

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030678.D
 Acq On : 19 Apr 2023 20:29
 Operator : SY/MD
 Sample : 02398-01DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 20 01:32:02 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)

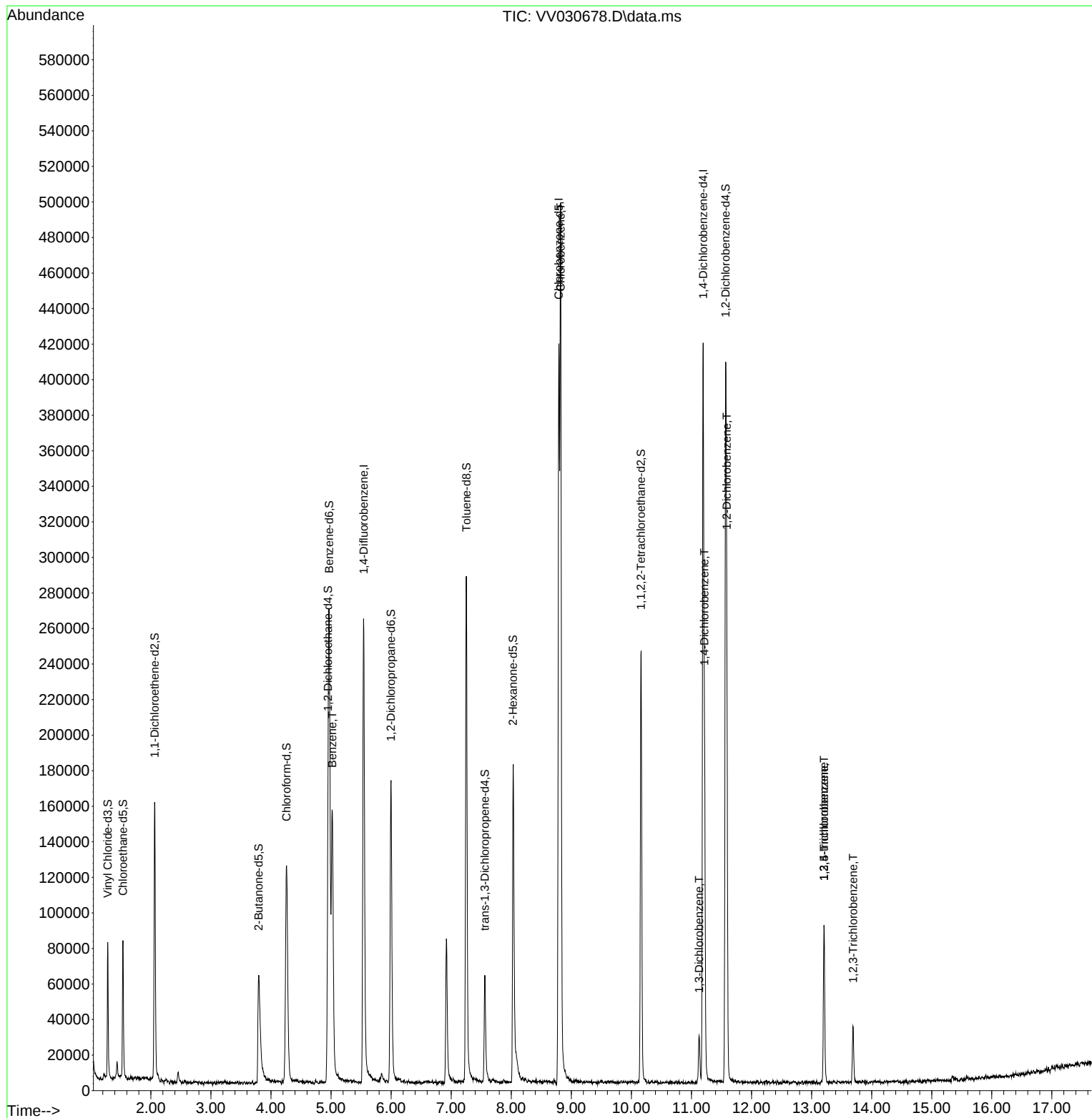
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	221455	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	213281	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	105025	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	50406	31.049	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	62.100%		
7) Chloroethane-d5	1.535	69	47227	34.715	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	69.420%#		
11) 1,1-Dichloroethene-d2	2.063	65	26371	34.253	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.500%		
21) 2-Butanone-d5	3.796	46	95353	106.935	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.940%		
24) Chloroform-d	4.259	84	126963	43.155	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.300%		
26) 1,2-Dichloroethane-d4	4.950	65	87799	46.418	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.840%		
32) Benzene-d6	4.969	84	219560	43.541	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.080%		
36) 1,2-Dichloropropane-d6	5.995	67	74248	47.402	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.800%		
41) Toluene-d8	7.252	98	188469	39.808	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.620%#		
43) trans-1,3-Dichloroprop...	7.561	79	33010	41.813	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.620%		
47) 2-Hexanone-d5	8.030	63	59529	96.474	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.470%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	109894	48.351	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.700%		
66) 1,2-Dichlorobenzene-d4	11.570	152	86723	51.951	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.900%		
Target Compounds						
					Qvalue	
33) Benzene	5.021	78	146470	22.615	ug/L	100
51) Chlorobenzene	8.821	112	240426	52.331	ug/L	99
64) 1,3-Dichlorobenzene	11.130	146	11159	3.403	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	69305	20.042	ug/L	95
67) 1,2-Dichlorobenzene	11.586	146	81500	24.636	ug/L	99
69) 1,3,5-Trichlorobenzene	13.207	180	26677	10.769	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	26677	12.684	ug/L	99
72) 1,2,3-Trichlorobenzene	13.693	180	8524	4.087	ug/L	92

