

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030680.D
 Acq On : 19 Apr 2023 21:40
 Operator : SY/MD
 Sample : VW0419WBL02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 20 02:27:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 02:25:10 2023
 Response via : Initial Calibration

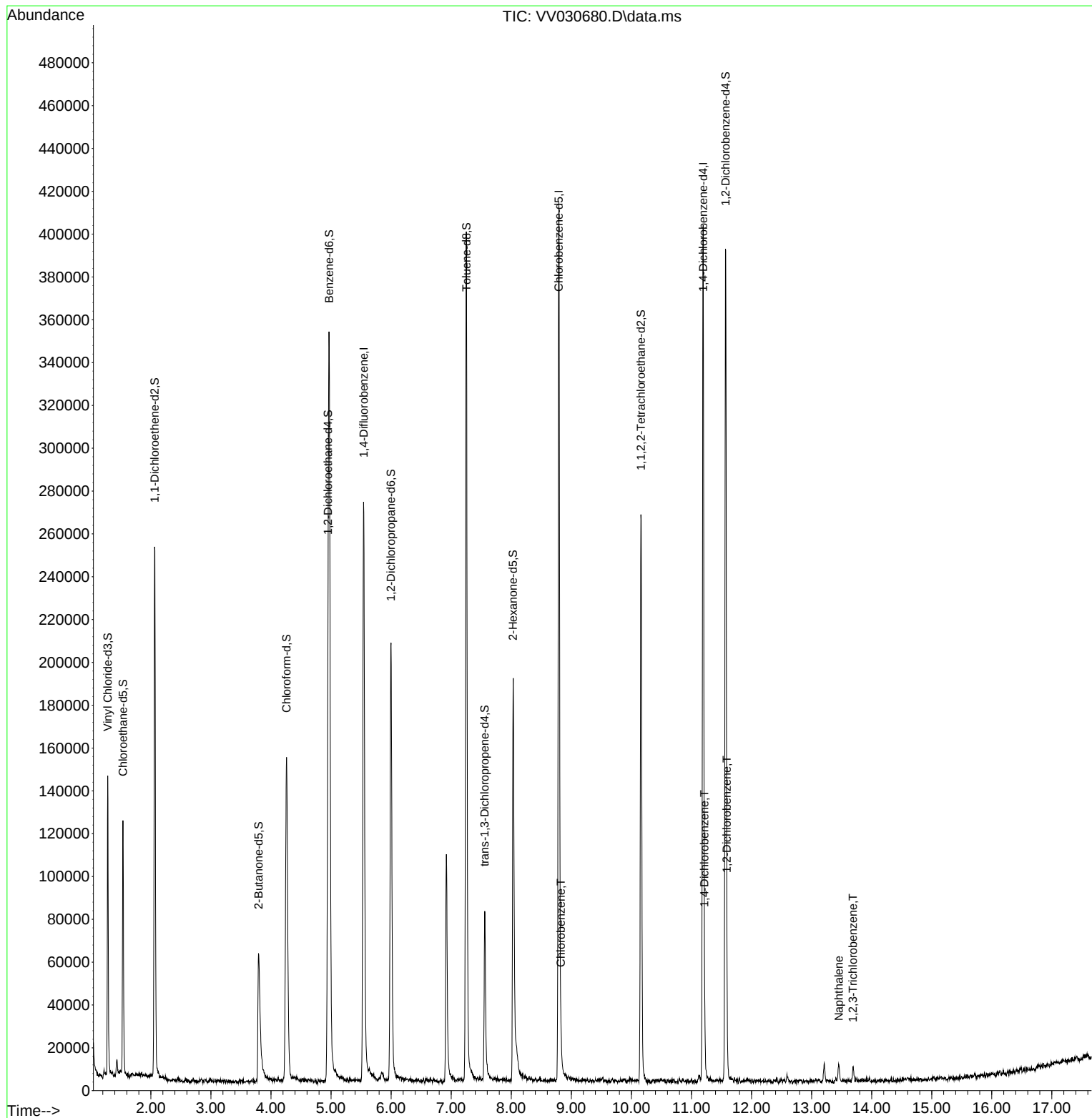
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	224956	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	217084	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	104362	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	92531	56.110	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	112.220%	
7) Chloroethane-d5	1.536	69	71751	51.920	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	103.840%	
11) 1,1-Dichloroethene-d2	2.063	65	43236	55.285	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	110.560%	
21) 2-Butanone-d5	3.793	46	100263	110.692	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	110.690%	
24) Chloroform-d	4.259	84	154609	51.734	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	103.460%	
26) 1,2-Dichloroethane-d4	4.950	65	107020	55.699	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	111.400%	
32) Benzene-d6	4.970	84	293230	57.132	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	114.260%	
36) 1,2-Dichloropropane-d6	5.995	67	89130	55.906	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	111.820%	
41) Toluene-d8	7.252	98	255005	52.918	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	105.840%	
43) trans-1,3-Dichloroprop...	7.558	79	41360	51.472	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	102.940%	
47) 2-Hexanone-d5	8.030	63	63396	100.941	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	100.940%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	117827	50.933	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	101.860%	
66) 1,2-Dichlorobenzene-d4	11.571	152	98300	59.260	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	118.520%	
Target Compounds						Qvalue
51) Chlorobenzene	8.825	112	6195	1.325	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	5119	1.490	ug/L	86
67) 1,2-Dichlorobenzene	11.590	146	4203	1.279	ug/L #	76
71) Naphthalene	13.455	128	6060	1.060	ug/L	97
72) 1,2,3-Trichlorobenzene	13.689	180	1924	0.928	ug/L	90

