

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007704.D
 Acq On : 03 Mar 2022 15:08
 Operator : SY/MD
 Sample : N1751-07
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-14

Quant Time: Mar 04 00:41:45 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	229153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	409136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	407176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	186459	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	141843	59.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.260%
35) Dibromofluoromethane	7.722	113	137935	52.733	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.460%
50) Toluene-d8	10.179	98	513608	53.342	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.680%
62) 4-Bromofluorobenzene	12.483	95	163002	52.518	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.040%

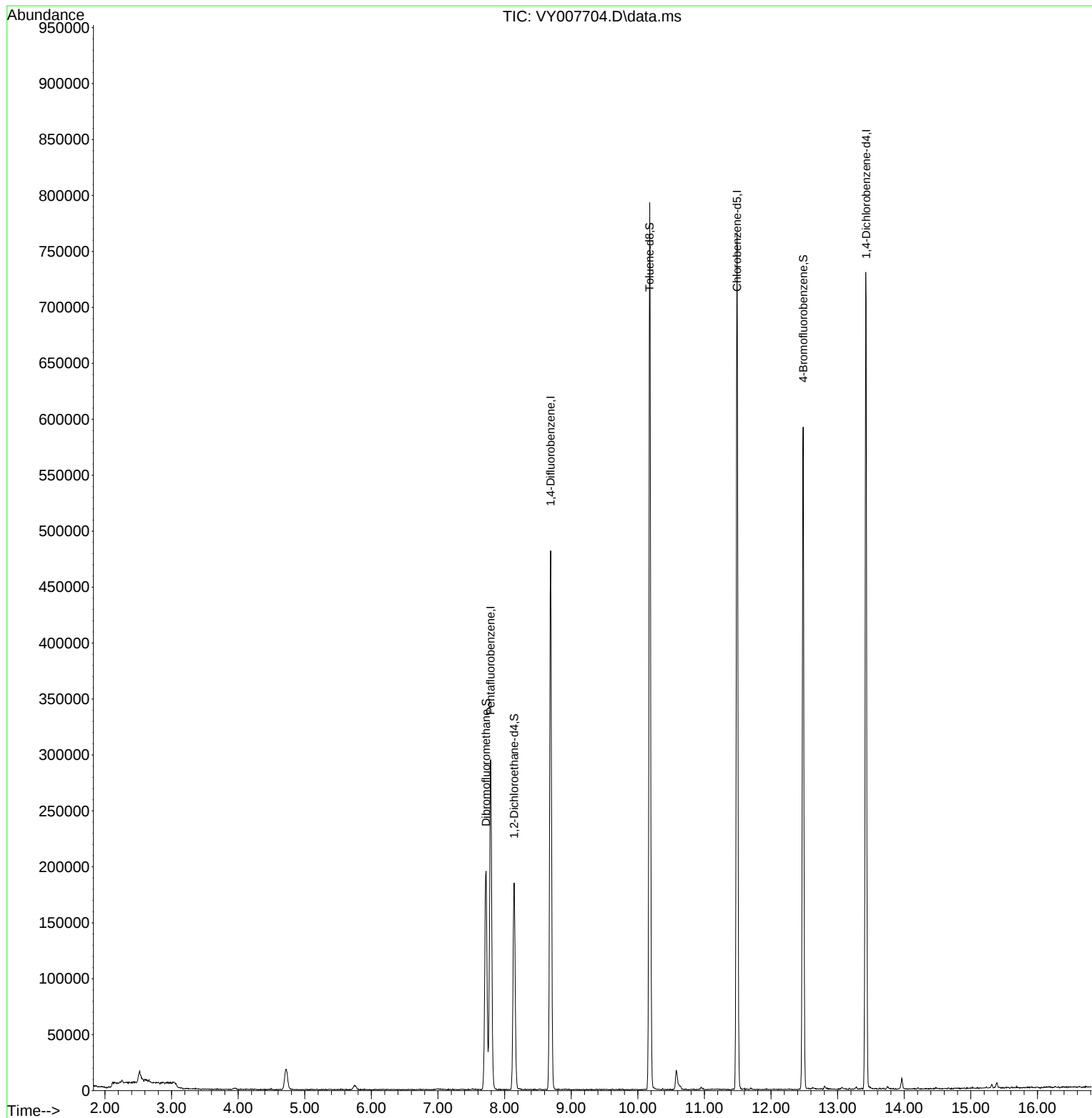
Target Compounds	Qvalue

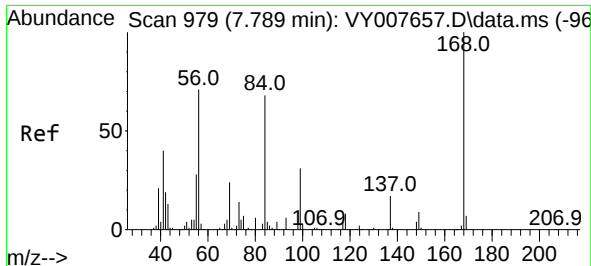
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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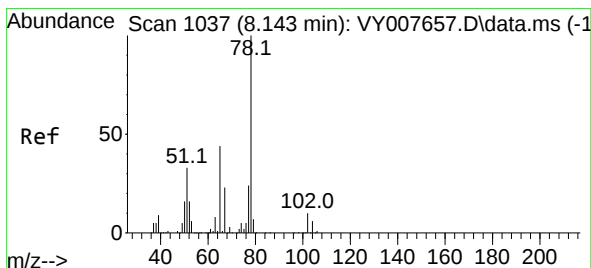
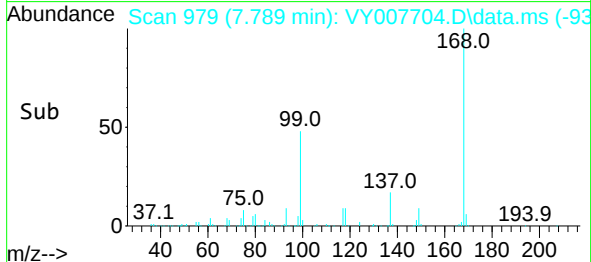
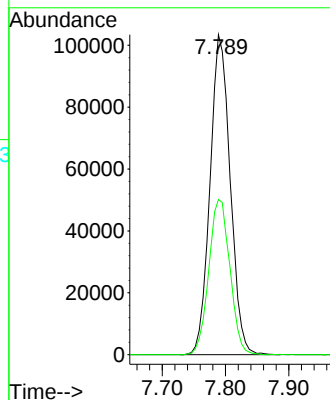
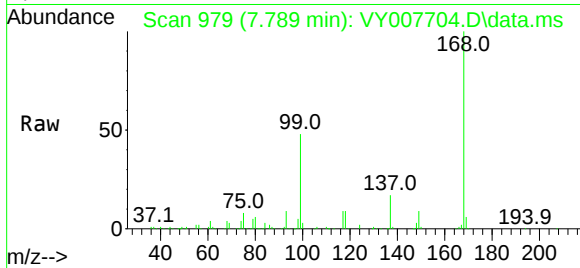




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007704.D
Acq: 03 Mar 2022 15:08

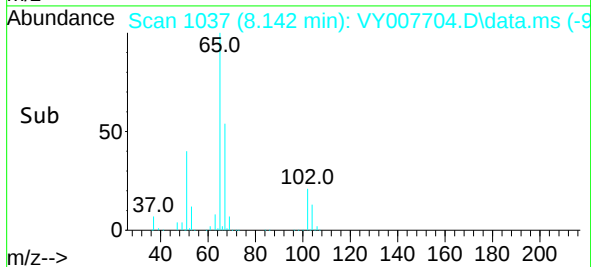
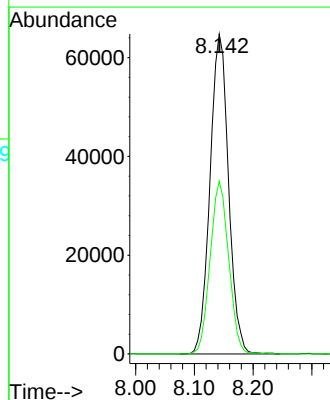
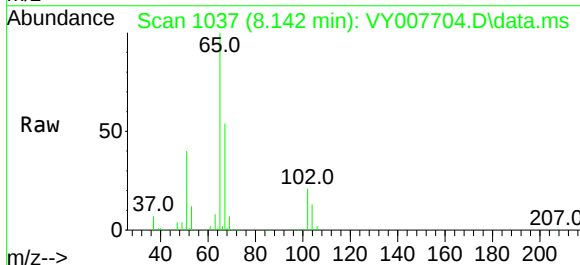
Instrument :
MSVOA_Y
ClientSampleId :
DUM-14

