

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018938.D
 Acq On : 08 Aug 2024 20:03
 Operator : SY/MD
 Sample : P3520-01
 Misc : 5.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-08-080624

Quant Time: Aug 09 05:10:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	99353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	160430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	127468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	47552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	39465	45.242	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.480%
35) Dibromofluoromethane	7.628	113	47251	46.114	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.220%
50) Toluene-d8	10.103	98	186712	47.440	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.880%
62) 4-Bromofluorobenzene	12.408	95	45382	38.866	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.740%

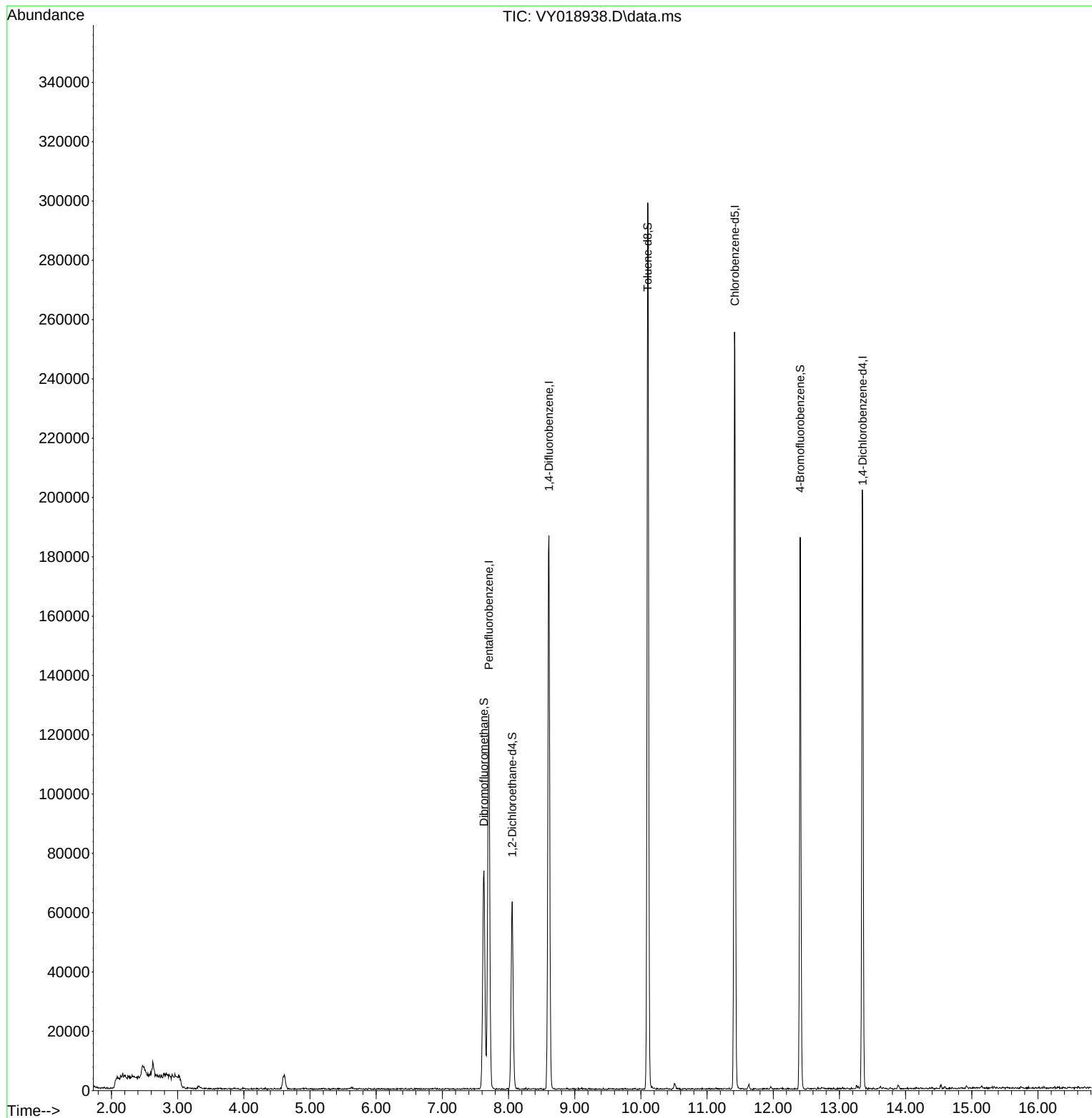
Target Compounds	Qvalue

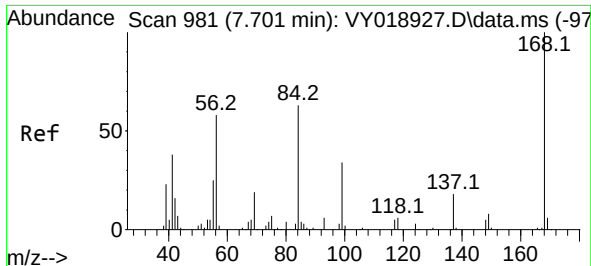
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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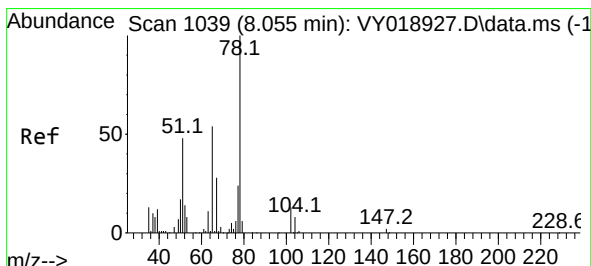
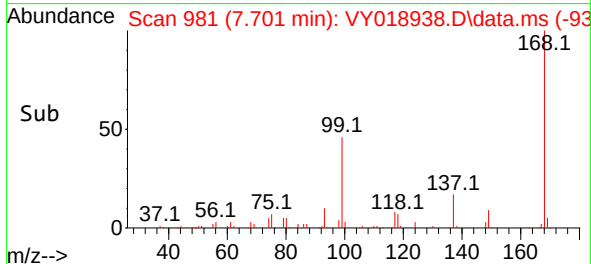
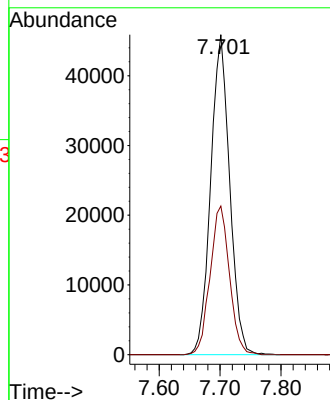
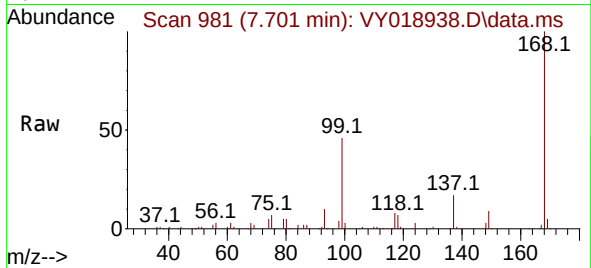




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY018938.D
Acq: 08 Aug 2024 20:03

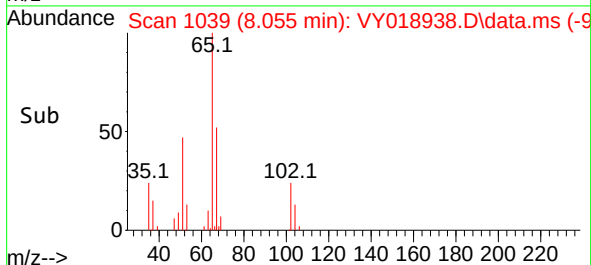
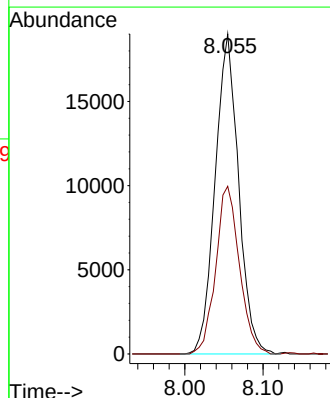
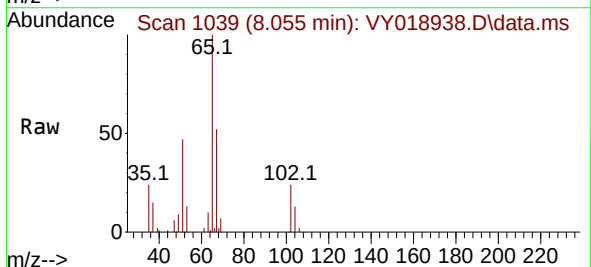
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-08-080624