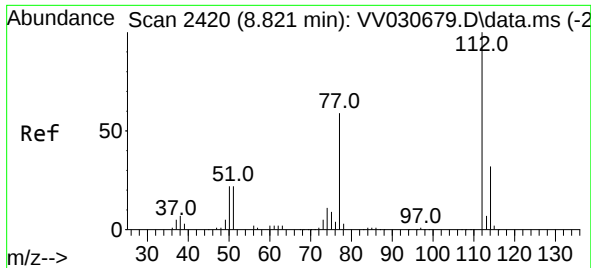
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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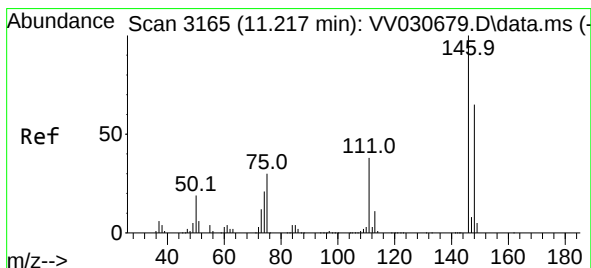
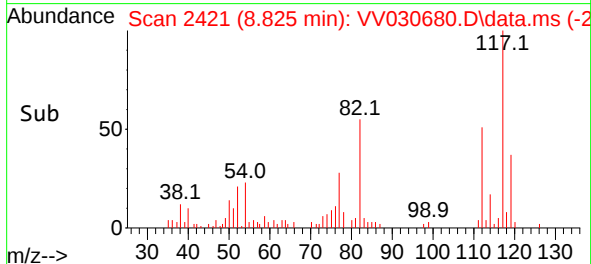
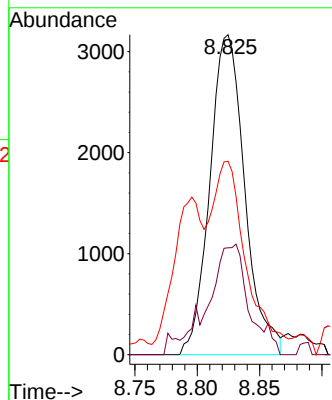
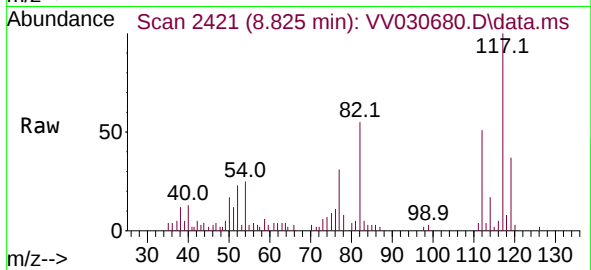




