

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030940.D
 Acq On : 28 Apr 2023 23:03
 Operator : SY/MD
 Sample : 02551-04 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE80

Quant Time: Apr 29 01:15:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

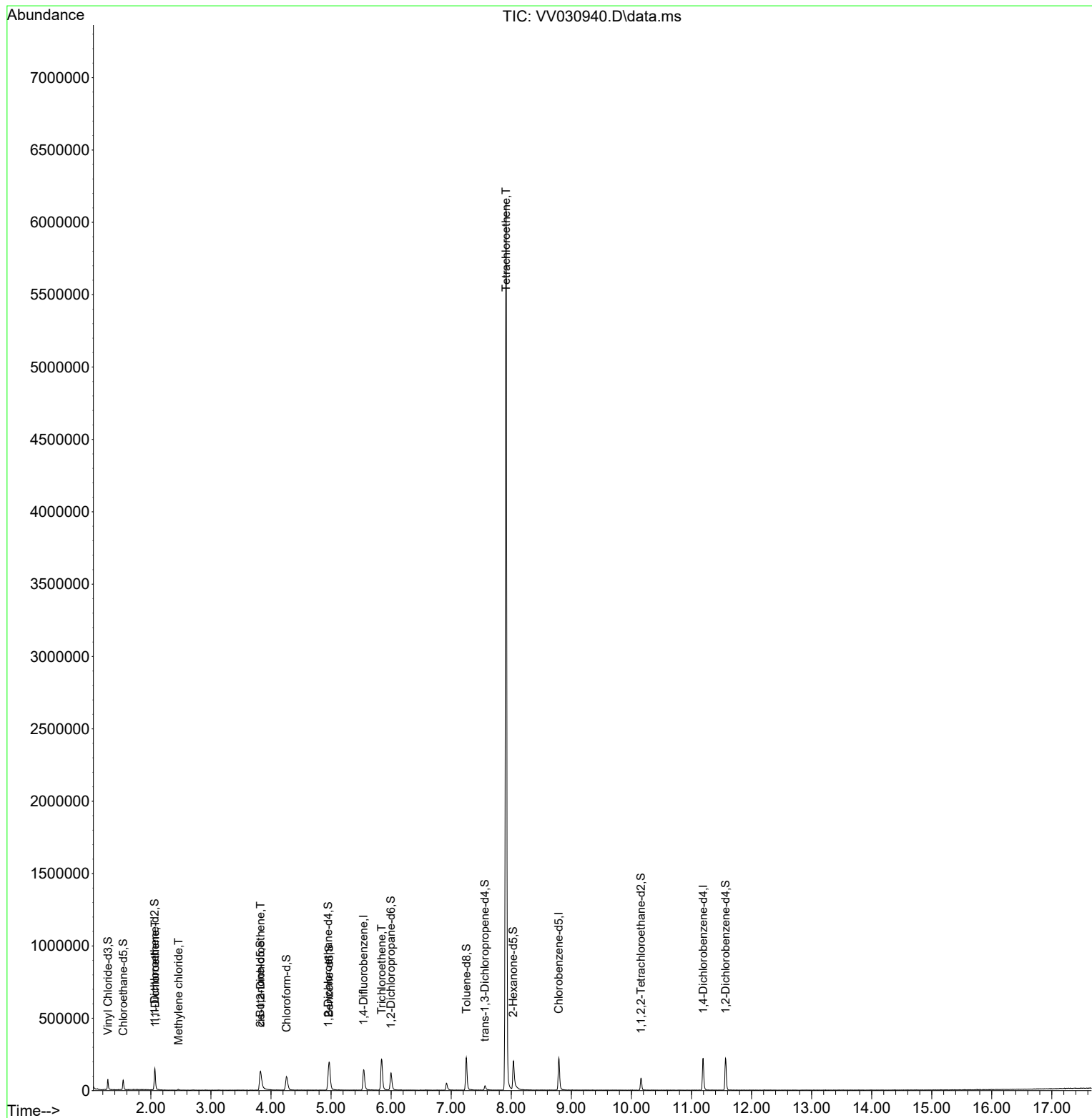
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	124611	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	121734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	61087	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.285	65	46424	4.522	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.400%	
7) Chloroethane-d5	1.539	69	42764	5.106	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.200%	
11) 1,1-Dichloroethene-d2	2.066	65	24392	4.489	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.800%	
20) 2-Butanone-d5	3.822	46	91530	50.275	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.560%	
24) Chloroform-d	4.259	84	96791	4.744	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
26) 1,2-Dichloroethane-d4	4.953	65	53009	5.110	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	4.969	84	170365	4.774	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
36) 1,2-Dichloropropane-d6	5.998	67	49415	4.763	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.200%	
41) Toluene-d8	7.252	98	149395	4.397	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
43) trans-1,3-Dichloroprop...	7.561	79	17461	4.489	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.800%	
46) 2-Hexanone-d5	8.034	63	69186	50.771	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.540%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	35751	4.754	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.000%	
66) 1,2-Dichlorobenzene-d4	11.567	152	57907	5.085	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.800%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.072	96	3132	0.373	ug/L	# 1
16) Methylene chloride	2.462	84	2112	0.223	ug/L	91
22) cis-1,2-Dichloroethene	3.828	96	50662	6.268	ug/L	97
34) Trichloroethene	5.841	95	71592	8.771	ug/L	99
47) Tetrachloroethene	7.915	164	1288654	165.489	ug/L	98