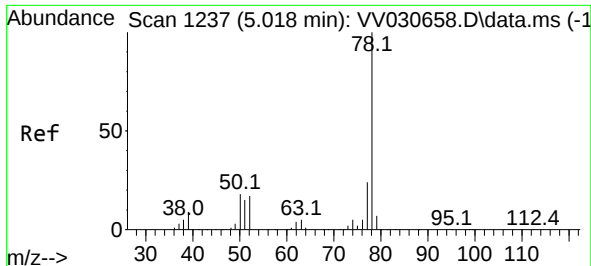
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 20 01:26:42 2023
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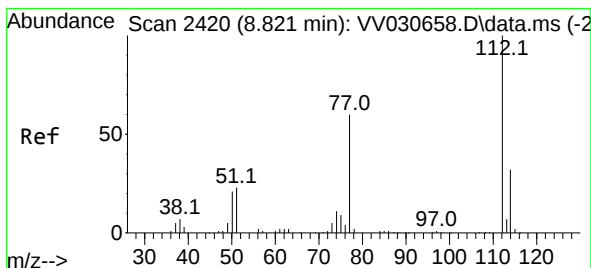
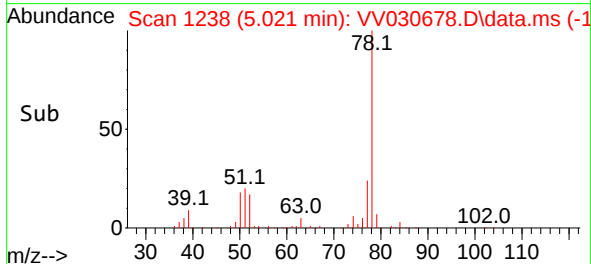
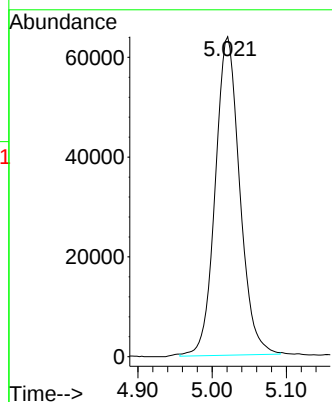
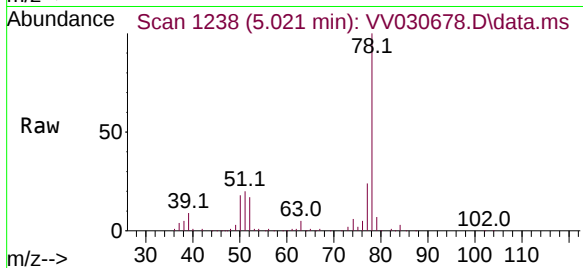




