

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
 Data File : VY007670.D
 Acq On : 01 Mar 2022 16:12
 Operator : SY/MD
 Sample : N1721-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-2

Quant Time: Mar 02 07:51:27 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	288782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	531275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	531564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	236611	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	184666	61.081	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.160%
35) Dibromofluoromethane	7.716	113	179887	52.961	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.920%
50) Toluene-d8	10.179	98	666190	53.282	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.560%
62) 4-Bromofluorobenzene	12.477	95	216837	53.802	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.600%

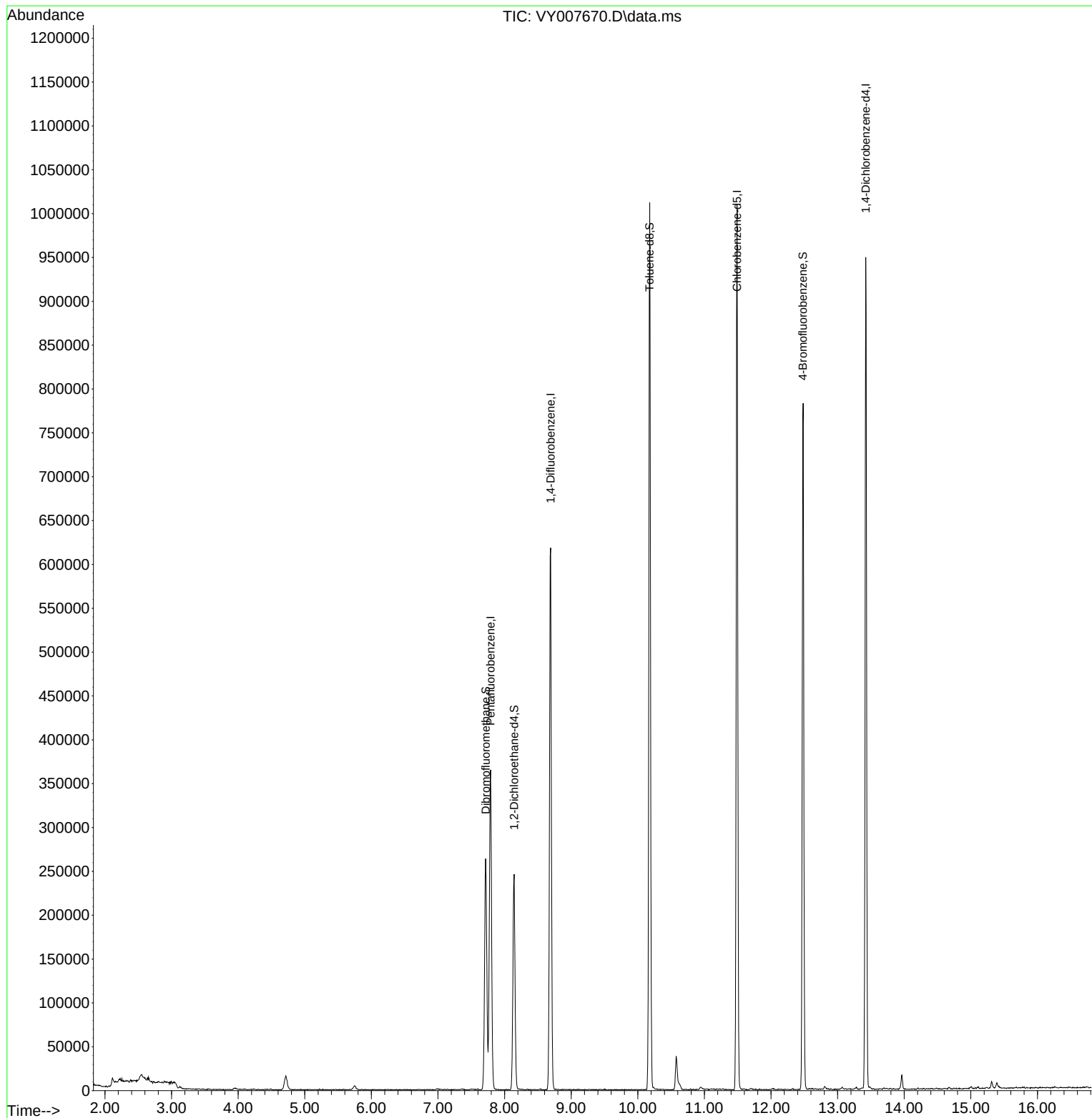
Target Compounds	Qvalue

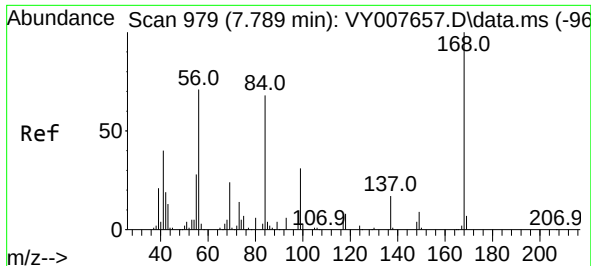
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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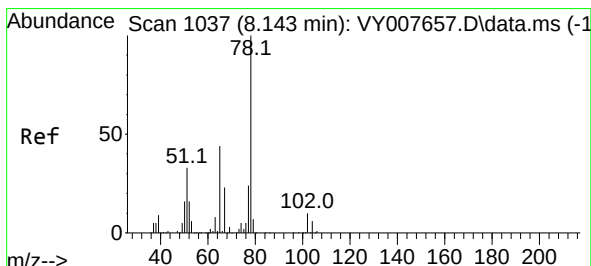
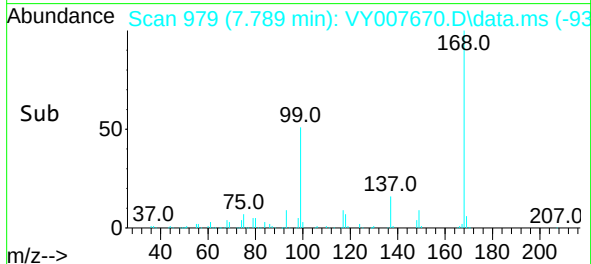
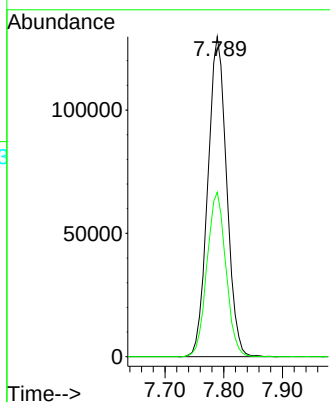
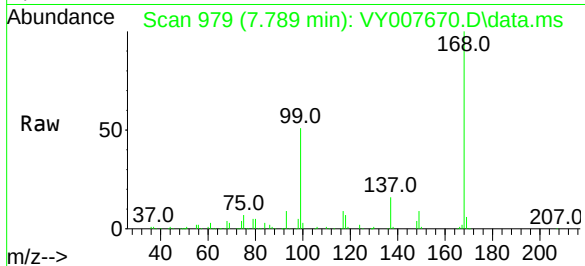




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

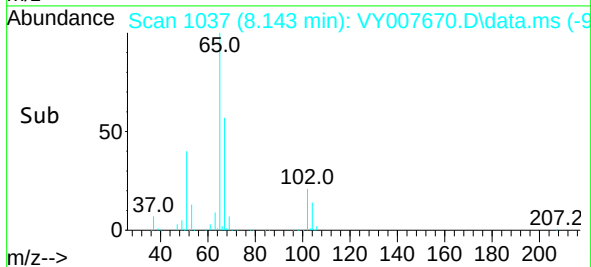
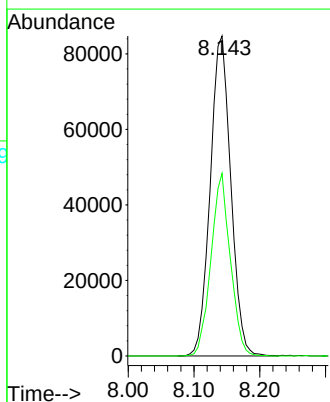
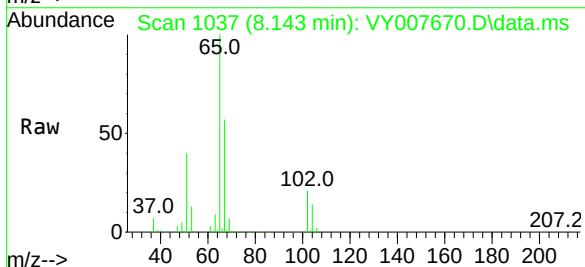
Instrument :
MSVOA_Y
ClientSampleId :
DUM-2

