

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032124\
 Data File : VV034798.D
 Acq On : 21 Mar 2024 19:09
 Operator : SY/MD
 Sample : P1757-05DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 22 02:06:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:59:49 2024
 Response via : Initial Calibration

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

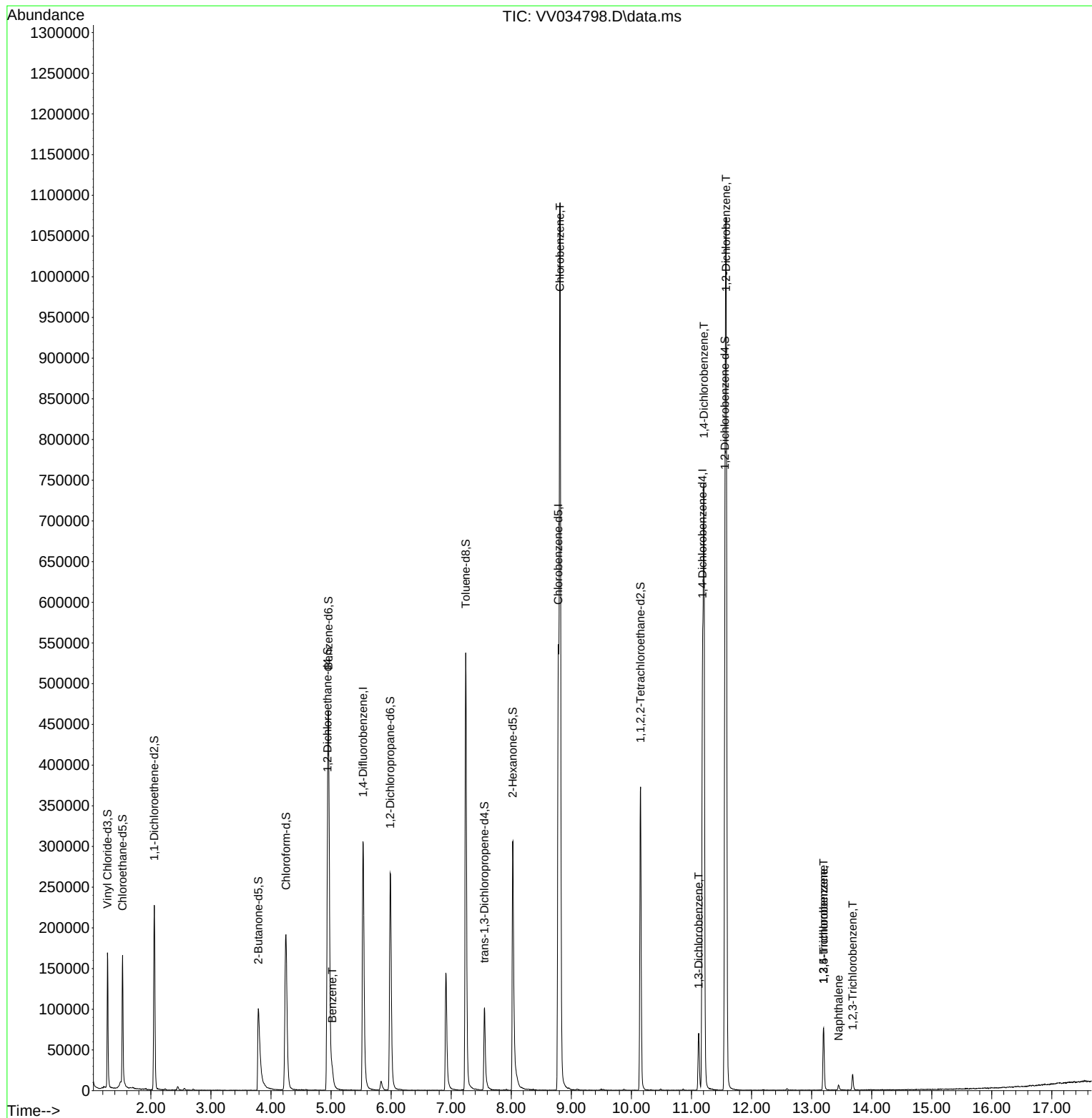
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	268304	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	260717	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	124861	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	107878	46.381	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.760%			
7) Chloroethane-d5	1.529	69	94045	51.900	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.800%			
11) 1,1-Dichloroethene-d2	2.056	65	39454	37.508	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.020%			
21) 2-Butanone-d5	3.789	46	167337	107.582	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.580%			
24) Chloroform-d	4.249	84	208782	50.768	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.540%			
26) 1,2-Dichloroethane-d4	4.940	65	144463	53.756	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.520%			
32) Benzene-d6	4.957	84	410002	52.107	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.220%			
36) 1,2-Dichloropropane-d6	5.985	67	127859	53.245	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.500%			
41) Toluene-d8	7.243	98	353035	49.579	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.160%			
43) trans-1,3-Dichloroprop...	7.555	79	60664	50.307	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.620%			
47) 2-Hexanone-d5	8.024	63	107948	90.023	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.020%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	172616	54.624	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.240%			
66) 1,2-Dichlorobenzene-d4	11.558	152	135676	53.160	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.320%			
Target Compounds					Qvalue	
33) Benzene	5.021	78	24396	3.015	ug/L	100
51) Chlorobenzene	8.812	112	564817	102.008	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	28060	6.872	ug/L	94
65) 1,4-Dichlorobenzene	11.207	146	278591	67.190	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	363160	88.763	ug/L	99
69) 1,3,5-Trichlorobenzene	13.201	180	23799	7.770	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	23799	8.635	ug/L	98
71) Naphthalene	13.448	128	5892	0.799	ug/L	96
72) 1,2,3-Trichlorobenzene	13.683	180	6059	2.253	ug/L	94

