

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101223\
 Data File : VW032416.D
 Acq On : 12 Oct 2023 14:59
 Operator : SY/MD
 Sample : 04851-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B13

Quant Time: Oct 12 22:38:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 22:36:28 2023
 Response via : Initial Calibration

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

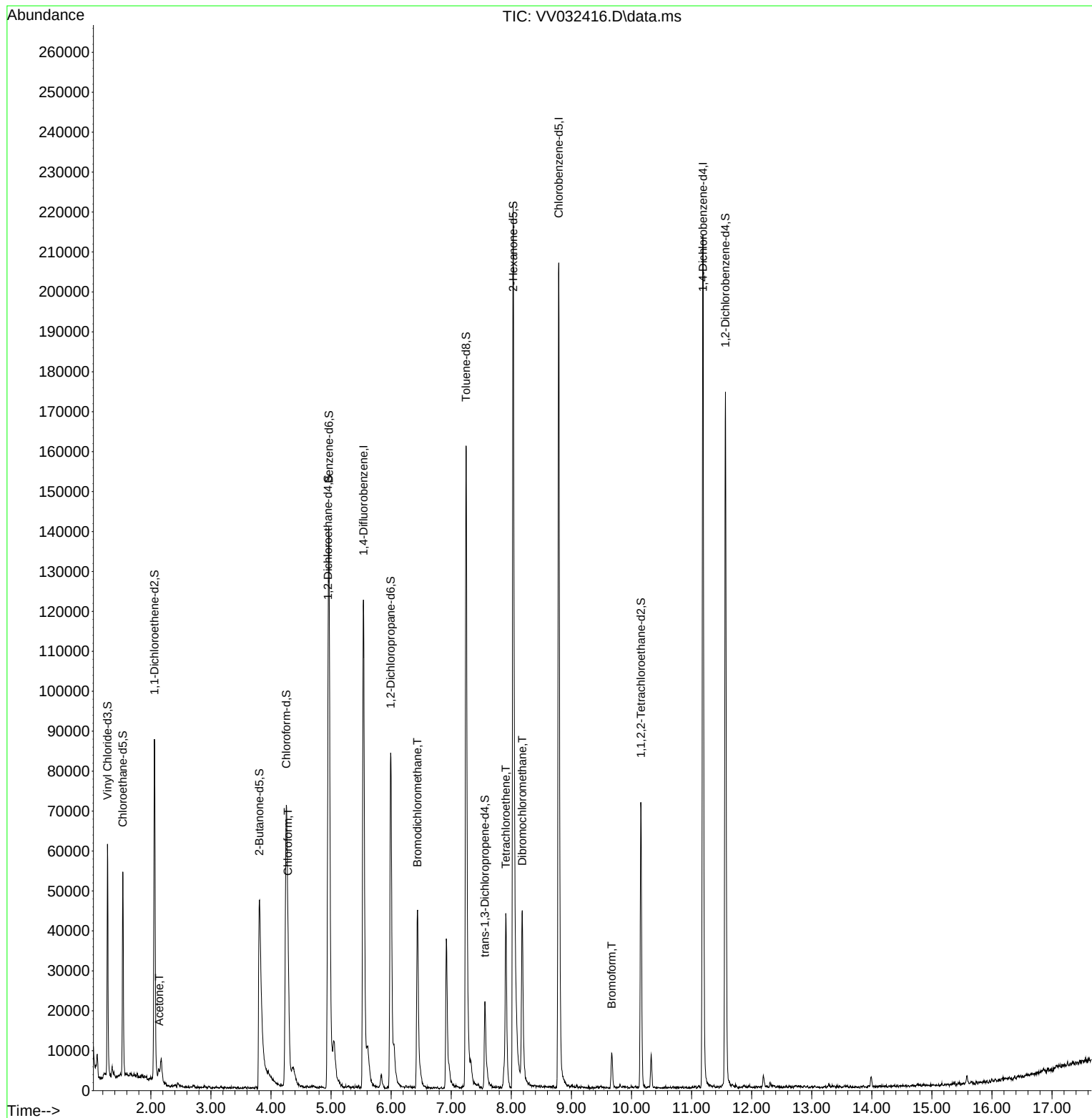
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	108145	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	119078	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	56074	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36333	4.131	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.532	69	32069	4.492	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.060	65	14643	3.948	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	3.805	46	99751	44.833	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.660%
24) Chloroform-d	4.252	84	69692	4.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	4.950	65	32773	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	4.963	84	125917	3.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.800%
36) 1,2-Dichloropropane-d6	5.992	67	42533	3.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.200%
41) Toluene-d8	7.246	98	117512	3.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	7.561	79	14630	3.556	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.030	63	83765	43.278	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.560%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36030	4.437	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	45295	4.353	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
13) Acetone	2.140	43	2966	1.730	ug/L	65
25) Chloroform	4.281	83	26018	1.552	ug/L	94
38) Bromodichloromethane	6.436	83	35586	2.671	ug/L	94
47) Tetrachloroethene	7.908	164	10678	1.230	ug/L	95
49) Dibromochloromethane	8.182	129	22964	2.789	ug/L	97
59) Bromoform	9.670	173	4290	1.052	ug/L #	96

