

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042123\
 Data File : VW030768.D
 Acq On : 21 Apr 2023 16:32
 Operator : SY/MD
 Sample : 02398-14 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMP5

Quant Time: Apr 22 00:47:08 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)

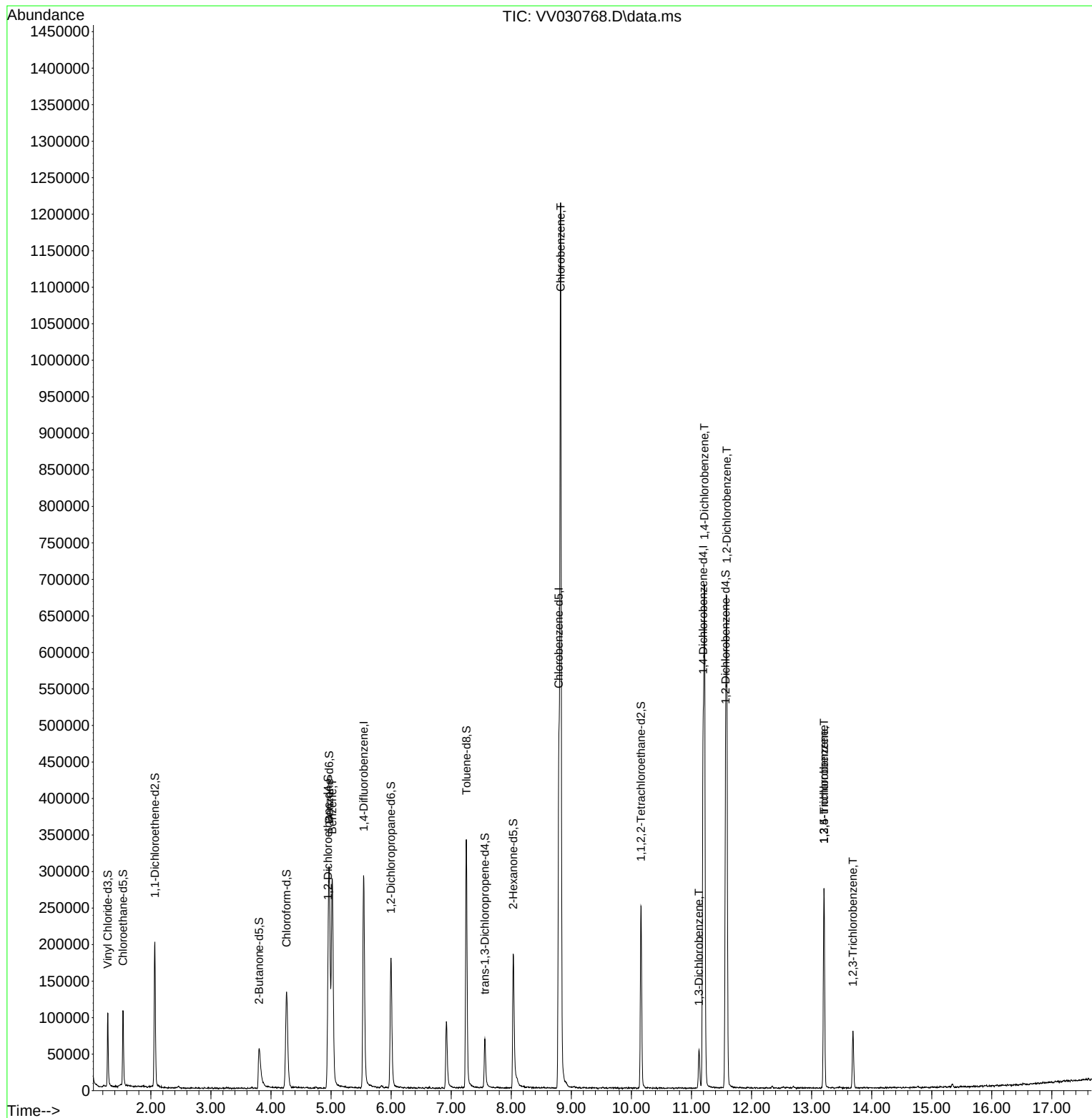
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	245378	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	233544	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	119523	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	66504	36.971	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.940%		
7) Chloroethane-d5	1.535	69	61573	40.847	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.700%		
11) 1,1-Dichloroethene-d2	2.066	65	34526	40.473	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.940%		
21) 2-Butanone-d5	3.802	46	97810	98.997	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.000%		
24) Chloroform-d	4.259	84	135675	41.620	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.240%		
26) 1,2-Dichloroethane-d4	4.950	65	95427	45.532	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.060%		
32) Benzene-d6	4.969	84	250398	45.348	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.700%		
36) 1,2-Dichloropropane-d6	5.998	67	77028	44.910	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.820%		
41) Toluene-d8	7.252	98	217554	41.964	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.920%		
43) trans-1,3-Dichloroprop...	7.561	79	37608	43.504	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.000%		
47) 2-Hexanone-d5	8.034	63	61147	90.498	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.500%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	108025	43.405	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.800%		
66) 1,2-Dichlorobenzene-d4	11.567	152	93740	49.343	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.680%		
Target Compounds						Qvalue
33) Benzene	5.021	78	279804	39.454	ug/L	100
51) Chlorobenzene	8.821	112	591840	117.642	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	21396	5.733	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	251667	63.951	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	219009	58.171	ug/L	99
69) 1,3,5-Trichlorobenzene	13.207	180	84915	30.121	ug/L	97
70) 1,2,4-trichlorobenzene	13.207	180	84915	35.476	ug/L	97
72) 1,2,3-Trichlorobenzene	13.689	180	22361	9.421	ug/L	98