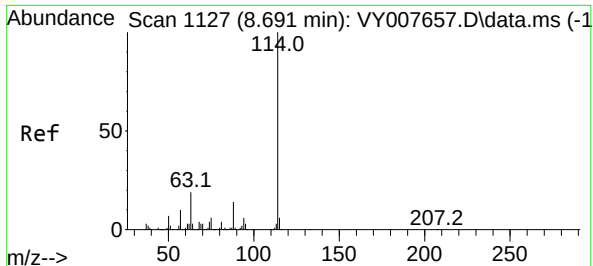
Tgt Ion:168 Resp: 288782
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.081 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

Tgt Ion: 65 Resp: 184666
Ion Ratio Lower Upper
65 100
67 53.6 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: VY007670.D

Acq: 01 Mar 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

DUM-2

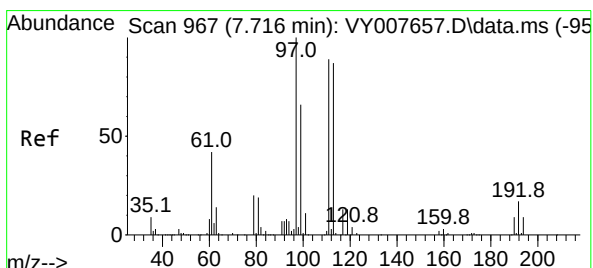
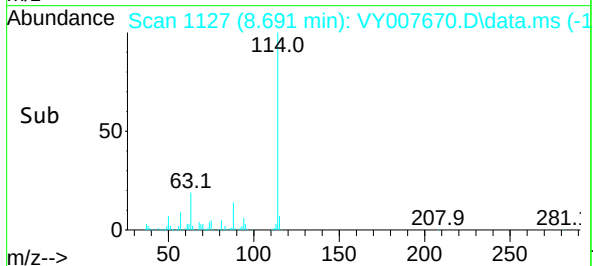
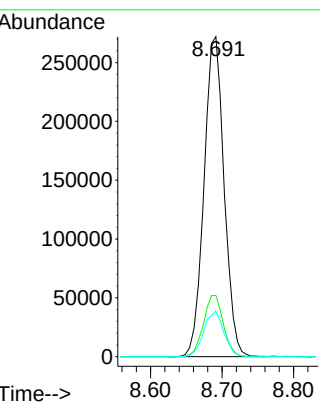
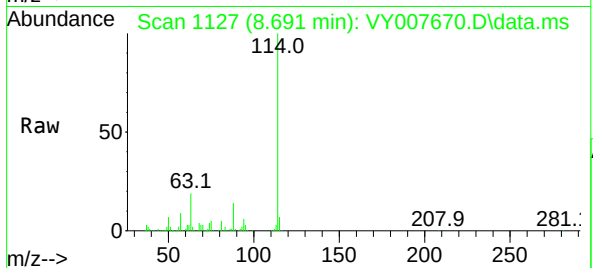
Tgt Ion:114 Resp: 531275

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.961 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007670.D

Acq: 01 Mar 2022 16:12

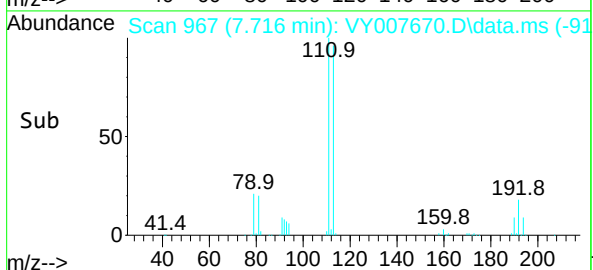
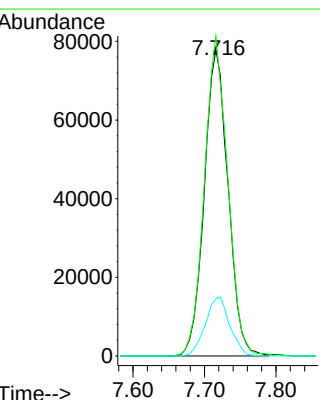
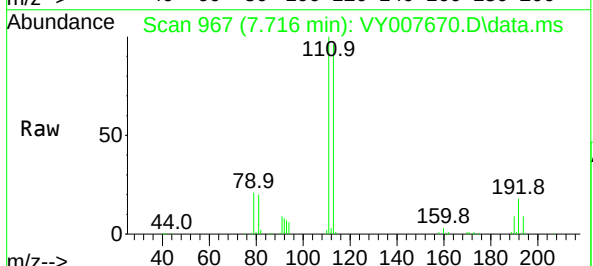
Tgt Ion:113 Resp: 179887

