

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030222\
 Data File : VY007685.D
 Acq On : 02 Mar 2022 12:01
 Operator : SY/MD
 Sample : N1721-07
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-4

Quant Time: Mar 03 00:33:36 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	292938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	531105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	522696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	229119	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	183156	59.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.440%
35) Dibromofluoromethane	7.722	113	179352	52.820	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.640%
50) Toluene-d8	10.179	98	668652	53.496	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.000%
62) 4-Bromofluorobenzene	12.483	95	211385	52.466	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.940%

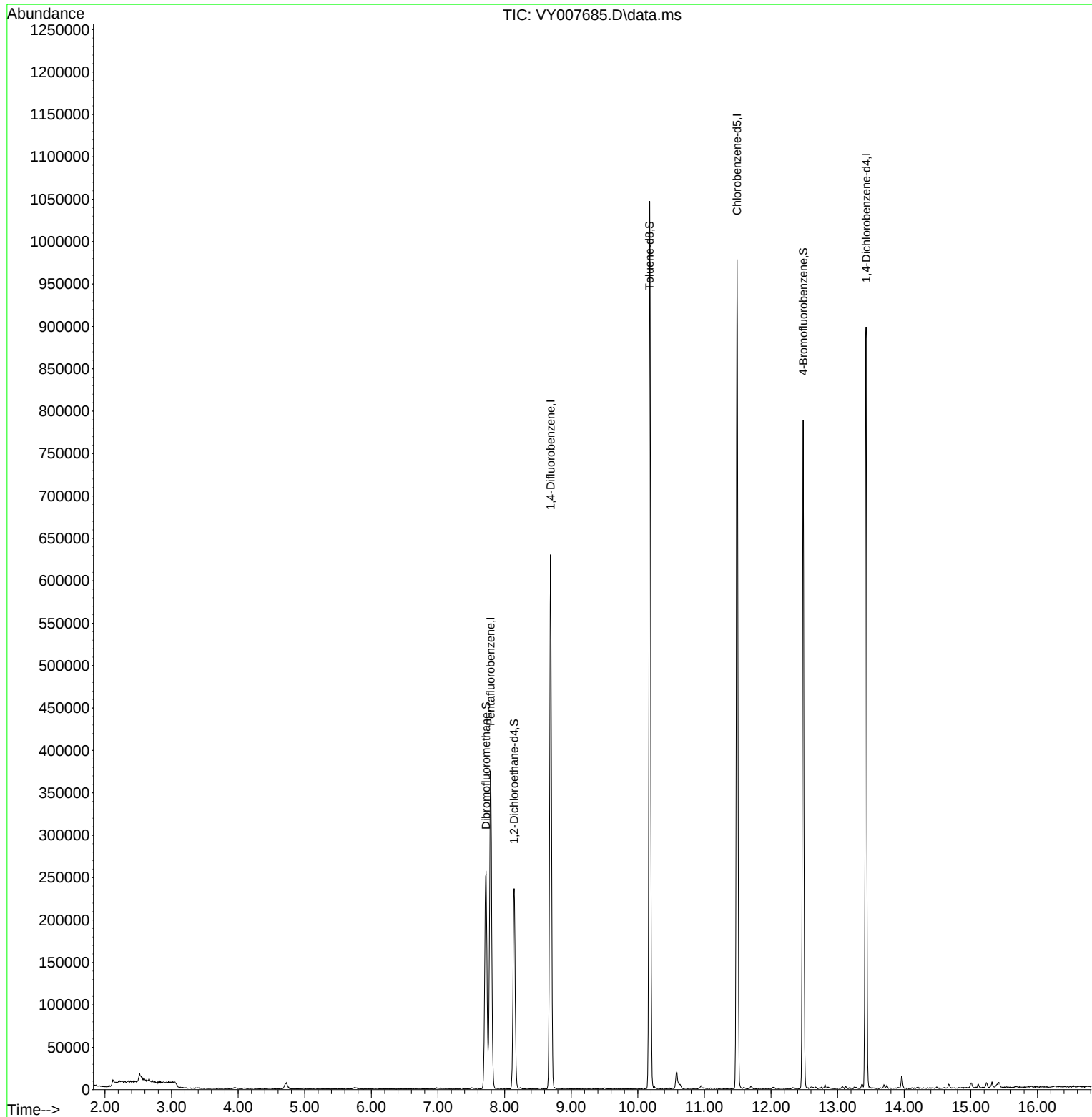
Target Compounds	Qvalue

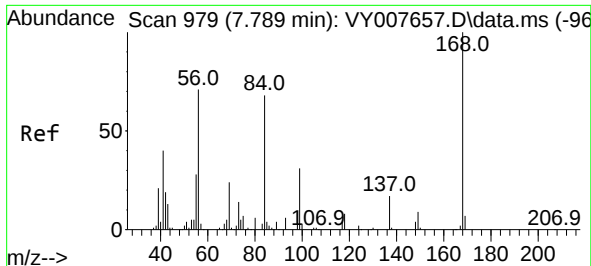
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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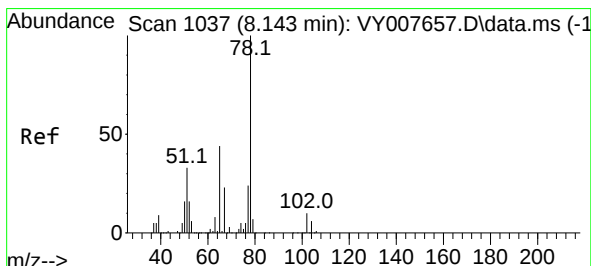
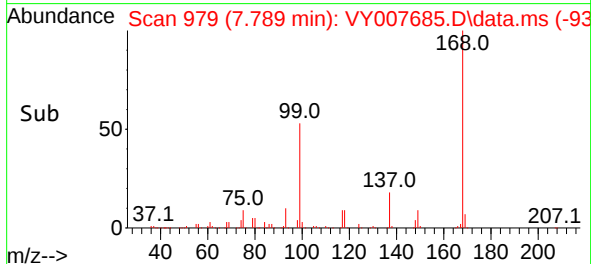
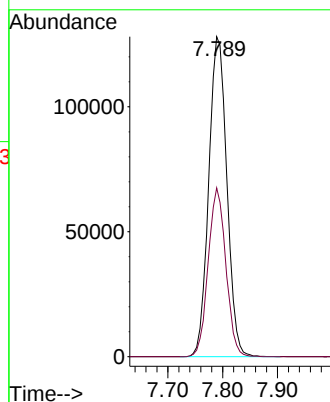
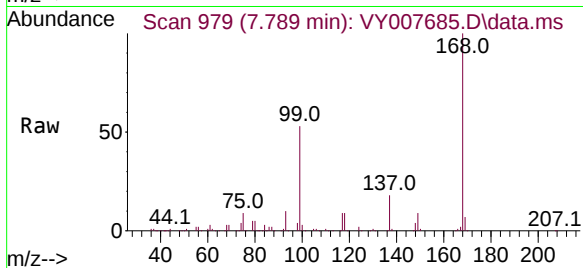




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007685.D
Acq: 02 Mar 2022 12:01

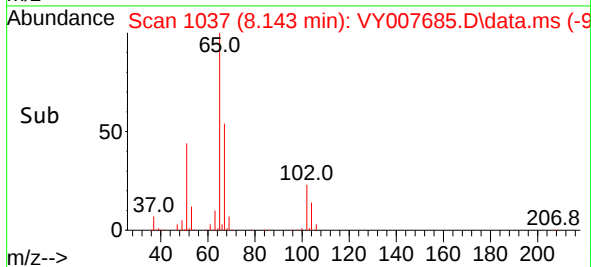
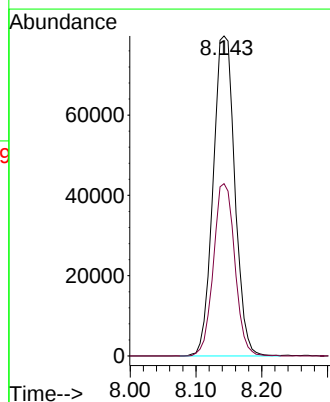
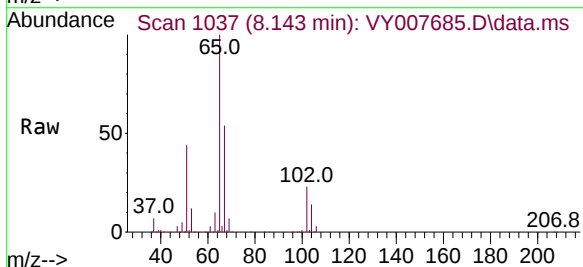
Instrument :
MSVOA_Y
ClientSampleId :
DUM-4

