

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041923\
 Data File : VV030677.D
 Acq On : 19 Apr 2023 20:05
 Operator : SY/MD
 Sample : 02334-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMJ2

Quant Time: Apr 20 01:31:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 01:26:42 2023
 Response via : Initial Calibration

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

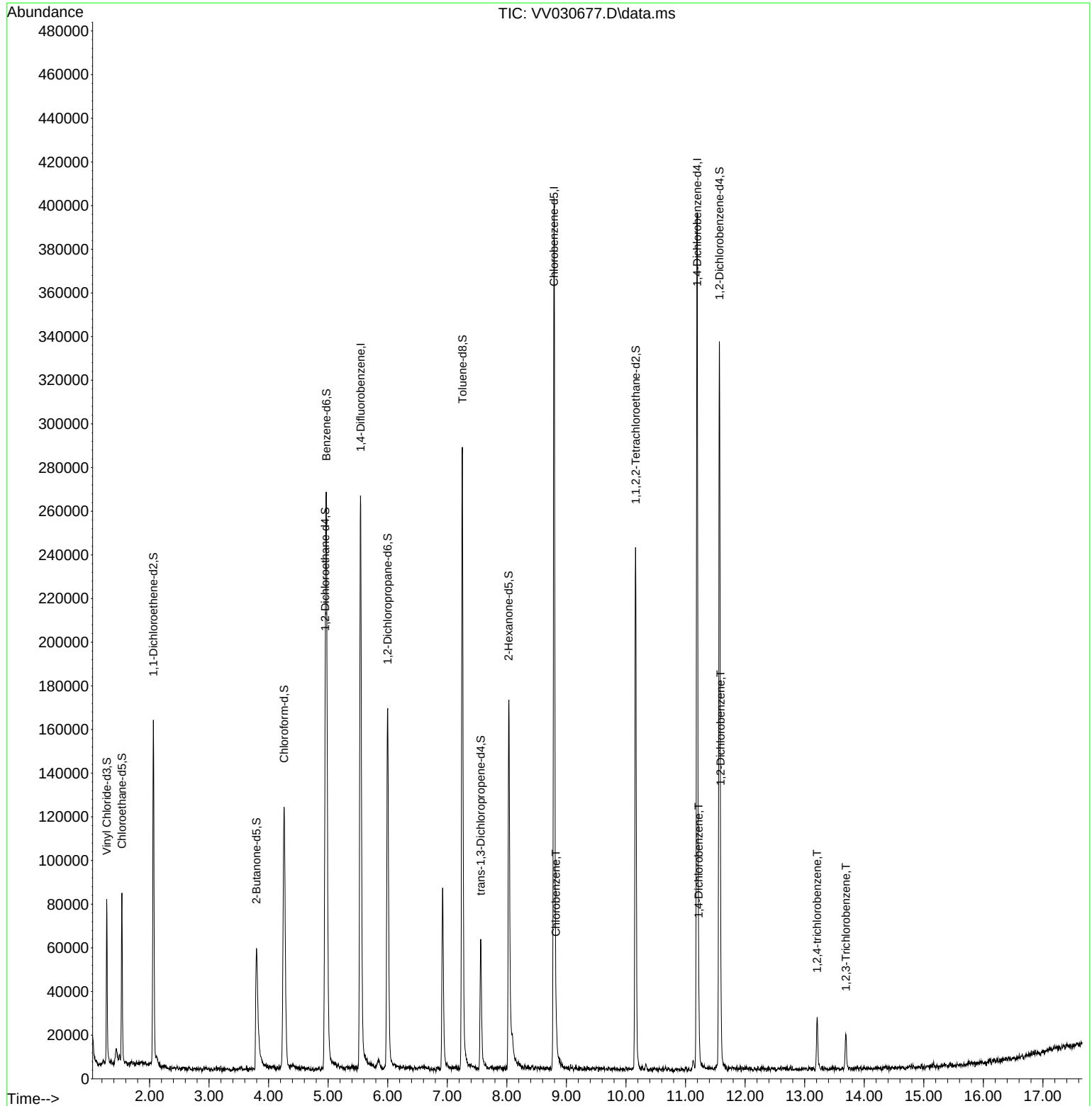
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	222652	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	213597	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	102278	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	49502	30.328	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	60.660%		
7) Chloroethane-d5	1.536	69	47136	34.461	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	68.920%#		
11) 1,1-Dichloroethene-d2	2.063	65	26872	34.716	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.440%		
21) 2-Butanone-d5	3.796	46	93532	104.329	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.330%		
24) Chloroform-d	4.259	84	123663	41.807	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.620%		
26) 1,2-Dichloroethane-d4	4.950	65	87844	46.192	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.380%		
32) Benzene-d6	4.970	84	215319	42.637	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.280%		
36) 1,2-Dichloropropane-d6	5.998	67	73756	47.018	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.040%		
41) Toluene-d8	7.252	98	186344	39.301	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.600%#		
43) trans-1,3-Dichloroprop...	7.561	79	33754	42.692	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.380%		
47) 2-Hexanone-d5	8.031	63	56567	91.538	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.540%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	107487	47.222	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.440%		
66) 1,2-Dichlorobenzene-d4	11.571	152	84278	51.842	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.680%		
Target Compounds						Qvalue
51) Chlorobenzene	8.822	112	6567	1.427	ug/L	92
65) 1,4-Dichlorobenzene	11.220	146	8741	2.596	ug/L	90
67) 1,2-Dichlorobenzene	11.587	146	8890	2.759	ug/L	98
70) 1,2,4-trichlorobenzene	13.210	180	7389	3.607	ug/L	98
72) 1,2,3-Trichlorobenzene	13.693	180	4592	2.261	ug/L	96