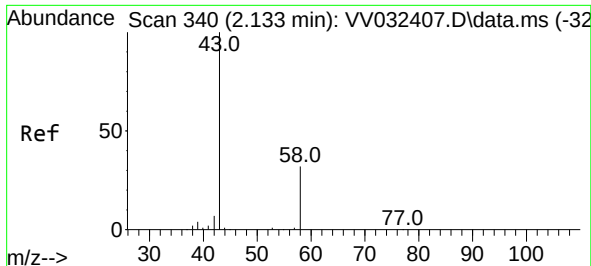
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.730 ug/L

RT: 2.140 min Scan# 34

Delta R.T. 0.006 min

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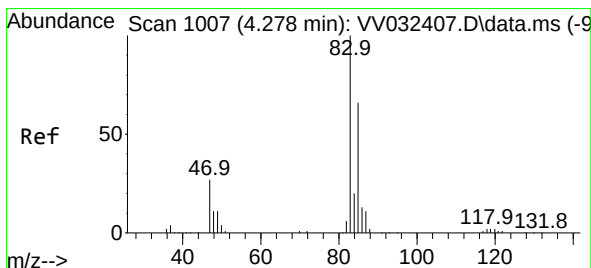
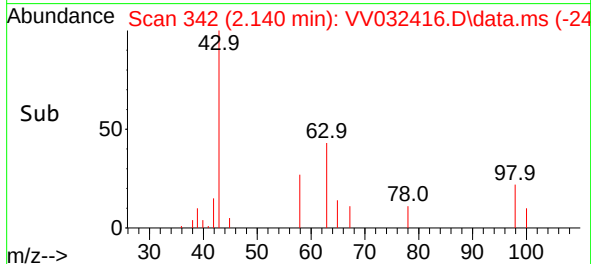
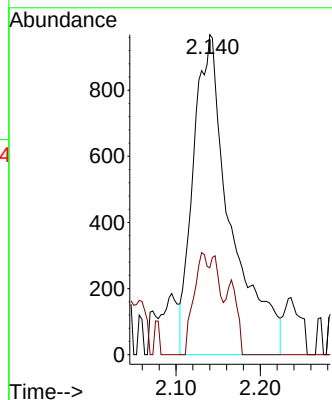
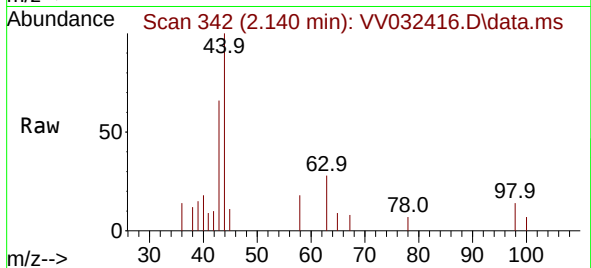
C0B13

Tgt Ion: 43 Resp: 2966

Ion Ratio Lower Upper

43 100

58 13.3 0.0 66.0



#25

Chloroform

Concen: 1.552 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.003 min

Lab File: VV032416.D

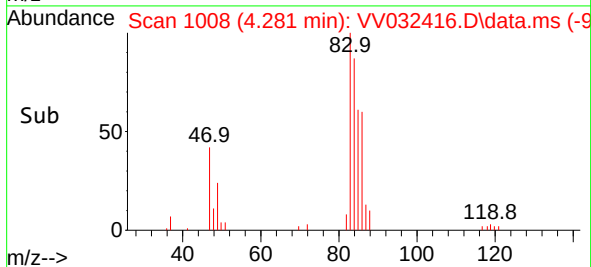
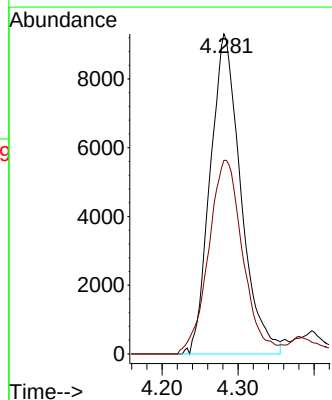
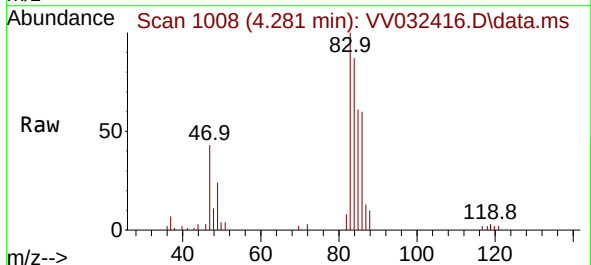
Acq: 12 Oct 2023 14:59

