

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031917.D
 Acq On : 24 Aug 2023 18:23
 Operator : SY/MD
 Sample : 04158-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ9

Quant Time: Aug 25 01:00:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 25 00:56:34 2023
 Response via : Initial Calibration

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

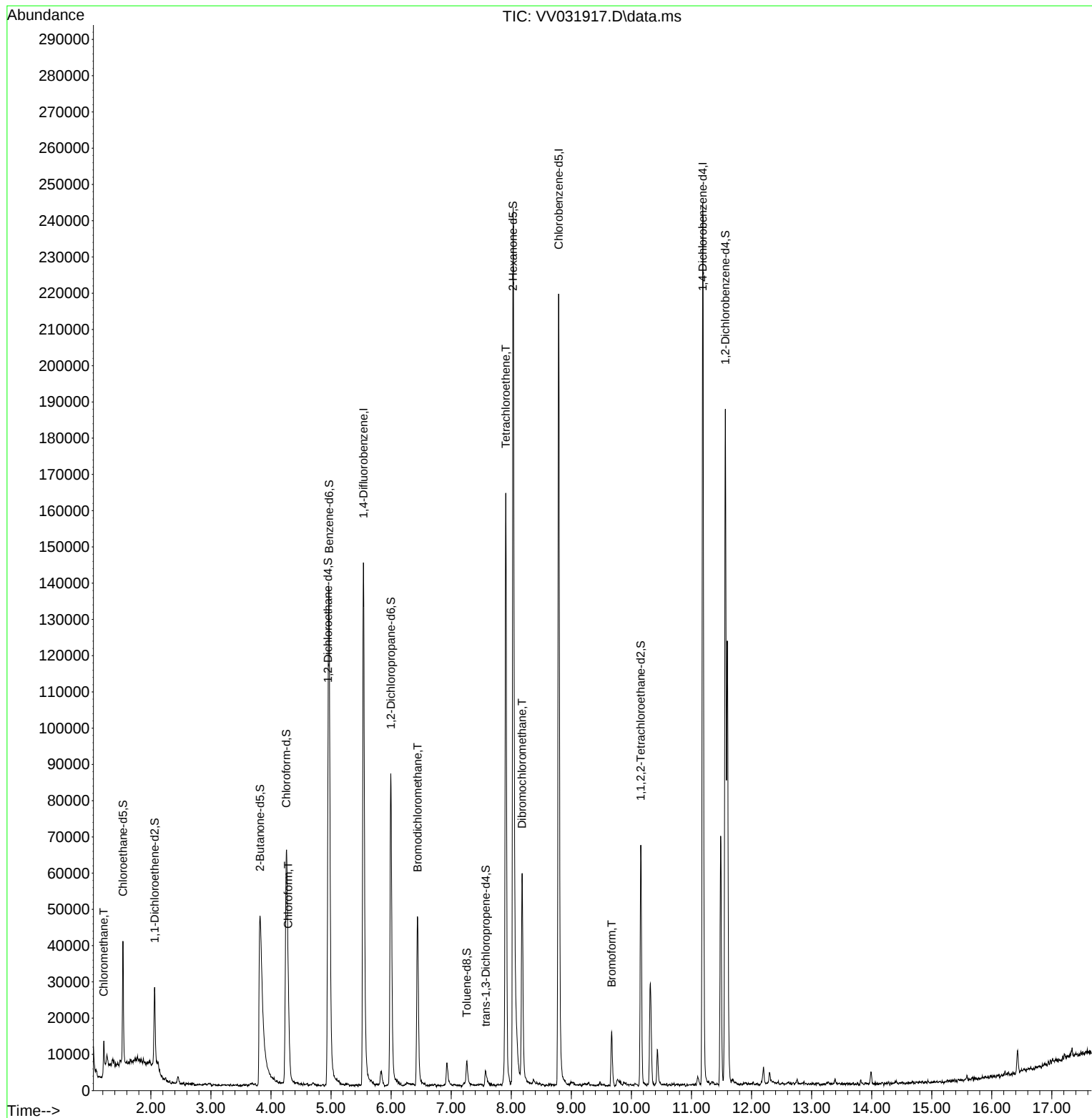
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	127216	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	117028	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	60326	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0d	0.000	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	1.536	69	21479	4.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.063	65	4031	1.594	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	31.800%#
20) 2-Butanone-d5	3.818	46	118837	57.136	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.280%
24) Chloroform-d	4.256	84	64224	4.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	4.950	65	35119	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	4.966	84	125185	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	5.995	67	43199	4.600	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.259	98	4984	0.202	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	4.000%#
43) trans-1,3-Dichloroprop...	7.574	79	3137	0.916	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	18.400%#
46) 2-Hexanone-d5	8.030	63	94897	51.978	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.960%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	34220	5.079	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	45099	4.616	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	5633	0.724	ug/L	97
25) Chloroform	4.288	83	19895	1.460	ug/L	98
38) Bromodichloromethane	6.439	83	34144	3.552	ug/L	97
47) Tetrachloroethene	7.908	164	35401	7.033	ug/L	97
49) Dibromochloromethane	8.182	129	28645	5.171	ug/L	99
59) Bromoform	9.670	173	6658	2.336	ug/L	98