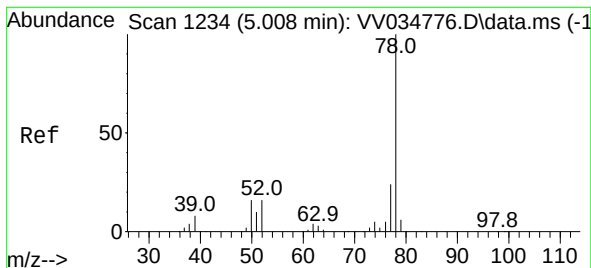
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 22 01:59:49 2024
Response via : Initial Calibration





#33

Benzene

Concen: 3.015 ug/L

RT: 5.021 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV034798.D

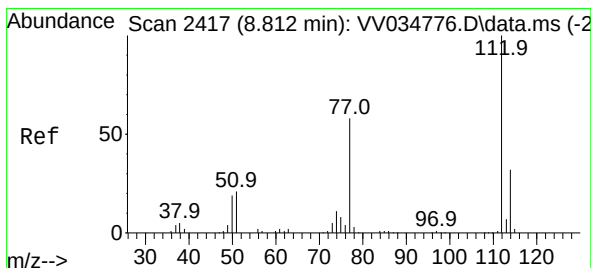
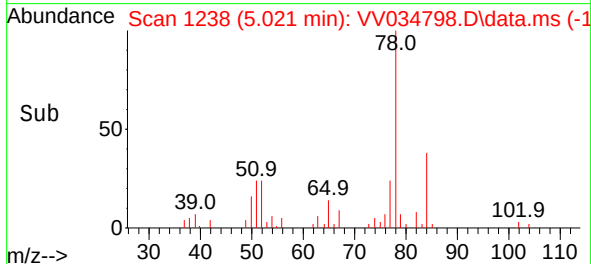
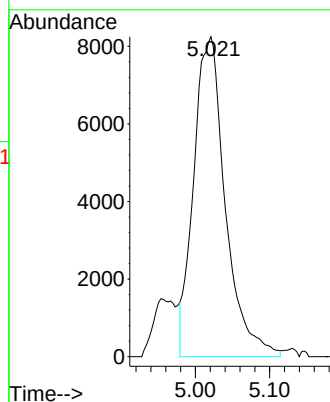
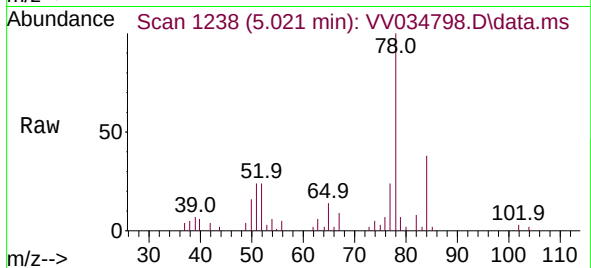
Acq: 21 Mar 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 24396



