

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032124\
 Data File : VV034797.D
 Acq On : 21 Mar 2024 18:45
 Operator : SY/MD
 Sample : P1757-04DL 400X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 22 02:06:20 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)

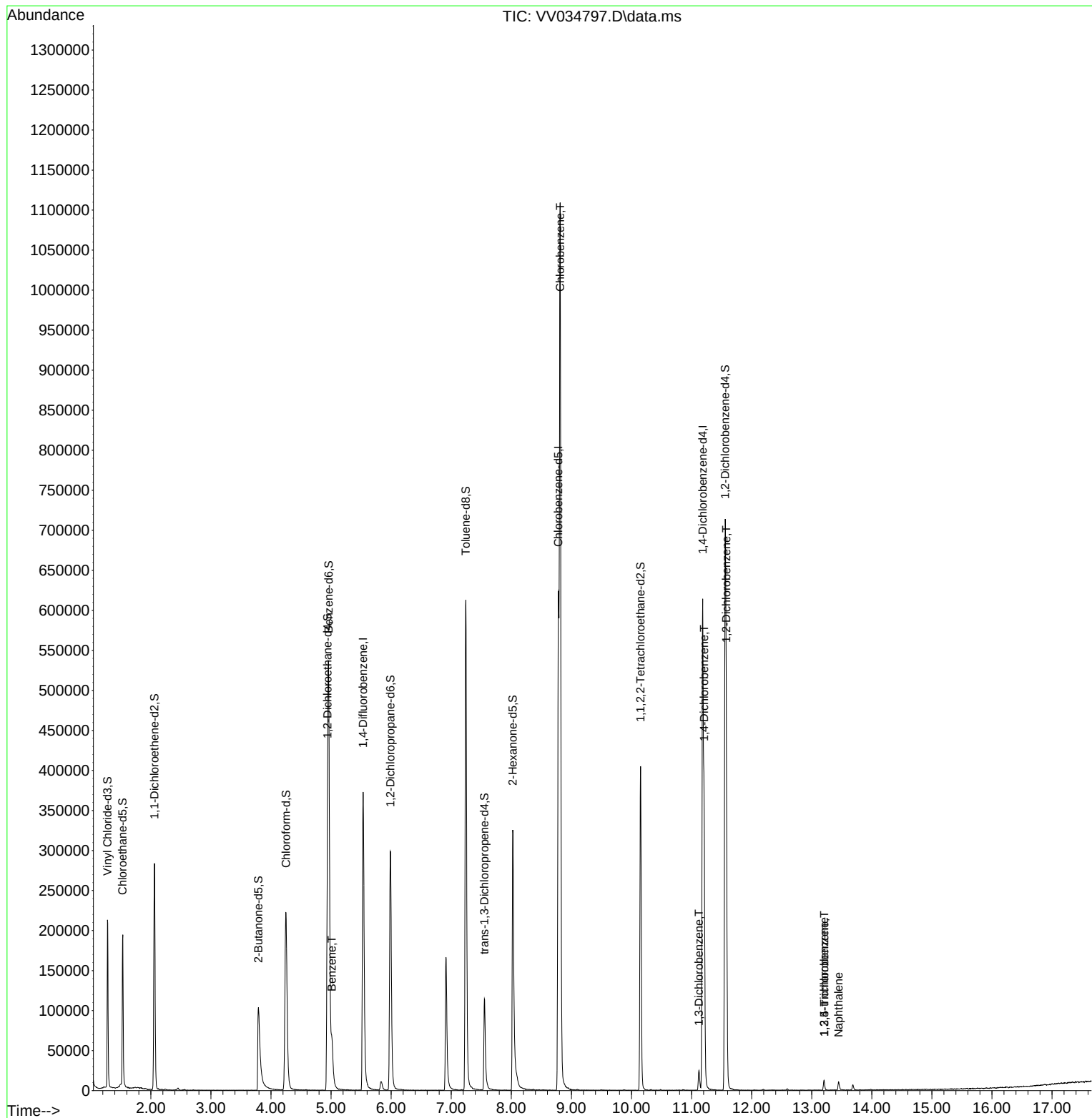
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	322797	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	304002	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	144861	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	136034	48.613	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.220%
7) Chloroethane-d5	1.529	69	110790	50.819	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.640%
11) 1,1-Dichloroethene-d2	2.060	65	48281	38.151	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.300%
21) 2-Butanone-d5	3.790	46	177690	94.953	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.950%
24) Chloroform-d	4.249	84	239783	48.463	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.920%
26) 1,2-Dichloroethane-d4	4.941	65	162620	50.297	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.600%
32) Benzene-d6	4.960	84	470608	51.293	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.580%
36) 1,2-Dichloropropane-d6	5.989	67	144513	51.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.220%
41) Toluene-d8	7.243	98	407283	49.054	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.100%
43) trans-1,3-Dichloroprop...	7.551	79	69469	49.407	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.820%
47) 2-Hexanone-d5	8.024	63	112321	80.333	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.330%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	187990	51.018	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.040%
66) 1,2-Dichlorobenzene-d4	11.558	152	157859	53.313	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.620%
Target Compounds						
					Qvalue	
33) Benzene	5.011	78	61330	6.499	ug/L	100
51) Chlorobenzene	8.812	112	570181	88.315	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	11015	2.325	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	134548	27.970	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	142499	30.021	ug/L	99
69) 1,3,5-Trichlorobenzene	13.207	180	4266	1.200	ug/L	94
70) 1,2,4-trichlorobenzene	13.207	180	4266	1.334	ug/L	94
71) Naphthalene	13.448	128	10218	1.195	ug/L #	88

