

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032124\
 Data File : VV034796.D
 Acq On : 21 Mar 2024 18:21
 Operator : SY/MD
 Sample : P1757-03DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 22 02:06:05 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)

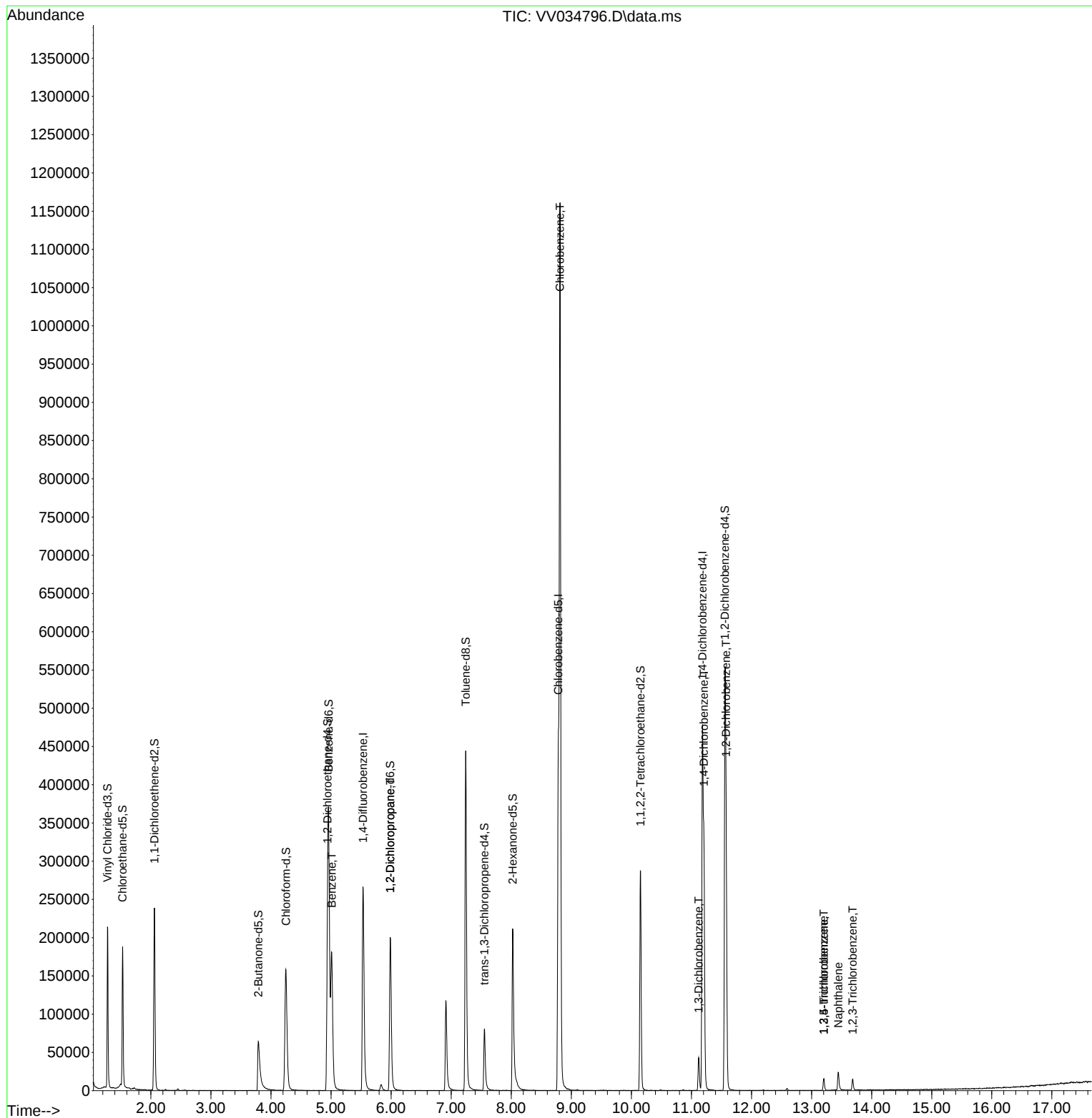
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	239178	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	227235	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	117785	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	135778	65.485	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 130.960%		
7) Chloroethane-d5	1.529	69	110858	68.628	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 137.260%#		
11) 1,1-Dichloroethene-d2	2.060	65	39701	42.339	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 84.680%		
21) 2-Butanone-d5	3.789	46	101512	73.210	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 73.210%		
24) Chloroform-d	4.249	84	169111	46.129	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 92.260%		
26) 1,2-Dichloroethane-d4	4.941	65	118031	49.269	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 98.540%		
32) Benzene-d6	4.960	84	324423	47.306	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 94.620%		
36) 1,2-Dichloropropane-d6	5.985	67	89638	42.829	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 85.660%		
41) Toluene-d8	7.243	98	298523	48.101	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 96.200%		
43) trans-1,3-Dichloroprop...	7.555	79	47829	45.508	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 91.020%		
47) 2-Hexanone-d5	8.024	63	73512	70.338	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 70.340%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	125350	45.511	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 91.020%		
66) 1,2-Dichlorobenzene-d4	11.558	152	127792	53.079	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 106.160%		
Target Compounds						
						Qvalue
33) Benzene	5.011	78	187713	26.613	ug/L	100
37) 1,2-Dichloropropane	5.985	63	12648	6.849	ug/L #	87
51) Chlorobenzene	8.812	112	603839	125.124	ug/L	96
64) 1,3-Dichlorobenzene	11.120	146	18488	4.800	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	127042	32.480	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	113248	29.343	ug/L	98
69) 1,3,5-Trichlorobenzene	13.204	180	5109	1.768	ug/L	95
70) 1,2,4-trichlorobenzene	13.204	180	5109	1.965	ug/L	95
71) Naphthalene	13.445	128	20762	2.985	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	4386	1.729	ug/L	88

