

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
 Data File : VY009437.D
 Acq On : 05 Jul 2022 15:07
 Operator : KP/MD
 Sample : N3571-01
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VB16128

Quant Time: Jul 06 04:50:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	14391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	21872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	17082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7185	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	6364	55.211	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.420%
35) Dibromofluoromethane	7.716	113	5046	41.918	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.840%
50) Toluene-d8	10.173	98	18555	50.274	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	100.540%
62) 4-Bromofluorobenzene	12.477	95	4719	26.959	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	53.920%

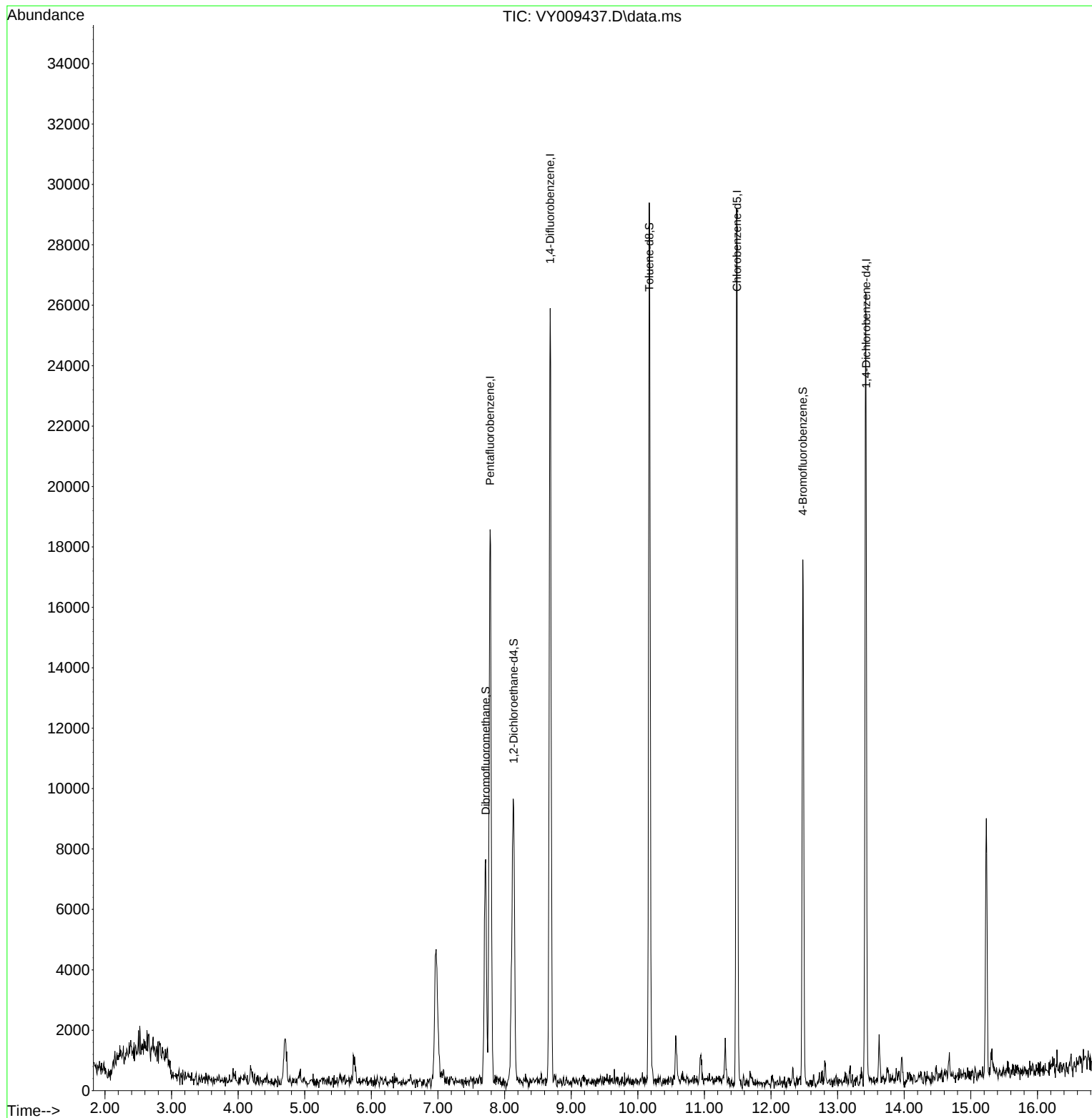
Target Compounds	Qvalue

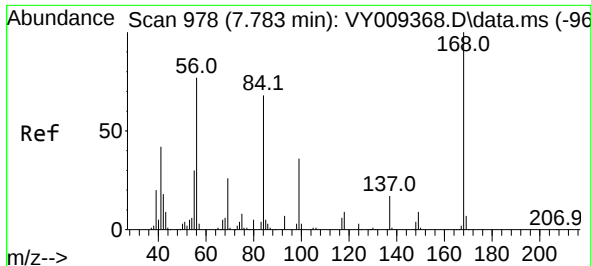
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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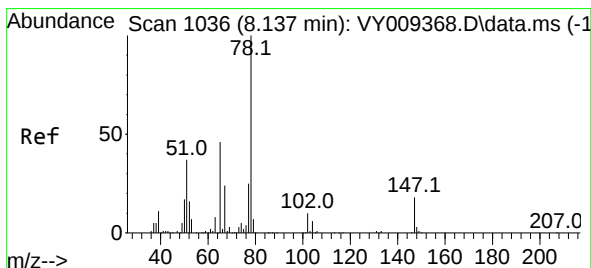
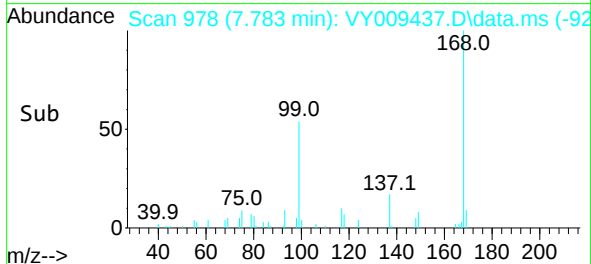
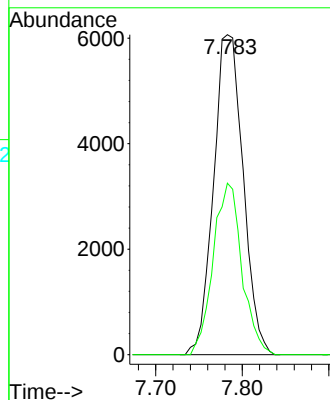
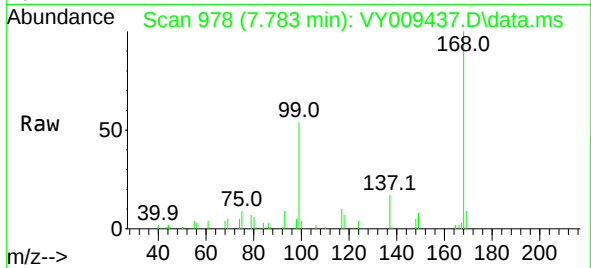




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009437.D
Acq: 05 Jul 2022 15:07

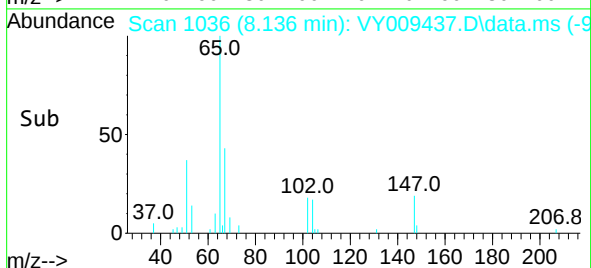
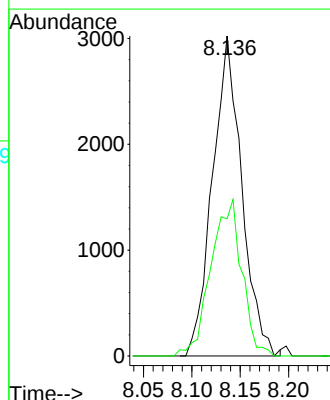
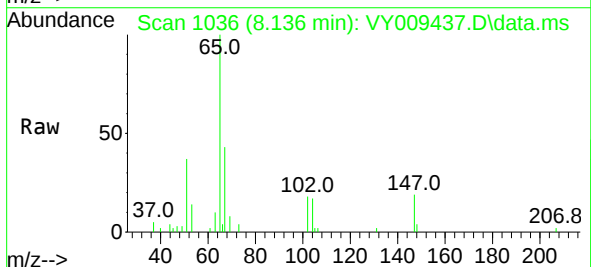
Instrument :
MSVOA_Y
ClientSampleId :
VB16128