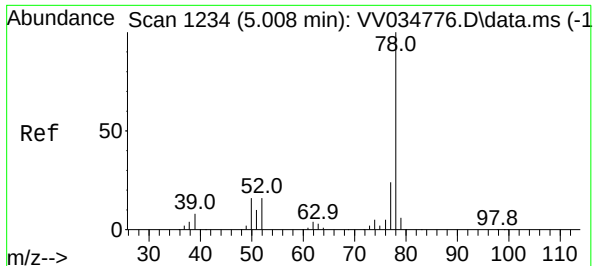
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032124\
Data File : VV034797.D
Acq On : 21 Mar 2024 18:45
Operator : SY/MD
Sample : P1757-04DL 400X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Mar 22 02:06:20 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





#33

Benzene

Concen: 6.499 ug/L

RT: 5.011 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034797.D

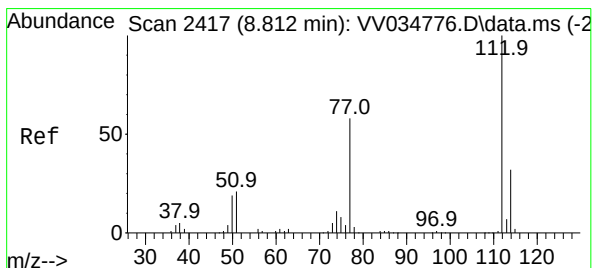
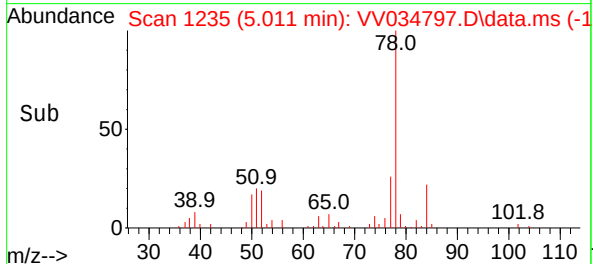
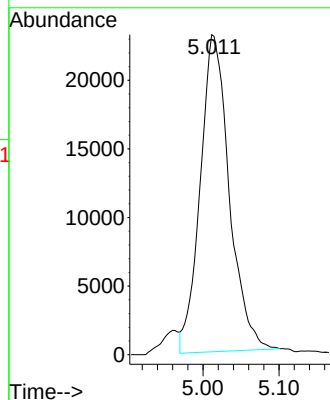
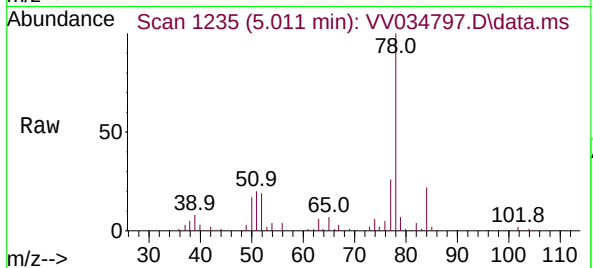
Acq: 21 Mar 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 61330



