

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
 Data File : VY012155.D
 Acq On : 11 Jan 2023 12:04
 Operator : KP/MD
 Sample : 01090-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-3-010923RE

Quant Time: Jan 12 05:48:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	80546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	139123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	140995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65305	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	56969	62.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.880%
35) Dibromofluoromethane	7.716	113	45802	50.088	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.180%
50) Toluene-d8	10.179	98	167566	46.426	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.860%
62) 4-Bromofluorobenzene	12.483	95	55266	43.806	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.620%

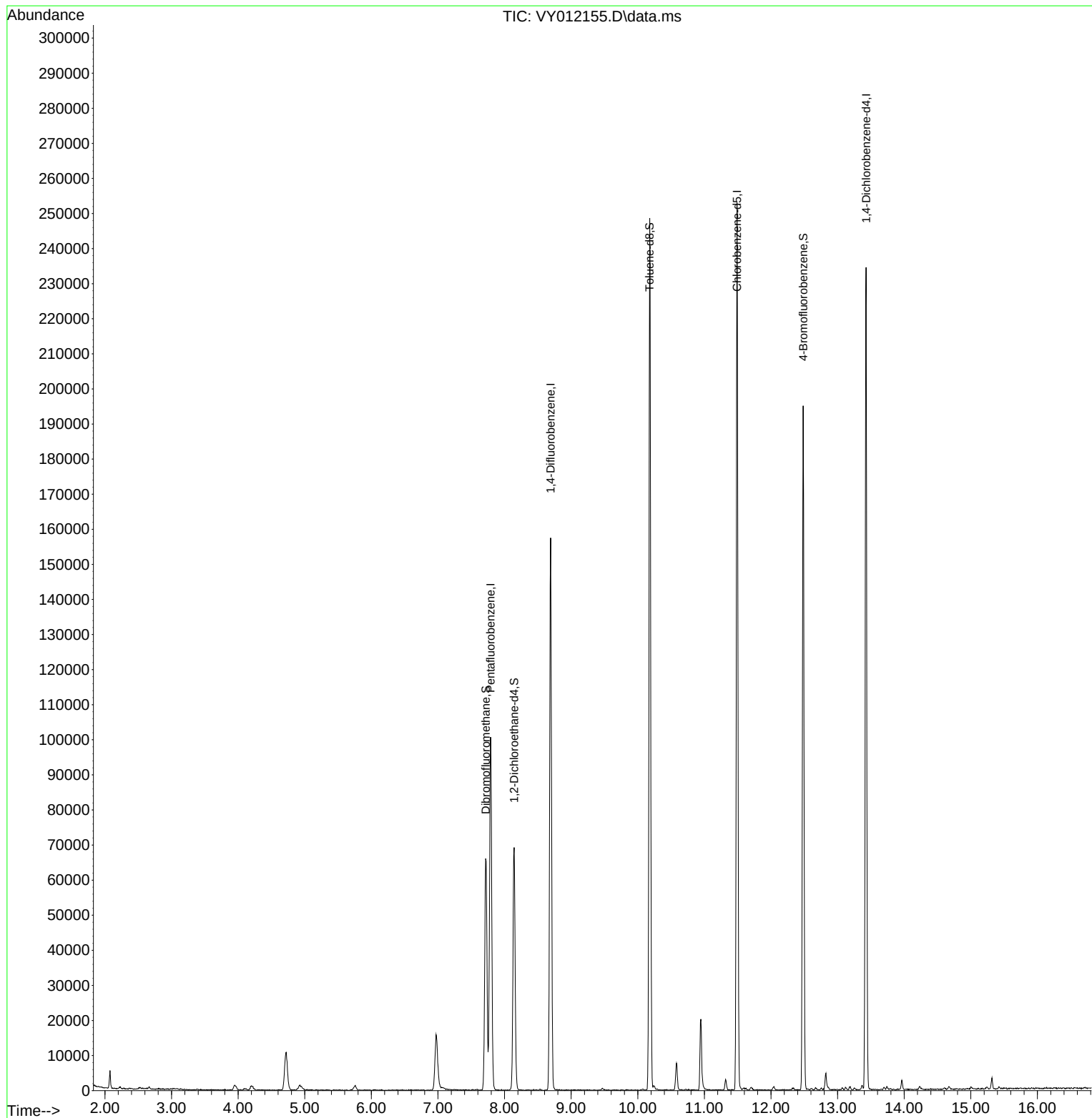
Target Compounds	Qvalue

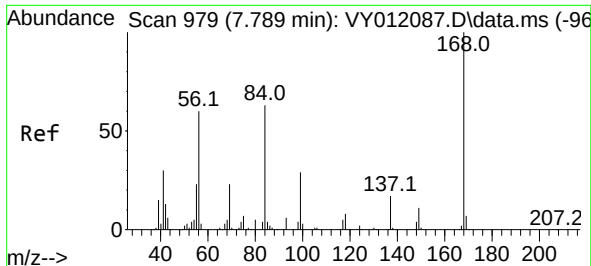
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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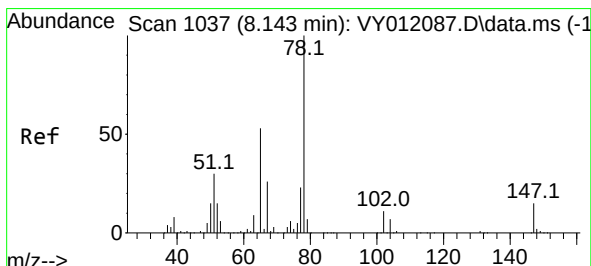
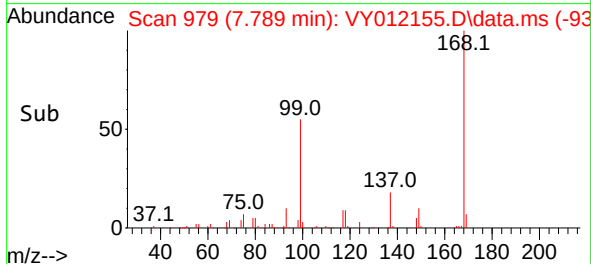
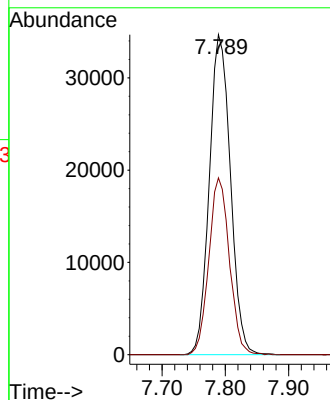
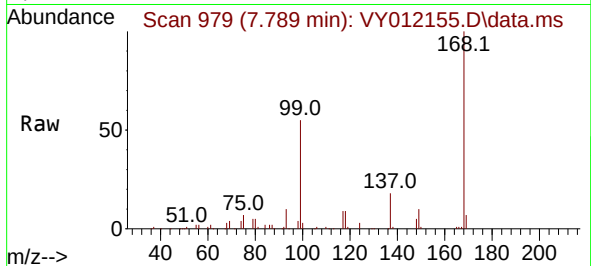




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012155.D
Acq: 11 Jan 2023 12:04

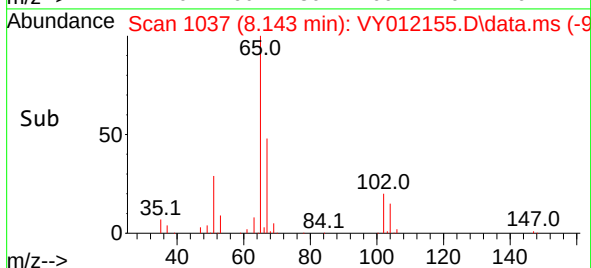
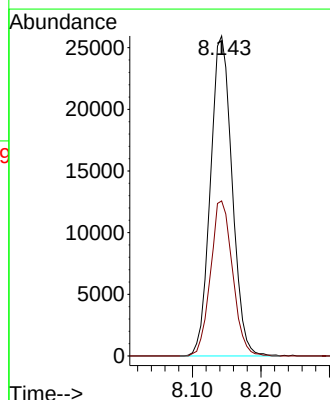
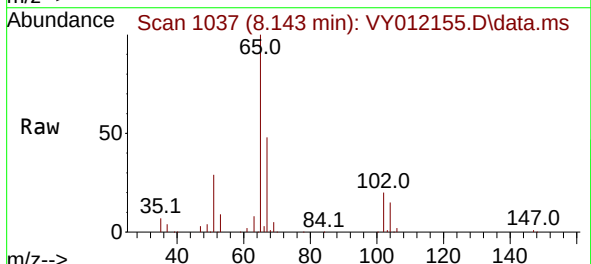
Instrument :
MSVOA_Y
ClientSampleId :
SU-3-010923RE

