

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
 Data File : VY019768.D
 Acq On : 02 Oct 2024 16:33
 Operator : SY/MD
 Sample : P4255-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-100124

Quant Time: Oct 03 02:04:46 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	7.713	168	270607	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	530815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	463024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	165800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	155642	62.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.220%	
35) Dibromofluoromethane	7.634	113	166328	55.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.540%	
50) Toluene-d8	10.103	98	625794	56.216	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.440%	
62) 4-Bromofluorobenzene	12.401	95	195827	45.751	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 91.500%	

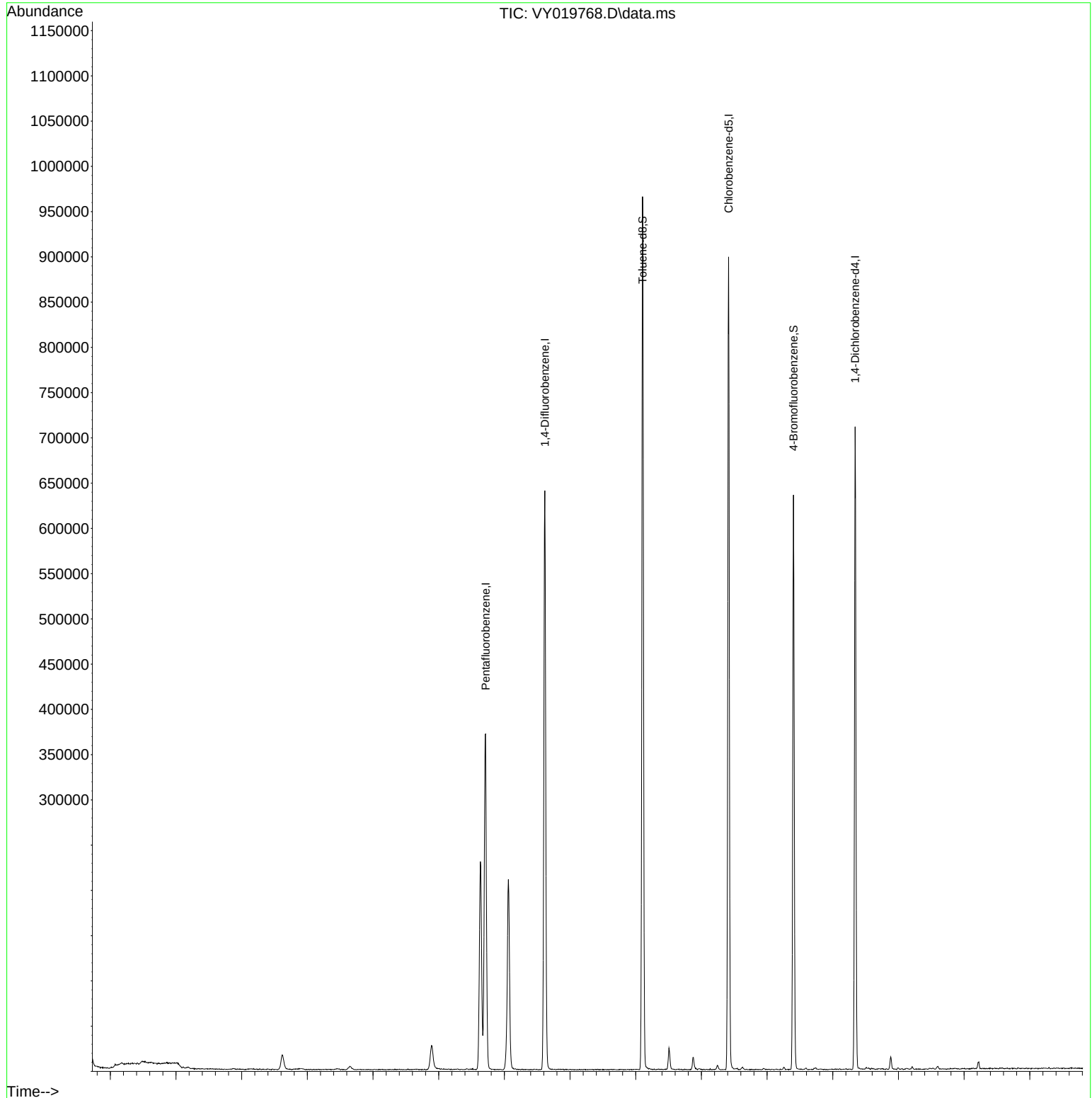
Target Compounds Qvalue

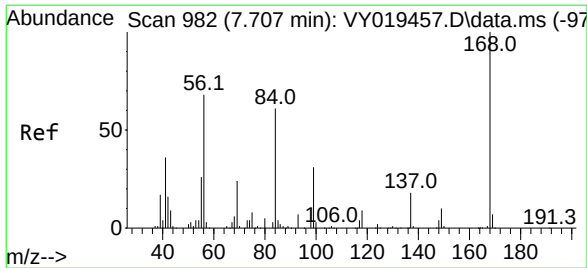
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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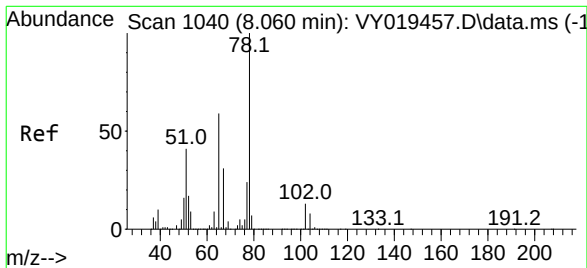
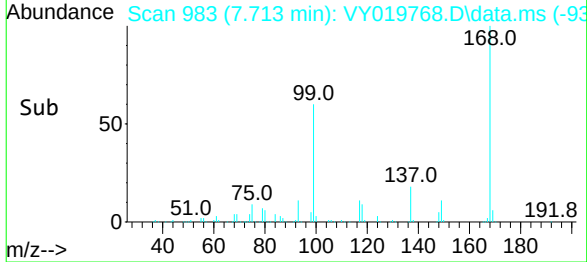
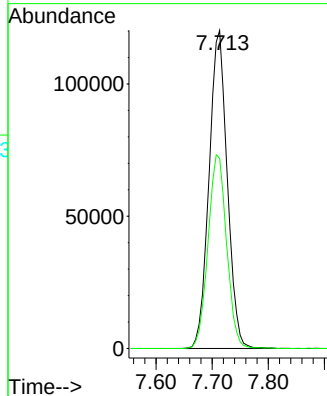
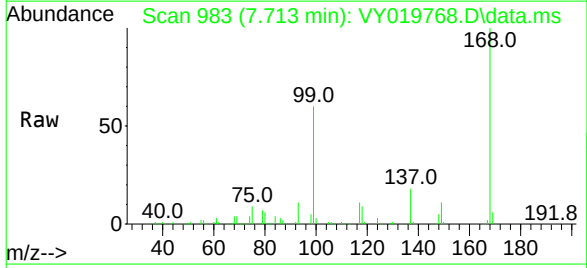




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY019768.D
Acq: 02 Oct 2024 16:33

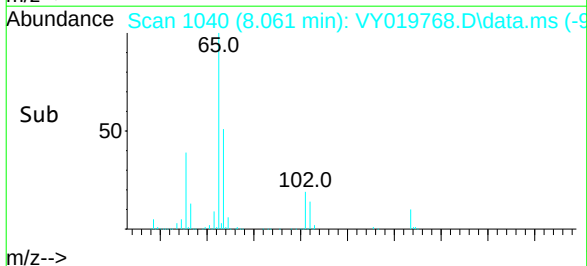
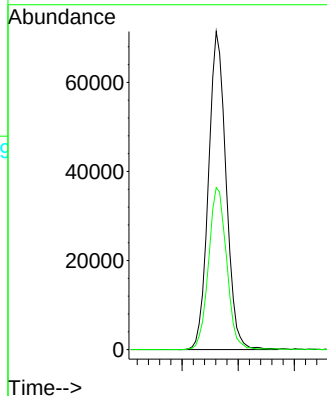
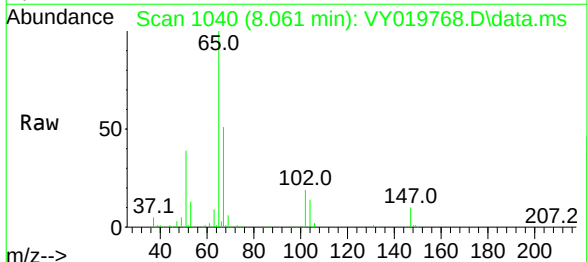
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-100124

