

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011799.D
 Acq On : 13 Dec 2022 17:19
 Operator : KP/MD
 Sample : N6048-01
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-22

Quant Time: Dec 13 22:19:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	288300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	480526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	420566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	194661	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	96012	48.677	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.360%
35) Dibromofluoromethane	7.716	113	103322	48.260	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.520%
50) Toluene-d8	10.179	98	307798	43.051	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.100%
62) 4-Bromofluorobenzene	12.483	95	119551	42.199	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.400%

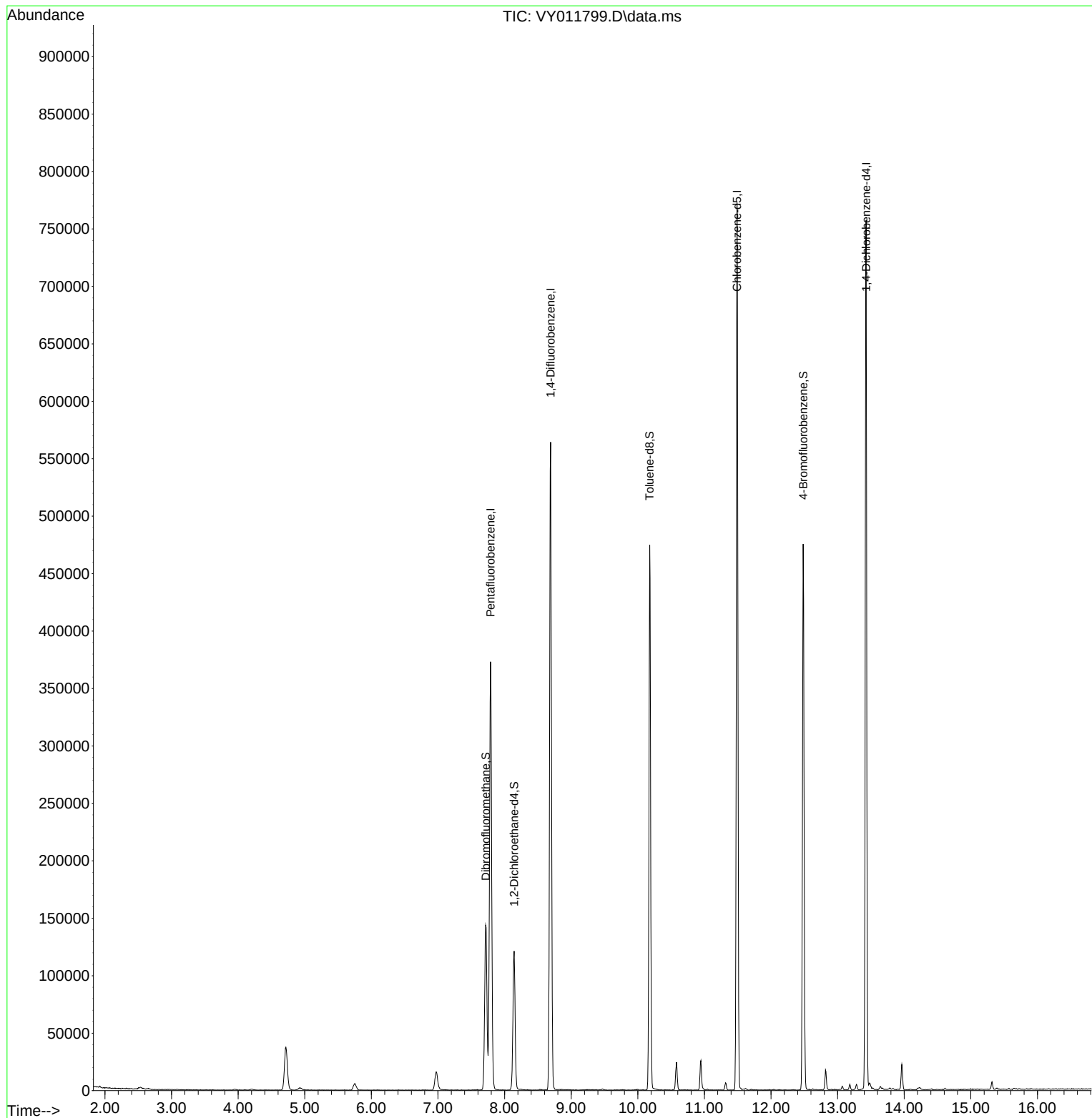
Target Compounds	Qvalue

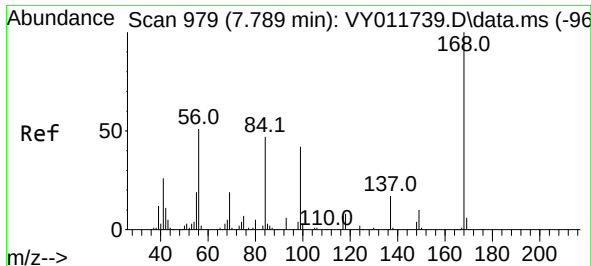
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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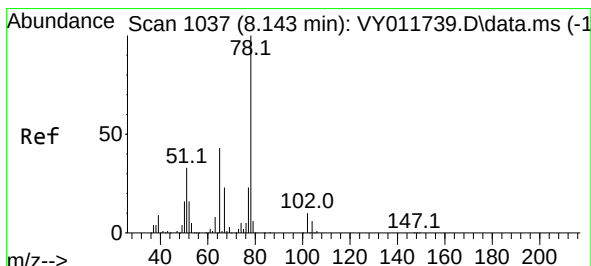
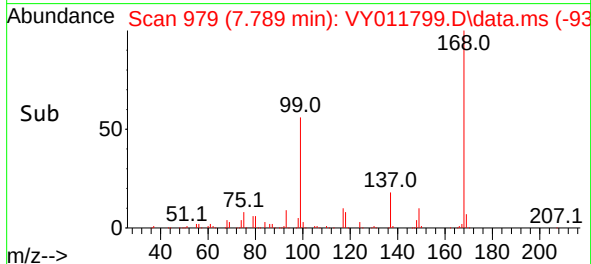
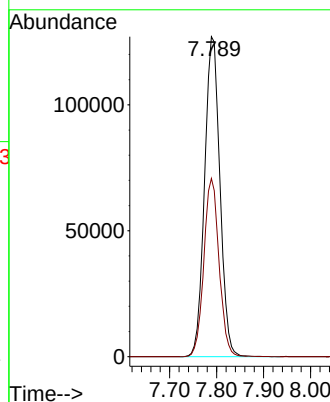
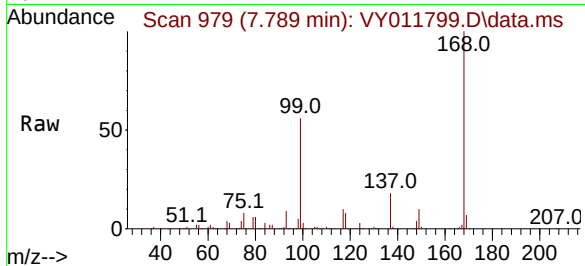




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011799.D
Acq: 13 Dec 2022 17:19

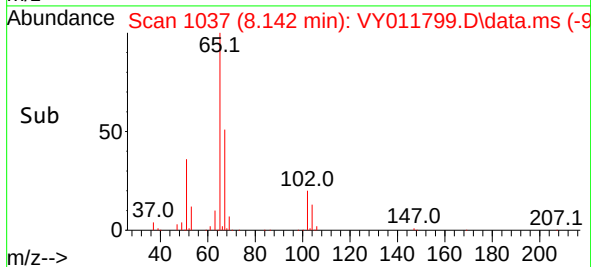
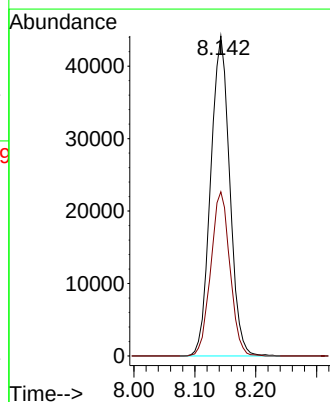
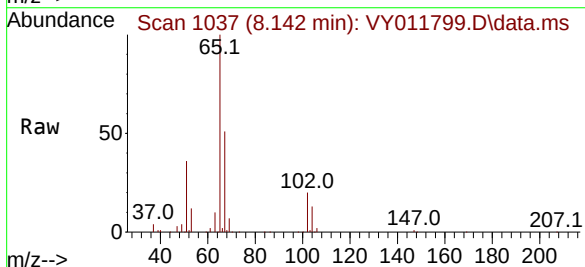
Instrument :
MSVOA_Y
ClientSampleId :
MH-22

