

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016998.D
 Acq On : 12 Jan 2024 17:18
 Operator : SY/MD
 Sample : P1119-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-J

Quant Time: Jan 13 00:08:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	118985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	245973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	244462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	104845	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	54860	46.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.300%
35) Dibromofluoromethane	7.734	113	58335	37.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.440%
50) Toluene-d8	10.191	98	217011	40.206	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.420%
62) 4-Bromofluorobenzene	12.489	95	82511	45.310	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.620%

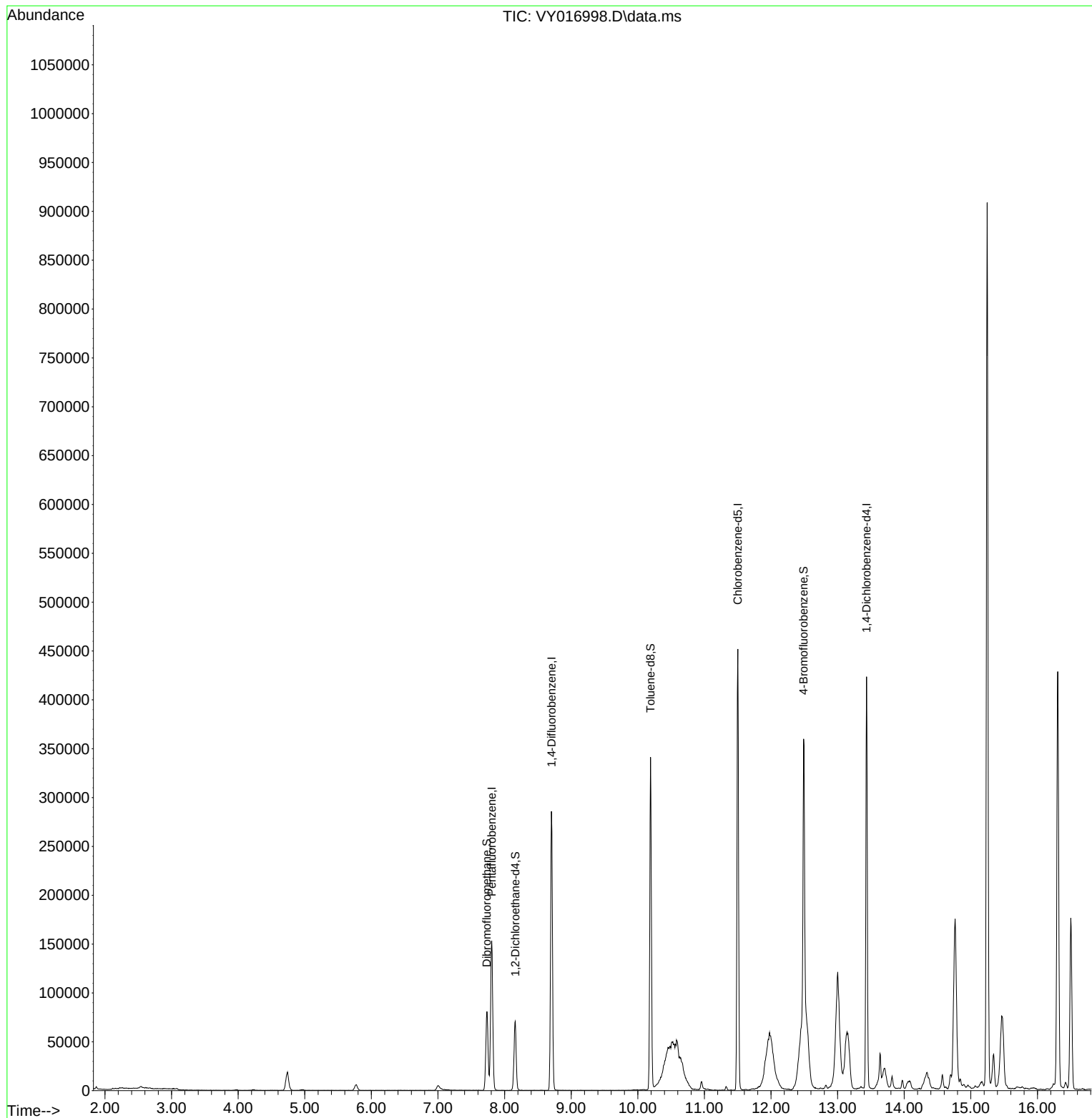
Target Compounds	Qvalue

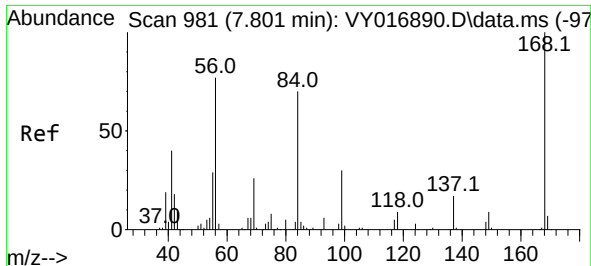
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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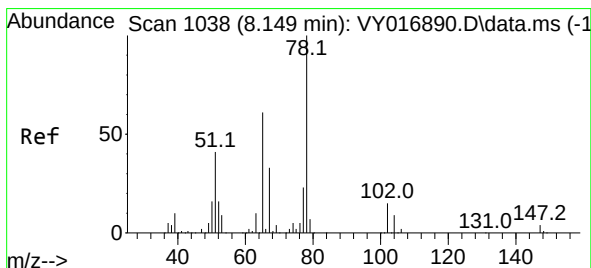
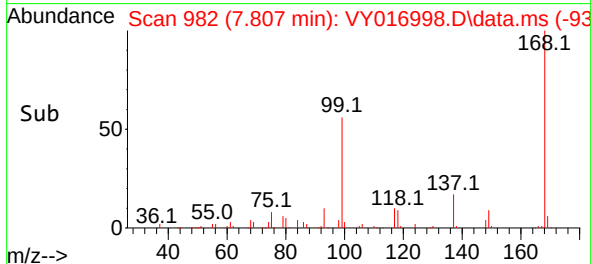
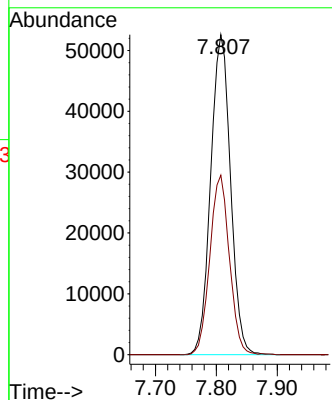
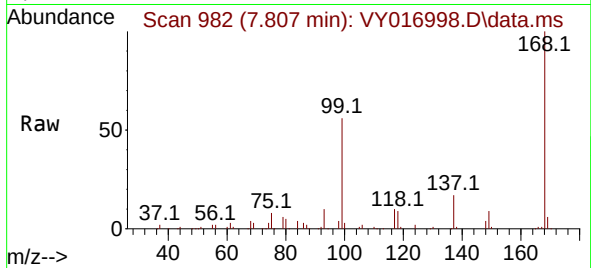




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016998.D
Acq: 12 Jan 2024 17:18

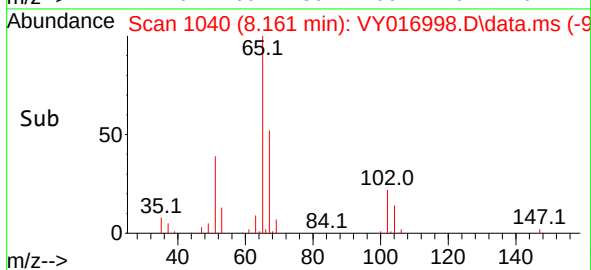
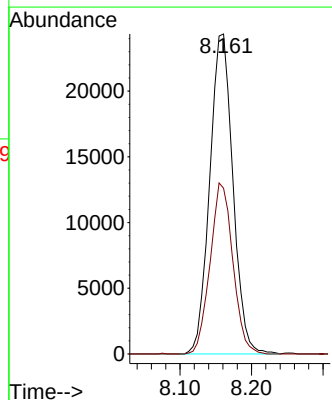
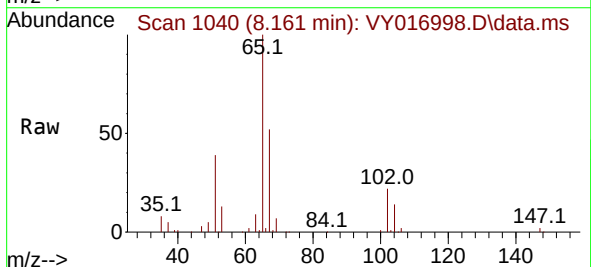
Instrument :
MSVOA_Y
ClientSampleId :
MH-J