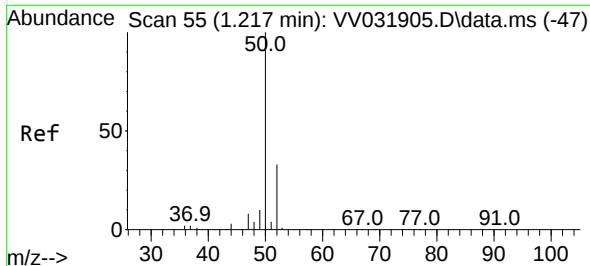
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 25 00:56:34 2023
Response via : Initial Calibration

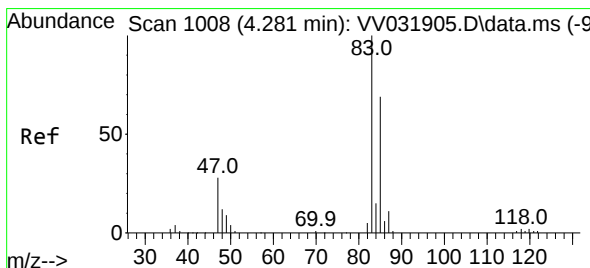
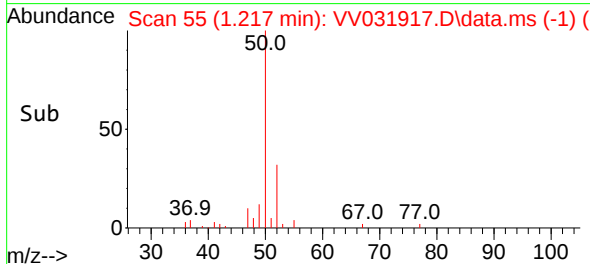
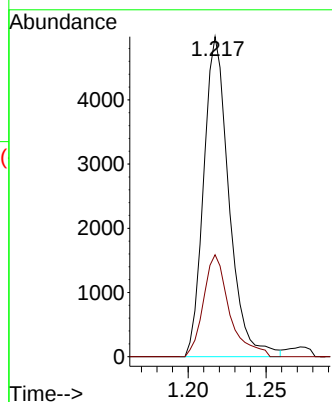
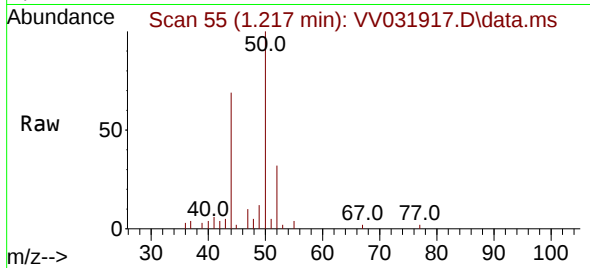




#3
Chloromethane
Concen: 0.724 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031917.D
Acq: 24 Aug 2023 18:23

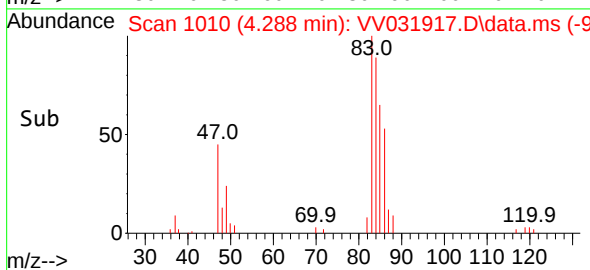
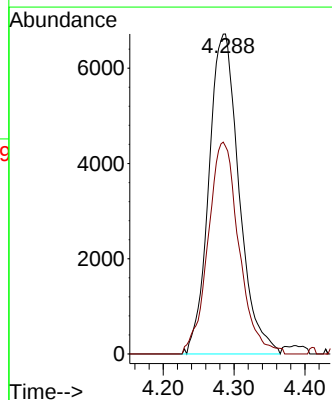
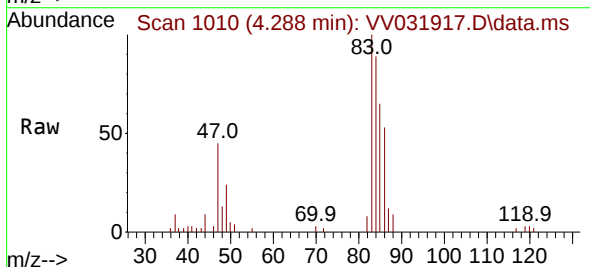
Instrument :
MSVOA_V
ClientSampleId :
C0AQ9

