

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007790.D
 Acq On : 08 Mar 2022 19:12
 Operator : SY/MD
 Sample : N1763-04
 Misc : 5.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 27-28-SAMPLE-LOCATION-14

Quant Time: Mar 09 00:29:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	95472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	142806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	120746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	46934	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	49612	49.637	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.280%
35) Dibromofluoromethane	7.722	113	48407	53.019	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.040%
50) Toluene-d8	10.179	98	169271	50.366	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.740%
62) 4-Bromofluorobenzene	12.483	95	44368	40.955	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.900%

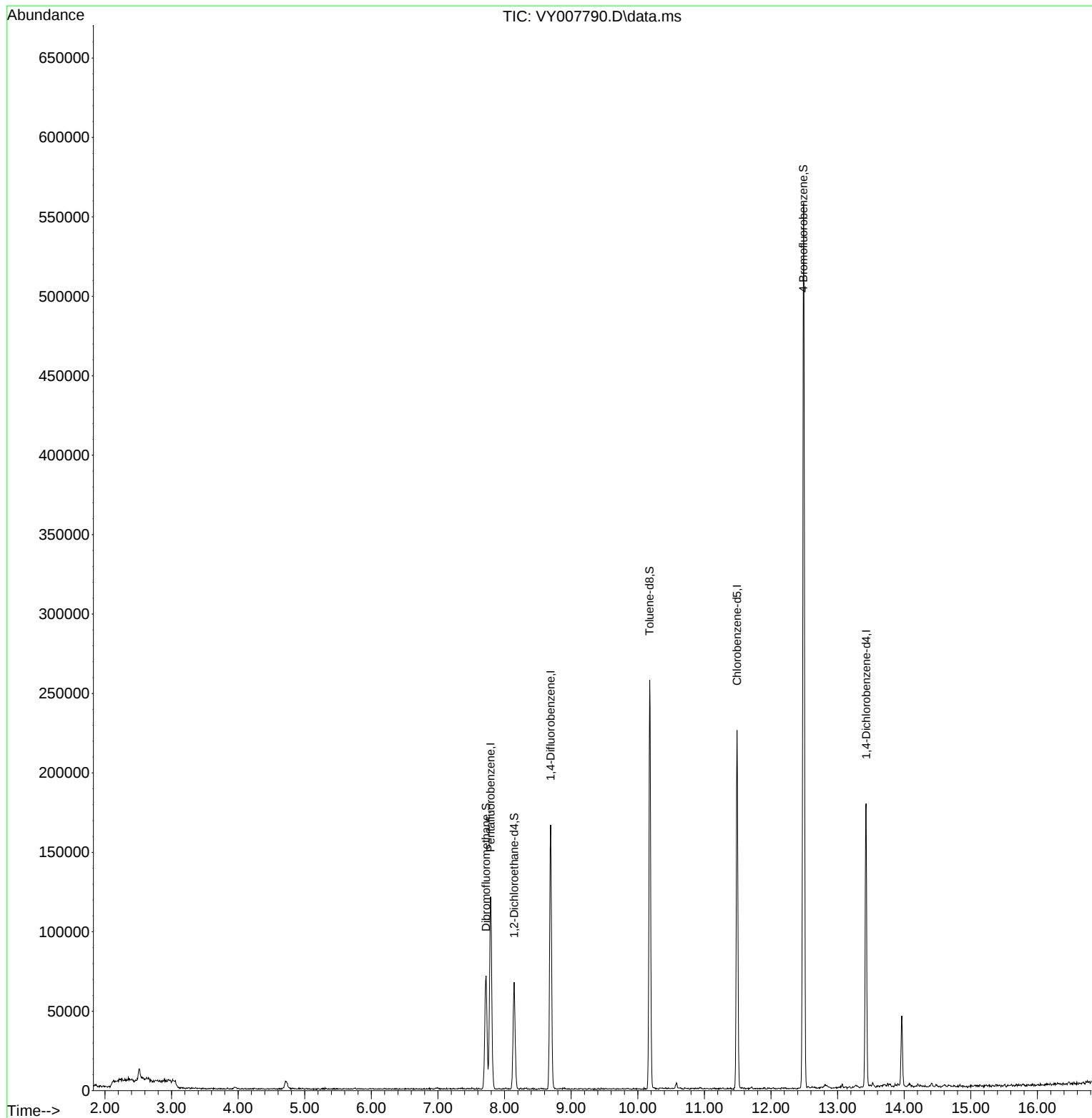
Target Compounds	Qvalue

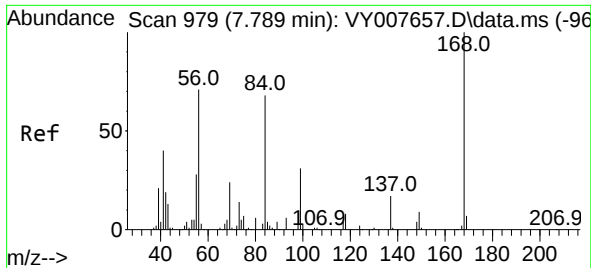
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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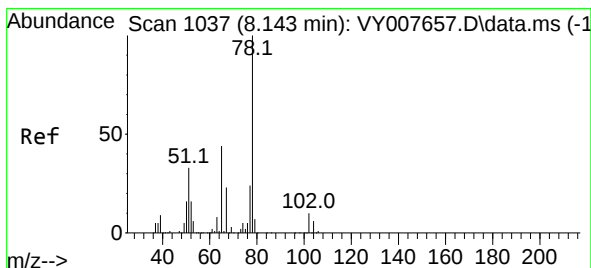
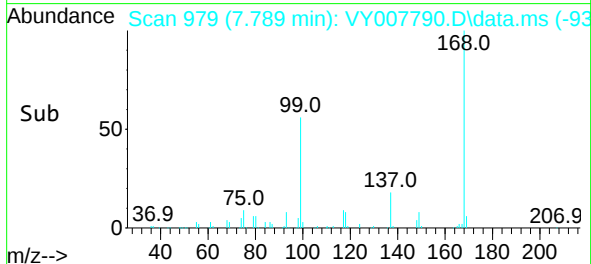
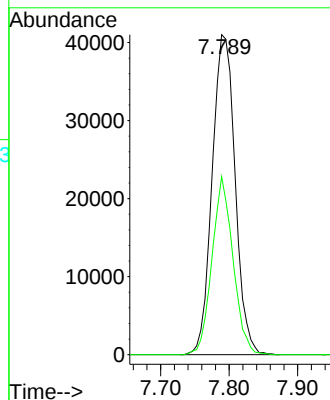
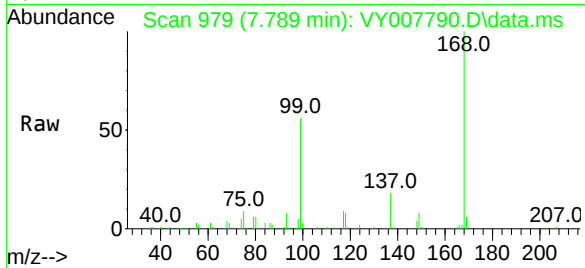




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007790.D
Acq: 08 Mar 2022 19:12

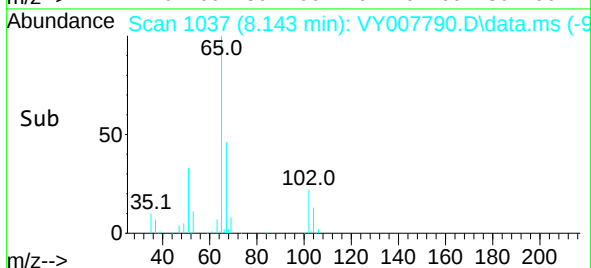
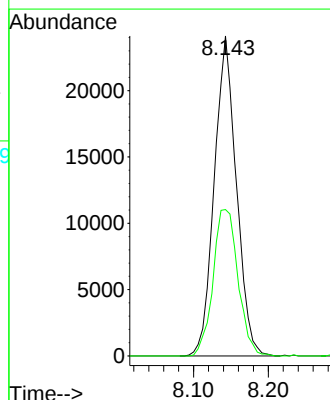
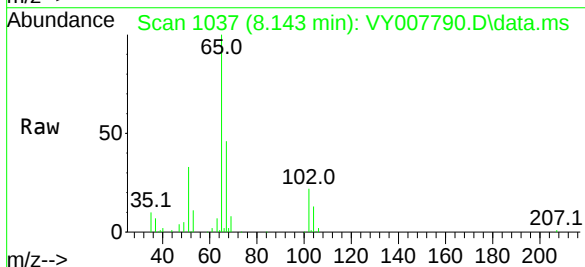
Instrument :
MSVOA_Y
ClientSampleId :
27-28-SAMPLE-LOCATION-14

