

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100923\
 Data File : VW032332.D
 Acq On : 09 Oct 2023 16:36
 Operator : SY/MD
 Sample : 04744-05RE
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH582RE

Quant Time: Oct 10 04:52:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 07 05:00:49 2023
 Response via : Initial Calibration

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

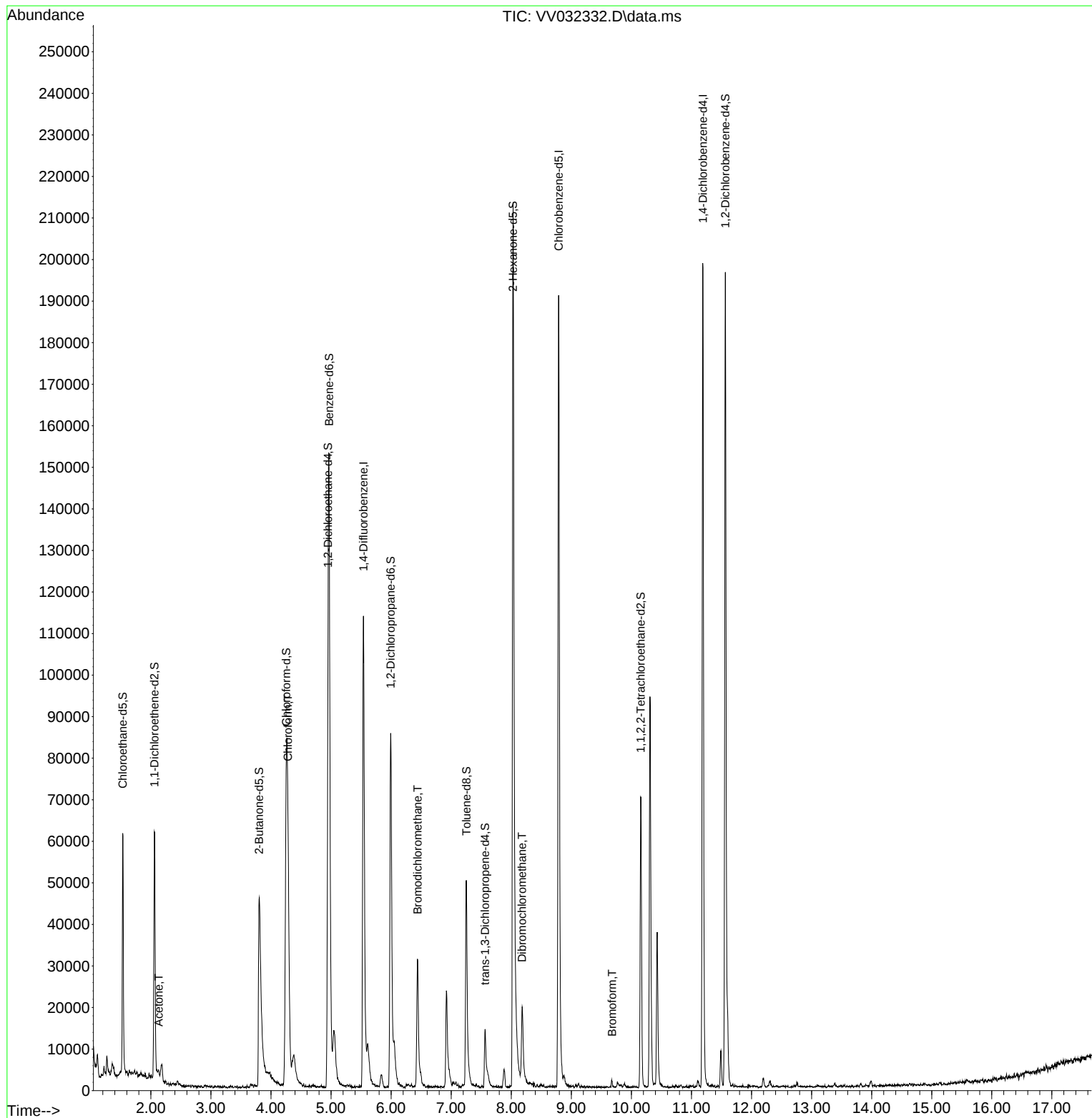
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	99974	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	110121	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	51785	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0d	0.000	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	1.532	69	36698	5.560	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.200%
11) 1,1-Dichloroethene-d2	2.060	65	9991	2.914	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.200%#
20) 2-Butanone-d5	3.802	46	87904	42.738	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.480%
24) Chloroform-d	4.253	84	72823	5.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	4.950	65	34517	5.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	4.966	84	139826	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	5.992	67	50542	4.708	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.252	98	38296	1.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	25.800%#
43) trans-1,3-Dichloroprop...	7.564	79	10131	2.663	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	53.200%#
46) 2-Hexanone-d5	8.030	63	82459	46.068	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.140%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	35257	4.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	49751	5.177	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						Qvalue
13) Acetone	2.134	43	2595	1.637	ug/L	81
25) Chloroform	4.281	83	52345	3.377	ug/L	98
38) Bromodichloromethane	6.439	83	24557	1.993	ug/L	98
49) Dibromochloromethane	8.182	129	10147	1.332	ug/L	85
59) Bromoform	9.680	173	746	0.198	ug/L #	83

