

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019645.D
 Acq On : 20 Sep 2024 14:59
 Operator : SY/MD
 Sample : P4097-01RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT2299RE

Quant Time: Sep 20 23:50:17 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	70579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	113010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	78174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	23630	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	27870	42.644	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.280%
35) Dibromofluoromethane	7.628	113	30542	47.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.340%
50) Toluene-d8	10.103	98	123797	52.236	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.480%
62) 4-Bromofluorobenzene	12.401	95	29856	32.763	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	65.520%

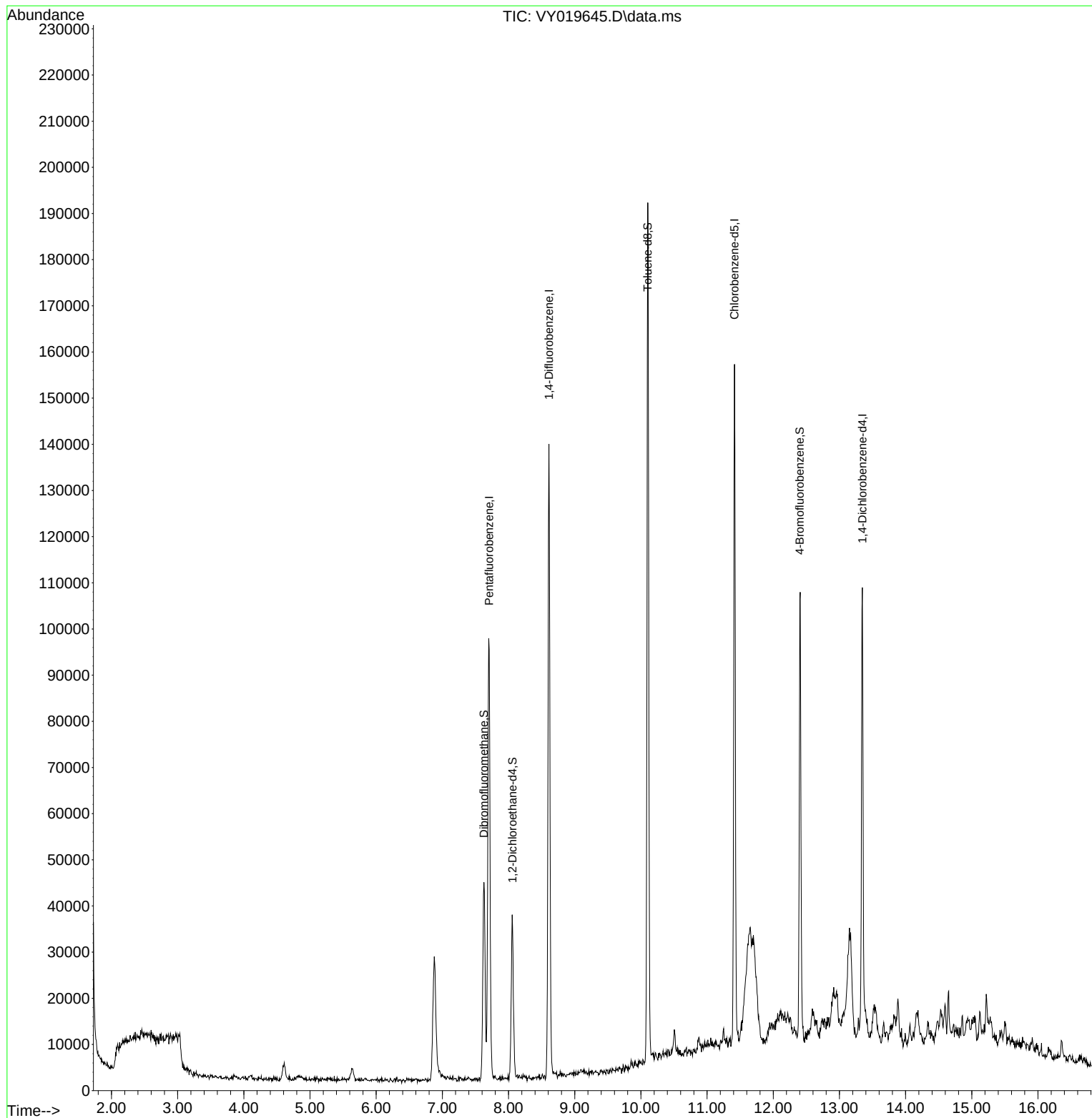
Target Compounds	Qvalue

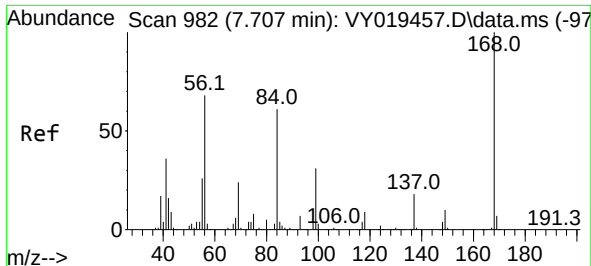
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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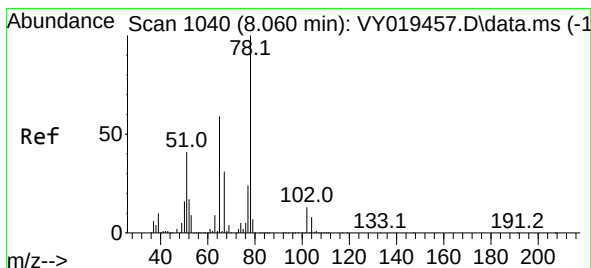
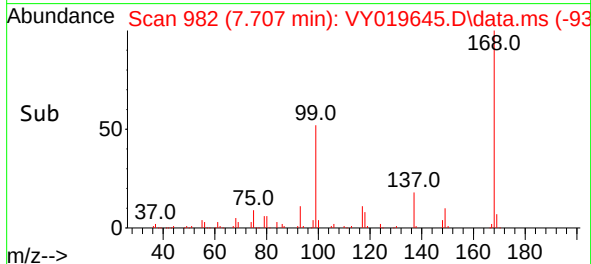
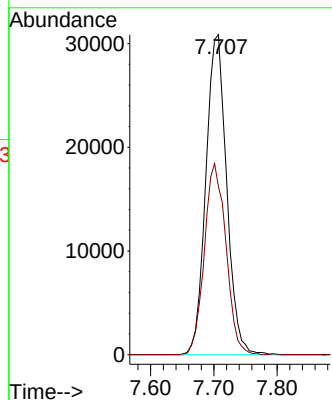
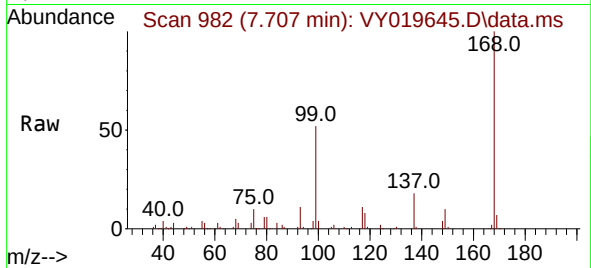




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019645.D
Acq: 20 Sep 2024 14:59

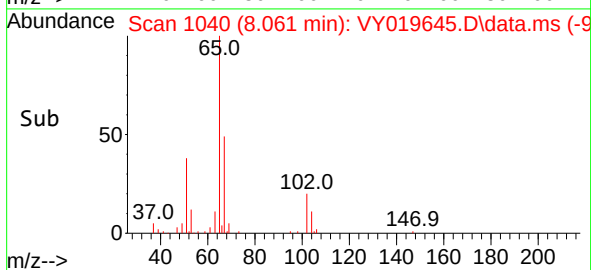
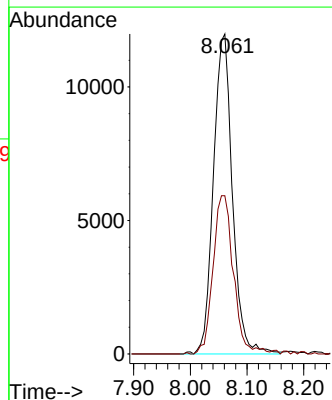
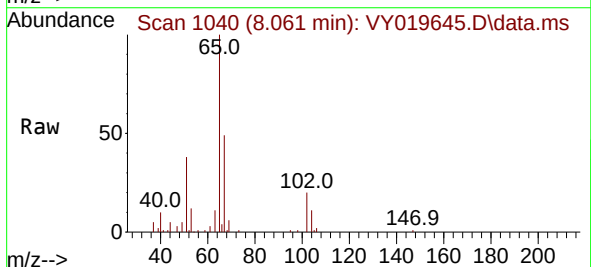
Instrument :
MSVOA_Y
ClientSampleId :
RT2299RE

