

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029233.D
 Acq On : 20 Nov 2022 18:28
 Operator : SY/MD
 Sample : N5652-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1L9

Quant Time: Nov 21 01:00:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 21 00:54:18 2022
 Response via : Initial Calibration

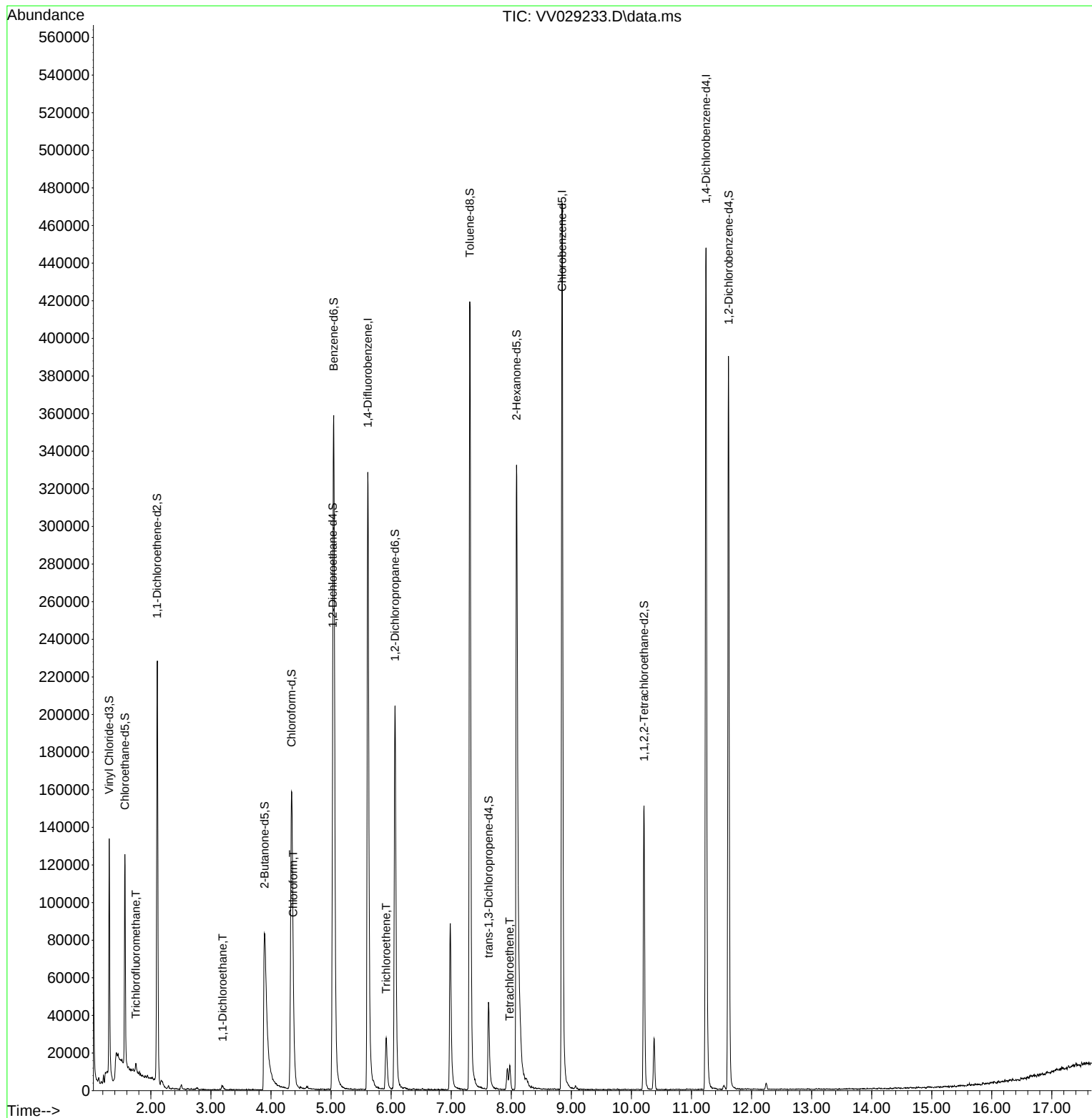
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	312086	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	290241	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	130419	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	88169	4.634	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.600%	
7) Chloroethane-d5	1.568	69	74239	4.438	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.800%	
11) 1,1-Dichloroethene-d2	2.104	63	114150	3.292	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.800%	
20) 2-Butanone-d5	3.892	46	181703	57.051	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.100%	
24) Chloroform-d	4.342	84	170800	4.372	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.400%	
26) 1,2-Dichloroethane-d4	5.027	65	79117	4.502	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
32) Benzene-d6	5.043	84	354967	4.097	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.000%	
36) 1,2-Dichloropropane-d6	6.066	67	107624	4.449	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.000%	
41) Toluene-d8	7.310	98	303171	3.888	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.800%	
43) trans-1,3-Dichloroprop...	7.622	79	32500	4.119	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.400%	
46) 2-Hexanone-d5	8.088	63	147866	43.906	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.820%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	77187	4.602	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.000%	
66) 1,2-Dichlorobenzene-d4	11.619	152	111432	4.776	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.600%	
Target Compounds						
9) Trichlorofluoromethane	1.751	101	2694	0.081	ug/L	93
19) 1,1-Dichloroethane	3.194	63	2741	0.077	ug/L	92
25) Chloroform	4.371	83	26302	0.700	ug/L	93
34) Trichloroethene	5.918	95	10015	0.441	ug/L	96
47) Tetrachloroethene	7.976	164	3158	0.174	ug/L	97

