

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009384.D
 Acq On : 29 Jun 2022 19:47
 Operator : KP/MD
 Sample : N3488-04
 Misc : 3.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-0-2-20220623

Quant Time: Jun 30 05:14:03 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	144890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	246584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	234309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107213	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	65450	56.398	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.800%
35) Dibromofluoromethane	7.710	113	56583	41.693	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.380%
50) Toluene-d8	10.179	98	221133	53.144	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.280%
62) 4-Bromofluorobenzene	12.477	95	71843	36.405	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.820%

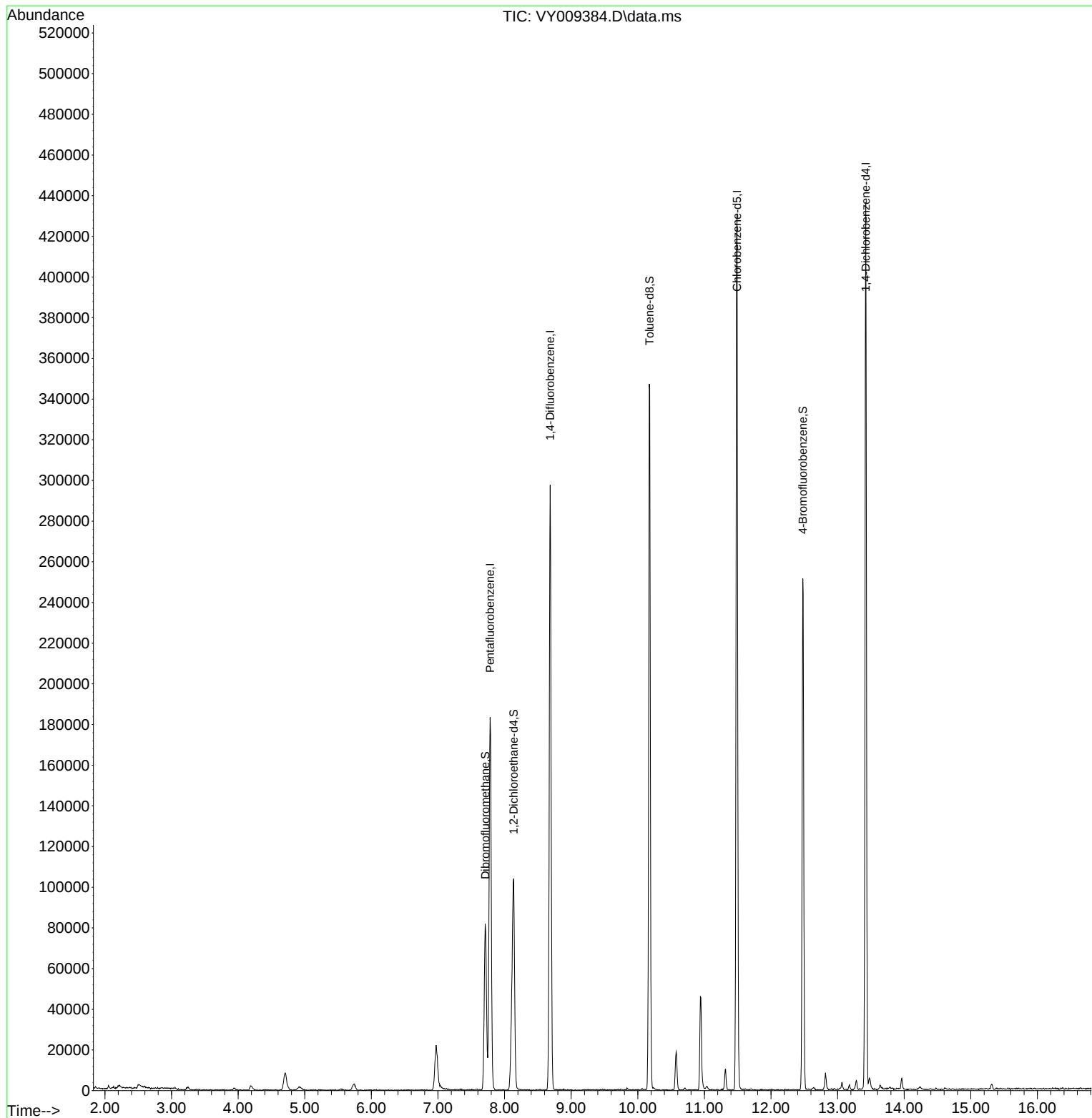
Target Compounds	Qvalue

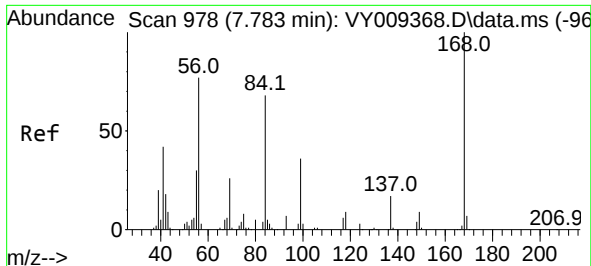
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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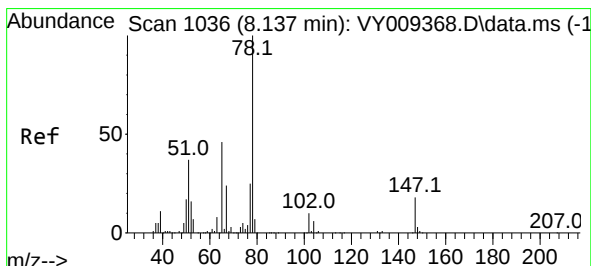
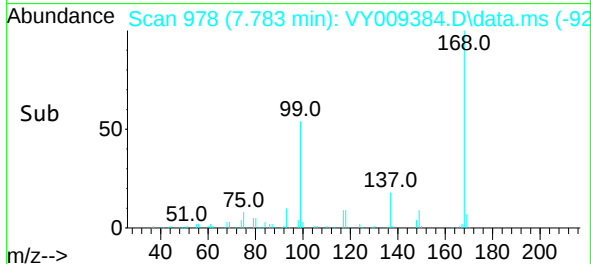
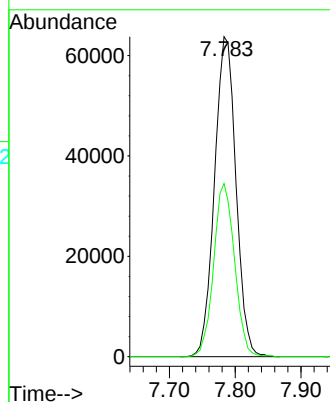
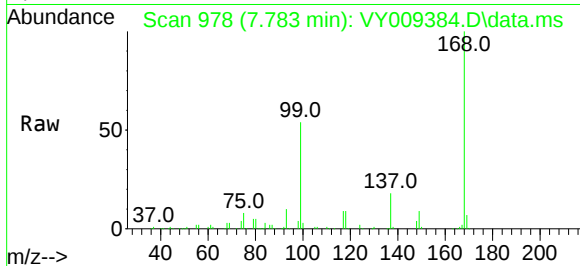




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009384.D
Acq: 29 Jun 2022 19:47

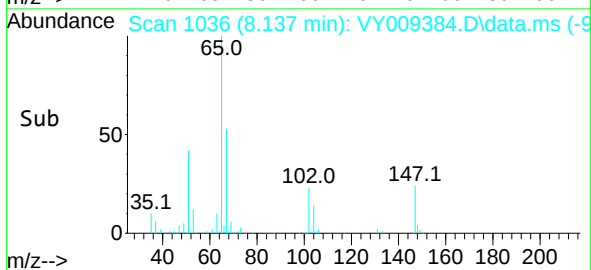
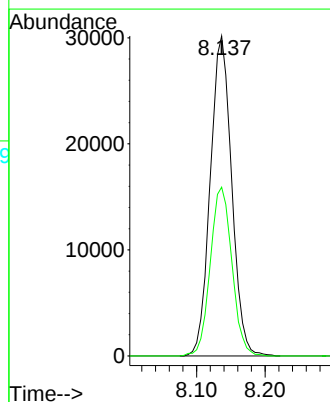
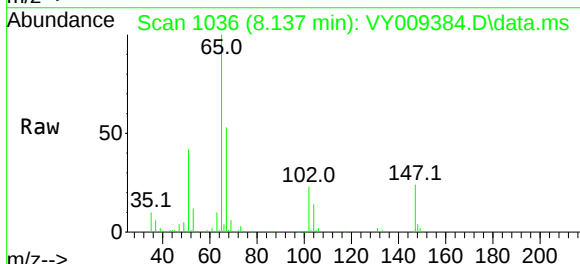
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-0-2-20220623