#51

Chlorobenzene

Concen: 88.315 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV034797.D

Acq: 21 Mar 2024 18:45

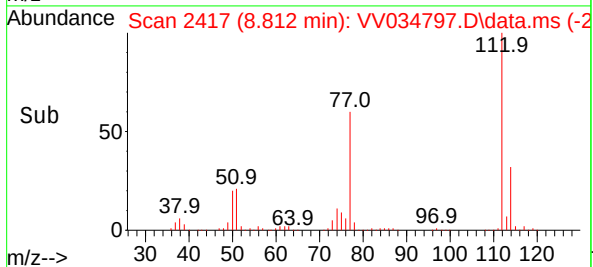
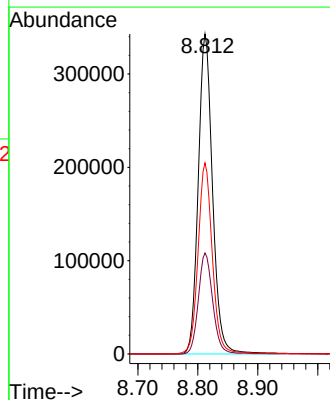
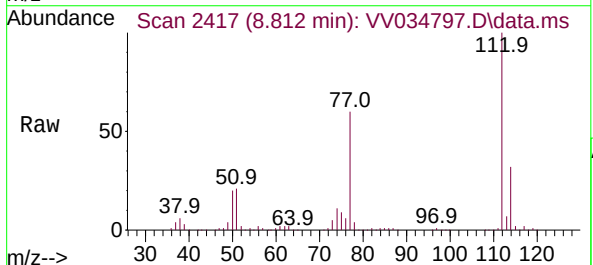
Tgt Ion: 112 Resp: 570181

