

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019533.D
 Acq On : 13 Sep 2024 11:00
 Operator : SY/MD
 Sample : VY0913SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0913SBL01

Quant Time: Sep 13 23:29:28 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	450626	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	787672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	653838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	294157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	235357	56.404	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.800%	
35) Dibromofluoromethane	7.634	113	235965	52.836	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.680%	
50) Toluene-d8	10.109	98	871899	52.783	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.560%	
62) 4-Bromofluorobenzene	12.407	95	303161	47.731	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.460%	

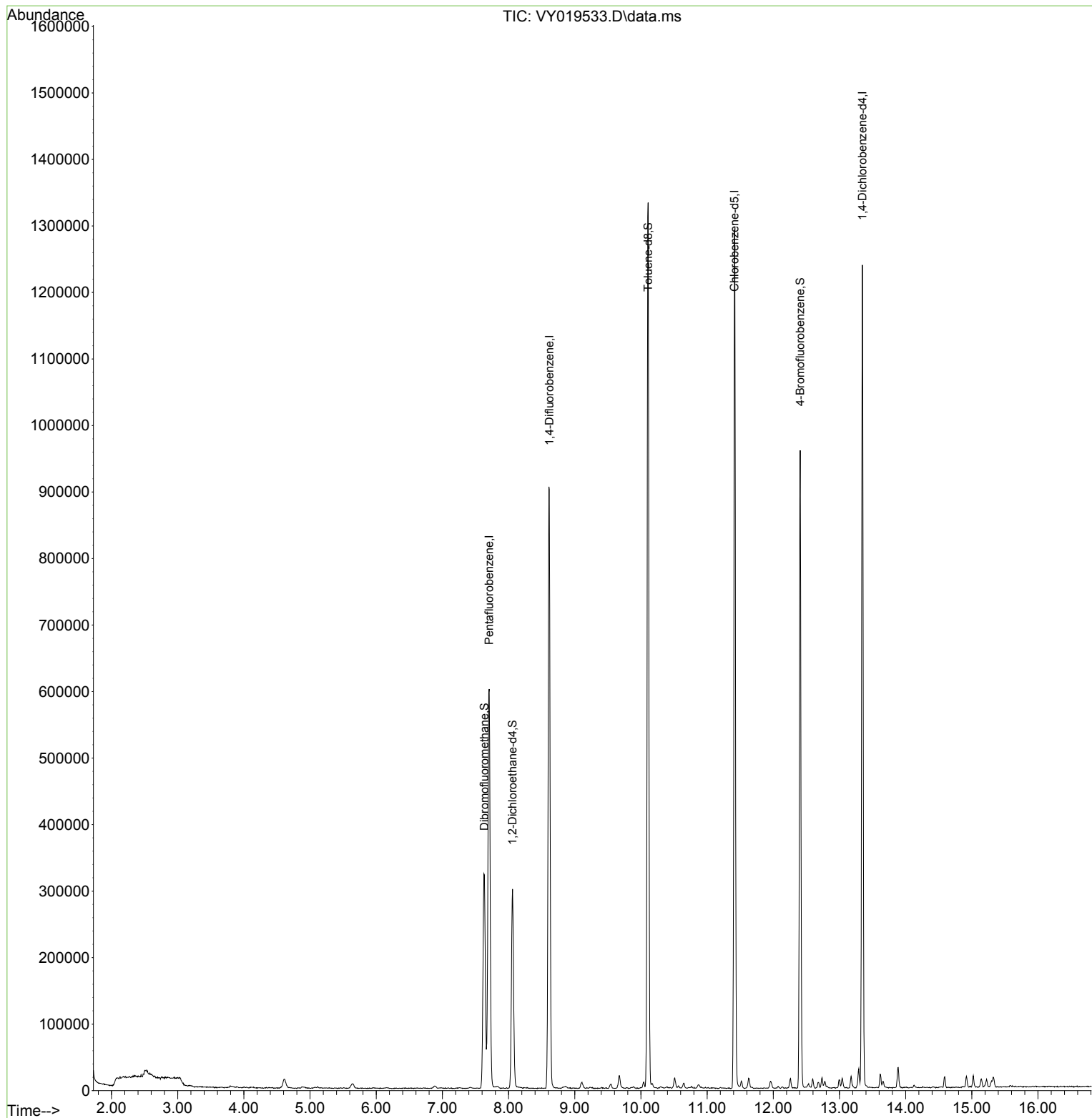
Target Compounds	Qvalue

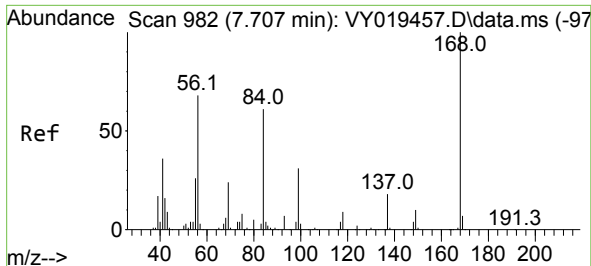
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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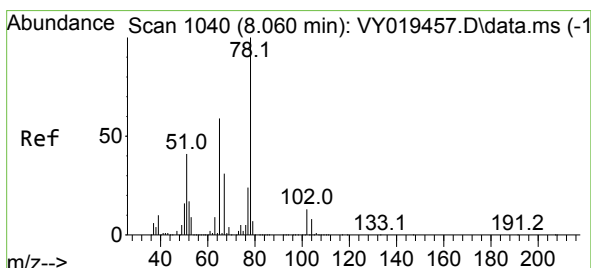
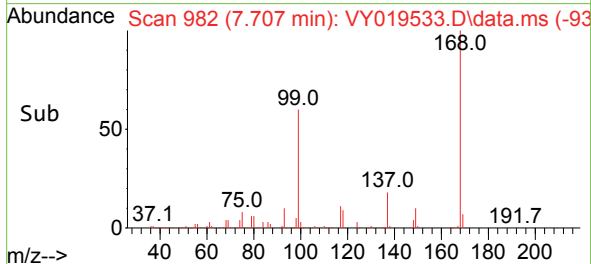
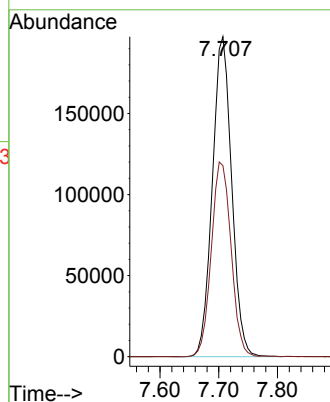
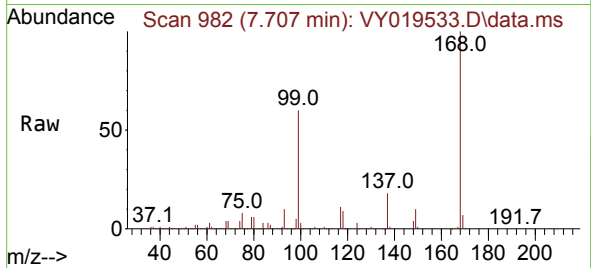




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019533.D
Acq: 13 Sep 2024 11:00

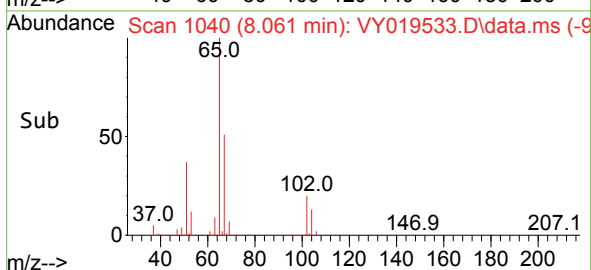
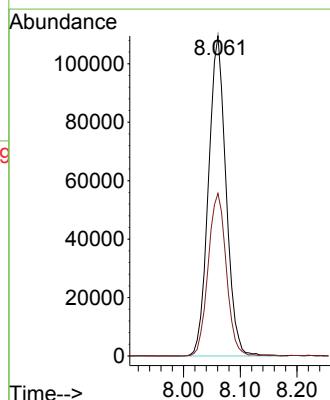
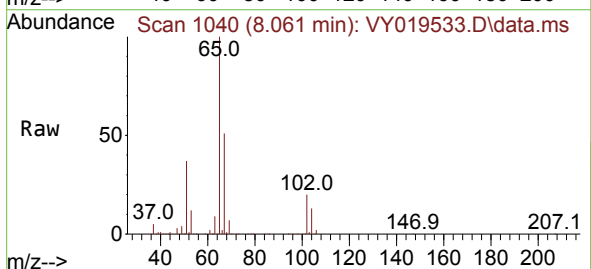
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBL01