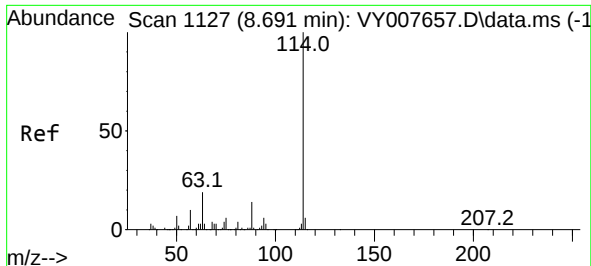
Tgt Ion:168 Resp: 95472
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.637 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007790.D
Acq: 08 Mar 2022 19:12

Tgt Ion: 65 Resp: 49612
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007790.D

Acq: 08 Mar 2022 19:12

Instrument :

MSVOA_Y

ClientSampleId :

27-28-SAMPLE-LOCATION-14

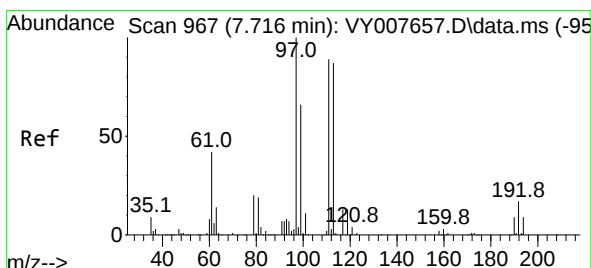
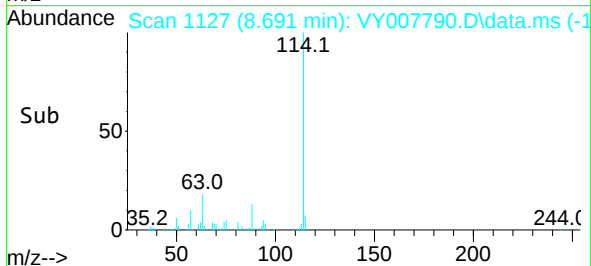
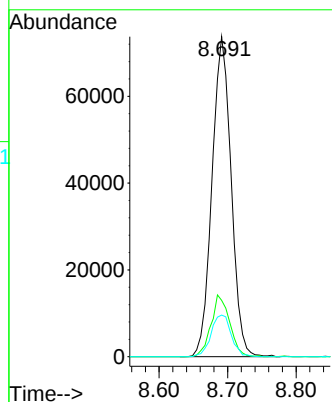
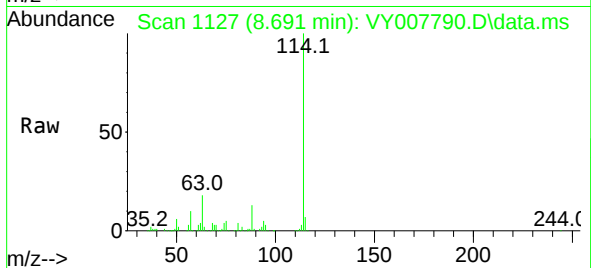
Tgt Ion:114 Resp: 142806

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 13.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.019 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007790.D