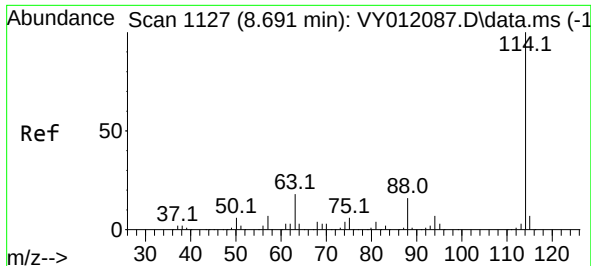
Tgt Ion:168 Resp: 80546
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 62.945 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012155.D
Acq: 11 Jan 2023 12:04

Tgt Ion: 65 Resp: 56969
Ion Ratio Lower Upper
65 100
67 49.3 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012155.D

Acq: 11 Jan 2023 12:04

Instrument :

MSVOA_Y

ClientSampleId :

SU-3-010923RE

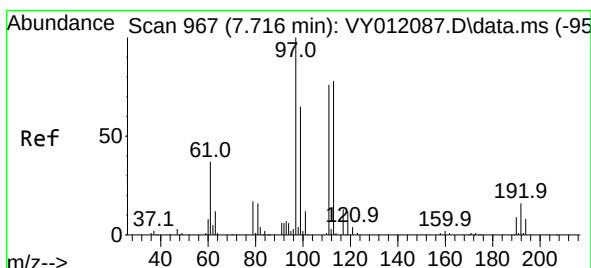
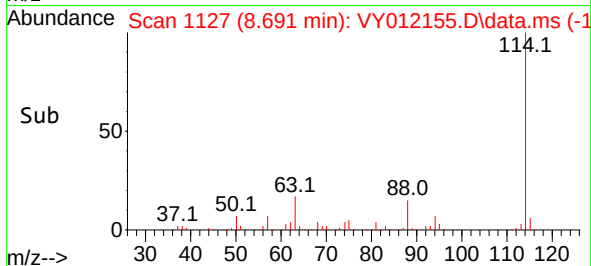
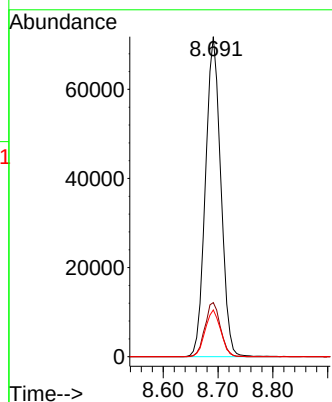
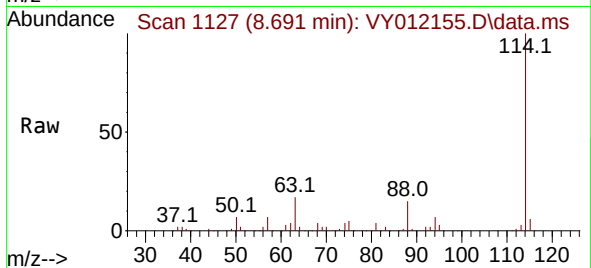
Tgt Ion:114 Resp: 139123

Ion Ratio Lower Upper

114 100

63 16.9 0.0 39.6

88 14.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.088 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012155.D

Acq: 11 Jan 2023 12:04

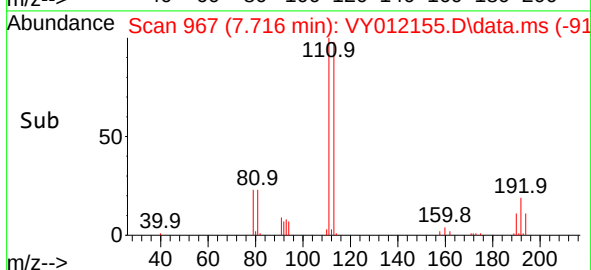
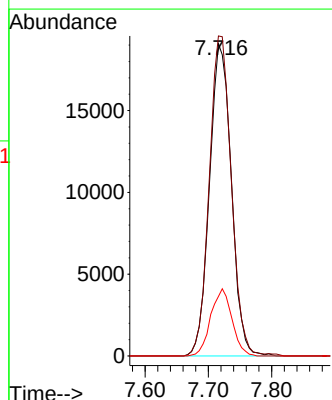
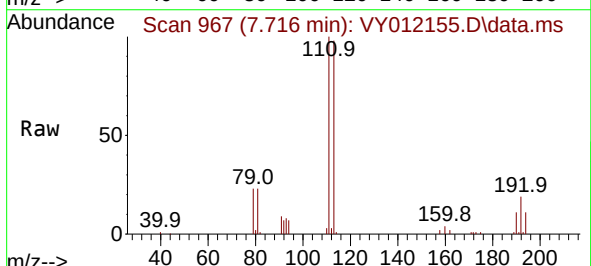
Tgt Ion:113 Resp: 45802