#51
Chlorobenzene
Concen: 1.325 ug/L
RT: 8.825 min Scan# 2420
Delta R.T. 0.003 min
Lab File: VV030680.D
Acq: 19 Apr 2023 21:40

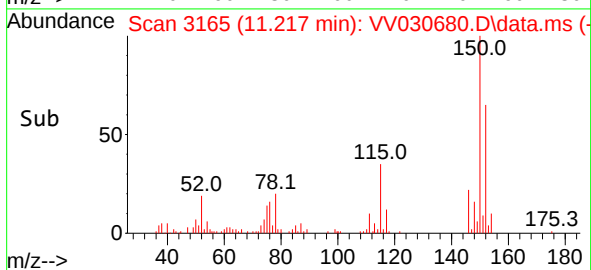
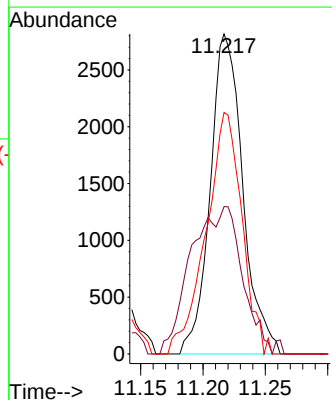
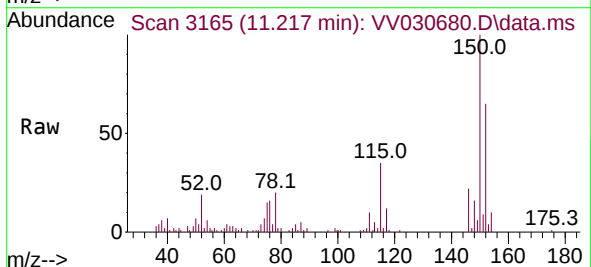
Instrument :
MSVOA_V
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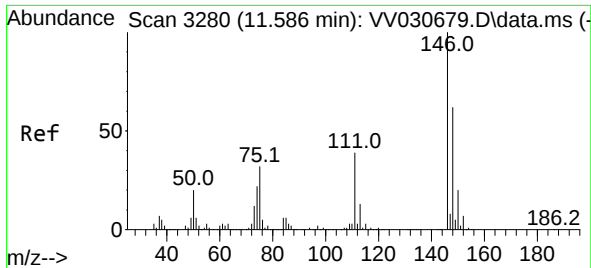
Tgt Ion:112 Resp: 6195
Ion Ratio Lower Upper
112 100
114 33.4 22.4 41.6
77 60.4 47.4 71.0



#65
1,4-Dichlorobenzene
Concen: 1.490 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV030680.D
Acq: 19 Apr 2023 21:40

Tgt Ion:146 Resp: 5119
Ion Ratio Lower Upper
146 100
111 46.0 26.5 49.1
148 75.5 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 1.279 ug/L

RT: 11.590 min Scan# 31

Delta R.T. 0.003 min

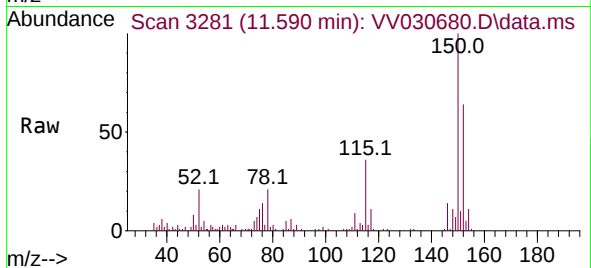
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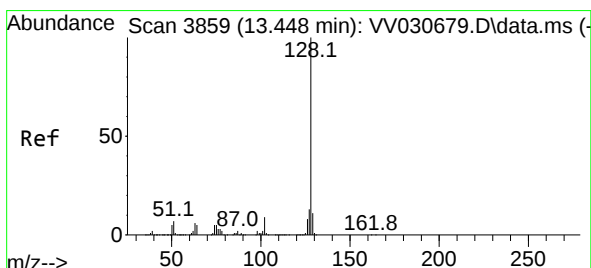
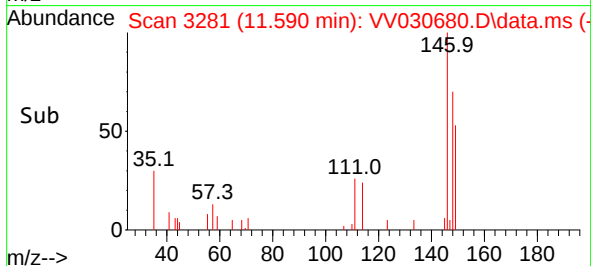
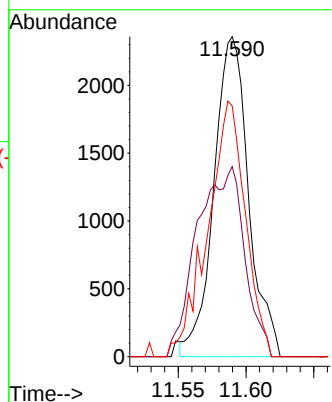
Tgt Ion:146 Resp: 4203