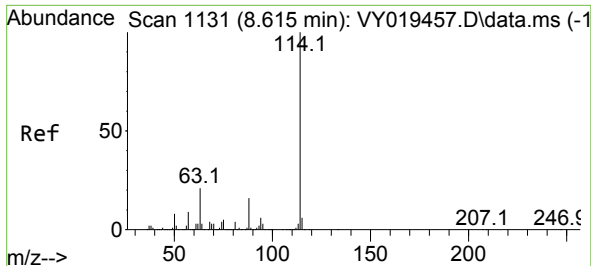
Tgt Ion:168 Resp: 450626
Ion Ratio Lower Upper
168 100
99 59.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 56.404 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019533.D
Acq: 13 Sep 2024 11:00

Tgt Ion: 65 Resp: 235357
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6

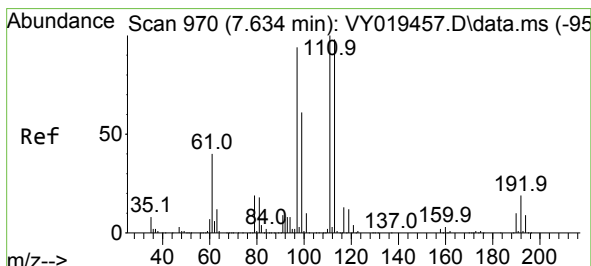
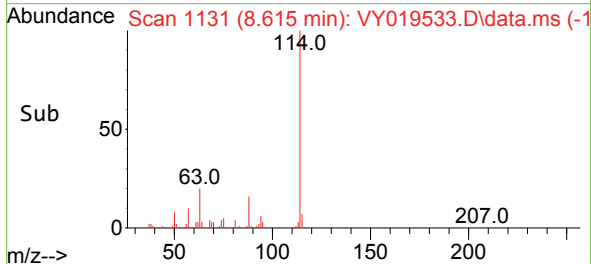
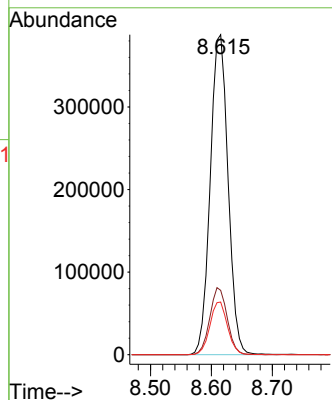
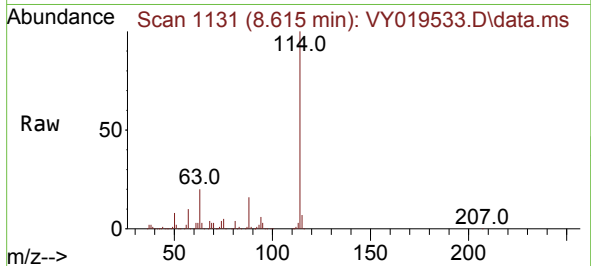




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019533.D
Acq: 13 Sep 2024 11:00

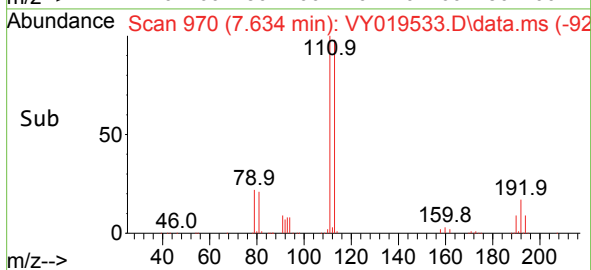
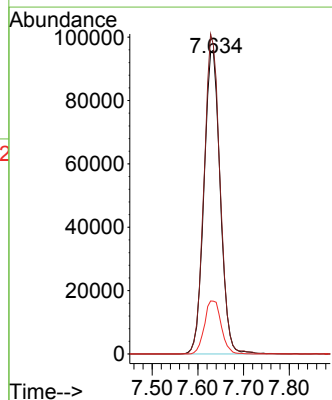
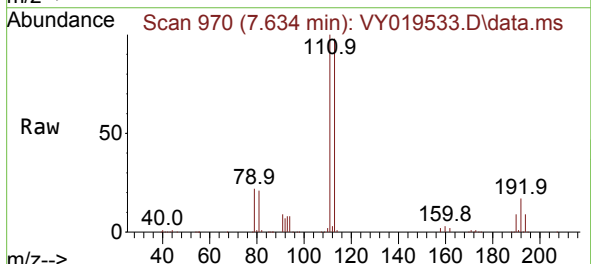
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBL01