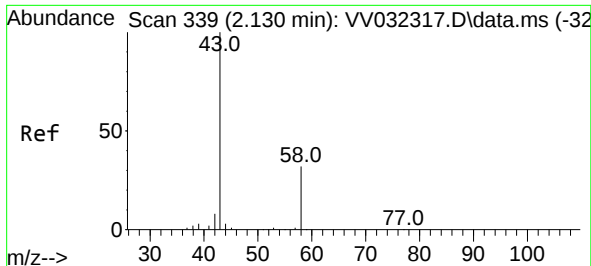
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.637 ug/L

RT: 2.134 min Scan# 34

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

ClientSampleId :

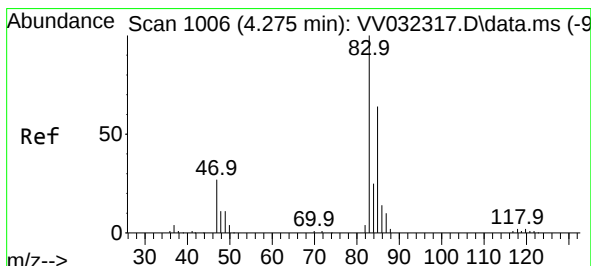
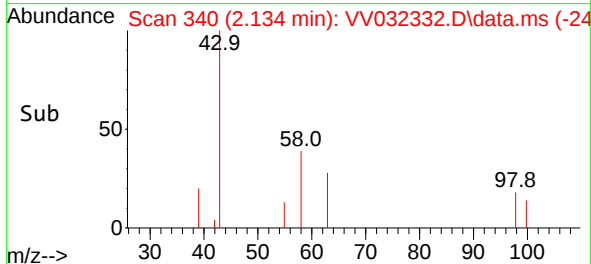
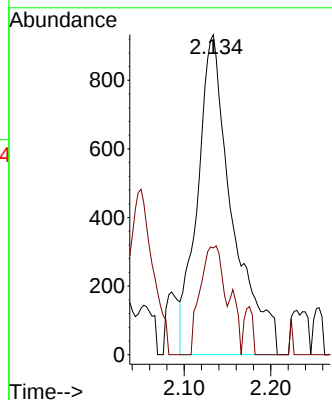
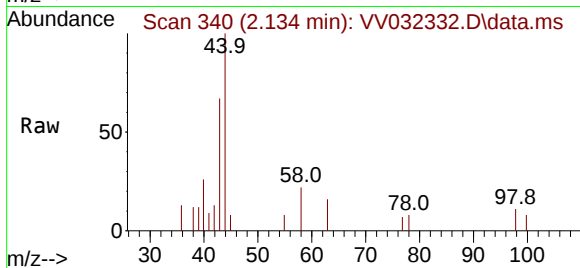
BH582RE

