

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092524\
 Data File : VY019698.D
 Acq On : 25 Sep 2024 16:24
 Operator : SY/MD
 Sample : P4168-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-09242024

Quant Time: Sep 26 05:57:51 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	105805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	161515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	111955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	33342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	39496	40.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.620%
35) Dibromofluoromethane	7.628	113	44943	49.077	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.160%
50) Toluene-d8	10.109	98	176790	52.194	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.380%
62) 4-Bromofluorobenzene	12.407	95	41491	31.857	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	63.720%

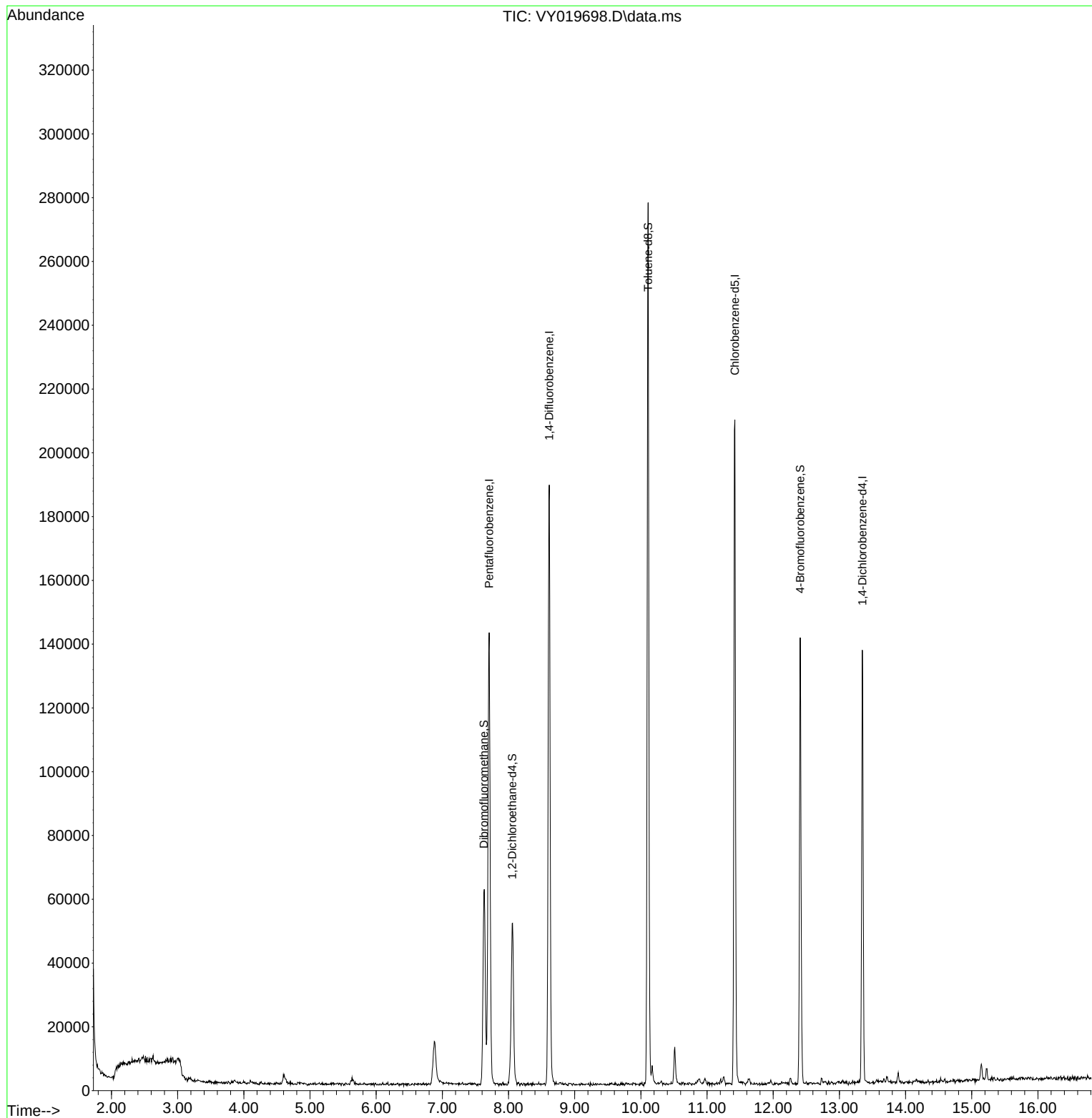
Target Compounds	Qvalue

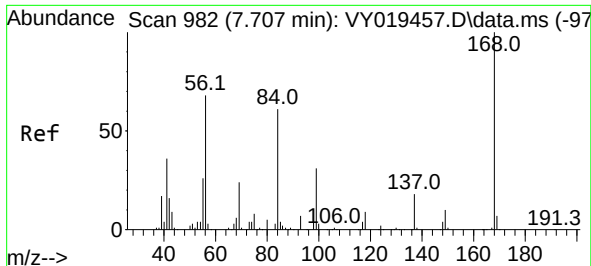
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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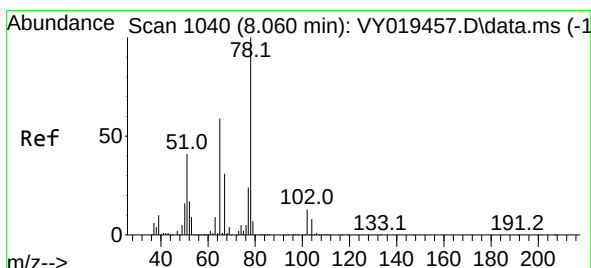
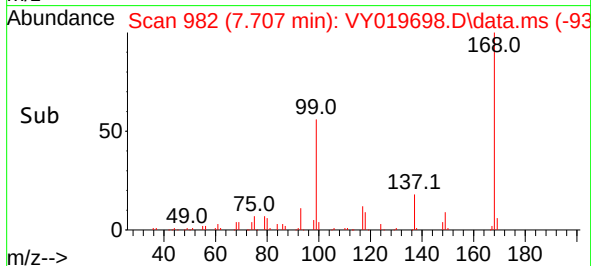
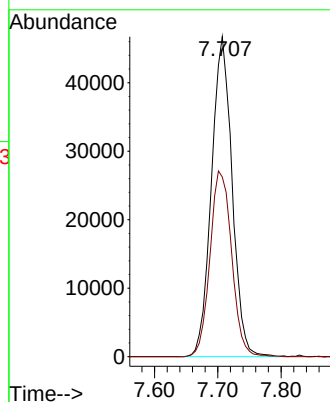
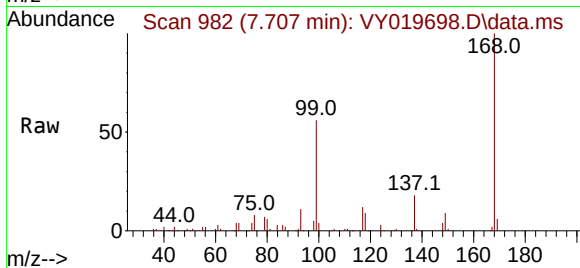




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019698.D
Acq: 25 Sep 2024 16:24

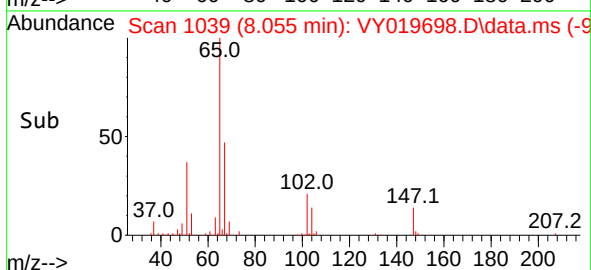
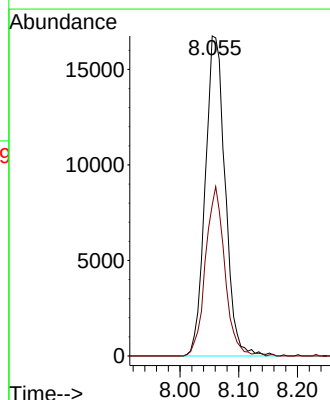
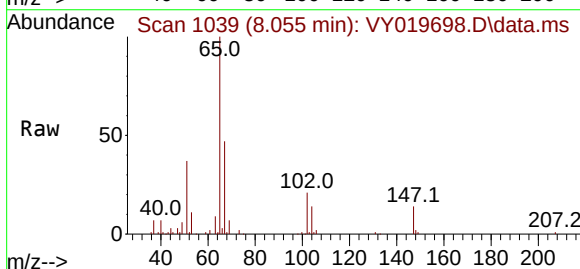
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-09242024

