

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031912.D
 Acq On : 24 Aug 2023 16:24
 Operator : SY/MD
 Sample : 04158-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ4

Quant Time: Aug 25 00:59:17 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)

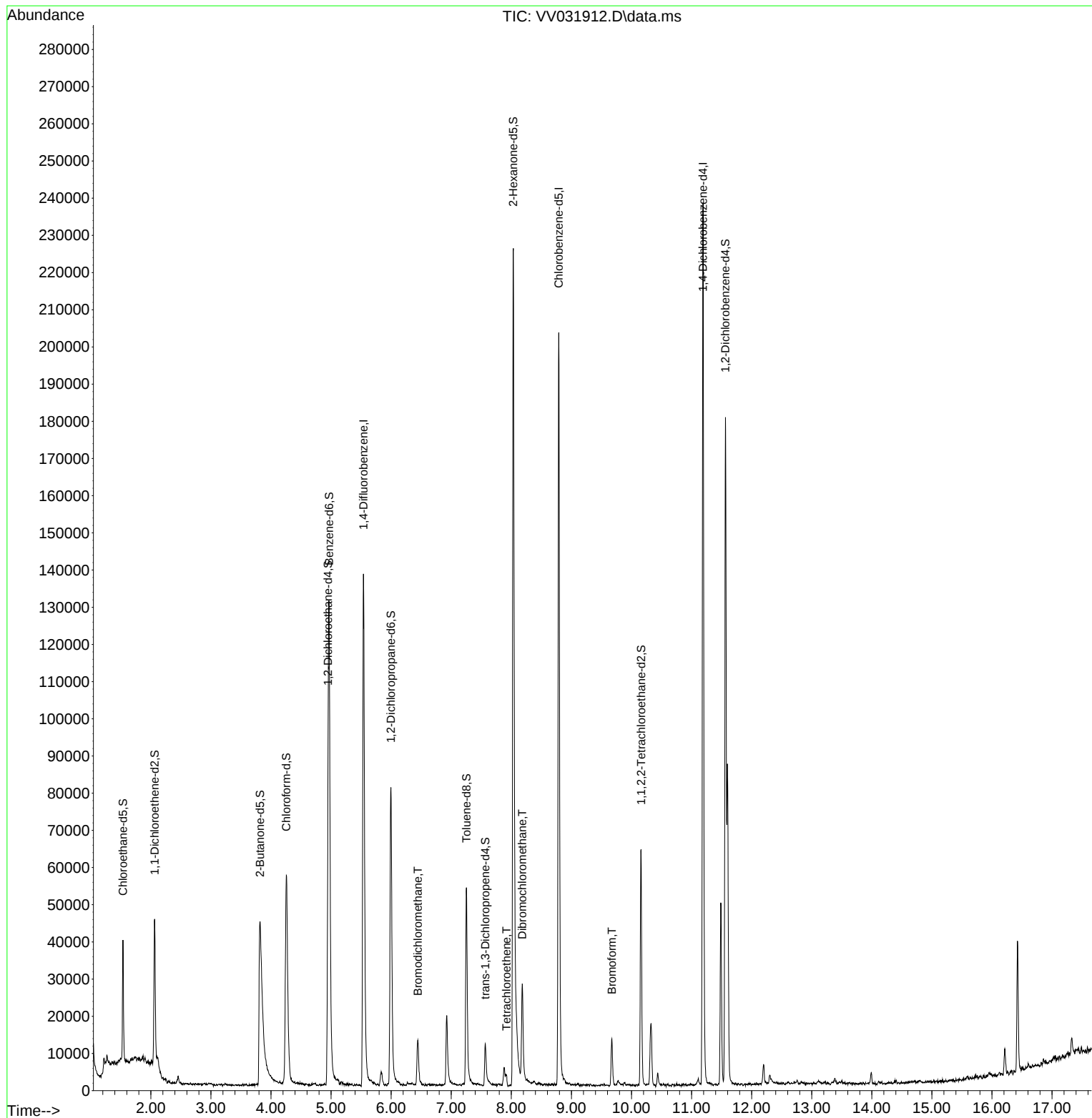
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	119181	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	110395	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	58774	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0d	0.000	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	1.535	69	20932	4.539	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.063	65	7346	3.101	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.818	46	109832	56.366	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.740%
24) Chloroform-d	4.256	84	61454	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	4.950	65	32790	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	4.966	84	119524	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	5.995	67	41301	4.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.252	98	37353	1.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	32.000%#
43) trans-1,3-Dichloroprop...	7.567	79	7754	2.400	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	48.000%#
46) 2-Hexanone-d5	8.030	63	87987	51.089	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.180%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	32112	5.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	42692	4.485	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
38) Bromodichloromethane	6.442	83	9520	1.050	ug/L	94
47) Tetrachloroethene	7.921	164	499	0.105	ug/L	87
49) Dibromochloromethane	8.181	129	12897	2.468	ug/L	97
59) Bromoform	9.673	173	5510	1.984	ug/L	98