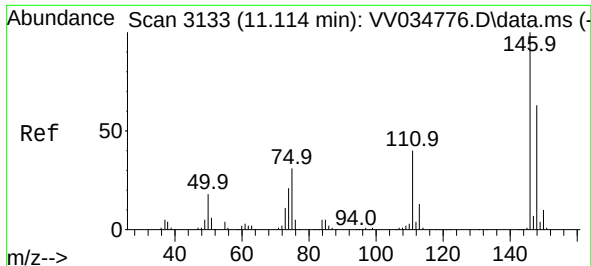
Ion Ratio Lower Upper

112 100

114 31.5 22.3 41.5

77 59.7 47.7 71.5





#64

1,3-Dichlorobenzene

Concen: 2.325 ug/L

RT: 11.124 min Scan# 3133

Delta R.T. 0.010 min

Lab File: VV034797.D

Acq: 21 Mar 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

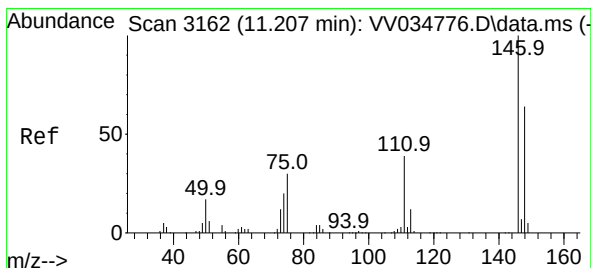
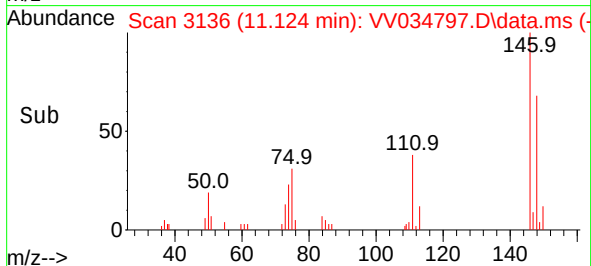
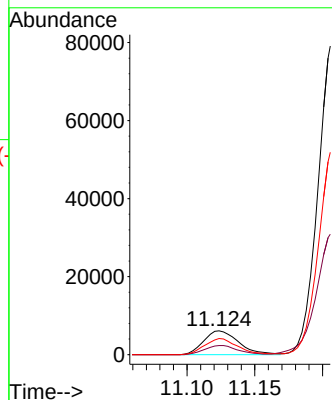
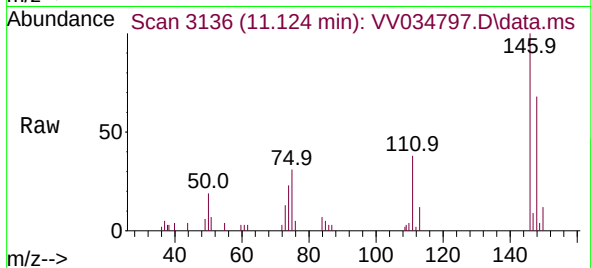
Tgt Ion:146 Resp: 11015

Ion Ratio Lower Upper

146 100

111 38.0 27.9 51.7

148 67.9 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 27.970 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034797.D

Acq: 21 Mar 2024 18:45

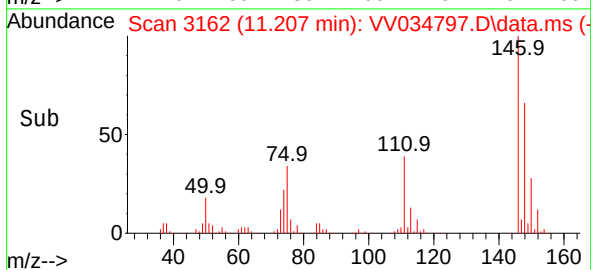
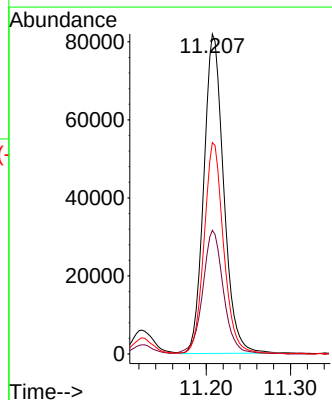
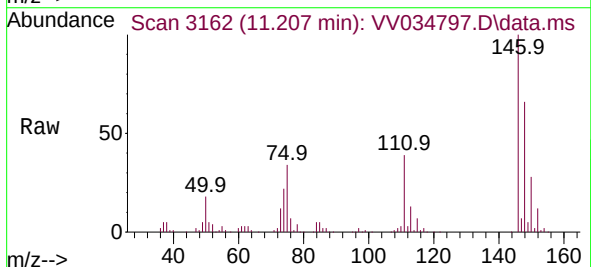
Tgt Ion:146 Resp: 134548

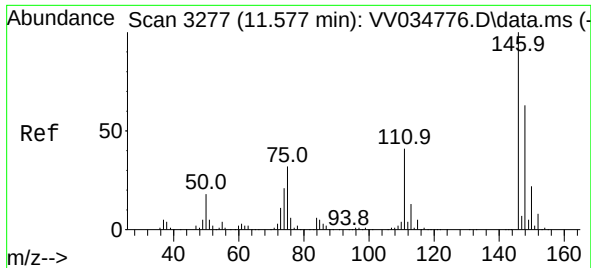
Ion Ratio Lower Upper

146 100

111 38.6 26.5 49.1

148 66.1 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 30.021 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034797.D

