

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
 Data File : VY004355.D
 Acq On : 09 Apr 2021 14:12
 Operator : SY/MD
 Sample : M1975-01
 Misc : 5.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-200032

Quant Time: Apr 10 02:02:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	167665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	291870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	261242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106260	65.93	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.86%
35) Dibromofluoromethane	7.728	113	90108	55.41	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.82%
50) Toluene-d8	10.185	98	355623	58.14	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.28%
62) 4-Bromofluorobenzene	12.483	95	111827	53.34	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.68%

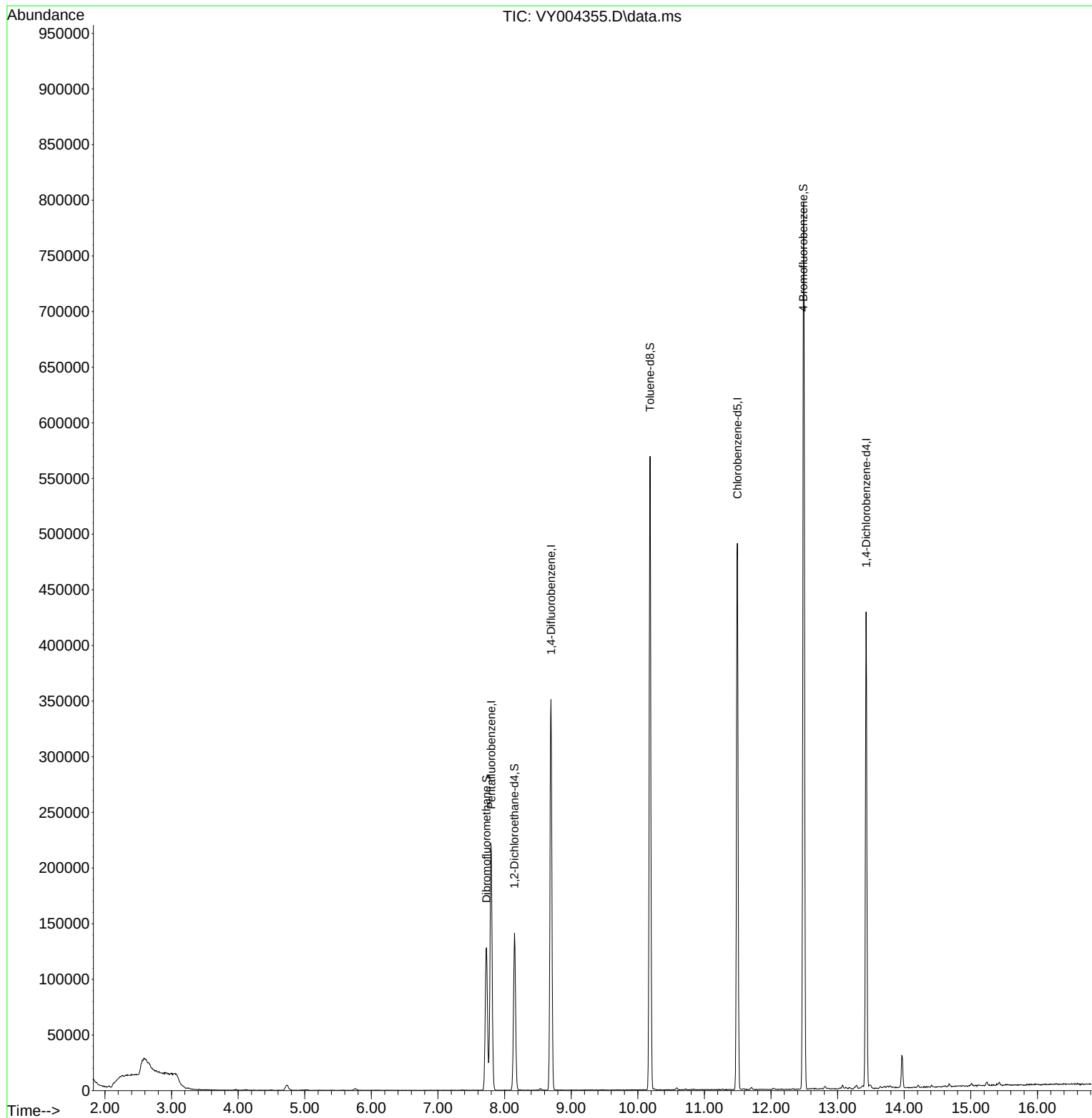
Target Compounds	Qvalue

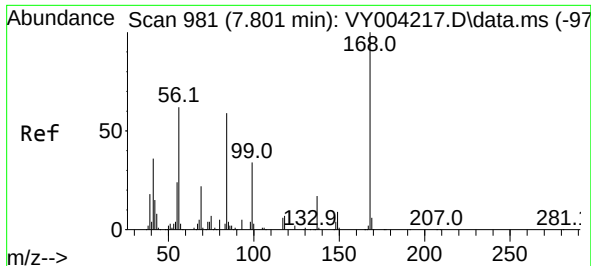
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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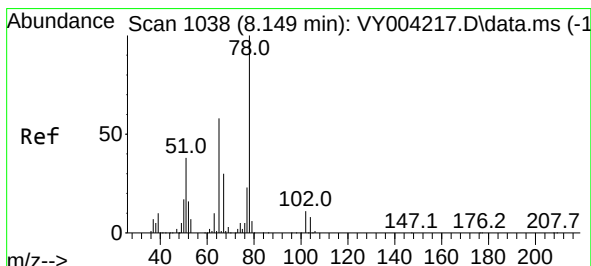
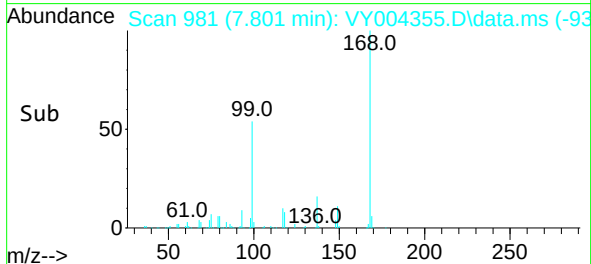
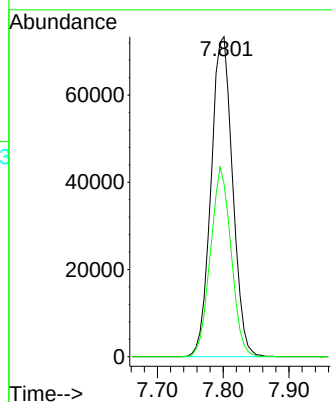
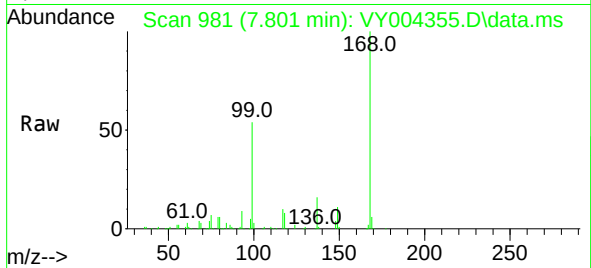




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

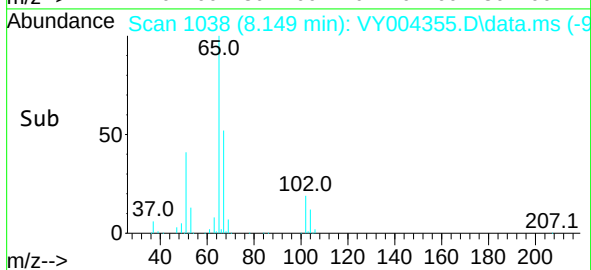
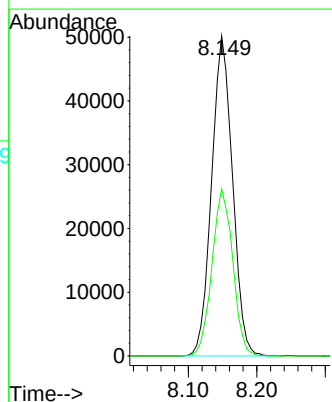
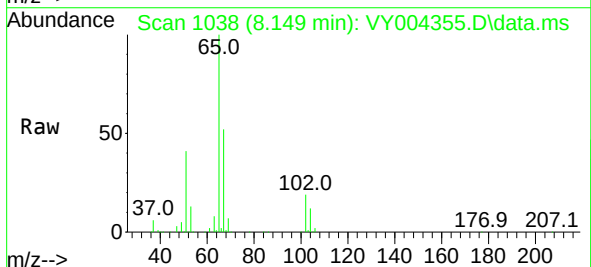
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200032