#51

Chlorobenzene

Concen: 102.008 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV034798.D

Acq: 21 Mar 2024 19:09

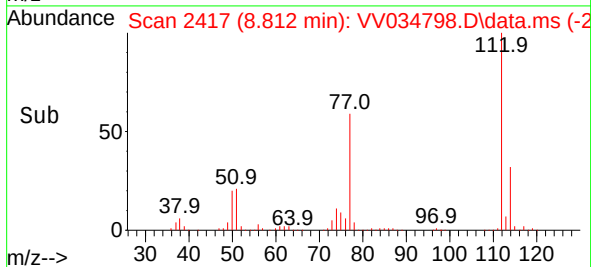
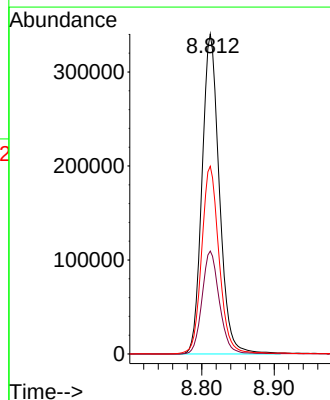
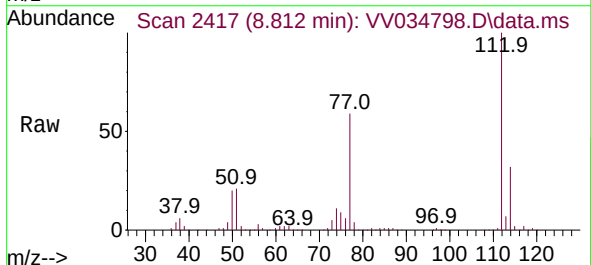
Tgt Ion: 112 Resp: 564817

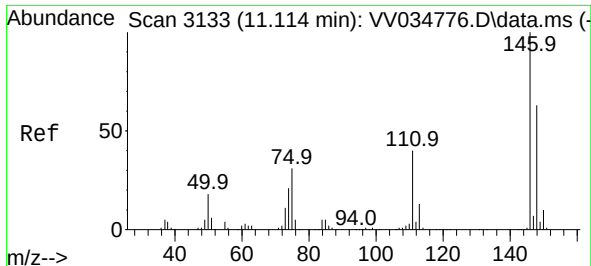
Ion Ratio Lower Upper

112 100

114 32.2 22.3 41.5

77 58.7 47.7 71.5





#64

1,3-Dichlorobenzene

Concen: 6.872 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.007 min

Lab File: VV034798.D

Acq: 21 Mar 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

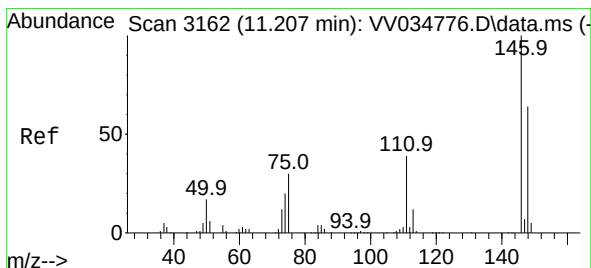
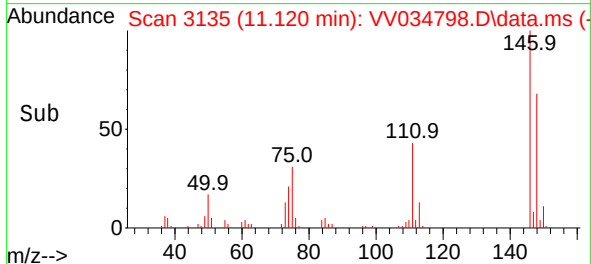
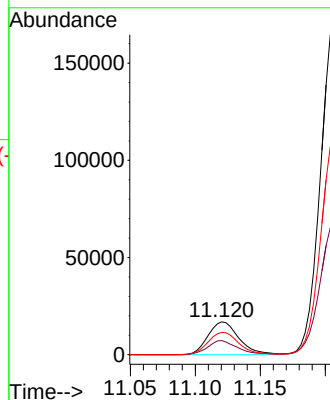
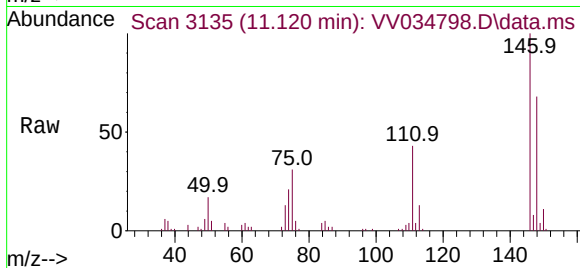
Tgt Ion:146 Resp: 28060

