

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019112.D
 Acq On : 19 Aug 2024 13:12
 Operator : SY/MD
 Sample : P3615-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-081424

Quant Time: Aug 19 14:52:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	90131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	157061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	142236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	59552	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	46014	50.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.860%
35) Dibromofluoromethane	7.622	113	50159	48.842	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.680%
50) Toluene-d8	10.103	98	176020	47.629	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.260%
62) 4-Bromofluorobenzene	12.402	95	58147	46.154	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.300%

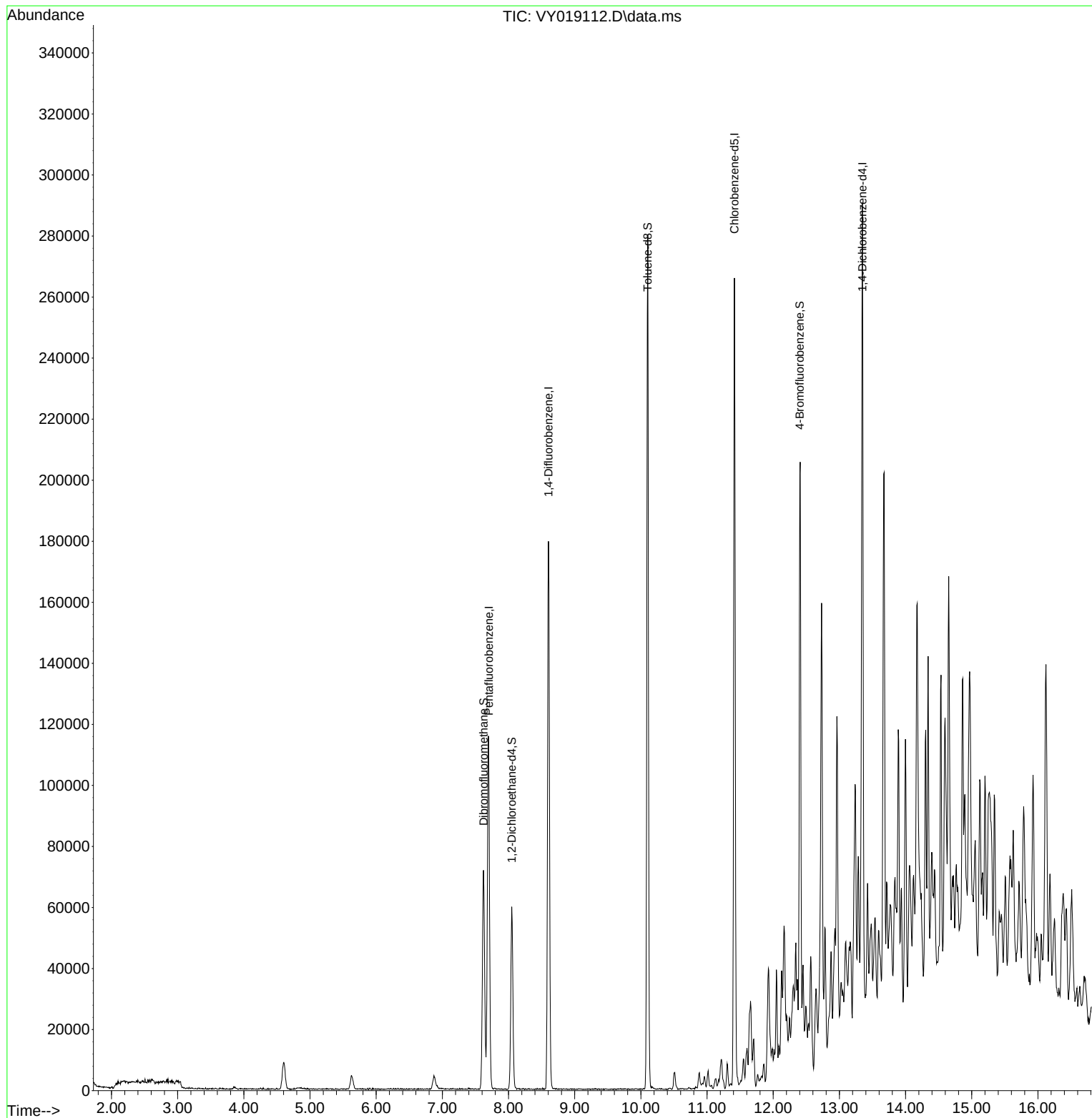
Target Compounds	Qvalue

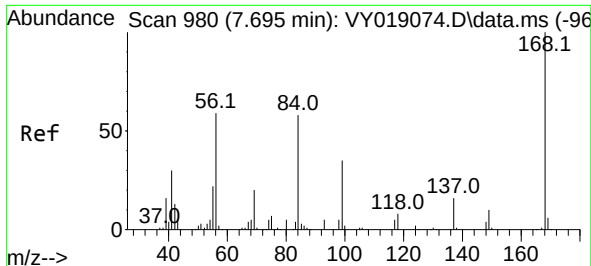
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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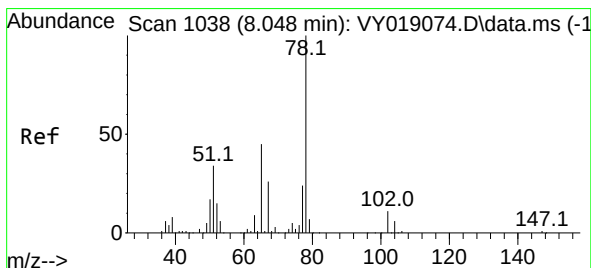
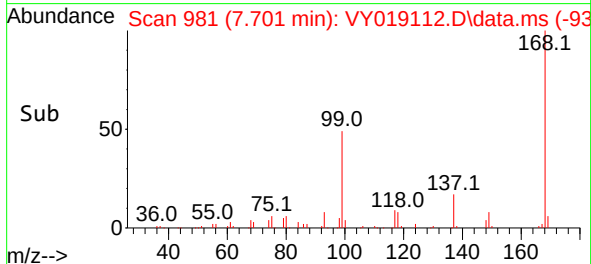
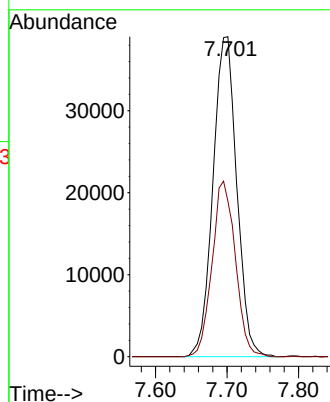
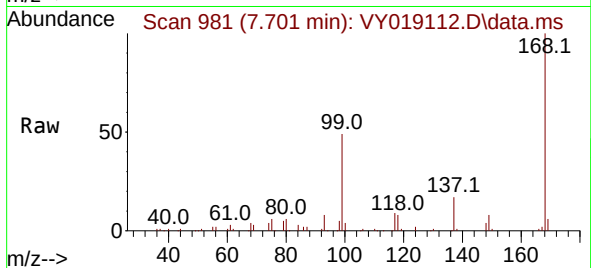




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

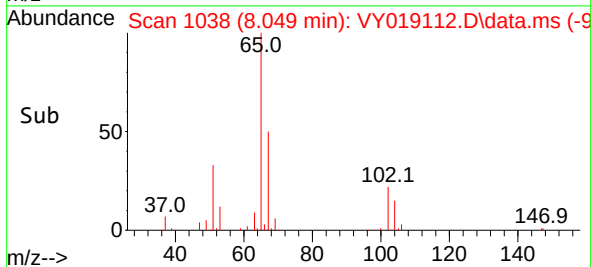
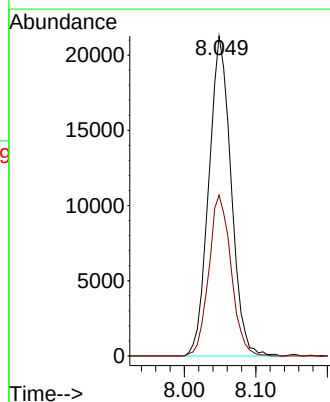
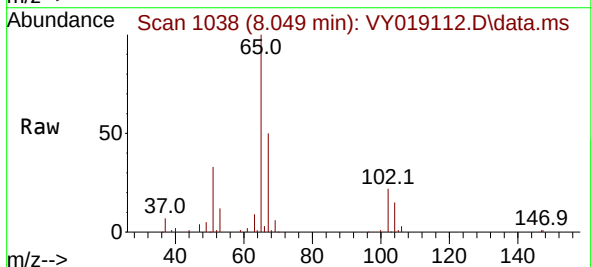
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-081424

