

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018969.D
 Acq On : 09 Aug 2024 16:02
 Operator : SY/MD
 Sample : P3518-15
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-08-080724

Quant Time: Aug 09 23:28:22 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	7.695	168	96133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	157536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	115651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	33503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	49702	58.886	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.780%
35) Dibromofluoromethane	7.622	113	55150	54.812	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.620%
50) Toluene-d8	10.103	98	201507	52.140	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.280%
62) 4-Bromofluorobenzene	12.402	95	40510	35.331	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.660%

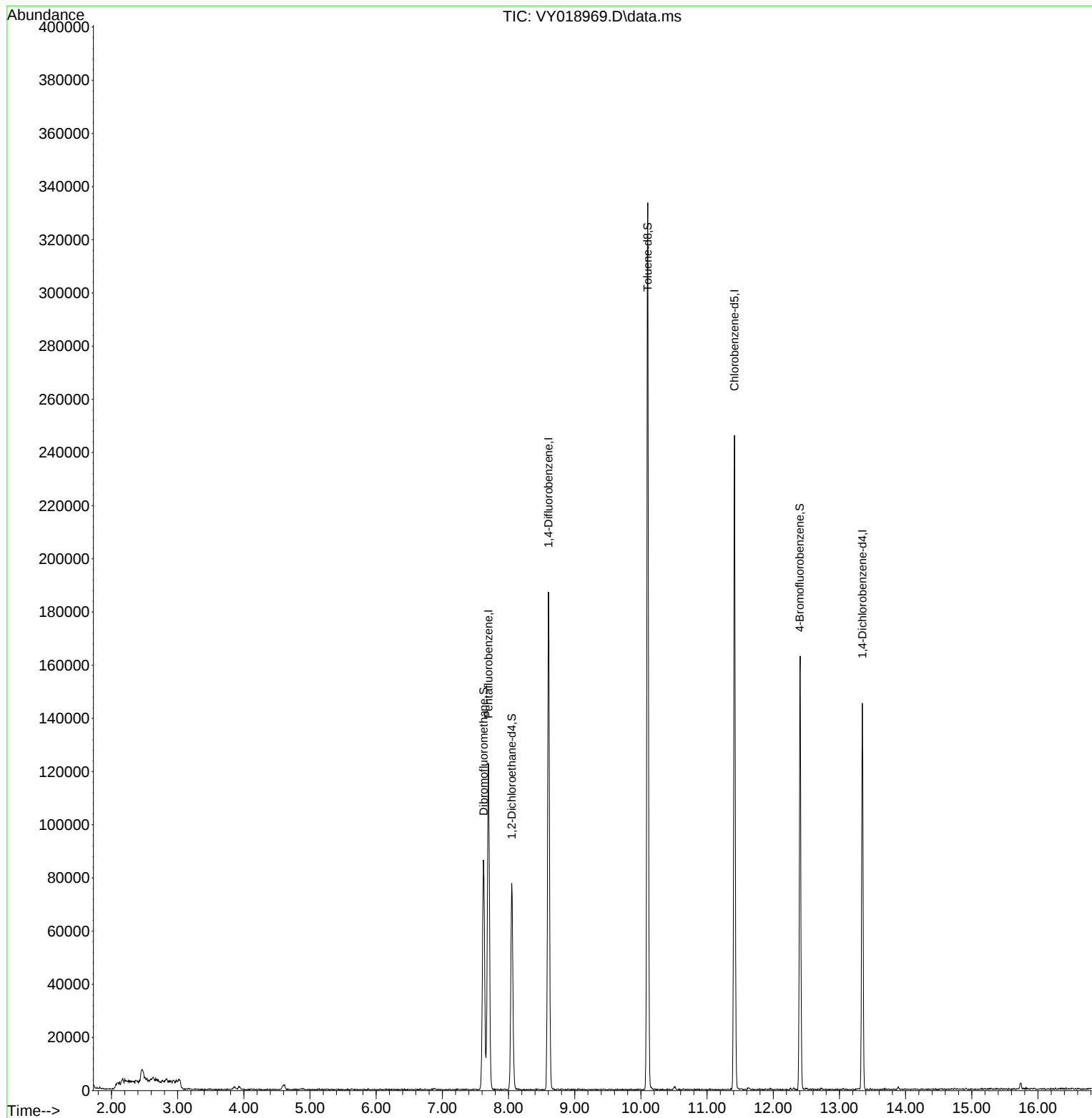
Target Compounds	Qvalue

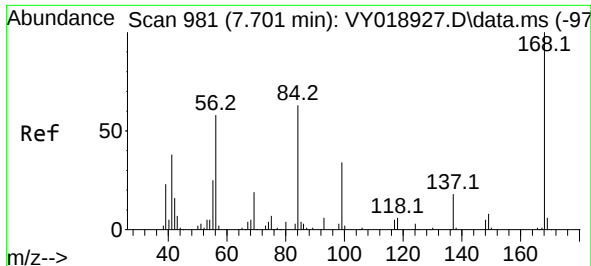
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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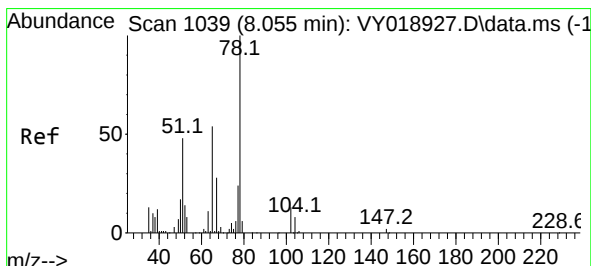
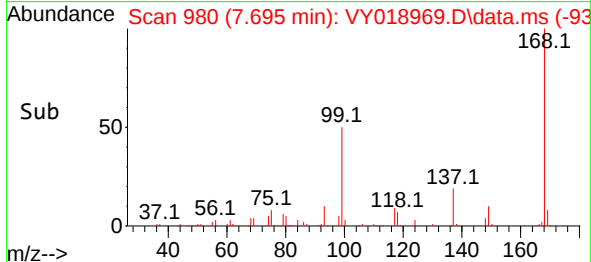
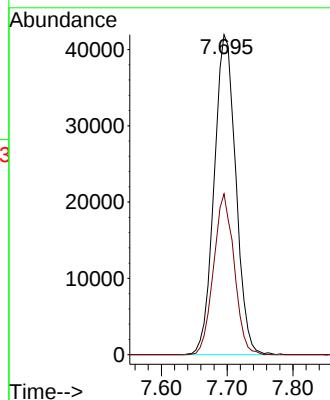
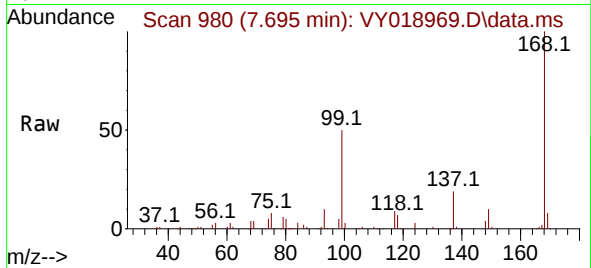




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018969.D
Acq: 09 Aug 2024 16:02

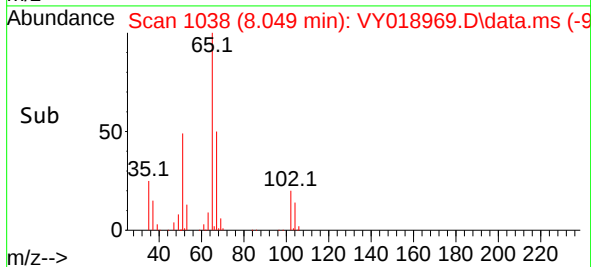
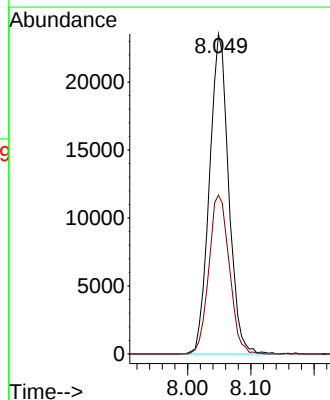
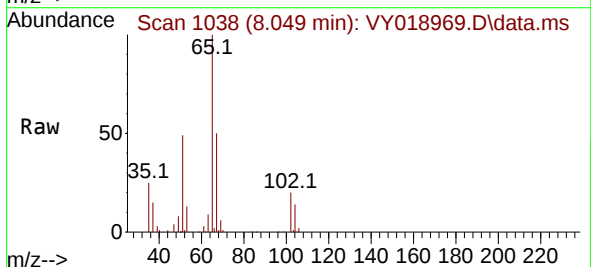
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-08-080724

