

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100423\
 Data File : VV032231.D
 Acq On : 04 Oct 2023 15:53
 Operator : SY/MD
 Sample : 04741-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AZ1

Quant Time: Oct 05 01:42:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 05 01:37:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

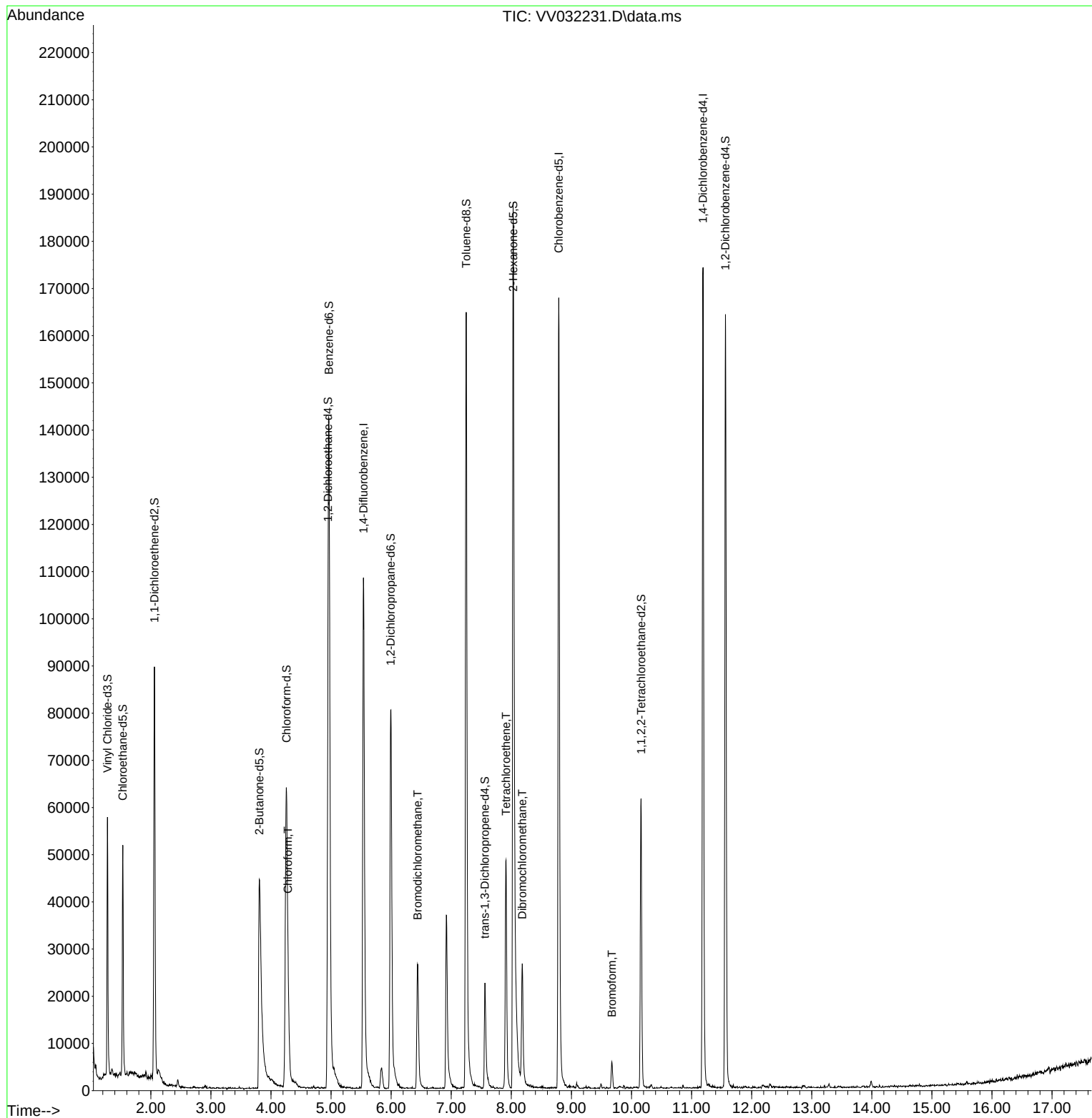
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	101484	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	97574	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	46237	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35677	4.323	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.400%	
7) Chloroethane-d5	1.532	69	30775	4.593	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.060	65	14949	4.295	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.800%	
20) 2-Butanone-d5	3.806	46	96209	46.080	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.160%	
24) Chloroform-d	4.256	84	65332	4.487	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
26) 1,2-Dichloroethane-d4	4.950	65	33184	4.812	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
32) Benzene-d6	4.963	84	130827	4.557	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	5.992	67	44862	4.716	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.249	98	115248	4.390	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
43) trans-1,3-Dichloroprop...	7.561	79	14814	4.395	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.031	63	70595	44.511	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.020%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	32022	4.813	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.200%	
66) 1,2-Dichlorobenzene-d4	11.564	152	42237	4.923	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.400%	
Target Compounds						
					Qvalue	
25) Chloroform	4.281	83	14859	0.944	ug/L	96
38) Bromodichloromethane	6.439	83	20147	1.846	ug/L	97
47) Tetrachloroethene	7.912	164	11218	1.577	ug/L	97
49) Dibromochloromethane	8.182	129	13826	2.049	ug/L	95
59) Bromoform	9.674	173	2501	0.744	ug/L #	97