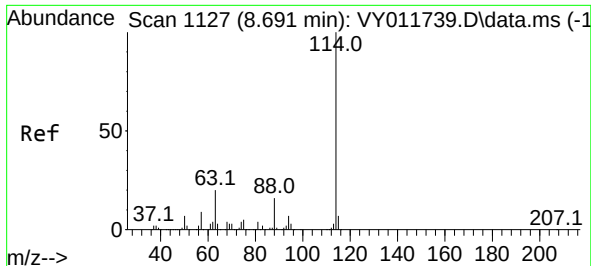
Tgt Ion:168 Resp: 288300
Ion Ratio Lower Upper
168 100
99 55.7 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 48.677 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011799.D
Acq: 13 Dec 2022 17:19

Tgt Ion: 65 Resp: 96012
Ion Ratio Lower Upper
65 100
67 51.5 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: VY011799.D

Acq: 13 Dec 2022 17:19

Instrument :

MSVOA_Y

ClientSampleId :

MH-22

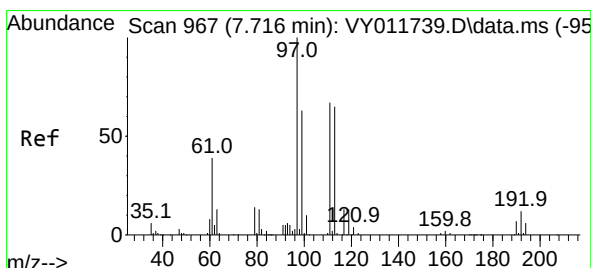
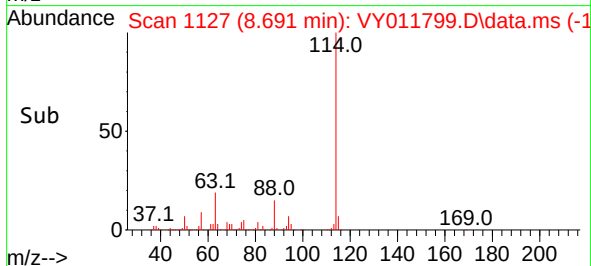
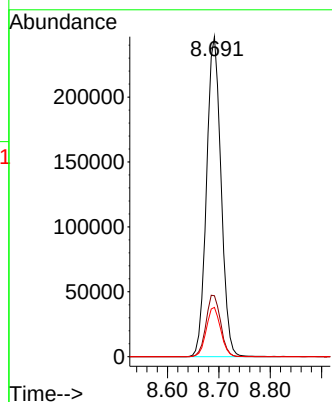
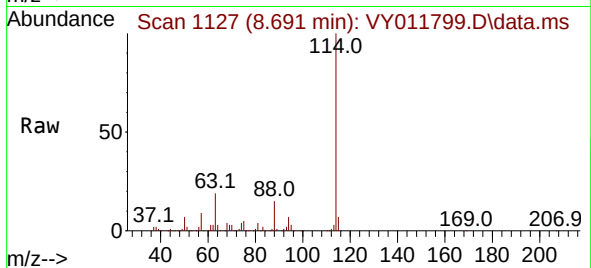
Tgt Ion:114 Resp: 480526

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.260 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011799.D

Acq: 13 Dec 2022 17:19

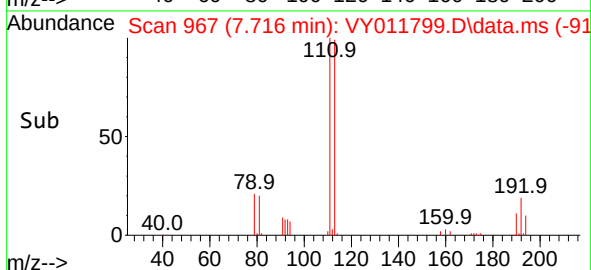
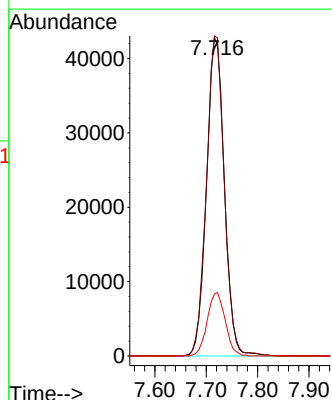
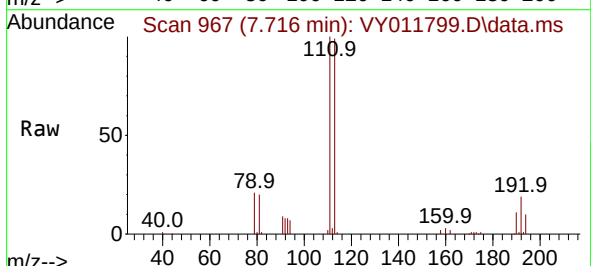
Tgt Ion:113 Resp: 103322