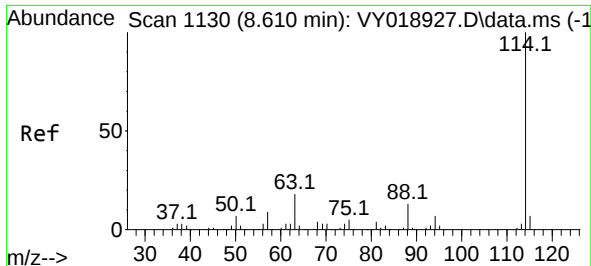
Tgt Ion:168 Resp: 96133
Ion Ratio Lower Upper
168 100
99 50.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 58.886 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018969.D
Acq: 09 Aug 2024 16:02

Tgt Ion: 65 Resp: 49702
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY018969.D

Acq: 09 Aug 2024 16:02

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-08-080724

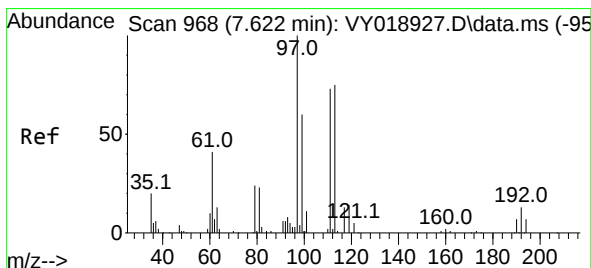
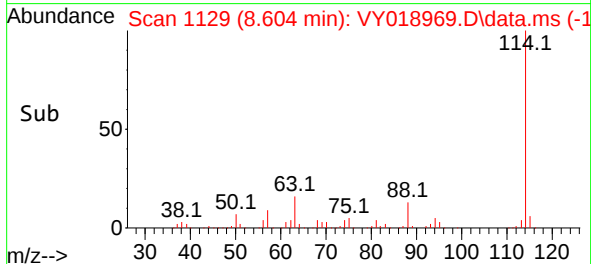
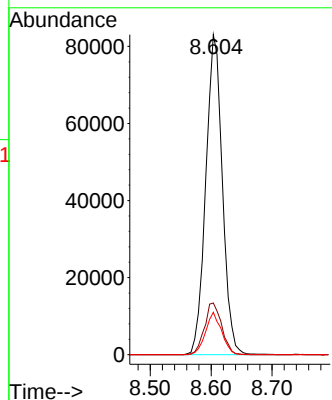
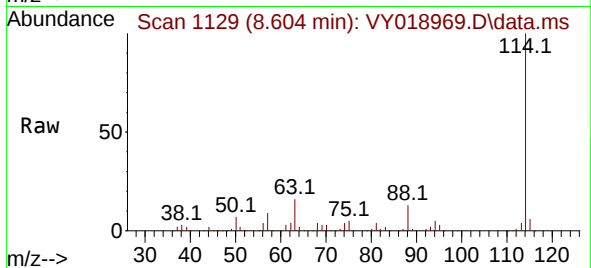
Tgt Ion:114 Resp: 157536

Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.0

88 13.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.812 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY018969.D

Acq: 09 Aug 2024 16:02

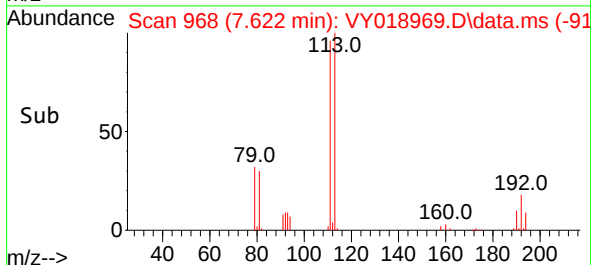
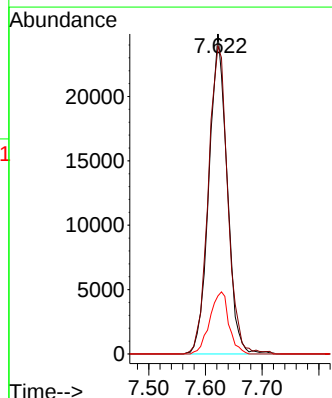
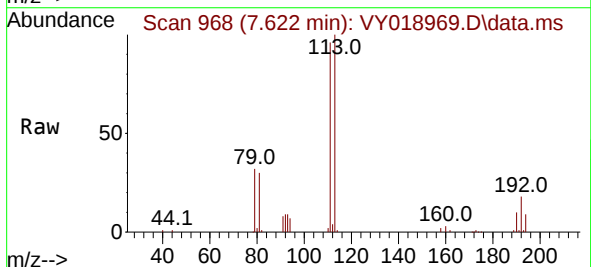
Tgt Ion:113 Resp: 55150