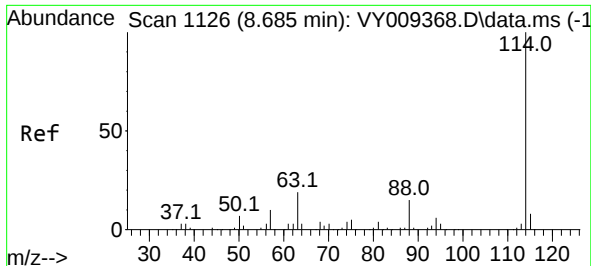
Tgt Ion:168 Resp: 144890
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.398 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009384.D
Acq: 29 Jun 2022 19:47

Tgt Ion: 65 Resp: 65450
Ion Ratio Lower Upper
65 100
67 53.4 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: VY009384.D

Acq: 29 Jun 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

SB-10-0-2-20220623

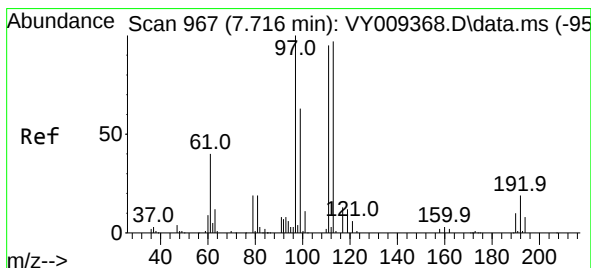
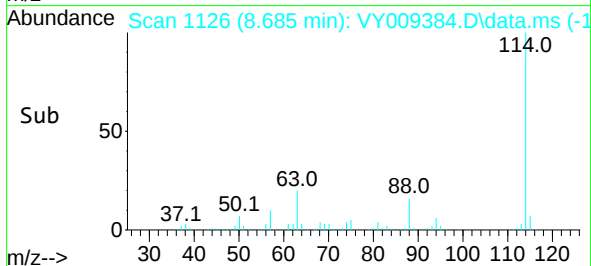
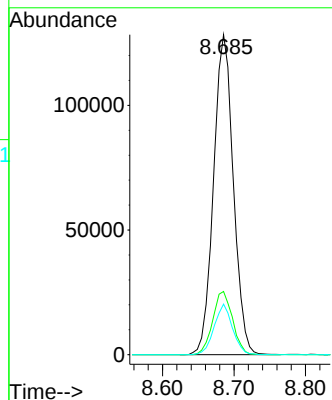
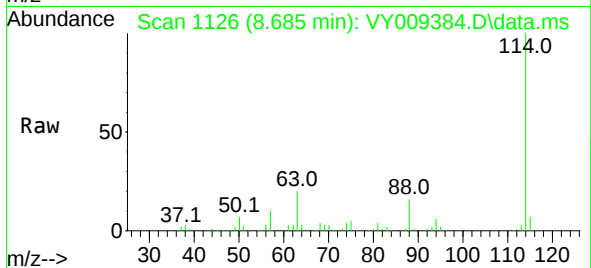
Tgt Ion:114 Resp: 246584

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.693 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009384.D

Acq: 29 Jun 2022 19:47

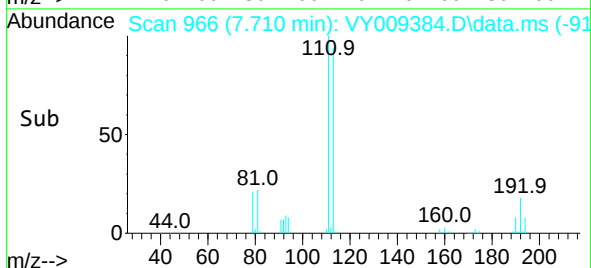
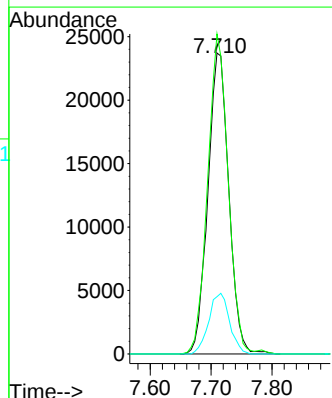
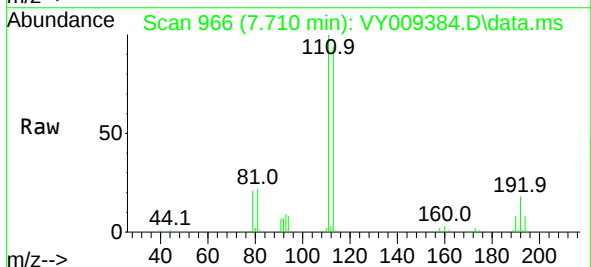
Tgt Ion:113 Resp: 56583