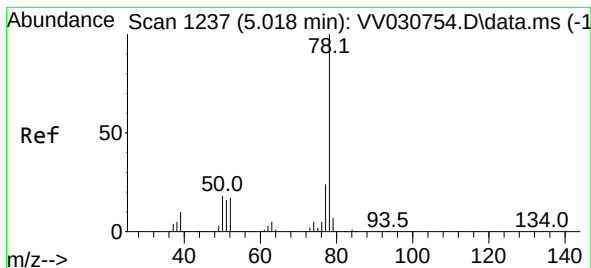
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 22 00:47:08 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





#33

Benzene

Concen: 39.454 ug/L

RT: 5.021 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV030768.D

Acq: 21 Apr 2023 16:32

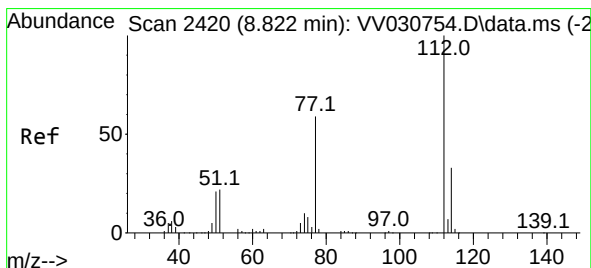
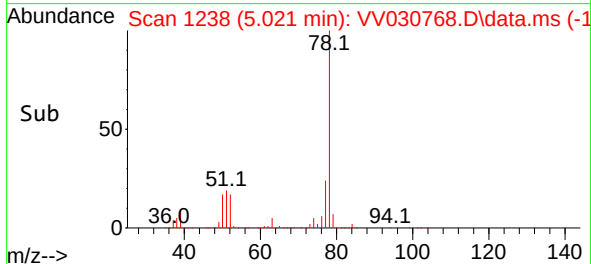
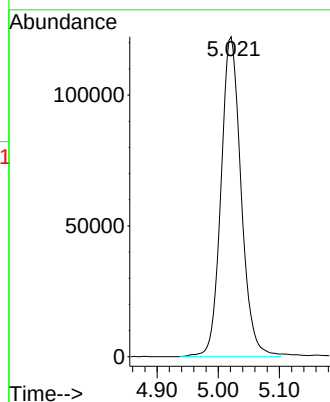
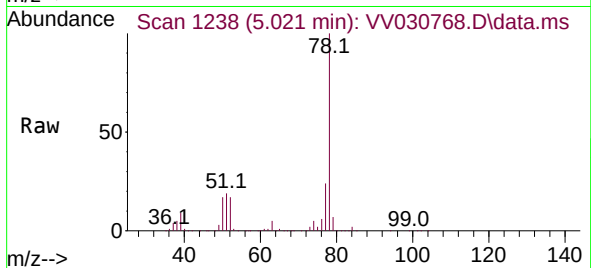
Instrument :

