

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
 Data File : VY007209.D
 Acq On : 18 Jan 2022 14:32
 Operator : SY/MD
 Sample : N1164-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-251686

Quant Time: Jan 19 00:32:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	49813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	80729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	59723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	20086	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	21800	35.667	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.340%
35) Dibromofluoromethane	7.722	113	23460	42.977	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.960%
50) Toluene-d8	10.185	98	93058	46.655	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.300%
62) 4-Bromofluorobenzene	12.483	95	25037	35.288	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.580%

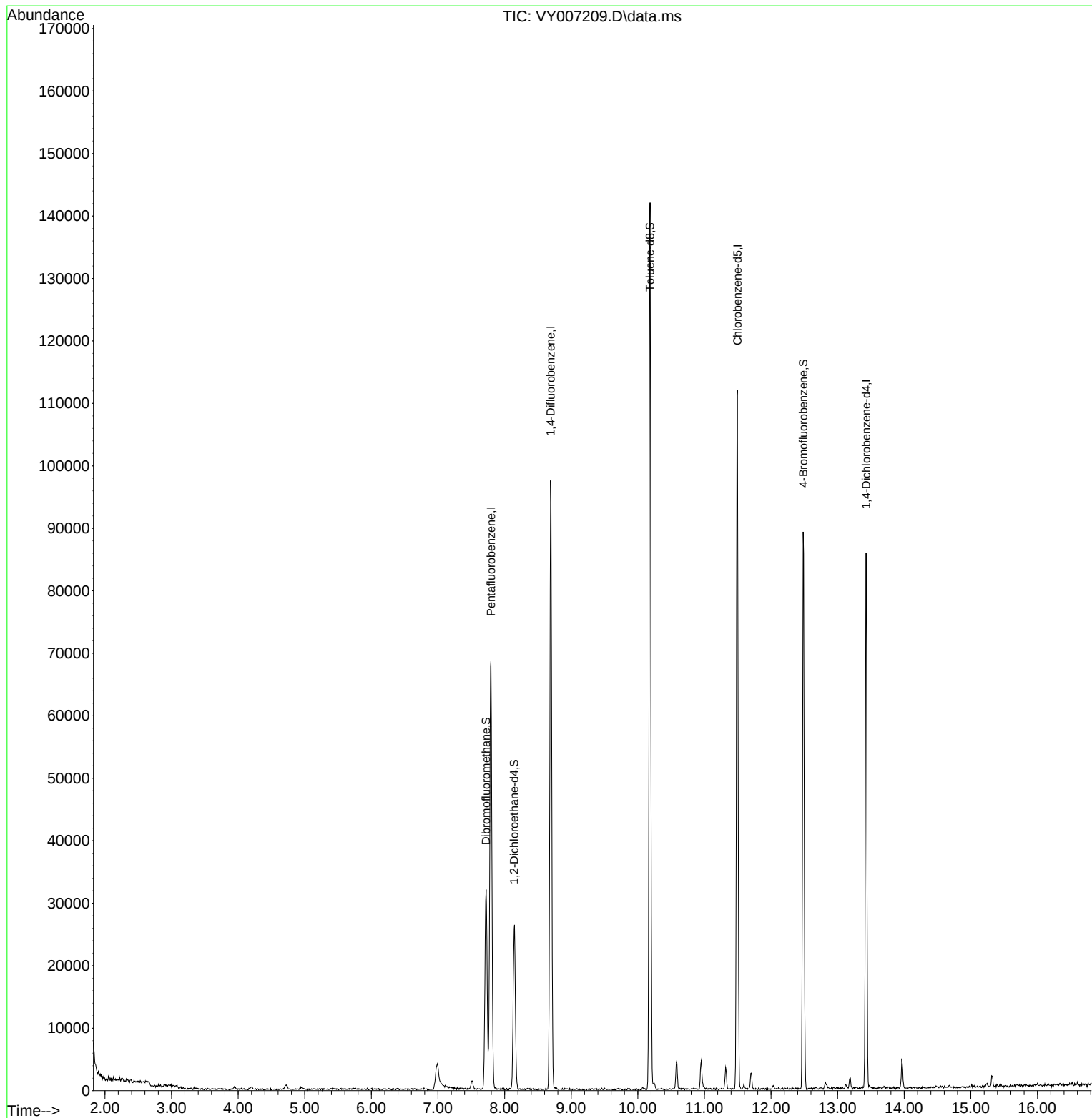
Target Compounds	Qvalue

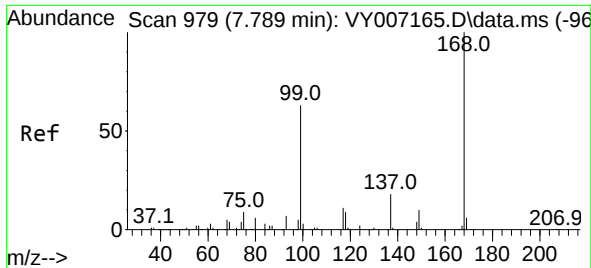
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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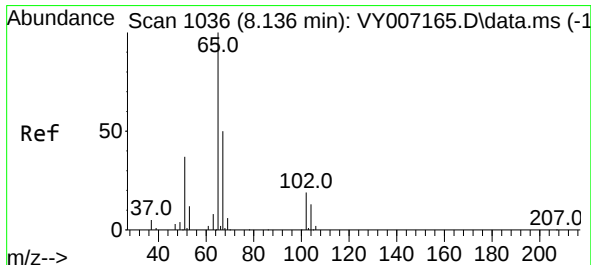
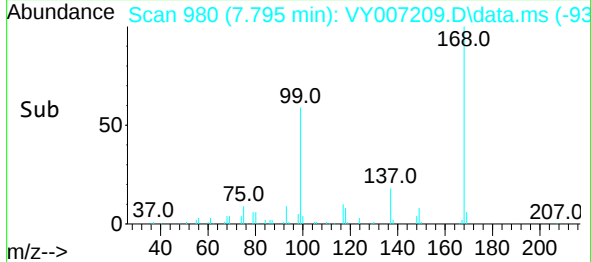
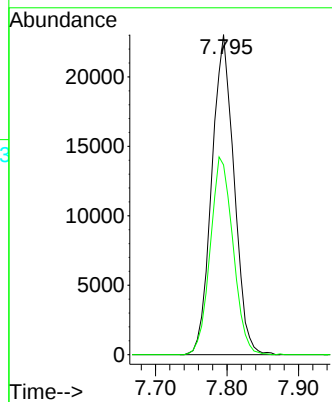
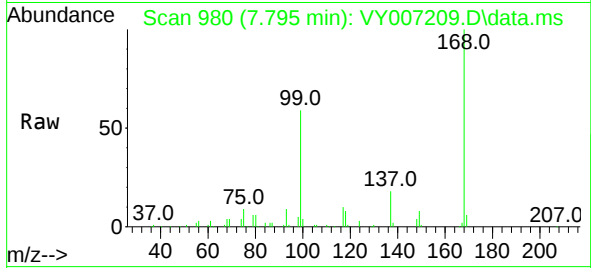




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007209.D
Acq: 18 Jan 2022 14:32

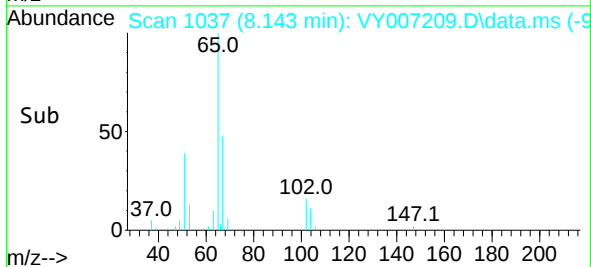
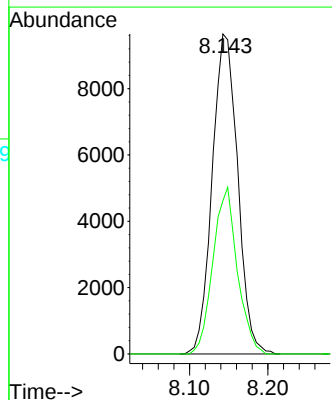
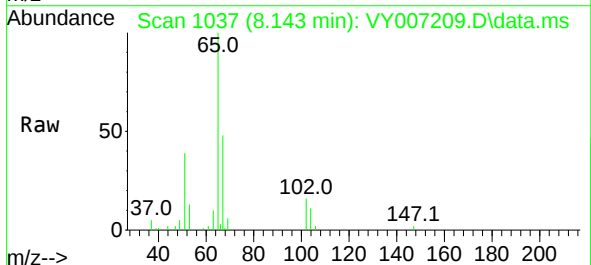
Instrument :
MSVOA_Y
ClientSampleId :
RBR-251686