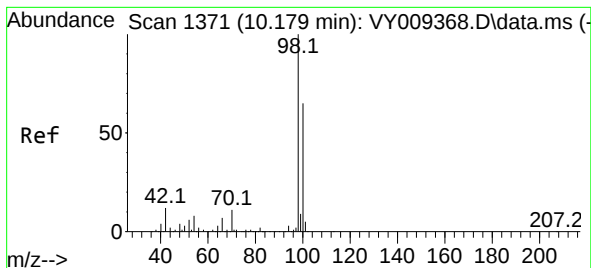
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 20.1 17.6 26.4





#50

Toluene-d8

Concen: 53.144 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009384.D

Acq: 29 Jun 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

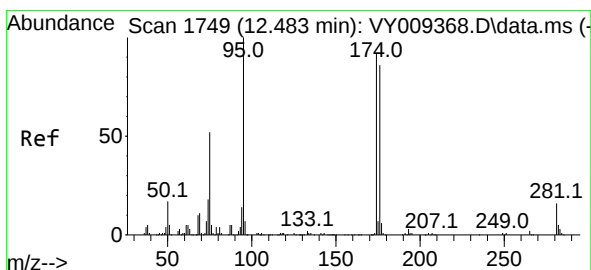
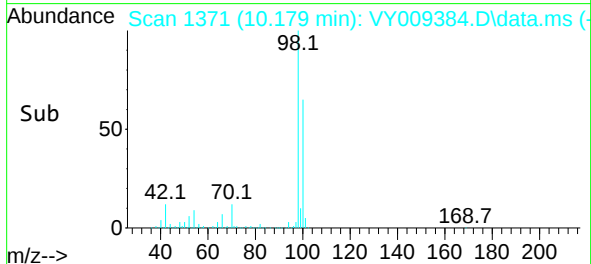
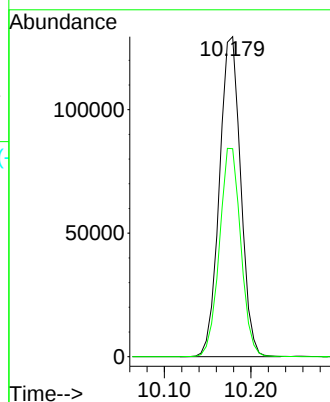
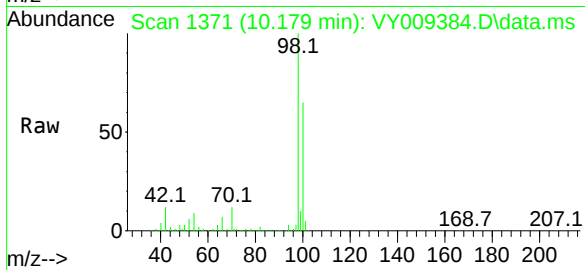
SB-10-0-2-20220623

Tgt Ion: 98 Resp: 221133

Ion Ratio Lower Upper

98 100

100 65.4 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 36.405 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009384.D