Acq: 21 Mar 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

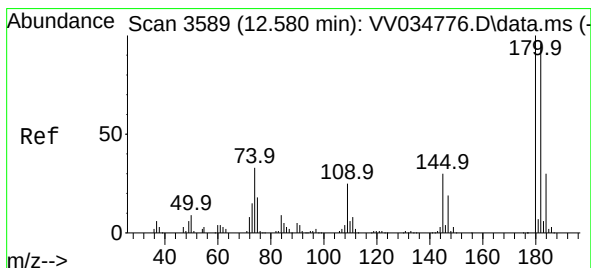
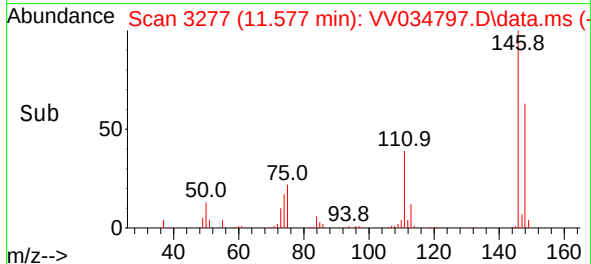
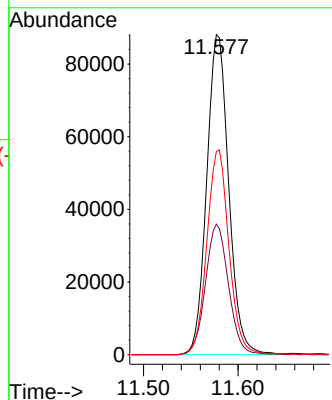
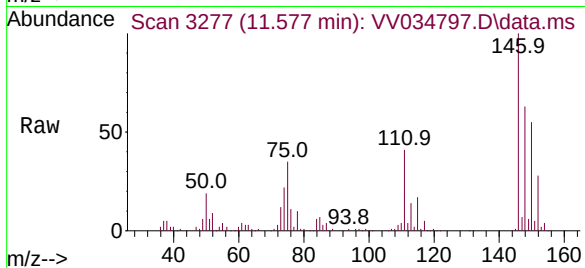
Tgt Ion:146 Resp: 142499

Ion Ratio Lower Upper

146 100

111 40.8 33.8 50.8

148 63.5 51.3 76.9



#69

1,3,5-Trichlorobenzene

Concen: 1.200 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.627 min

Lab File: VV034797.D

Acq: 21 Mar 2024 18:45

Tgt Ion:180 Resp: 4266

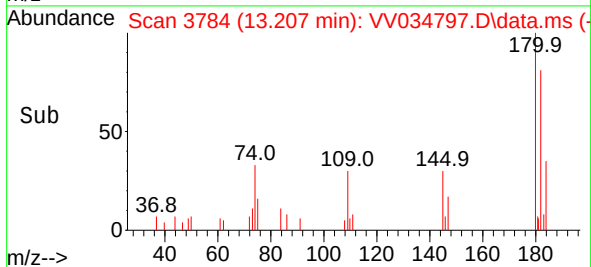
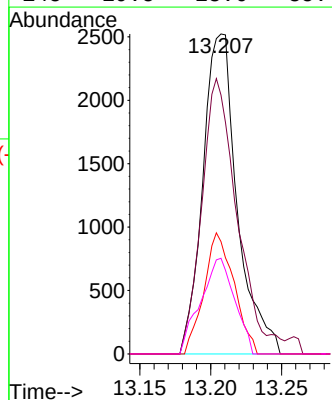
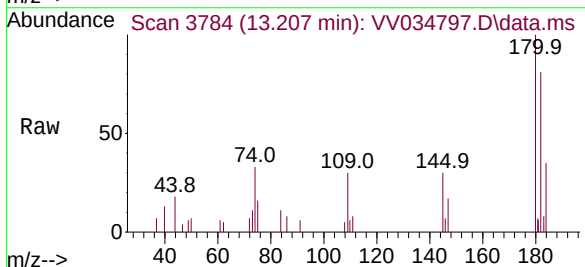
Ion Ratio Lower Upper