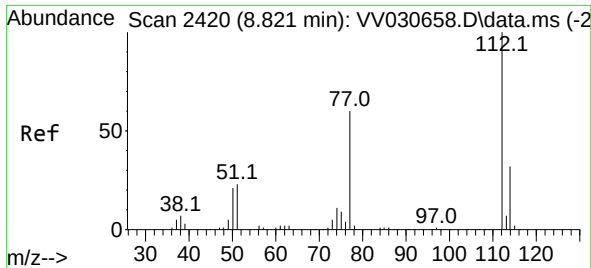
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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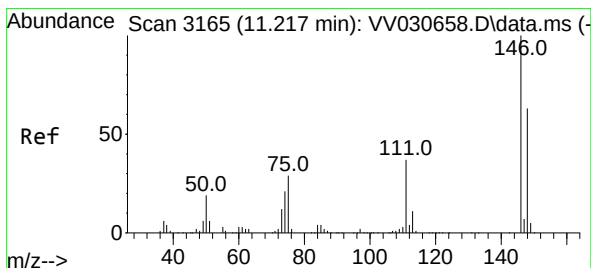
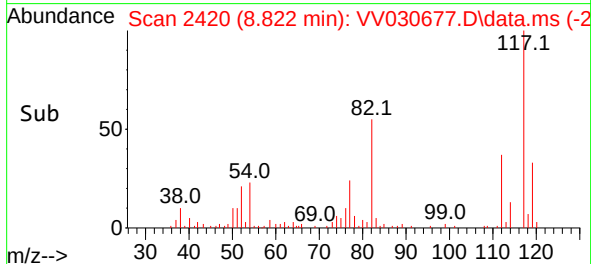
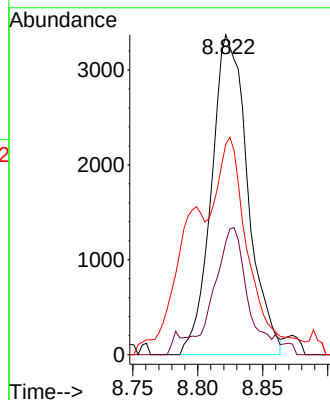
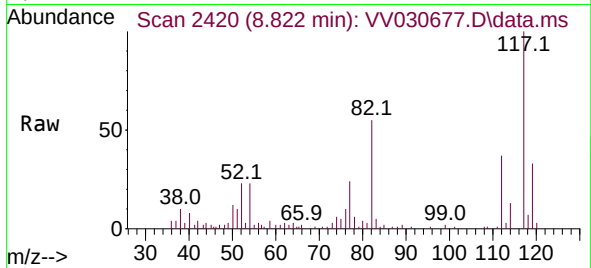




#51
Chlorobenzene
Concen: 1.427 ug/L
RT: 8.822 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV030677.D
Acq: 19 Apr 2023 20:05