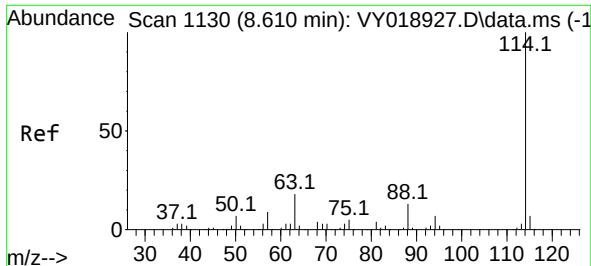
Tgt Ion:168 Resp: 99353
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 45.242 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018938.D
Acq: 08 Aug 2024 20:03

Tgt Ion: 65 Resp: 39465
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# 1130

Delta R.T. -0.000 min

Lab File: VY018938.D

Acq: 08 Aug 2024 20:03

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-08-080624

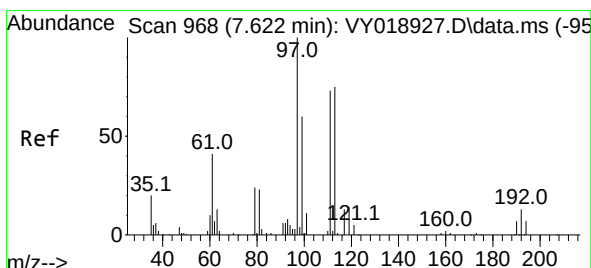
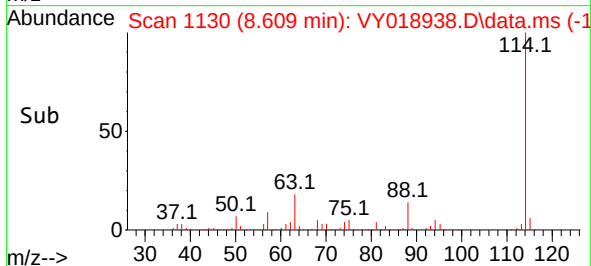
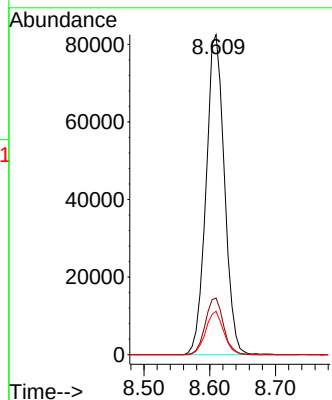
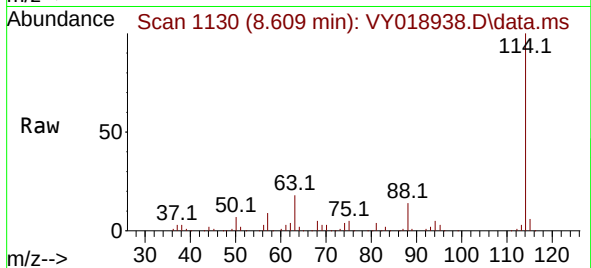
Tgt Ion:114 Resp: 160430

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 13.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.114 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY018938.D

Acq: 08 Aug 2024 20:03

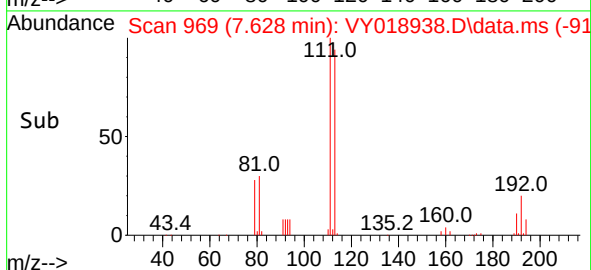
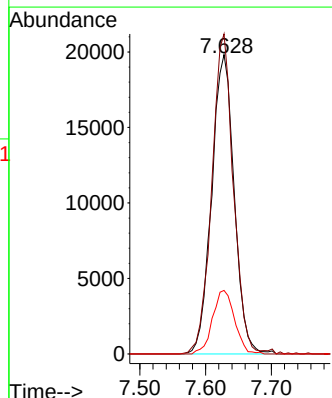
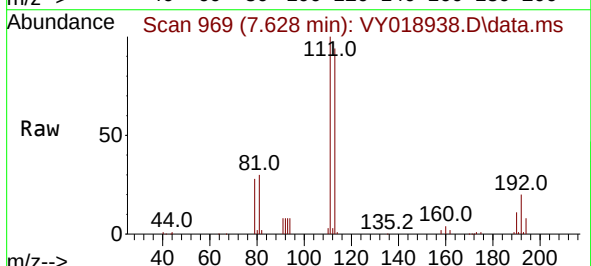
Tgt Ion:113 Resp: 47251