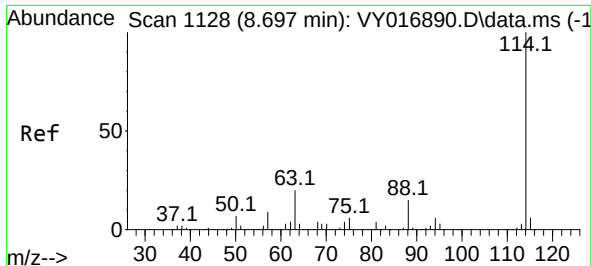
Tgt Ion:168 Resp: 118985
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.650 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016998.D
Acq: 12 Jan 2024 17:18

Tgt Ion: 65 Resp: 54860
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY016998.D

Acq: 12 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

MH-J

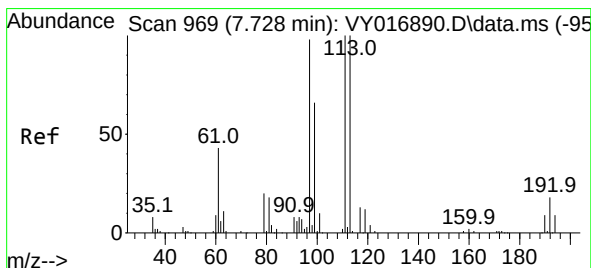
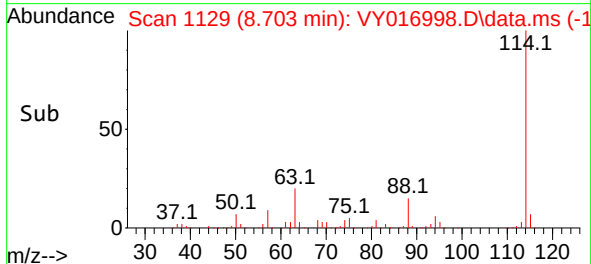
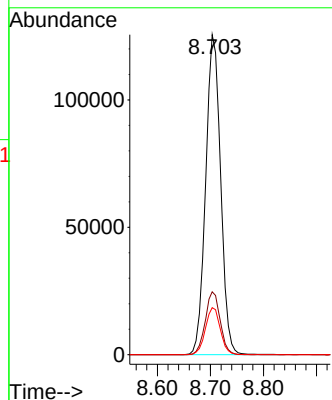
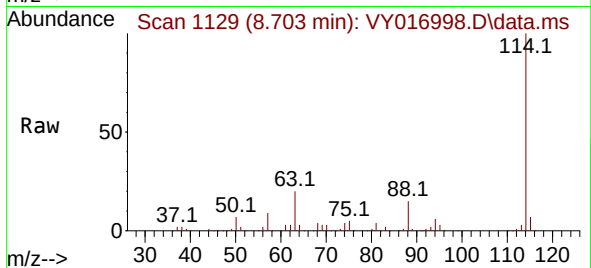
Tgt Ion:114 Resp: 245973

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.217 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016998.D

Acq: 12 Jan 2024 17:18

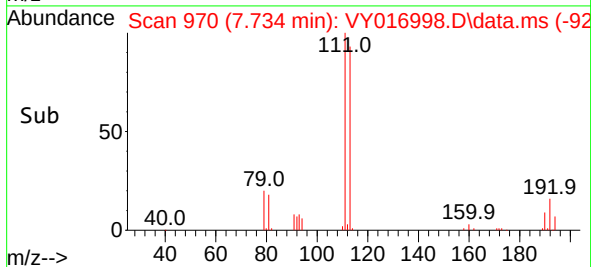
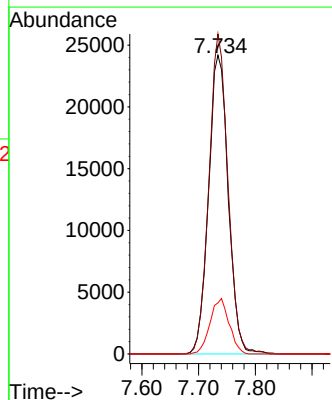
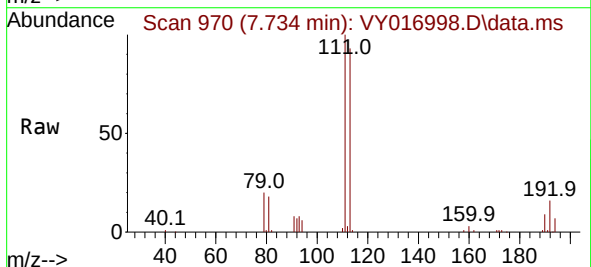
Tgt Ion:113 Resp: 58335

