

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031901.D
 Acq On : 24 Aug 2023 11:22
 Operator : SY/MD
 Sample : 04115-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP5

Quant Time: Aug 24 12:44:56 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)

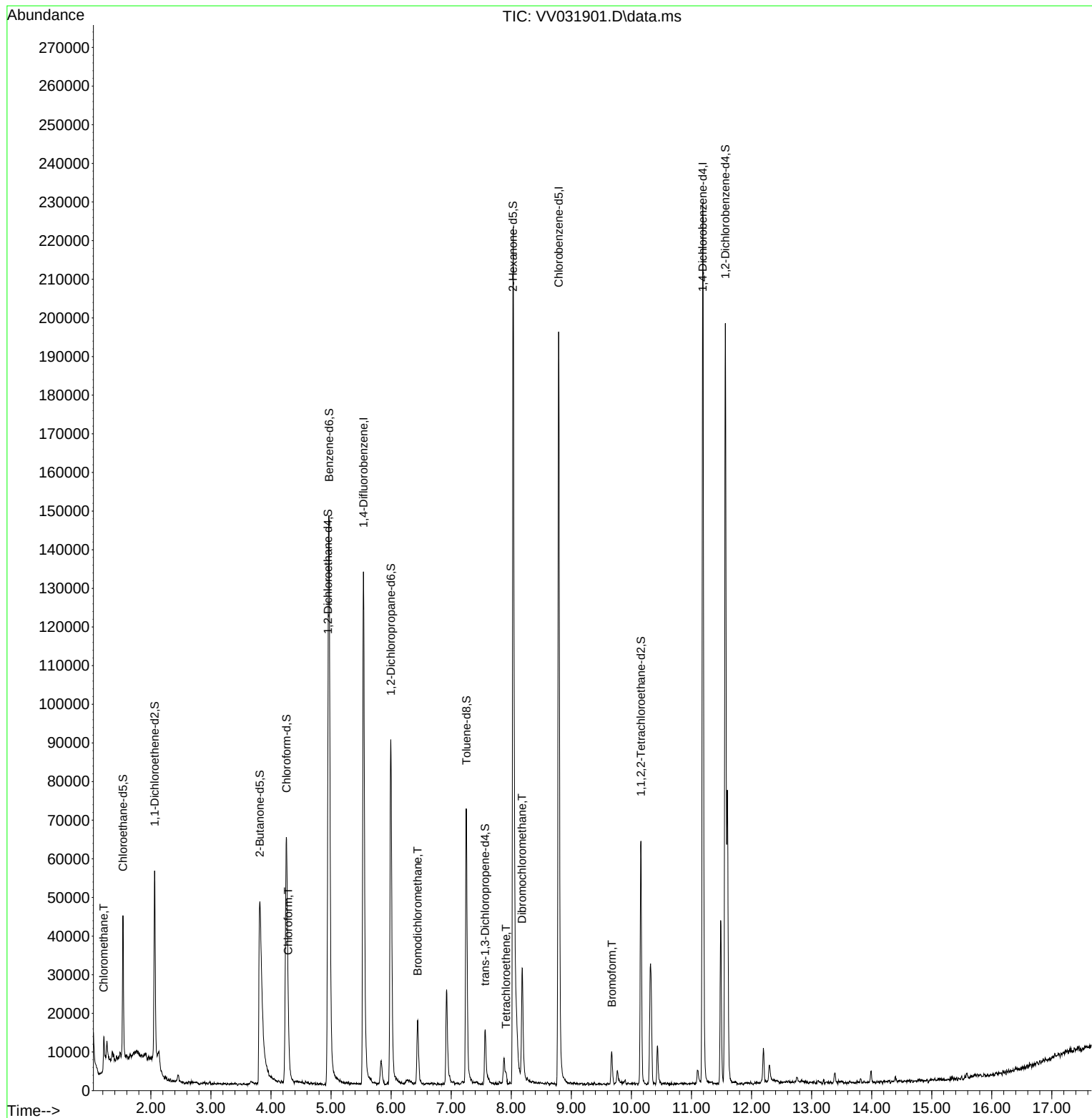
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	115491	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	108152	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	56189	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0d	0.000	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	1.536	69	23465	5.251	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.063	65	9016	3.927	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	3.815	46	109380	57.928	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.860%
24) Chloroform-d	4.256	84	67321	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	4.950	65	35355	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	4.966	84	135878	5.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.400%
36) 1,2-Dichloropropane-d6	5.995	67	45976	5.298	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.252	98	50496	2.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	44.200%#
43) trans-1,3-Dichloroprop...	7.564	79	9907	3.131	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.600%
46) 2-Hexanone-d5	8.030	63	83289	49.364	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.720%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	32056	5.149	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	47884	5.262	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	4567	0.646	ug/L	93
25) Chloroform	4.288	83	7427	0.600	ug/L	99
38) Bromodichloromethane	6.442	83	11845	1.333	ug/L	94
47) Tetrachloroethene	7.915	164	650	0.140	ug/L	95
49) Dibromochloromethane	8.182	129	14295	2.792	ug/L	97
59) Bromoform	9.673	173	3681	1.387	ug/L	94