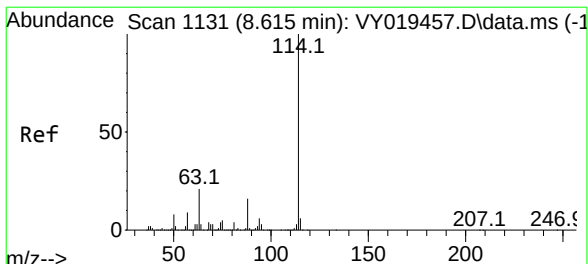
Tgt Ion:168 Resp: 270607
Ion Ratio Lower Upper
168 100
99 59.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 62.114 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019768.D
Acq: 02 Oct 2024 16:33

Tgt Ion: 65 Resp: 155642
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6

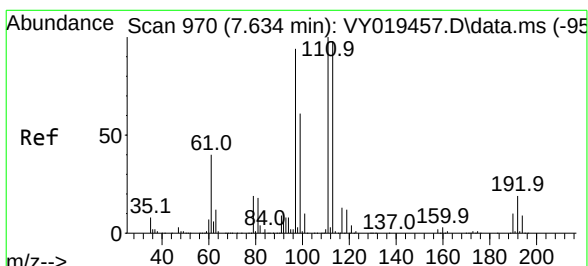
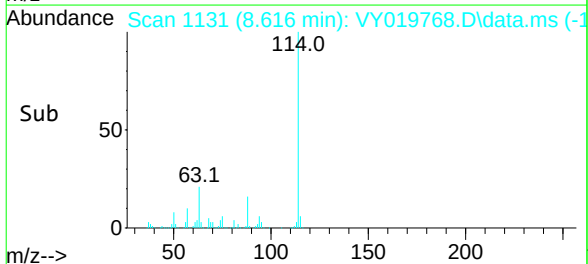
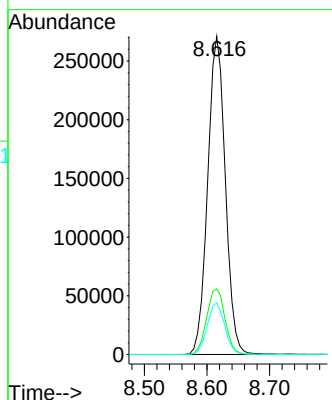
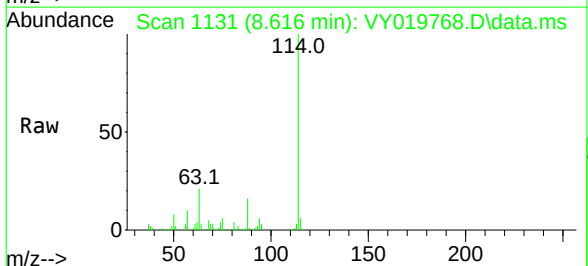




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY019768.D
 Acq: 02 Oct 2024 16:33

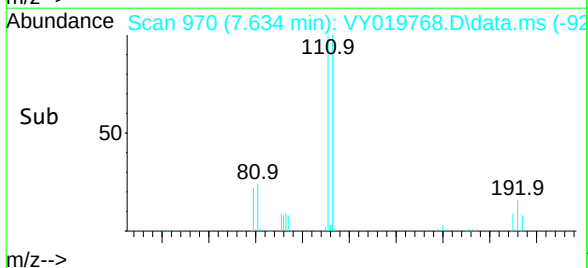
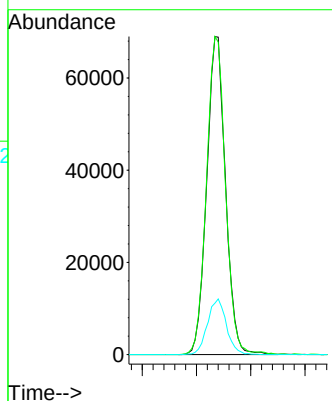
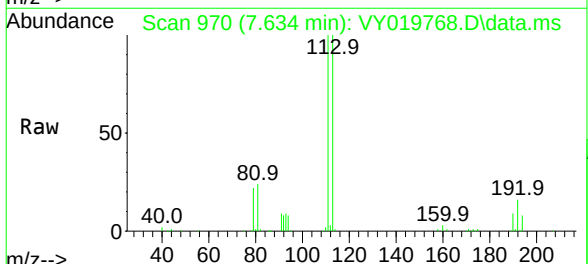
Instrument :
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 ClientSampleId :
 OR-03-100124