#33
Benzene
Concen: 22.615 ug/L
RT: 5.021 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV030678.D
Acq: 19 Apr 2023 20:29

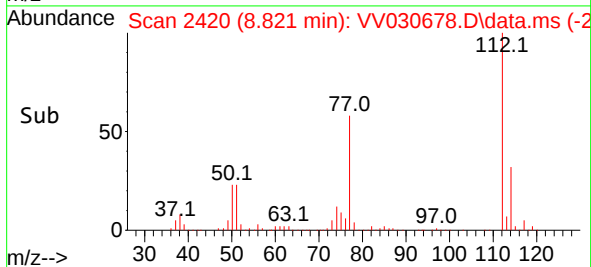
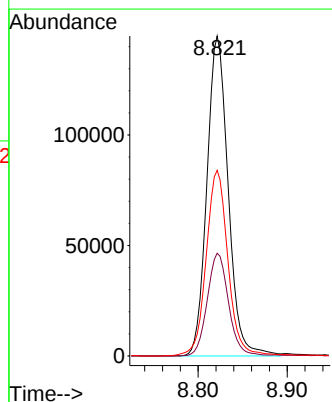
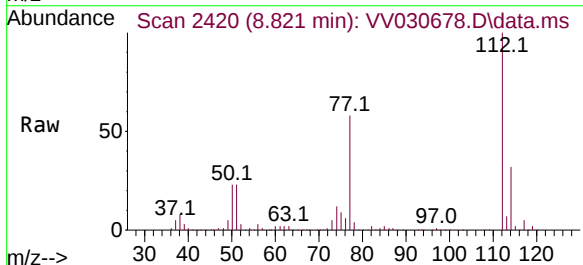
Instrument :
MSVOA_V
ClientSampleId :

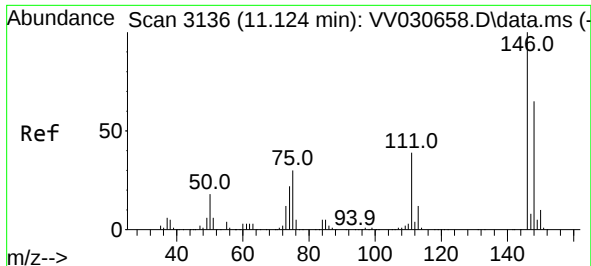
Tgt Ion: 78 Resp: 146470



#51
Chlorobenzene
Concen: 52.331 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030678.D
Acq: 19 Apr 2023 20:29

Tgt Ion: 112 Resp: 240426
Ion Ratio Lower Upper
112 100
114 32.1 22.4 41.6
77 58.0 47.4 71.0