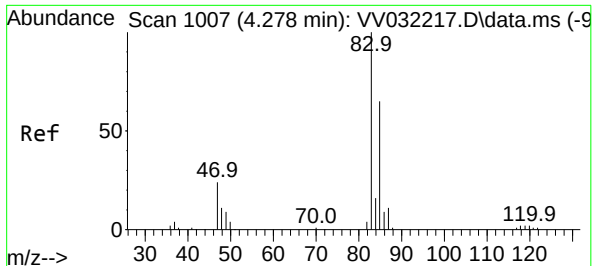
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 0.944 ug/L

RT: 4.281 min Scan# 1007

Delta R.T. 0.003 min

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MSVOA_V

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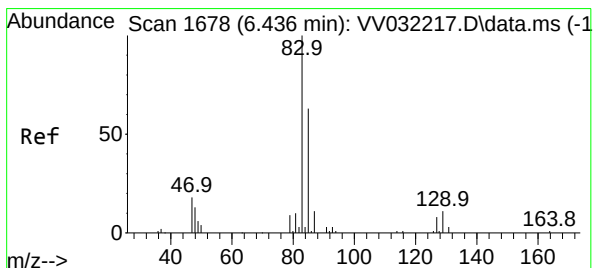
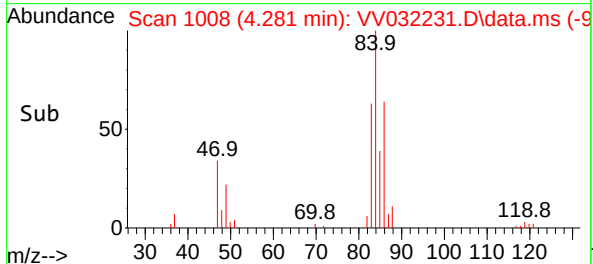
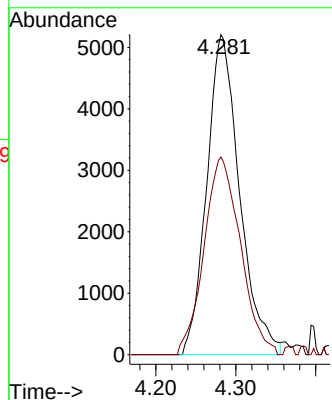
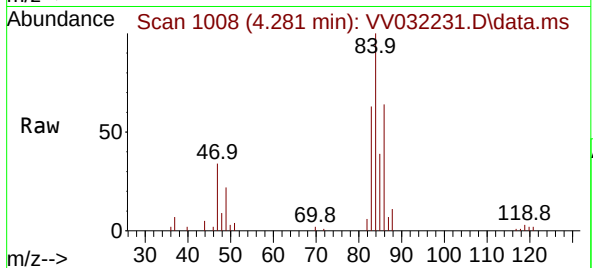
C0AZ1