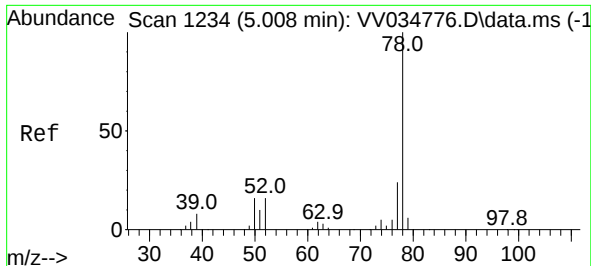
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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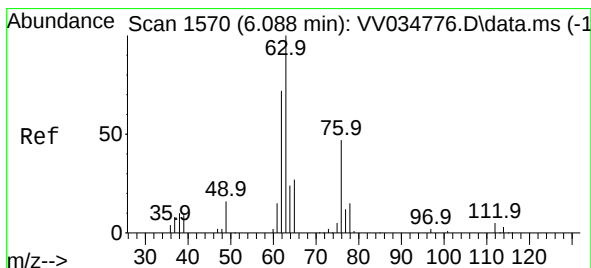
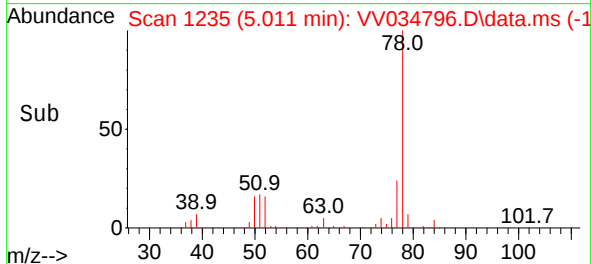
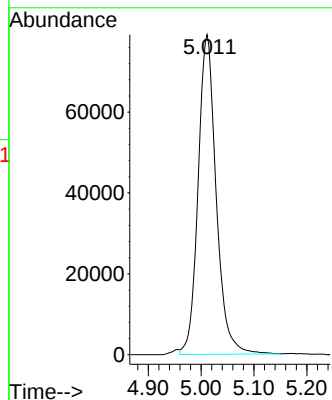
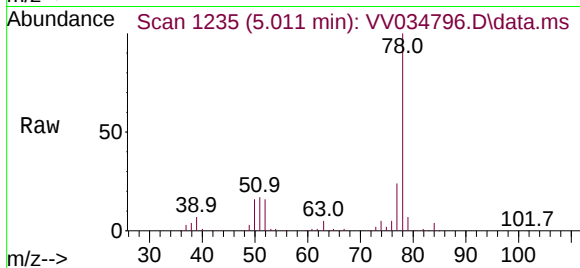