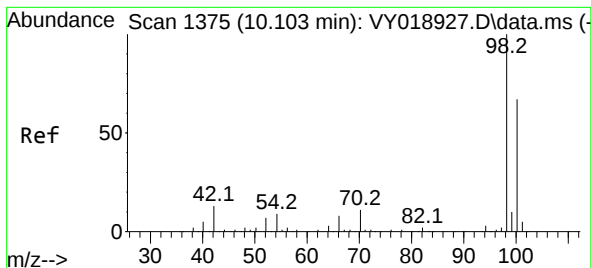
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 20.4 15.9 23.9





#50

Toluene-d8

Concen: 52.140 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018969.D

Acq: 09 Aug 2024 16:02

Instrument :

MSVOA_Y

ClientSampleId :

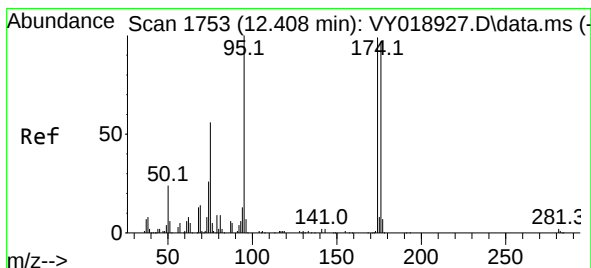
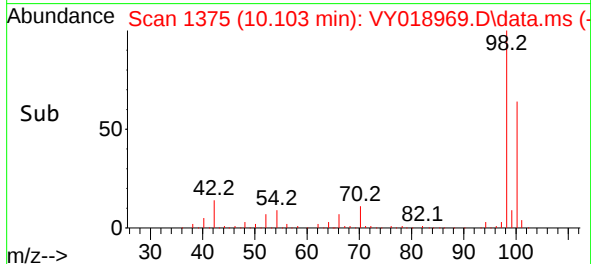
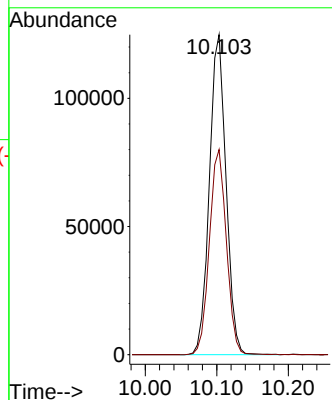
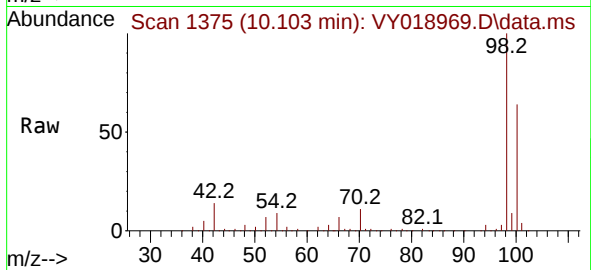
OU4-TS-08-080724

Tgt Ion: 98 Resp: 201507

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 35.331 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY018969.D