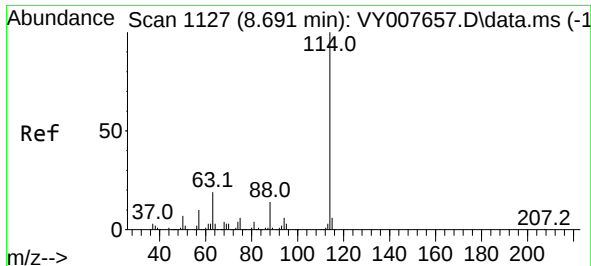
Tgt Ion:168 Resp: 229153
Ion Ratio Lower Upper
168 100
99 48.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.125 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007704.D
Acq: 03 Mar 2022 15:08

Tgt Ion: 65 Resp: 141843
Ion Ratio Lower Upper
65 100
67 54.0 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: VY007704.D

Acq: 03 Mar 2022 15:08

Instrument :

MSVOA_Y

ClientSampleId :

DUM-14

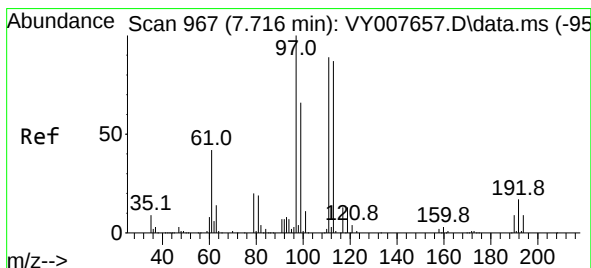
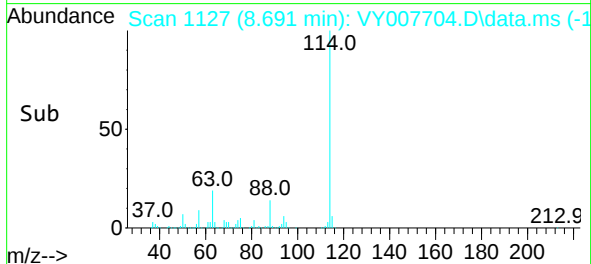
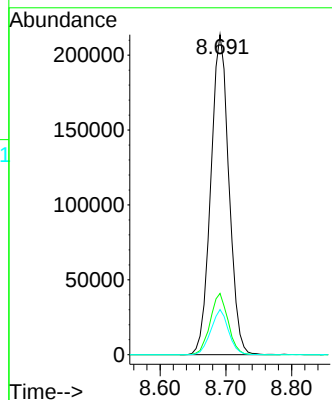
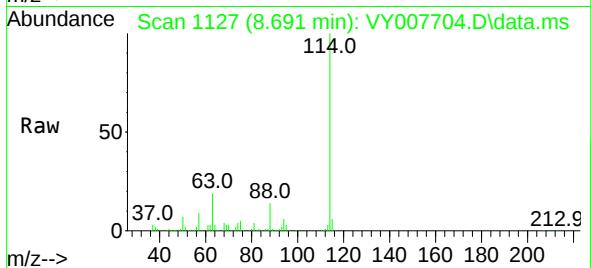
Tgt Ion:114 Resp: 409136

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.733 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007704.D

