

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019039.D
 Acq On : 13 Aug 2024 19:12
 Operator : SY/MD
 Sample : P3548-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200036

Quant Time: Aug 14 01:41:39 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	62392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	105781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	95502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	40422	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	30283	55.281	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.560%
35) Dibromofluoromethane	7.622	113	33539	49.643	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.103	98	127072	48.967	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.940%
62) 4-Bromofluorobenzene	12.408	95	33054	42.933	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.860%

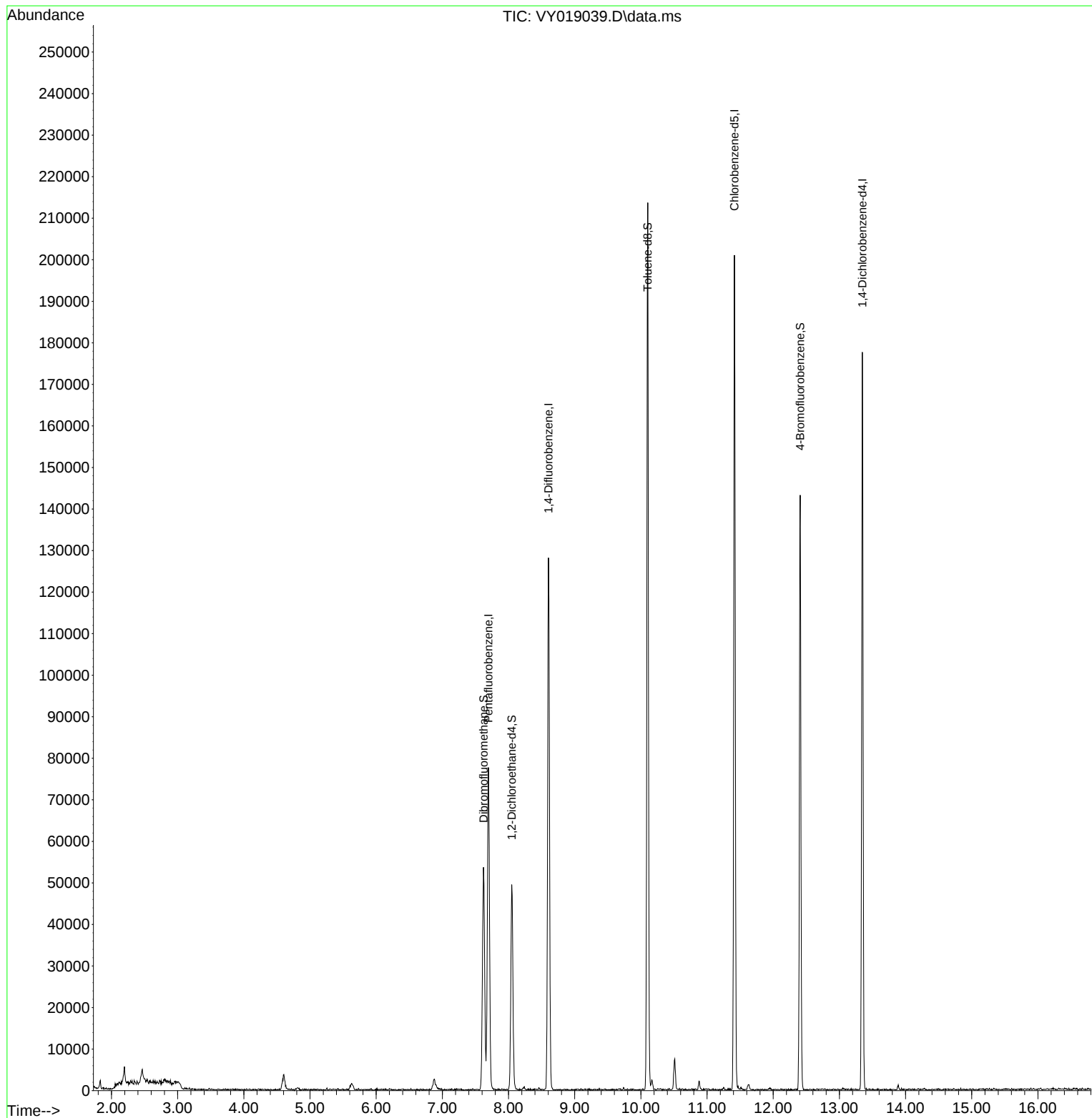
Target Compounds	Qvalue

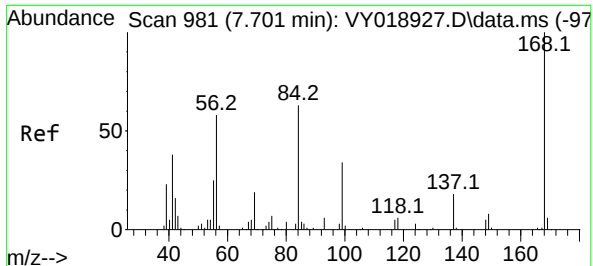
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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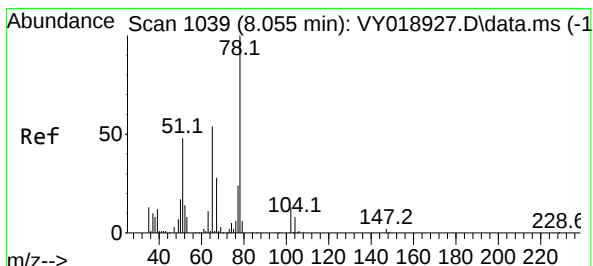
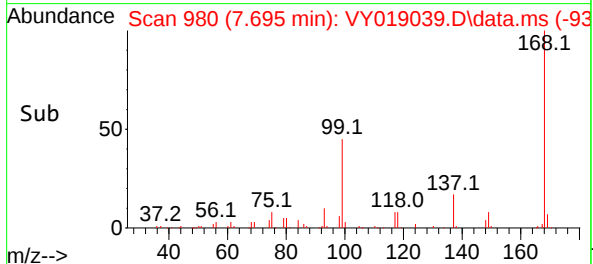
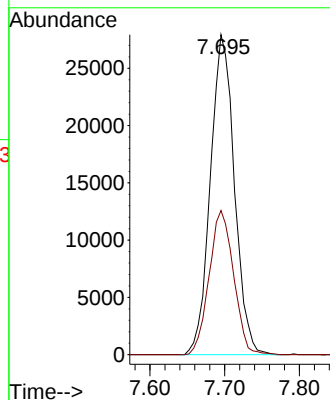
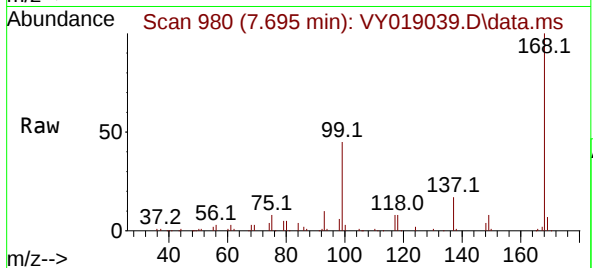




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019039.D
Acq: 13 Aug 2024 19:12

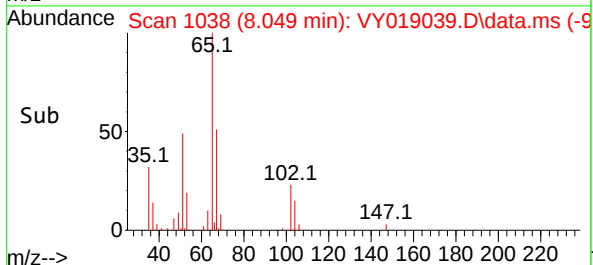
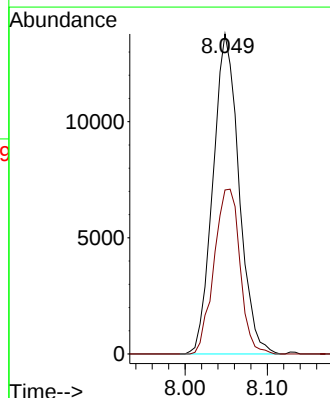
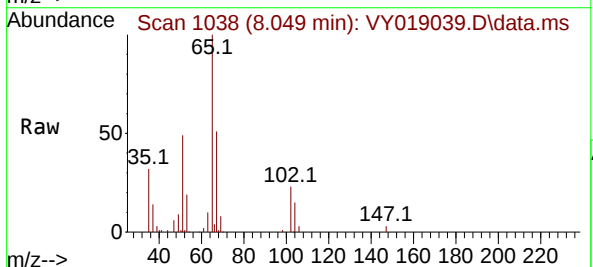
Instrument :
MSVOA_Y
ClientSampleId :
RBR200036