#33
Benzene
Concen: 26.613 ug/L
RT: 5.011 min Scan# 1538
Delta R.T. 0.003 min
Lab File: VV034796.D
Acq: 21 Mar 2024 18:21

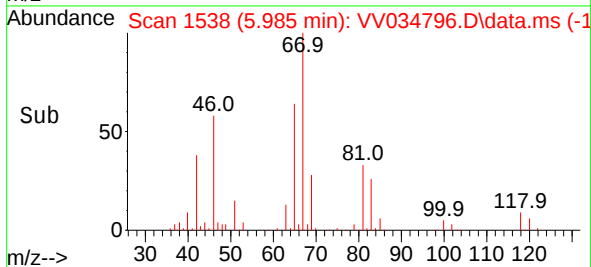
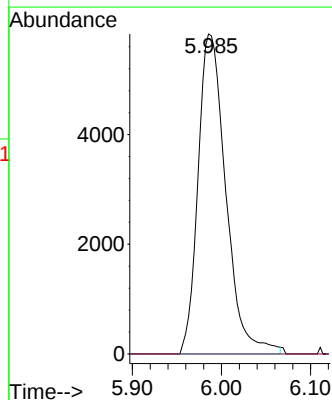
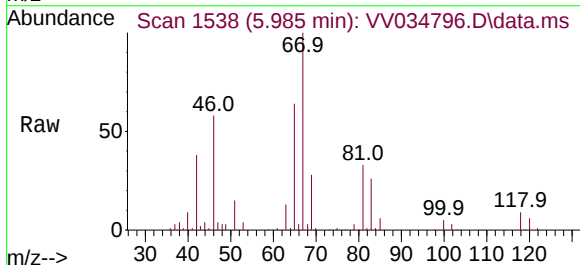
Instrument :
MSVOA_V
ClientSampleId :

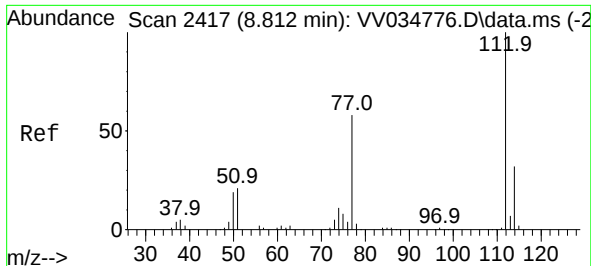
Tgt Ion: 78 Resp: 187713



#37
1,2-Dichloropropane
Concen: 6.849 ug/L
RT: 5.985 min Scan# 1538
Delta R.T. -0.103 min
Lab File: VV034796.D
Acq: 21 Mar 2024 18:21

Tgt Ion: 63 Resp: 12648
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#51

Chlorobenzene

Concen: 125.124 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV034796.D

Acq: 21 Mar 2024 18:21

Instrument :

MSVOA_V

ClientSampleId :

