

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042423\
 Data File : VW030804.D
 Acq On : 24 Apr 2023 19:45
 Operator : SY/MD
 Sample : 02398-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMP4

Quant Time: Apr 25 03:24:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

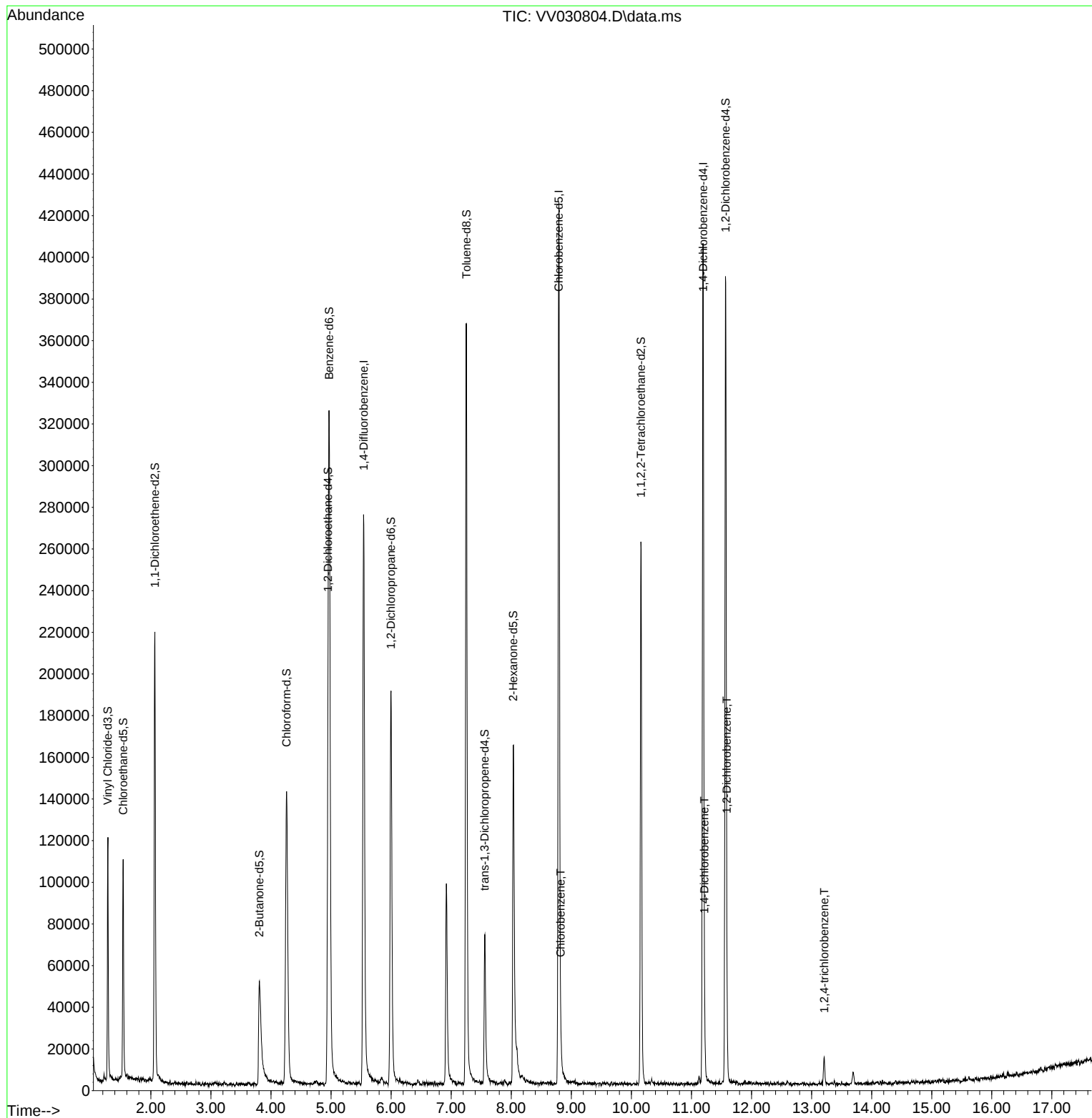
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	232177	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	226665	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	109795	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	73868	43.400	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.800%		
7) Chloroethane-d5	1.539	69	62313	43.689	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.380%		
11) 1,1-Dichloroethene-d2	2.066	65	36100	44.725	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.440%		
21) 2-Butanone-d5	3.805	46	95770	102.443	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.440%		
24) Chloroform-d	4.259	84	145054	47.027	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.060%		
26) 1,2-Dichloroethane-d4	4.950	65	102887	51.882	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.760%		
32) Benzene-d6	4.969	84	269534	50.296	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.600%		
36) 1,2-Dichloropropane-d6	5.995	67	81948	49.229	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.460%		
41) Toluene-d8	7.252	98	242221	48.140	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.280%		
43) trans-1,3-Dichloroprop...	7.558	79	41072	48.953	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.900%		
47) 2-Hexanone-d5	8.034	63	56618	86.338	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.340%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	113319	46.914	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.820%		
66) 1,2-Dichlorobenzene-d4	11.567	152	96457	55.271	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.540%		
Target Compounds						Qvalue
51) Chlorobenzene	8.821	112	4971	1.018	ug/L	93
65) 1,4-Dichlorobenzene	11.217	146	5089	1.408	ug/L	93
67) 1,2-Dichlorobenzene	11.586	146	6674	1.930	ug/L	99
70) 1,2,4-trichlorobenzene	13.210	180	3852	1.752	ug/L	98

