

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090923\
 Data File : VV032003.D
 Acq On : 09 Sep 2023 16:18
 Operator : SY/MD
 Sample : 04307-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH4H9

Quant Time: Sep 09 21:55:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 09 21:51:31 2023
 Response via : Initial Calibration

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

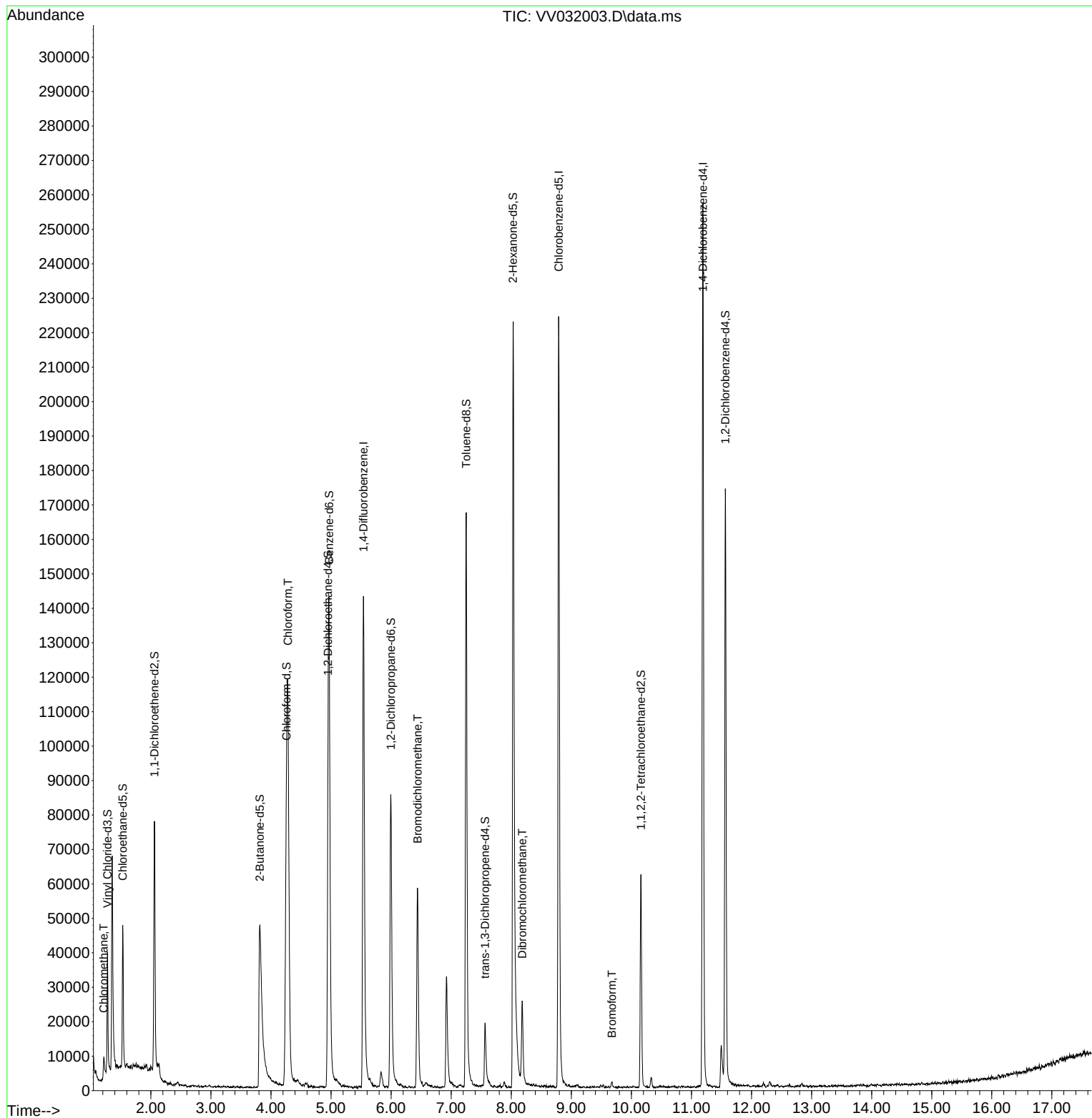
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	122283	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	120935	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	65801	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22113	5.354	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 107.000%		
7) Chloroethane-d5	1.532	69	26123	5.521	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.400%		
11) 1,1-Dichloroethene-d2	2.060	65	12303	5.061	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.200%		
20) 2-Butanone-d5	3.812	46	109387	54.714	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 109.420%		
24) Chloroform-d	4.256	84	68530	4.903	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.000%		
26) 1,2-Dichloroethane-d4	4.950	65	33933	4.711	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 94.200%		
32) Benzene-d6	4.966	84	130005	4.724	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 94.400%		
36) 1,2-Dichloropropane-d6	5.995	67	44085	4.543	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 90.800%		
41) Toluene-d8	7.249	98	112868	4.420	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 88.400%		
43) trans-1,3-Dichloroprop...	7.564	79	12635	3.571	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 71.400%		
46) 2-Hexanone-d5	8.031	63	84014	44.531	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 89.060%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31270	4.491	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 89.800%		
66) 1,2-Dichlorobenzene-d4	11.564	152	41204	3.867	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 77.400%#		
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	3787	0.506	ug/L	100
25) Chloroform	4.281	83	101066	7.715	ug/L	96
38) Bromodichloromethane	6.439	83	41787	4.206	ug/L	98
49) Dibromochloromethane	8.185	129	11947	2.087	ug/L	99
59) Bromoform	9.674	173	729	0.234	ug/L #	96

