

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007788.D
 Acq On : 08 Mar 2022 18:25
 Operator : SY/MD
 Sample : N1763-02
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 23-24-SAMPLE-LOCATION-12

Quant Time: Mar 09 00:28:58 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	7.795	168	236945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	390033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	354240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159551	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	141230	56.934	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.860%
35) Dibromofluoromethane	7.716	113	132274	53.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.100%
50) Toluene-d8	10.179	98	470309	51.237	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.480%
62) 4-Bromofluorobenzene	12.483	95	145119	49.046	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.100%

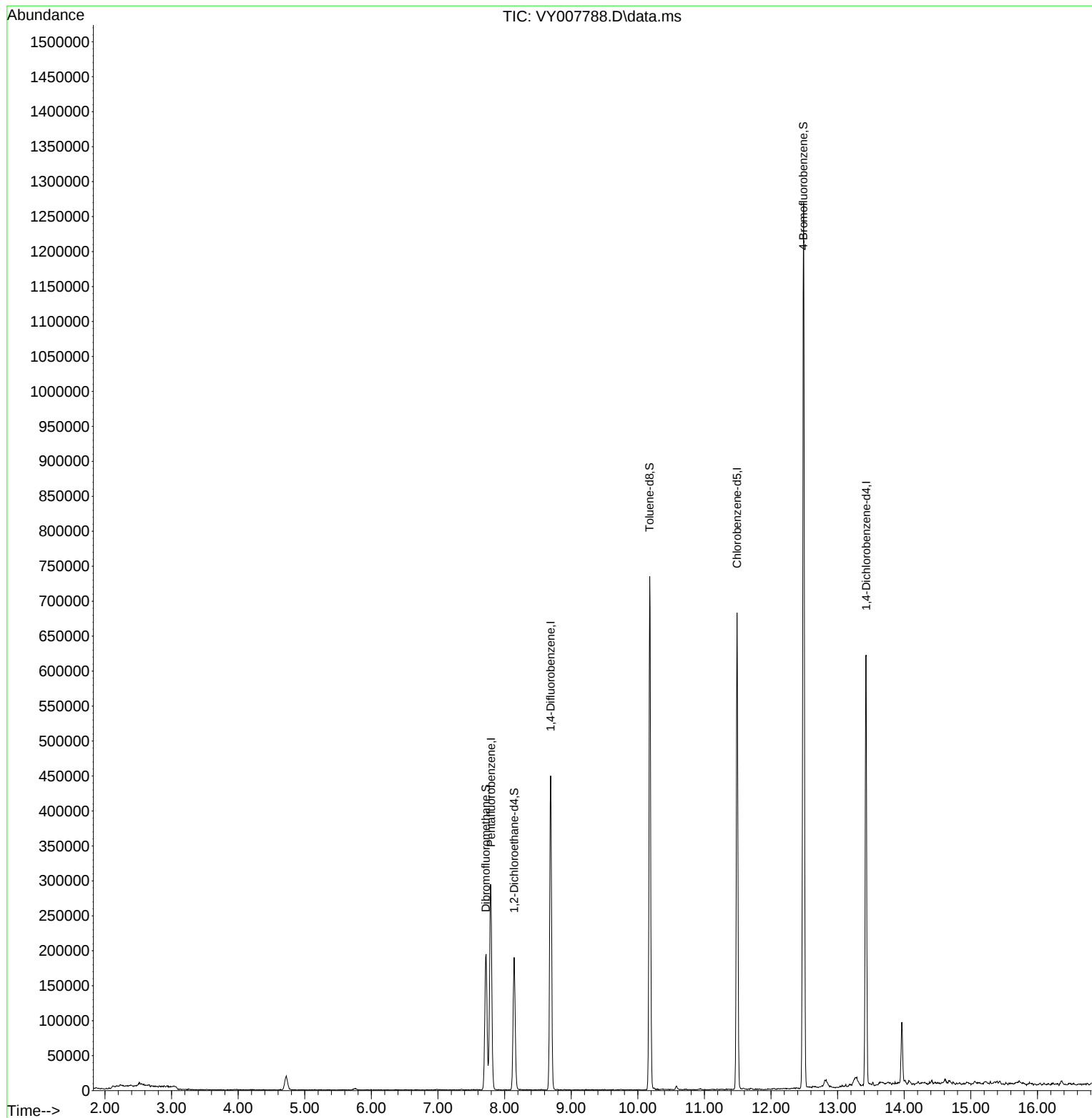
Target Compounds	Qvalue

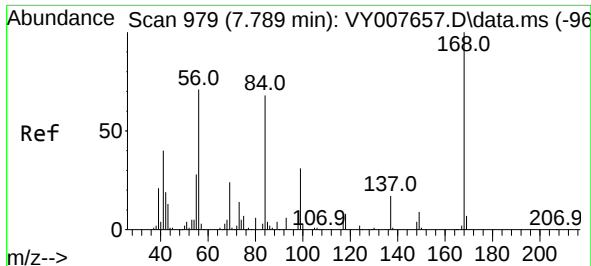
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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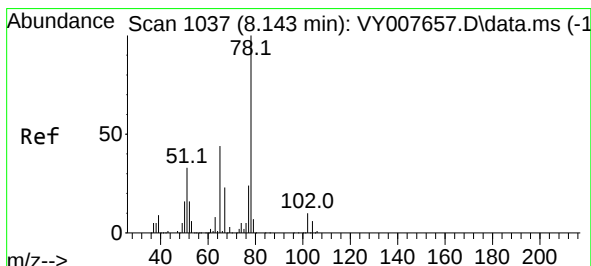
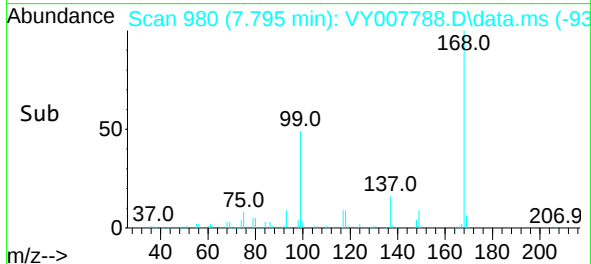
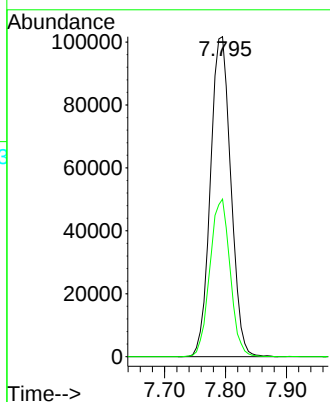
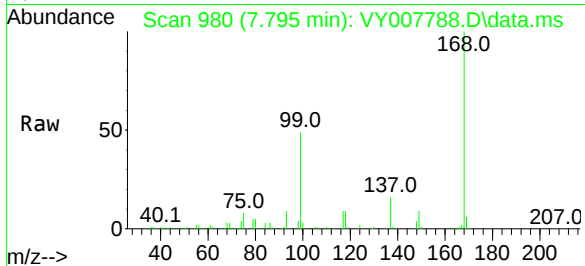




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007788.D
Acq: 08 Mar 2022 18:25

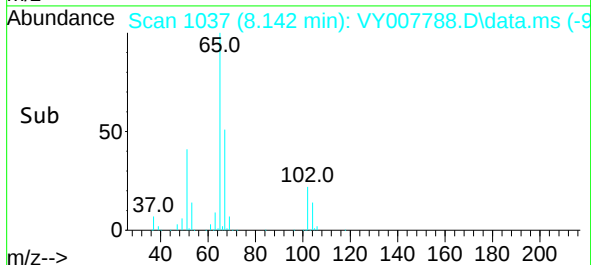
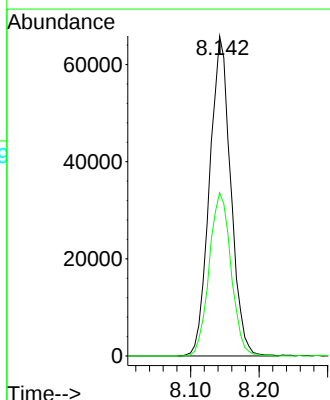
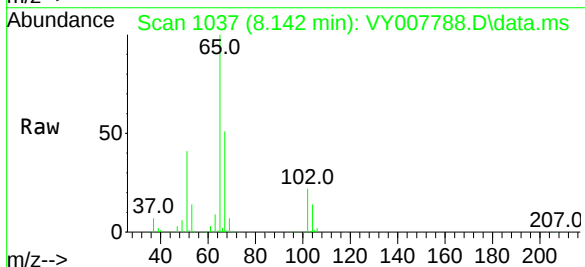
Instrument :
MSVOA_Y
ClientSampleId :
23-24-SAMPLE-LOCATION-12