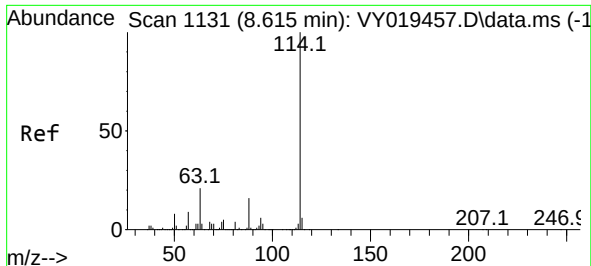
Tgt Ion:168 Resp: 70579
Ion Ratio Lower Upper
168 100
99 52.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 42.644 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019645.D
Acq: 20 Sep 2024 14:59

Tgt Ion: 65 Resp: 27870
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019645.D

Acq: 20 Sep 2024 14:59

Instrument :

MSVOA_Y

ClientSampleId :

RT2299RE

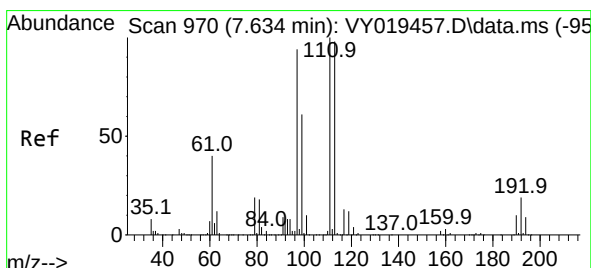
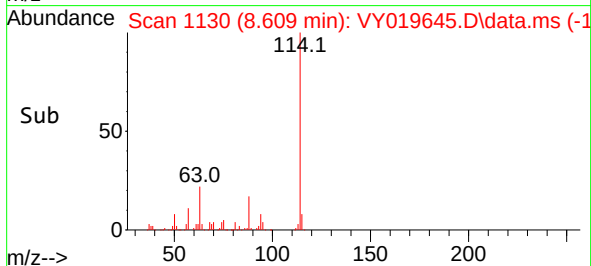
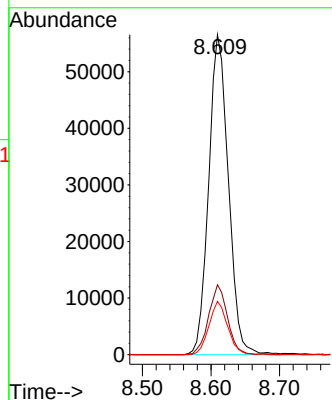
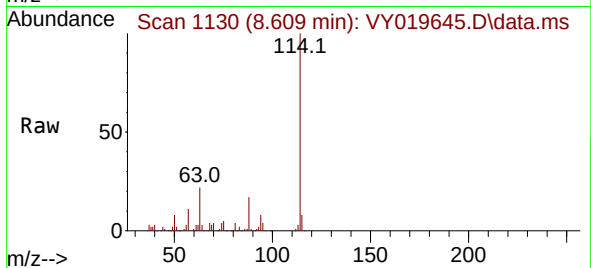
Tgt Ion:114 Resp: 113010

Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.0

88 16.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.666 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019645.D

Acq: 20 Sep 2024 14:59

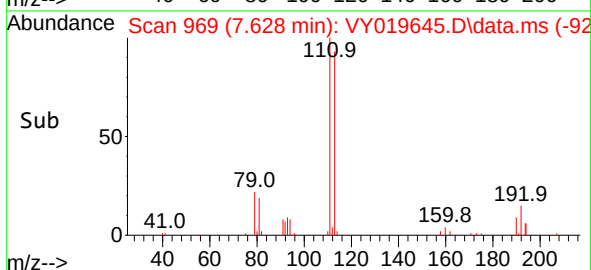
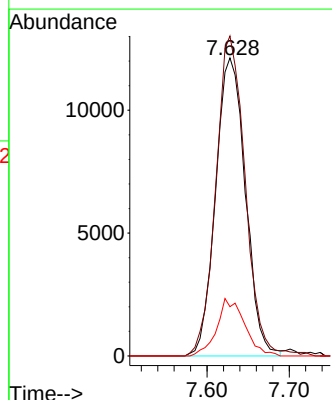
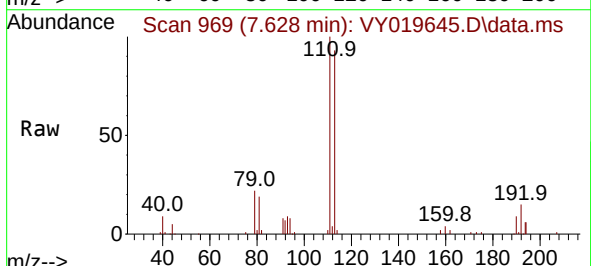
Tgt Ion:113 Resp: 30542