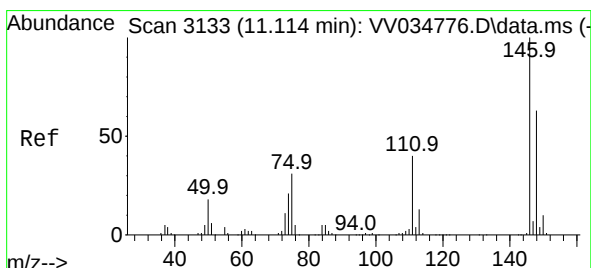
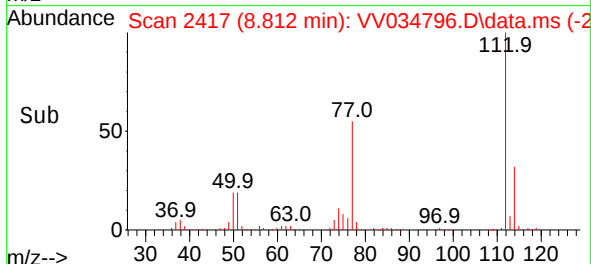
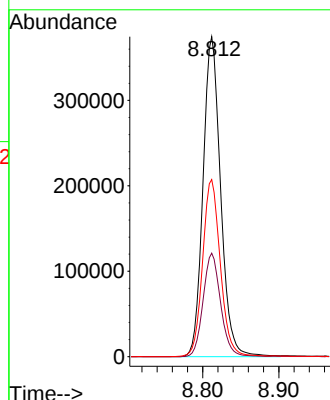
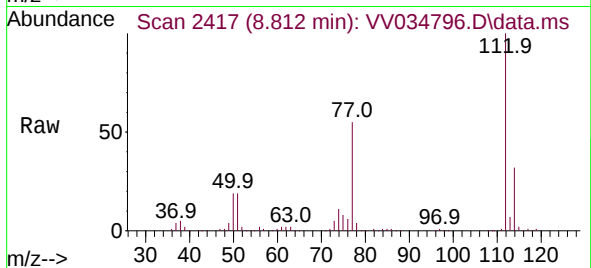
Tgt Ion:112 Resp: 603839

Ion Ratio Lower Upper

112 100

114 32.3 22.3 41.5

77 55.3 47.7 71.5



#64

1,3-Dichlorobenzene

Concen: 4.800 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.007 min

Lab File: VV034796.D

Acq: 21 Mar 2024 18:21

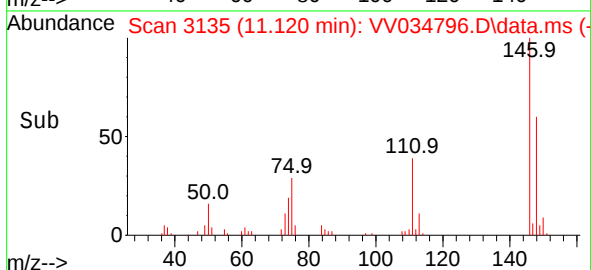
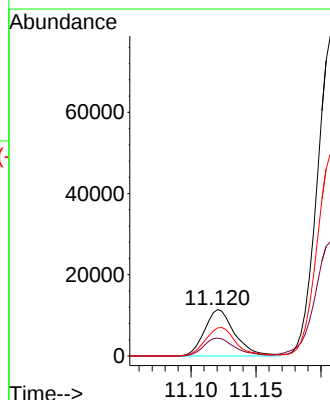
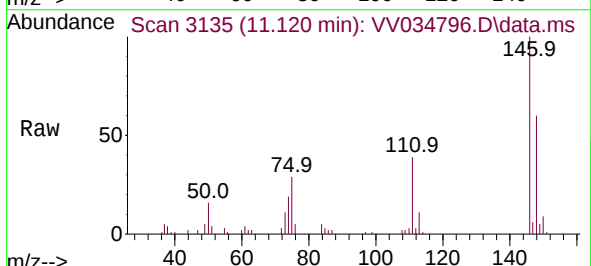
Tgt Ion:146 Resp: 18488

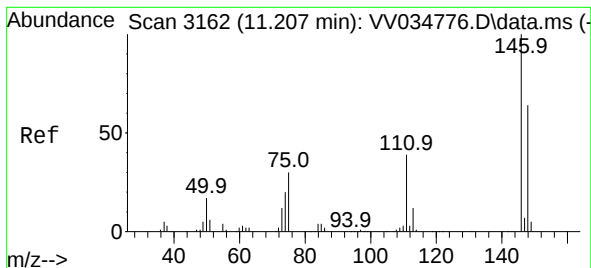
Ion Ratio Lower Upper

146 100

111 38.6 27.9 51.7

148 60.1 44.2 82.0





#65

1,4-Dichlorobenzene

Concen: 32.480 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034796.D

Acq: 21 Mar 2024 18:21

Instrument :