Acq: 03 Mar 2022 15:08

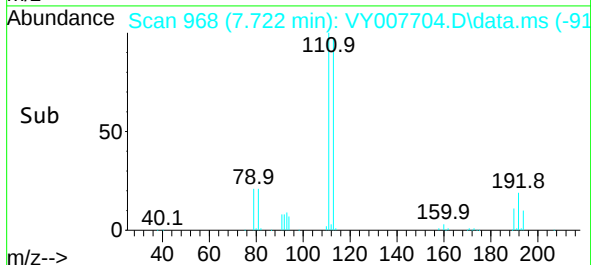
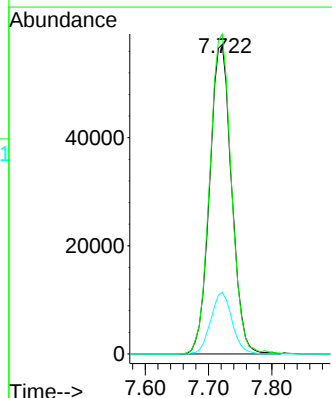
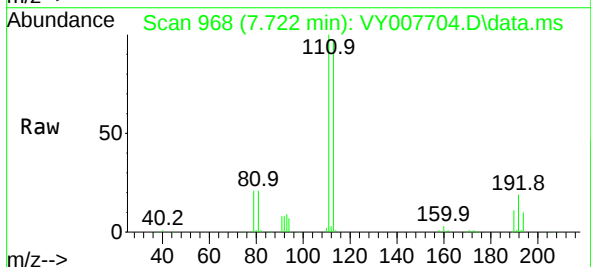
Tgt Ion:113 Resp: 137935

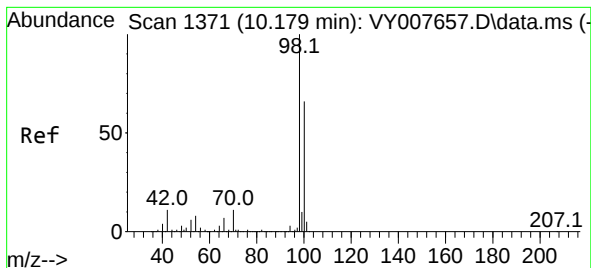
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 19.3 17.6 26.4

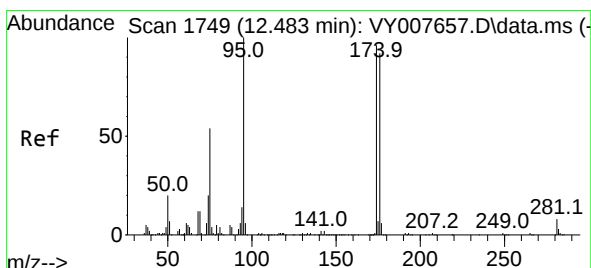
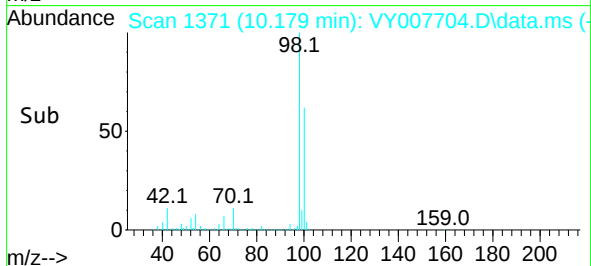
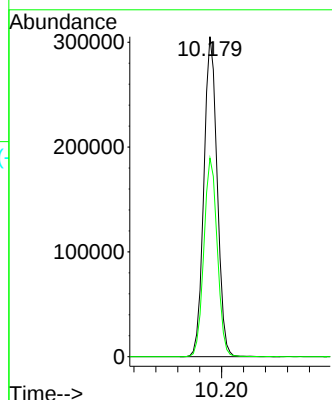
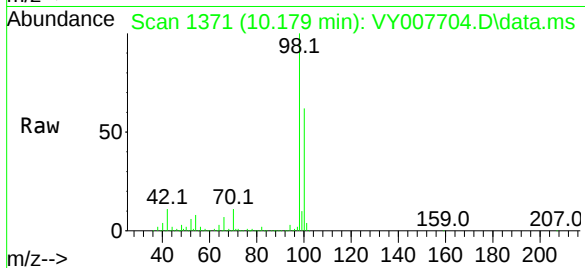




#50
Toluene-d8
Concen: 53.342 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007704.D
Acq: 03 Mar 2022 15:08