MSVOA_V

ClientSampleId :

COMP5

Tgt Ion: 78 Resp: 279804



#51

Chlorobenzene

Concen: 117.642 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. -0.000 min

Lab File: VV030768.D

Acq: 21 Apr 2023 16:32

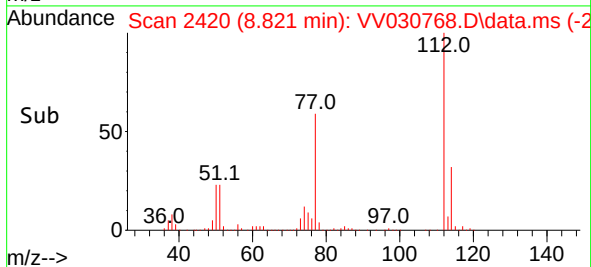
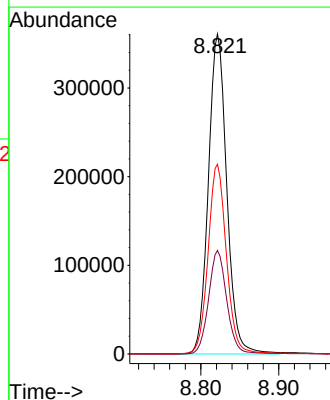
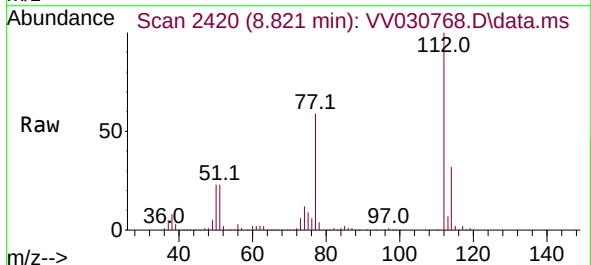
Tgt Ion: 112 Resp: 591840

