

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019780.D
 Acq On : 03 Oct 2024 12:10
 Operator : SY/MD
 Sample : P4258-03RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 Chamberlain AveRE

Quant Time: Oct 04 04:20:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

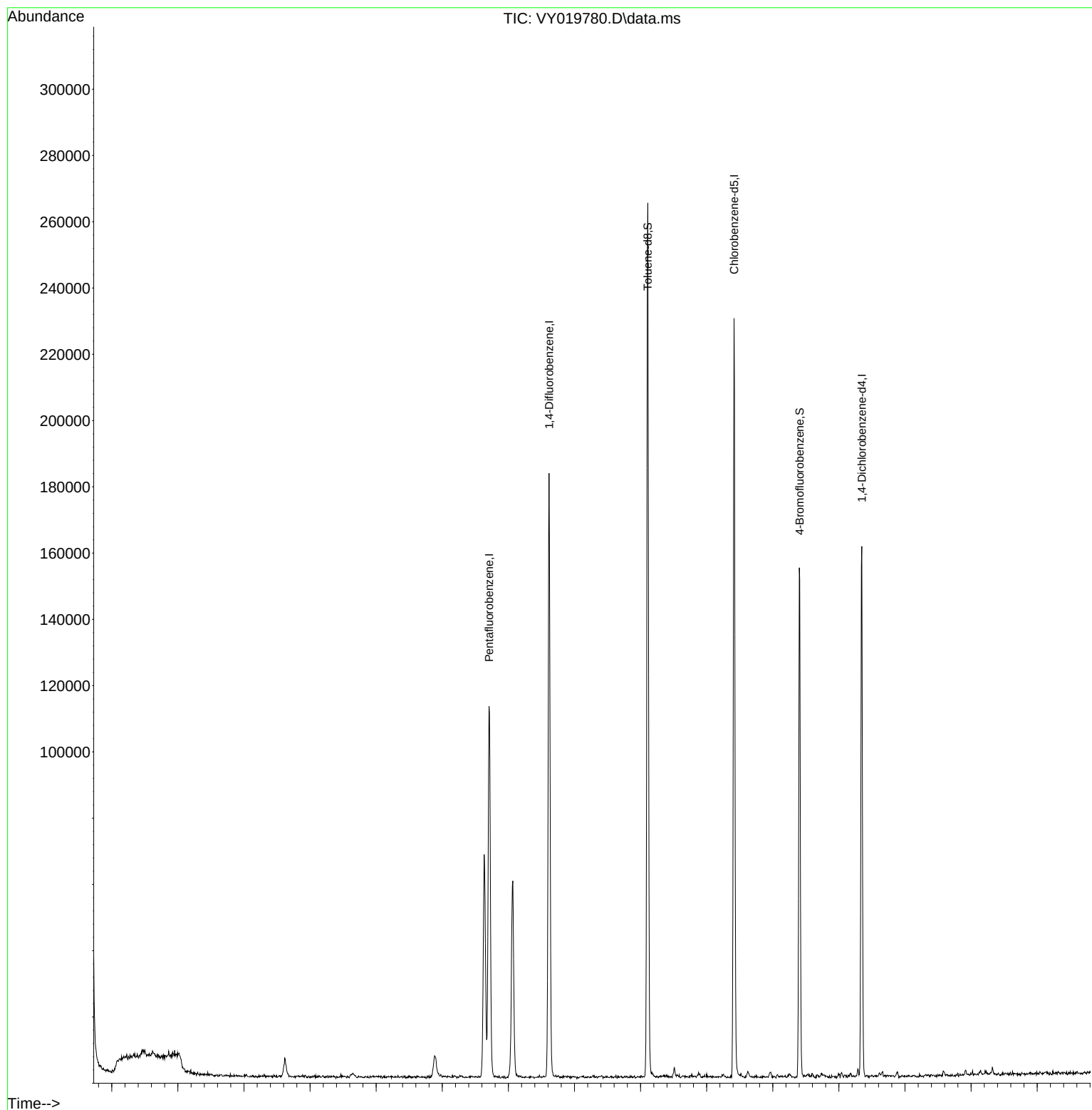
Internal Standards						
1) Pentafluorobenzene	7.707	168	82774	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	150343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	119106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	38457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	47695	62.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.460%
35) Dibromofluoromethane	7.634	113	48548	56.953	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.900%
50) Toluene-d8	10.109	98	170941	54.217	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.440%
62) 4-Bromofluorobenzene	12.408	95	49064	40.471	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	80.940%
Target Compounds						
95) Naphthalene	15.145	128	1413	1.081	ug/l	# Qvalue 83