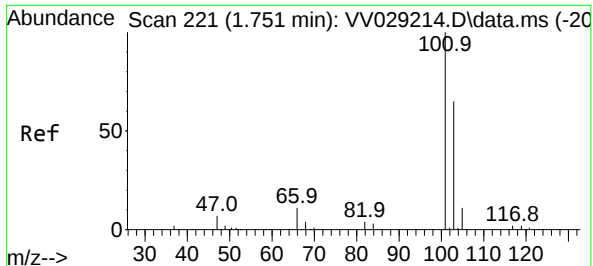
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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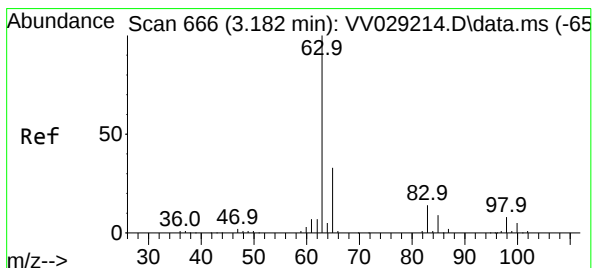
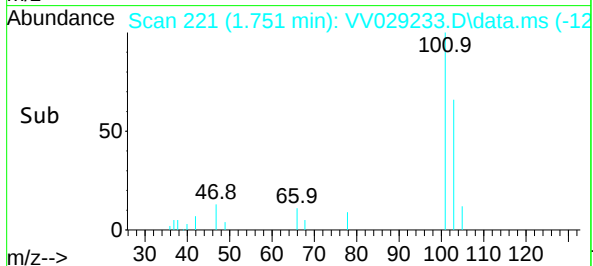
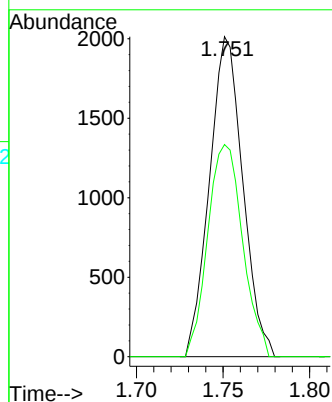
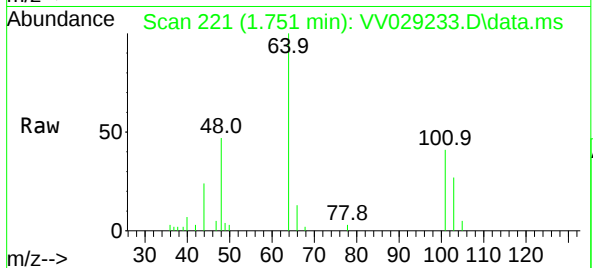




#9
 Trichlorofluoromethane
 Concen: 0.081 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029233.D
 Acq: 20 Nov 2022 18:28