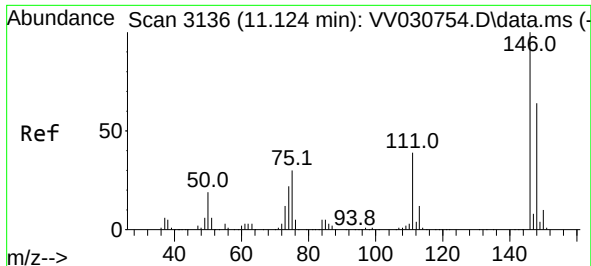
Ion Ratio Lower Upper

112 100

114 32.4 22.4 41.6

77 59.3 47.4 71.0

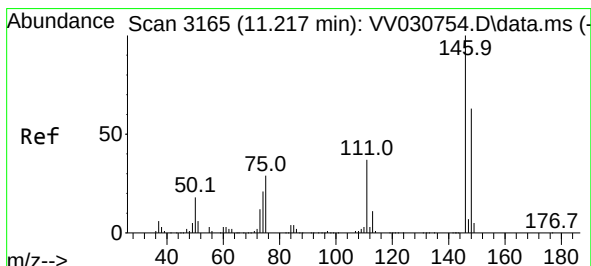
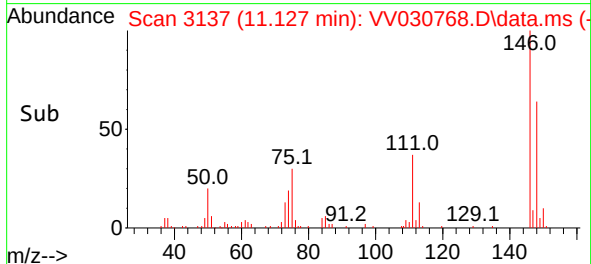
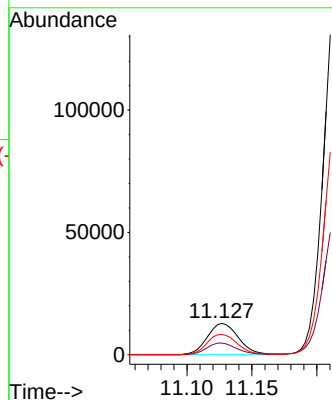
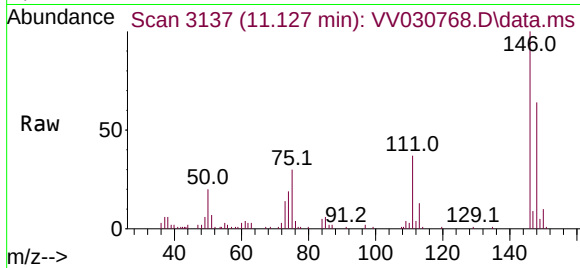




#64
1,3-Dichlorobenzene
Concen: 5.733 ug/L
RT: 11.127 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VV030768.D
Acq: 21 Apr 2023 16:32

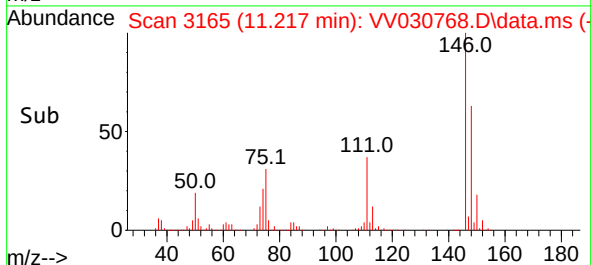
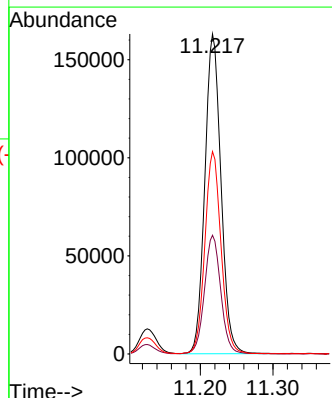
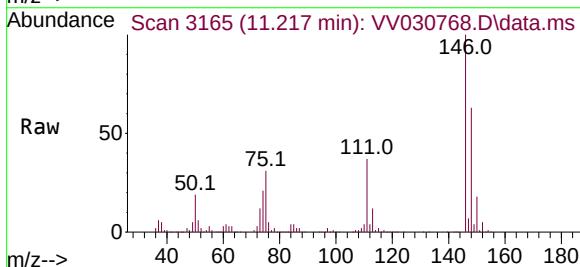
Instrument :
MSVOA_V
ClientSampleId :
COMP5

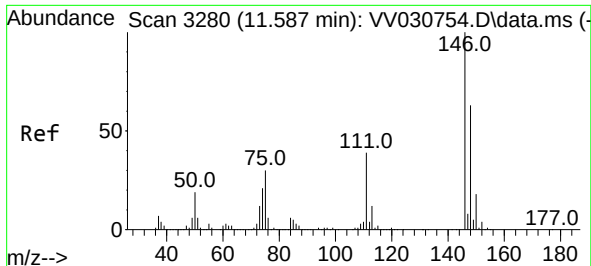
Tgt Ion:146 Resp: 21396
Ion Ratio Lower Upper
146 100
111 37.2 27.0 50.2
148 64.2 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 63.951 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030768.D
Acq: 21 Apr 2023 16:32