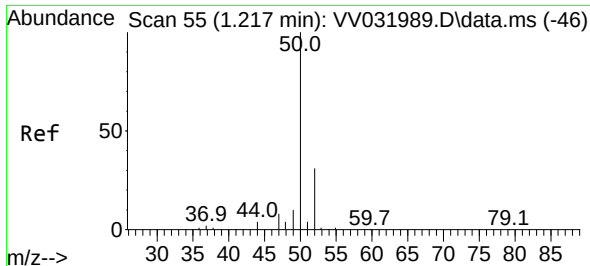
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

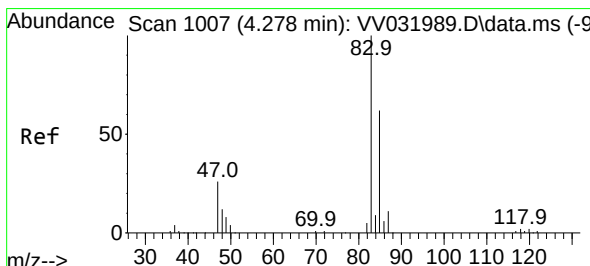
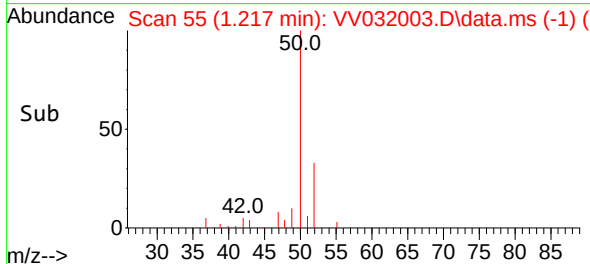
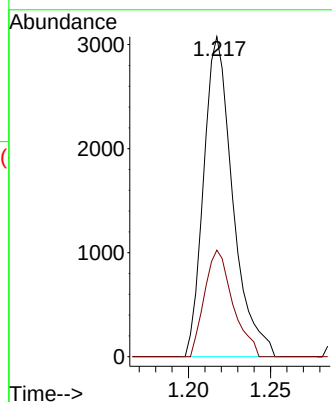
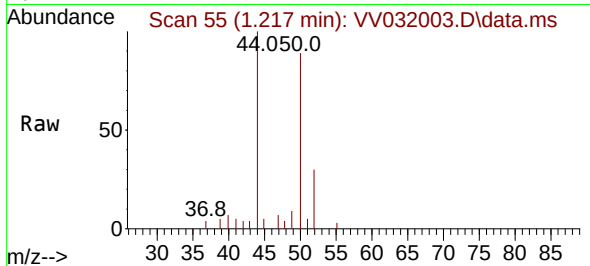