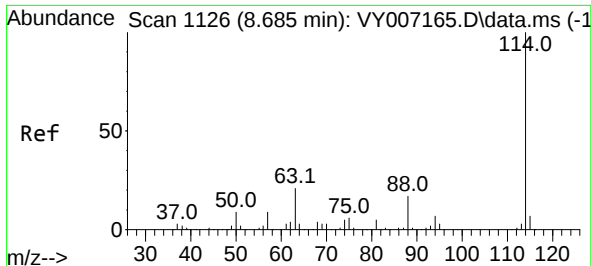
Tgt Ion:168 Resp: 49813
Ion Ratio Lower Upper
168 100
99 59.3 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 35.667 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007209.D
Acq: 18 Jan 2022 14:32

Tgt Ion: 65 Resp: 21800
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.6

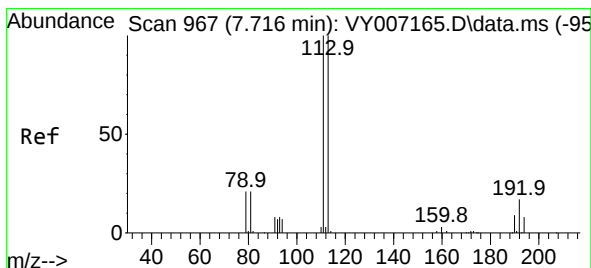
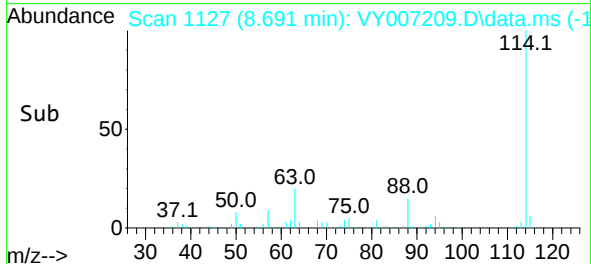
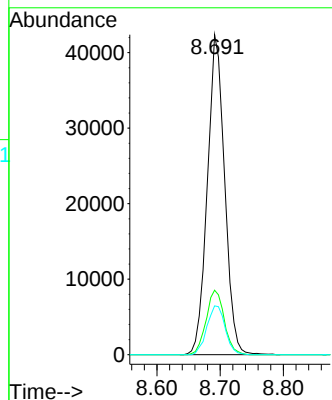
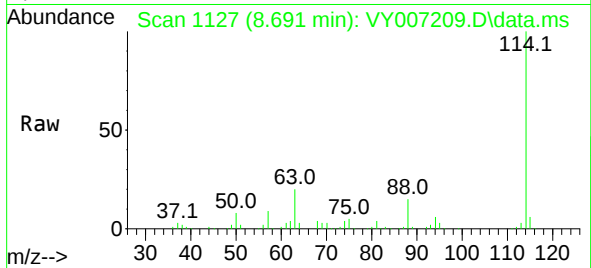




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007209.D
Acq: 18 Jan 2022 14:32