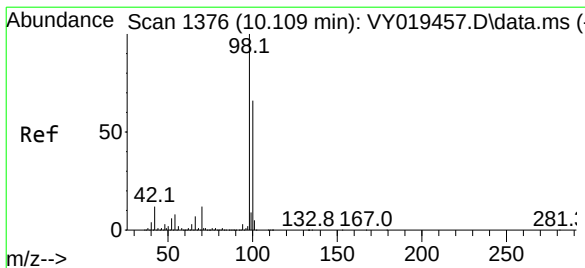
Tgt Ion:	114	Resp:	530815
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	35.0
88	16.2	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 55.265 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY019768.D
 Acq: 02 Oct 2024 16:33

Tgt Ion:	113	Resp:	166328
Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.2	123.4
192	17.6	15.9	23.9





#50

Toluene-d8

Concen: 56.216 ug/l

RT: 10.103 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY019768.D

Acq: 02 Oct 2024 16:33

Instrument :

MSVOA_Y

ClientSampleId :

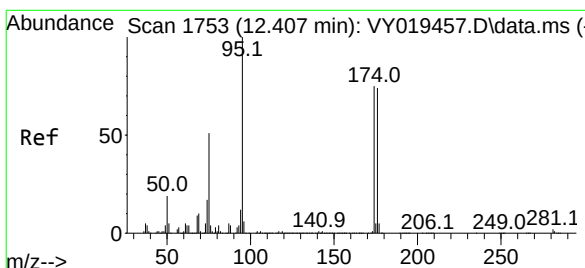
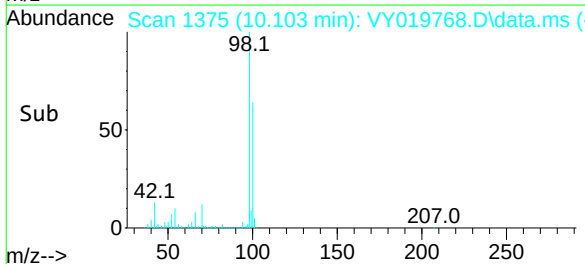
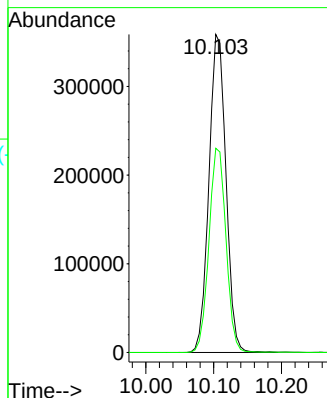
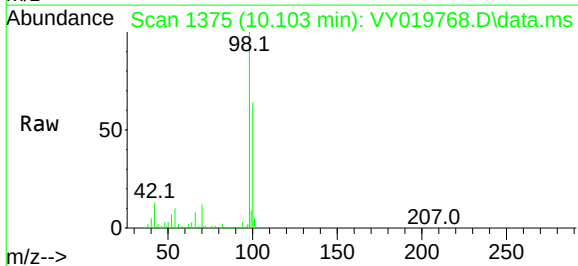
OR-03-100124

Tgt Ion: 98 Resp: 625794

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.751 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019768.D