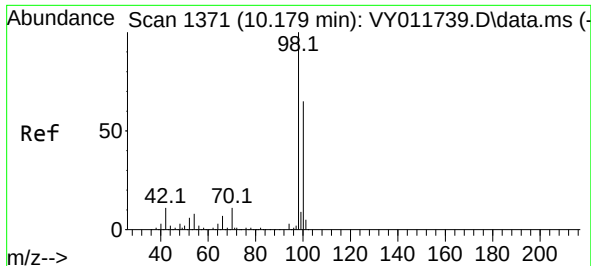
Ion Ratio Lower Upper

113 100

111 101.1 83.0 124.4

192 20.1 16.0 24.0

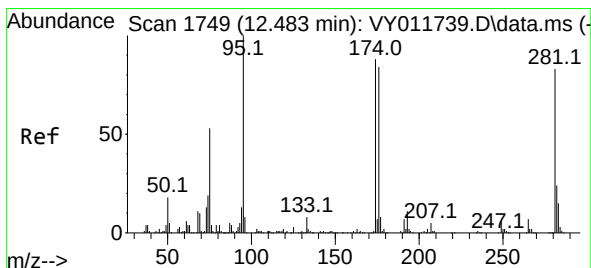
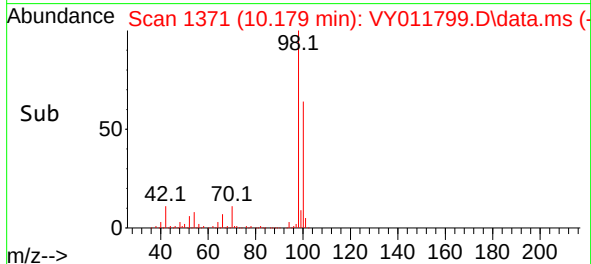
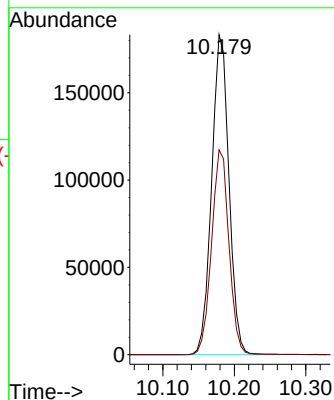
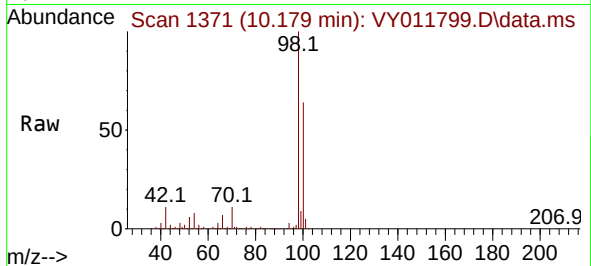




#50
Toluene-d8
Concen: 43.051 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011799.D
Acq: 13 Dec 2022 17:19

