

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032321\
 Data File : VY004171.D
 Acq On : 23 Mar 2021 12:16
 Operator : SY/MD
 Sample : M1765-01
 Misc : 5.83g/5mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-07

Quant Time: Mar 24 01:18:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	204136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	343144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	326576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163342	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	113405	56.29	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.58%
35) Dibromofluoromethane	7.734	113	105332	54.43	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.86%
50) Toluene-d8	10.185	98	408392	53.83	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.66%
62) 4-Bromofluorobenzene	12.483	95	149764	53.45	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.90%

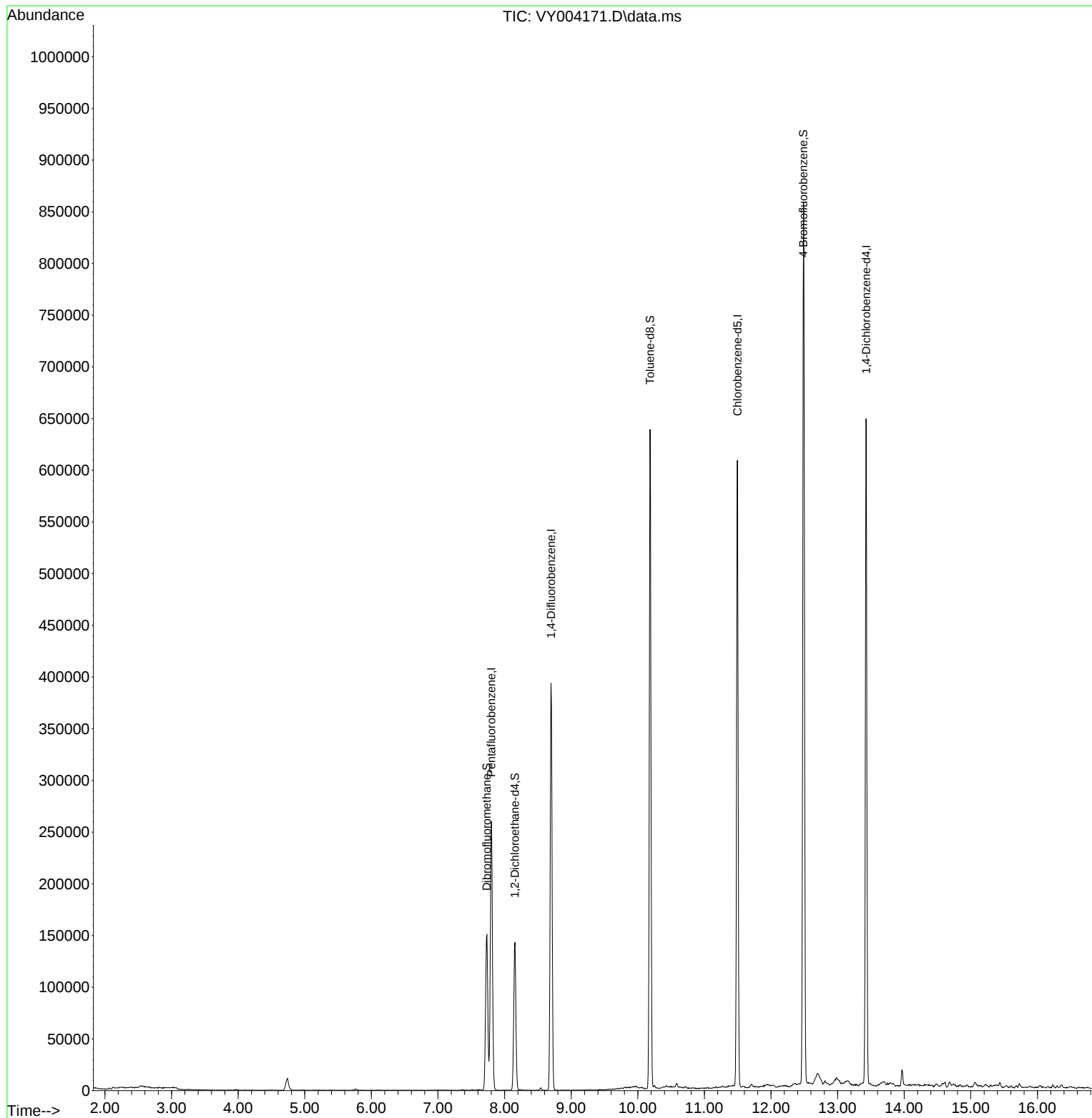
Target Compounds	Qvalue

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

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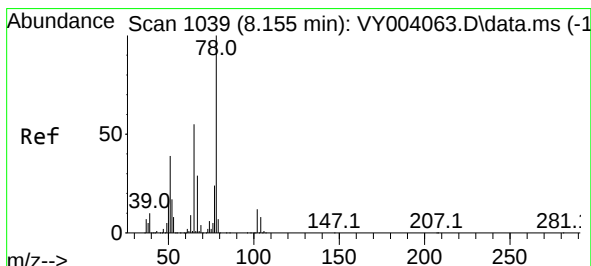
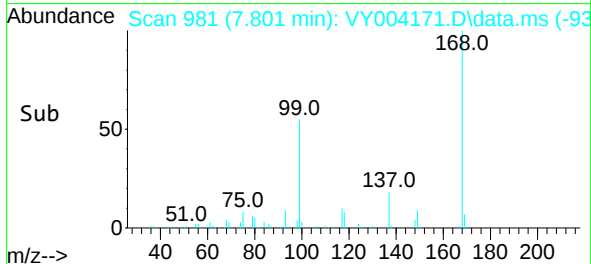
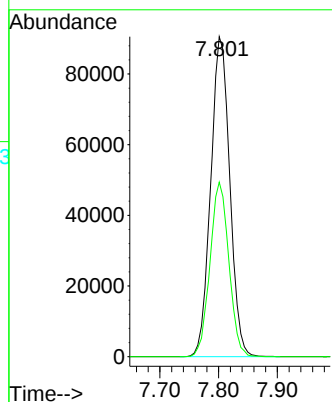
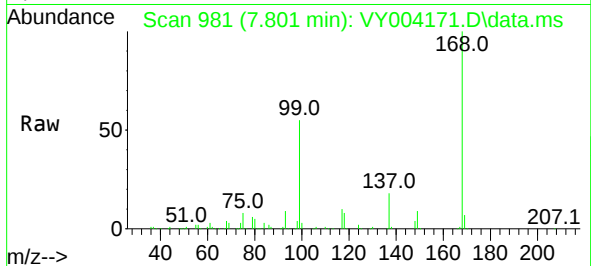




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

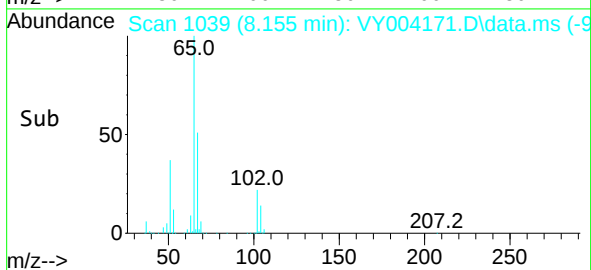
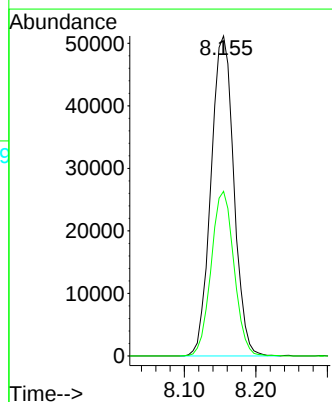
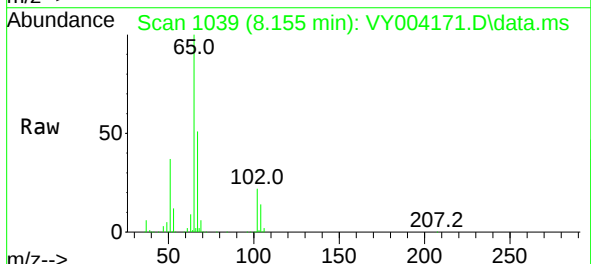
Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