Tgt Ion: 83 Resp: 14859

Ion Ratio Lower Upper

83 100

85 61.7 45.4 84.4



#38

Bromodichloromethane

Concen: 1.846 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.003 min

Lab File: VV032231.D

Acq: 04 Oct 2023 15:53

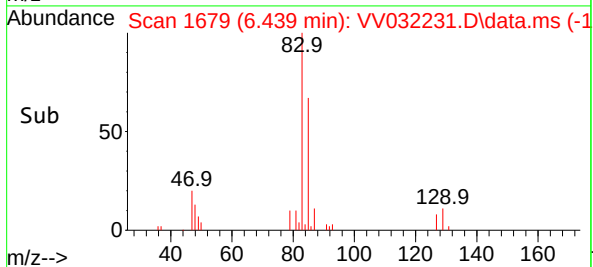
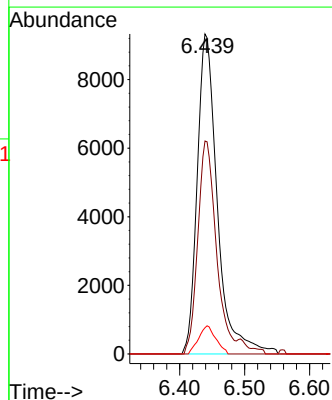
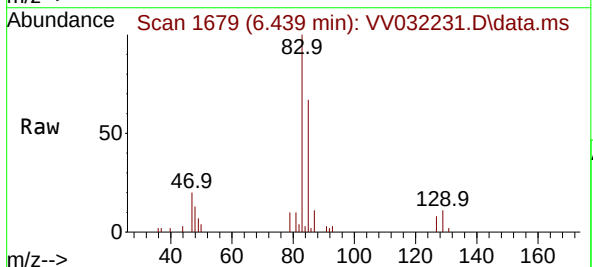
Tgt Ion: 83 Resp: 20147

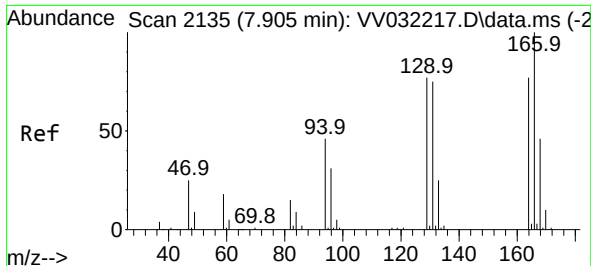
Ion Ratio Lower Upper

83 100

85 66.5 44.9 83.3

127 8.2 6.9 10.3



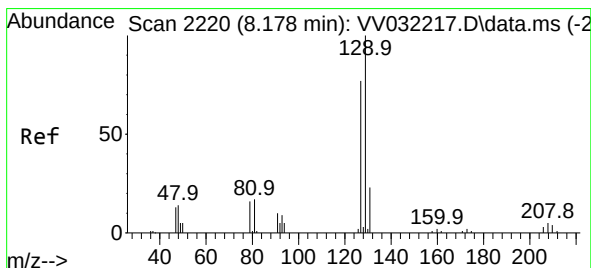
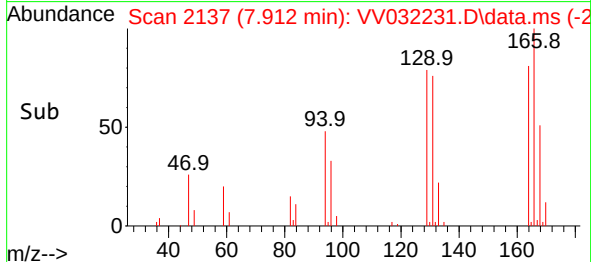
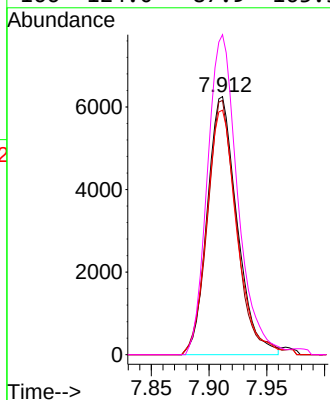
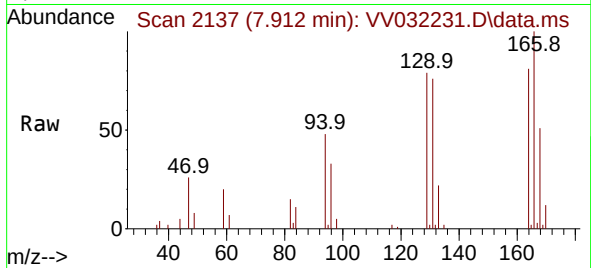