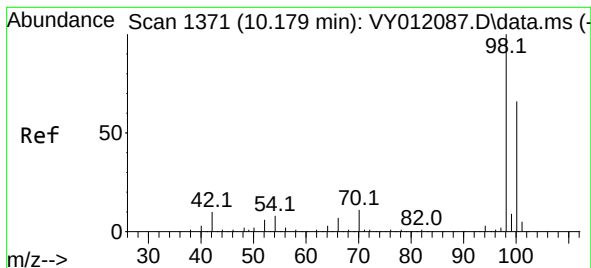
Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.4

192 20.9 16.0 24.0





#50

Toluene-d8

Concen: 46.426 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012155.D

Acq: 11 Jan 2023 12:04

Instrument :

MSVOA_Y

ClientSampleId :

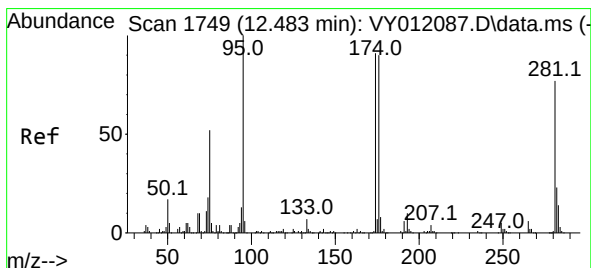
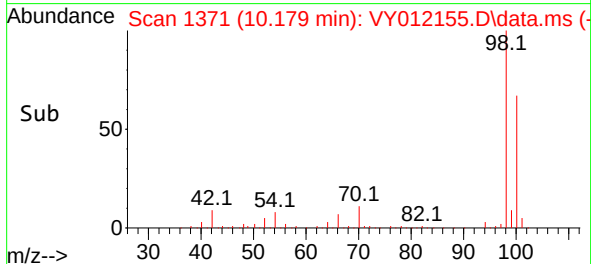
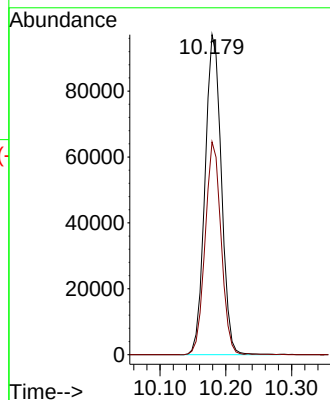
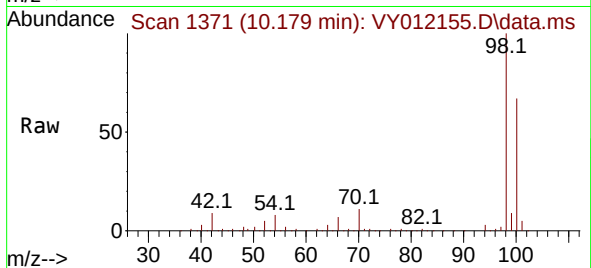
SU-3-010923RE

Tgt Ion: 98 Resp: 167566

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 43.806 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012155.D