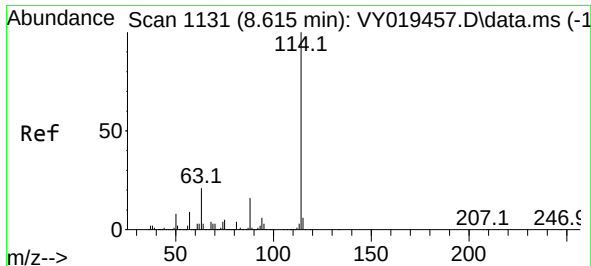
Tgt Ion:168 Resp: 105805
Ion Ratio Lower Upper
168 100
99 56.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 40.313 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019698.D
Acq: 25 Sep 2024 16:24

Tgt Ion: 65 Resp: 39496
Ion Ratio Lower Upper
65 100
67 51.3 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: VY019698.D

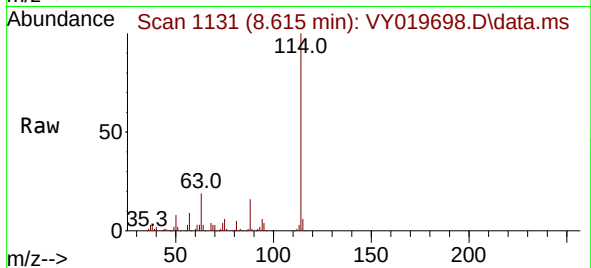
Acq: 25 Sep 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-09242024



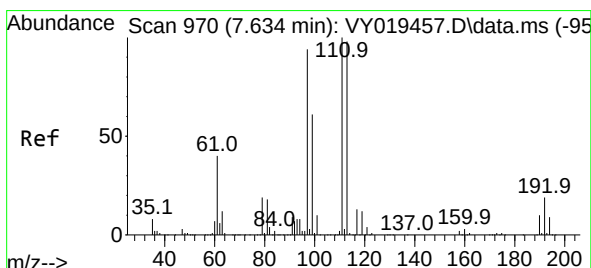
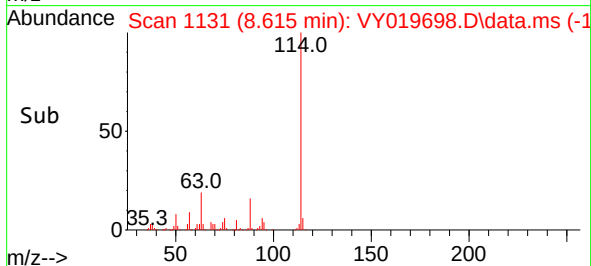
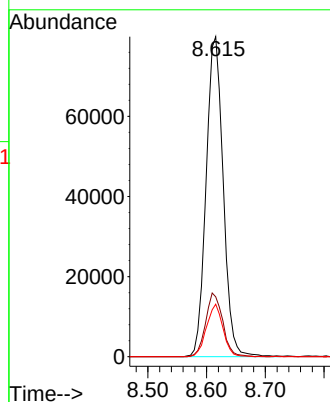
Tgt Ion:114 Resp: 161515

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 16.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.077 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019698.D

Acq: 25 Sep 2024 16:24

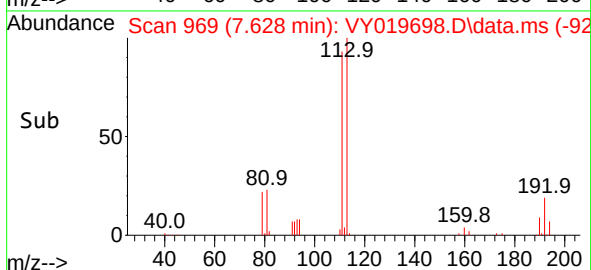
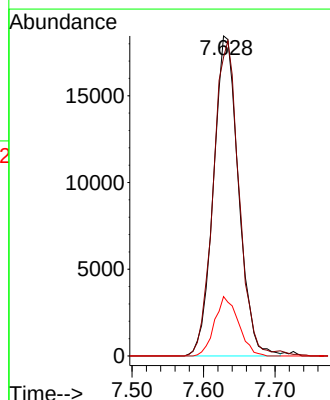
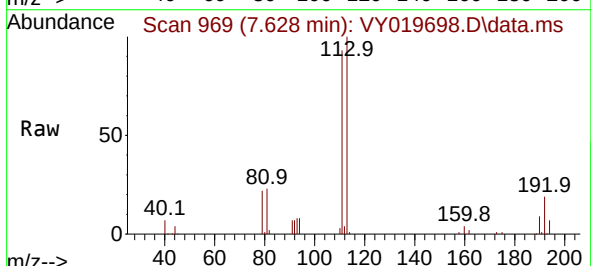
Tgt Ion:113 Resp: 44943