#3
Chloromethane
Concen: 0.506 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV032003.D
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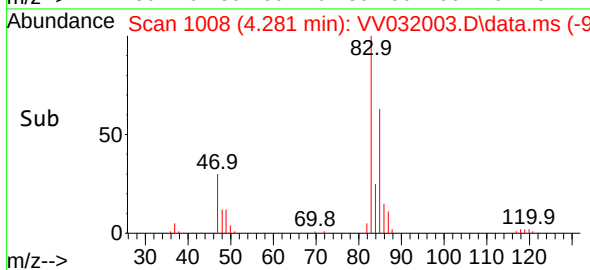
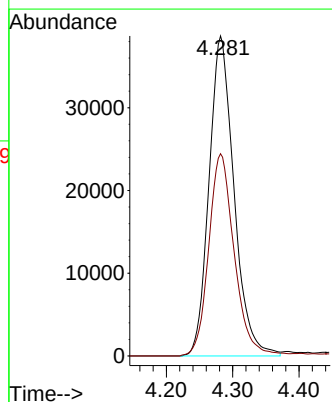
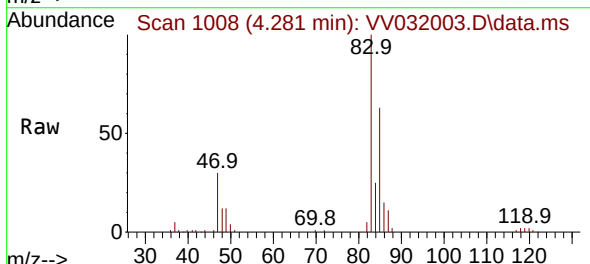
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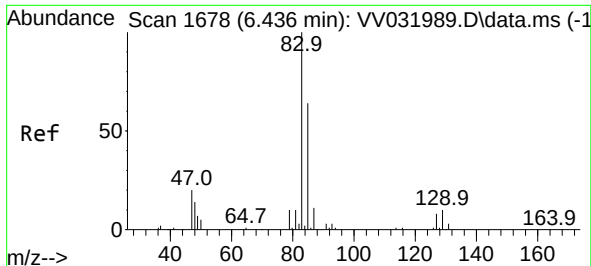
Tgt Ion: 50 Resp: 3787
Ion Ratio Lower Upper
50 100
52 33.3 23.3 43.3



#25
Chloroform
Concen: 7.715 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.003 min
Lab File: VV032003.D
Acq: 09 Sep 2023 16:18

Tgt Ion: 83 Resp: 101066
Ion Ratio Lower Upper
83 100
85 63.2 46.4 86.2

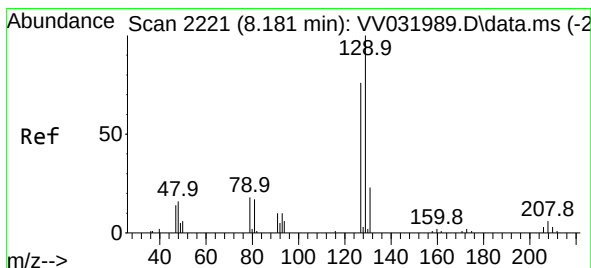
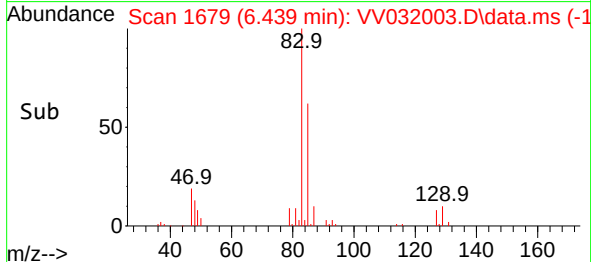
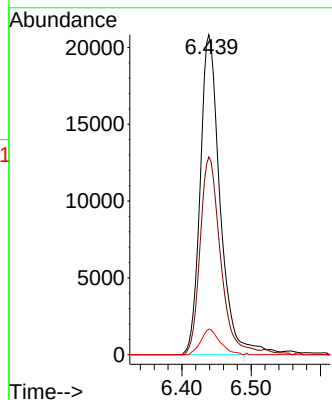
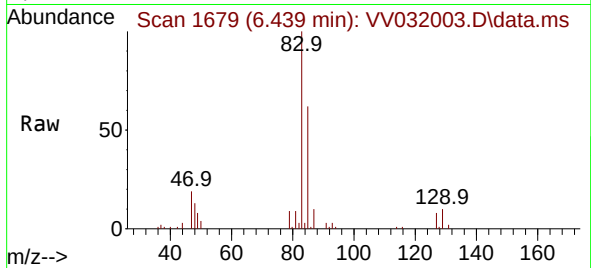




