

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055217.D
 Acq On : 08 Sep 2023 04:08
 Operator : MD/SY
 Sample : 04307-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4K0

Quant Time: Sep 08 06:40:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 06:18:43 2023
 Response via : Initial Calibration

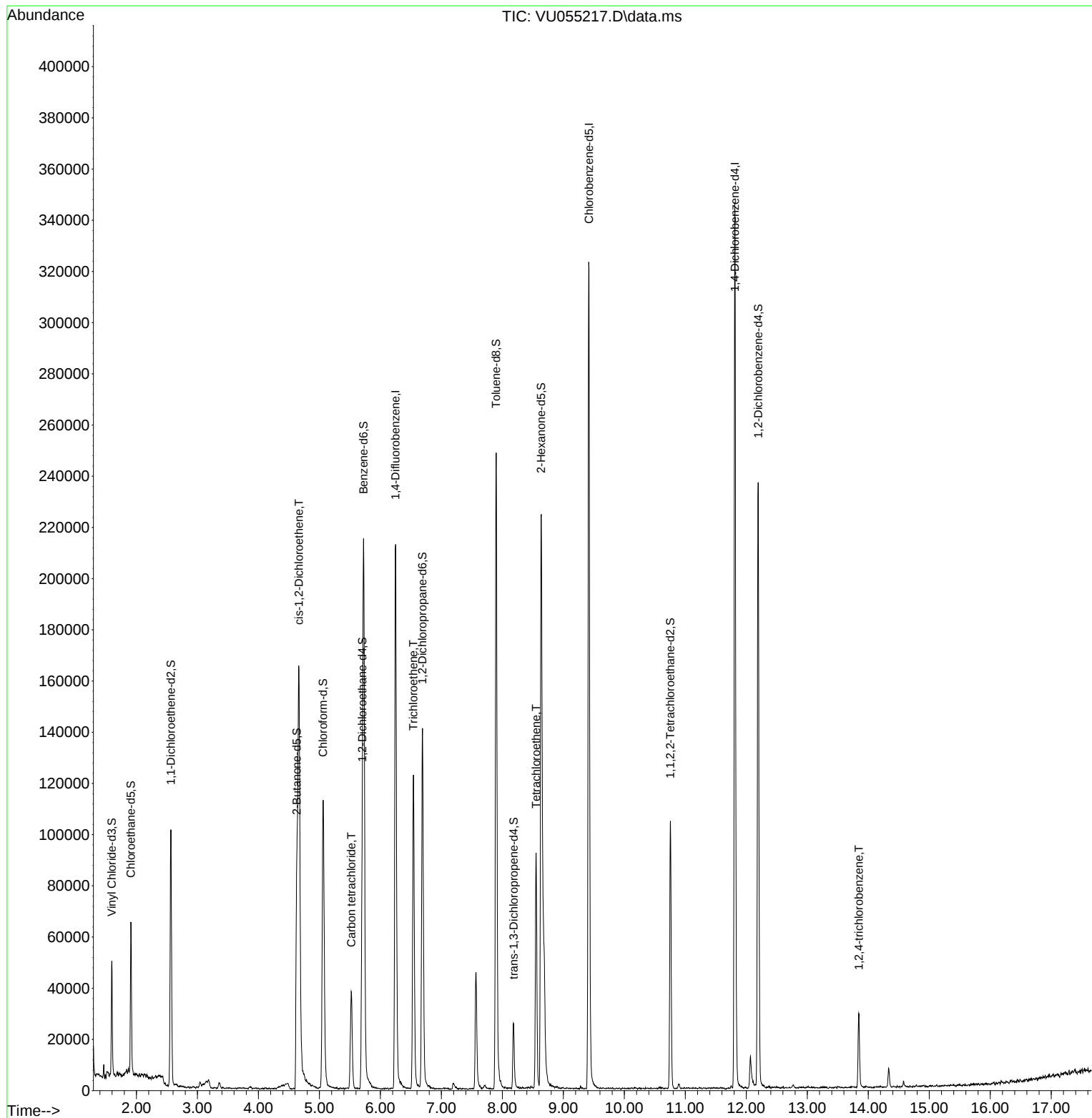
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	171143	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	175136	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	85254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30314	3.779	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.600%	
7) Chloroethane-d5	1.907	69	40512	4.363	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.200%	
11) 1,1-Dichloroethene-d2	2.563	65	19217	4.205	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.000%	
20) 2-Butanone-d5	4.628	46	139910	60.107	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.220%	
24) Chloroform-d	5.058	84	103318	4.854	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
26) 1,2-Dichloroethane-d4	5.702	65	57162	5.368	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.400%	
32) Benzene-d6	5.724	84	195824	4.530	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	6.689	67	67999	4.945	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.000%	
41) Toluene-d8	7.898	98	167624	4.209	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
43) trans-1,3-Dichloroprop...	8.184	79	15005	3.963	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.200%	
46) 2-Hexanone-d5	8.634	63	69609	45.281	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.560%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51975	5.375	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	58477	4.699	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.000%	
Target Compounds						
22) cis-1,2-Dichloroethene	4.663	96	69454	7.068	ug/L	97
31) Carbon tetrachloride	5.521	117	24310	1.930	ug/L	91
34) Trichloroethene	6.541	95	41063	3.964	ug/L	96
47) Tetrachloroethene	8.554	164	18643	2.604	ug/L	90
70) 1,2,4-trichlorobenzene	13.846	180	8916	0.659	ug/L	95