Tgt Ion:146 Resp: 251667
Ion Ratio Lower Upper
146 100
111 37.1 26.5 49.1
148 63.2 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 58.171 ug/L

RT: 11.586 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030768.D

Acq: 21 Apr 2023 16:32

Instrument :

MSVOA_V

ClientSampleId :

COMP5

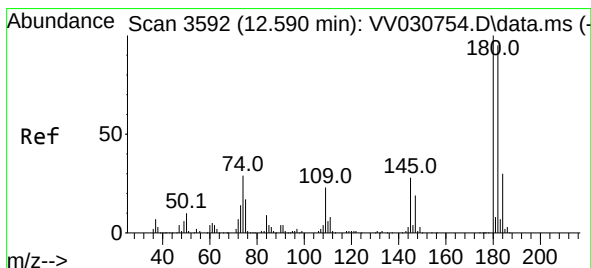
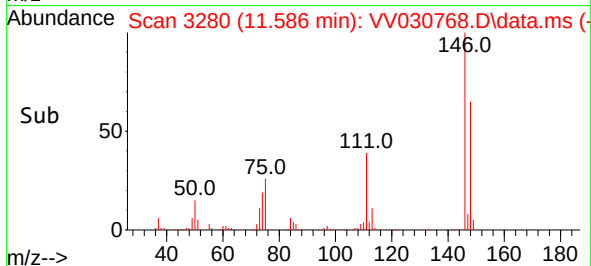
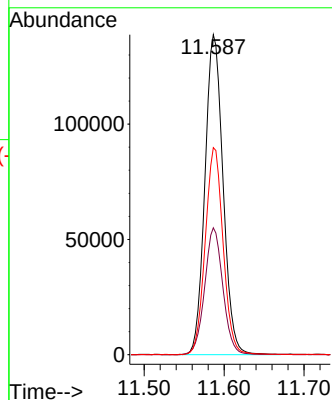
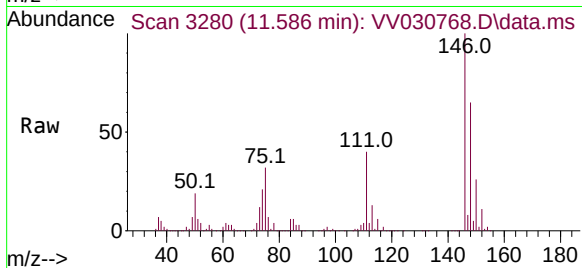
Tgt Ion:146 Resp: 219009

Ion Ratio Lower Upper

146 100

111 39.6 32.0 48.0

148 64.7 50.6 76.0



#69

1,3,5-Trichlorobenzene

Concen: 30.121 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.617 min

Lab File: VV030768.D

Acq: 21 Apr 2023 16:32

Tgt Ion:180 Resp: 84915

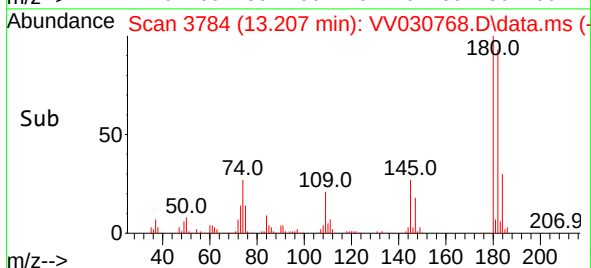
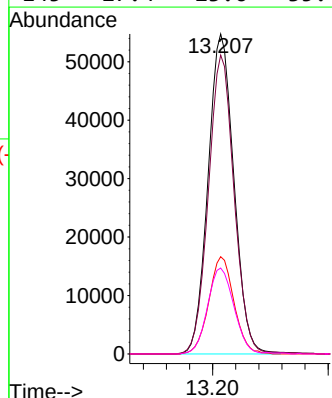
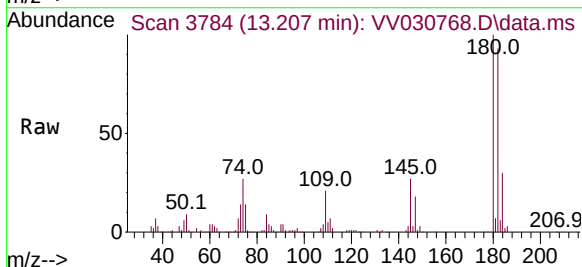
Ion Ratio Lower Upper