#38
Bromodichloromethane
Concen: 4.206 ug/L
RT: 6.439 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV032003.D
Acq: 09 Sep 2023 16:18

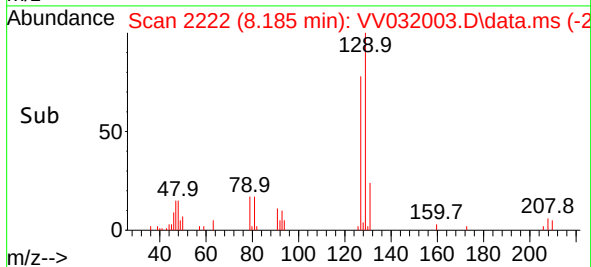
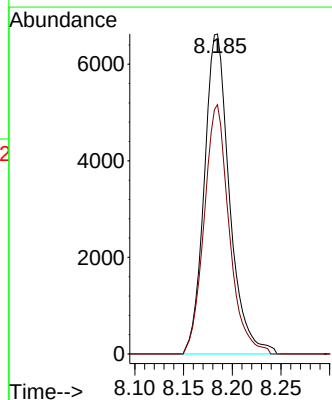
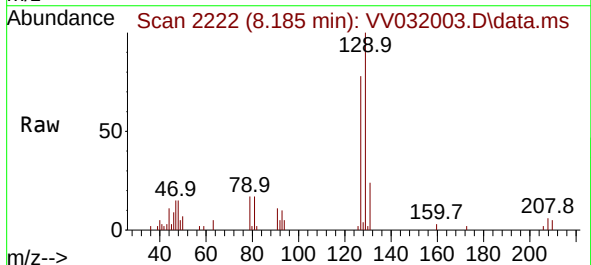
Instrument :
MSVOA_V
ClientSampleId :
BH4H9

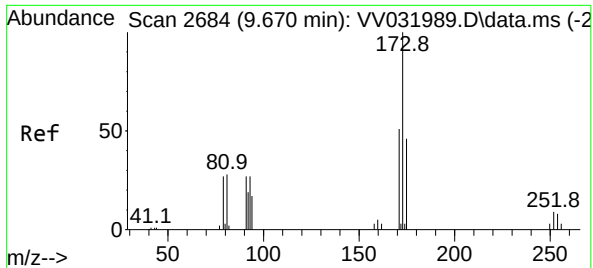
Tgt Ion: 83 Resp: 41787
Ion Ratio Lower Upper
83 100
85 61.8 44.4 82.4
127 8.0 6.2 9.4



#49
Dibromochloromethane
Concen: 2.087 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.003 min
Lab File: VV032003.D
Acq: 09 Sep 2023 16:18

Tgt Ion: 129 Resp: 11947
Ion Ratio Lower Upper
129 100
127 77.9 53.7 99.7





#59
Bromoform
Concen: 0.234 ug/L
RT: 9.674 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV032003.D
Acq: 09 Sep 2023 16:18

Instrument :
MSVOA_V
ClientSampleId :
BH4H9

Tgt Ion:173	Resp:	729
Ion	Ratio	Lower Upper
173	100	
175	47.5	38.0 57.0
254	0.0	6.8 10.2#