MSVOA_V

ClientSampleId :

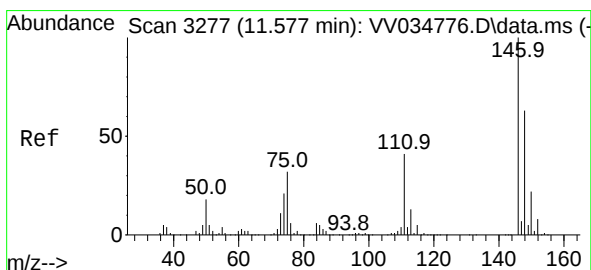
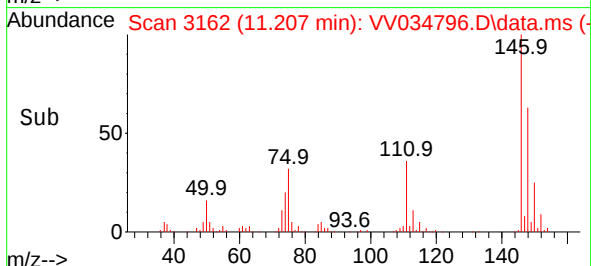
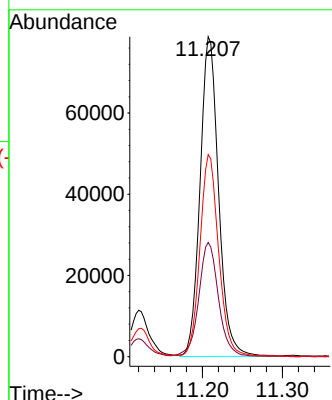
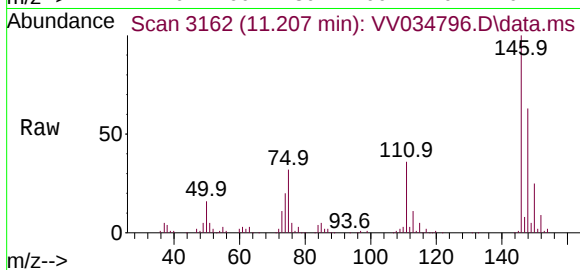
Tgt Ion:146 Resp: 127042

Ion Ratio Lower Upper

146 100

111 35.7 26.5 49.1

148 63.2 44.0 81.8



#67

1,2-Dichlorobenzene

Concen: 29.343 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV034796.D

Acq: 21 Mar 2024 18:21

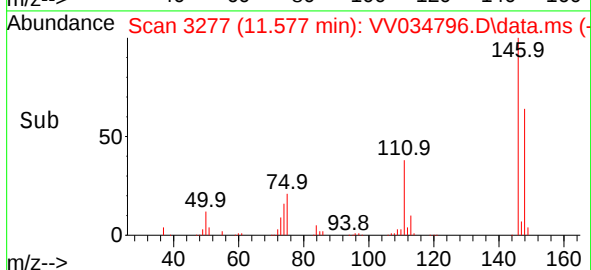
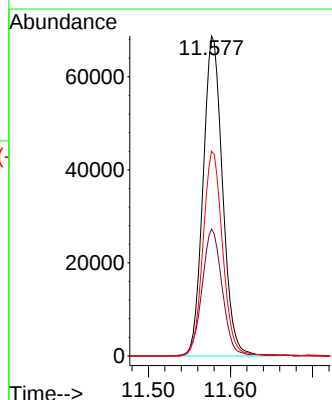
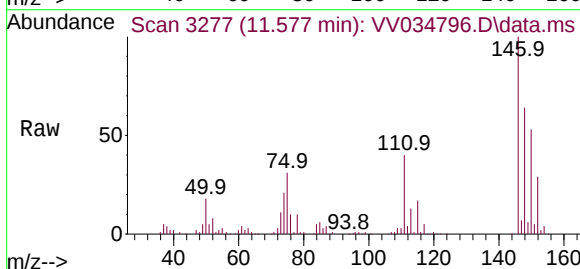
Tgt Ion:146 Resp: 113248