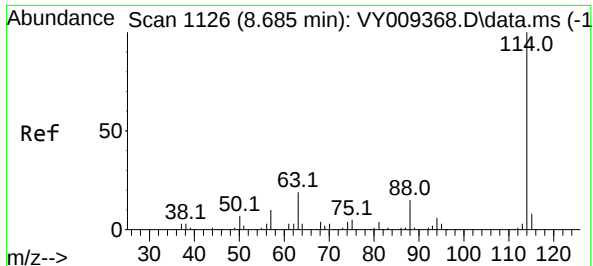
Tgt Ion:168 Resp: 14391
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.211 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009437.D
Acq: 05 Jul 2022 15:07

Tgt Ion: 65 Resp: 6364
Ion Ratio Lower Upper
65 100
67 51.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009437.D

Acq: 05 Jul 2022 15:07

Instrument :

MSVOA_Y

ClientSampleId :

VB16128

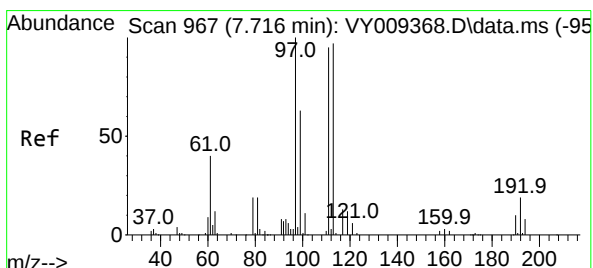
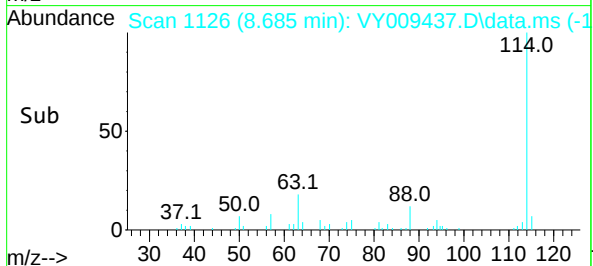
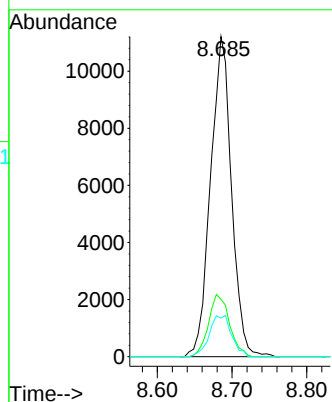
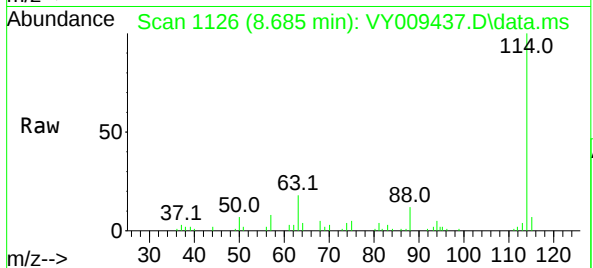
Tgt Ion:114 Resp: 21872

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 12.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.918 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009437.D

Acq: 05 Jul 2022 15:07

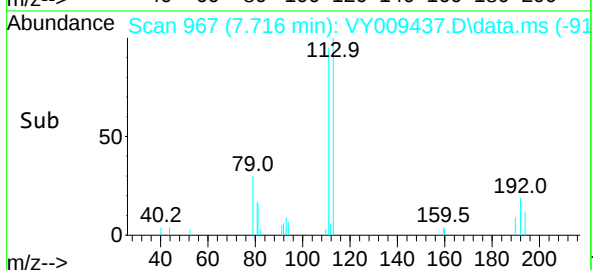
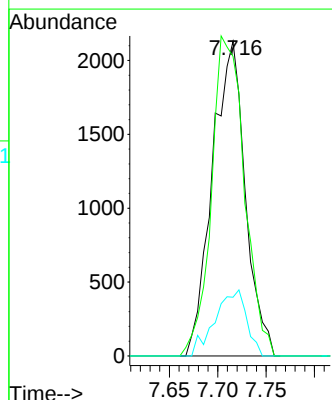
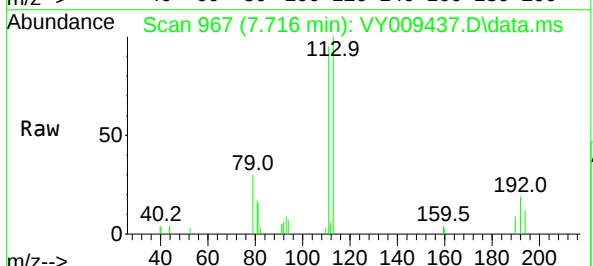
Tgt Ion:113 Resp: 5046