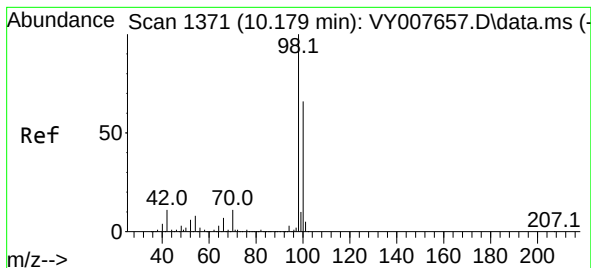
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 19.7 17.6 26.4

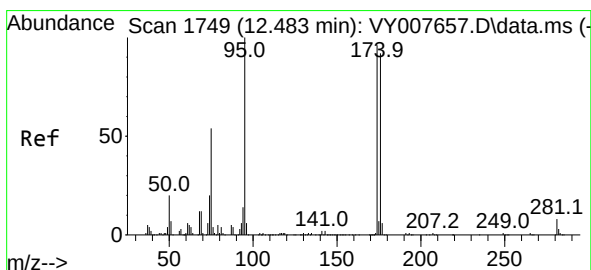
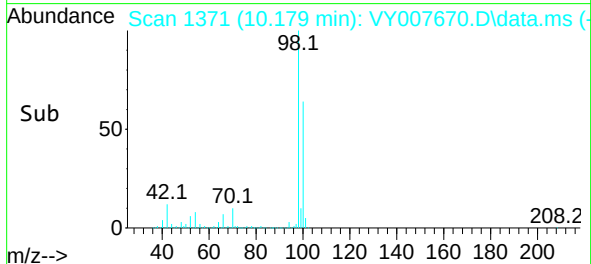
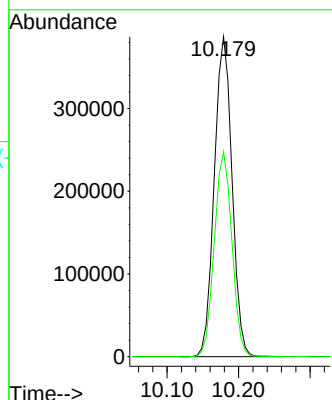
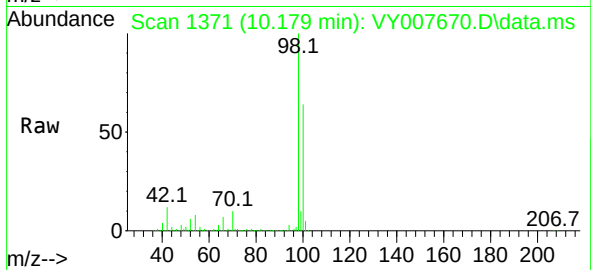




#50
Toluene-d8
Concen: 53.282 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

