

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
 Data File : VY009453.D
 Acq On : 06 Jul 2022 14:54
 Operator : KP/MD
 Sample : N3581-01
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-6-070522

Quant Time: Jul 07 01:50:04 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	224347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	381541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	354069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173402	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	99428	55.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.660%
35) Dibromofluoromethane	7.710	113	91646	43.643	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.280%
50) Toluene-d8	10.173	98	333112	51.739	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	103.480%
62) 4-Bromofluorobenzene	12.477	95	120250	39.381	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	78.760%

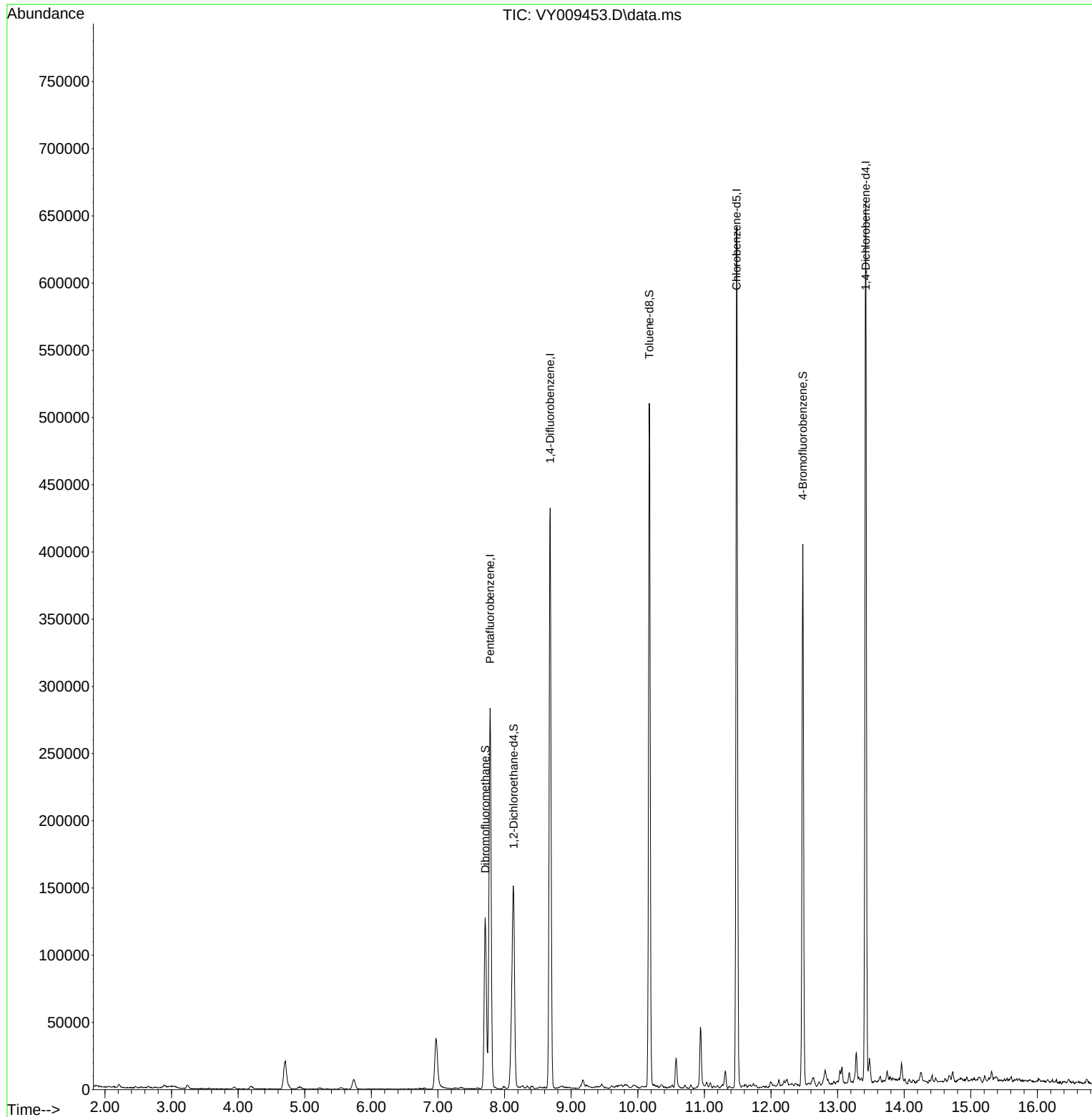
Target Compounds	Qvalue

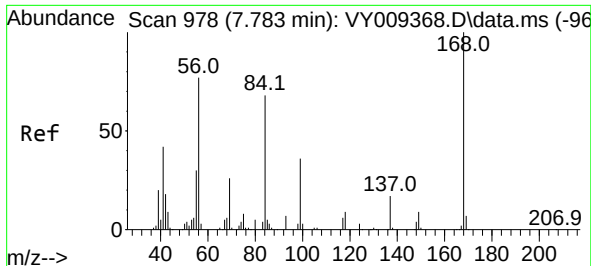
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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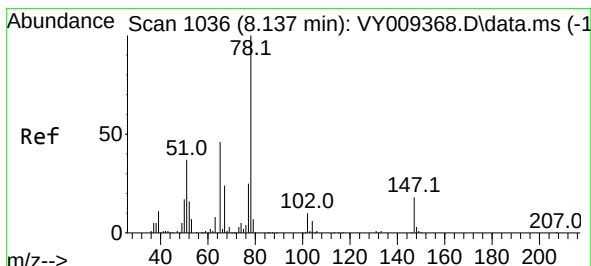
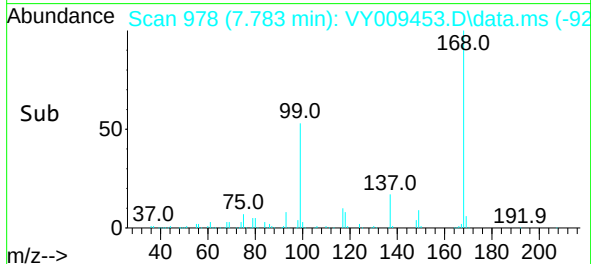
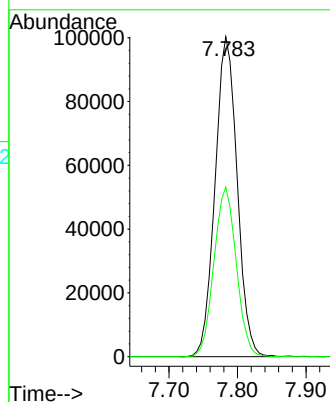
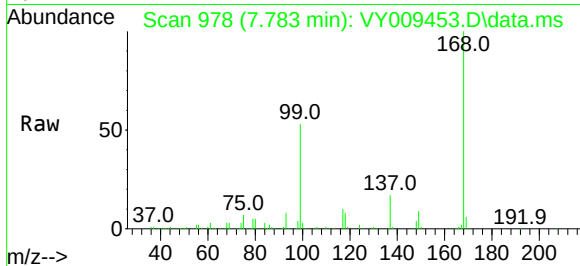




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009453.D
Acq: 06 Jul 2022 14:54

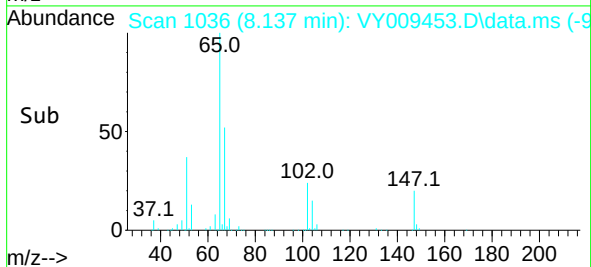
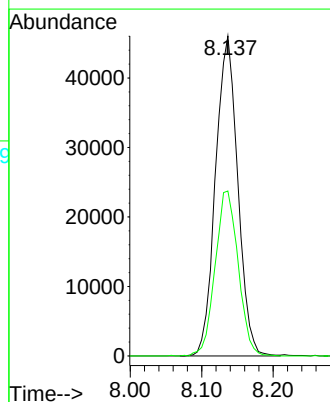
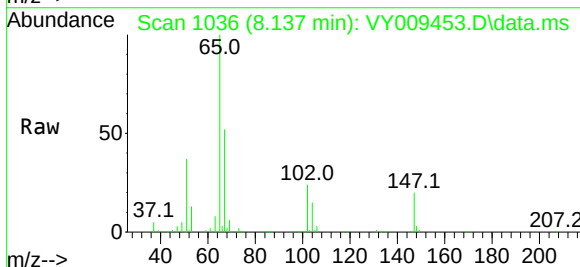
Instrument :
MSVOA_Y
ClientSampleId :
AU-6-070522