Acq: 29 Jun 2022 19:47

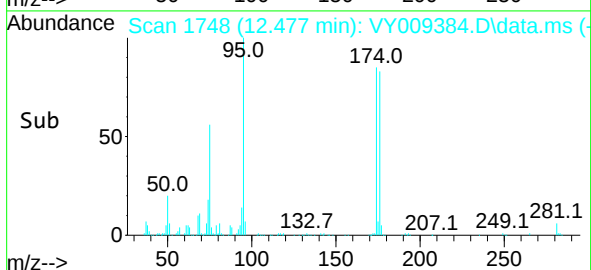
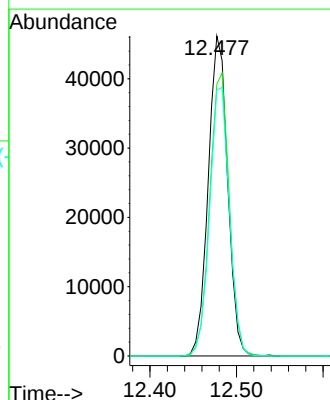
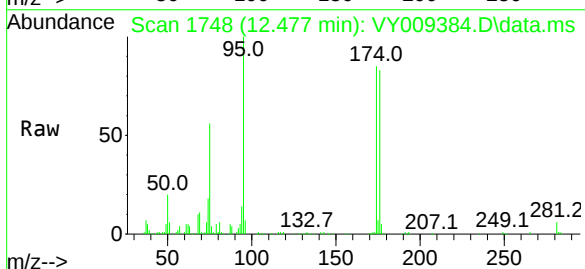
Tgt Ion: 95 Resp: 71843

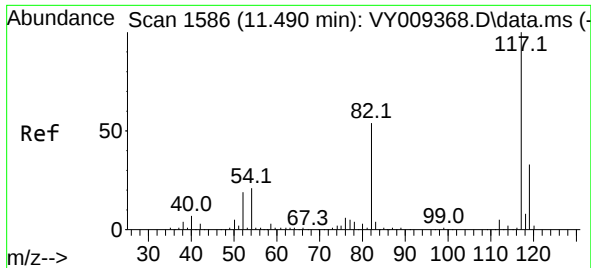
Ion Ratio Lower Upper

95 100

174 89.2 0.0 177.0

176 85.4 0.0 175.8

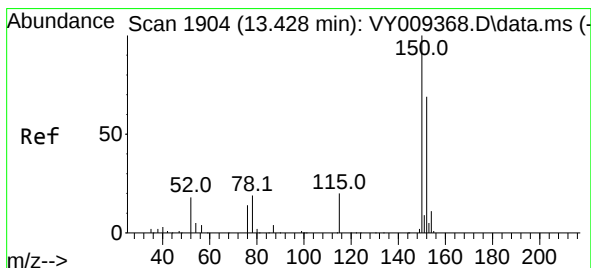
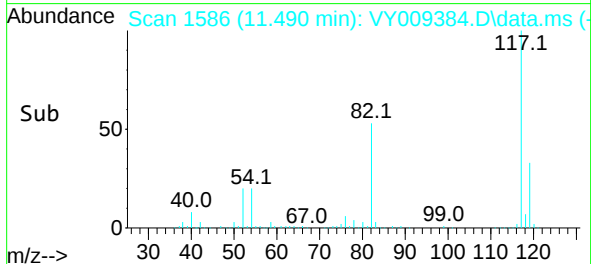
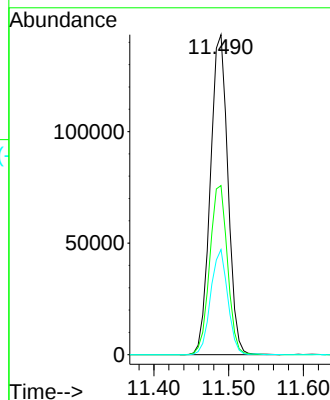
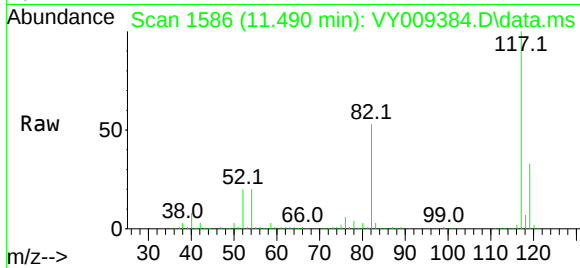




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009384.D
Acq: 29 Jun 2022 19:47

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-0-2-20220623

Tgt Ion:117 Resp: 234309
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 32.8 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: VY009384.D
Acq: 29 Jun 2022 19:47

Tgt Ion:152 Resp: 107213
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 158.2 0.0 347.6