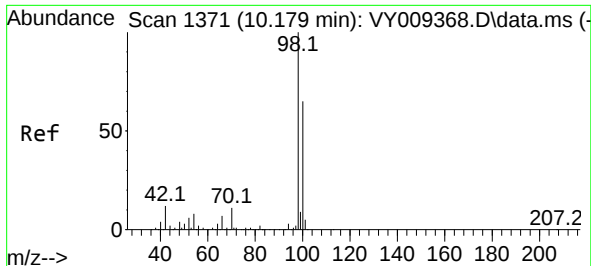
Ion Ratio Lower Upper

113 100

111 101.1 82.6 124.0

192 20.0 17.6 26.4

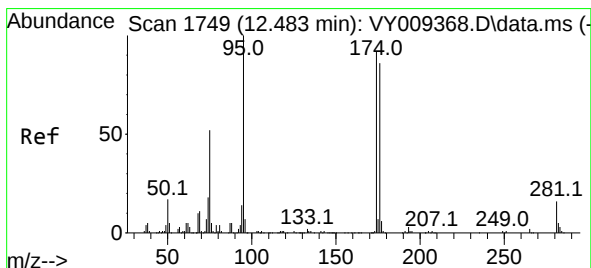
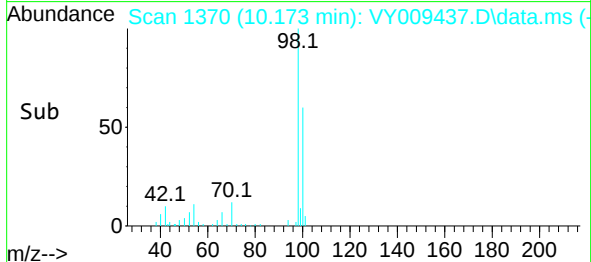
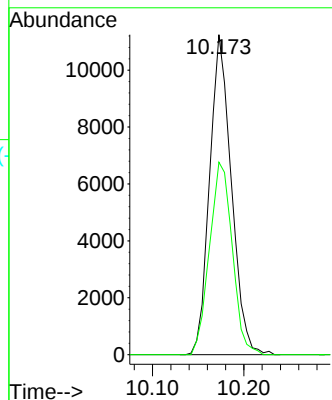
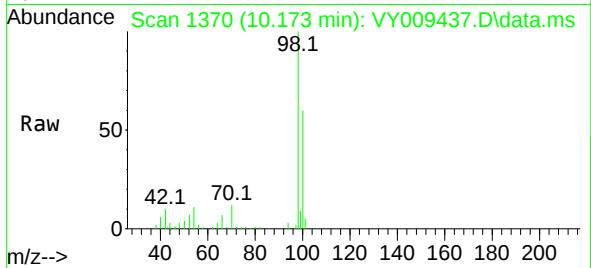




#50
Toluene-d8
Concen: 50.274 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009437.D
Acq: 05 Jul 2022 15:07