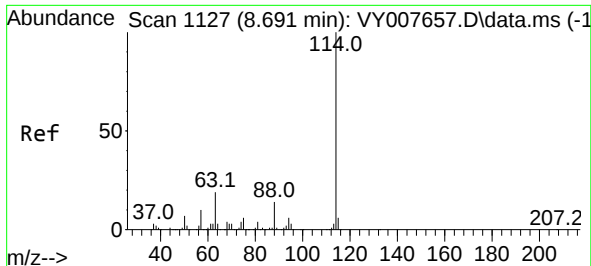
Tgt Ion:168 Resp: 292938
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.722 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007685.D
Acq: 02 Mar 2022 12:01

Tgt Ion: 65 Resp: 183156
Ion Ratio Lower Upper
65 100
67 53.0 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: VY007685.D

Acq: 02 Mar 2022 12:01

Instrument :

MSVOA_Y

ClientSampleId :

DUM-4

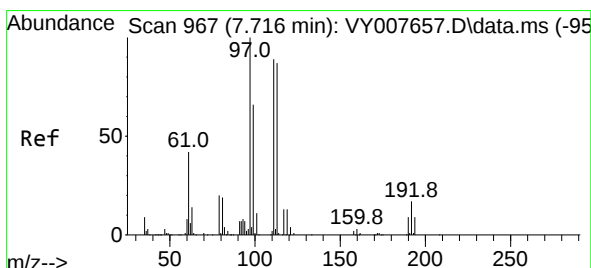
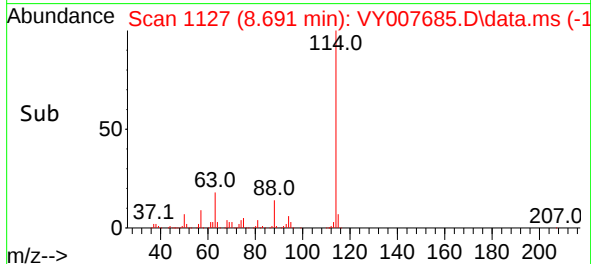
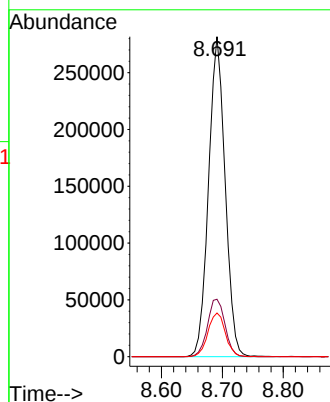
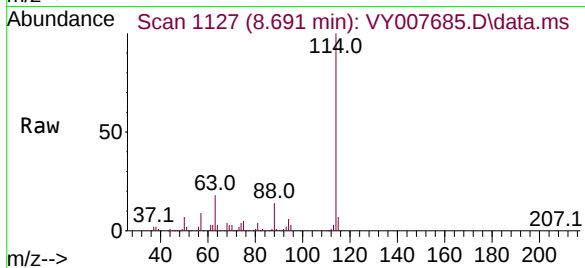
Tgt Ion:114 Resp: 531105

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.820 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007685.D