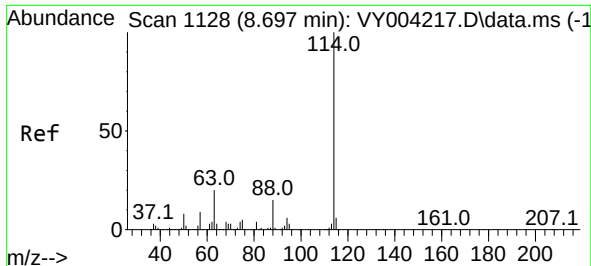
Tgt Ion:168 Resp: 167665
Ion Ratio Lower Upper
168 100
99 54.1 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 65.93 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

Tgt Ion: 65 Resp: 106260
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.2

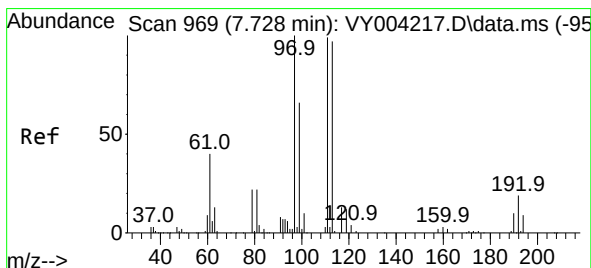
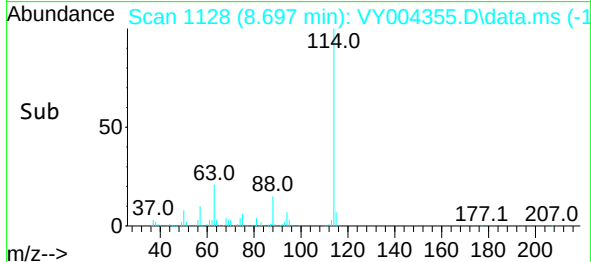
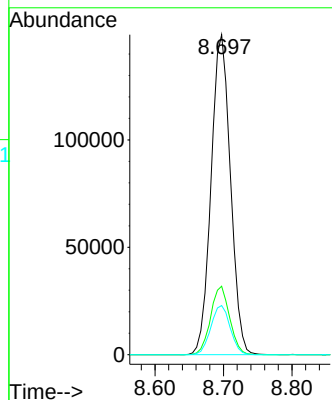
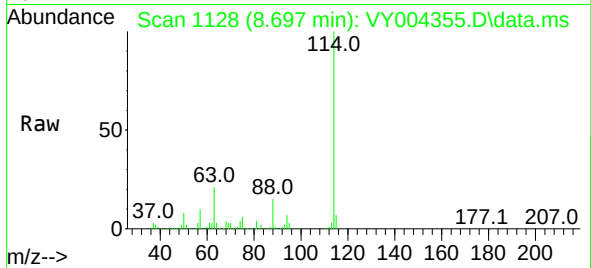




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

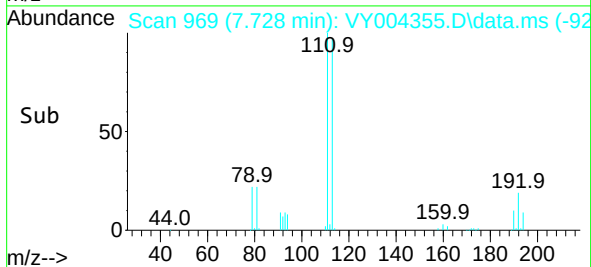
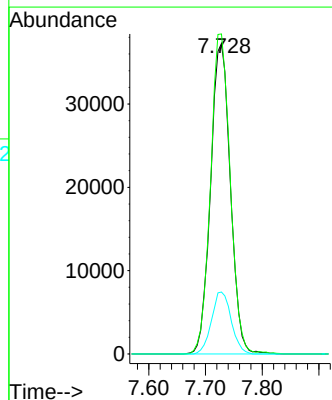
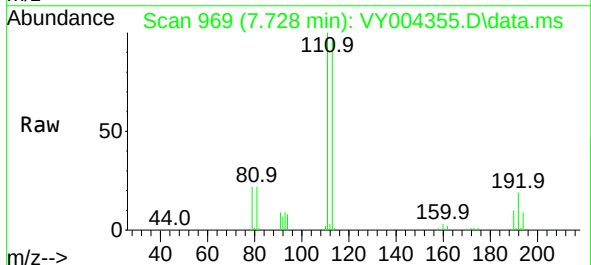
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200032

