

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031888.D
 Acq On : 24 Aug 2023 00:45
 Operator : SY/MD
 Sample : 04115-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP7

Quant Time: Aug 24 05:01:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:46:53 2023
 Response via : Initial Calibration

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

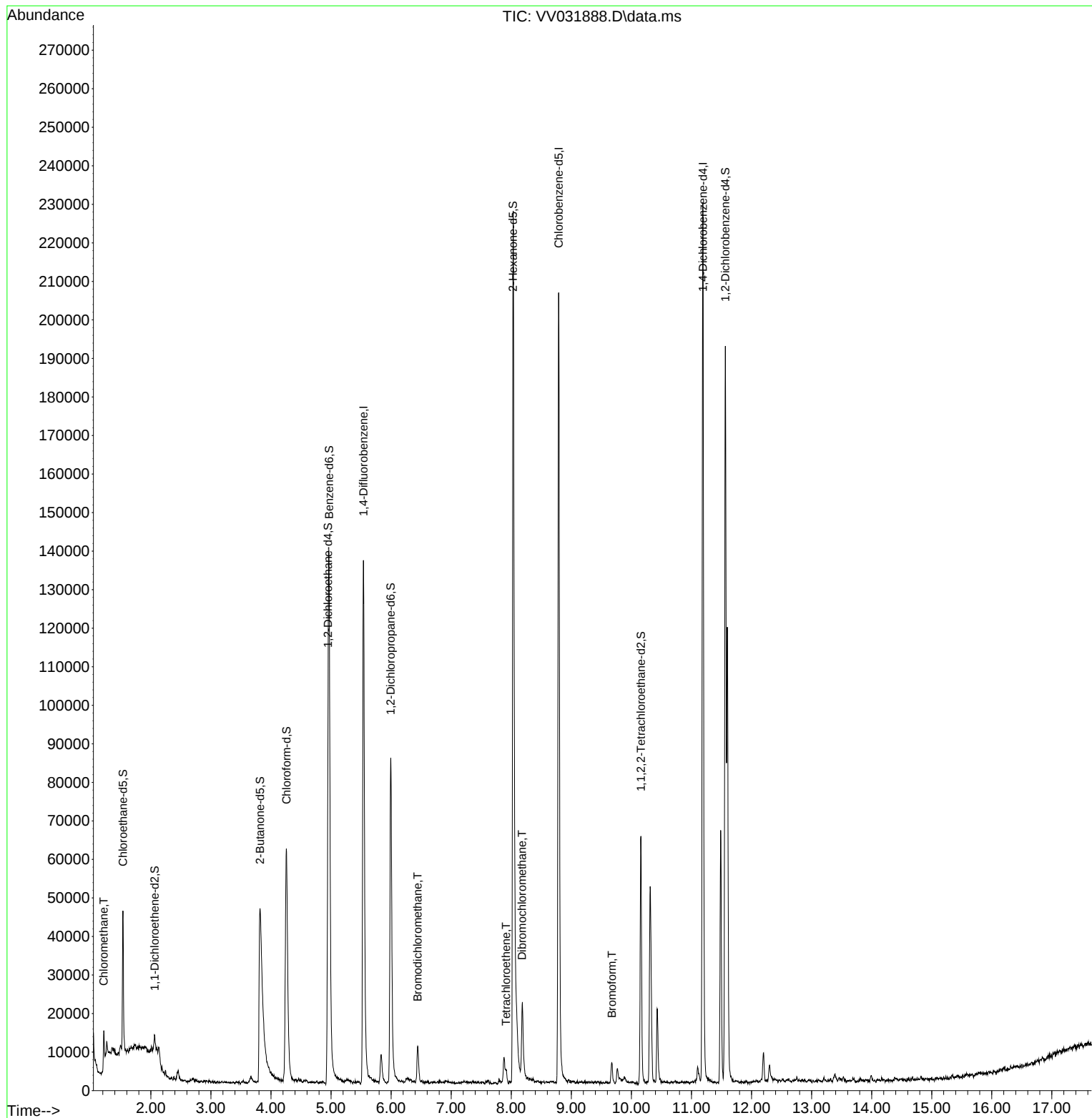
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	118321	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	111879	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	58209	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0d	0.000	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	1.535	69	22967	5.017	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.063	65	970	0.412	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	8.200%#
20) 2-Butanone-d5	3.818	46	114841	59.365	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.740%
24) Chloroform-d	4.256	84	65562	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	4.950	65	35398	5.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	4.966	84	124906	4.906	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	5.992	67	43875	4.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	0.000	98	0d	0.000	ug/L	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.000%#
43) trans-1,3-Dichloroprop...	0.000	79	0d	0.000	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.000%#
46) 2-Hexanone-d5	8.030	63	85178	48.802	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.600%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31325	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	46127	4.893	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
3) Chloromethane	1.217	50	4786	0.661	ug/L	99
38) Bromodichloromethane	6.442	83	7236	0.787	ug/L #	93
47) Tetrachloroethene	7.915	164	794	0.165	ug/L	94
49) Dibromochloromethane	8.181	129	8939	1.688	ug/L	96
59) Bromoform	9.673	173	2458	0.894	ug/L #	91