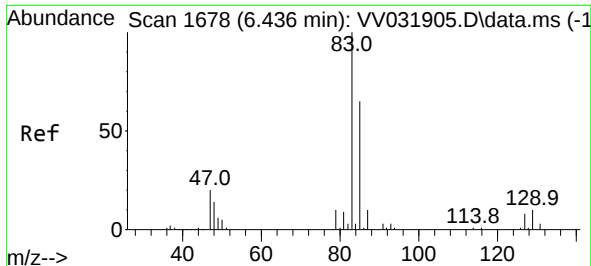
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 25 00:56:34 2023
Response via : Initial Calibration

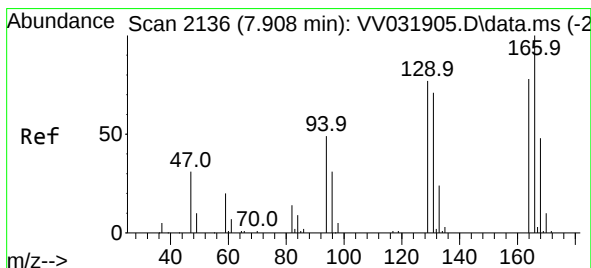
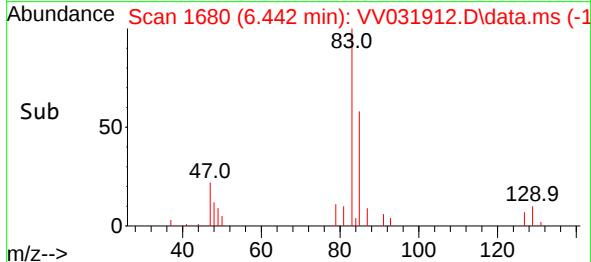
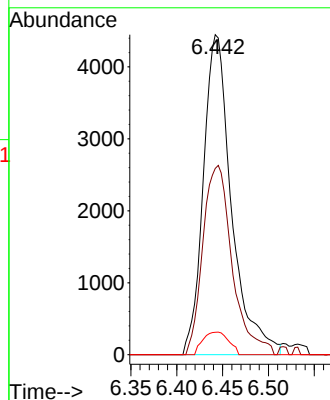
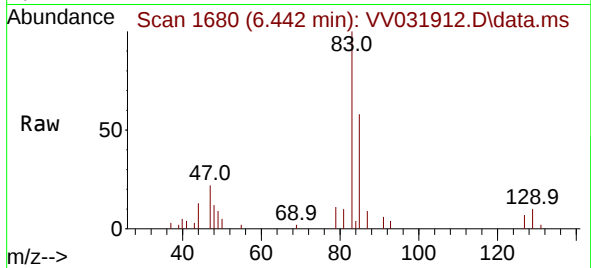




#38
Bromodichloromethane
Concen: 1.050 ug/L
RT: 6.442 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV031912.D
Acq: 24 Aug 2023 16:24

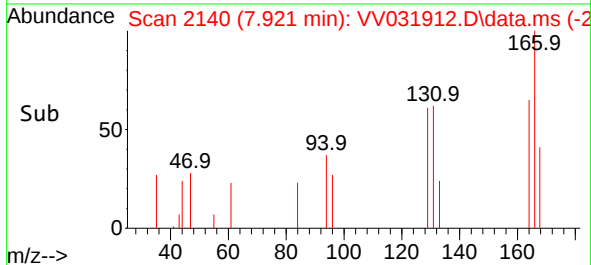
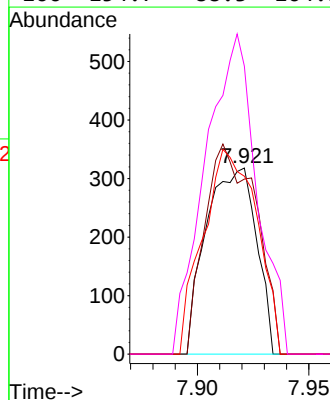
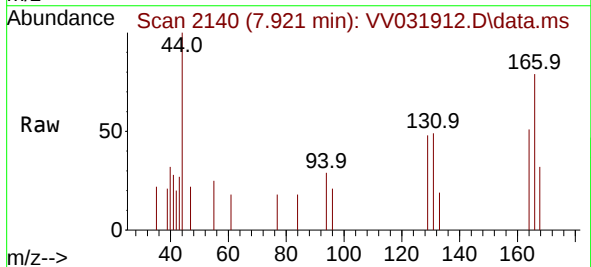
Instrument :
MSVOA_V
ClientSampleId :
C0AQ4