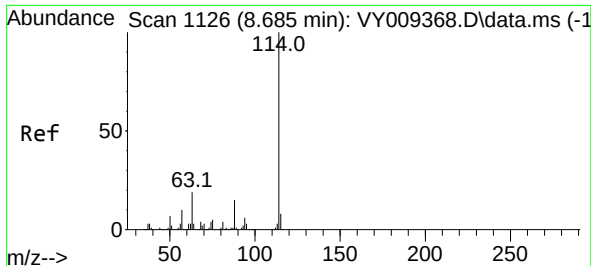
Tgt Ion:168 Resp: 224347
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.332 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009453.D
Acq: 06 Jul 2022 14:54

Tgt Ion: 65 Resp: 99428
Ion Ratio Lower Upper
65 100
67 53.5 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: VY009453.D

Acq: 06 Jul 2022 14:54

Instrument :

MSVOA_Y

ClientSampleId :

AU-6-070522

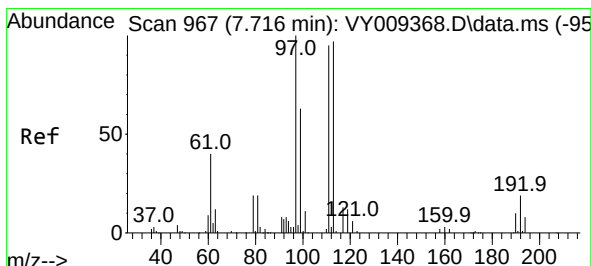
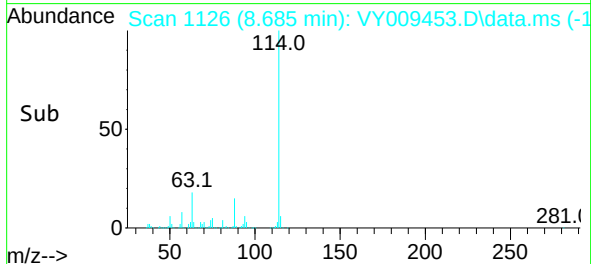
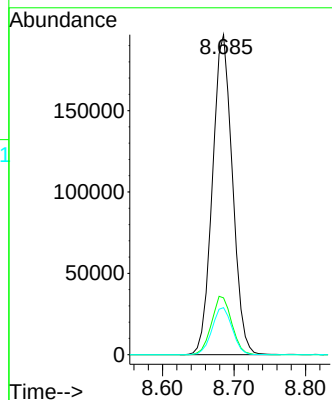
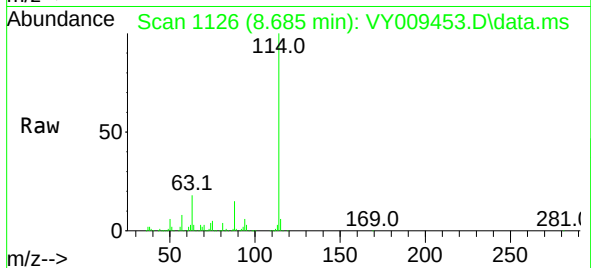
Tgt Ion:114 Resp: 381541

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.643 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009453.D

Acq: 06 Jul 2022 14:54

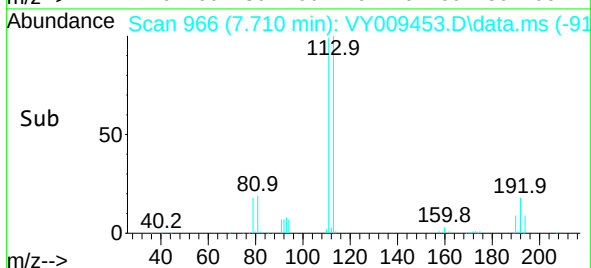
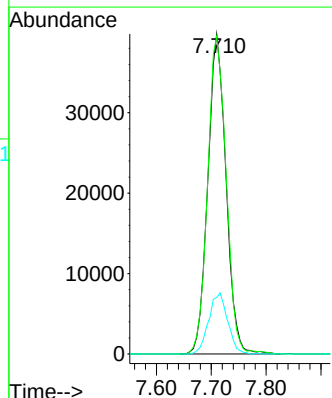
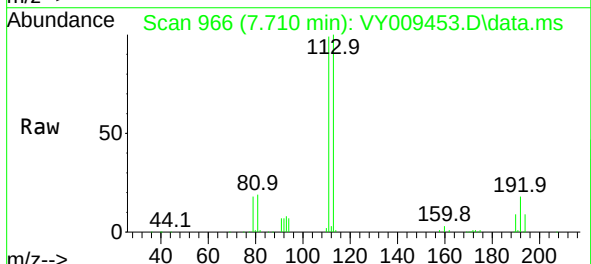
Tgt Ion:113 Resp: 91646