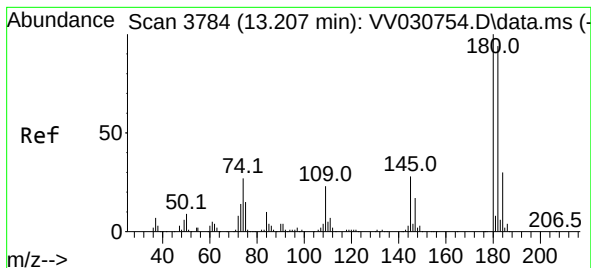
180 100

182 92.7 76.4 114.6

184 29.7 24.1 36.1

145 27.4 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 35.476 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. -0.000 min

Lab File: VV030768.D

Acq: 21 Apr 2023 16:32

Instrument :

MSVOA_V

ClientSampleId :

COMP5

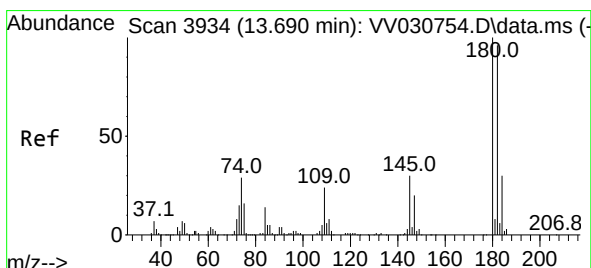
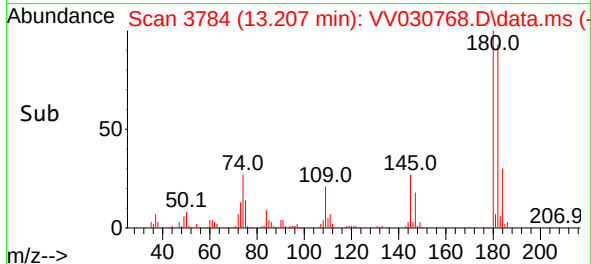
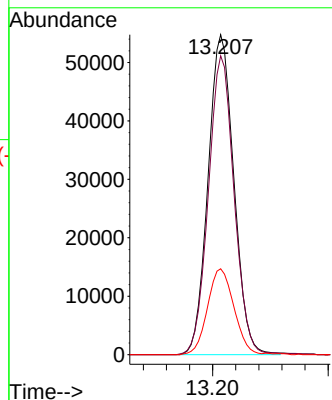
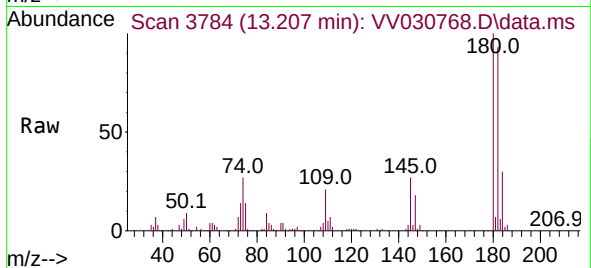
Tgt Ion:180 Resp: 84915

Ion Ratio Lower Upper

180 100

182 92.7 75.9 113.9

145 27.4 23.4 35.2



#72

1,2,3-Trichlorobenzene

Concen: 9.421 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. -0.000 min

Lab File: VV030768.D

Acq: 21 Apr 2023 16:32

Tgt Ion:180 Resp: 22361

Ion Ratio Lower Upper

180 100

182 93.7 76.2 114.4

145 30.4 25.1 37.7