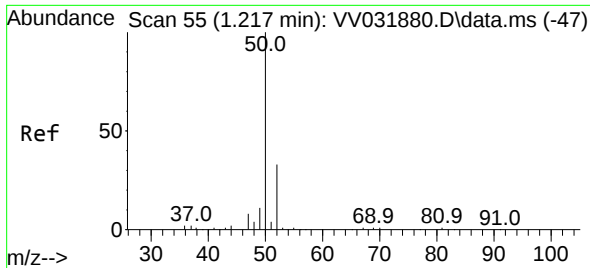
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

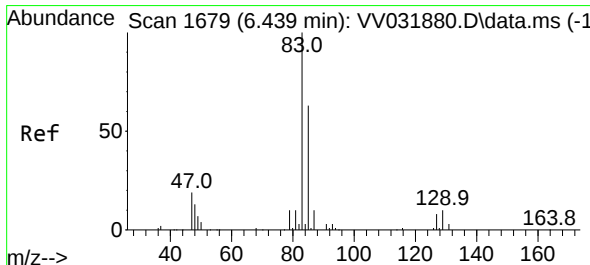
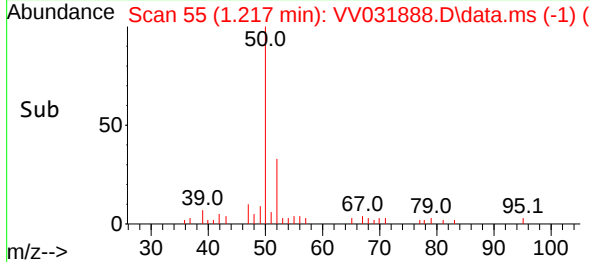
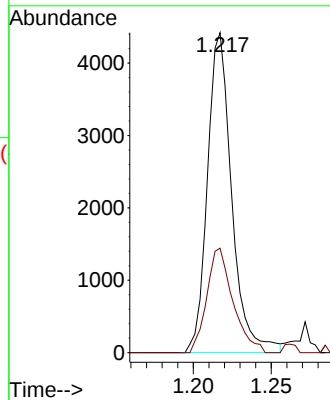
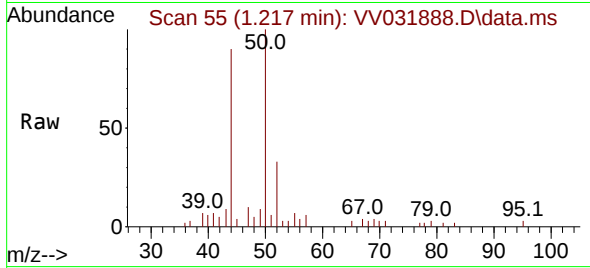