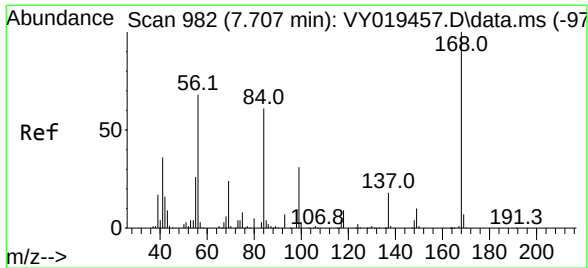
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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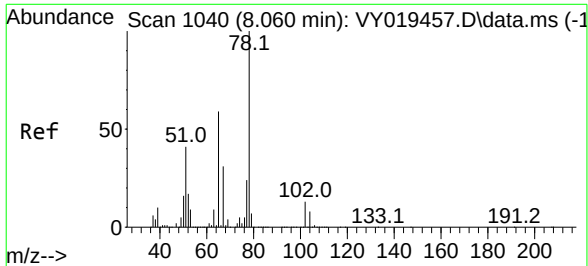
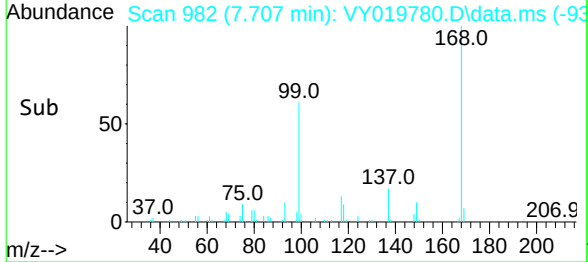
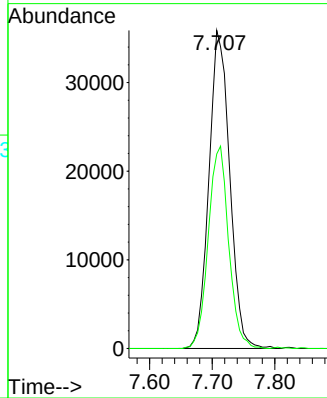
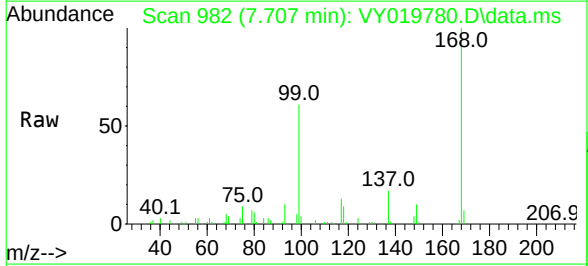




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019780.D
Acq: 03 Oct 2024 12:10

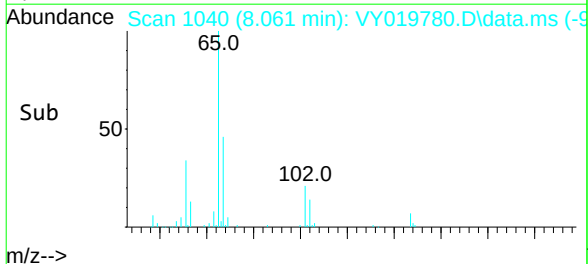
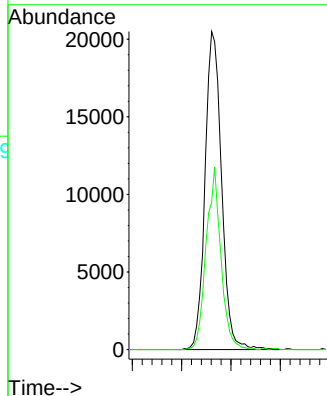
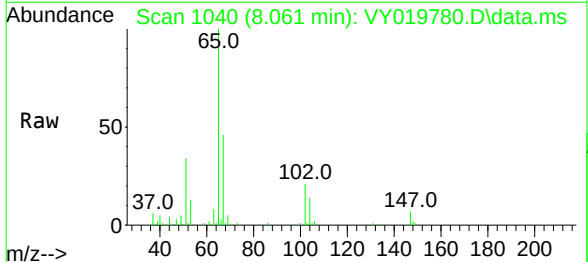
Instrument :
MSVOA_Y
ClientSampleId :
Chamberlain AveRE