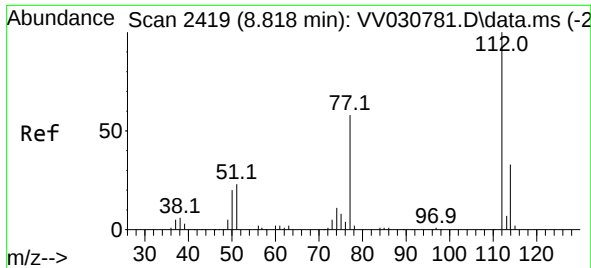
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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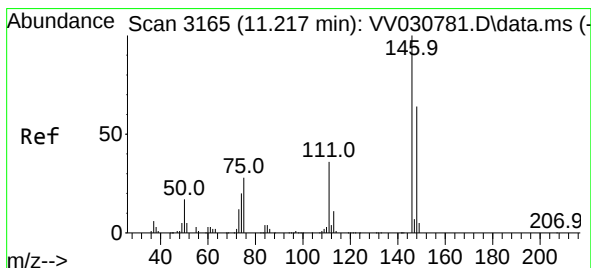
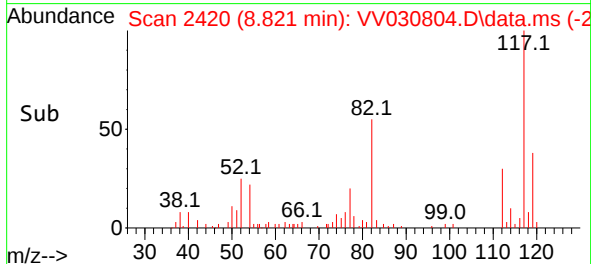
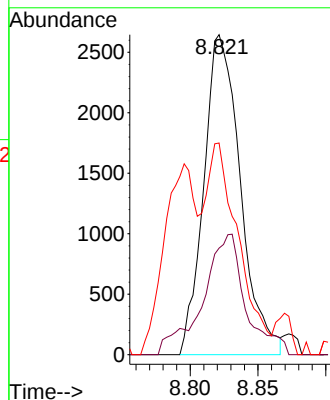
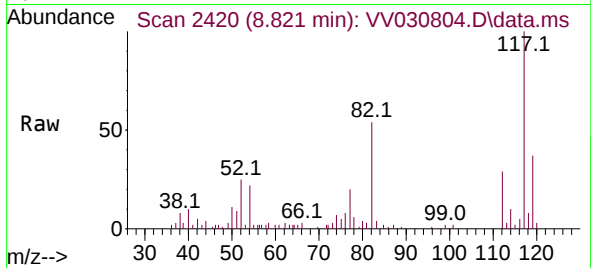




#51
Chlorobenzene
Concen: 1.018 ug/L
RT: 8.821 min Scan# 2419
Delta R.T. -0.000 min
Lab File: VV030804.D
Acq: 24 Apr 2023 19:45