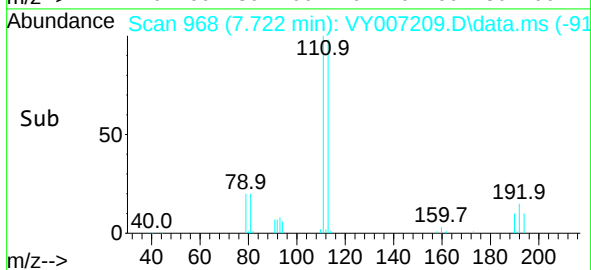
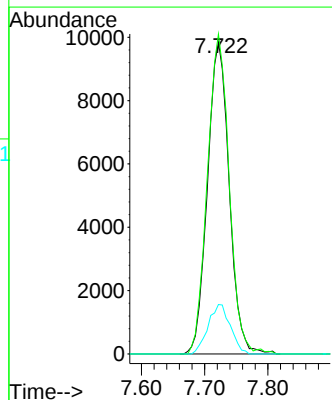
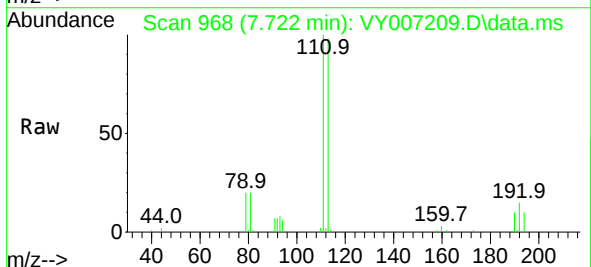
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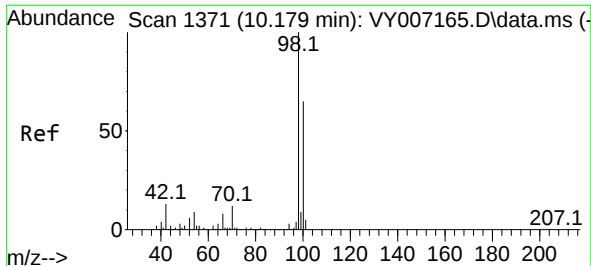
Tgt Ion:114 Resp: 80729
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.2
88 15.2 0.0 31.0



#35
Dibromofluoromethane
Concen: 42.977 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007209.D
Acq: 18 Jan 2022 14:32

Tgt Ion:113 Resp: 23460
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 16.2 14.2 21.4

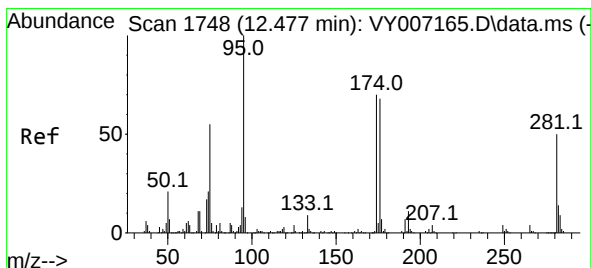
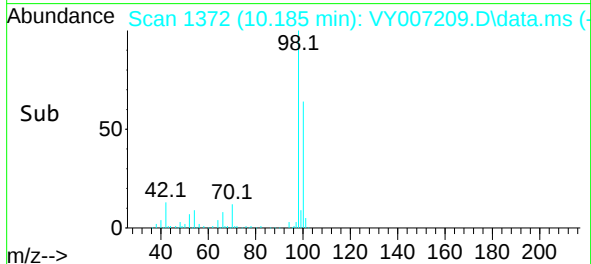
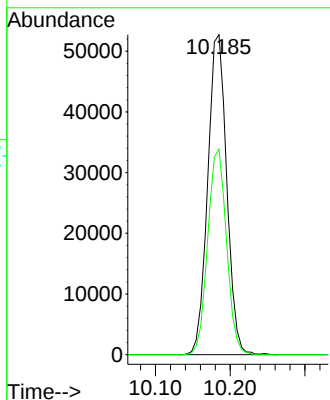
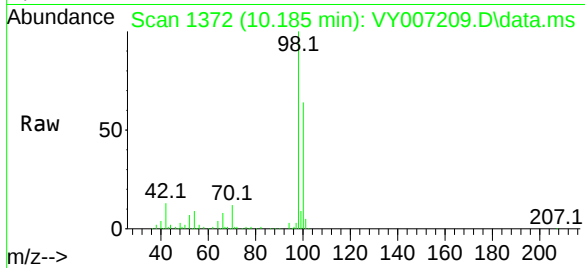




#50
Toluene-d8
Concen: 46.655 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007209.D
Acq: 18 Jan 2022 14:32