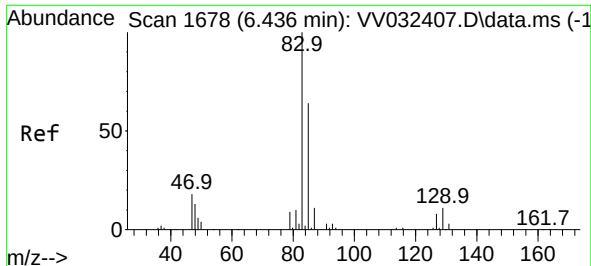
Tgt Ion: 83 Resp: 26018

Ion Ratio Lower Upper

83 100

85 60.5 45.4 84.4

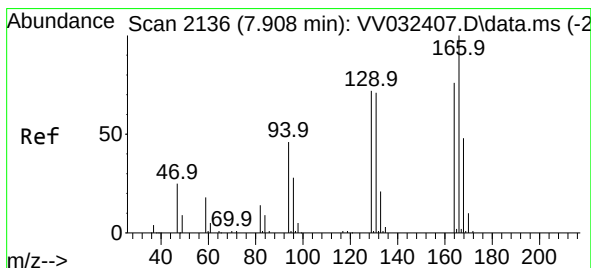
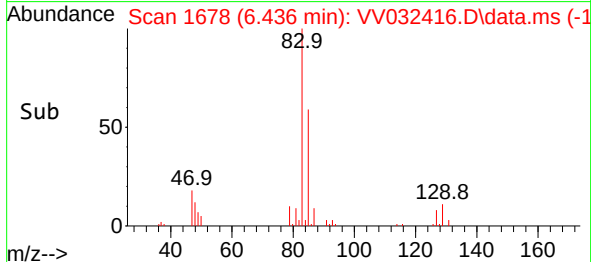
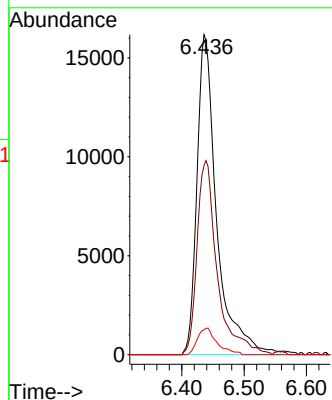
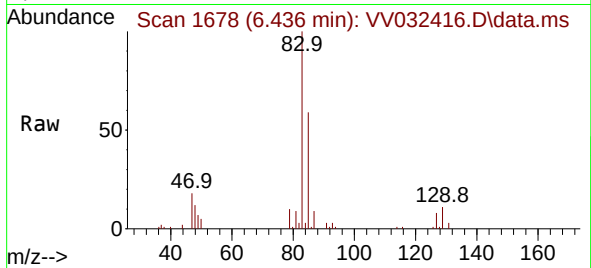