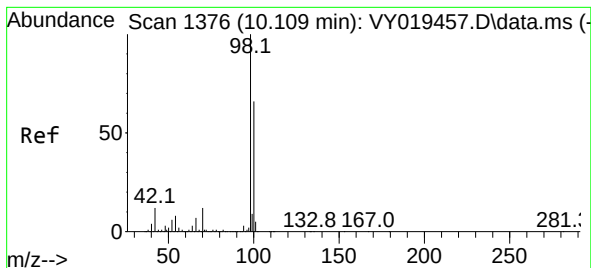
Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.4

192 17.6 15.9 23.9

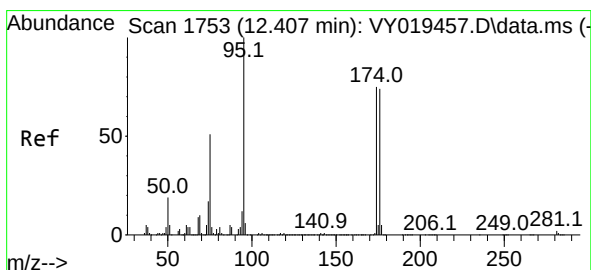
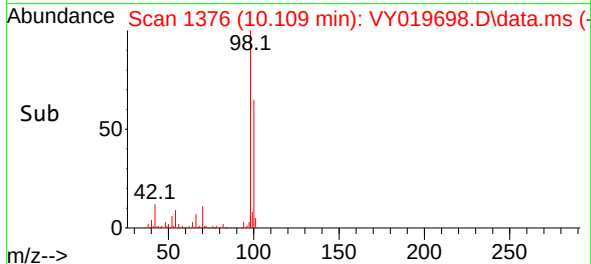
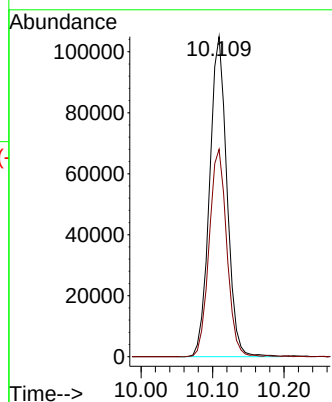
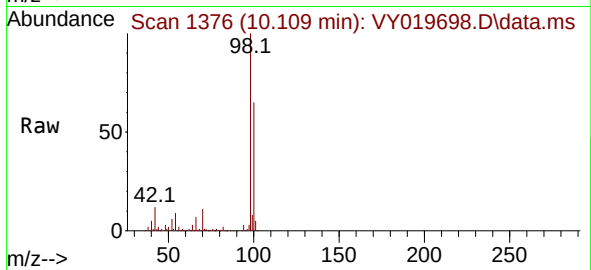




#50
Toluene-d8
Concen: 52.194 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019698.D
Acq: 25 Sep 2024 16:24