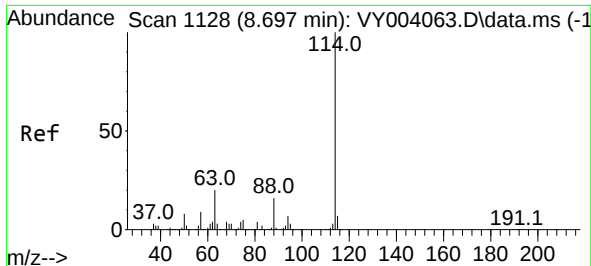
Tgt Ion:168 Resp: 204136
Ion Ratio Lower Upper
168 100
99 54.5 41.2 61.8



#33
1,2-Dichloroethane-d4
Concen: 56.29 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

Tgt Ion: 65 Resp: 113405
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004171.D

Acq: 23 Mar 2021 12:16

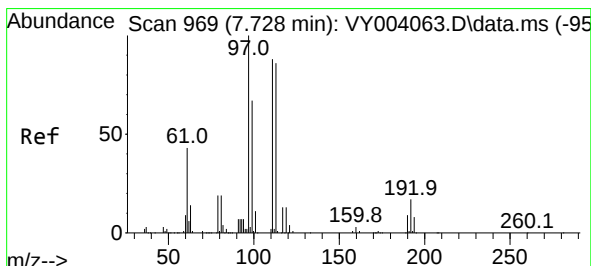
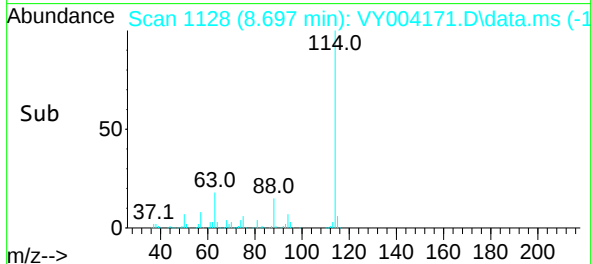
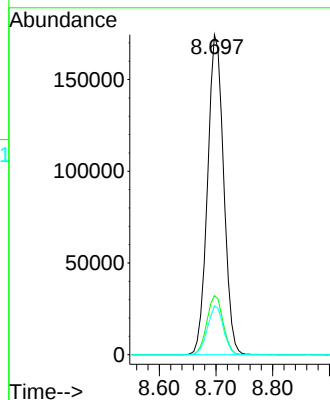
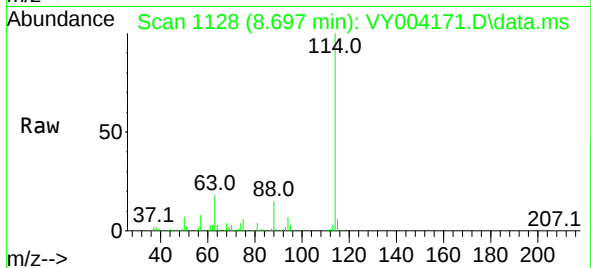
Tgt Ion:114 Resp: 343144

Ion Ratio Lower Upper

114 100

63 18.4 0.0 41.6

88 15.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.43 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY004171.D

Acq: 23 Mar 2021 12:16

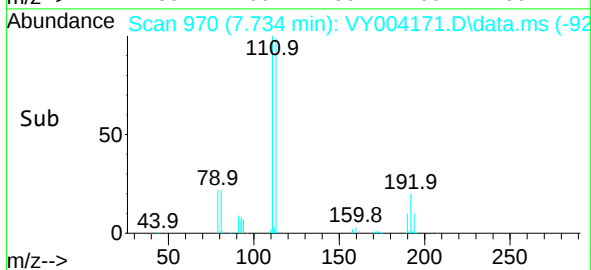
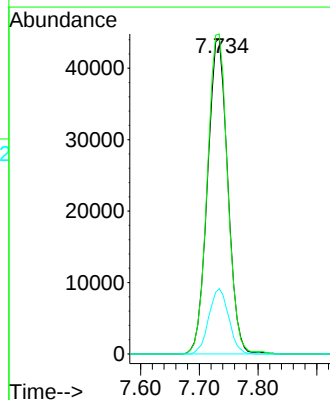
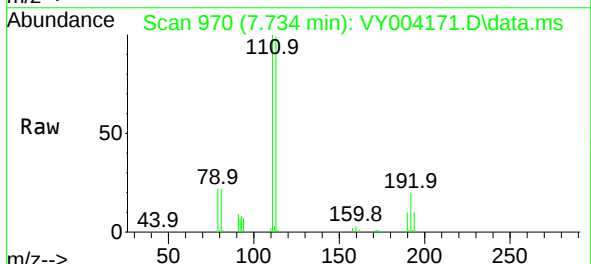
Tgt Ion:113 Resp: 105332