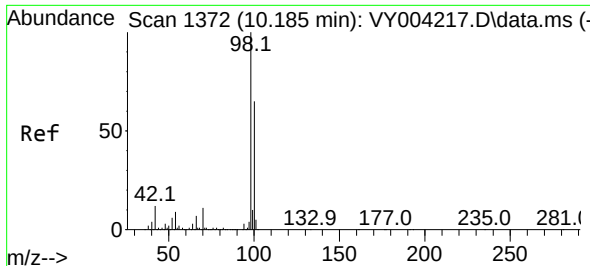
Tgt Ion:	114	Resp:	291870
Ion Ratio	Lower	Upper	
114	100		
63	21.4	0.0	40.4
88	15.3	0.0	30.8



#35
Dibromofluoromethane
Concen: 55.41 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

Tgt Ion:	113	Resp:	90108
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.6	124.0
192	19.9	16.4	24.6

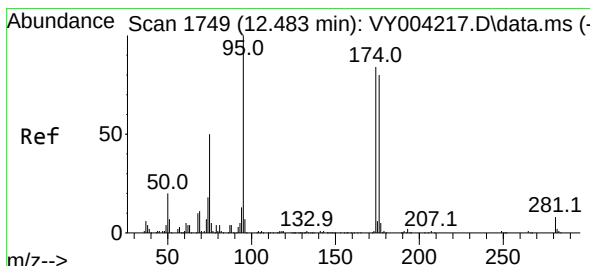
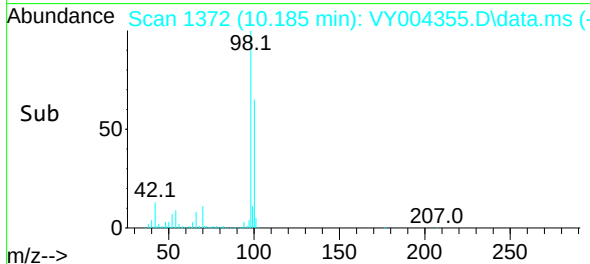
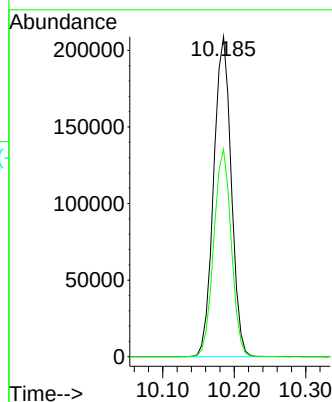
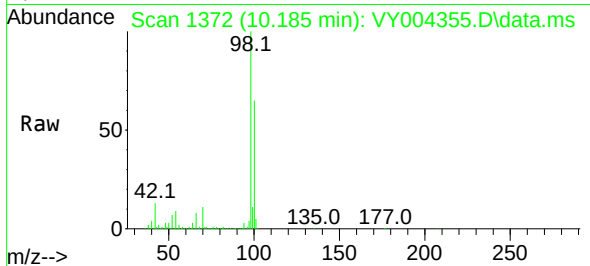




#50
Toluene-d8
Concen: 58.14 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