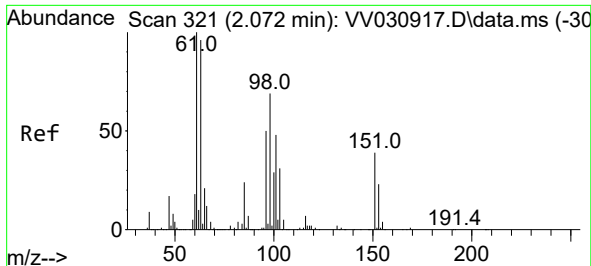
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042823\
Data File : VV030940.D
Acq On : 28 Apr 2023 23:03
Operator : SY/MD
Sample : 02551-04 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHE80

Quant Time: Apr 29 01:15:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 29 01:06:38 2023
Response via : Initial Calibration

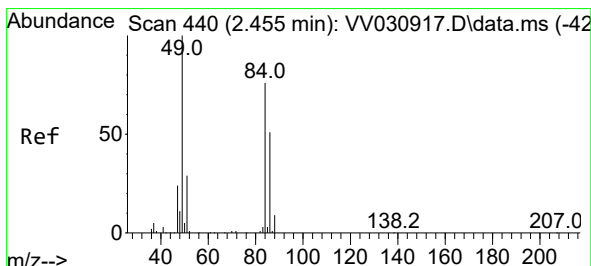
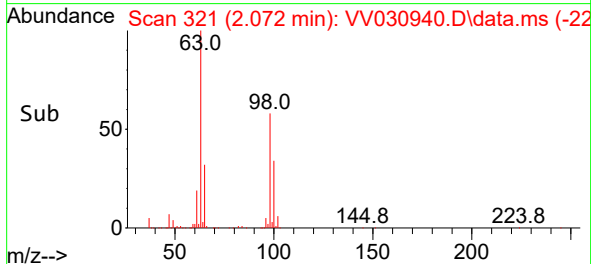
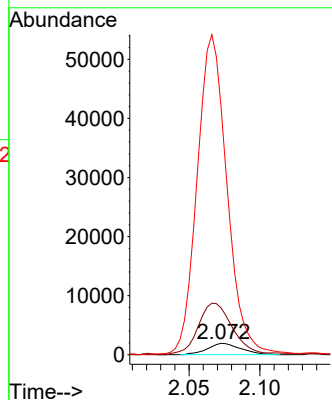
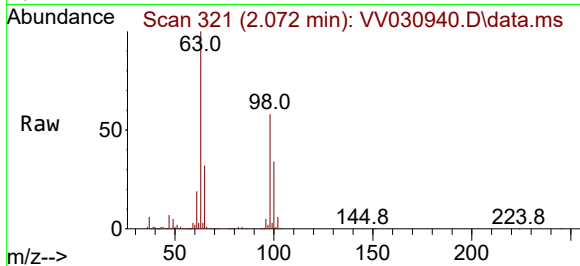




#12
1,1-Dichloroethene
Concen: 0.373 ug/L
RT: 2.072 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030940.D
Acq: 28 Apr 2023 23:03