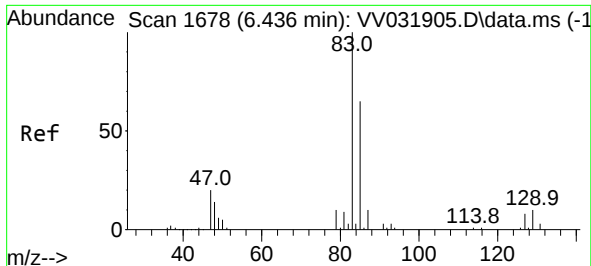
Tgt Ion: 50 Resp: 5633
Ion Ratio Lower Upper
50 100
52 31.8 23.3 43.3



#25
Chloroform
Concen: 1.460 ug/L
RT: 4.288 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VV031917.D
Acq: 24 Aug 2023 18:23

Tgt Ion: 83 Resp: 19895
Ion Ratio Lower Upper
83 100
85 64.9 46.4 86.2

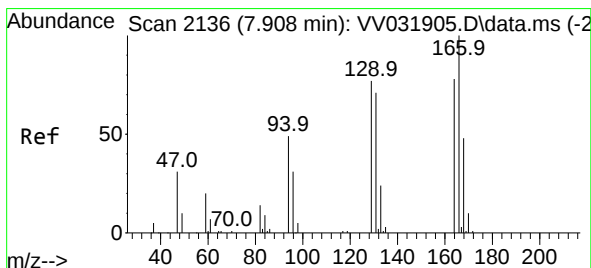
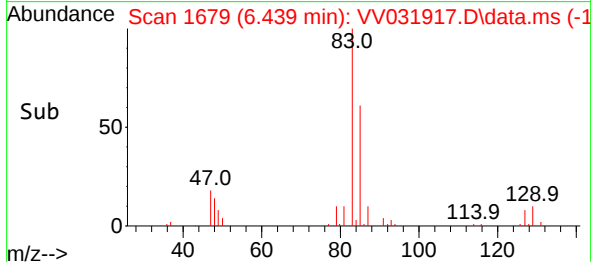
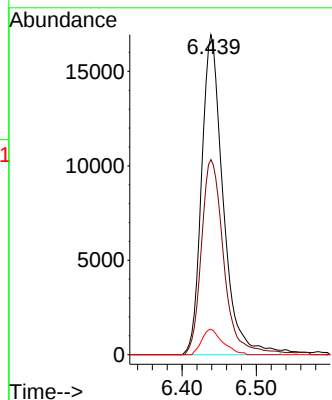
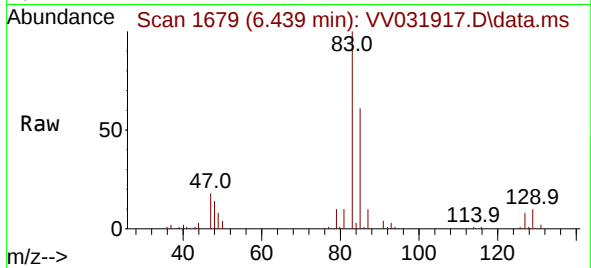




#38
Bromodichloromethane
Concen: 3.552 ug/L
RT: 6.439 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV031917.D
Acq: 24 Aug 2023 18:23

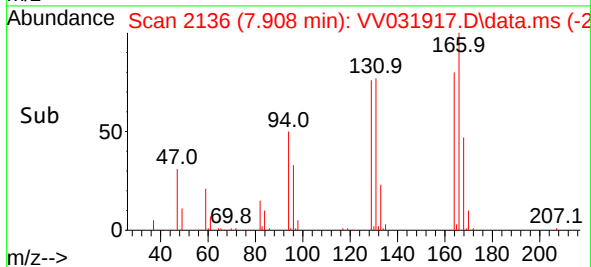
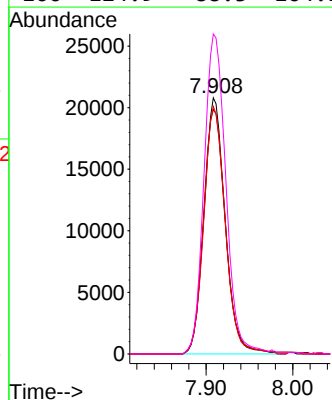
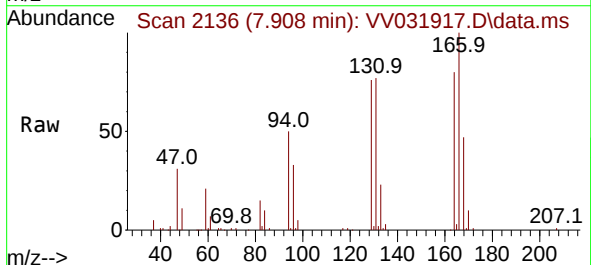
Instrument :
MSVOA_V
ClientSampleId :
C0AQ9