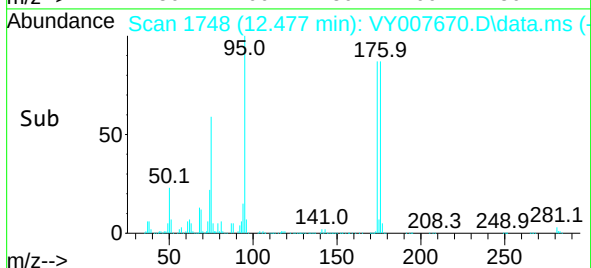
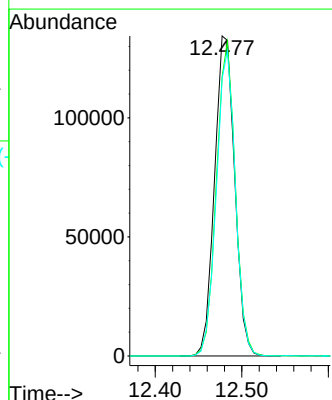
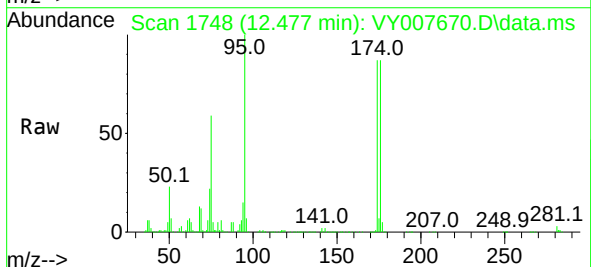
Instrument :
MSVOA_Y
ClientSampleId :
DUM-2

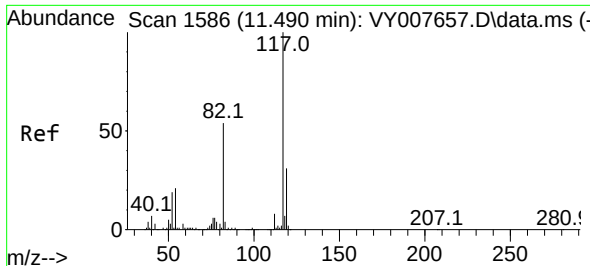
Tgt Ion: 98 Resp: 666190
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.802 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

Tgt Ion: 95 Resp: 216837
Ion Ratio Lower Upper
95 100
174 92.4 0.0 177.0
176 90.2 0.0 175.8

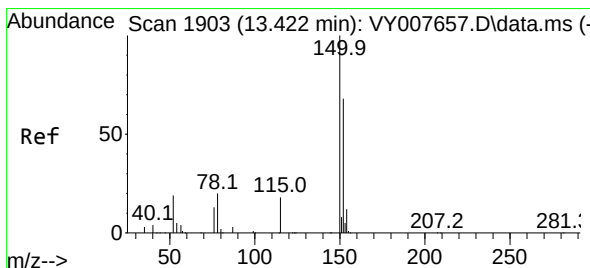
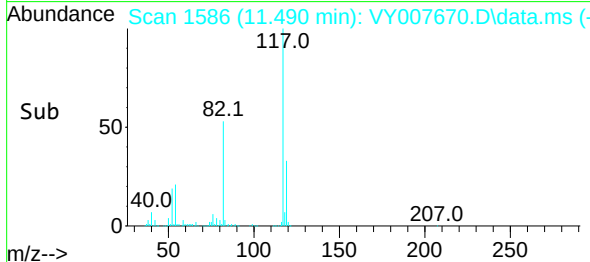
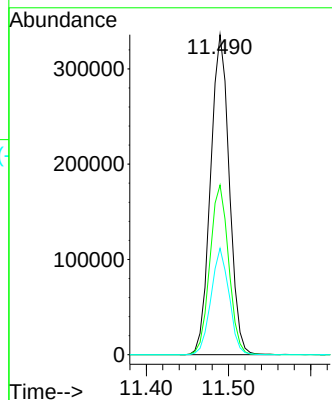
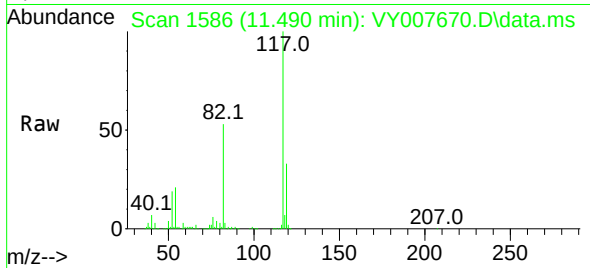




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

Instrument :
MSVOA_Y
ClientSampleId :
DUM-2

Tgt Ion:117 Resp: 531564
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 33.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007670.D
Acq: 01 Mar 2022 16:12

Tgt Ion:152 Resp: 236611
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.7
150 159.3 0.0 347.6