#3
Chloromethane
Concen: 0.661 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031888.D
Acq: 24 Aug 2023 00:45

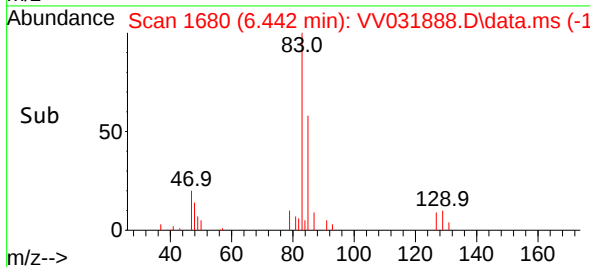
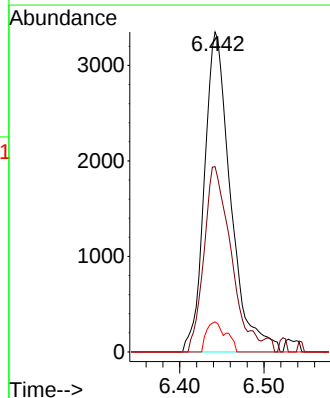
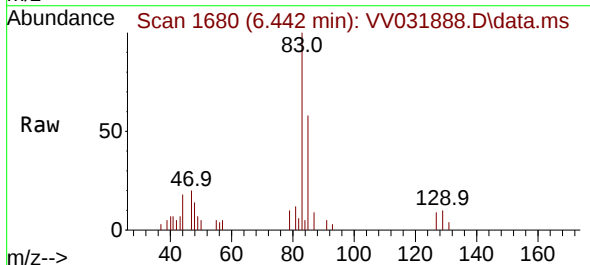
Instrument :
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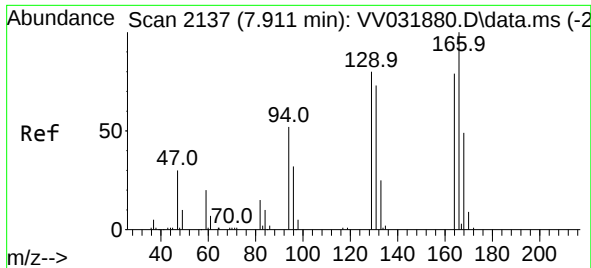
Tgt Ion: 50 Resp: 4786
Ion Ratio Lower Upper
50 100
52 32.6 23.3 43.3



#38
Bromodichloromethane
Concen: 0.787 ug/L
RT: 6.442 min Scan# 1680
Delta R.T. 0.003 min
Lab File: VV031888.D
Acq: 24 Aug 2023 00:45

Tgt Ion: 83 Resp: 7236
Ion Ratio Lower Upper
83 100
85 57.9 44.4 82.4
127 9.4 6.2 9.4#

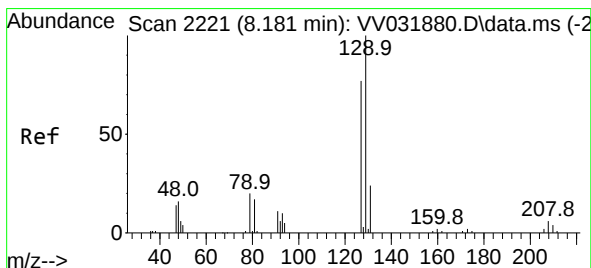
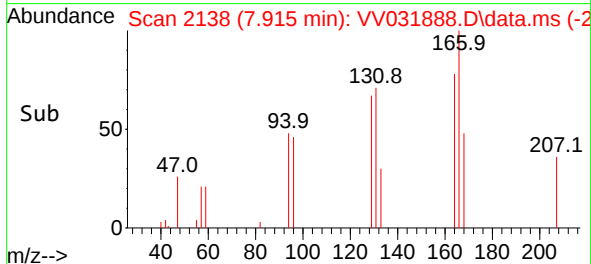
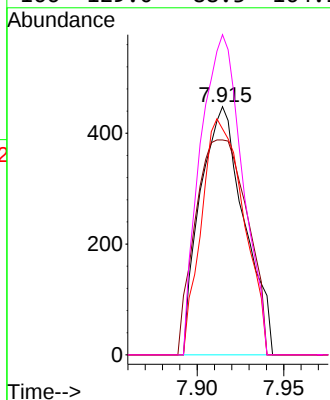
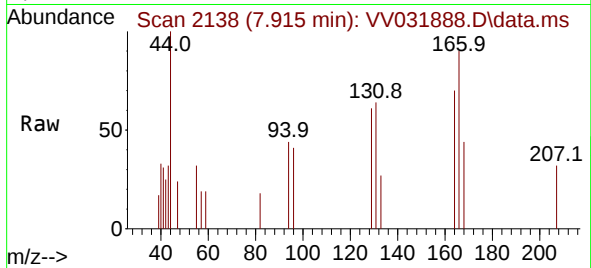