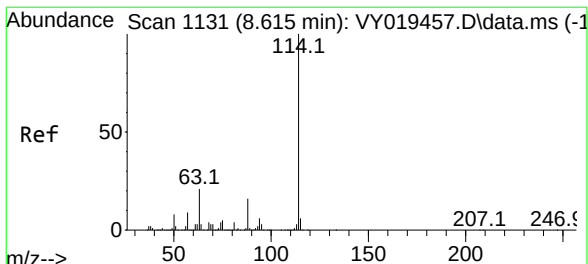
Tgt Ion:168 Resp: 82774
Ion Ratio Lower Upper
168 100
99 61.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 62.227 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019780.D
Acq: 03 Oct 2024 12:10

Tgt Ion: 65 Resp: 47695
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.6

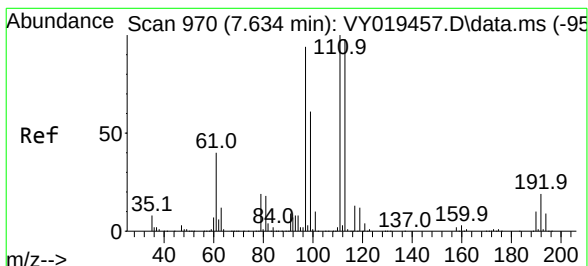
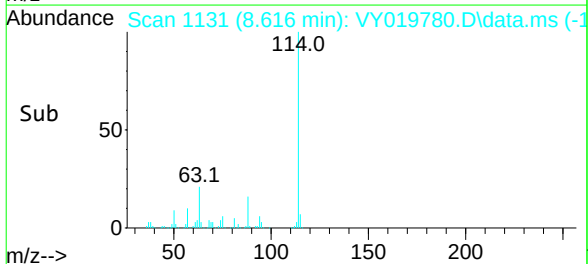
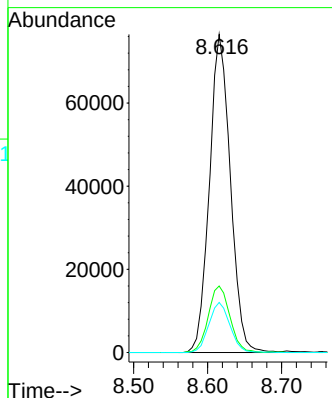
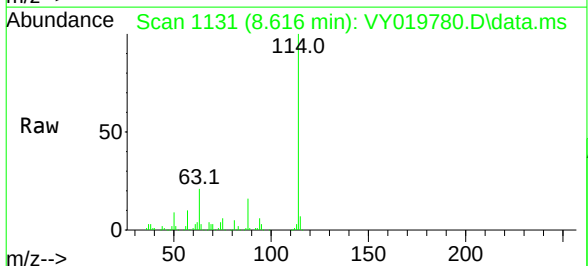




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019780.D
Acq: 03 Oct 2024 12:10