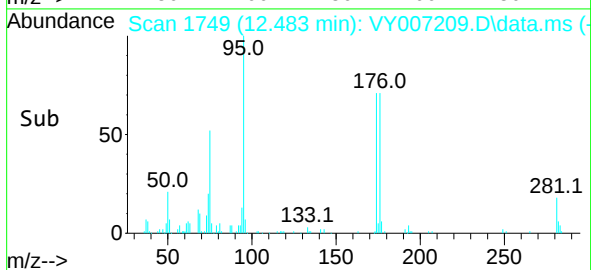
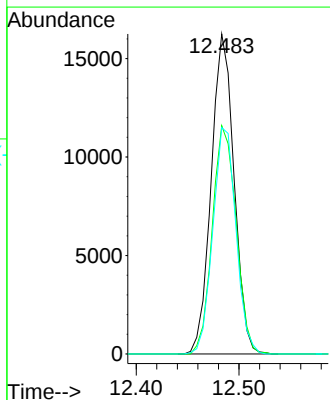
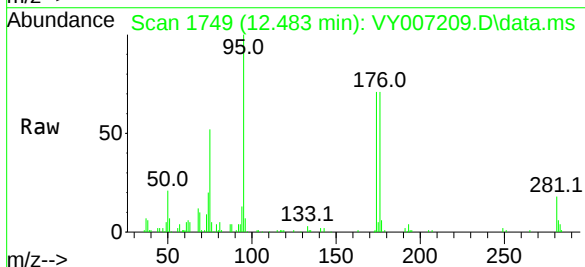
Instrument :
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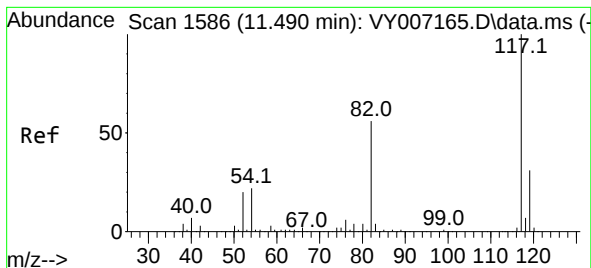
Tgt Ion: 98 Resp: 93058
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 35.288 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007209.D
Acq: 18 Jan 2022 14:32

Tgt Ion: 95 Resp: 25037
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.4
176 71.6 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007209.D

Acq: 18 Jan 2022 14:32

Instrument :

MSVOA_Y

ClientSampleId :

RBR-251686

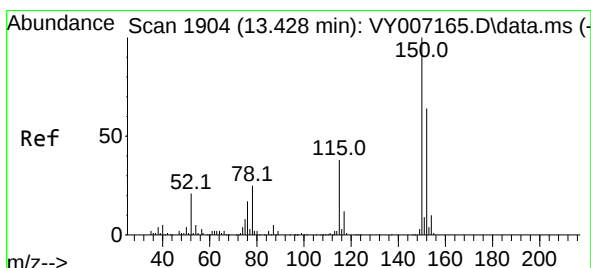
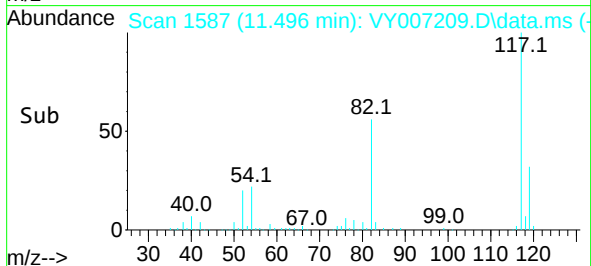
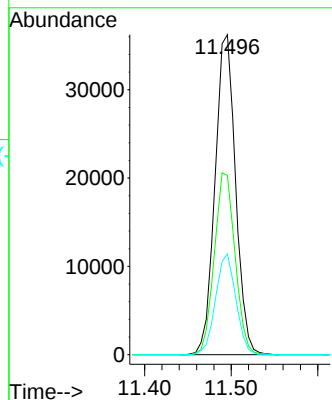
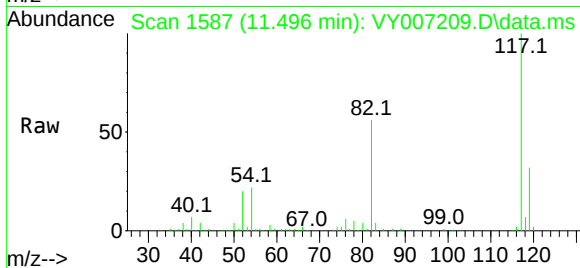
Tgt Ion:117 Resp: 59723

Ion Ratio Lower Upper

117 100

82 56.0 45.4 68.0

119 31.5 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007209.D

Acq: 18 Jan 2022 14:32

Tgt Ion:152 Resp: 20086

Ion Ratio Lower Upper

152 100

115 63.6 31.4 94.0

150 162.5 0.0 348.4