Ion Ratio Lower Upper

146 100

111 43.2 27.9 51.7

148 67.9 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 67.190 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034798.D

Acq: 21 Mar 2024 19:09

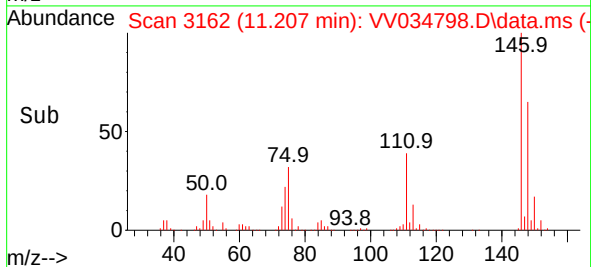
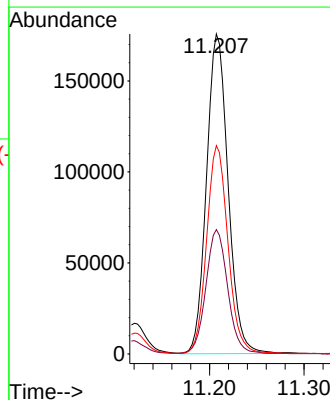
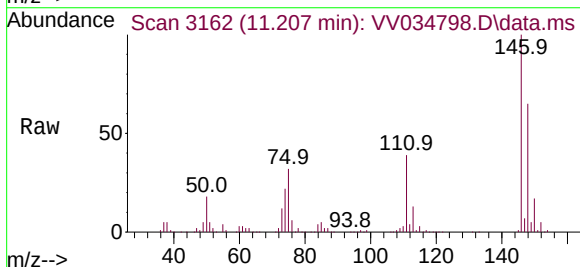
Tgt Ion:146 Resp: 278591

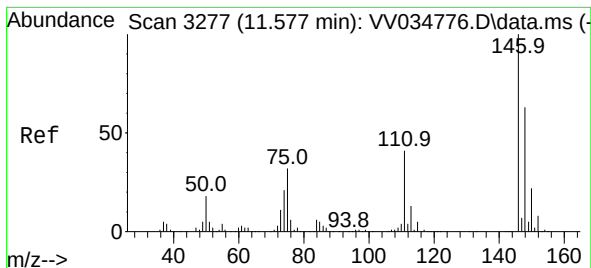
Ion Ratio Lower Upper

146 100

111 38.9 26.5 49.1

148 65.1 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 88.763 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034798.D

Acq: 21 Mar 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

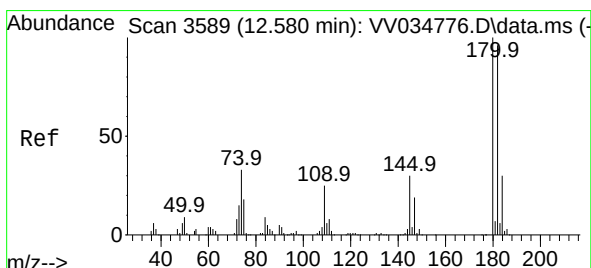
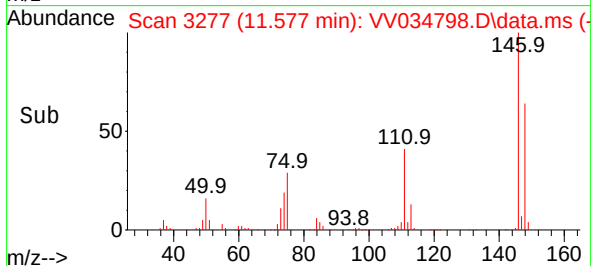
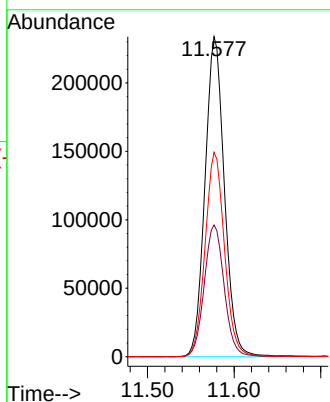
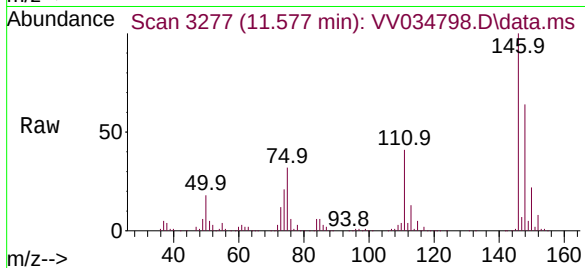
Tgt Ion:146 Resp: 363160