Acq: 09 Aug 2024 16:02

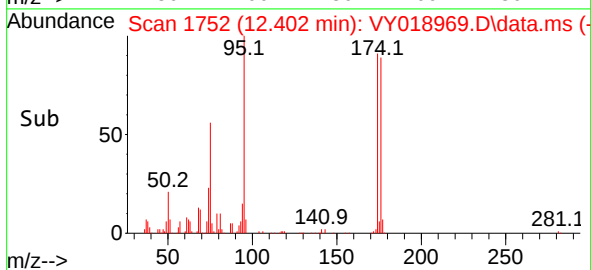
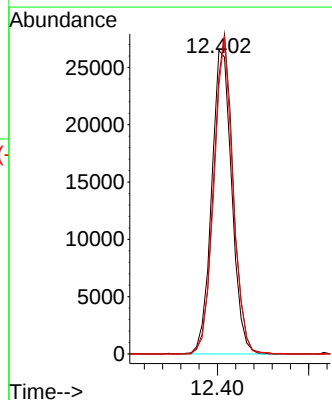
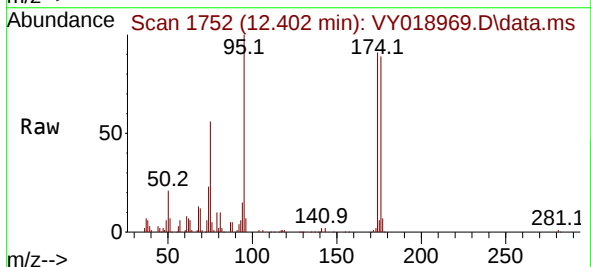
Tgt Ion: 95 Resp: 40510

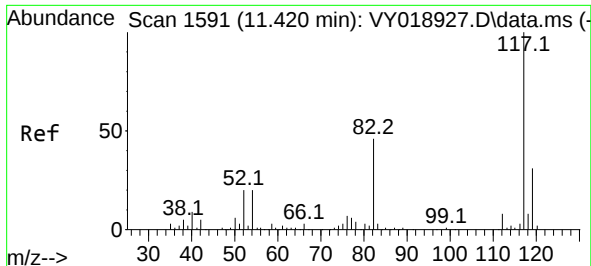
Ion Ratio Lower Upper

95 100

174 101.6 0.0 175.6

176 98.6 0.0 171.4

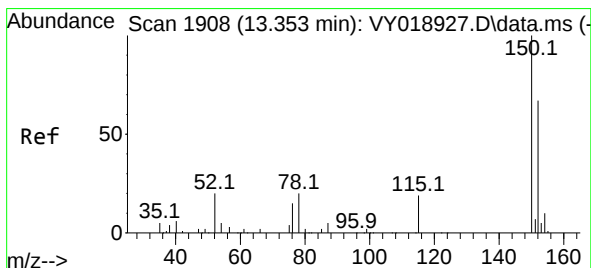
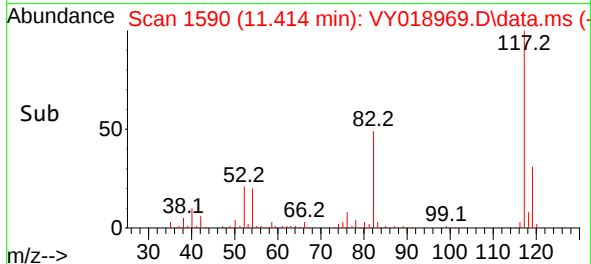
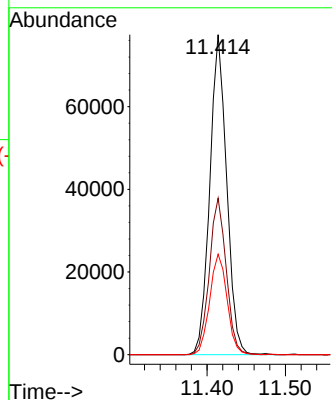
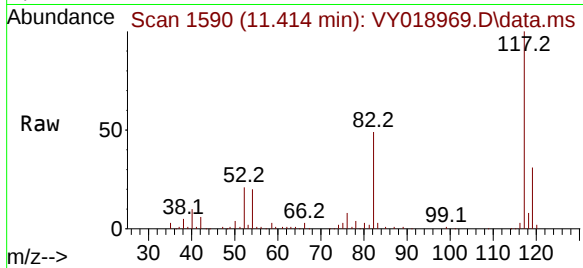




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018969.D
Acq: 09 Aug 2024 16:02

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-08-080724

Tgt Ion:117 Resp: 115651
Ion Ratio Lower Upper
117 100
82 48.9 42.4 63.6
119 31.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY018969.D
Acq: 09 Aug 2024 16:02

Tgt Ion:152 Resp: 33503
Ion Ratio Lower Upper
152 100
115 52.7 28.2 84.7
150 159.6 0.0 345.6