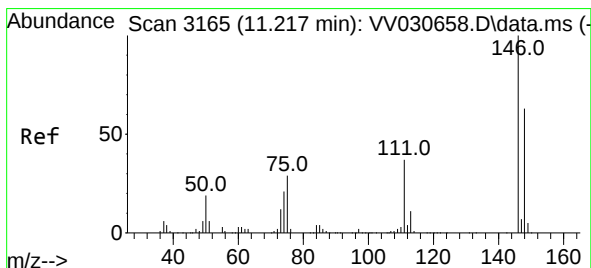
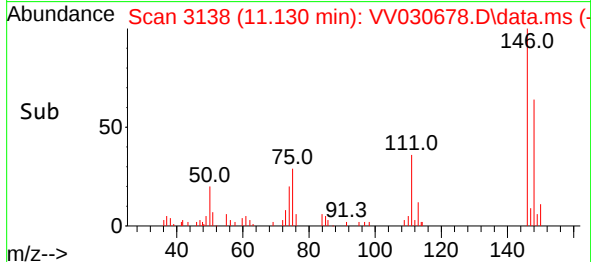
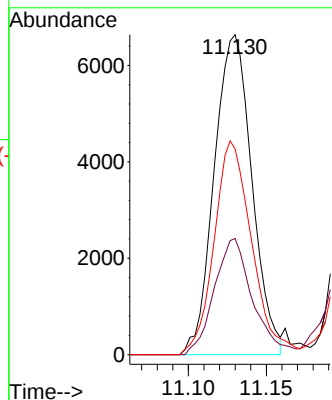
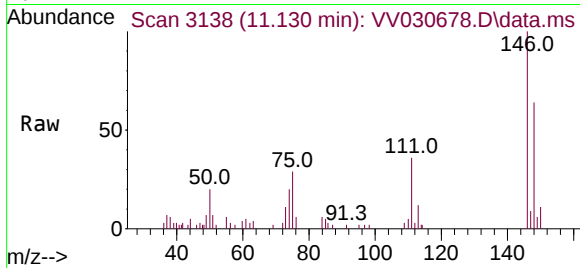




#64
1,3-Dichlorobenzene
Concen: 3.403 ug/L
RT: 11.130 min Scan# 3113
Delta R.T. 0.006 min
Lab File: VV030678.D
Acq: 19 Apr 2023 20:29

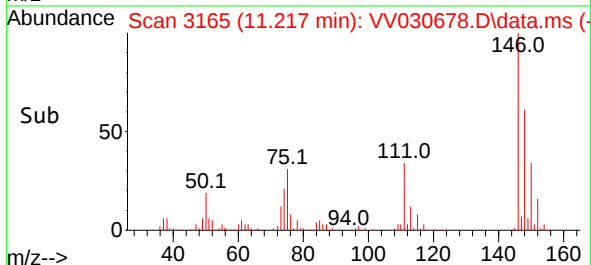
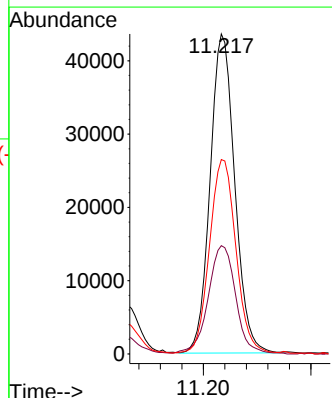
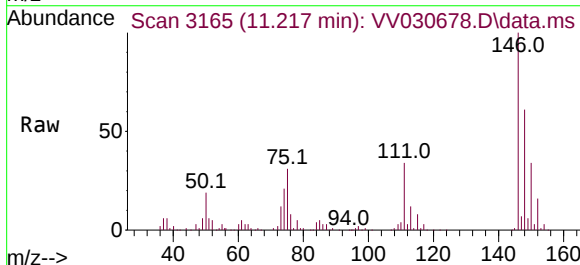
Instrument :
MSVOA_V
ClientSampleId :

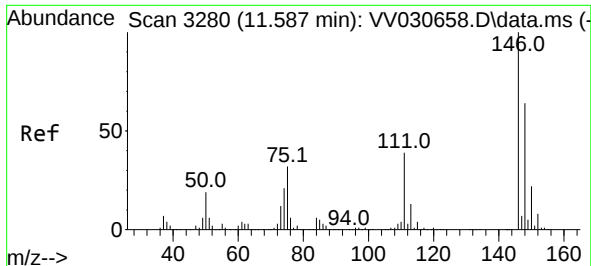
Tgt Ion:146 Resp: 11159
Ion Ratio Lower Upper
146 100
111 36.3 27.0 50.2
148 64.3 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 20.042 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030678.D
Acq: 19 Apr 2023 20:29