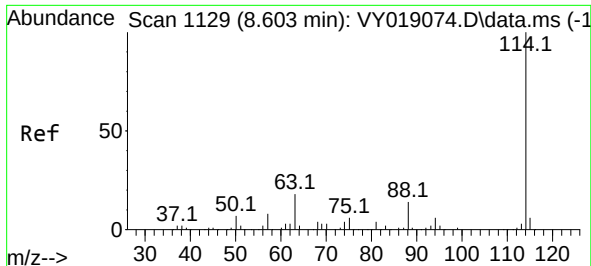
Tgt Ion:168 Resp: 90131
Ion Ratio Lower Upper
168 100
99 48.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.929 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

Tgt Ion: 65 Resp: 46014
Ion Ratio Lower Upper
65 100
67 50.3 0.0 109.6

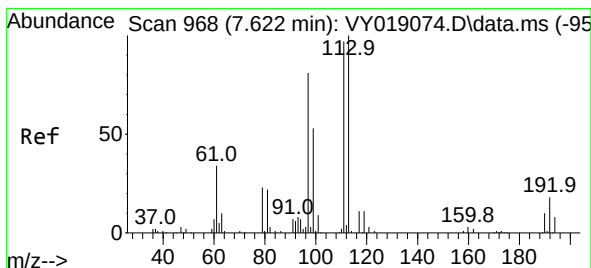
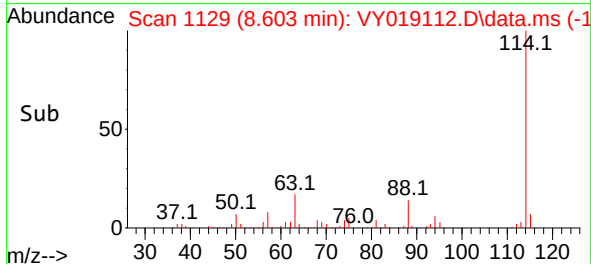
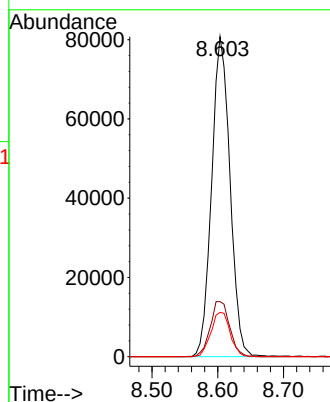
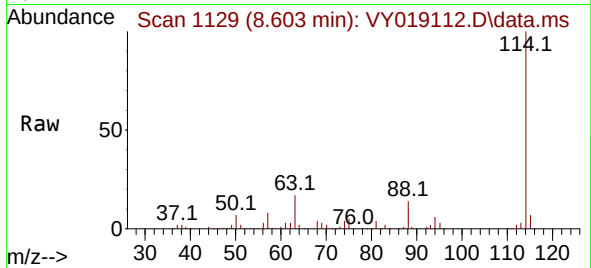




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

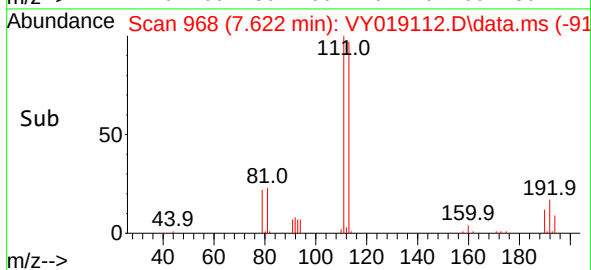
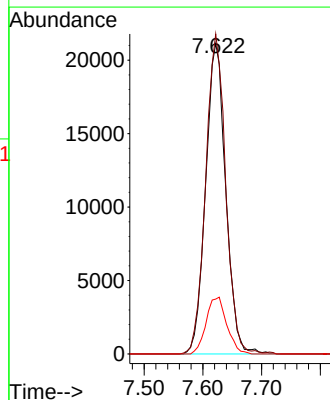
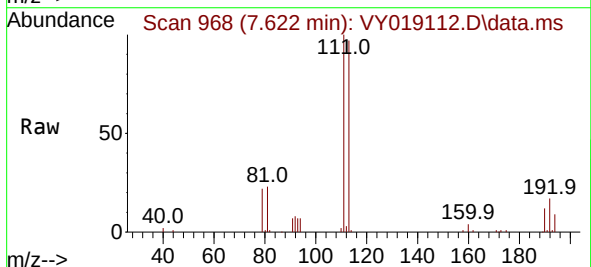
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-081424

