

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009303.D
 Acq On : 23 Jun 2022 18:41
 Operator : KP/MD
 Sample : N3462-08
 Misc : 2.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-3-5-20220622

Quant Time: Jun 24 09:24:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	180479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	309775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	295888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132594	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	104288	52.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.220%
35) Dibromofluoromethane	7.716	113	92326	46.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.040%
50) Toluene-d8	10.179	98	375049	48.666	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.340%
62) 4-Bromofluorobenzene	12.477	95	124897	46.121	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.240%

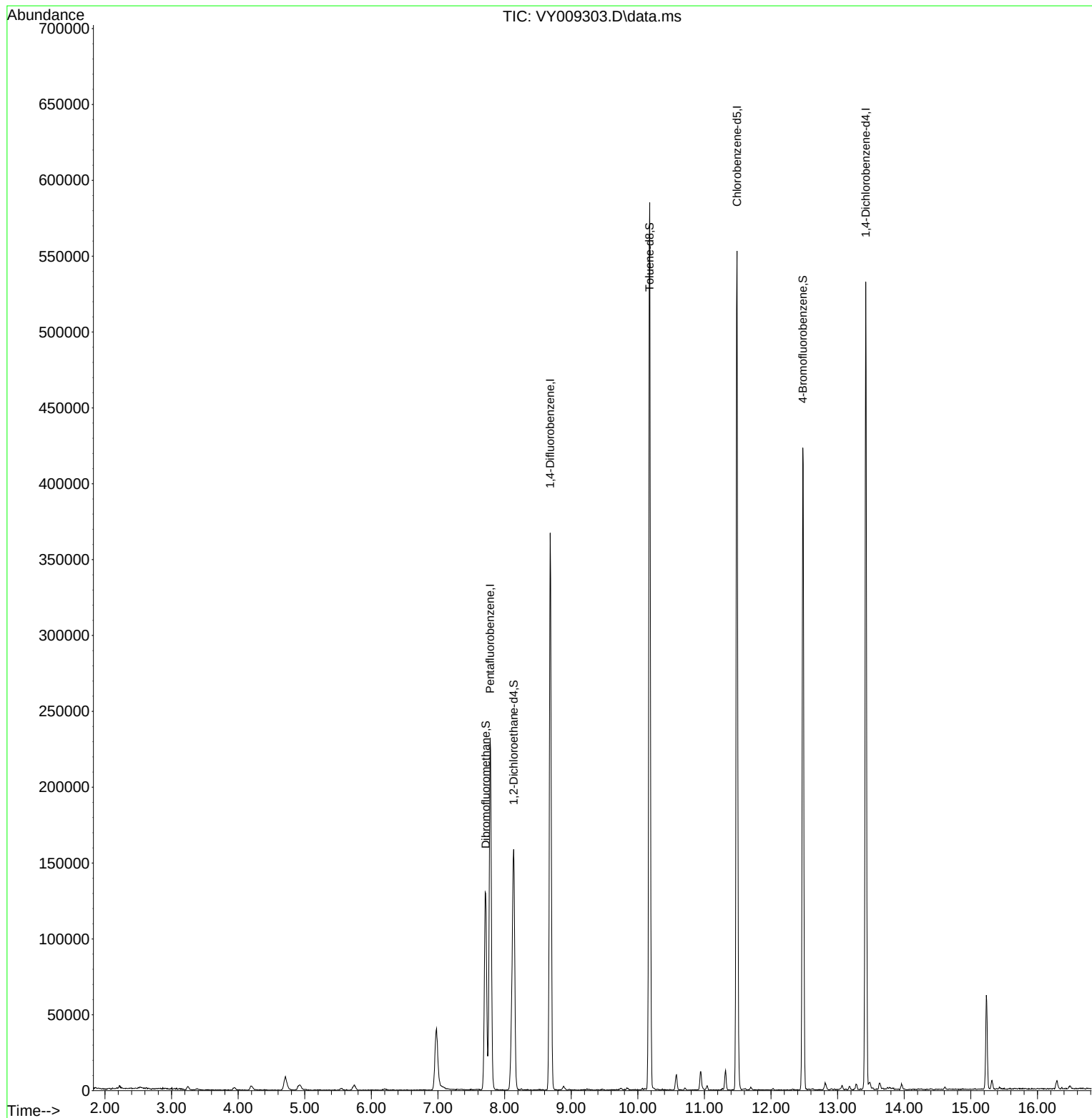
Target Compounds	Qvalue

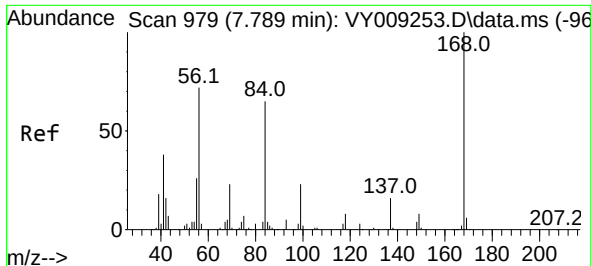
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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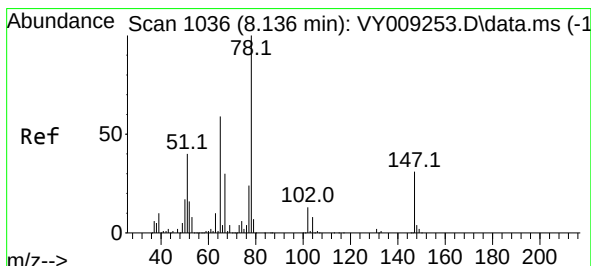
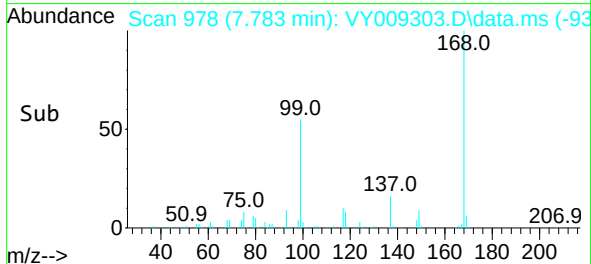
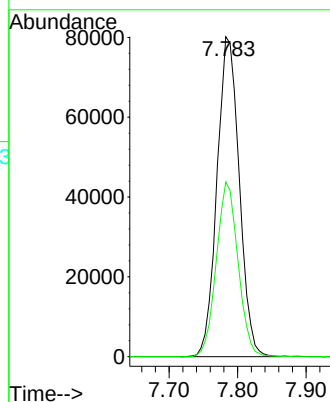
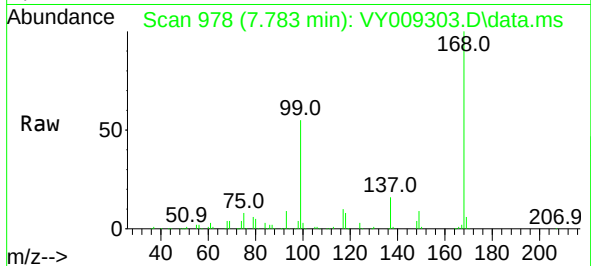




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009303.D
Acq: 23 Jun 2022 18:41

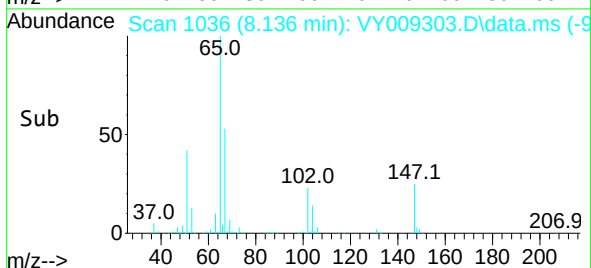
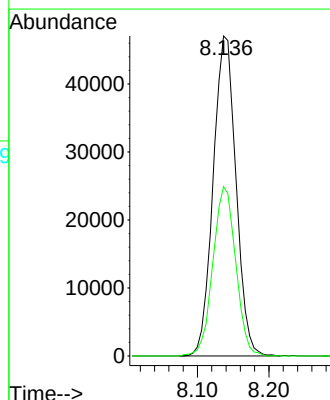
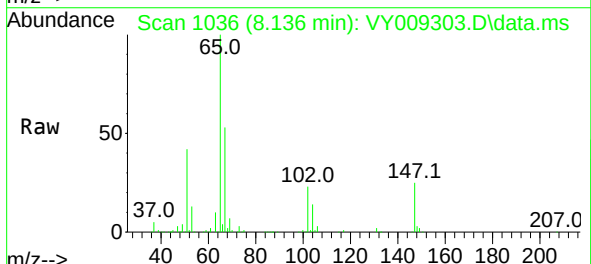
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-3-5-20220622

