

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009321.D
 Acq On : 25 Jun 2022 14:11
 Operator : KP/MD
 Sample : N3488-01
 Misc : 3.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9-0-2-20220623

Quant Time: Jun 27 10:27:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	179827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	306172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	286606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	128504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105010	80.324	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 160.640%	
35) Dibromofluoromethane	7.716	113	94310	57.068	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.140%	
50) Toluene-d8	10.173	98	366393	79.949	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 159.900%#	
62) 4-Bromofluorobenzene	12.477	95	121219	51.503	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.000%	

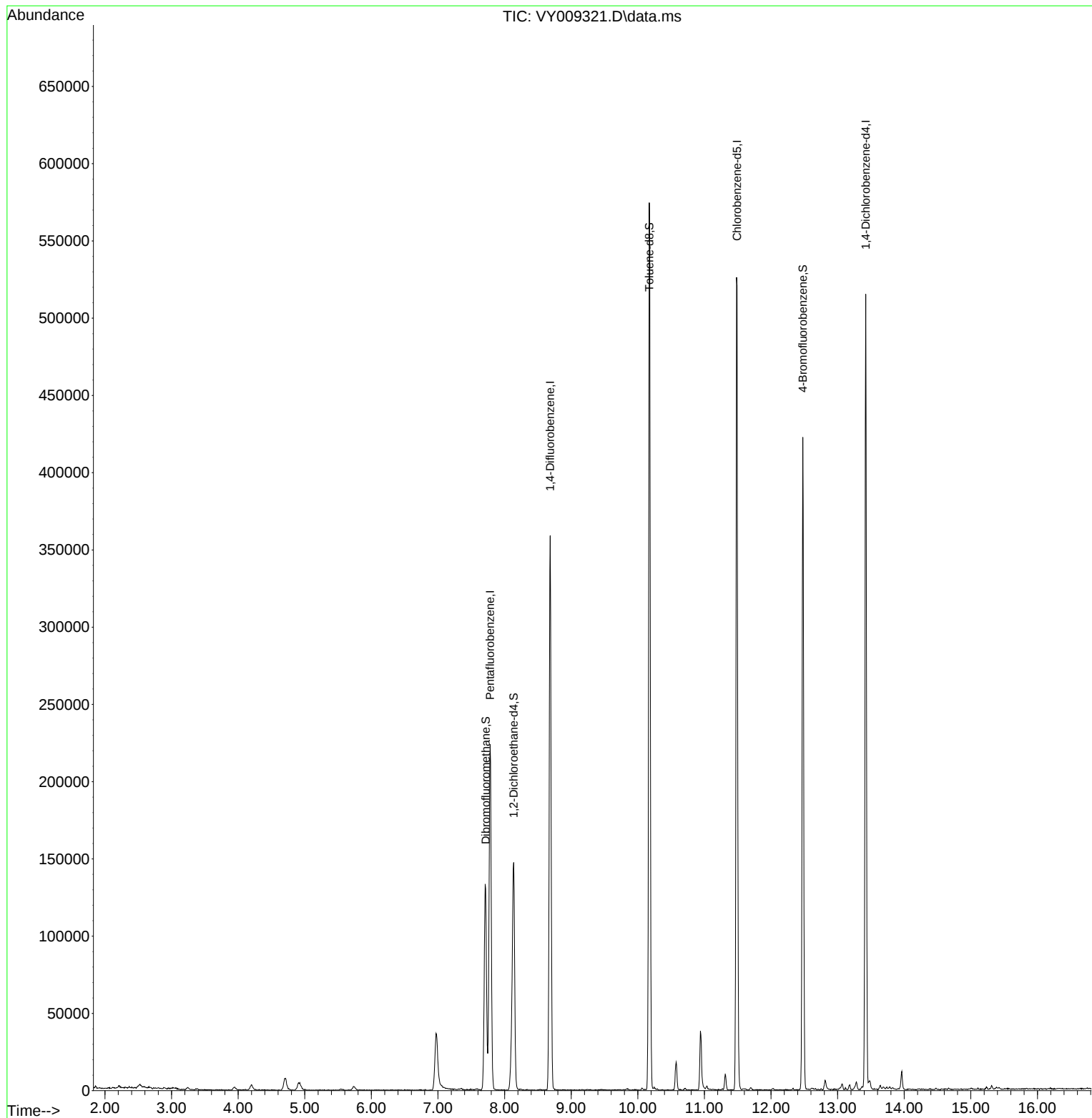
Target Compounds Qvalue

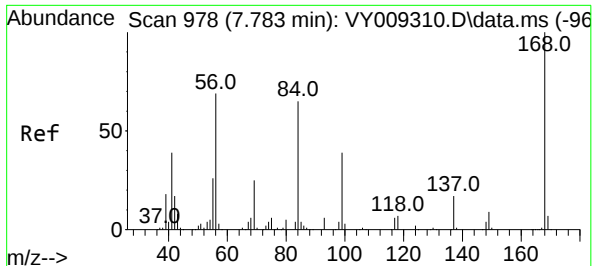
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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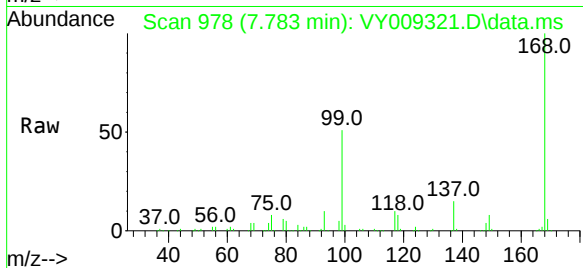
Quant Time: Jun 27 10:27:42 2022
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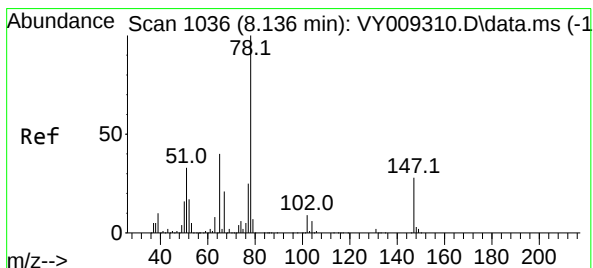
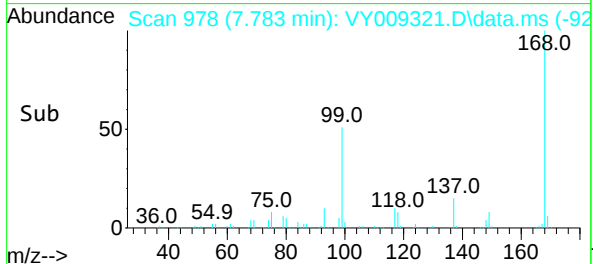
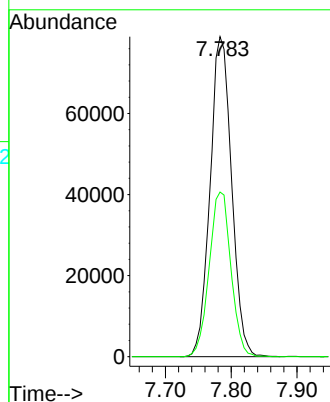


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009321.D
Acq: 25 Jun 2022 14:11

Instrument :
MSVOA_Y
ClientSampleId :
SB-9-0-2-20220623

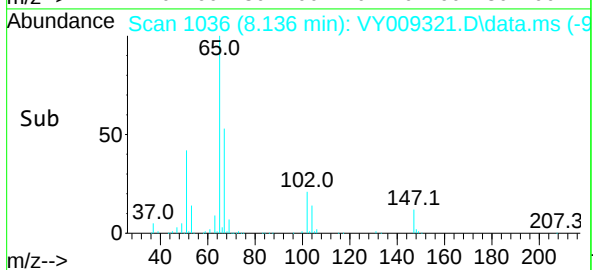
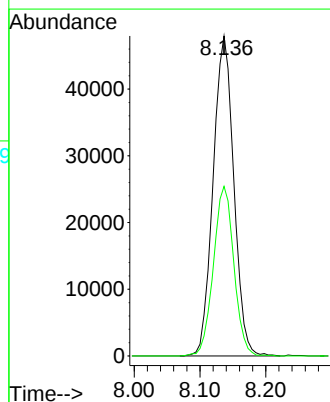
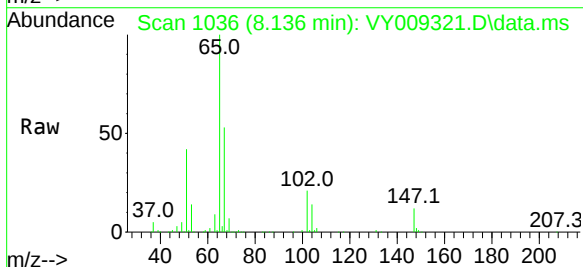