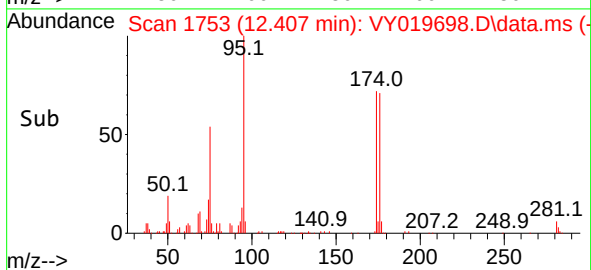
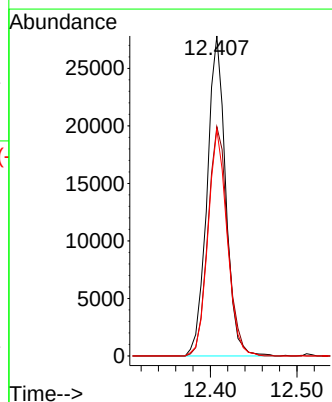
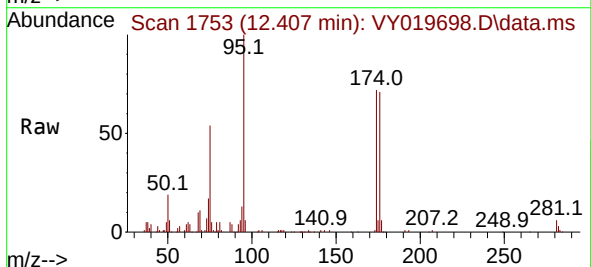
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SU-04-09242024

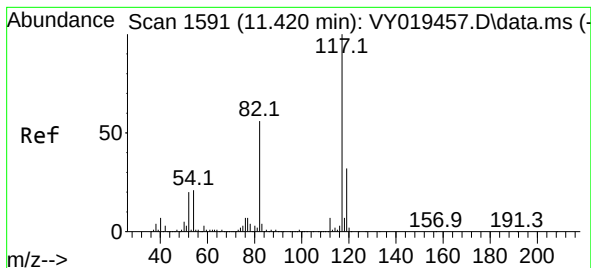
Tgt Ion: 98 Resp: 176790
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 31.857 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019698.D
Acq: 25 Sep 2024 16:24

Tgt Ion: 95 Resp: 41491
Ion Ratio Lower Upper
95 100
174 76.6 0.0 175.6
176 72.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019698.D

Acq: 25 Sep 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-09242024

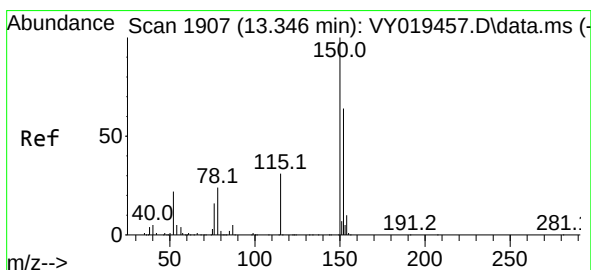
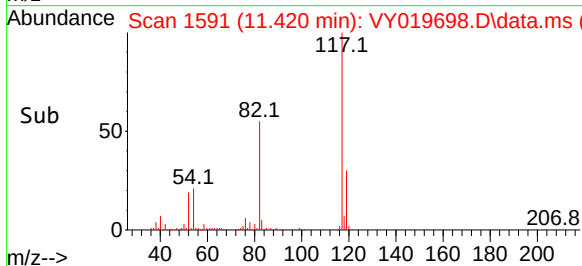
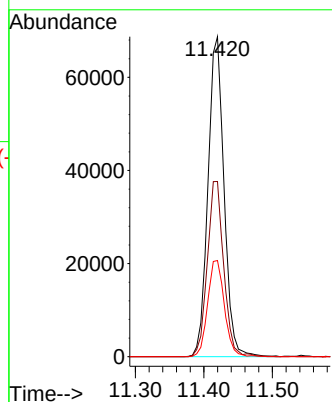
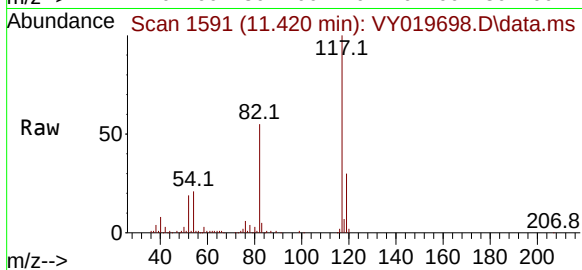
Tgt Ion:117 Resp: 111955

Ion Ratio Lower Upper

117 100

82 54.7 42.4 63.6

119 30.1 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: VY019698.D

Acq: 25 Sep 2024 16:24

Tgt Ion:152 Resp: 33342

Ion Ratio Lower Upper

152 100

115 58.8 28.2 84.7

150 154.0 0.0 345.6