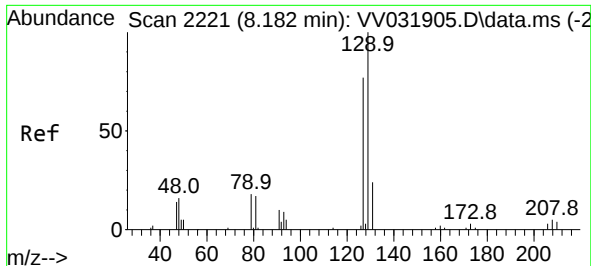
Tgt Ion: 83 Resp: 34144
Ion Ratio Lower Upper
83 100
85 60.9 44.4 82.4
127 7.9 6.2 9.4



#47
Tetrachloroethene
Concen: 7.033 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VV031917.D
Acq: 24 Aug 2023 18:23

Tgt Ion: 164 Resp: 35401
Ion Ratio Lower Upper
164 100
129 95.5 70.6 131.2
131 96.6 64.6 120.0
166 124.9 88.3 164.1

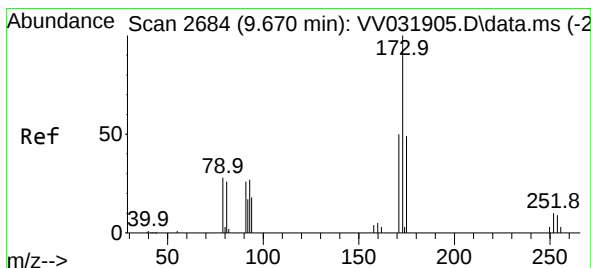
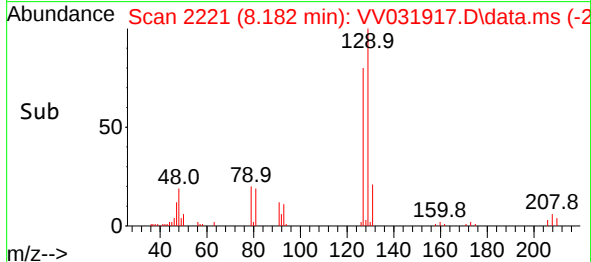
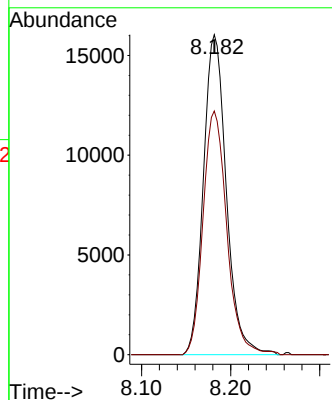
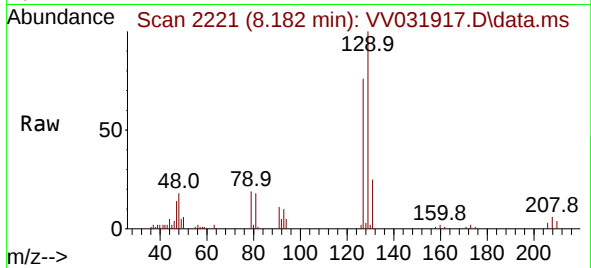




#49
Dibromochloromethane
Concen: 5.171 ug/L
RT: 8.182 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV031917.D
Acq: 24 Aug 2023 18:23

Instrument :
MSVOA_V
ClientSampleId :
C0AQ9

Tgt Ion:129 Resp: 28645
Ion Ratio Lower Upper
129 100
127 76.2 53.7 99.7



#59
Bromoform
Concen: 2.336 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.000 min
Lab File: VV031917.D
Acq: 24 Aug 2023 18:23

Tgt Ion:173 Resp: 6658
Ion Ratio Lower Upper
173 100
175 46.4 38.0 57.0
254 7.5 6.8 10.2