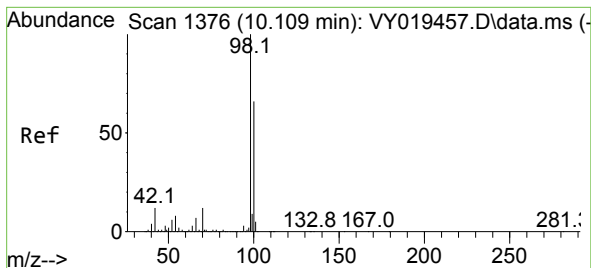
Tgt Ion:114 Resp: 787672
Ion Ratio Lower Upper
114 100
63 20.1 0.0 35.0
88 16.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.836 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019533.D
Acq: 13 Sep 2024 11:00

Tgt Ion:113 Resp: 235965
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 18.0 15.9 23.9





#50

Toluene-d8

Concen: 52.783 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019533.D

Acq: 13 Sep 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

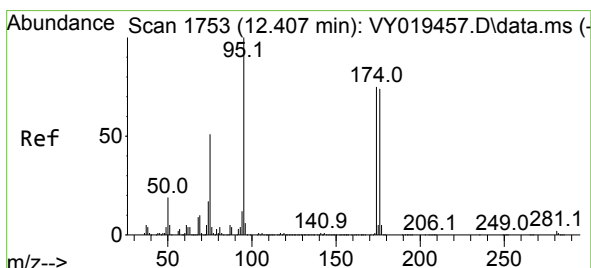
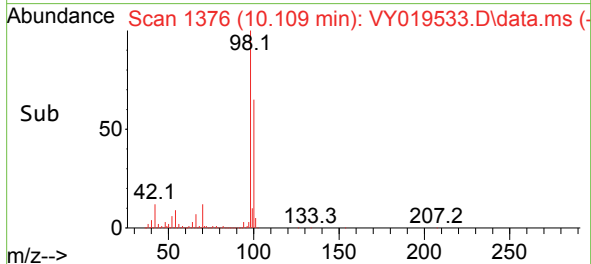
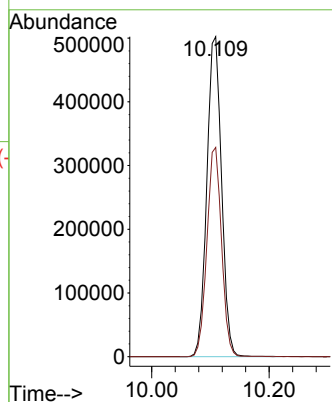
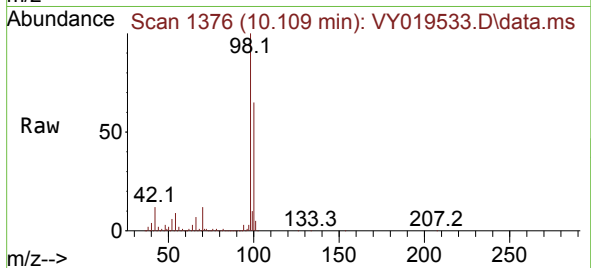
VY0913SBL01

Tgt Ion: 98 Resp: 871899

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.731 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019533.D