#47
Tetrachloroethene
Concen: 0.165 ug/L
RT: 7.915 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV031888.D
Acq: 24 Aug 2023 00:45

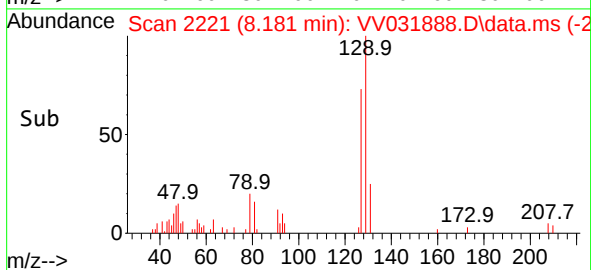
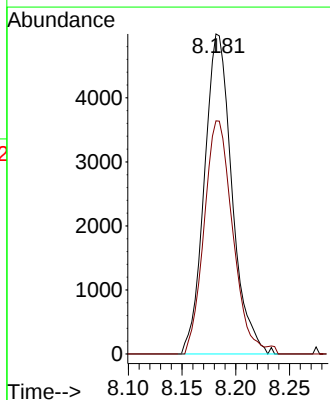
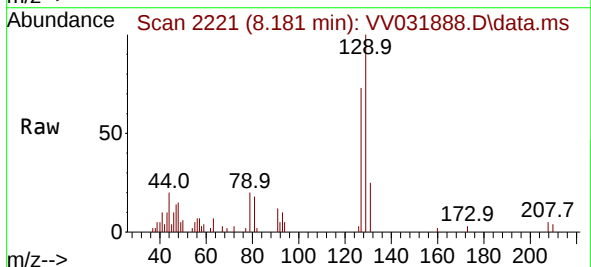
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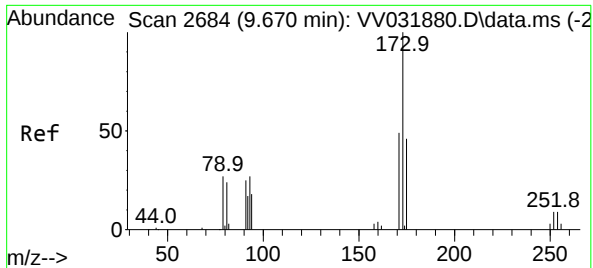
Tgt Ion:	164	Resp:	794
Ion	Ratio	Lower	Upper
164	100		
129	86.6	70.6	131.2
131	91.1	64.6	120.0
166	129.0	88.3	164.1



#49
Dibromochloromethane
Concen: 1.688 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031888.D
Acq: 24 Aug 2023 00:45

Tgt Ion:	129	Resp:	8939
Ion	Ratio	Lower	Upper
129	100		
127	72.9	53.7	99.7





#59
 Bromoform
 Concen: 0.894 ug/L
 RT: 9.673 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VV031888.D
 Acq: 24 Aug 2023 00:45

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP7

Tgt Ion:173 Resp: 2458
 Ion Ratio Lower Upper
 173 100
 175 42.4 38.0 57.0
 254 2.6 6.8 10.2#