Tgt Ion:146 Resp: 69305
Ion Ratio Lower Upper
146 100
111 33.9 26.5 49.1
148 60.8 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 24.636 ug/L

RT: 11.586 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030678.D

Acq: 19 Apr 2023 20:29

Instrument :

MSVOA_V

ClientSampleId :

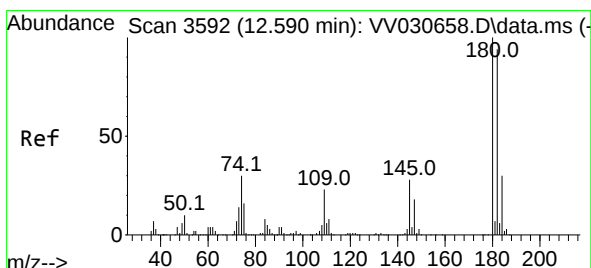
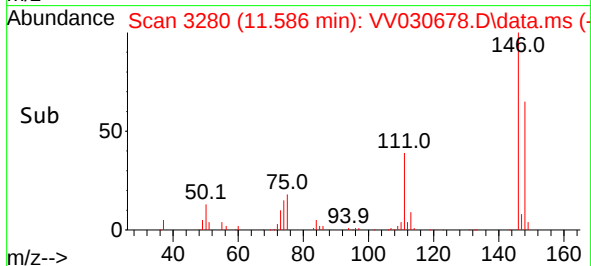
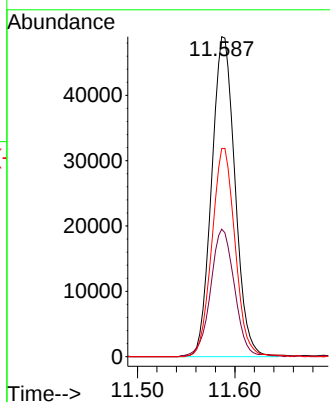
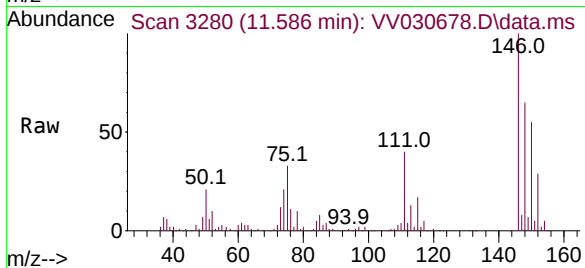
Tgt Ion:146 Resp: 81500

Ion Ratio Lower Upper

146 100

111 39.9 32.0 48.0

148 65.1 50.6 76.0



#69

1,3,5-Trichlorobenzene

Concen: 10.769 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.617 min

Lab File: VV030678.D

Acq: 19 Apr 2023 20:29

Tgt Ion:180 Resp: 26677

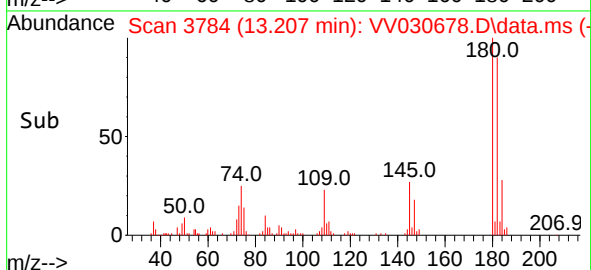
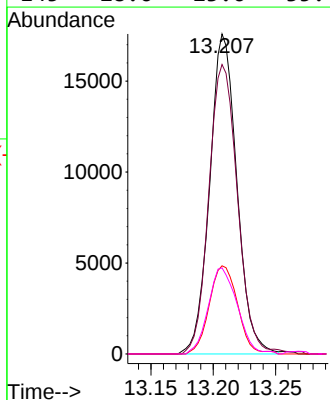
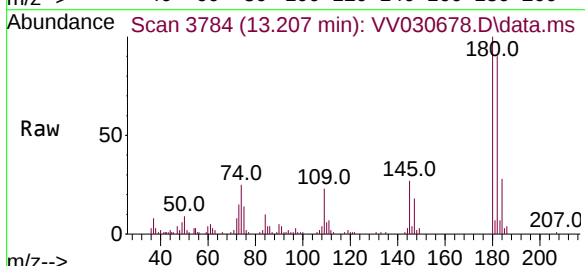
Ion Ratio Lower Upper