Tgt Ion: 43 Resp: 2595

Ion Ratio Lower Upper

43 100

58 22.5 0.0 66.0



#25

Chloroform

Concen: 3.377 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.003 min

Lab File: VV032332.D

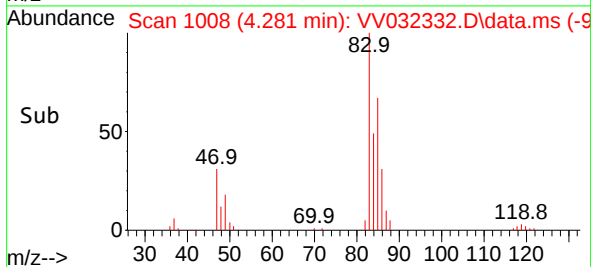
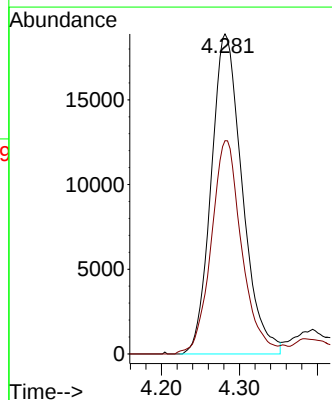
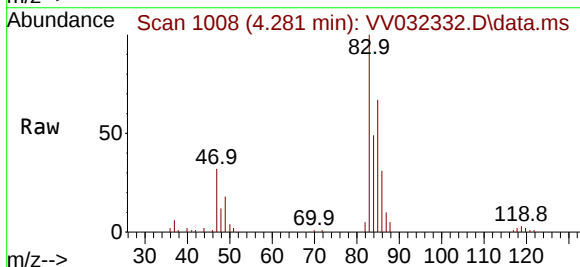
Acq: 09 Oct 2023 16:36

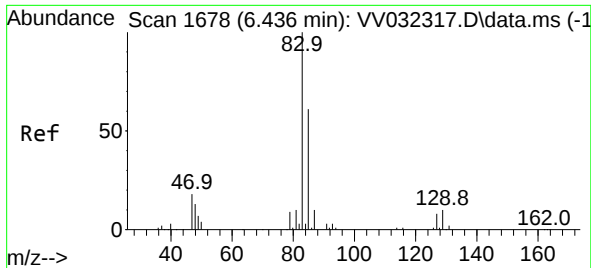
Tgt Ion: 83 Resp: 52345

Ion Ratio Lower Upper

83 100

85 66.6 45.4 84.4

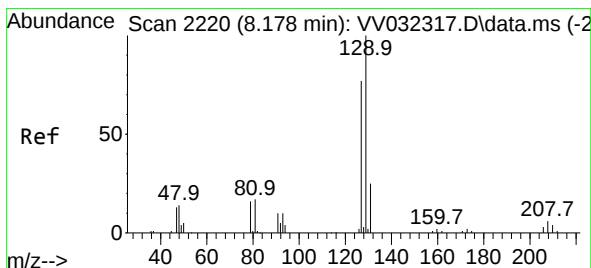
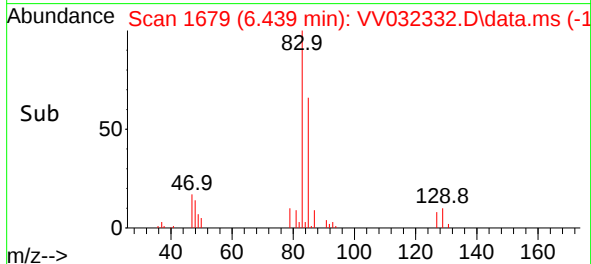
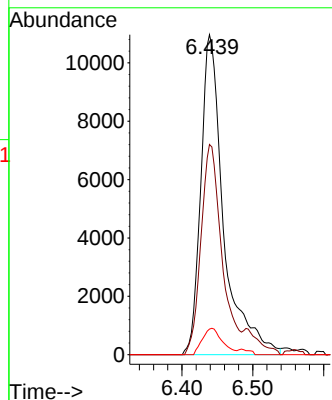
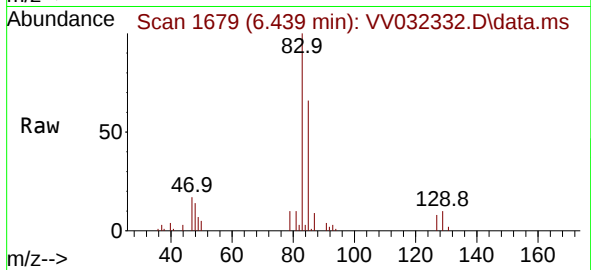




