

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091123\
 Data File : VV032036.D
 Acq On : 11 Sep 2023 19:10
 Operator : SY/MD
 Sample : 04306-16 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH4L2

Quant Time: Sep 12 06:02:04 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)

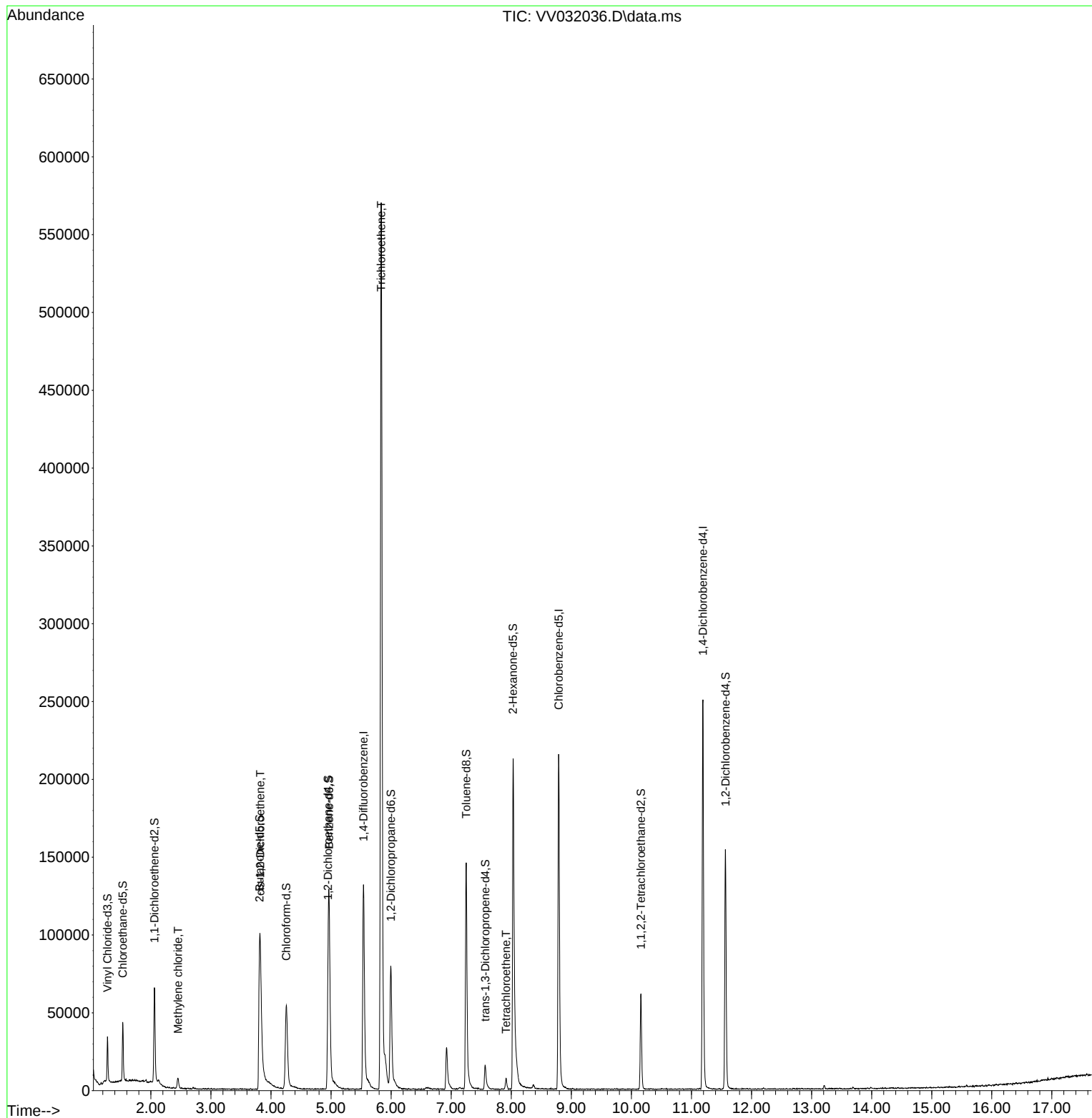
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	113170	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	117276	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	62560	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	18571	4.859	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.200%	
7) Chloroethane-d5	1.532	69	24132	5.511	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	110.200%	
11) 1,1-Dichloroethene-d2	2.060	65	11045	4.910	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.200%	
20) 2-Butanone-d5	3.809	46	107679	58.196	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.400%	
24) Chloroform-d	4.256	84	57529	4.447	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
26) 1,2-Dichloroethane-d4	4.950	65	31150	4.673	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
32) Benzene-d6	4.966	84	114744	4.300	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
36) 1,2-Dichloropropane-d6	5.995	67	40150	4.266	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.400%	
41) Toluene-d8	7.249	98	100290	4.050	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.000%	
43) trans-1,3-Dichloroprop...	7.567	79	10637	3.100	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	62.000%	
46) 2-Hexanone-d5	8.030	63	80081	43.770	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.540%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31075	4.603	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.000%	
66) 1,2-Dichlorobenzene-d4	11.567	152	37872	3.738	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	74.800%#	
Target Compounds						Qvalue
16) Methylene chloride	2.452	84	2548	0.308	ug/L	84
22) cis-1,2-Dichloroethene	3.822	96	28381	4.266	ug/L	99
34) Trichloroethene	5.834	95	214567	27.176	ug/L	98
47) Tetrachloroethene	7.915	164	1657	0.329	ug/L	92