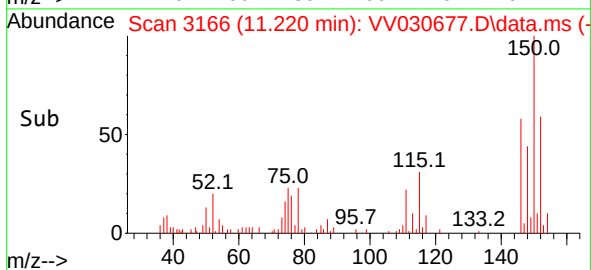
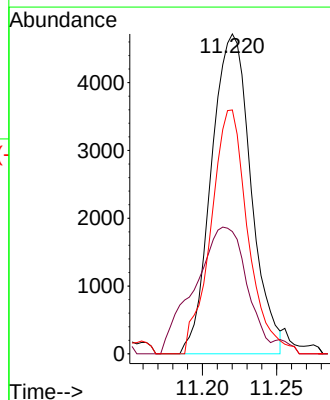
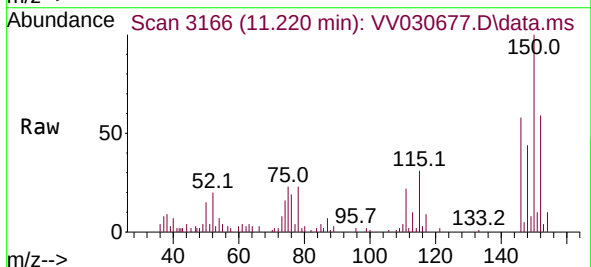
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COMJ2

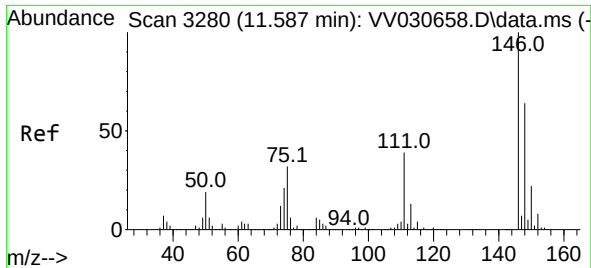
Tgt Ion:112	Resp:	6567
Ion	Ratio	Lower Upper
112	100	
114	35.3	22.4 41.6
77	65.8	47.4 71.0



#65
1,4-Dichlorobenzene
Concen: 2.596 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030677.D
Acq: 19 Apr 2023 20:05

Tgt Ion:146	Resp:	8741
Ion	Ratio	Lower Upper
146	100	
111	38.2	26.5 49.1
148	76.2	44.7 83.1

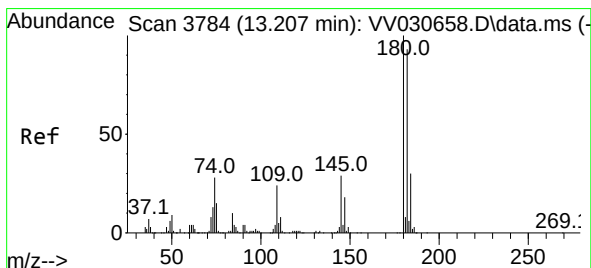
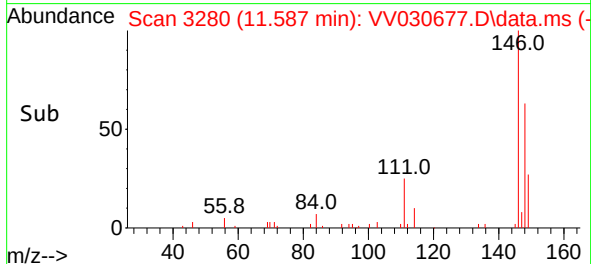
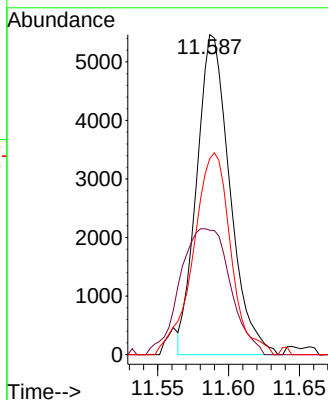
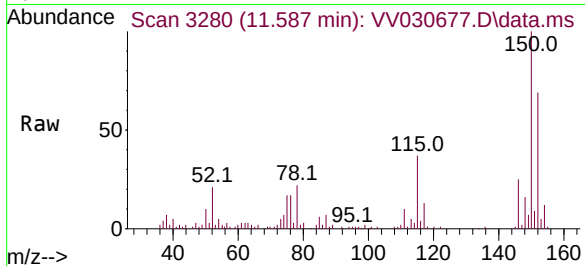