#38
Bromodichloromethane
Concen: 2.671 ug/L
RT: 6.436 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV032416.D
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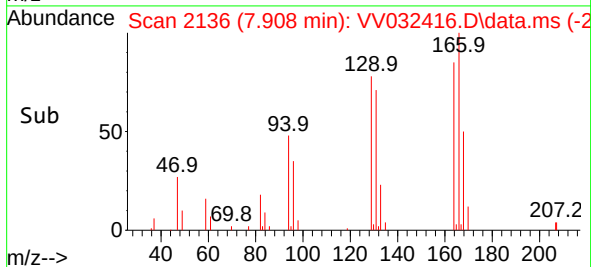
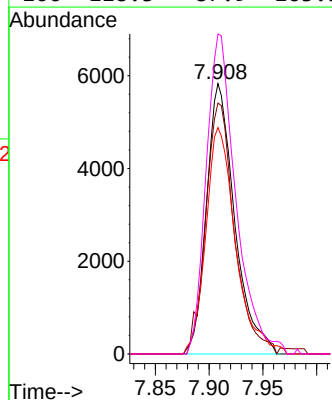
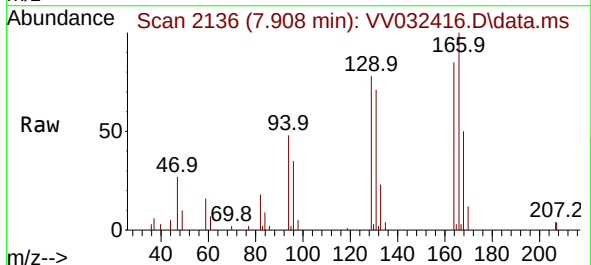
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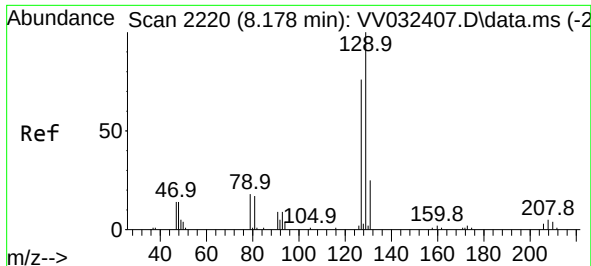
Tgt Ion: 83 Resp: 35586
Ion Ratio Lower Upper
83 100
85 59.1 44.9 83.3
127 7.8 6.9 10.3



#47
Tetrachloroethene
Concen: 1.230 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032416.D
Acq: 12 Oct 2023 14:59

Tgt Ion: 164 Resp: 10678
Ion Ratio Lower Upper
164 100
129 92.8 66.4 123.4
131 83.7 63.7 118.3
166 118.3 87.9 163.3





#49

Dibromochloromethane

Concen: 2.789 ug/L

RT: 8.182 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032416.D

Acq: 12 Oct 2023 14:59

Instrument :

MSVOA_V

ClientSampleId :

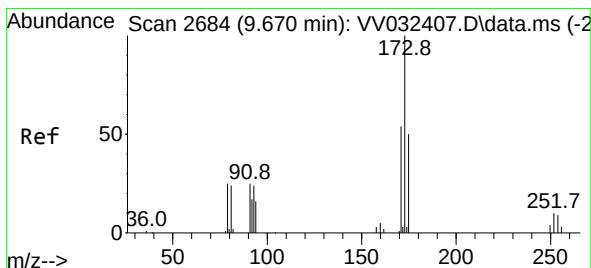
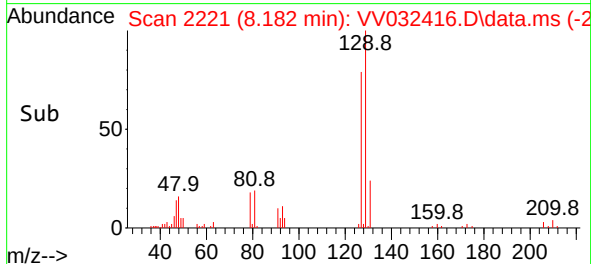
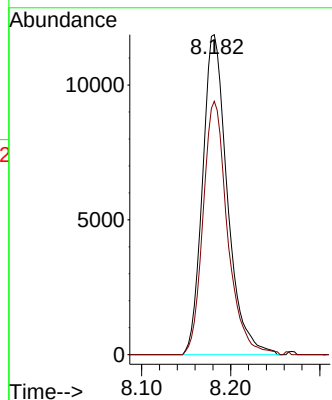
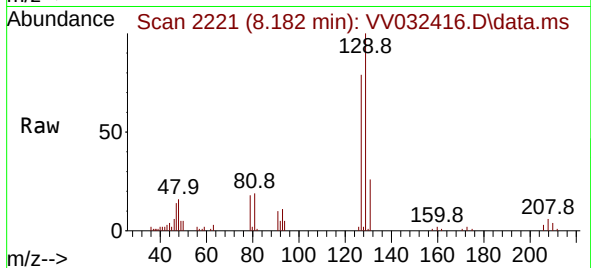
C0B13

Tgt Ion:129 Resp: 22964

Ion Ratio Lower Upper

129 100

127 79.2 57.2 106.2



#59

Bromoform

Concen: 1.052 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.000 min

Lab File: VV032416.D

Acq: 12 Oct 2023 14:59

Tgt Ion:173 Resp: 4290

Ion Ratio Lower Upper

173 100

175 45.0 38.2 57.2

254 6.6 7.0 10.4#