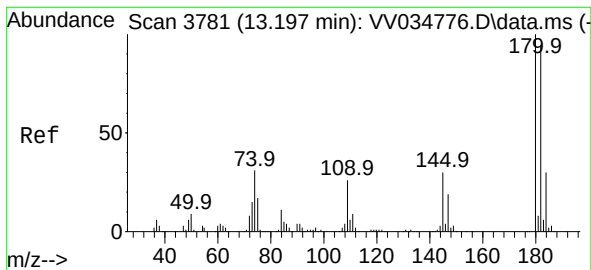
180 100

182 86.5 74.6 112.0

184 33.0 23.6 35.4

145 29.5 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 1.334 ug/L

RT: 13.207 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV034797.D

Acq: 21 Mar 2024 18:45

Instrument :

MSVOA_V

ClientSampleId :

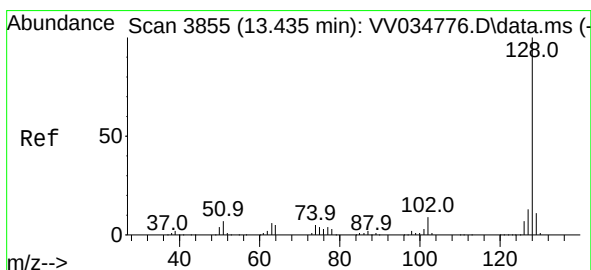
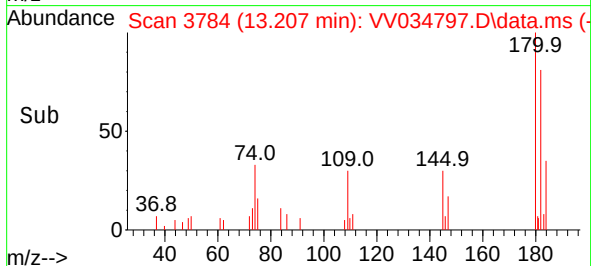
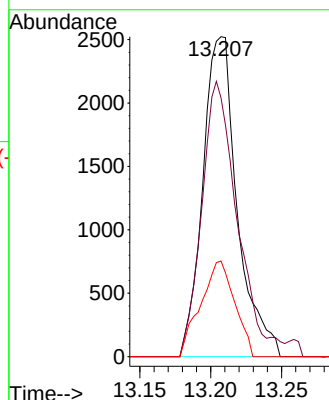
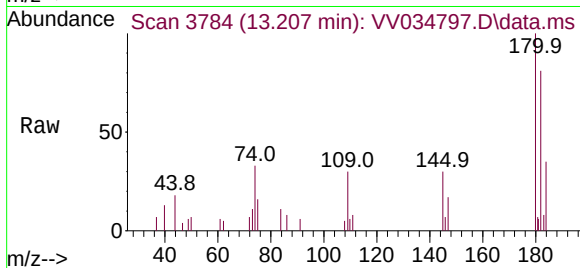
Tgt Ion:180 Resp: 4266

Ion Ratio Lower Upper

180 100

182 86.5 74.8 112.2

145 29.5 24.2 36.4



#71

Naphthalene

Concen: 1.195 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.013 min

Lab File: VV034797.D

Acq: 21 Mar 2024 18:45

Tgt Ion:128 Resp: 10218

Ion Ratio Lower Upper

128 100

127 9.4 10.3 15.5#

129 5.1 8.7 13.1#