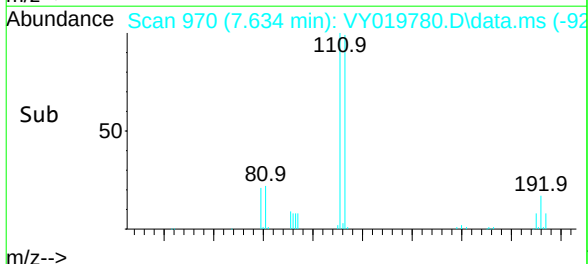
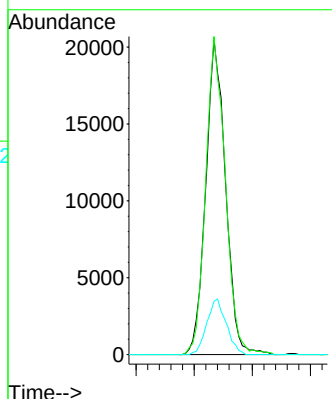
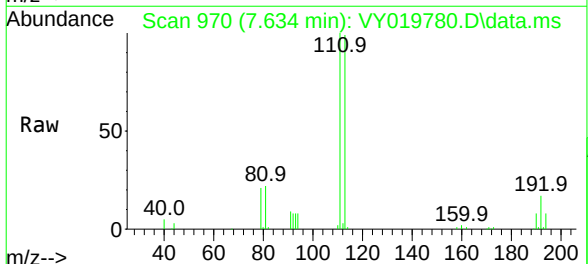
Instrument :
MSVOA_Y
ClientSampleId :
Chamberlain AveRE

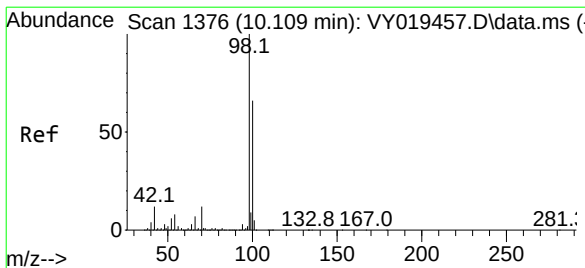
Tgt Ion:	114	Resp:	150343
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	35.0
88	15.7	0.0	27.2



#35
Dibromofluoromethane
Concen: 56.953 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019780.D
Acq: 03 Oct 2024 12:10

Tgt Ion:	113	Resp:	48548
Ion	Ratio	Lower	Upper
113	100		
111	100.1	82.2	123.4
192	17.3	15.9	23.9





#50

Toluene-d8

Concen: 54.217 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019780.D

Acq: 03 Oct 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

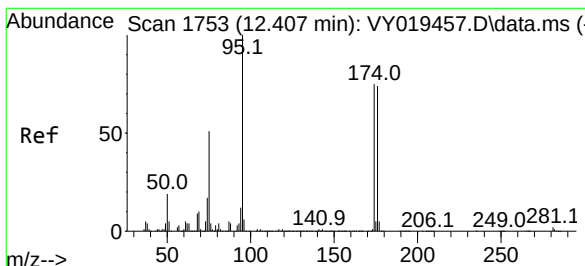
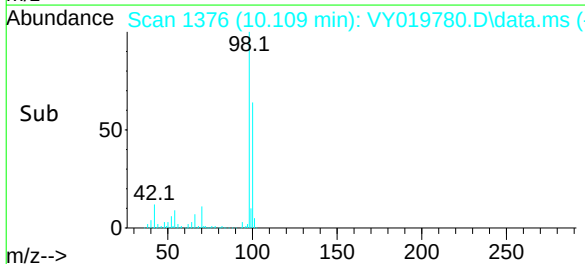
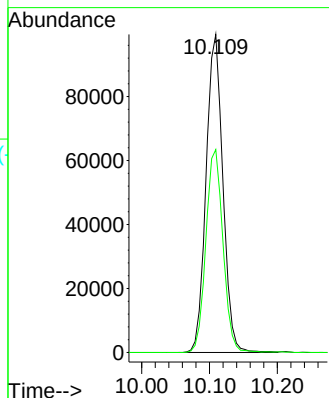
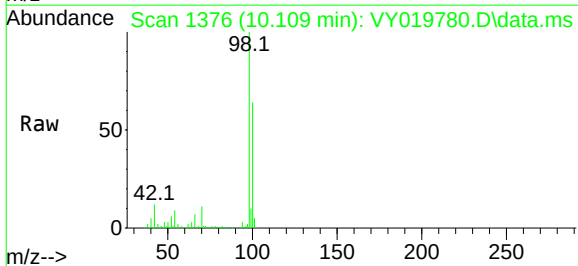
Chamberlain AveRE