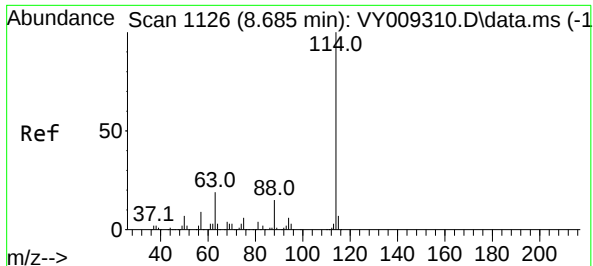
Tgt Ion:168 Resp: 179827
Ion Ratio Lower Upper
168 100
99 51.4 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 80.324 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009321.D
Acq: 25 Jun 2022 14:11

Tgt Ion: 65 Resp: 105010
Ion Ratio Lower Upper
65 100
67 52.5 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009321.D

Acq: 25 Jun 2022 14:11

Instrument :

MSVOA_Y

ClientSampleId :

SB-9-0-2-20220623

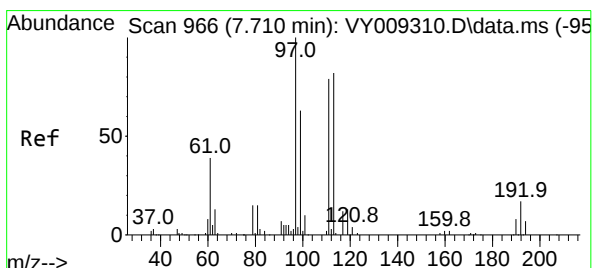
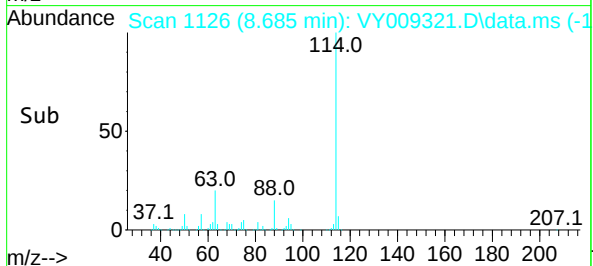
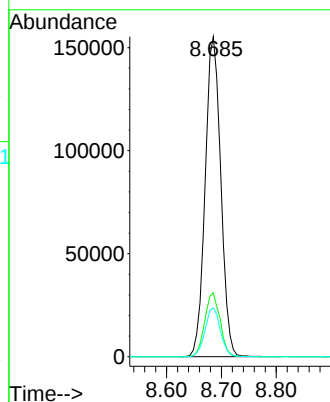
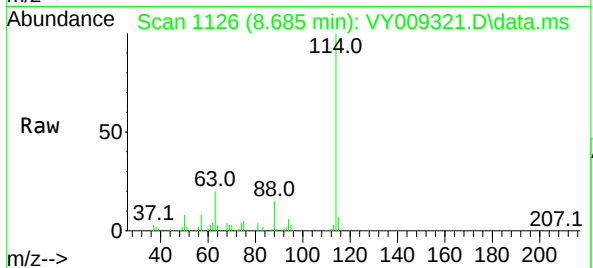
Tgt Ion:114 Resp: 306172

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.0

88 15.2 0.0 30.0



#35

Dibromofluoromethane

Concen: 57.068 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009321.D

Acq: 25 Jun 2022 14:11

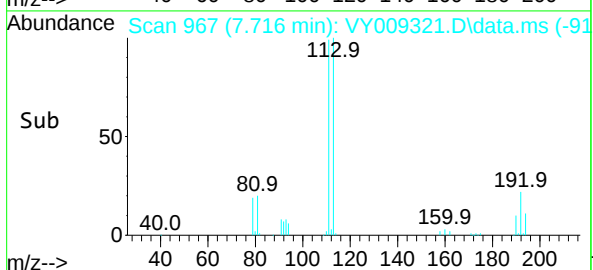
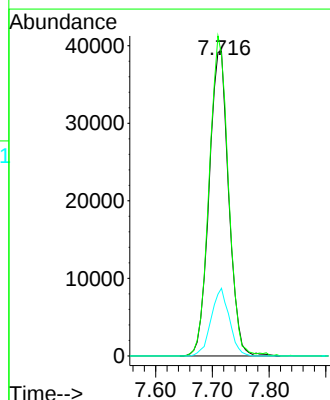
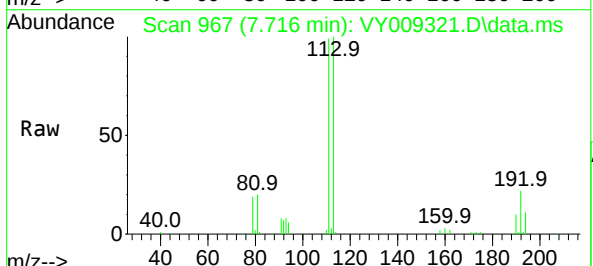
Tgt Ion:113 Resp: 94310