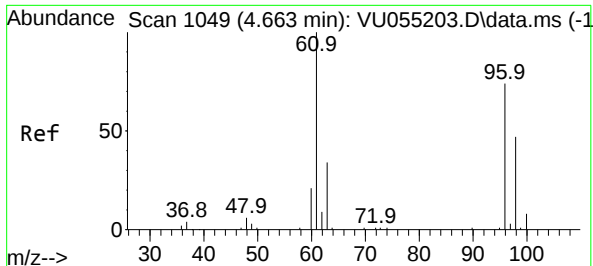
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 7.068 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU055217.D

Acq: 08 Sep 2023 04:08

Instrument :

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BH4K0

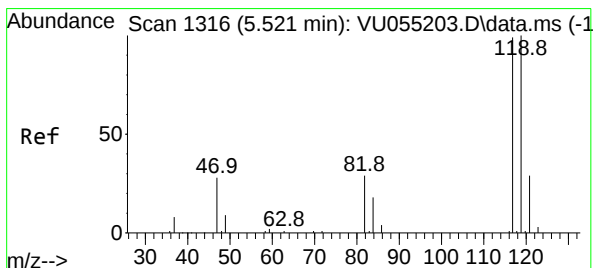
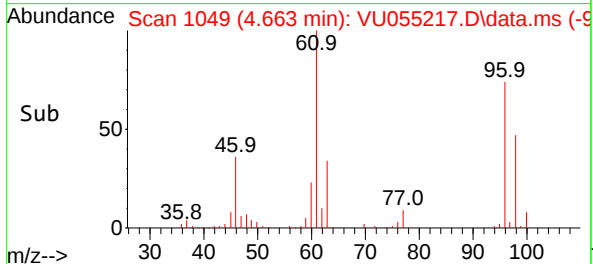
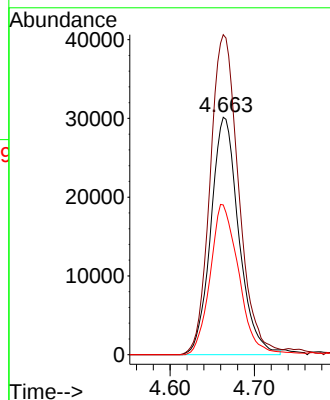
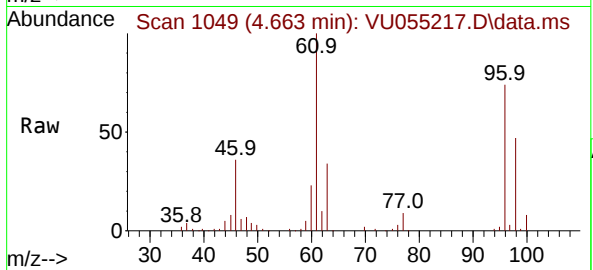
Tgt Ion: 96 Resp: 69454