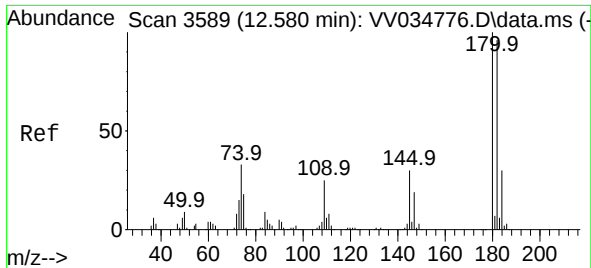
Ion Ratio Lower Upper

146 100

111 39.7 33.8 50.8

148 64.0 51.3 76.9





#69

1,3,5-Trichlorobenzene

Concen: 1.768 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.624 min

Lab File: VV034796.D

Acq: 21 Mar 2024 18:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 5109

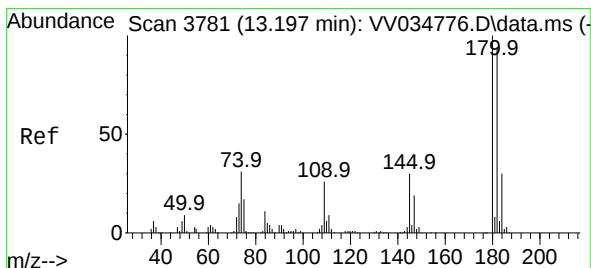
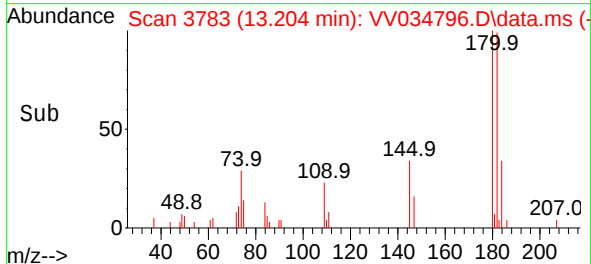
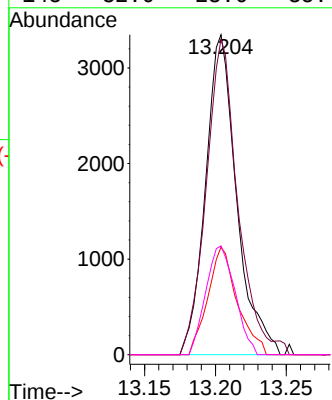
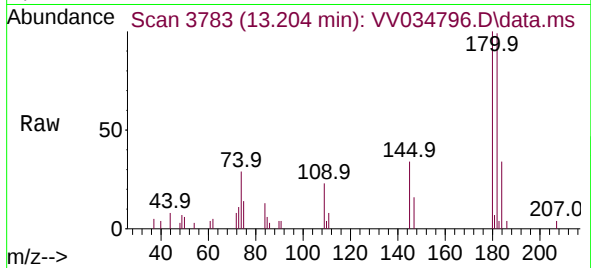
Ion Ratio Lower Upper

180 100

182 99.0 74.6 112.0

184 31.9 23.6 35.4

145 32.0 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 1.965 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.007 min

Lab File: VV034796.D

Acq: 21 Mar 2024 18:21

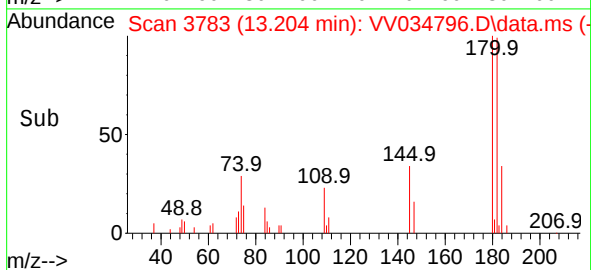
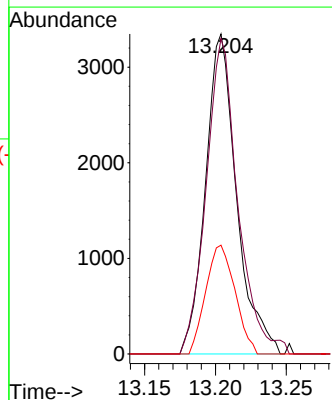
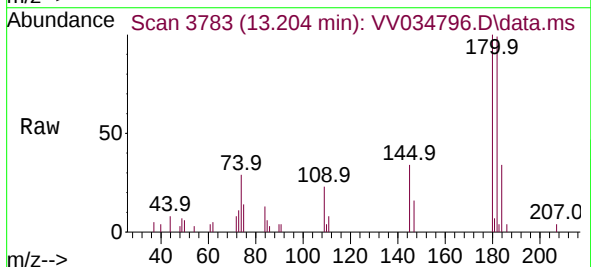
Tgt Ion:180 Resp: 5109