Ion Ratio Lower Upper

146 100

111 59.4 32.0 48.0#

148 78.4 50.6 76.0#



#71

Naphthalene

Concen: 1.060 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.007 min

Lab File: VV030680.D

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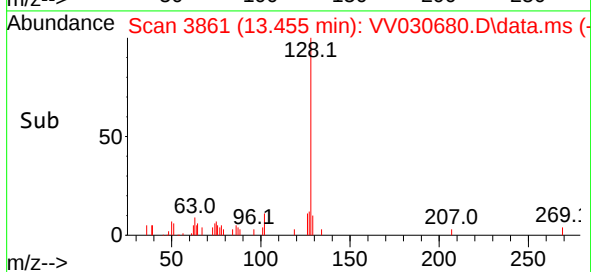
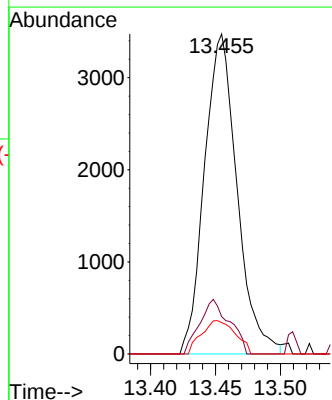
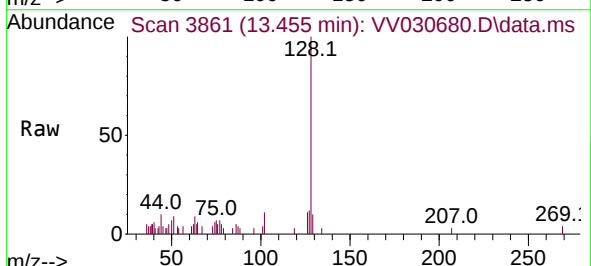
Tgt Ion:128 Resp: 6060

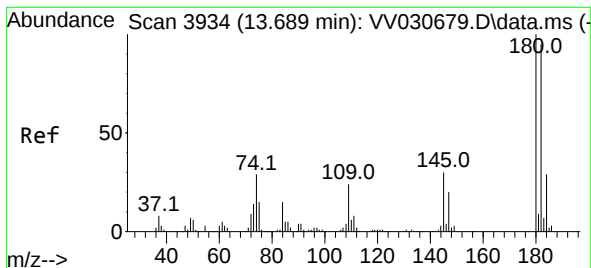
Ion Ratio Lower Upper

128 100

127 15.6 10.7 16.1

129 10.8 8.6 13.0





#72

1,2,3-Trichlorobenzene

Concen: 0.928 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.000 min

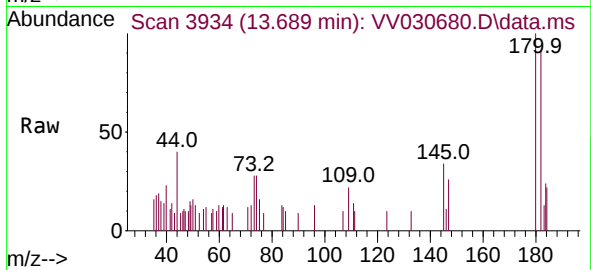
Lab File: VV030680.D

Acq: 19 Apr 2023 21:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1924

Ion Ratio Lower Upper

180 100

182 85.3 76.2 114.4

145 26.4 25.1 37.7