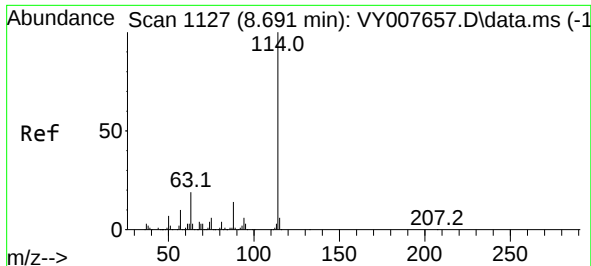
Tgt Ion:168 Resp: 236945
Ion Ratio Lower Upper
168 100
99 49.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.934 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007788.D
Acq: 08 Mar 2022 18:25

Tgt Ion: 65 Resp: 141230
Ion Ratio Lower Upper
65 100
67 52.5 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: VY007788.D

Acq: 08 Mar 2022 18:25

Instrument :

MSVOA_Y

ClientSampleId :

23-24-SAMPLE-LOCATION-12

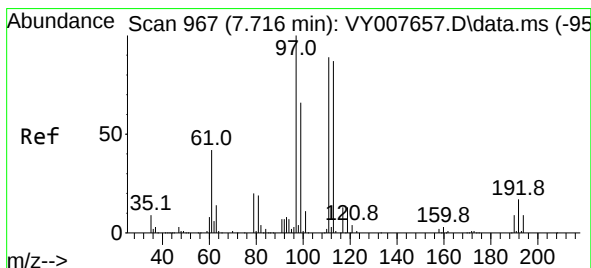
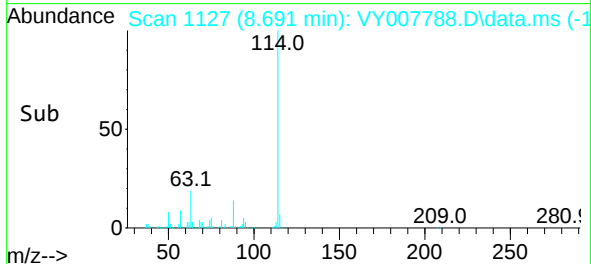
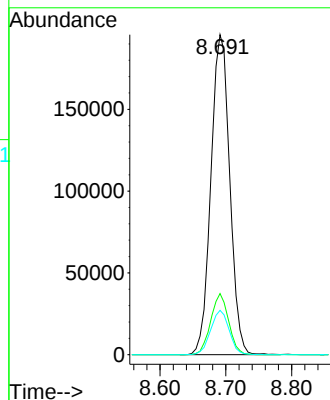
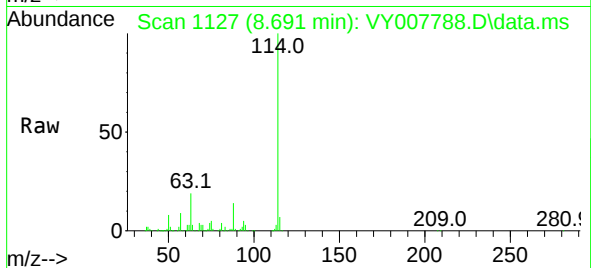
Tgt Ion:114 Resp: 390033

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.045 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007788.D