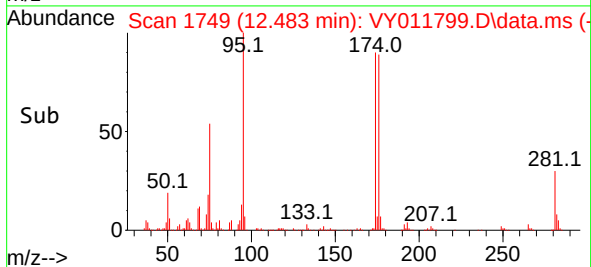
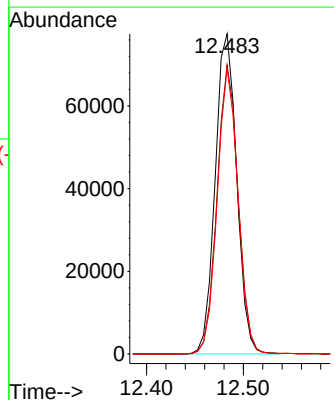
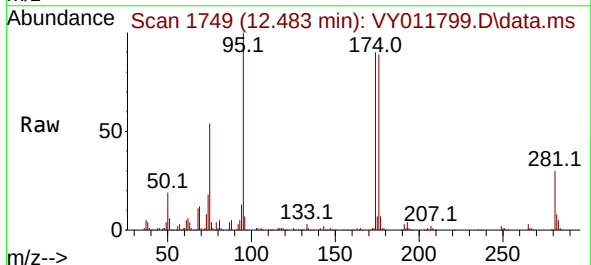
Instrument :
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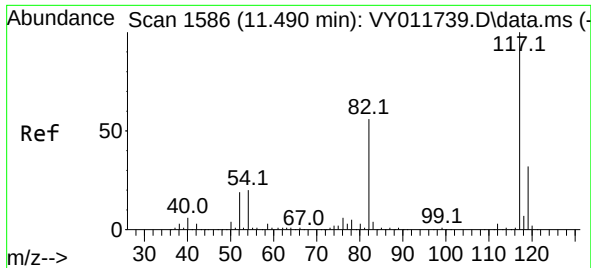
Tgt Ion: 98 Resp: 307798
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.199 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011799.D
Acq: 13 Dec 2022 17:19

Tgt Ion: 95 Resp: 119551
Ion Ratio Lower Upper
95 100
174 88.6 0.0 172.0
176 86.1 0.0 167.6

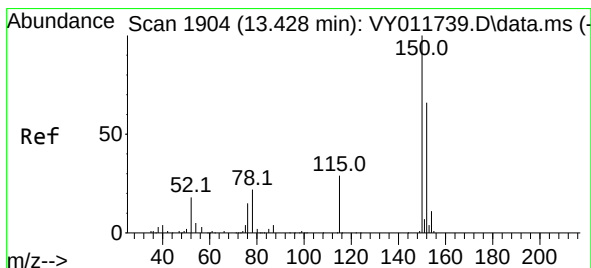
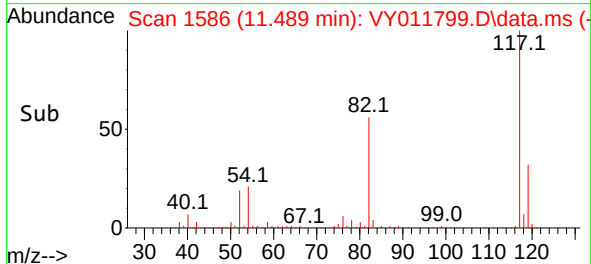
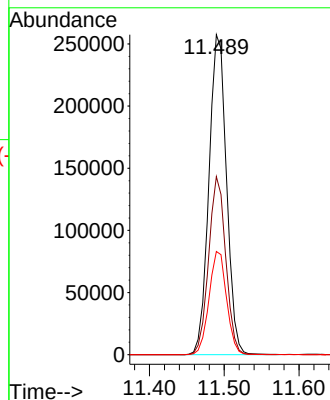
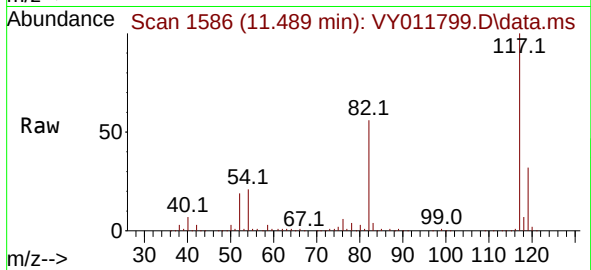




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011799.D
Acq: 13 Dec 2022 17:19

Instrument :
MSVOA_Y
ClientSampleId :
MH-22

Tgt Ion:117 Resp: 420566
Ion Ratio Lower Upper
117 100
82 55.7 44.8 67.2
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011799.D
Acq: 13 Dec 2022 17:19

Tgt Ion:152 Resp: 194661
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.3
150 155.7 0.0 342.6