Ion Ratio Lower Upper

146 100

111 41.2 33.8 50.8

148 63.9 51.3 76.9



#69

1,3,5-Trichlorobenzene

Concen: 7.770 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.621 min

Lab File: VV034798.D

Acq: 21 Mar 2024 19:09

Tgt Ion:180 Resp: 23799

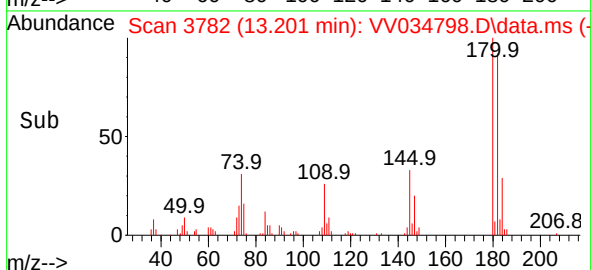
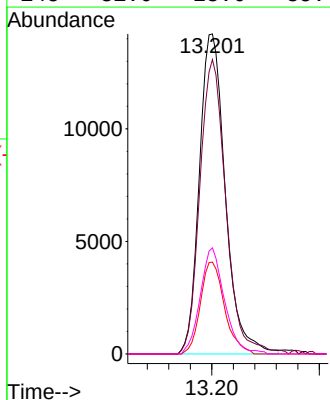
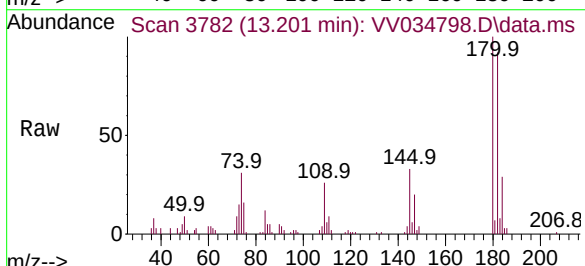
Ion Ratio Lower Upper

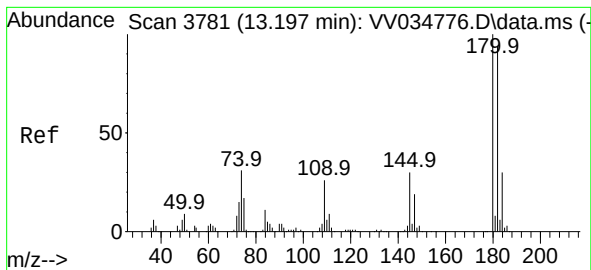
180 100

182 91.7 74.6 112.0

184 26.7 23.6 35.4

145 31.0 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 8.635 ug/L

RT: 13.201 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV034798.D

Acq: 21 Mar 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :

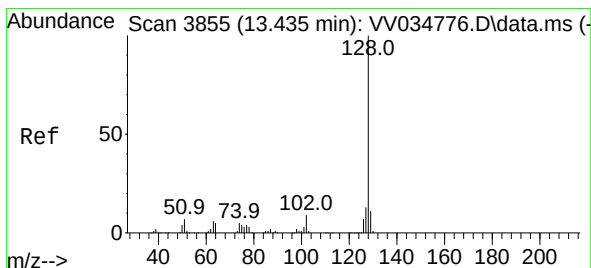
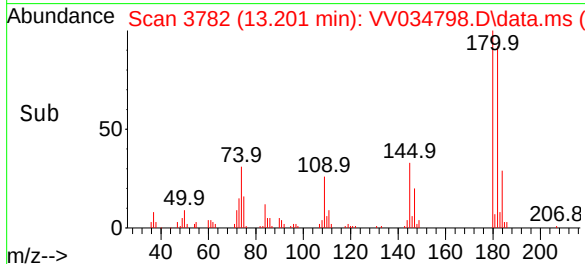
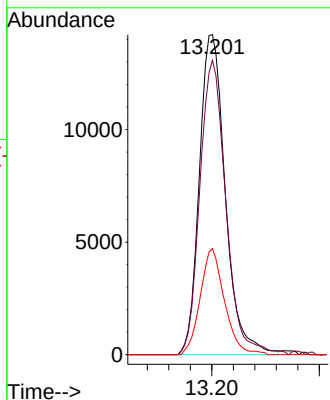
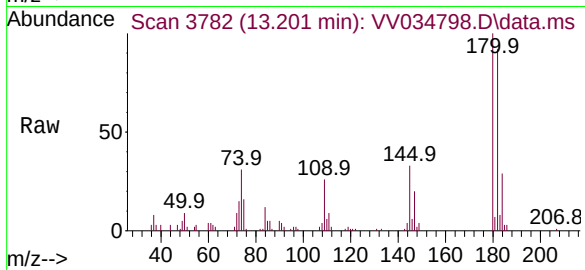
Tgt Ion:180 Resp: 23799