Acq: 08 Mar 2022 18:25

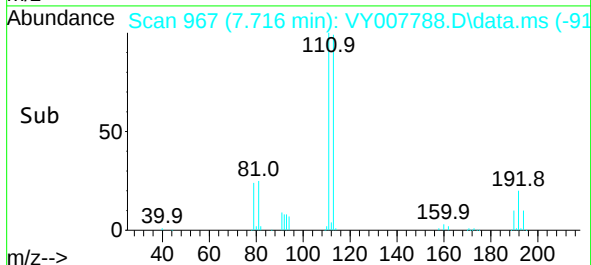
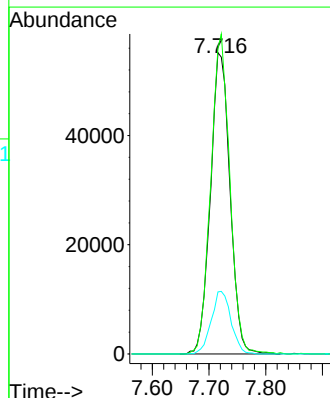
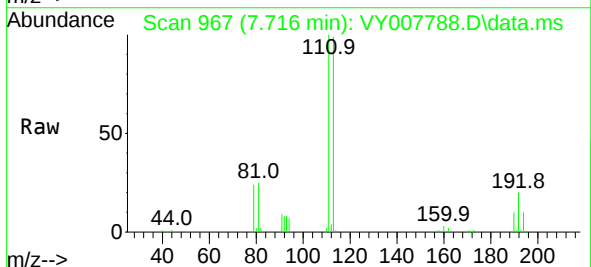
Tgt Ion:113 Resp: 132274

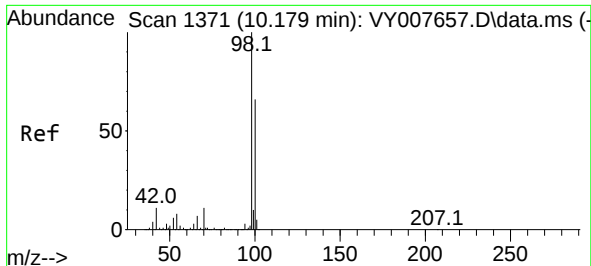
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 20.9 17.6 26.4

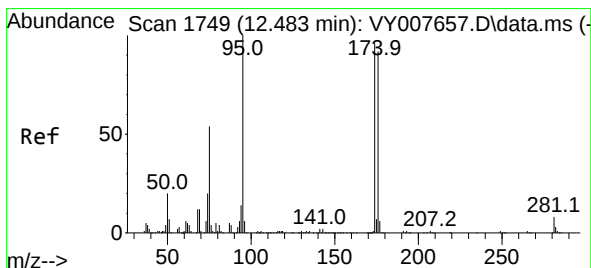
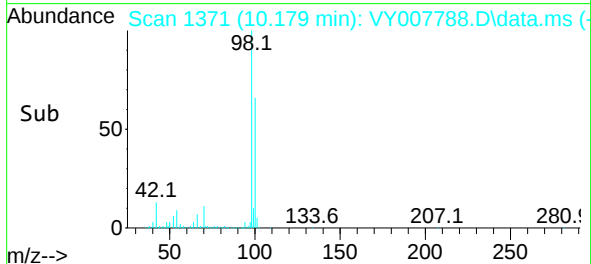
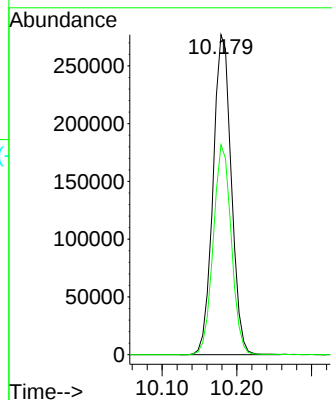
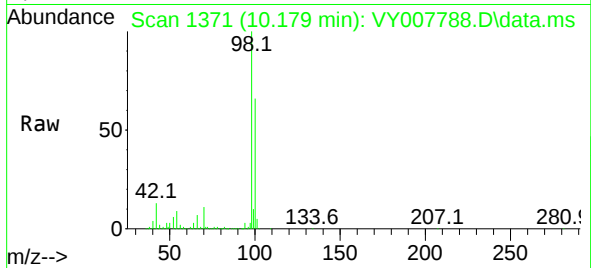




#50
Toluene-d8
Concen: 51.237 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007788.D
Acq: 08 Mar 2022 18:25