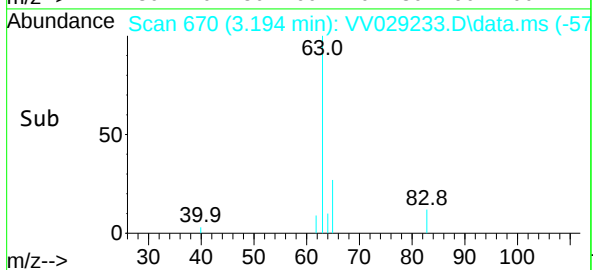
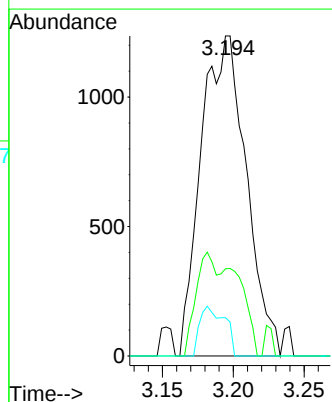
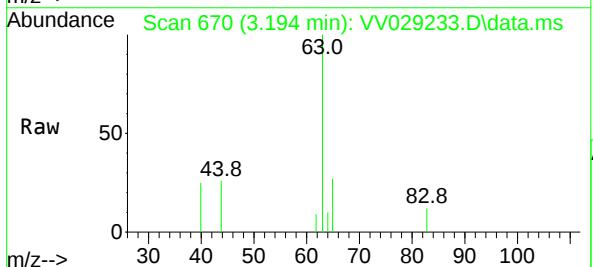
Instrument :
 MSVOA_V
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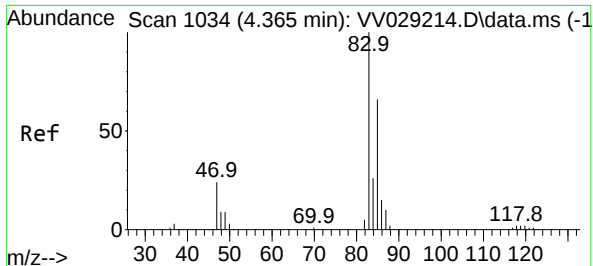
Tgt Ion:101 Resp: 2694
 Ion Ratio Lower Upper
 101 100
 103 69.3 51.3 76.9



#19
 1,1-Dichloroethane
 Concen: 0.077 ug/L
 RT: 3.194 min Scan# 670
 Delta R.T. 0.013 min
 Lab File: VV029233.D
 Acq: 20 Nov 2022 18:28

Tgt Ion: 63 Resp: 2741
 Ion Ratio Lower Upper
 63 100
 65 27.3 23.0 42.6
 83 12.0 9.4 17.6





#25

Chloroform

Concen: 0.700 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV029233.D

Acq: 20 Nov 2022 18:28

Instrument :

MSVOA_V

ClientSampleId :

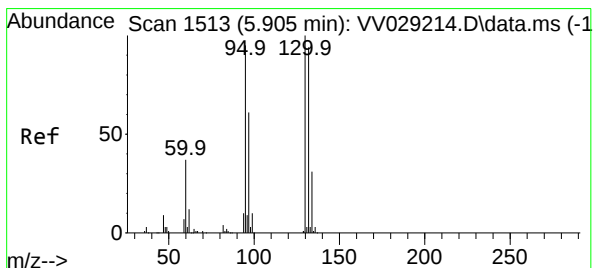
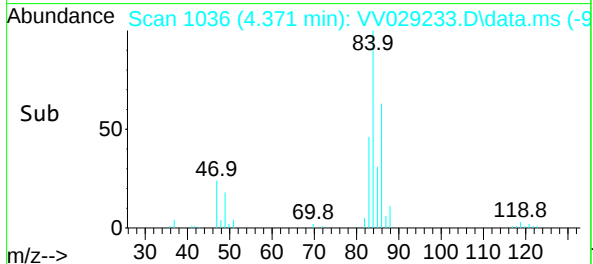
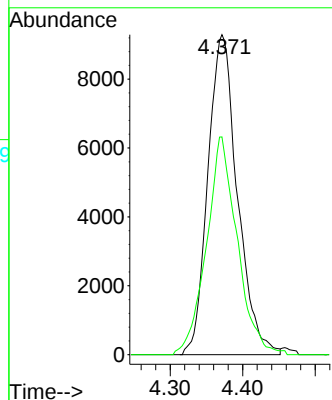
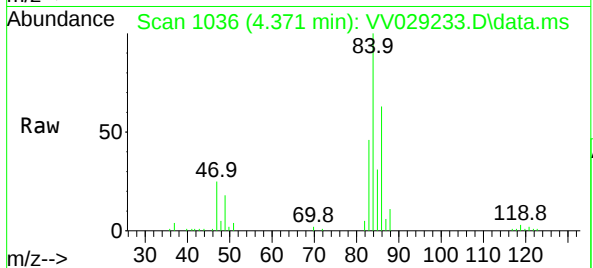
BH1L9