#38
Bromodichloromethane
Concen: 1.993 ug/L
RT: 6.439 min Scan# 1
Delta R.T. 0.003 min
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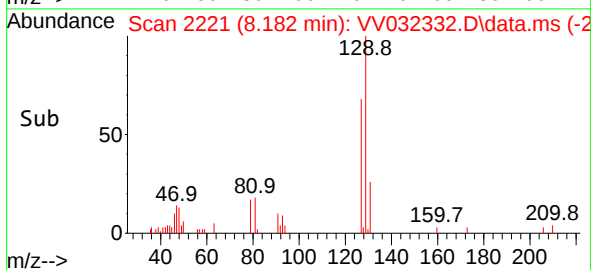
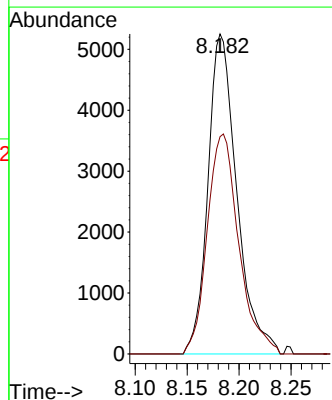
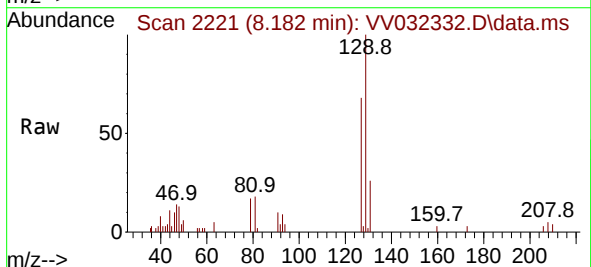
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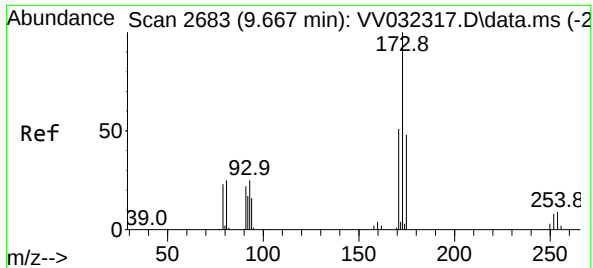
Tgt Ion: 83 Resp: 24557
Ion Ratio Lower Upper
83 100
85 65.7 44.9 83.3
127 8.0 6.9 10.3



#49
Dibromochloromethane
Concen: 1.332 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VV032332.D
Acq: 09 Oct 2023 16:36

Tgt Ion: 129 Resp: 10147
Ion Ratio Lower Upper
129 100
127 67.9 57.2 106.2





#59
 Bromoform
 Concen: 0.198 ug/L
 RT: 9.680 min Scan# 2
 Delta R.T. 0.013 min
 Lab File: VV032332.D
 Acq: 09 Oct 2023 16:36

Instrument :
 MSVOA_V
 ClientSampleId :
 BH582RE

Tgt Ion:	173	Resp:	746
Ion	Ratio	Lower	Upper
173	100		
175	37.5	38.2	57.2#
254	0.0	7.0	10.4#