Acq: 02 Mar 2022 12:01

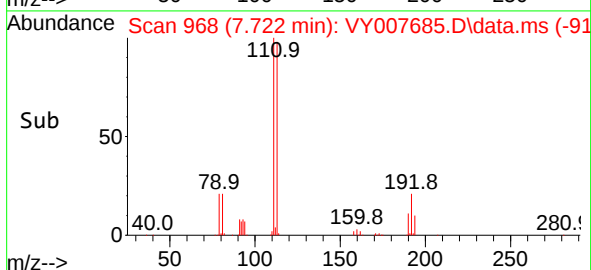
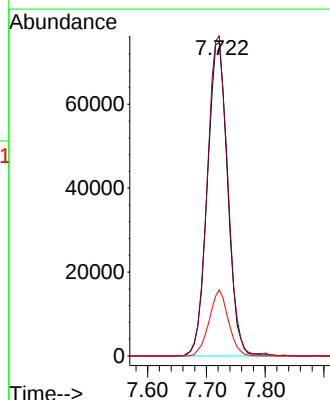
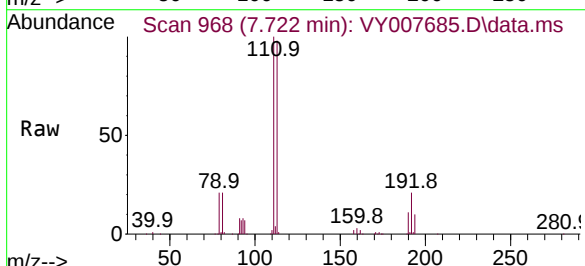
Tgt Ion:113 Resp: 179352

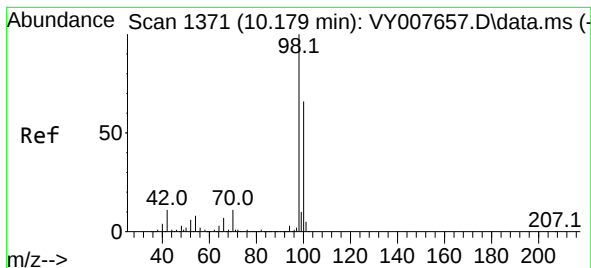
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 20.0 17.6 26.4

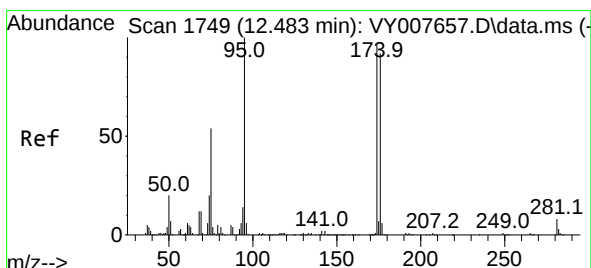
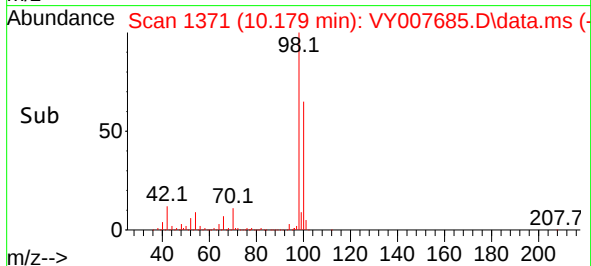
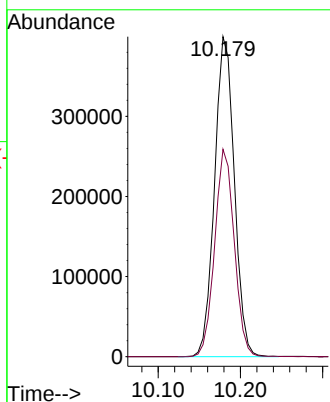
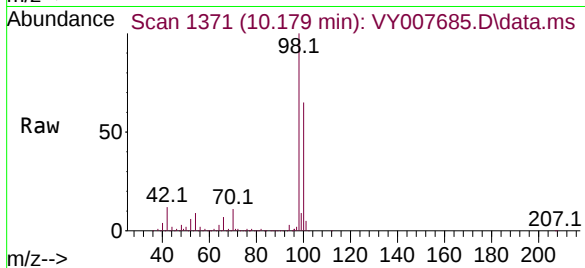




#50
Toluene-d8
Concen: 53.496 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007685.D
Acq: 02 Mar 2022 12:01