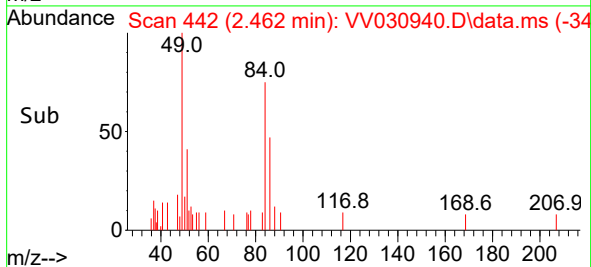
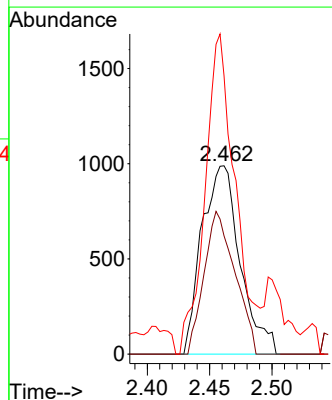
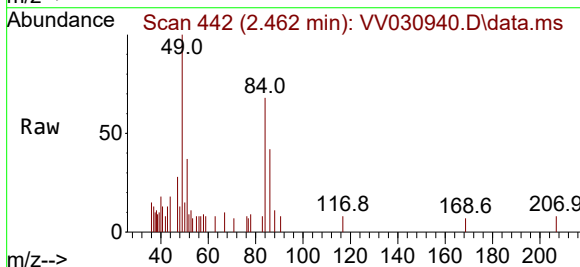
Instrument :
MSVOA_V
ClientSampleId :
BHE80

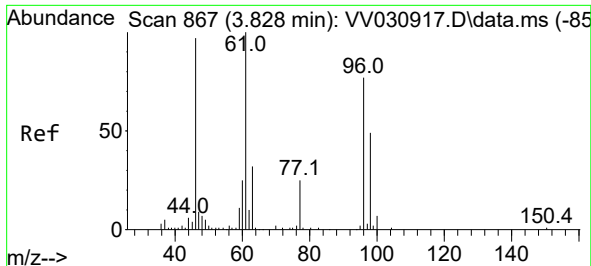
Tgt Ion: 96 Resp: 3132
Ion Ratio Lower Upper
96 100
61 415.2 135.6 251.8#
63 2199.3 121.1 224.9#



#16
Methylene chloride
Concen: 0.223 ug/L
RT: 2.462 min Scan# 442
Delta R.T. 0.006 min
Lab File: VV030940.D
Acq: 28 Apr 2023 23:03

Tgt Ion: 84 Resp: 2112
Ion Ratio Lower Upper
84 100
86 62.8 46.1 85.5
49 147.8 94.3 175.1

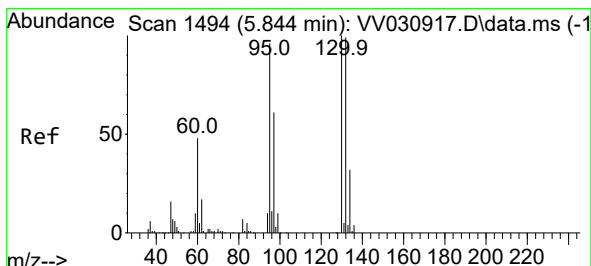
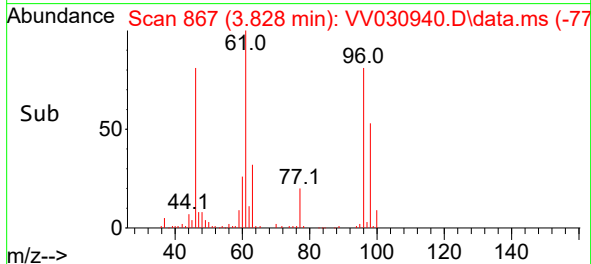
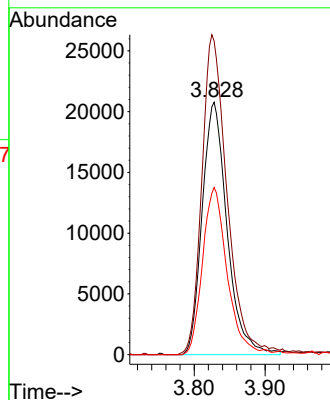
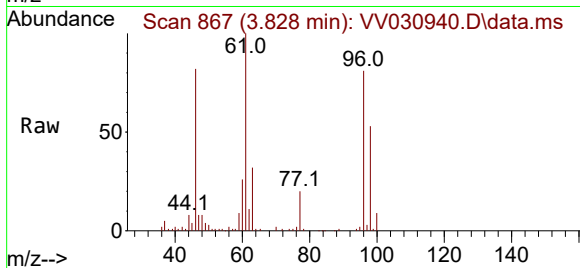