#47
Tetrachloroethene
Concen: 1.577 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VV032231.D
Acq: 04 Oct 2023 15:53

Instrument :
MSVOA_V
ClientSampleId :
C0AZ1

Tgt Ion:164 Resp: 11218

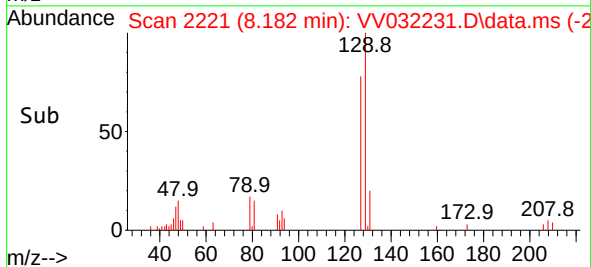
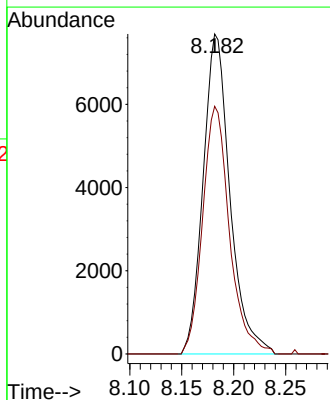
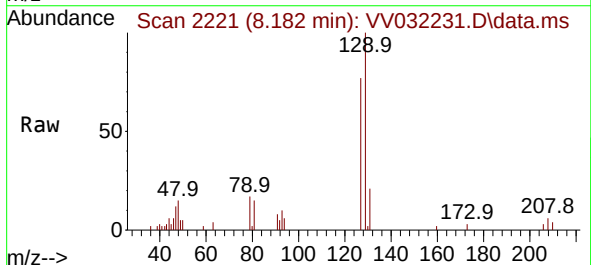
Ion	Ratio	Lower	Upper
164	100		
129	98.5	66.4	123.4
131	94.7	63.7	118.3
166	124.0	87.9	163.3

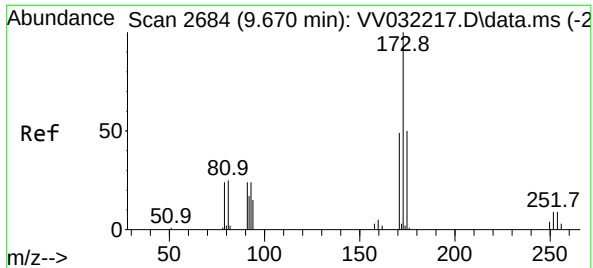


#49
Dibromochloromethane
Concen: 2.049 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VV032231.D
Acq: 04 Oct 2023 15:53

Tgt Ion:129 Resp: 13826

Ion	Ratio	Lower	Upper
129	100		
127	77.4	57.2	106.2





#59
 Bromoform
 Concen: 0.744 ug/L
 RT: 9.674 min Scan# 2
 Delta R.T. 0.003 min
 Lab File: VV032231.D
 Acq: 04 Oct 2023 15:53

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AZ1

Tgt Ion:	173	Resp:	2501
Ion Ratio	Lower	Upper	
173	100		
175	48.5	38.2	57.2
254	4.0	7.0	10.4#