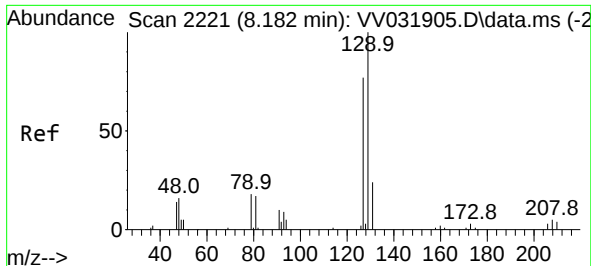
Tgt Ion: 83	Resp:	9520	
Ion Ratio	Lower	Upper	
83	100		
85	58.2	44.4	82.4
127	7.0	6.2	9.4



#47
Tetrachloroethene
Concen: 0.105 ug/L
RT: 7.921 min Scan# 2140
Delta R.T. 0.013 min
Lab File: VV031912.D
Acq: 24 Aug 2023 16:24

Tgt	Ion:164	Resp:	499
Ion	Ratio	Lower	Upper
164	100		
129	94.0	70.6	131.2
131	95.6	64.6	120.0
166	154.7	88.3	164.1





#49

Dibromochloromethane

Concen: 2.468 ug/L

RT: 8.181 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV031912.D

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Instrument :

MSVOA_V

ClientSampleId :

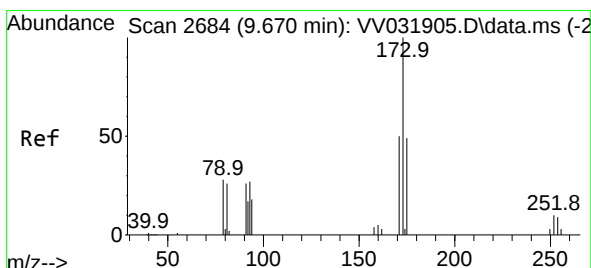
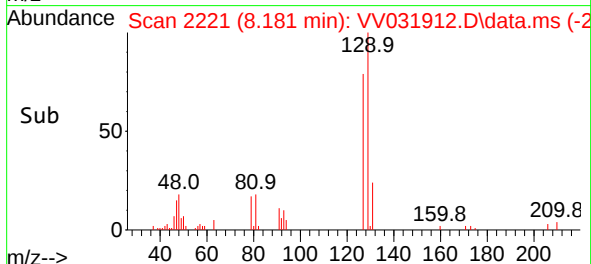
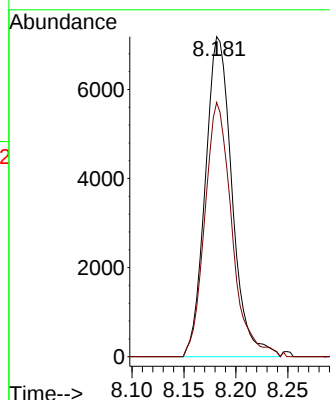
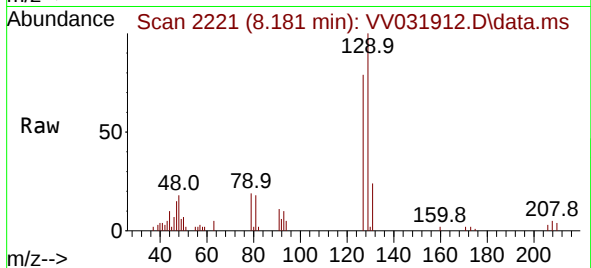
C0AQ4

Tgt Ion:129 Resp: 12897

Ion Ratio Lower Upper

129 100

127 79.5 53.7 99.7



#59

Bromoform

Concen: 1.984 ug/L

RT: 9.673 min Scan# 2685

Delta R.T. 0.003 min

Lab File: VV031912.D

Acq: 24 Aug 2023 16:24

Tgt Ion:173 Resp: 5510

Ion Ratio Lower Upper

173 100

175 48.5 38.0 57.0

254 7.3 6.8 10.2