Ion Ratio Lower Upper

180 100

182 91.7 74.8 112.2

145 31.0 24.2 36.4



#71

Naphthalene

Concen: 0.799 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.013 min

Lab File: VV034798.D

Acq: 21 Mar 2024 19:09

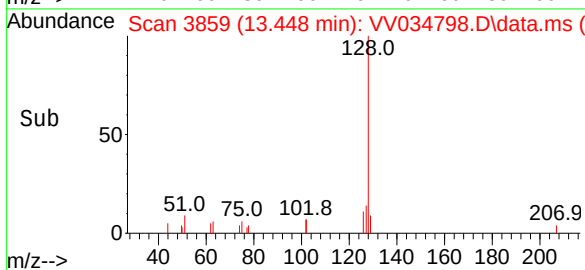
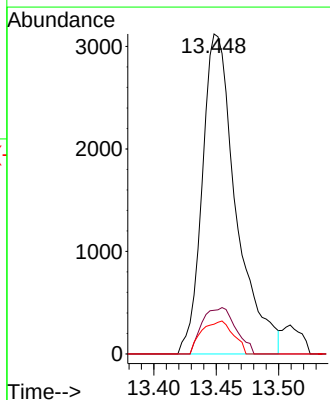
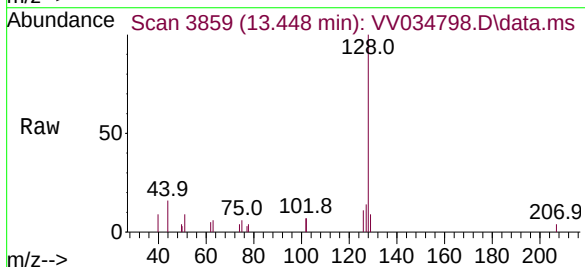
Tgt Ion:128 Resp: 5892

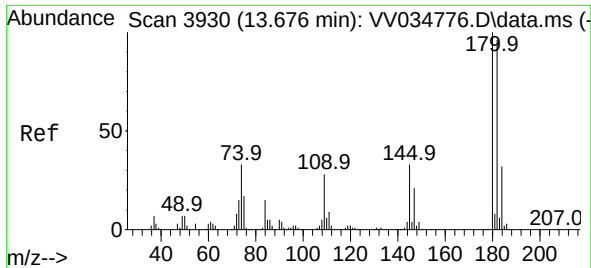
Ion Ratio Lower Upper

128 100

127 14.4 10.3 15.5

129 9.6 8.7 13.1





#72

1,2,3-Trichlorobenzene

Concen: 2.253 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.007 min

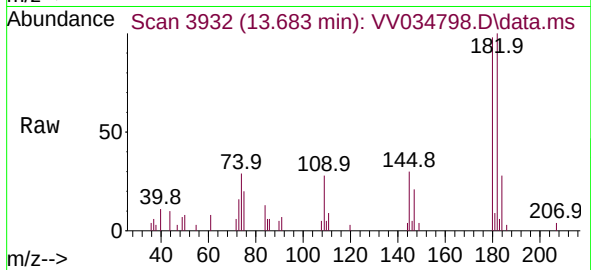
Lab File: VV034798.D

Acq: 21 Mar 2024 19:09

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 6059

Ion Ratio Lower Upper

180 100

182 100.9 75.9 113.9

145 36.0 25.5 38.3