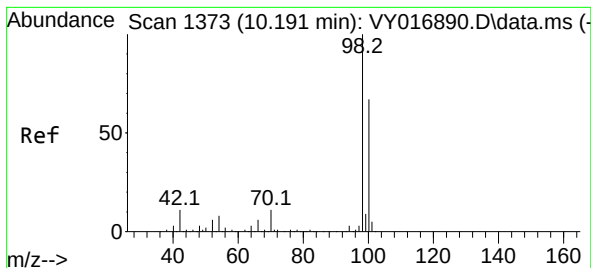
Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 18.0 14.5 21.7





#50

Toluene-d8

Concen: 40.206 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016998.D

Acq: 12 Jan 2024 17:18

Instrument :

MSVOA_Y

ClientSampleId :

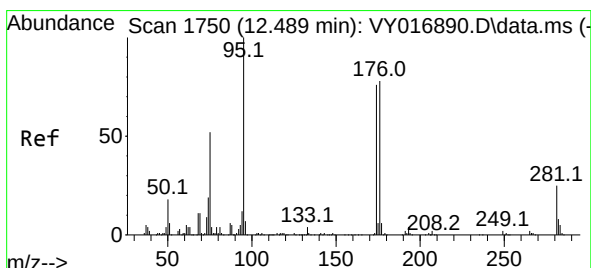
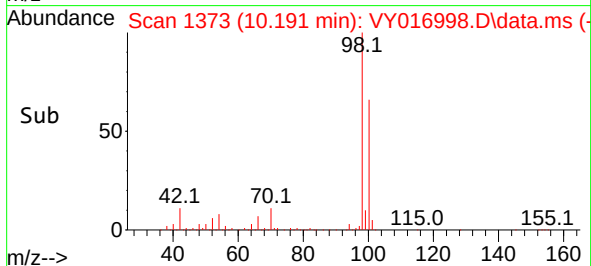
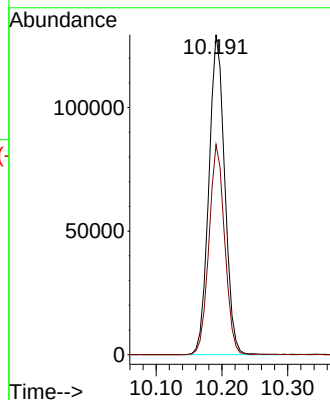
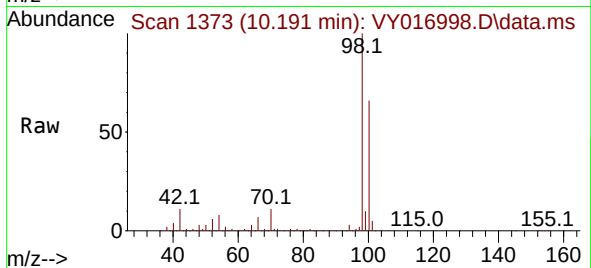
MH-J

Tgt Ion: 98 Resp: 217011

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 45.310 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016998.D