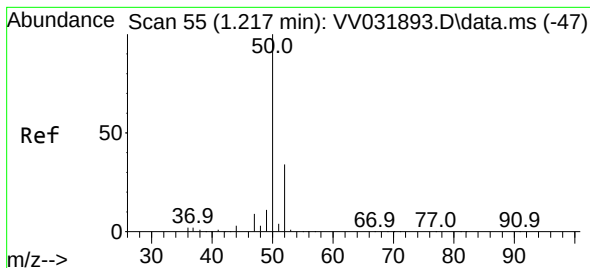
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.646 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV031901.D

Acq: 24 Aug 2023 11:22

Instrument :

MSVOA_V

ClientSampleId :

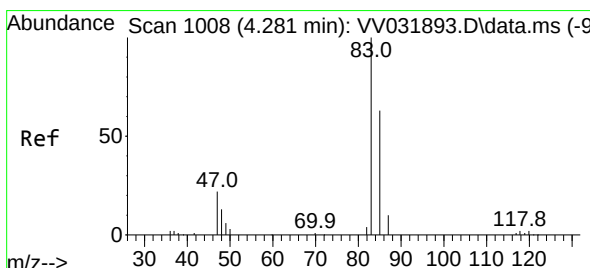
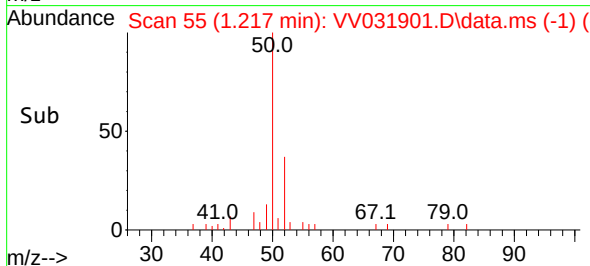
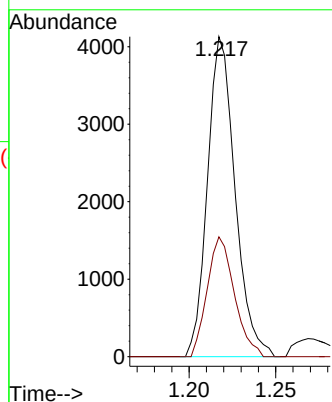
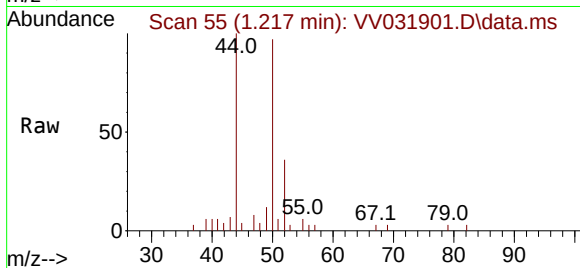
C0AP5

Tgt Ion: 50 Resp: 4567

Ion Ratio Lower Upper

50 100

52 37.5 23.3 43.3



#25

Chloroform

Concen: 0.600 ug/L

RT: 4.288 min Scan# 1010

Delta R.T. 0.006 min

Lab File: VV031901.D

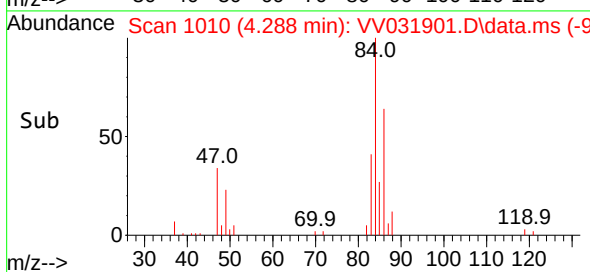
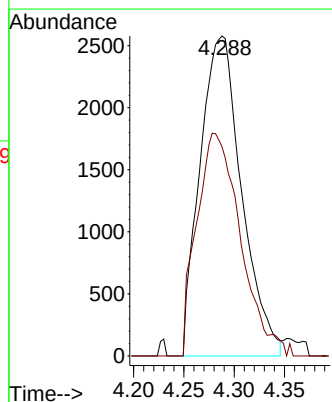
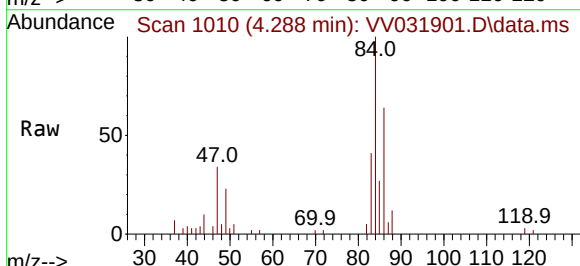
Acq: 24 Aug 2023 11:22