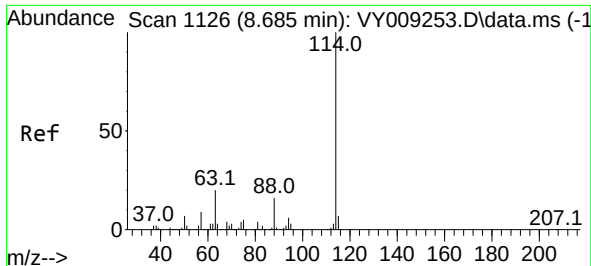
Tgt Ion:168 Resp: 180479
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.614 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009303.D
Acq: 23 Jun 2022 18:41

Tgt Ion: 65 Resp: 104288
Ion Ratio Lower Upper
65 100
67 52.9 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: VY009303.D

Acq: 23 Jun 2022 18:41

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-3-5-20220622

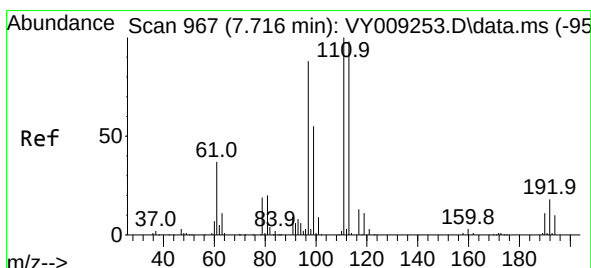
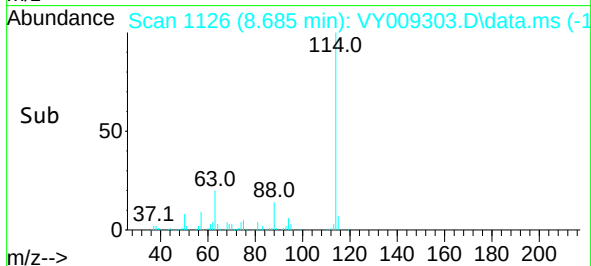
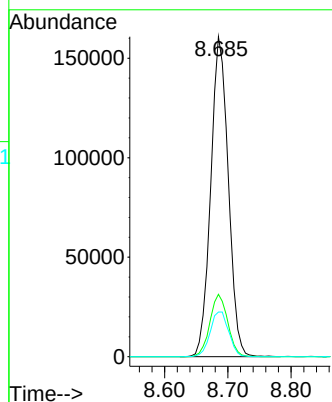
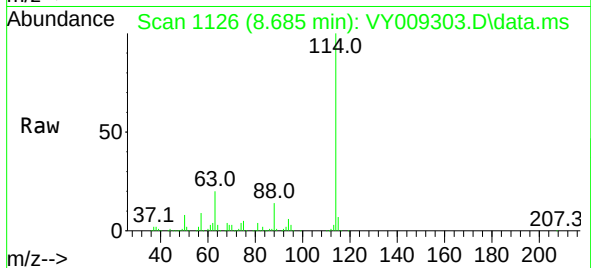
Tgt Ion:114 Resp: 309775

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.021 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009303.D

Acq: 23 Jun 2022 18:41

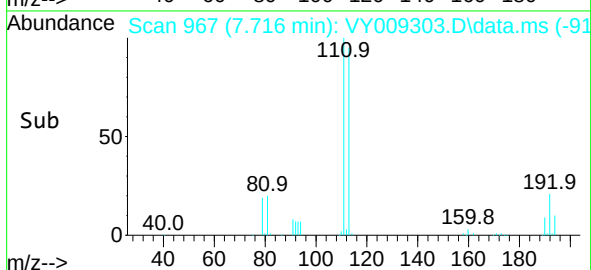
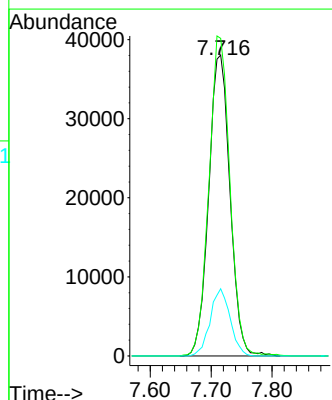
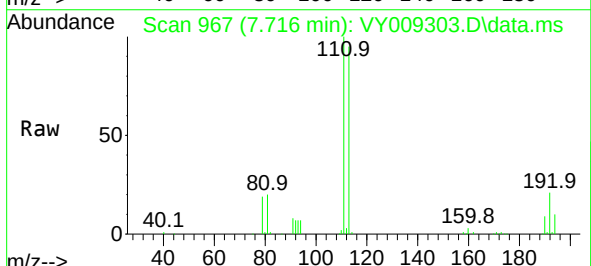
Tgt Ion:113 Resp: 92326