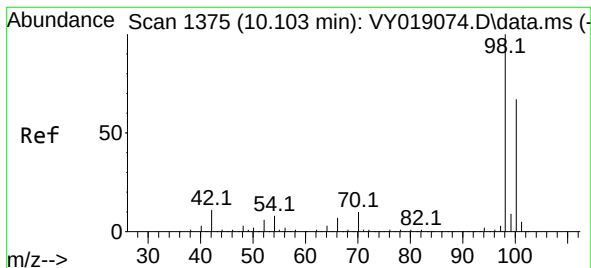
Tgt Ion:114 Resp: 157061
Ion Ratio Lower Upper
114 100
63 17.2 0.0 35.0
88 13.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.842 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

Tgt Ion:113 Resp: 50159
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 18.8 15.9 23.9





#50

Toluene-d8

Concen: 47.629 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019112.D

Acq: 19 Aug 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :

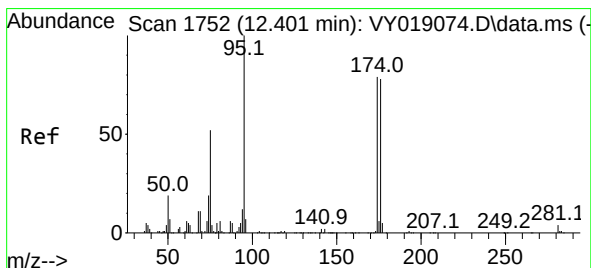
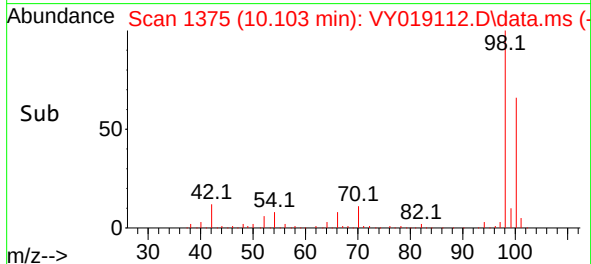
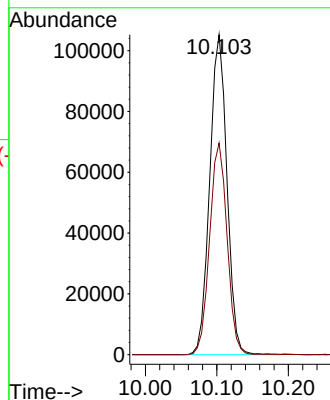
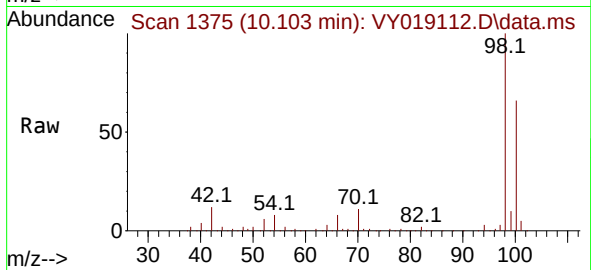
HR-01-081424

Tgt Ion: 98 Resp: 176020

Ion Ratio Lower Upper

98 100

100 66.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.154 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY019112.D