Tgt Ion: 98 Resp: 170941

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 40.471 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019780.D

Acq: 03 Oct 2024 12:10

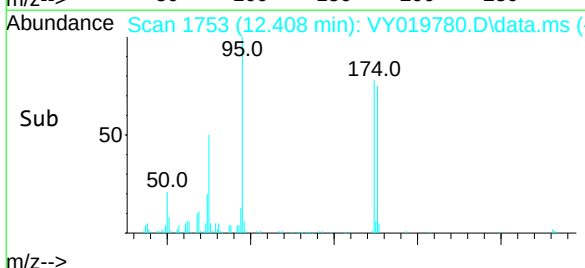
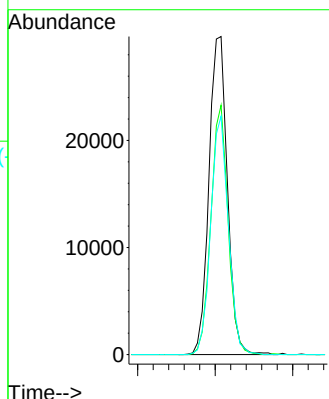
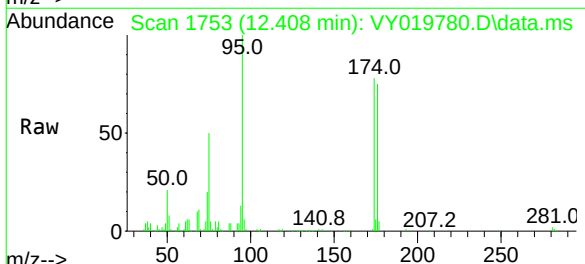
Tgt Ion: 95 Resp: 49064

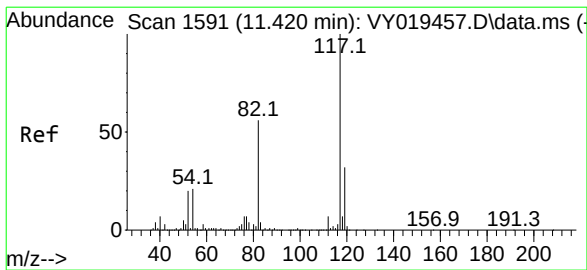
Ion Ratio Lower Upper

95 100

174 73.0 0.0 175.6

176 71.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY019780.D

Acq: 03 Oct 2024 12:10

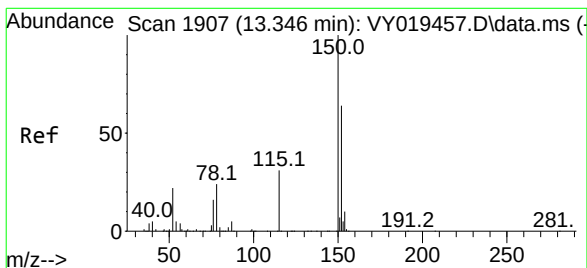
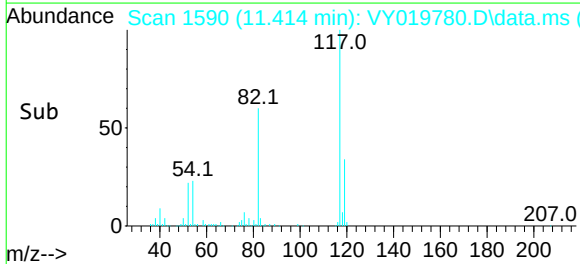
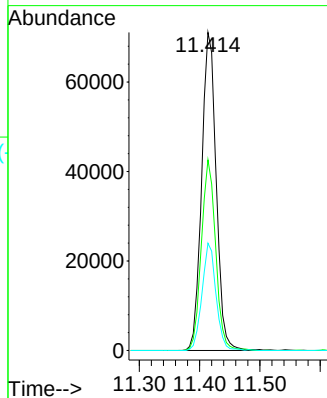
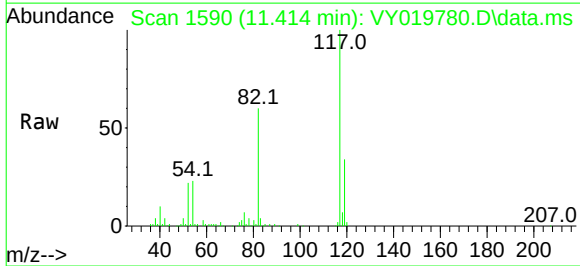
Instrument :