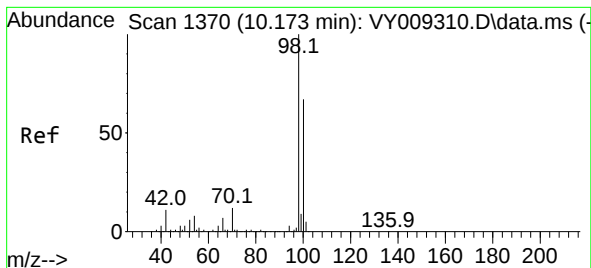
Ion Ratio Lower Upper

113 100

111 102.2 80.6 120.8

192 20.6 16.2 24.4





#50

Toluene-d8

Concen: 79.949 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009321.D

Acq: 25 Jun 2022 14:11

Instrument :

MSVOA_Y

ClientSampleId :

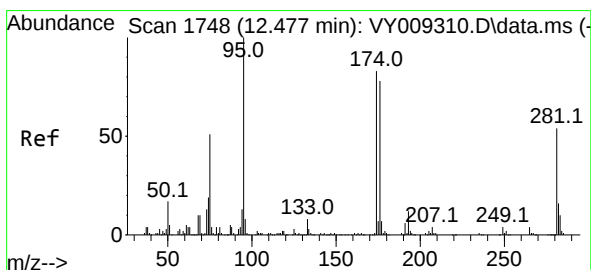
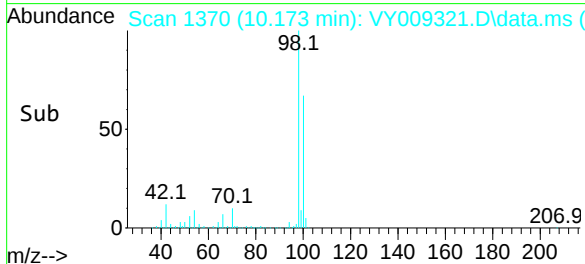
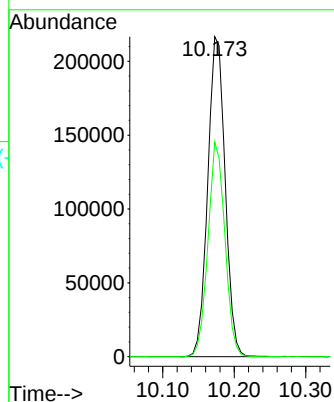
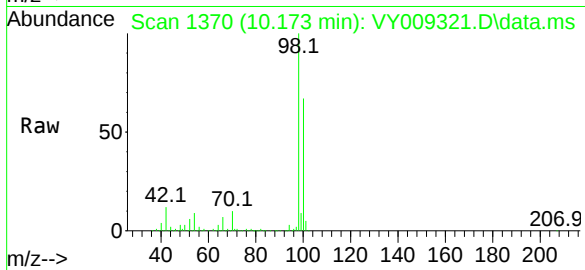
SB-9-0-2-20220623

Tgt Ion: 98 Resp: 366393

Ion Ratio Lower Upper

98 100

100 65.2 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 51.503 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009321.D