Acq: 19 Aug 2024 13:12

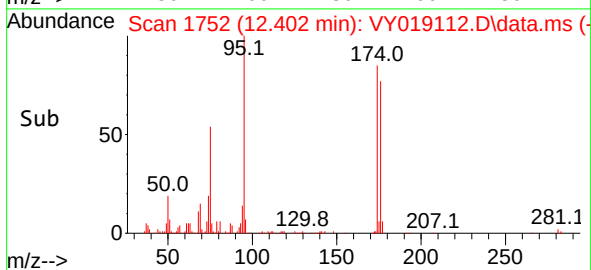
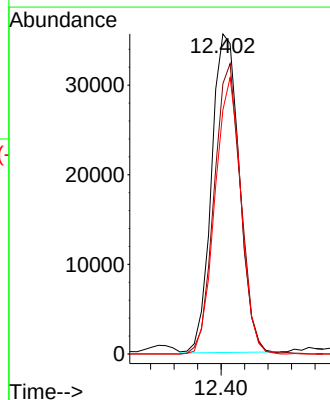
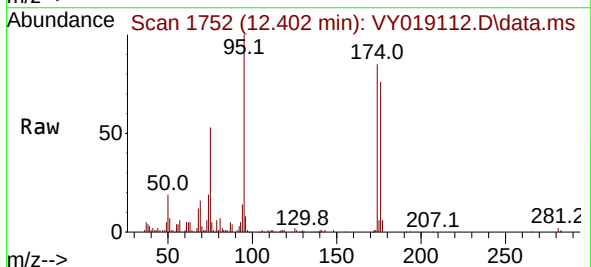
Tgt Ion: 95 Resp: 58147

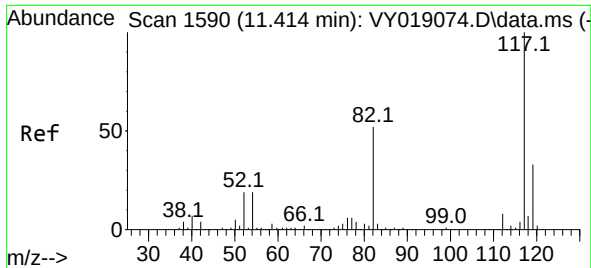
Ion Ratio Lower Upper

95 100

174 87.5 0.0 175.6

176 81.9 0.0 171.4

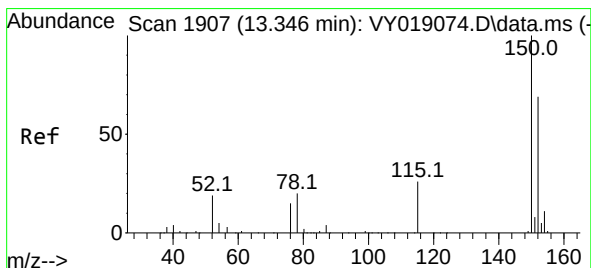
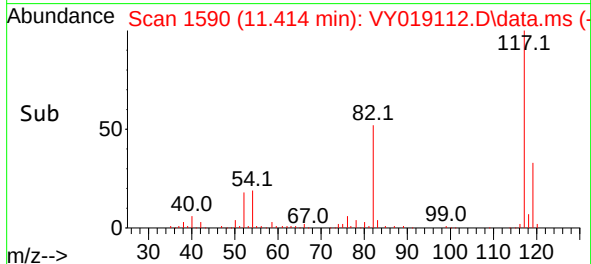
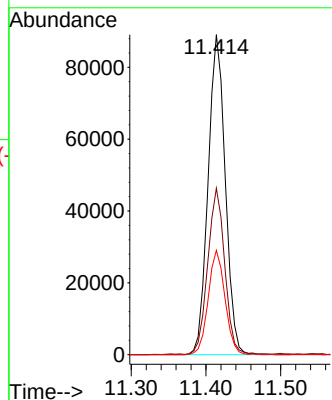
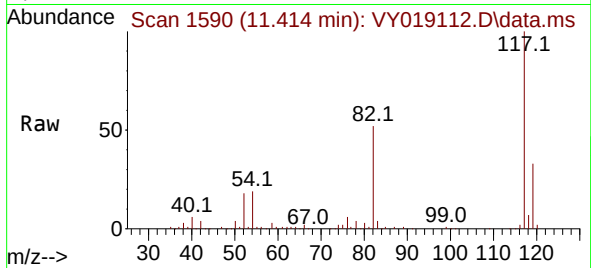




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-081424

Tgt Ion:117 Resp: 142236
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

Tgt Ion:152 Resp: 59552
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 157.3 0.0 345.6