Acq: 02 Oct 2024 16:33

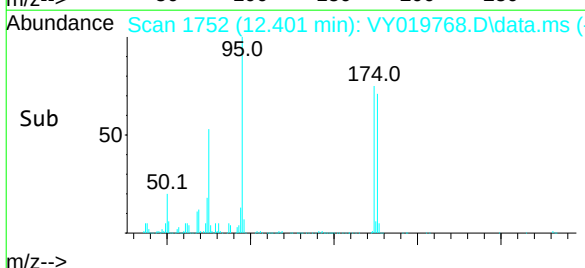
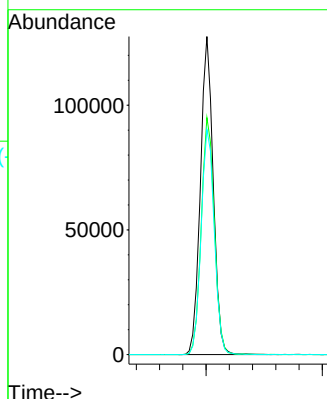
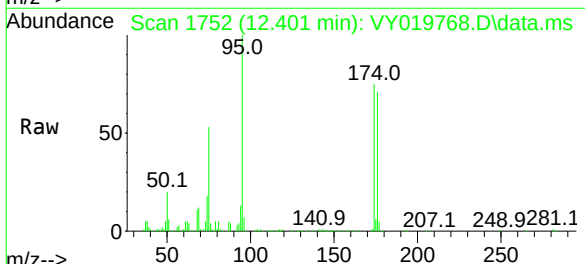
Tgt Ion: 95 Resp: 195827

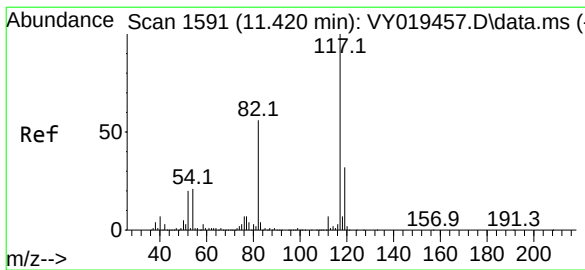
Ion Ratio Lower Upper

95 100

174 75.6 0.0 175.6

176 72.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY019768.D

Acq: 02 Oct 2024 16:33

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-100124

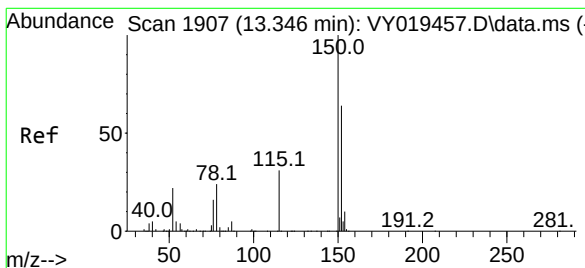
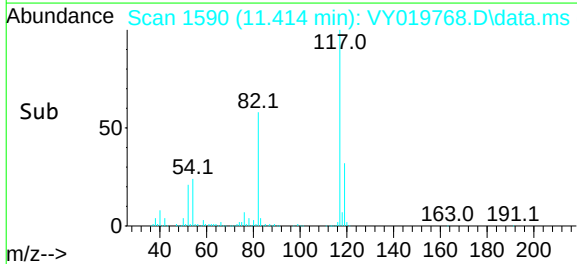
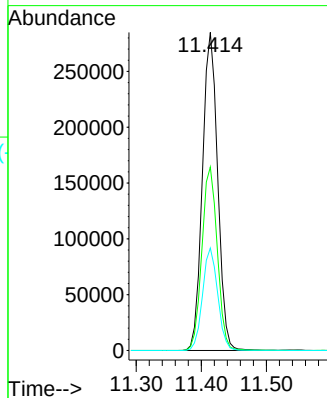
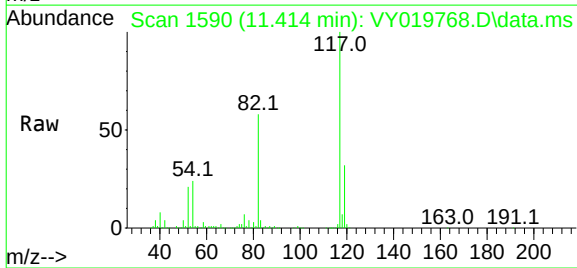
Tgt Ion:117 Resp: 463024

Ion Ratio Lower Upper

117 100

82 57.7 42.4 63.6

119 32.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY019768.D

Acq: 02 Oct 2024 16:33

Tgt Ion:152 Resp: 165800

Ion Ratio Lower Upper

152 100

115 63.0 28.2 84.7

150 157.0 0.0 345.6