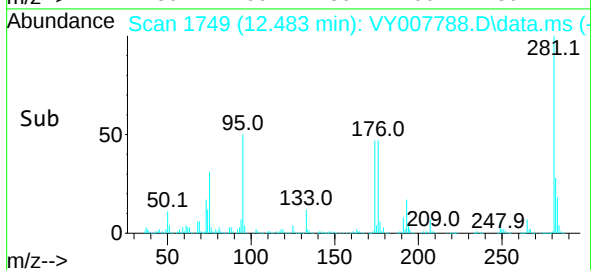
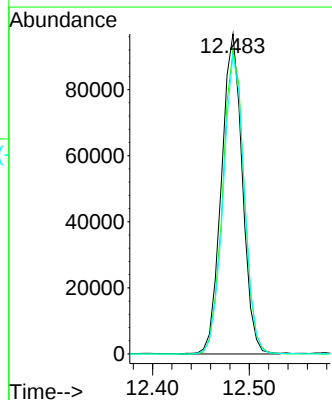
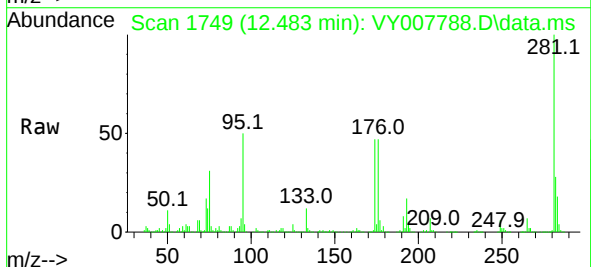
Instrument : MSVOA_Y
ClientSampleId : 23-24-SAMPLE-LOCATION-12

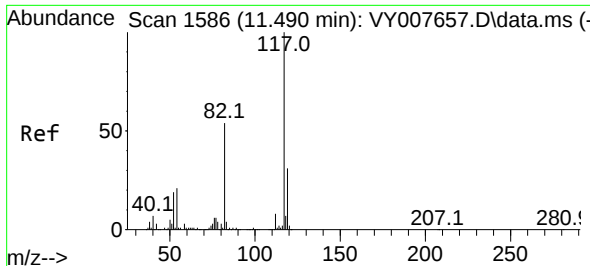
Tgt Ion: 98 Resp: 470309
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.046 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007788.D
Acq: 08 Mar 2022 18:25

Tgt Ion: 95 Resp: 145119
Ion Ratio Lower Upper
95 100
174 96.9 0.0 177.0
176 94.1 0.0 175.8

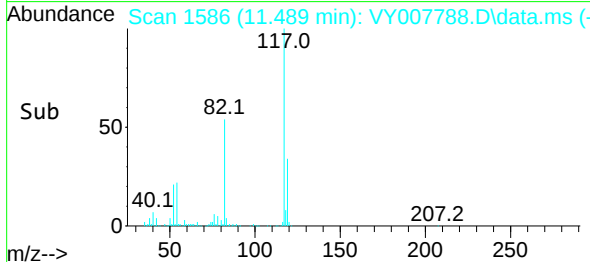
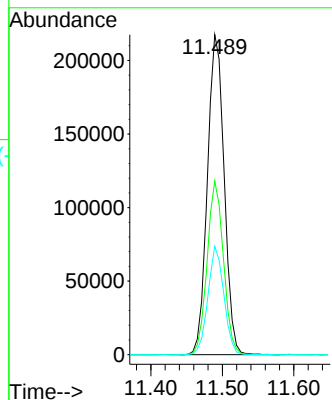
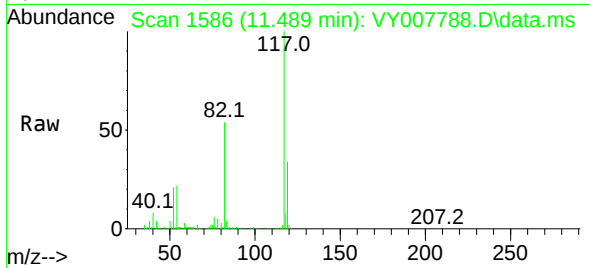




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007788.D
Acq: 08 Mar 2022 18:25

Instrument :
MSVOA_Y
ClientSampleId :
23-24-SAMPLE-LOCATION-12

Tgt Ion:117 Resp: 354240
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 33.9 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: VY007788.D
Acq: 08 Mar 2022 18:25

Tgt Ion:152 Resp: 159551
Ion Ratio Lower Upper
152 100
115 54.1 28.2 84.7
150 155.8 0.0 347.6