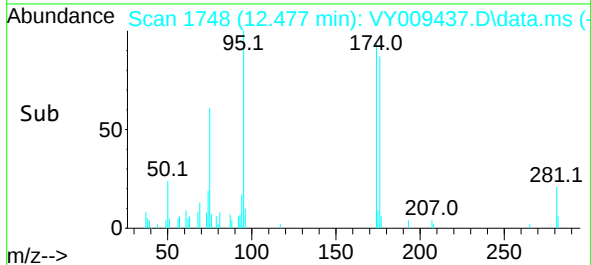
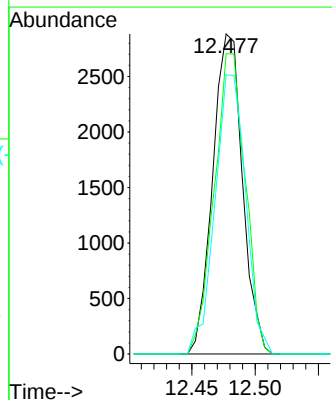
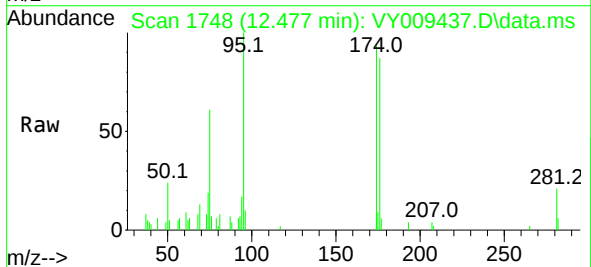
Instrument :
MSVOA_Y
ClientSampleId :
VB16128

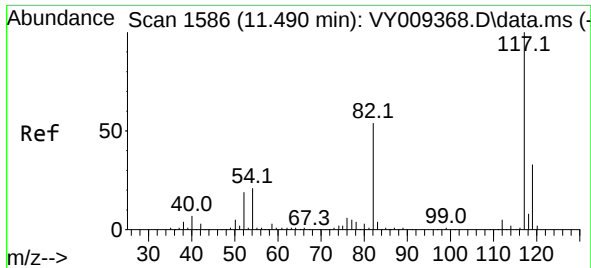
Tgt Ion: 98 Resp: 18555
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 26.959 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009437.D
Acq: 05 Jul 2022 15:07

Tgt Ion: 95 Resp: 4719
Ion Ratio Lower Upper
95 100
174 97.8 0.0 177.0
176 89.9 0.0 175.8

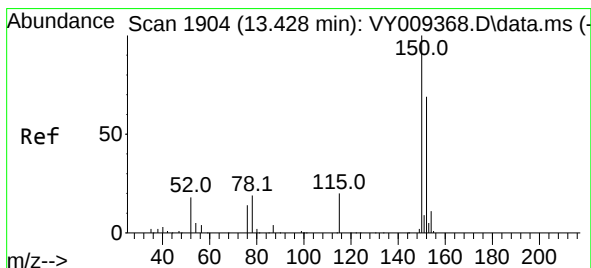
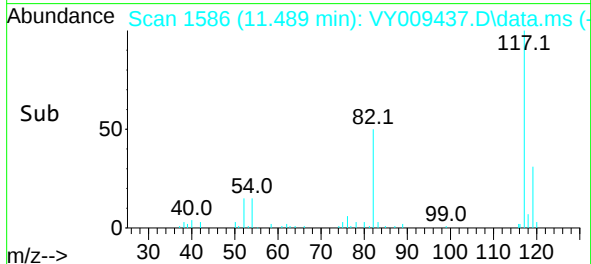
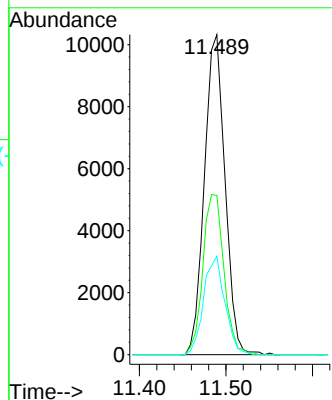
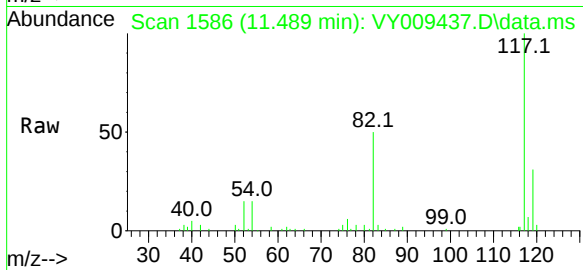




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009437.D
Acq: 05 Jul 2022 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VB16128

Tgt Ion:117 Resp: 17082
Ion Ratio Lower Upper
117 100
82 49.7 43.0 64.4
119 30.8 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: VY009437.D
Acq: 05 Jul 2022 15:07

Tgt Ion:152 Resp: 7185
Ion Ratio Lower Upper
152 100
115 48.3 28.2 84.7
150 155.9 0.0 347.6