Acq: 08 Mar 2022 19:12

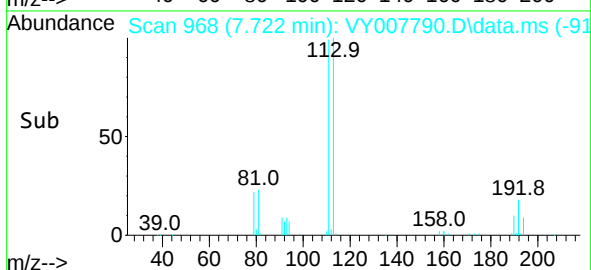
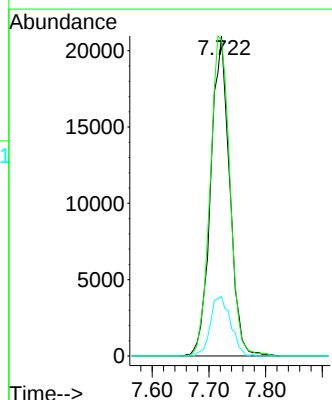
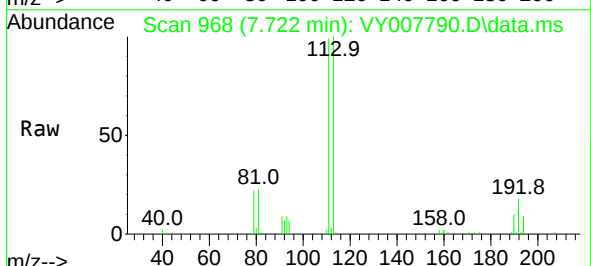
Tgt Ion:113 Resp: 48407

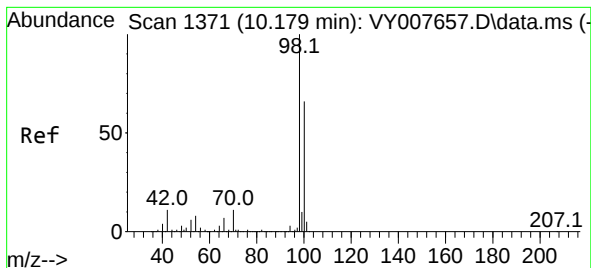
Ion Ratio Lower Upper

113 100

111 104.4 82.6 124.0

192 19.9 17.6 26.4





#50

Toluene-d8

Concen: 50.366 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007790.D

Acq: 08 Mar 2022 19:12

Instrument :

MSVOA_Y

ClientSampleId :

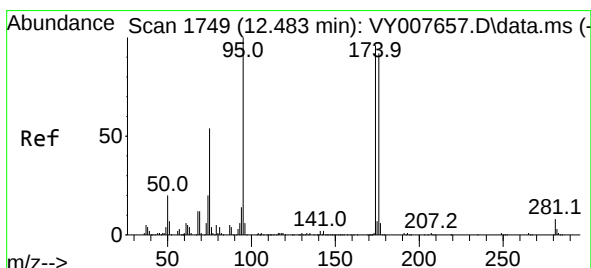
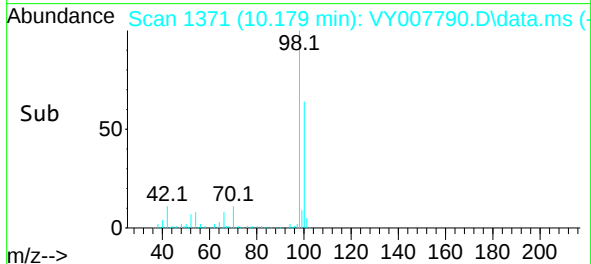
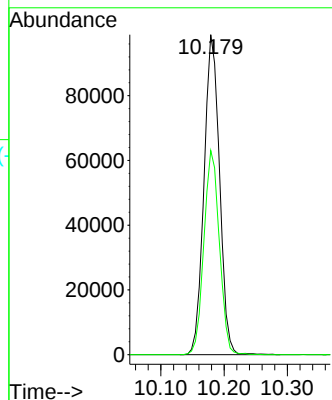
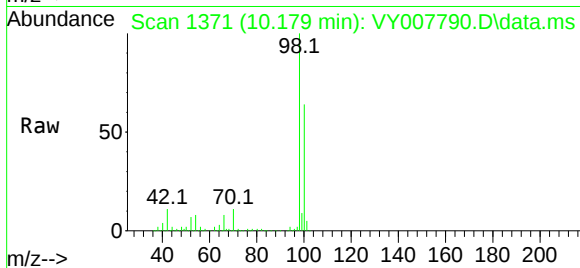
27-28-SAMPLE-LOCATION-14

Tgt Ion: 98 Resp: 169271

Ion Ratio Lower Upper

98 100

100 63.6 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 40.955 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY007790.D