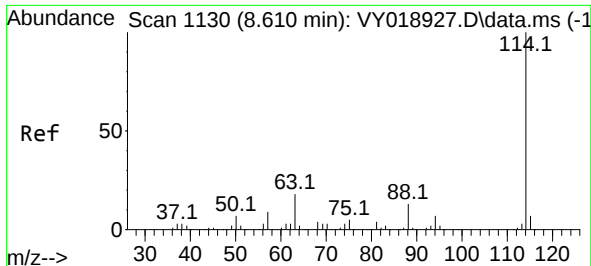
Tgt Ion:168 Resp: 62392
Ion Ratio Lower Upper
168 100
99 45.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 55.281 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019039.D
Acq: 13 Aug 2024 19:12

Tgt Ion: 65 Resp: 30283
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019039.D

Acq: 13 Aug 2024 19:12

Instrument :

MSVOA_Y

ClientSampleId :

RBR200036

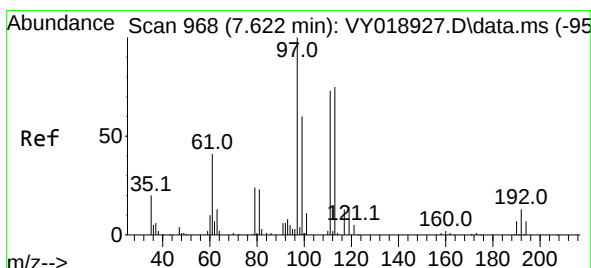
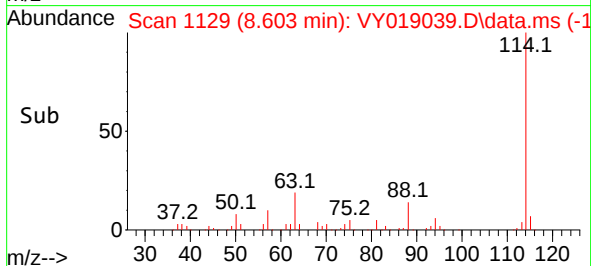
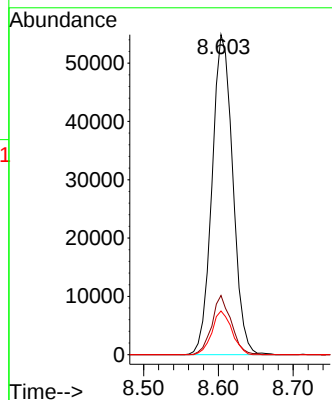
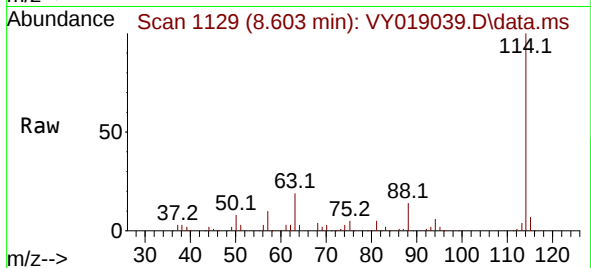
Tgt Ion:114 Resp: 105781

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.643 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019039.D

Acq: 13 Aug 2024 19:12

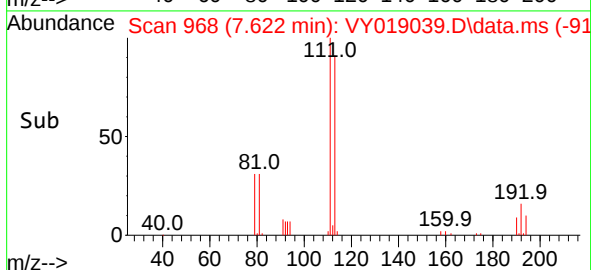
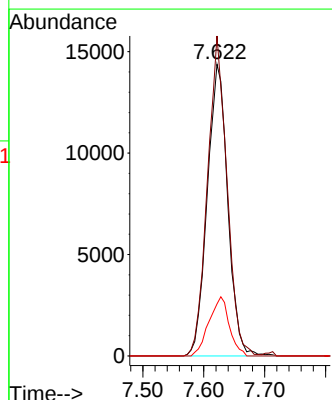
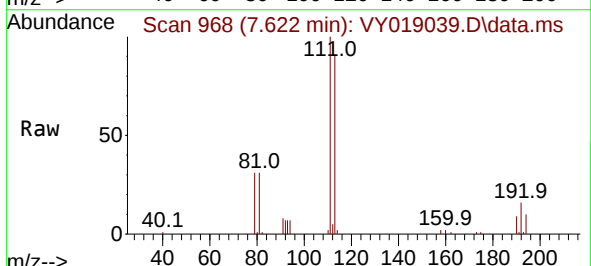
Tgt Ion:113 Resp: 33539