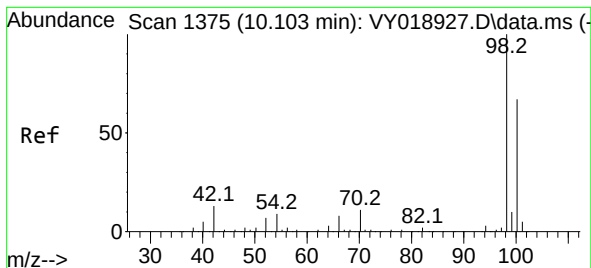
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 20.8 15.9 23.9





#50

Toluene-d8

Concen: 47.440 ug/l

RT: 10.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018938.D

Acq: 08 Aug 2024 20:03

Instrument :

MSVOA_Y

ClientSampleId :

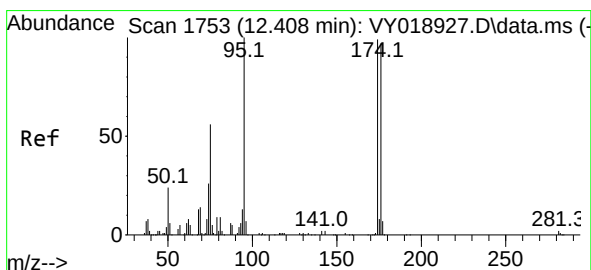
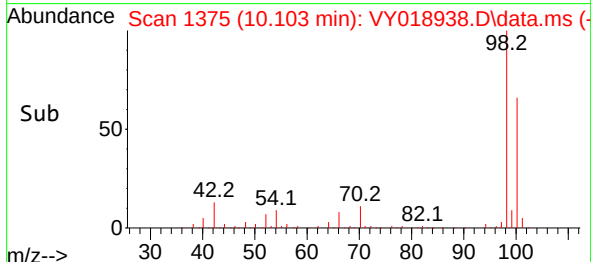
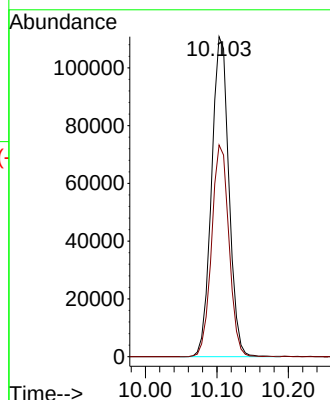
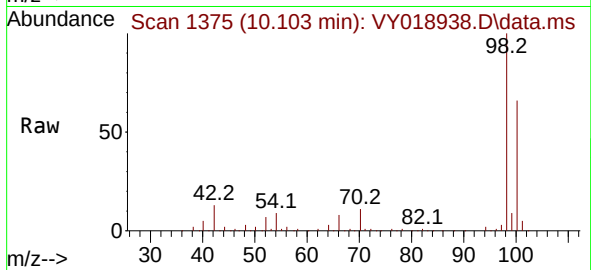
OU4-CF-08-080624

Tgt Ion: 98 Resp: 186712

Ion Ratio Lower Upper

98 100

100 66.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 38.866 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY018938.D