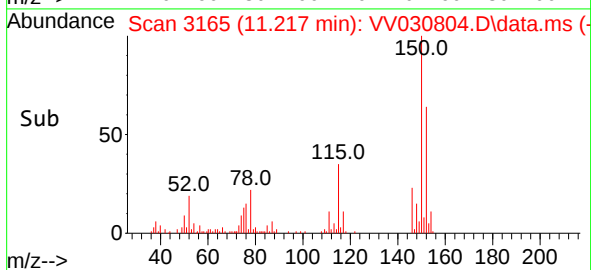
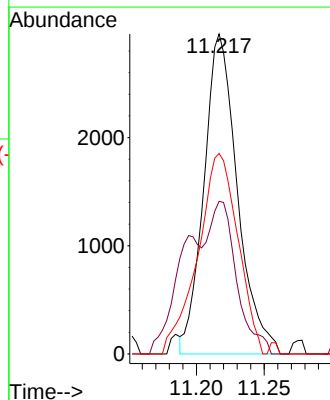
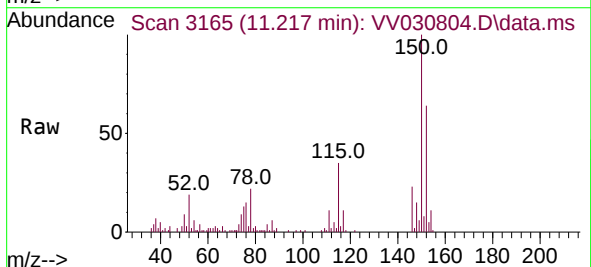
Instrument :
MSVOA_V
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COMP4

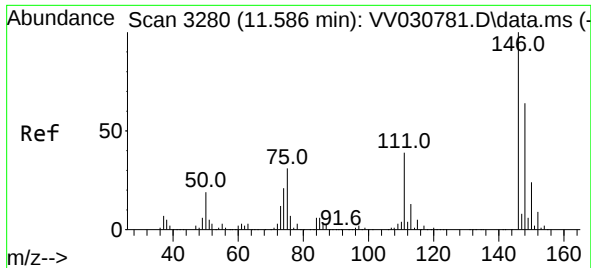
Tgt Ion:112 Resp: 4971
Ion Ratio Lower Upper
112 100
114 33.3 22.4 41.6
77 66.1 47.4 71.0



#65
1,4-Dichlorobenzene
Concen: 1.408 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030804.D
Acq: 24 Apr 2023 19:45

Tgt Ion:146 Resp: 5089
Ion Ratio Lower Upper
146 100
111 47.7 26.5 49.1
148 62.6 44.7 83.1

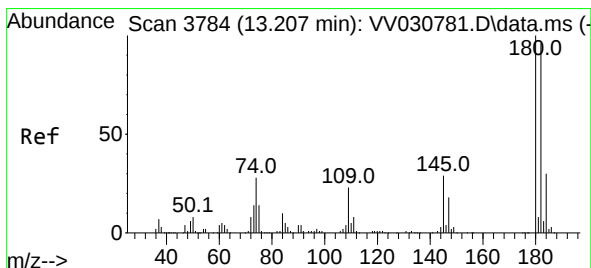
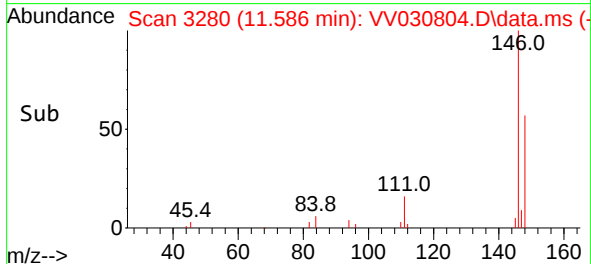
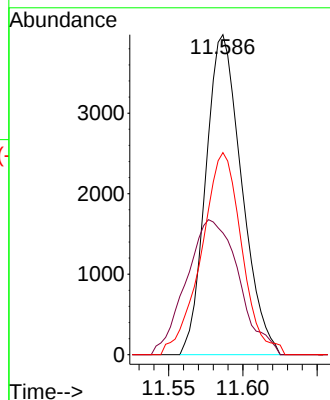
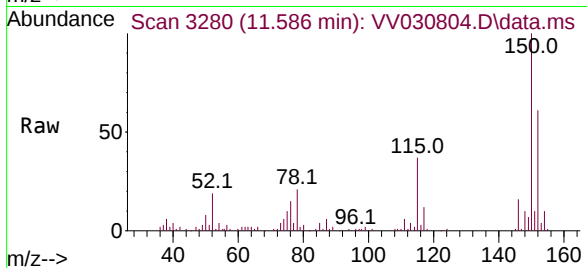




#67
1,2-Dichlorobenzene
Concen: 1.930 ug/L
RT: 11.586 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030804.D
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Tgt Ion:146 Resp: 6674
Ion Ratio Lower Upper
146 100
111 38.1 32.0 48.0
148 63.1 50.6 76.0



#70
1,2,4-trichlorobenzene
Concen: 1.752 ug/L
RT: 13.210 min Scan# 3785
Delta R.T. 0.003 min
Lab File: VV030804.D
Acq: 24 Apr 2023 19:45

Tgt Ion:180 Resp: 3852
Ion Ratio Lower Upper
180 100
182 92.9 75.9 113.9
145 30.6 23.4 35.2