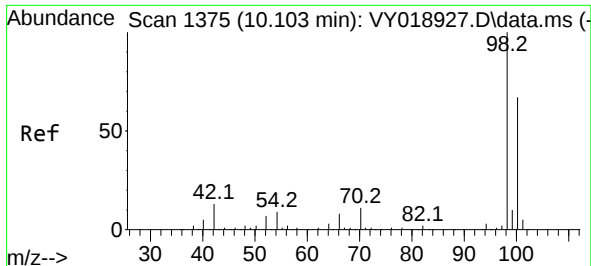
Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.4

192 20.2 15.9 23.9

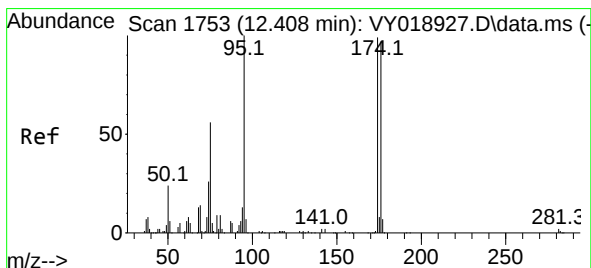
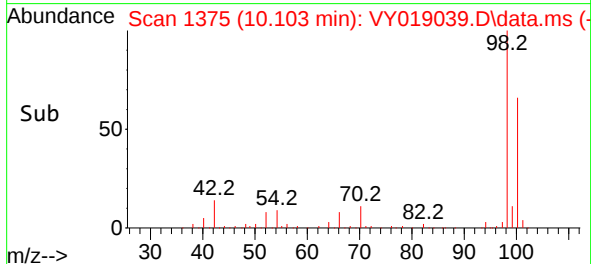
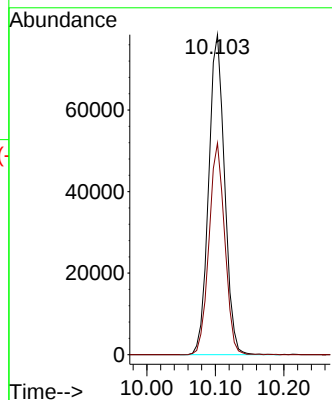
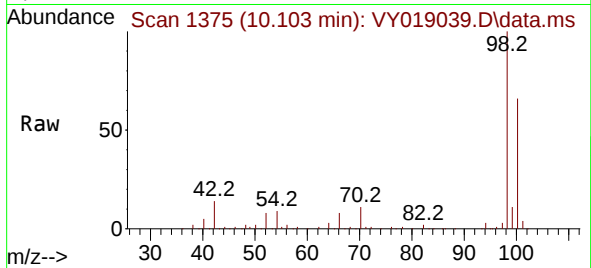




#50
Toluene-d8
Concen: 48.967 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019039.D
Acq: 13 Aug 2024 19:12