#22
cis-1,2-Dichloroethene
Concen: 6.268 ug/L
RT: 3.828 min Scan# 867
Delta R.T. -0.000 min
Lab File: VV030940.D
Acq: 28 Apr 2023 23:03

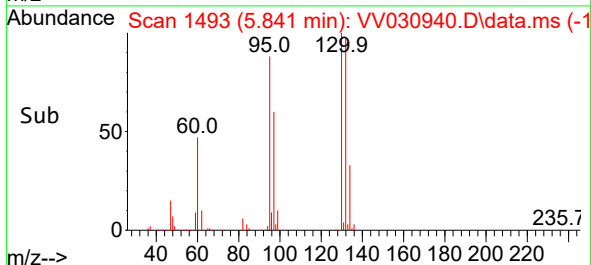
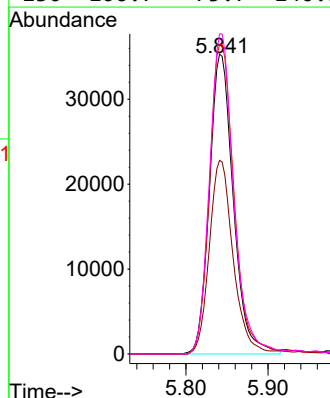
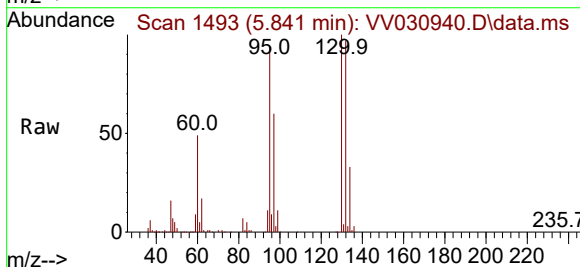
Instrument :
MSVOA_V
ClientSampleId :
BHE80

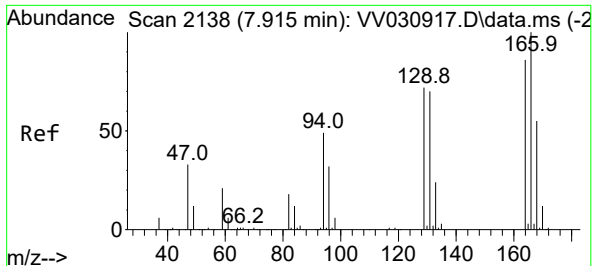
Tgt Ion: 96 Resp: 50662
Ion Ratio Lower Upper
96 100
61 124.2 86.0 159.6
98 66.3 43.2 80.2



#34
Trichloroethene
Concen: 8.771 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.003 min
Lab File: VV030940.D
Acq: 28 Apr 2023 23:03

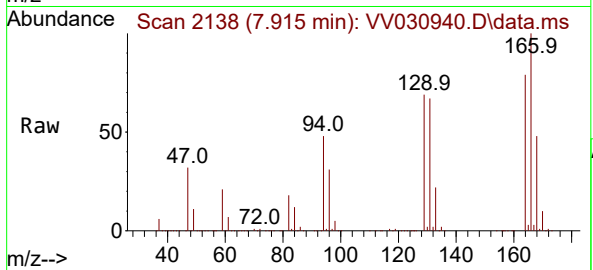
Tgt Ion: 95 Resp: 71592
Ion Ratio Lower Upper
95 100
97 64.5 46.2 85.8
132 103.2 72.7 135.1
130 106.7 75.7 140.5





#47
Tetrachloroethene
Concen: 165.489 ug/L
RT: 7.915 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030940.D
Acq: 28 Apr 2023 23:03

Instrument :
MSVOA_V
ClientSampleId :
BHE80



Tgt Ion:164 Resp: 1288654

Ion	Ratio	Lower	Upper
164	100		
129	87.4	60.5	112.3
131	85.4	60.8	112.8
166	127.2	85.9	159.5