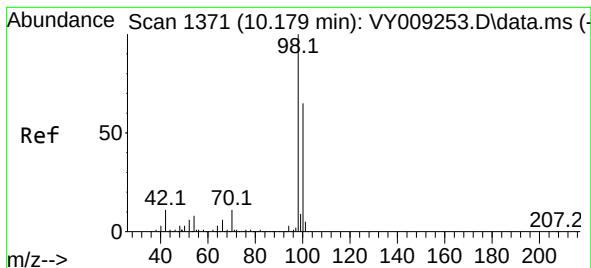
Ion Ratio Lower Upper

113 100

111 104.9 82.6 124.0

192 21.0 17.6 26.4





#50

Toluene-d8

Concen: 48.666 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009303.D

Acq: 23 Jun 2022 18:41

Instrument :

MSVOA_Y

ClientSampleId :

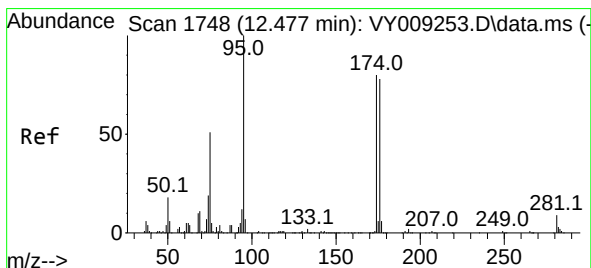
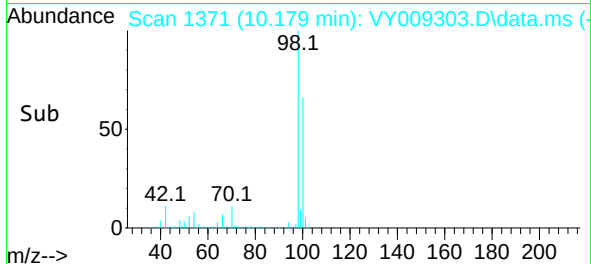
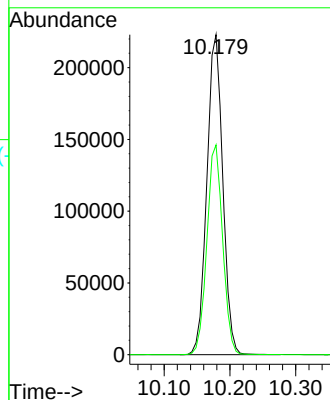
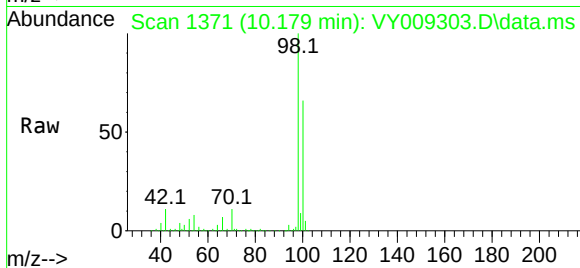
SB-2-3-5-20220622

Tgt Ion: 98 Resp: 375049

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 46.121 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009303.D