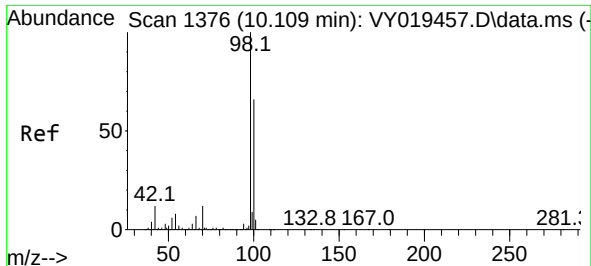
Ion Ratio Lower Upper

113 100

111 105.8 82.2 123.4

192 18.0 15.9 23.9

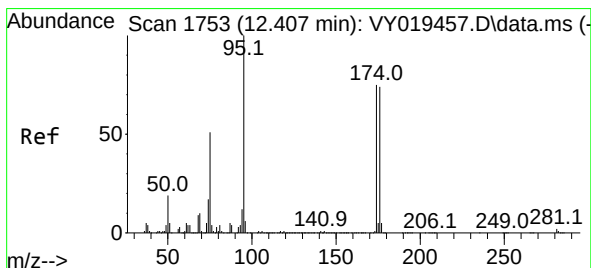
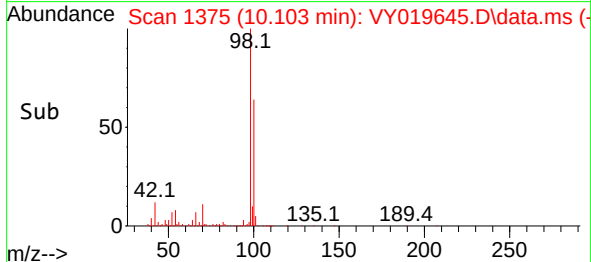
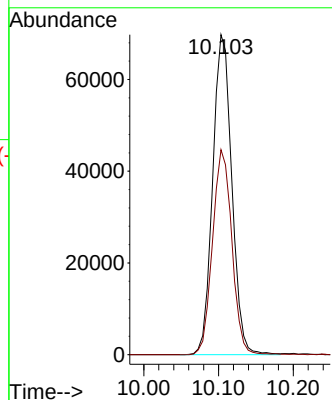
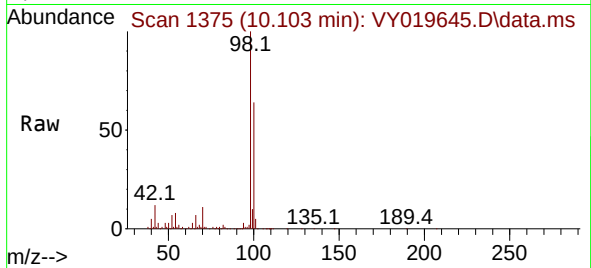




#50
Toluene-d8
Concen: 52.236 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019645.D
Acq: 20 Sep 2024 14:59