Acq: 08 Aug 2024 20:03

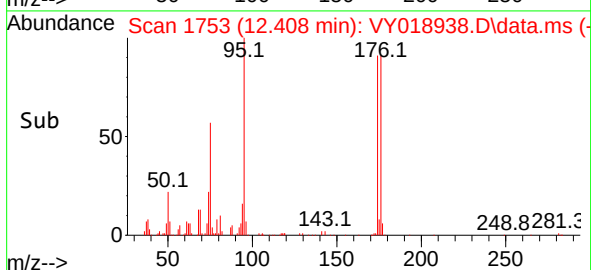
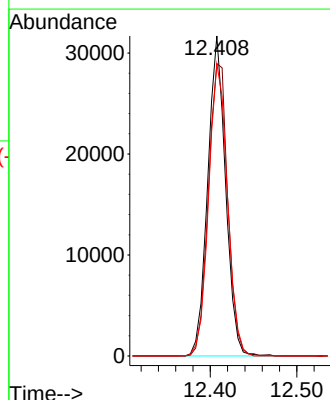
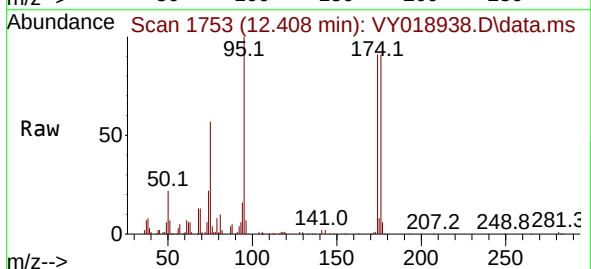
Tgt Ion: 95 Resp: 45382

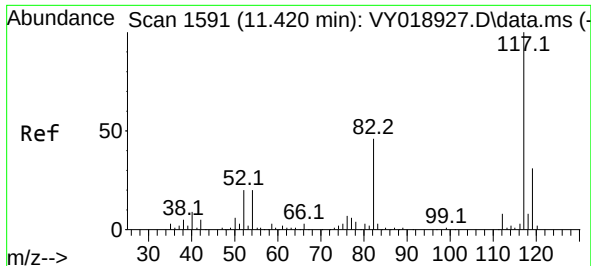
Ion Ratio Lower Upper

95 100

174 99.6 0.0 175.6

176 96.0 0.0 171.4

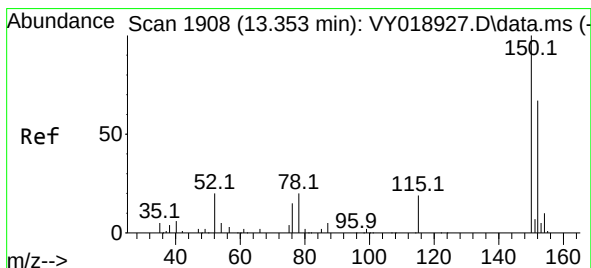
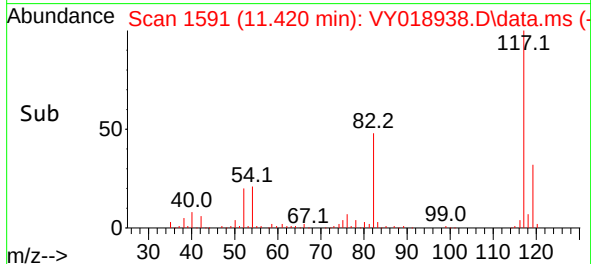
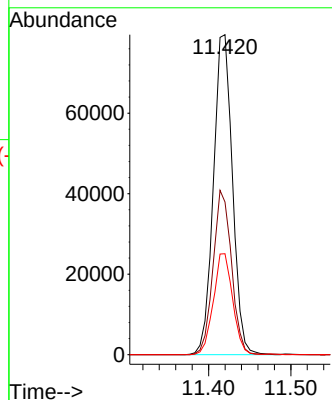
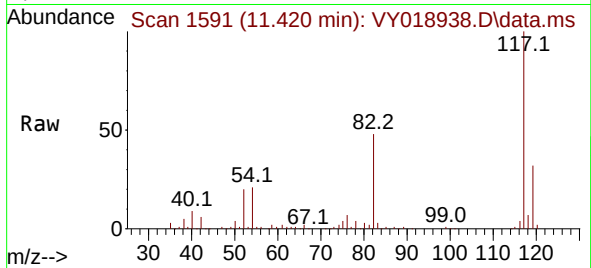




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018938.D
Acq: 08 Aug 2024 20:03

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-08-080624

Tgt Ion:117 Resp: 127468
Ion Ratio Lower Upper
117 100
82 47.7 42.4 63.6
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY018938.D
Acq: 08 Aug 2024 20:03

Tgt Ion:152 Resp: 47552
Ion Ratio Lower Upper
152 100
115 53.2 28.2 84.7
150 157.3 0.0 345.6