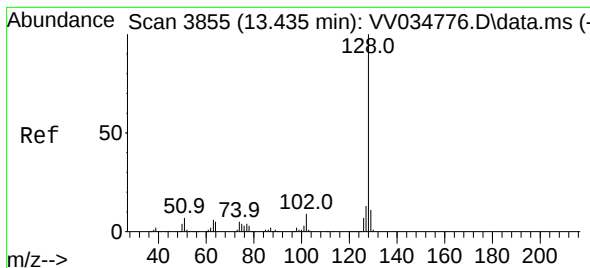
Ion Ratio Lower Upper

180 100

182 99.0 74.8 112.2

145 32.0 24.2 36.4





#71

Naphthalene

Concen: 2.985 ug/L

RT: 13.445 min Scan# 3855

Delta R.T. 0.010 min

Lab File: VV034796.D

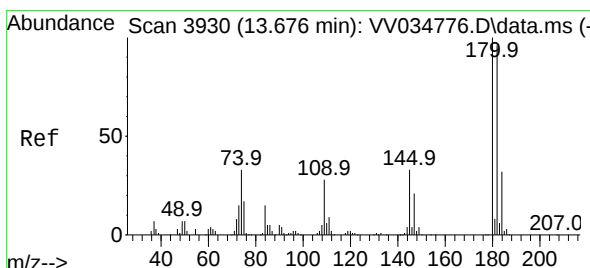
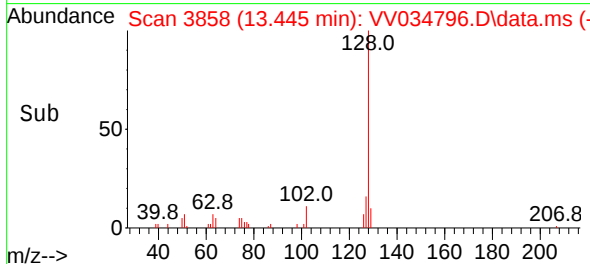
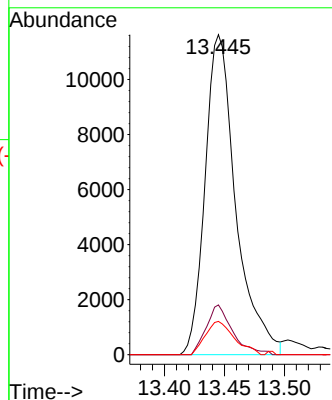
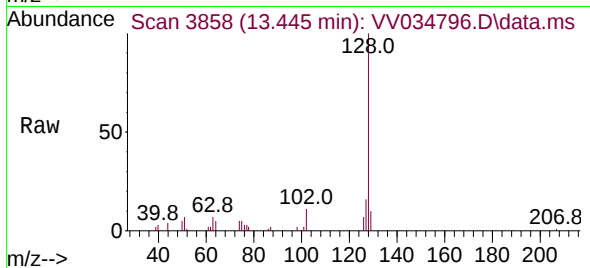
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Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	20762
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	9.8	8.7	13.1



#72

1,2,3-Trichlorobenzene

Concen: 1.729 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.007 min

Lab File: VV034796.D

Acq: 21 Mar 2024 18:21

Tgt Ion:	180	Resp:	4386
Ion Ratio	Lower	Upper	
180	100		
182	108.3	75.9	113.9
145	34.7	25.5	38.3