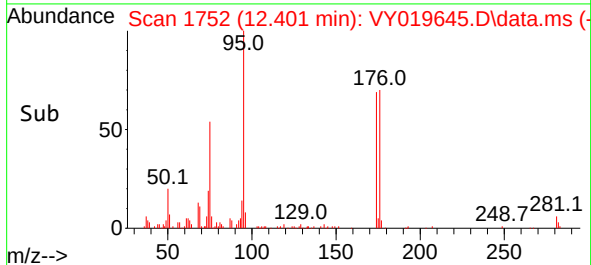
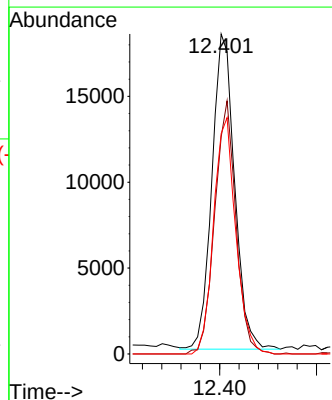
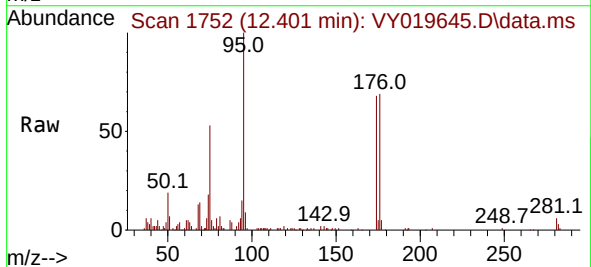
Instrument :
MSVOA_Y
ClientSampleId :
RT2299RE

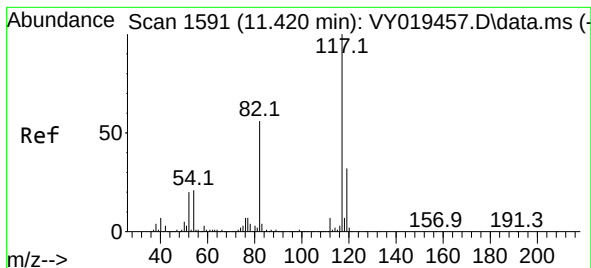
Tgt Ion: 98 Resp: 123797
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 32.763 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019645.D
Acq: 20 Sep 2024 14:59

Tgt Ion: 95 Resp: 29856
Ion Ratio Lower Upper
95 100
174 75.0 0.0 175.6
176 73.2 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: VY019645.D

Acq: 20 Sep 2024 14:59

Instrument :

MSVOA_Y

ClientSampleId :

RT2299RE

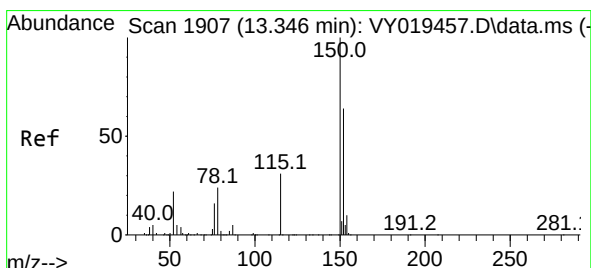
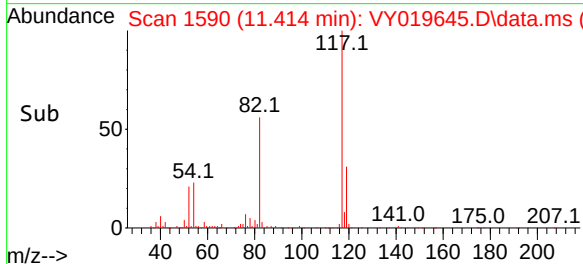
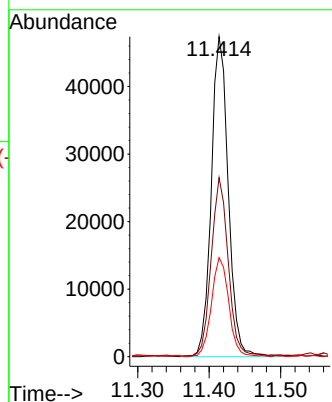
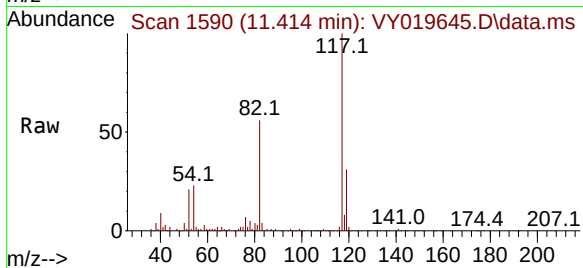
Tgt Ion:117 Resp: 78174

Ion Ratio Lower Upper

117 100

82 55.8 42.4 63.6

119 30.7 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: VY019645.D

Acq: 20 Sep 2024 14:59

Tgt Ion:152 Resp: 23630

Ion Ratio Lower Upper

152 100

115 59.9 28.2 84.7

150 153.9 0.0 345.6