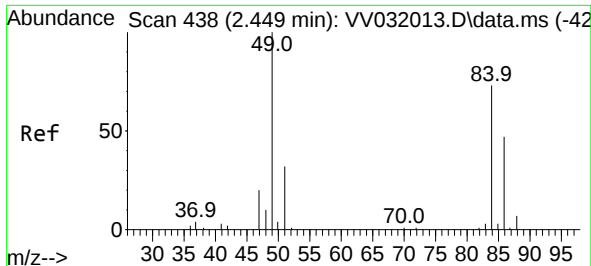
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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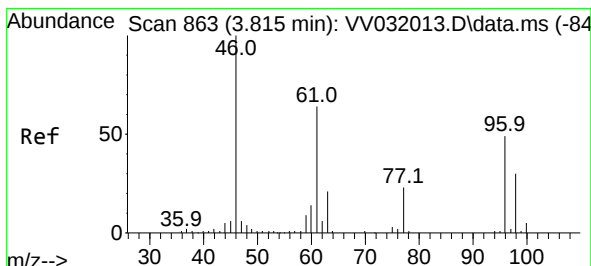
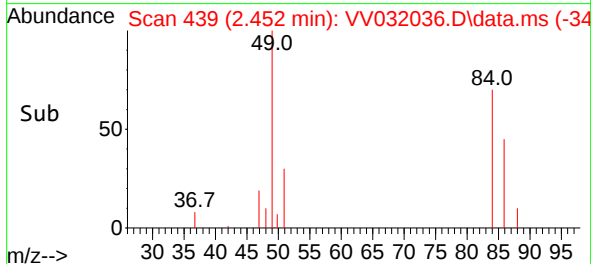
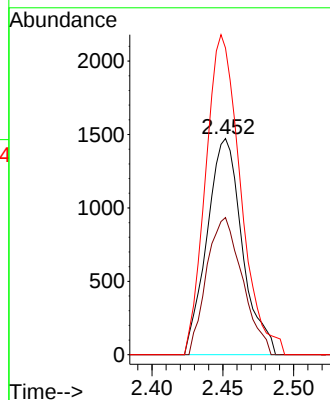
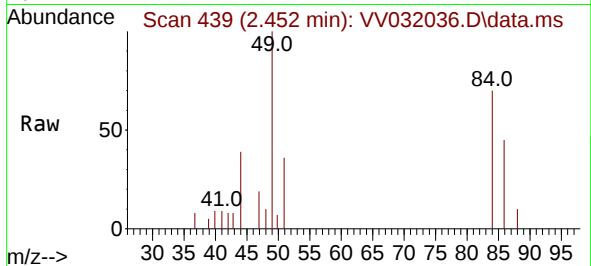


#16
Methylene chloride
Concen: 0.308 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV032036.D
Acq: 11 Sep 2023 19:10

Instrument :
MSVOA_V
ClientSampleId :
BH4L2

Tgt Ion: 84 Resp: 2548

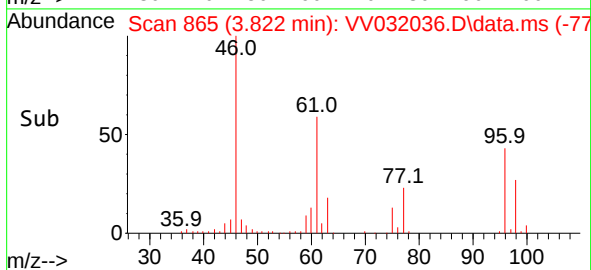
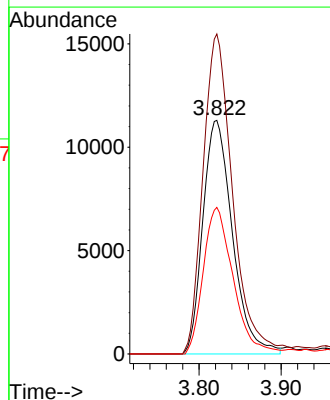
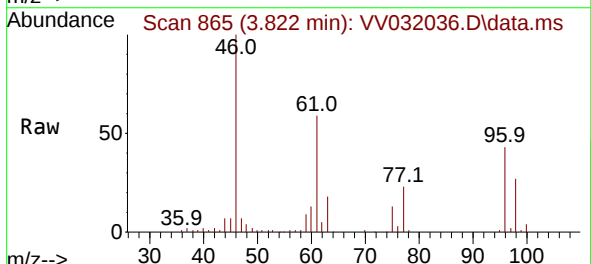
Ion	Ratio	Lower	Upper
84	100		
86	63.4	42.6	79.2
49	152.0	88.5	164.4