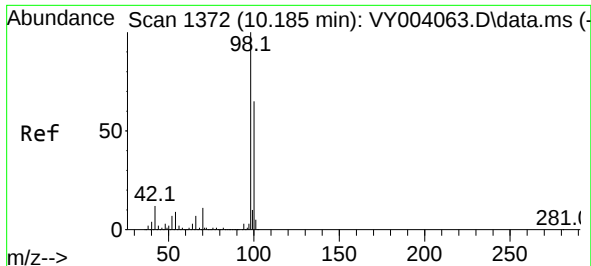
Ion Ratio Lower Upper

113 100

111 102.1 83.2 124.8

192 20.4 18.5 27.7

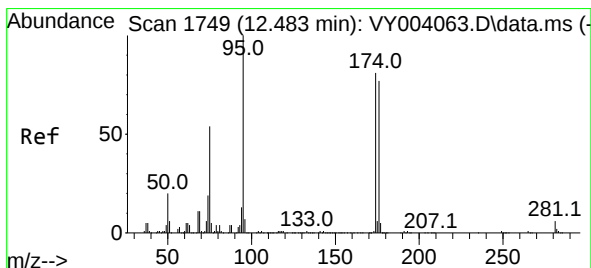
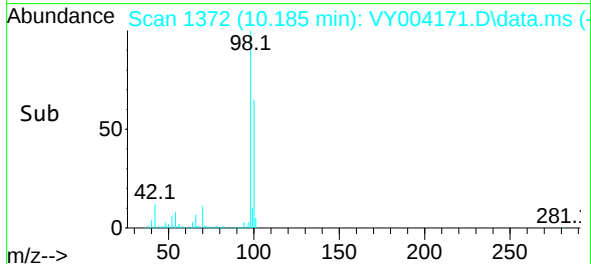
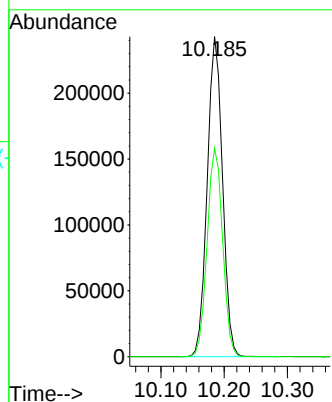
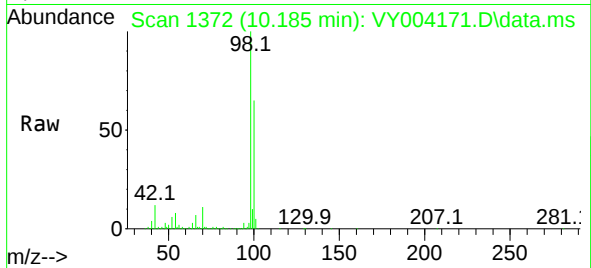




#50
Toluene-d8
Concen: 53.83 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