Acq: 25 Jun 2022 14:11

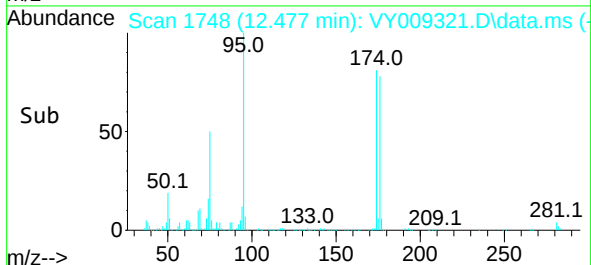
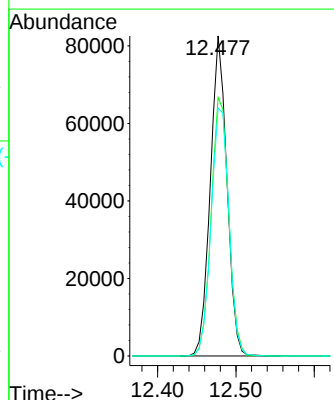
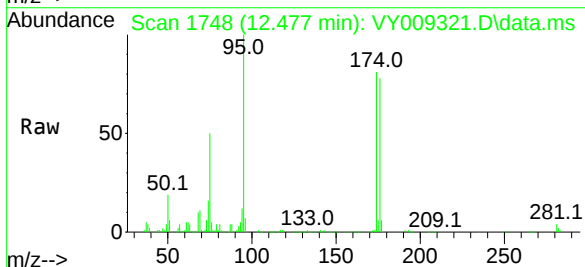
Tgt Ion: 95 Resp: 121219

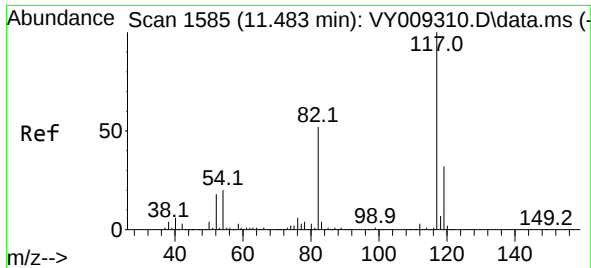
Ion Ratio Lower Upper

95 100

174 85.4 0.0 173.8

176 83.4 0.0 167.0

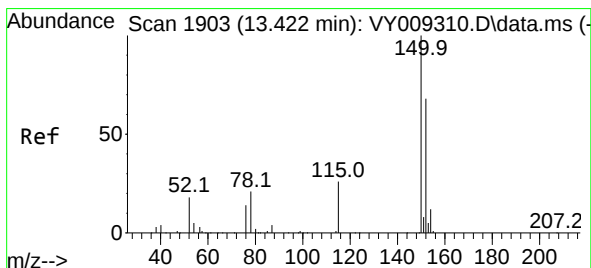
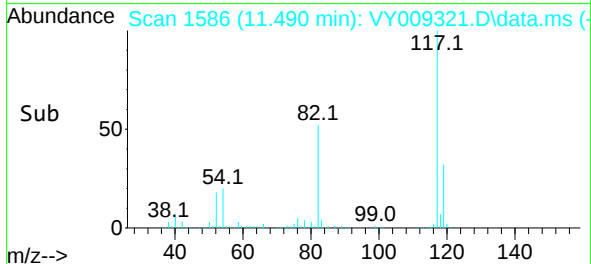
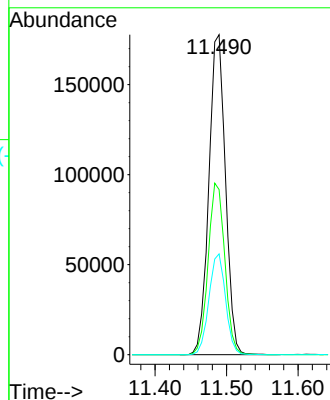
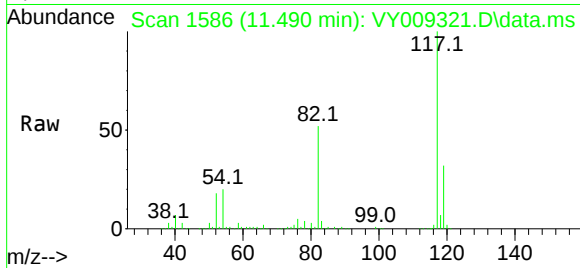




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.007 min
Lab File: VY009321.D
Acq: 25 Jun 2022 14:11

Instrument :
MSVOA_Y
ClientSampleId :
SB-9-0-2-20220623

Tgt Ion:117 Resp: 286606
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.6
119 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009321.D
Acq: 25 Jun 2022 14:11

Tgt Ion:152 Resp: 128504
Ion Ratio Lower Upper
152 100
115 56.5 28.6 85.9
150 157.4 0.0 349.8