Tgt Ion: 83 Resp: 26302

Ion Ratio Lower Upper

83 100

85 68.0 43.7 81.1



#34

Trichloroethene

Concen: 0.441 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.013 min

Lab File: VV029233.D

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Tgt Ion: 95 Resp: 10015

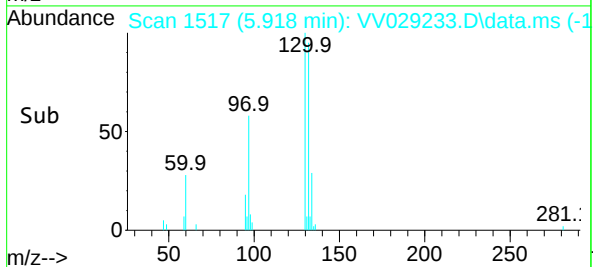
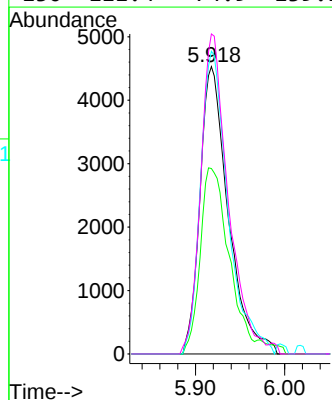
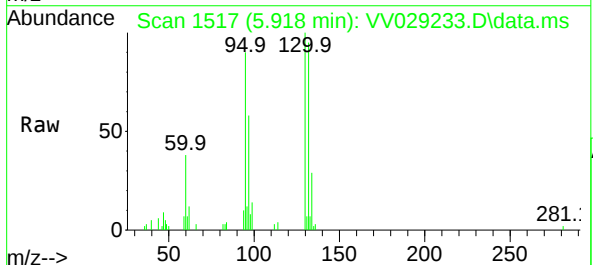
Ion Ratio Lower Upper

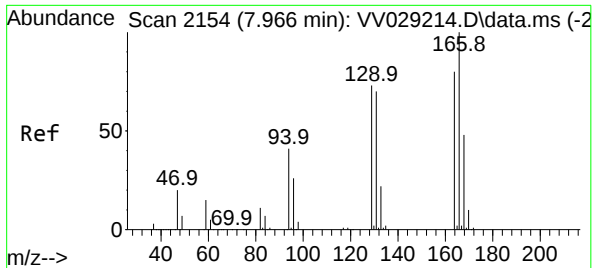
95 100

97 64.5 45.6 84.8

132 105.4 69.1 128.3

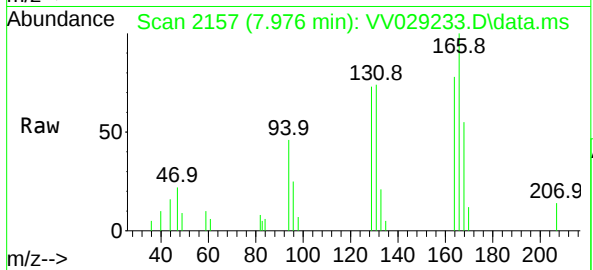
130 111.4 74.9 139.1





#47
 Tetrachloroethene
 Concen: 0.174 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: VV029233.D
 Acq: 20 Nov 2022 18:28

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1L9



Tgt Ion:164 Resp: 3158

Ion	Ratio	Lower	Upper
164	100		
129	93.8	63.9	118.7
131	94.5	61.8	114.8
166	128.1	90.2	167.4