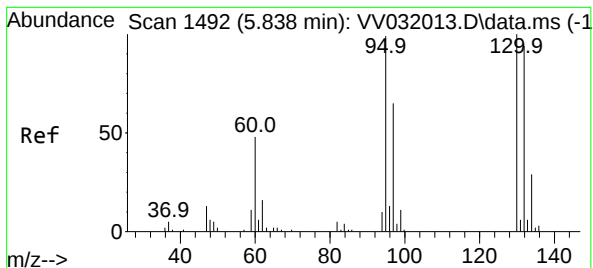


#22
cis-1,2-Dichloroethene
Concen: 4.266 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.007 min
Lab File: VV032036.D
Acq: 11 Sep 2023 19:10

Tgt Ion: 96 Resp: 28381

Ion	Ratio	Lower	Upper
96	100		
61	137.0	94.1	174.8
98	62.7	43.8	81.4





#34

Trichloroethene

Concen: 27.176 ug/L

RT: 5.834 min Scan# 1492

Delta R.T. -0.003 min

Lab File: VV032036.D

Acq: 11 Sep 2023 19:10

Instrument :

MSVOA_V

ClientSampleId :

BH4L2

Tgt Ion: 95 Resp: 214567

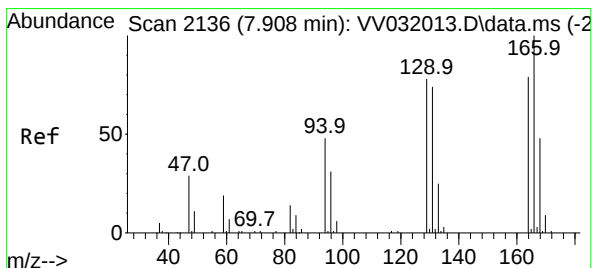
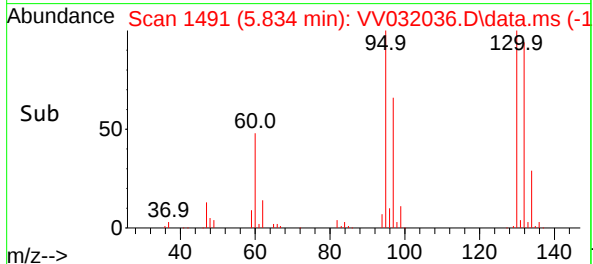
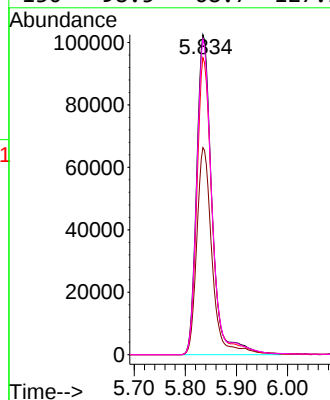
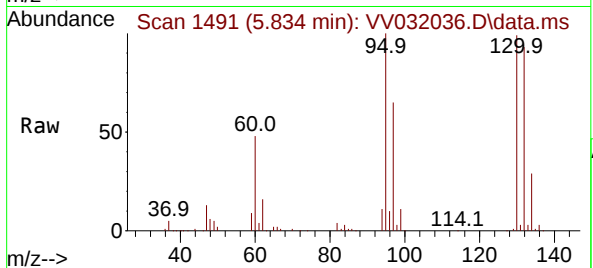
Ion Ratio Lower Upper

95 100

97 64.7 47.7 88.7

132 92.8 63.8 118.4

130 98.5 68.7 127.5



#47

Tetrachloroethene

Concen: 0.329 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.007 min

Lab File: VV032036.D

Acq: 11 Sep 2023 19:10

Tgt Ion: 164 Resp: 1657

Ion Ratio Lower Upper

164 100

129 92.5 70.6 131.2

131 86.8 64.6 120.0

166 114.3 88.3 164.1