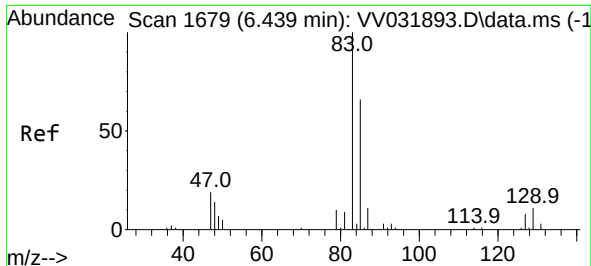
Tgt Ion: 83 Resp: 7427

Ion Ratio Lower Upper

83 100

85 65.4 46.4 86.2

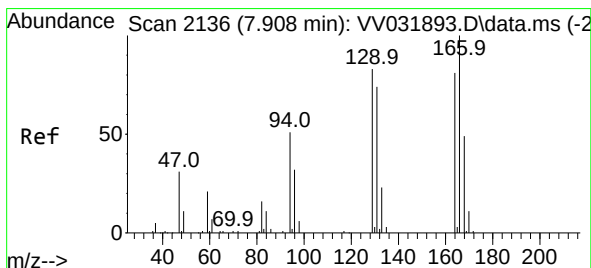
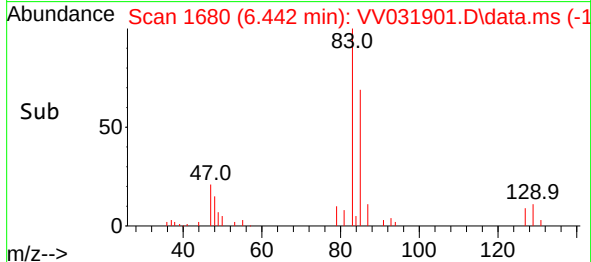
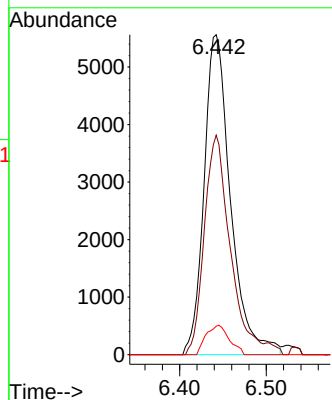
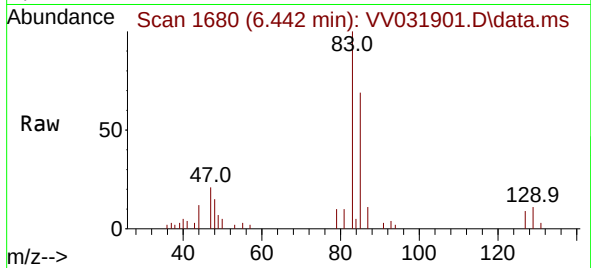




#38
Bromodichloromethane
Concen: 1.333 ug/L
RT: 6.442 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV031901.D
Acq: 24 Aug 2023 11:22

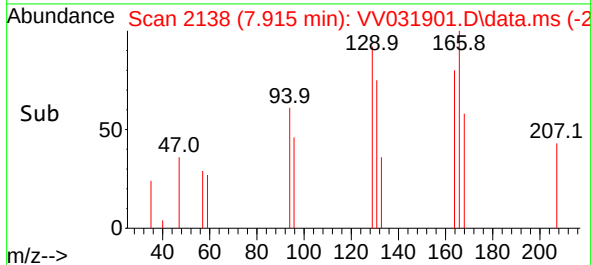
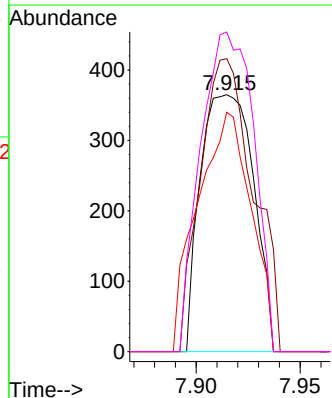
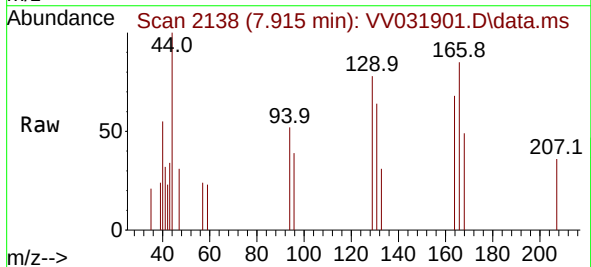
Instrument :
MSVOA_V
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C0AP5