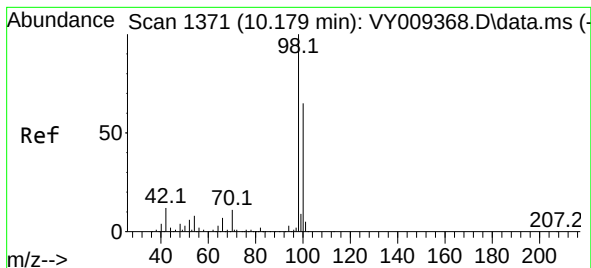
Ion Ratio Lower Upper

113 100

111 101.3 82.6 124.0

192 19.8 17.6 26.4





#50

Toluene-d8

Concen: 51.739 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009453.D

Acq: 06 Jul 2022 14:54

Instrument :

MSVOA_Y

ClientSampleId :

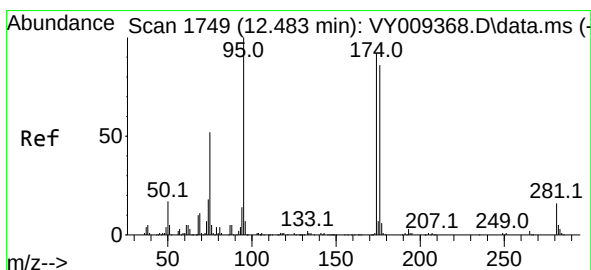
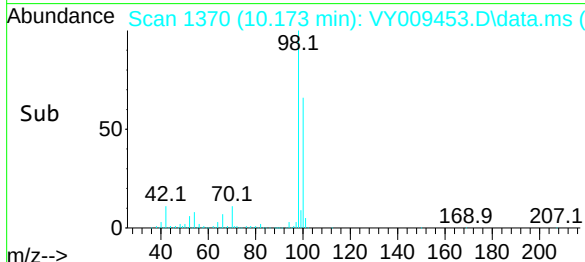
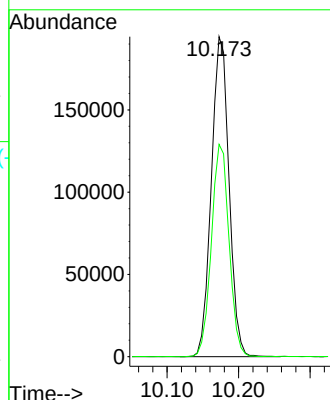
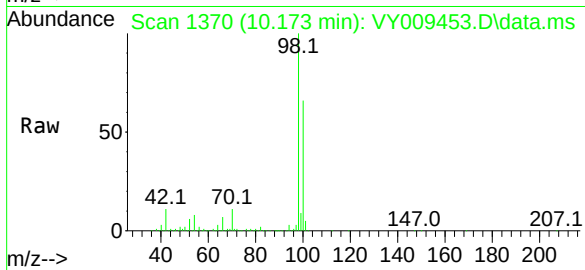
AU-6-070522

Tgt Ion: 98 Resp: 333112

Ion Ratio Lower Upper

98 100

100 66.3 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 39.381 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009453.D