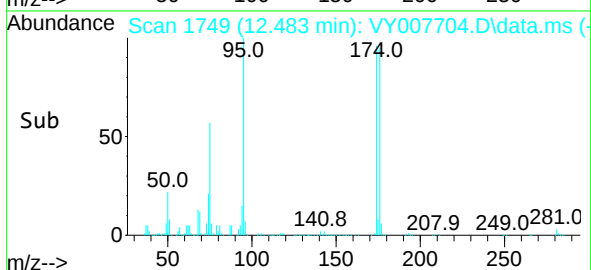
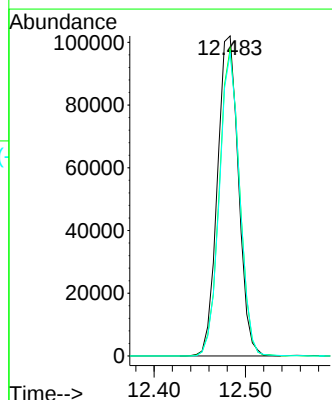
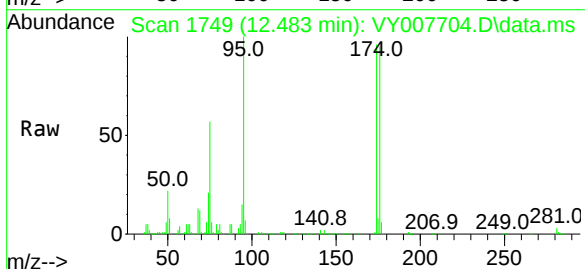
Instrument :
MSVOA_Y
ClientSampleId :
DUM-14

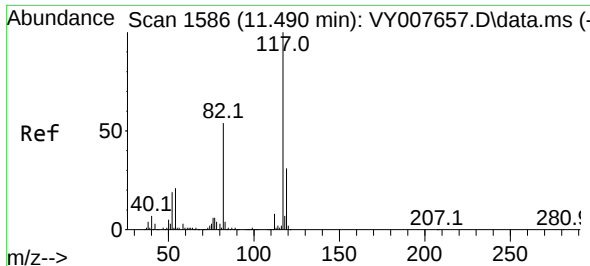
Tgt Ion: 98 Resp: 513608
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.518 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007704.D
Acq: 03 Mar 2022 15:08

Tgt Ion: 95 Resp: 163002
Ion Ratio Lower Upper
95 100
174 92.3 0.0 177.0
176 91.4 0.0 175.8

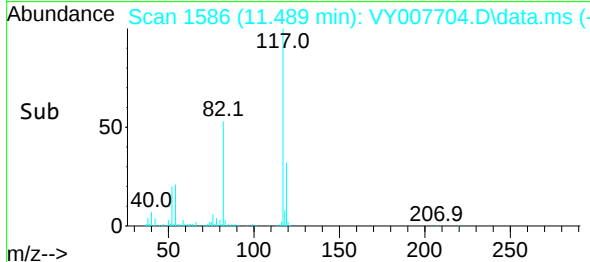
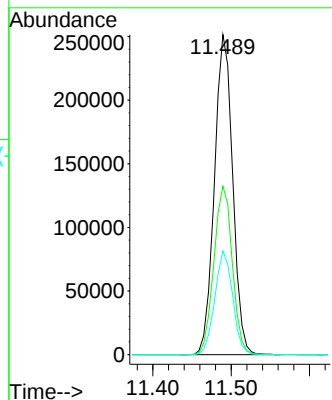
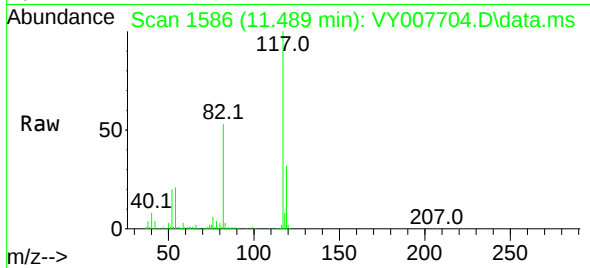




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007704.D
Acq: 03 Mar 2022 15:08

Instrument :
MSVOA_Y
ClientSampleId :
DUM-14

Tgt Ion:117 Resp: 407176
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 32.5 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: VY007704.D
Acq: 03 Mar 2022 15:08

Tgt Ion:152 Resp: 186459
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 156.7 0.0 347.6