Ion Ratio Lower Upper

96 100

61 134.8 97.2 180.4

98 63.0 46.1 85.7



#31

Carbon tetrachloride

Concen: 1.930 ug/L

RT: 5.521 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU055217.D

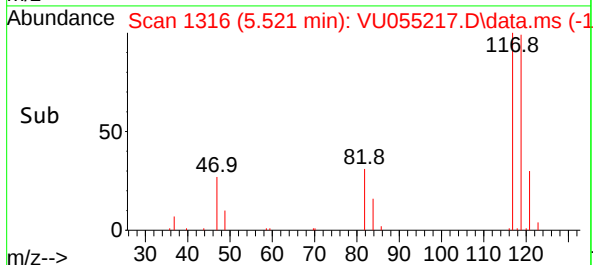
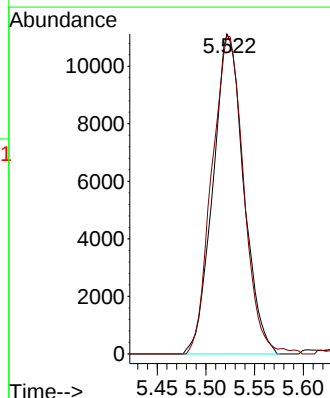
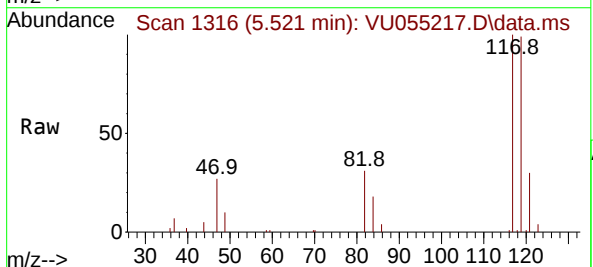
Acq: 08 Sep 2023 04:08

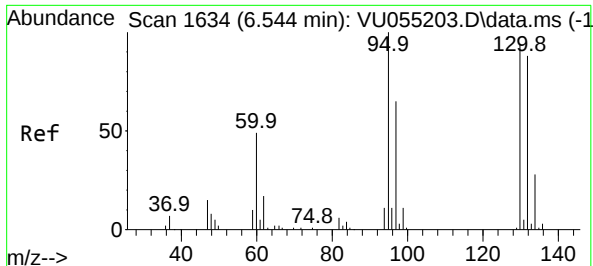
Tgt Ion: 117 Resp: 24310

Ion Ratio Lower Upper

117 100

119 103.0 75.4 113.0



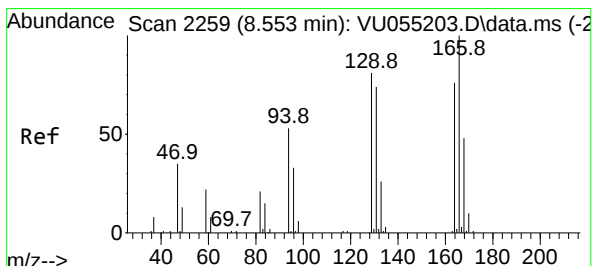
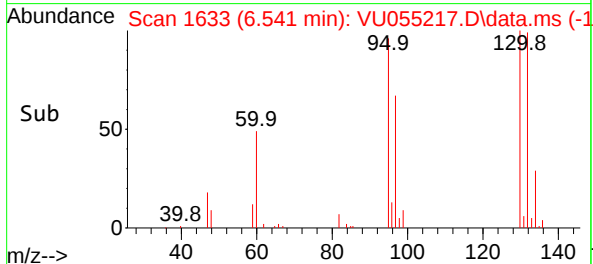
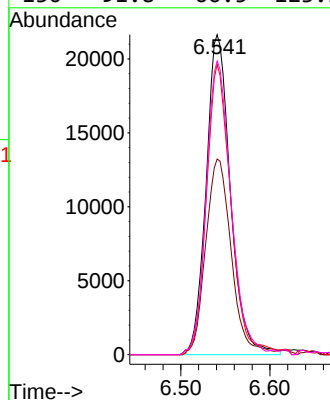
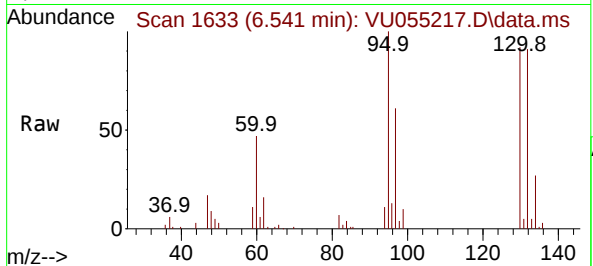