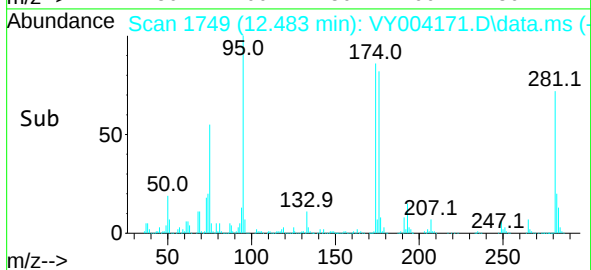
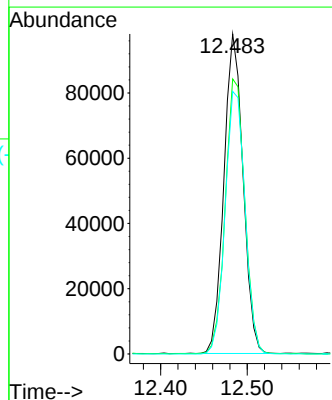
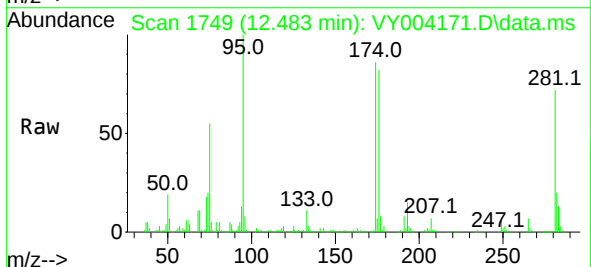
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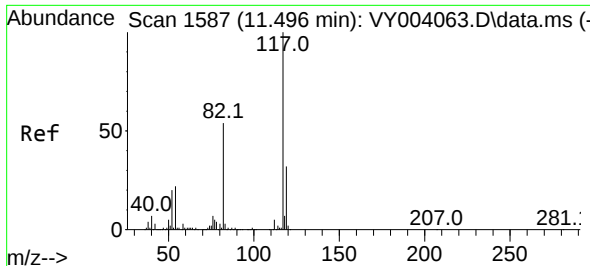
Tgt Ion: 98 Resp: 408392
Ion Ratio Lower Upper
98 100
100 66.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.45 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

Tgt Ion: 95 Resp: 149764
Ion Ratio Lower Upper
95 100
174 88.1 0.0 179.0
176 85.6 0.0 174.4

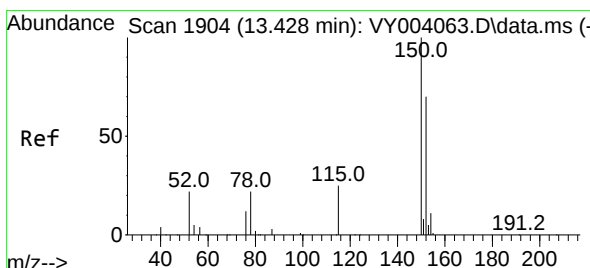
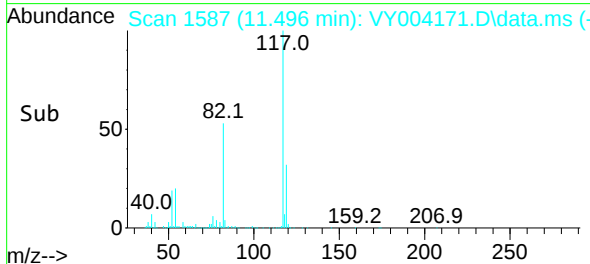
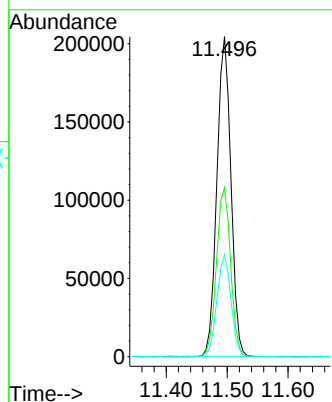
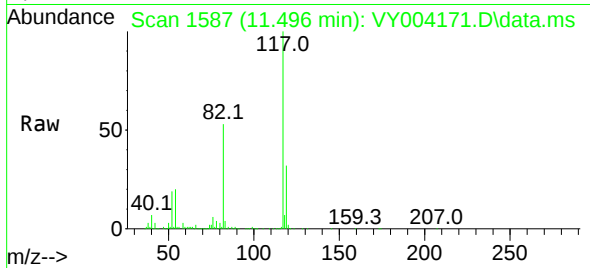




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

Tgt Ion:117 Resp: 326576
Ion Ratio Lower Upper
117 100
82 52.8 43.8 65.6
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004171.D
Acq: 23 Mar 2021 12:16

Tgt Ion:152 Resp: 163342
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.6
150 156.7 0.0 347.2

