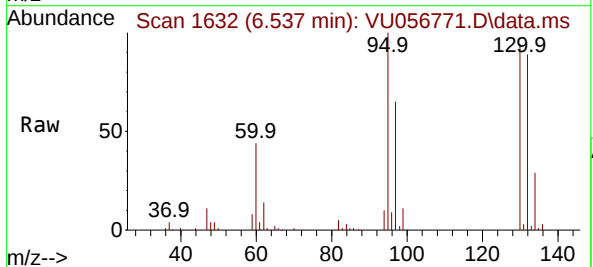
Ion Ratio Lower Upper

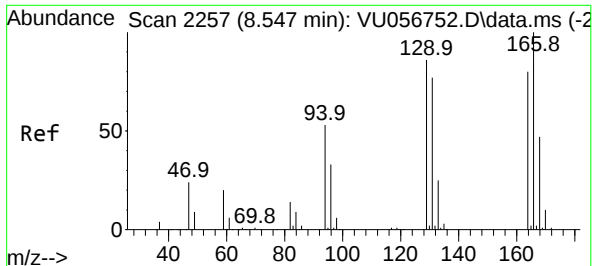
95 100

97 65.1 46.1 85.5

132 88.8 63.6 118.0

130 93.8 66.4 123.4





#47
 Tetrachloroethene
 Concen: 16.473 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: VU056771.D
 Acq: 12 Dec 2023 07:25

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD2

Tgt Ion:164 Resp: 270310

Ion	Ratio	Lower	Upper
164	100		
129	101.9	73.4	136.4
131	101.3	71.5	132.9
166	129.1	92.7	172.1