Acq: 08 Mar 2022 19:12

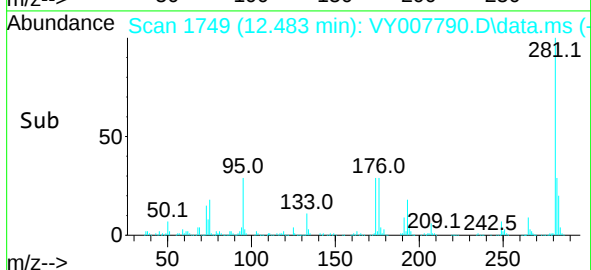
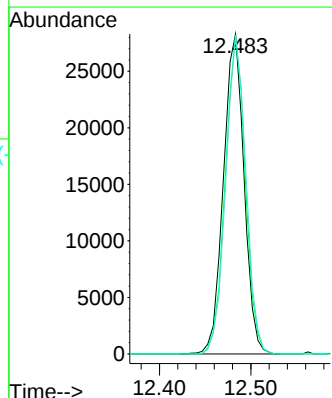
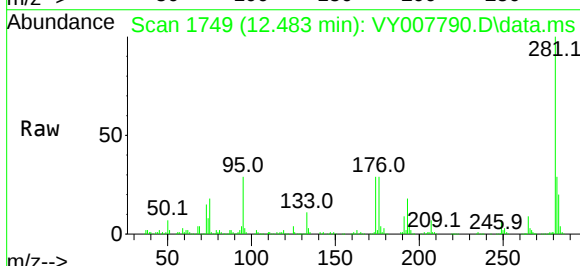
Tgt Ion: 95 Resp: 44368

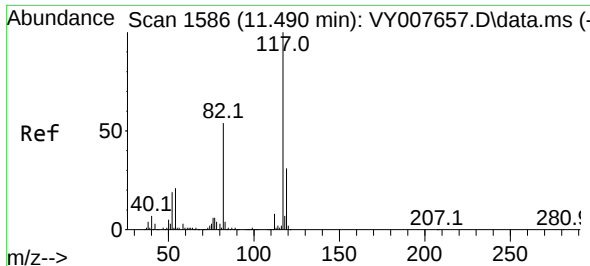
Ion Ratio Lower Upper

95 100

174 97.2 0.0 177.0

176 97.3 0.0 175.8

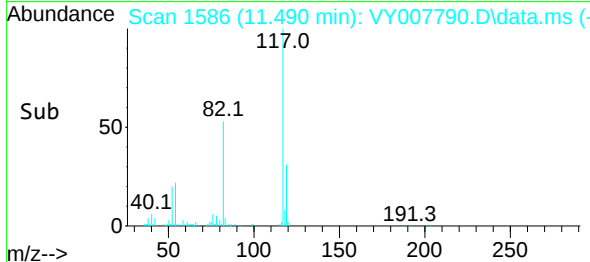
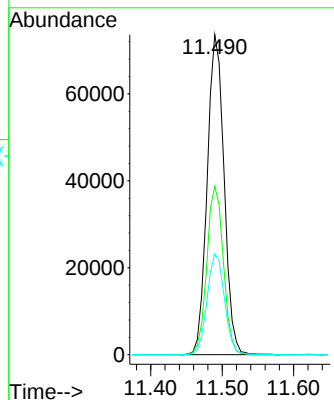
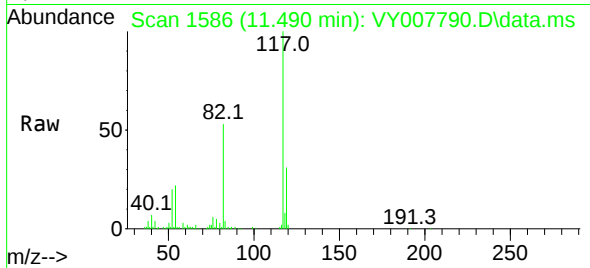




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007790.D
Acq: 08 Mar 2022 19:12

Instrument :
MSVOA_Y
ClientSampleId :
27-28-SAMPLE-LOCATION-14

Tgt Ion:117 Resp: 120746
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007790.D
Acq: 08 Mar 2022 19:12

Tgt Ion:152 Resp: 46934
Ion Ratio Lower Upper
152 100
115 52.5 28.2 84.7
150 156.1 0.0 347.6