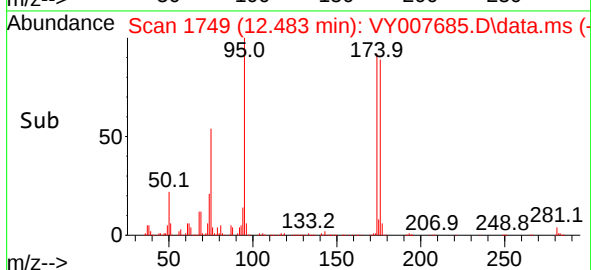
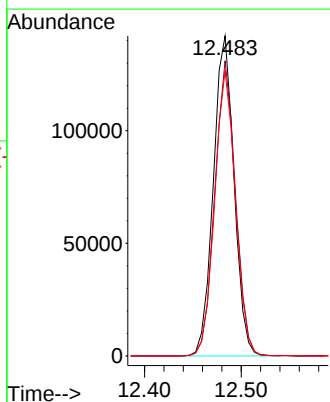
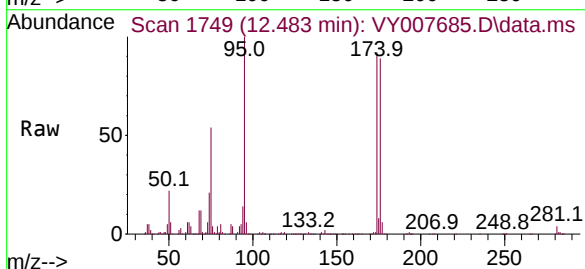
Instrument :
MSVOA_Y
ClientSampleId :
DUM-4

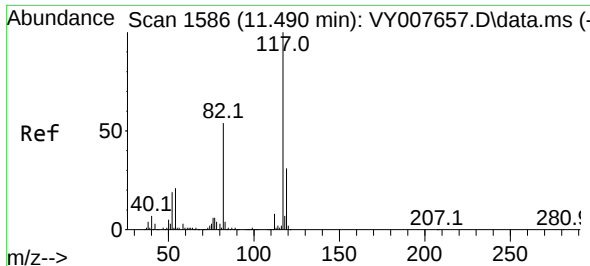
Tgt Ion: 98 Resp: 668652
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.466 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007685.D
Acq: 02 Mar 2022 12:01

Tgt Ion: 95 Resp: 211385
Ion Ratio Lower Upper
95 100
174 92.4 0.0 177.0
176 89.4 0.0 175.8

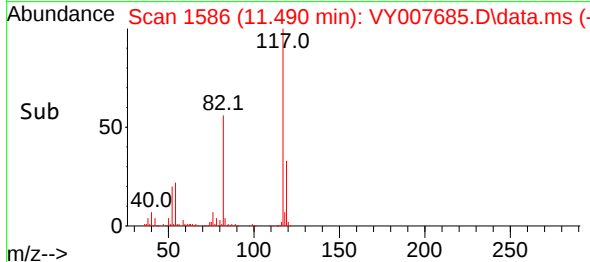
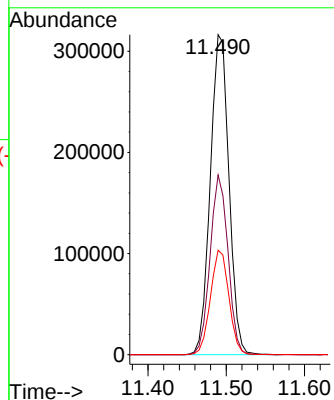
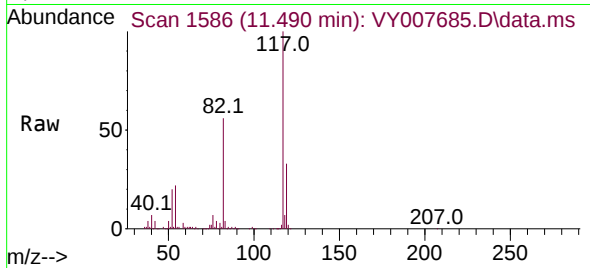




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007685.D
Acq: 02 Mar 2022 12:01

Instrument :
MSVOA_Y
ClientSampleId :
DUM-4

Tgt Ion:117 Resp: 522696
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.4
119 32.7 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: VY007685.D
Acq: 02 Mar 2022 12:01

Tgt Ion:152 Resp: 229119
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.7
150 156.7 0.0 347.6