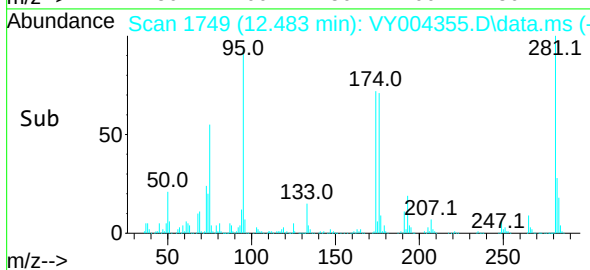
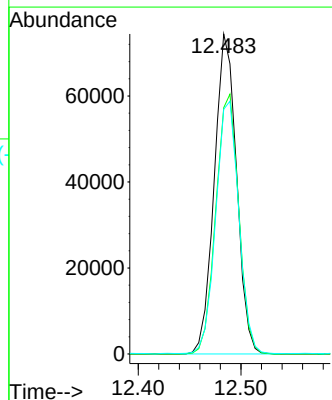
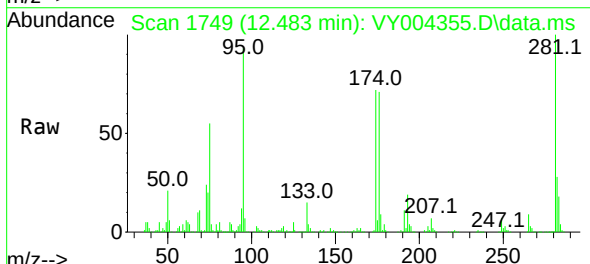
Instrument :
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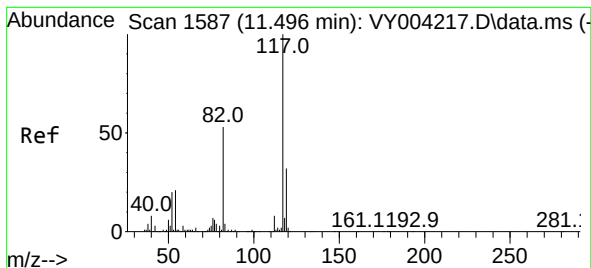
Tgt Ion: 98 Resp: 355623
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 53.34 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

Tgt Ion: 95 Resp: 111827
Ion Ratio Lower Upper
95 100
174 83.3 0.0 171.4
176 81.5 0.0 165.6

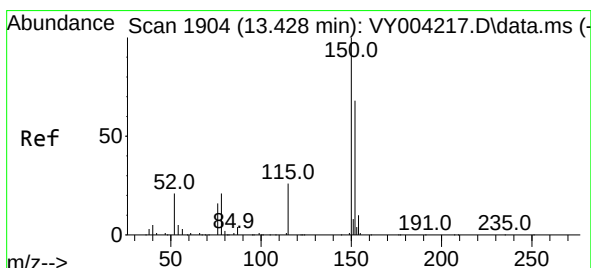
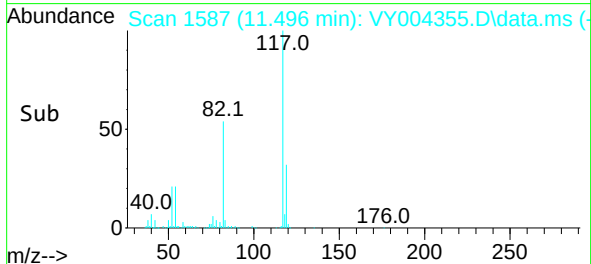
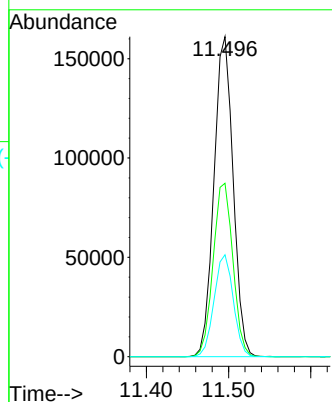
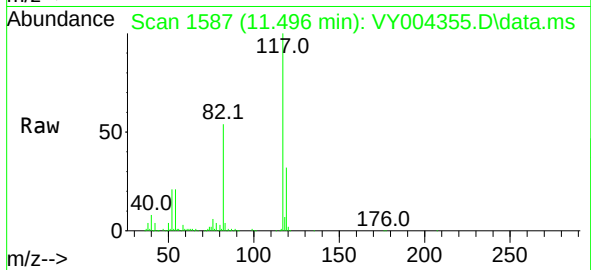




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

Instrument :
MSVOA_Y
ClientSampleId :
RBR-200032

Tgt Ion:117 Resp: 261242
Ion Ratio Lower Upper
117 100
82 54.2 42.7 64.1
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

Tgt Ion:152 Resp: 103110
Ion Ratio Lower Upper
152 100
115 58.8 29.0 87.1
150 158.2 0.0 347.4