Acq: 06 Jul 2022 14:54

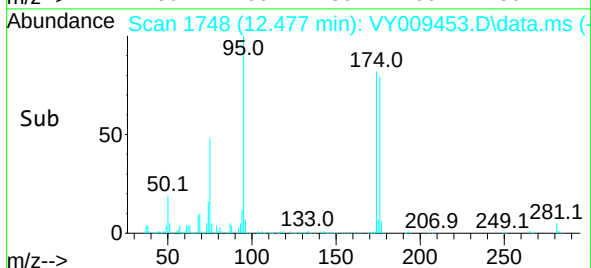
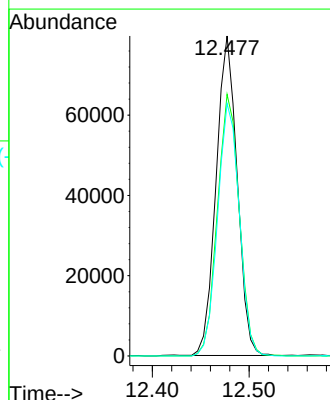
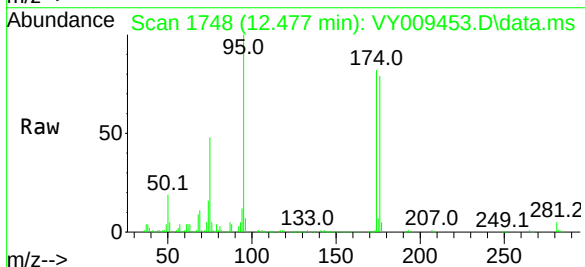
Tgt Ion: 95 Resp: 120250

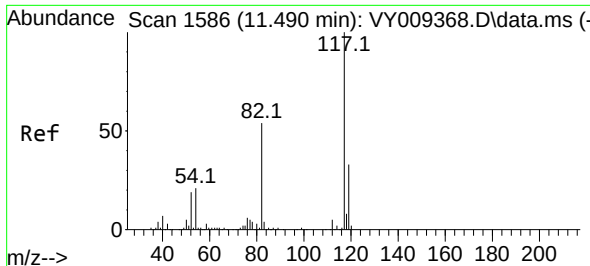
Ion Ratio Lower Upper

95 100

174 84.6 0.0 177.0

176 81.6 0.0 175.8

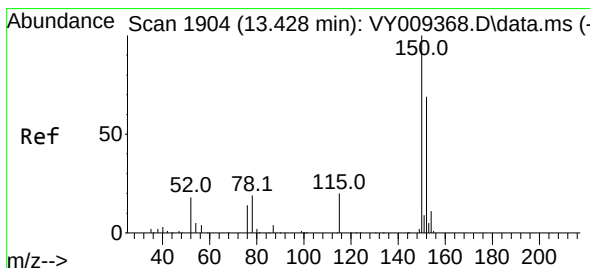
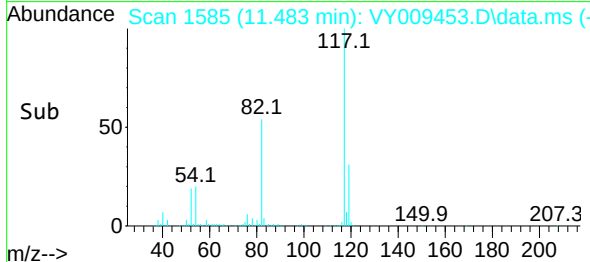
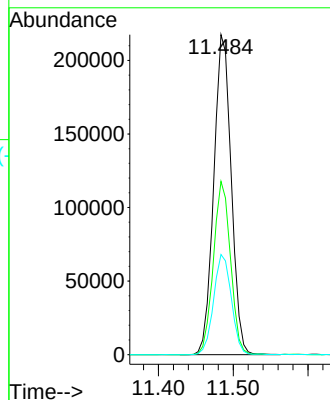
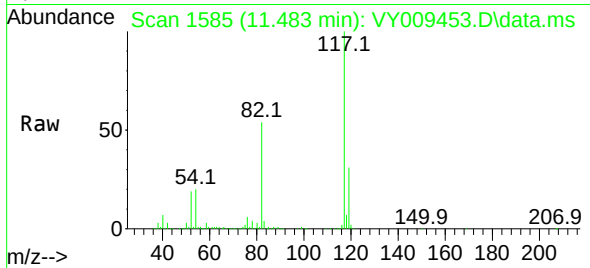




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009453.D
Acq: 06 Jul 2022 14:54

Instrument :
MSVOA_Y
ClientSampleId :
AU-6-070522

Tgt Ion:117 Resp: 354069
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 31.3 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: VY009453.D
Acq: 06 Jul 2022 14:54

Tgt Ion:152 Resp: 173402
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 154.1 0.0 347.6