Acq: 12 Jan 2024 17:18

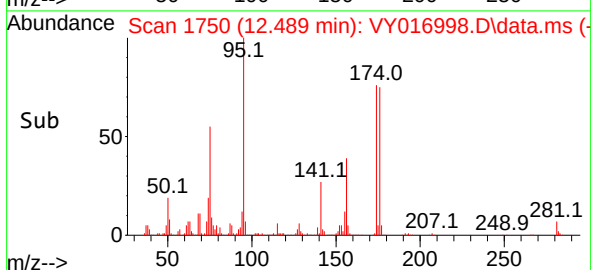
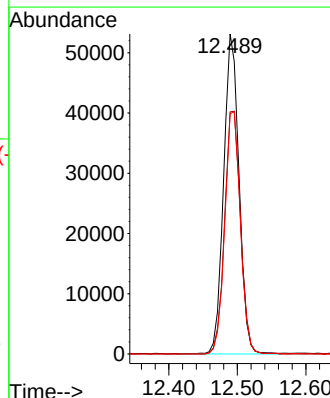
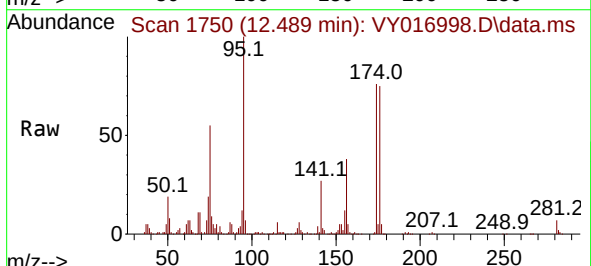
Tgt Ion: 95 Resp: 82511

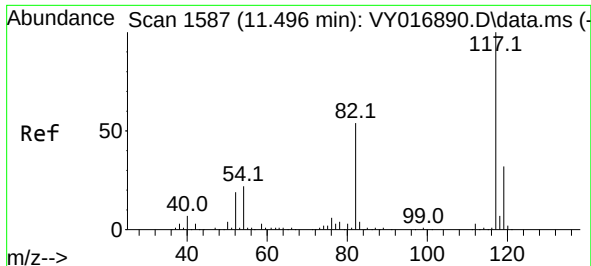
Ion Ratio Lower Upper

95 100

174 78.5 0.0 160.0

176 76.8 0.0 151.8

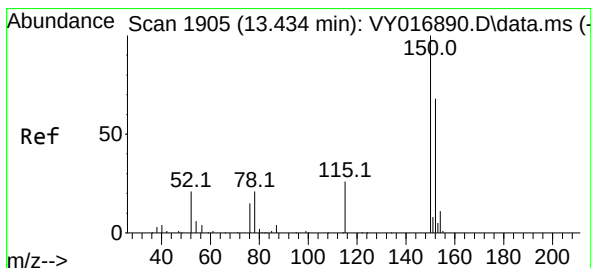
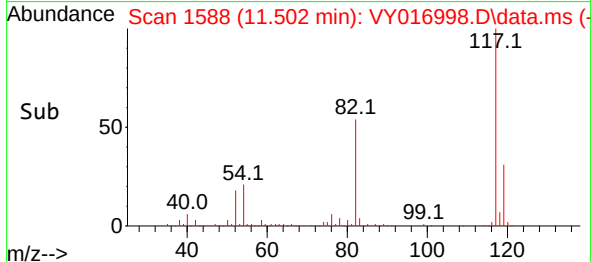
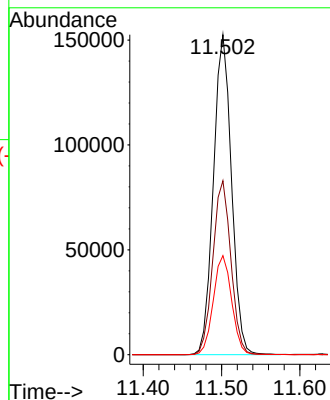
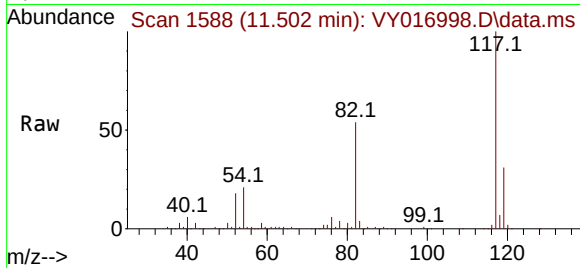




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016998.D
Acq: 12 Jan 2024 17:18

Instrument :
MSVOA_Y
ClientSampleId :
MH-J

Tgt Ion:117 Resp: 244462
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.8
119 31.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016998.D
Acq: 12 Jan 2024 17:18

Tgt Ion:152 Resp: 104845
Ion Ratio Lower Upper
152 100
115 59.3 30.0 90.0
150 157.4 0.0 344.6