Acq: 11 Jan 2023 12:04

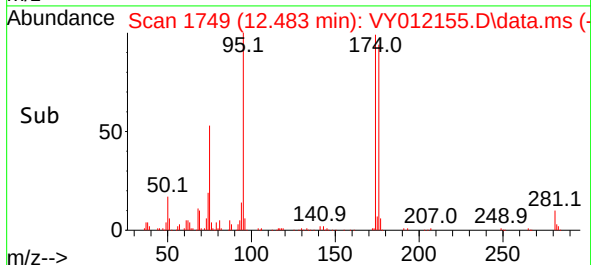
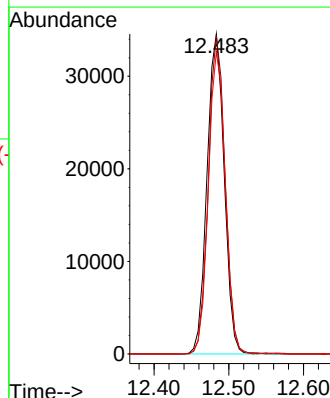
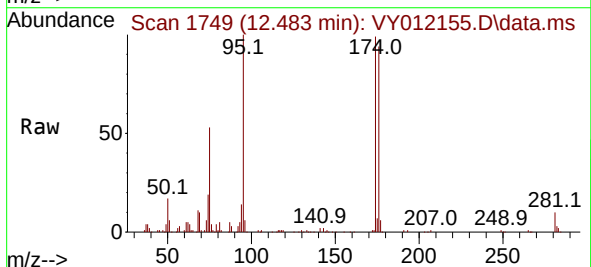
Tgt Ion: 95 Resp: 55266

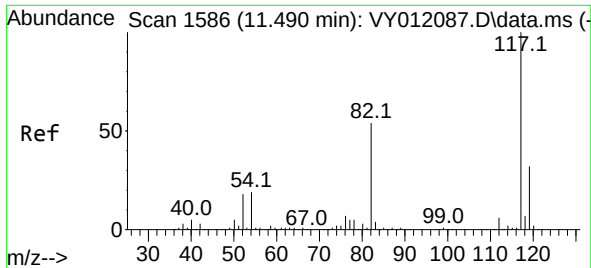
Ion Ratio Lower Upper

95 100

174 96.9 0.0 172.0

176 93.4 0.0 167.6

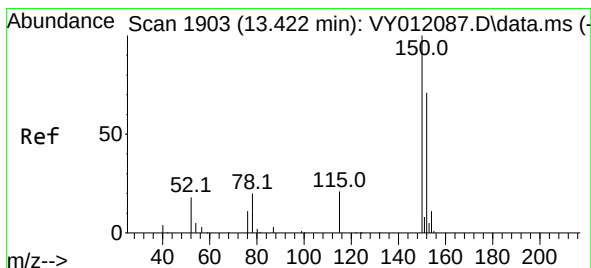
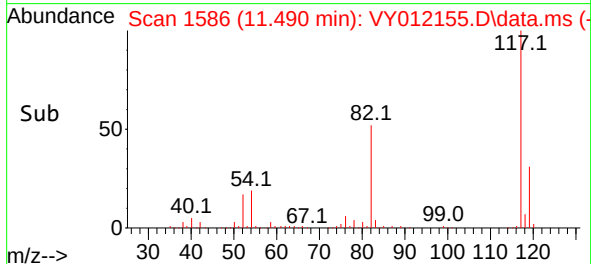
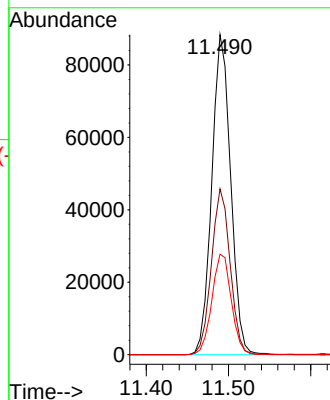
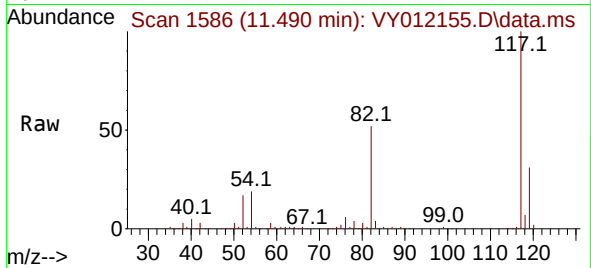




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012155.D
Acq: 11 Jan 2023 12:04

Instrument :
MSVOA_Y
ClientSampleId :
SU-3-010923RE

Tgt Ion:117 Resp: 140995
Ion Ratio Lower Upper
117 100
82 51.8 44.8 67.2
119 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012155.D
Acq: 11 Jan 2023 12:04

Tgt Ion:152 Resp: 65305
Ion Ratio Lower Upper
152 100
115 55.3 29.1 87.3
150 156.8 0.0 342.6