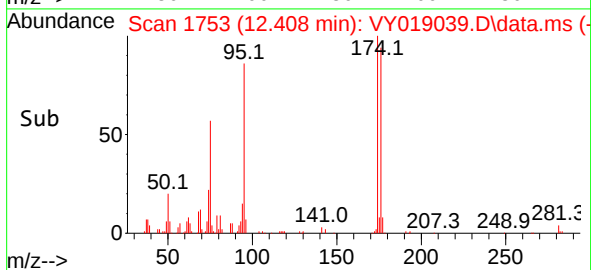
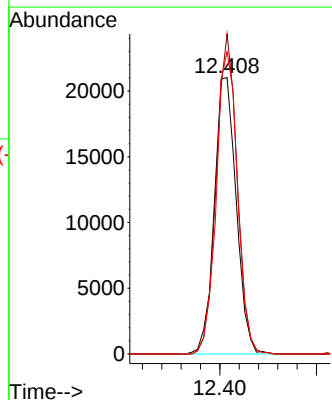
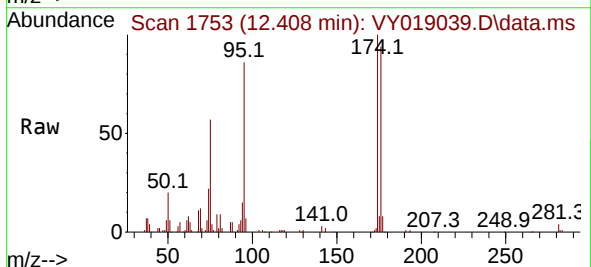
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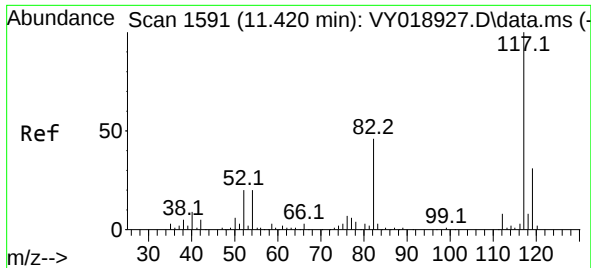
Tgt Ion: 98 Resp: 127072
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.933 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019039.D
Acq: 13 Aug 2024 19:12

Tgt Ion: 95 Resp: 33054
Ion Ratio Lower Upper
95 100
174 109.2 0.0 175.6
176 106.2 0.0 171.4

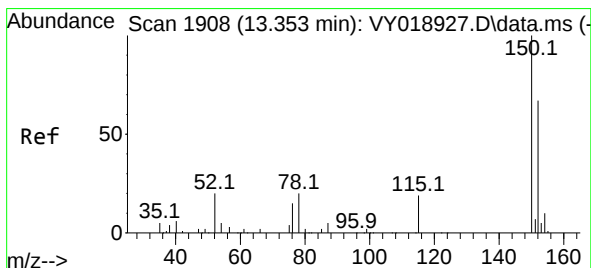
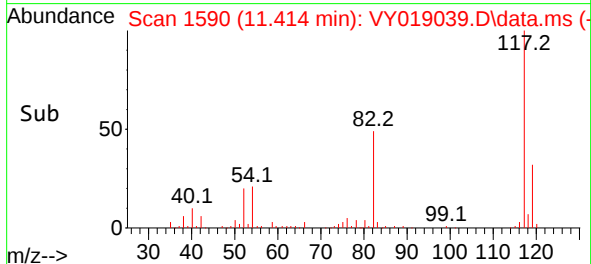
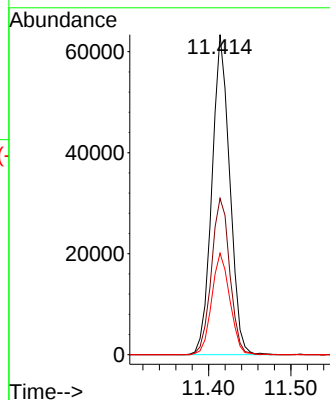
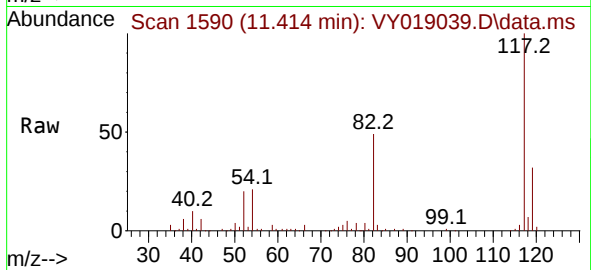




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019039.D
Acq: 13 Aug 2024 19:12

Instrument :
MSVOA_Y
ClientSampleId :
RBR200036

Tgt Ion:117 Resp: 95502
Ion Ratio Lower Upper
117 100
82 48.8 42.4 63.6
119 31.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY019039.D
Acq: 13 Aug 2024 19:12

Tgt Ion:152 Resp: 40422
Ion Ratio Lower Upper
152 100
115 52.0 28.2 84.7
150 154.9 0.0 345.6