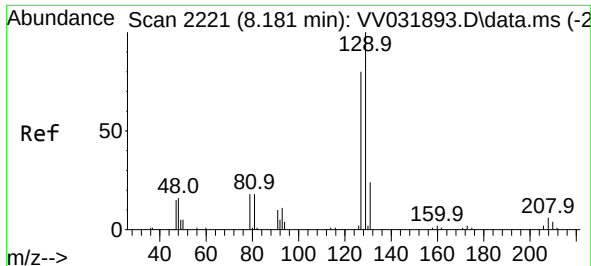
Tgt Ion:	83	Resp:	11845
Ion	Ratio	Lower	Upper
83	100		
85	68.6	44.4	82.4
127	8.9	6.2	9.4



#47
Tetrachloroethene
Concen: 0.140 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV031901.D
Acq: 24 Aug 2023 11:22

Tgt Ion:	164	Resp:	650
Ion	Ratio	Lower	Upper
164	100		
129	114.0	70.6	131.2
131	93.2	64.6	120.0
166	124.4	88.3	164.1





#49

Dibromochloromethane

Concen: 2.792 ug/L

RT: 8.182 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031901.D

Acq: 24 Aug 2023 11:22

Instrument :

MSVOA_V

ClientSampleId :

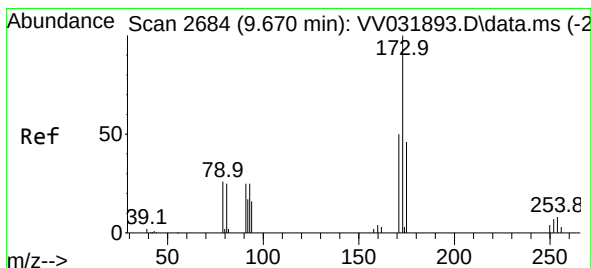
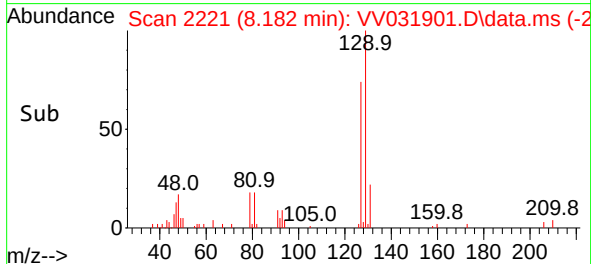
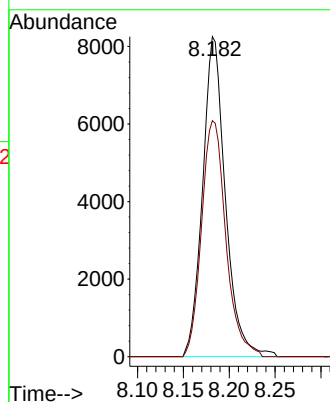
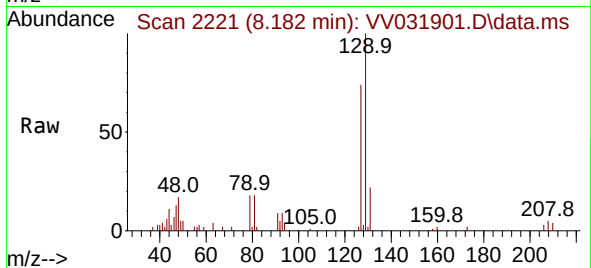
C0AP5

Tgt Ion:129 Resp: 14295

Ion Ratio Lower Upper

129 100

127 73.8 53.7 99.7



#59

Bromoform

Concen: 1.387 ug/L

RT: 9.673 min Scan# 2685

Delta R.T. 0.003 min

Lab File: VV031901.D

Acq: 24 Aug 2023 11:22

Tgt Ion:173 Resp: 3681

Ion Ratio Lower Upper

173 100

175 51.9 38.0 57.0

254 8.1 6.8 10.2