#34
Trichloroethene
Concen: 3.964 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055217.D
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Instrument :
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ClientSampleId :
BH4K0

Tgt Ion: 95 Resp: 41063

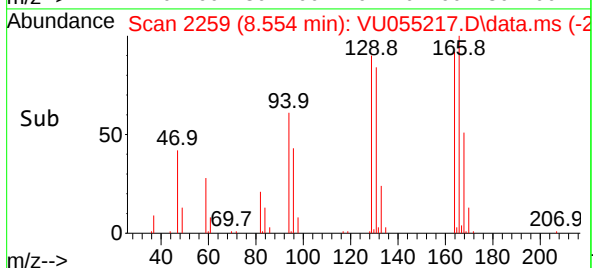
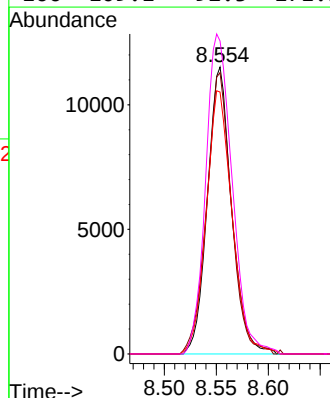
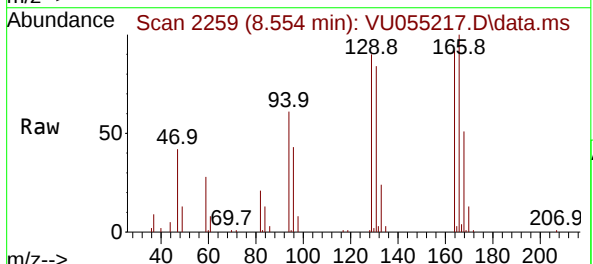
Ion	Ratio	Lower	Upper
95	100		
97	61.1	44.7	83.1
132	90.8	66.6	123.6
130	91.8	66.5	123.5

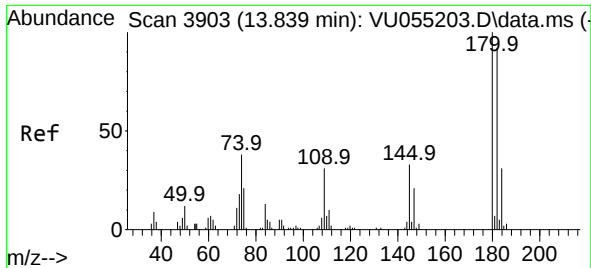


#47
Tetrachloroethene
Concen: 2.604 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. 0.000 min
Lab File: VU055217.D
Acq: 08 Sep 2023 04:08

Tgt Ion: 164 Resp: 18643

Ion	Ratio	Lower	Upper
164	100		
129	98.1	69.2	128.6
131	91.3	68.8	127.8
166	109.1	92.3	171.5





#70

1,2,4-trichlorobenzene

Concen: 0.659 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.007 min

Lab File: VU055217.D

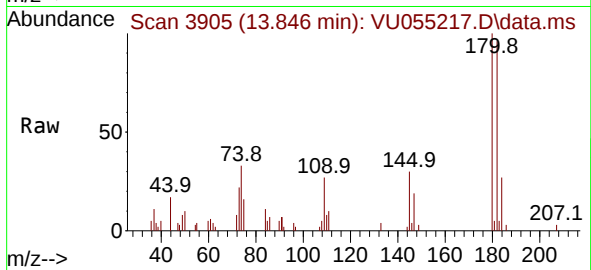
Acq: 08 Sep 2023 04:08

Instrument :

MSVOA_U

ClientSampleId :

BH4K0



Tgt Ion:180 Resp: 8916

Ion Ratio Lower Upper

180 100

182 98.5 73.6 110.4

145 32.4 25.8 38.8