Acq: 13 Sep 2024 11:00

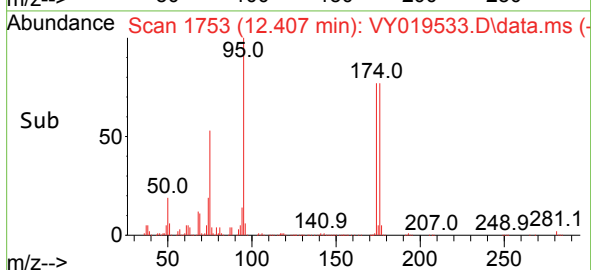
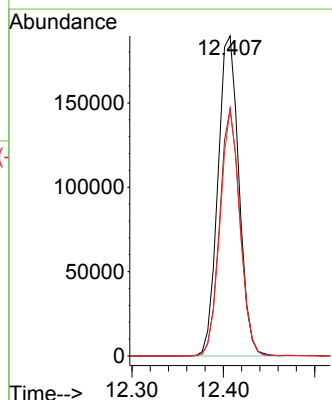
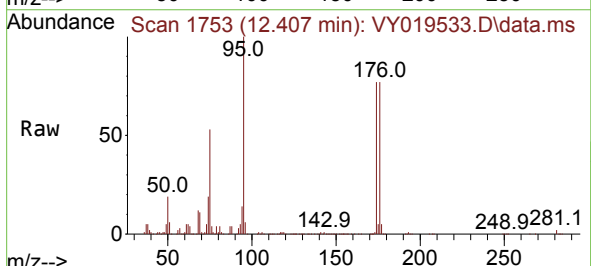
Tgt Ion: 95 Resp: 303161

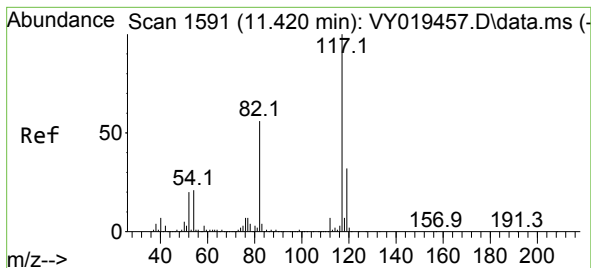
Ion Ratio Lower Upper

95 100

174 74.9 0.0 175.6

176 72.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019533.D

Acq: 13 Sep 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0913SBL01

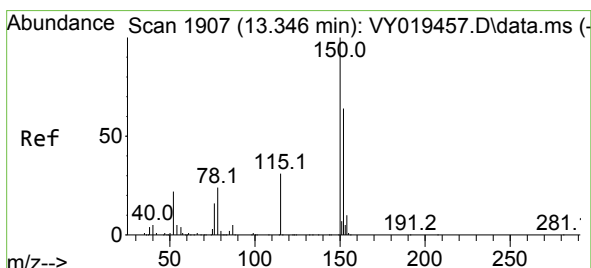
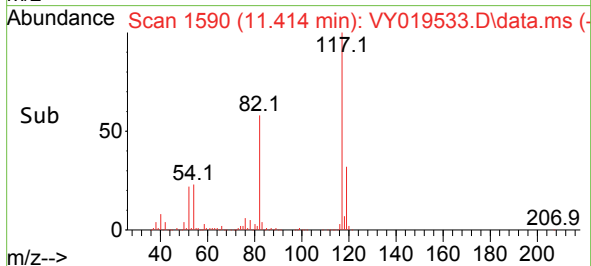
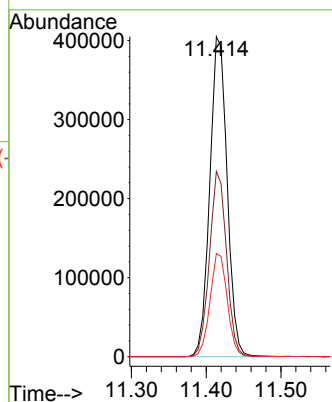
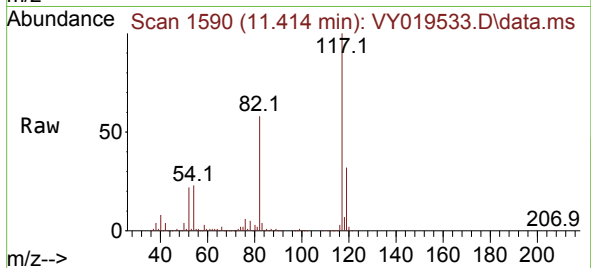
Tgt Ion:117 Resp: 653838

Ion Ratio Lower Upper

117 100

82 57.9 42.4 63.6

119 32.2 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: VY019533.D

Acq: 13 Sep 2024 11:00

Tgt Ion:152 Resp: 294157

Ion Ratio Lower Upper

152 100

115 61.1 28.2 84.7

150 157.4 0.0 345.6