Acq: 23 Jun 2022 18:41

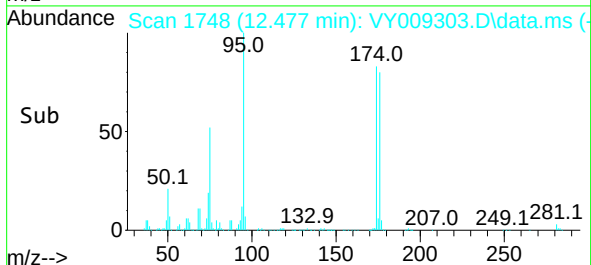
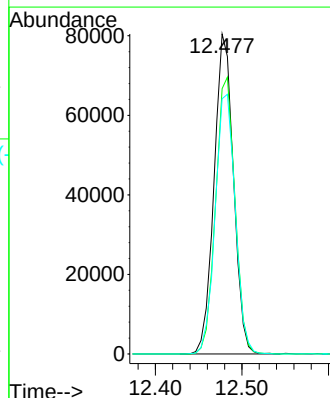
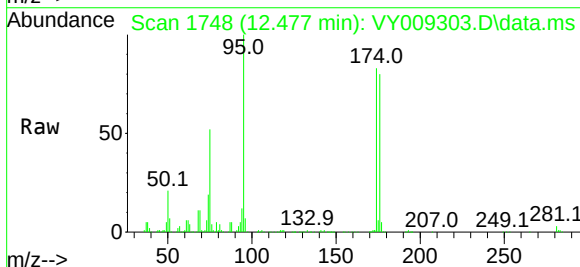
Tgt Ion: 95 Resp: 124897

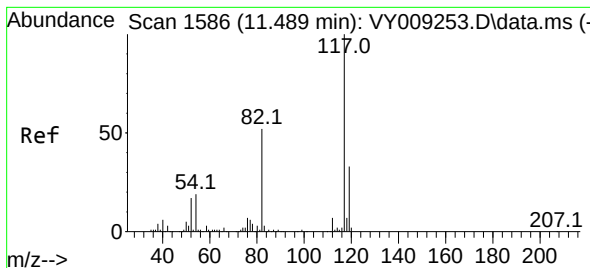
Ion Ratio Lower Upper

95 100

174 86.6 0.0 177.0

176 84.1 0.0 175.8

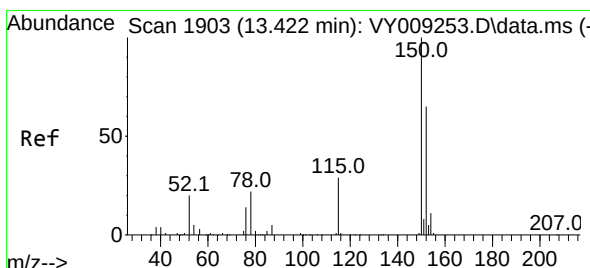
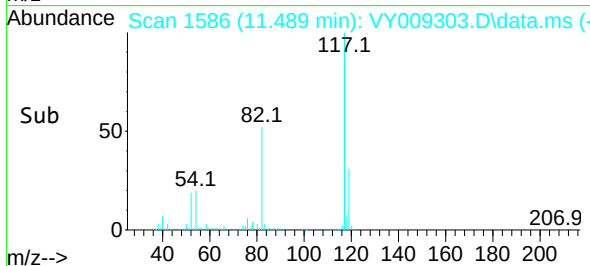
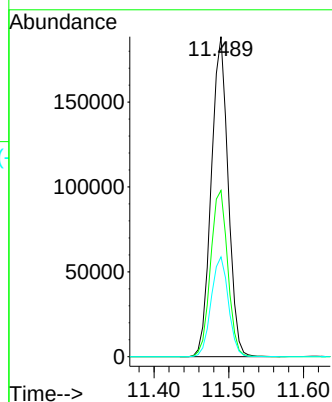
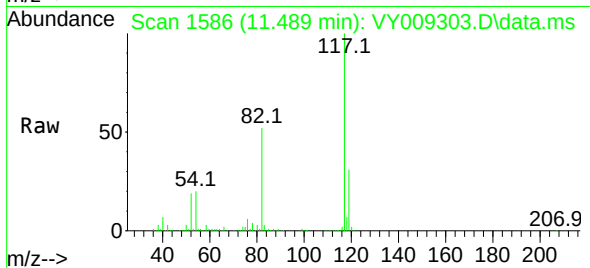




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009303.D
Acq: 23 Jun 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-3-5-20220622

Tgt Ion:117 Resp: 295888
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 31.2 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: VY009303.D
Acq: 23 Jun 2022 18:41

Tgt Ion:152 Resp: 132594
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 158.3 0.0 347.6