#67
1,2-Dichlorobenzene
Concen: 2.759 ug/L
RT: 11.587 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV030677.D
Acq: 19 Apr 2023 20:05

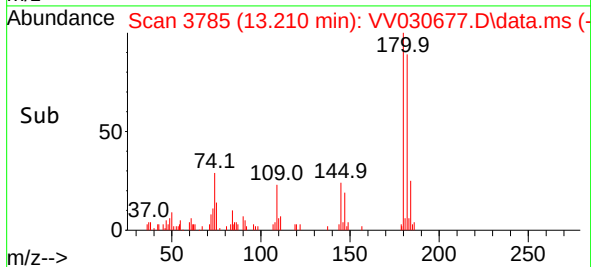
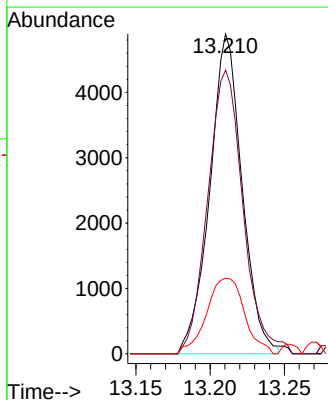
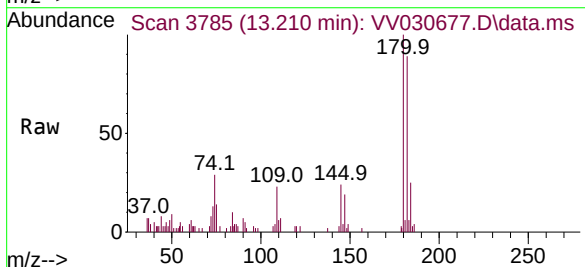
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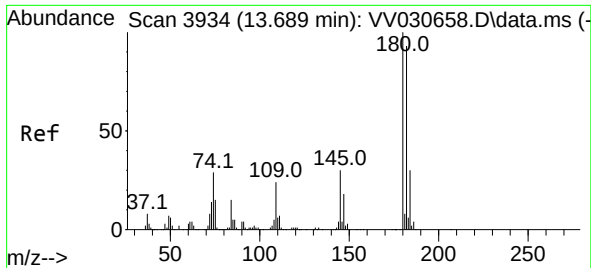
Tgt Ion:146 Resp: 8890
Ion Ratio Lower Upper
146 100
111 38.9 32.0 48.0
148 61.2 50.6 76.0



#70
1,2,4-trichlorobenzene
Concen: 3.607 ug/L
RT: 13.210 min Scan# 3785
Delta R.T. 0.003 min
Lab File: VV030677.D
Acq: 19 Apr 2023 20:05

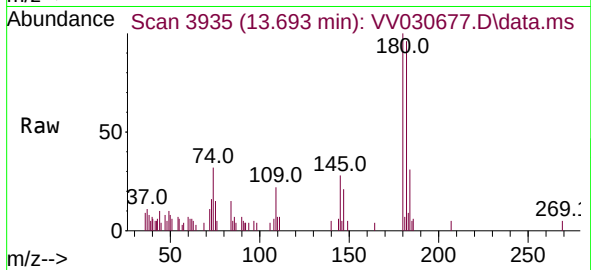
Tgt Ion:180 Resp: 7389
Ion Ratio Lower Upper
180 100
182 96.9 75.9 113.9
145 27.8 23.4 35.2





#72
 1,2,3-Trichlorobenzene
 Concen: 2.261 ug/L
 RT: 13.693 min Scan# 3935
 Delta R.T. 0.003 min
 Lab File: VV030677.D
 Acq: 19 Apr 2023 20:05

Instrument :
 MSVOA_V
 ClientSampleId :
 COMJ2



Tgt Ion:	180	Resp:	4592
Ion	Ratio	Lower	Upper
180	100		
182	99.7	76.2	114.4
145	30.2	25.1	37.7