MSVOA_Y

ClientSampleId :

Chamberlain AveRE

Tgt Ion:117	Resp:	119106
Ion	Ratio	Lower Upper
117	100	
82	59.9	42.4 63.6
119	33.7	25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

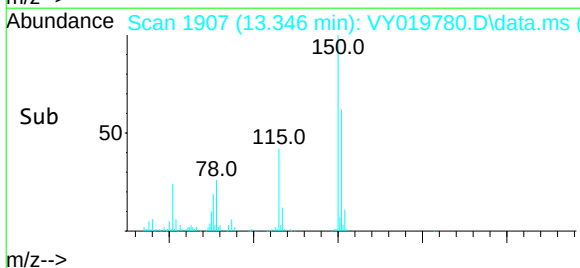
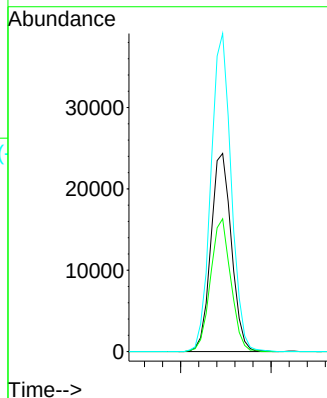
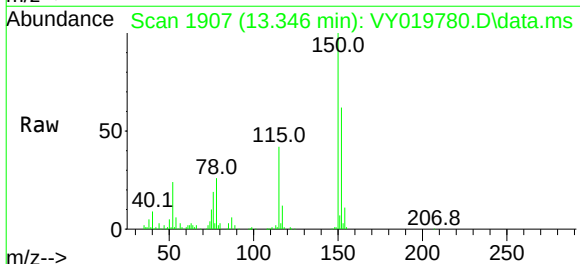
RT: 13.346 min Scan# 1907

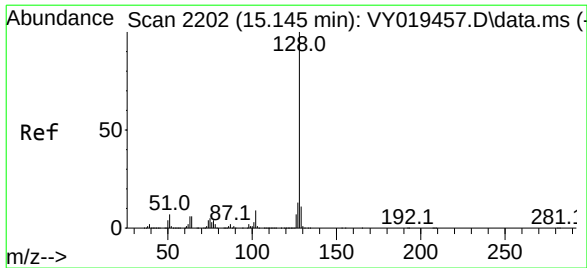
Delta R.T. 0.000 min

Lab File: VY019780.D

Acq: 03 Oct 2024 12:10

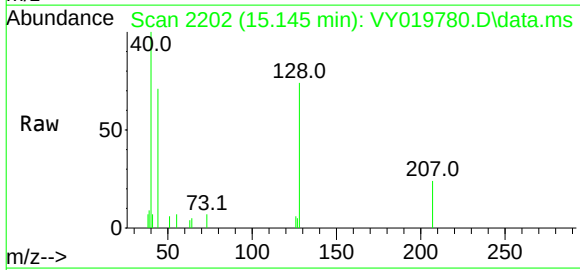
Tgt Ion:152	Resp:	38457
Ion	Ratio	Lower Upper
152	100	
115	66.0	28.2 84.7
150	158.4	0.0 345.6





#95
Naphthalene
Concen: 1.081 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY019780.D
Acq: 03 Oct 2024 12:10

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MSVOA_Y
ClientSampleId :
Chamberlain AveRE



Tgt Ion:	128	Resp:	1413
Ion	Ratio	Lower	Upper
128	100		
127	10.1	10.6	16.0#
129	0.0	8.6	13.0#