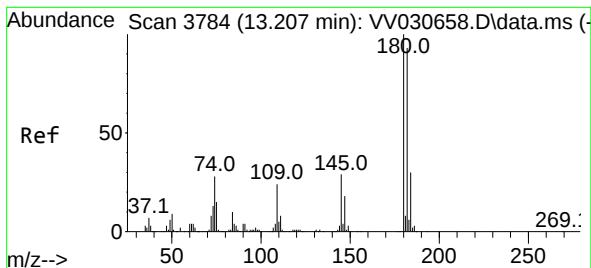
180 100

182 94.6 76.4 114.6

184 28.4 24.1 36.1

145 28.6 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 12.684 ug/L

RT: 13.207 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030678.D

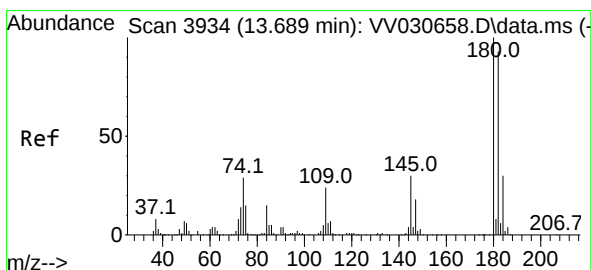
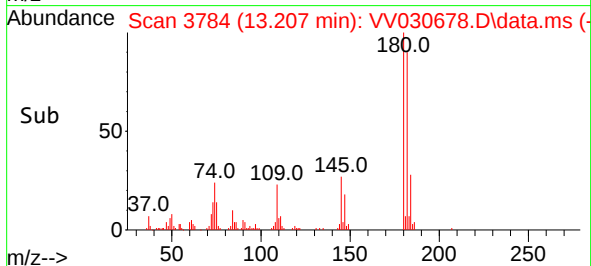
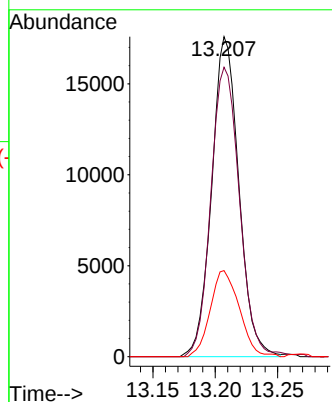
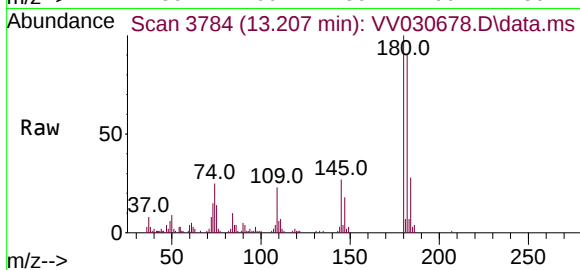
Acq: 19 Apr 2023 20:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180	Resp:	26677
Ion Ratio	Lower	Upper
180	100	
182	94.6	75.9 113.9
145	28.6	23.4 35.2



#72

1,2,3-Trichlorobenzene

Concen: 4.087 ug/L

RT: 13.693 min Scan# 3935

Delta R.T. 0.003 min

Lab File: VV030678.D

Acq: 19 Apr 2023 20:29

Tgt Ion:180	Resp:	8524
Ion Ratio	Lower	Upper
180	100	
182	102.9	76.2 114.4
145	36.2	25.1 37.7

