

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009330.D
 Acq On : 25 Jun 2022 17:42
 Operator : KP/MD
 Sample : N3488-10
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12-17-19-20220623

Quant Time: Jun 27 10:31:52 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	161201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	277812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	267111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	94170	80.357	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 160.720%	
35) Dibromofluoromethane	7.710	113	84260	56.192	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.380%	
50) Toluene-d8	10.173	98	334018	80.362	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 160.720%#	
62) 4-Bromofluorobenzene	12.477	95	111365	52.146	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.300%	

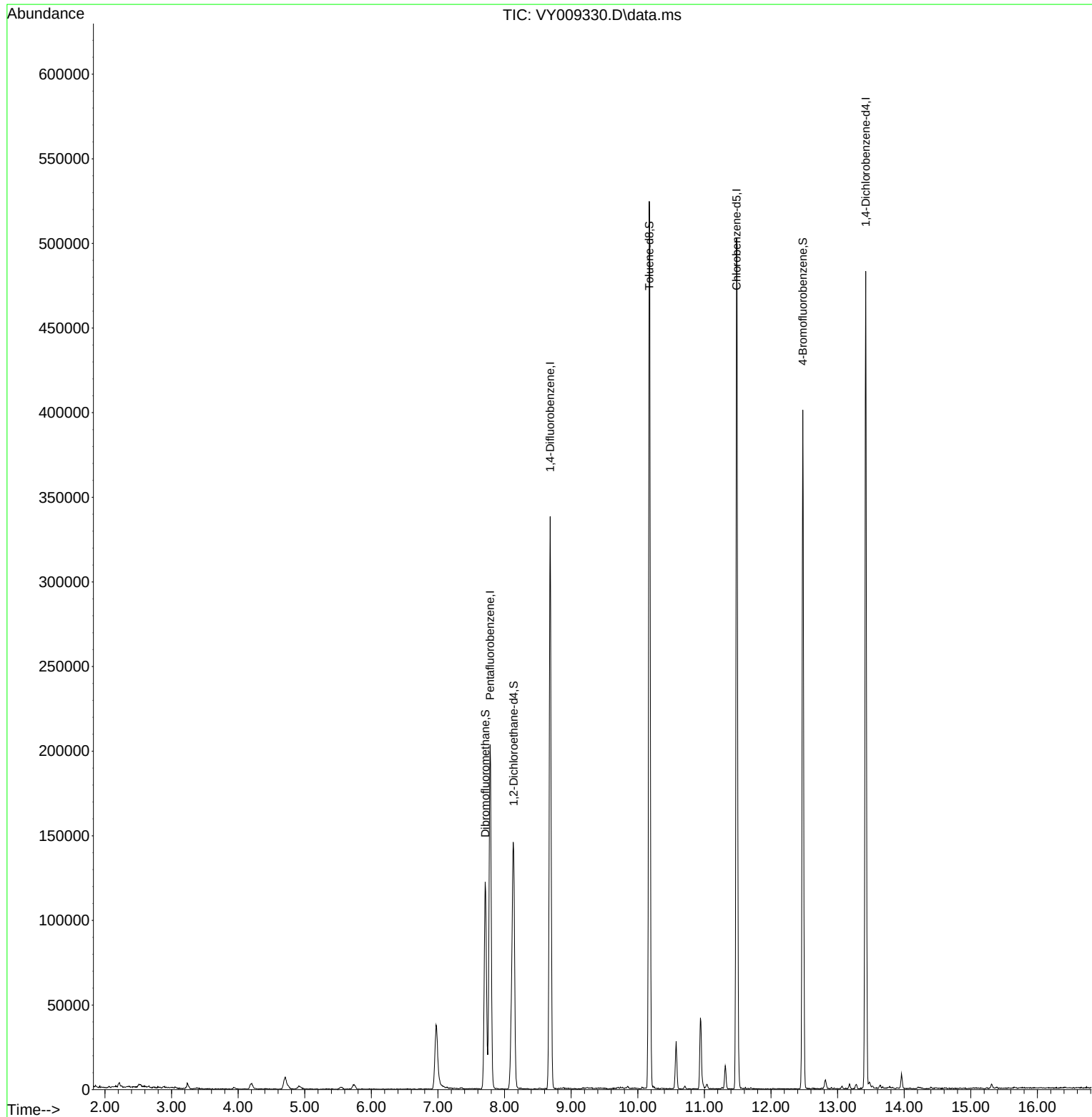
Target Compounds Qvalue

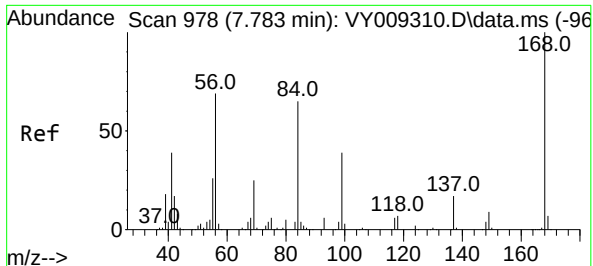
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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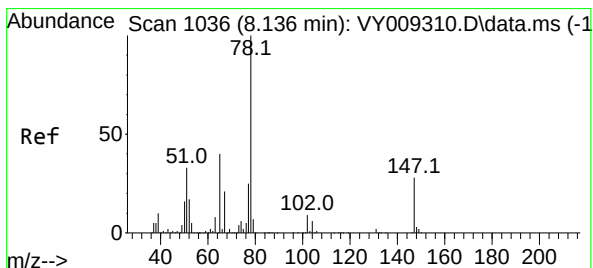
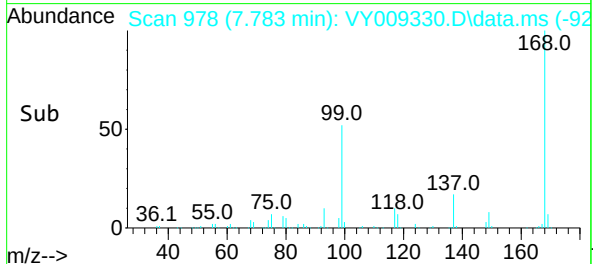
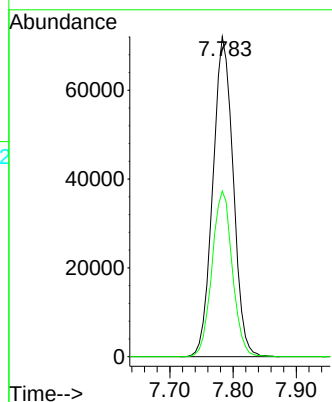
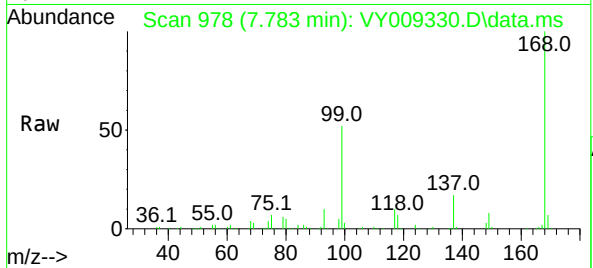




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009330.D
Acq: 25 Jun 2022 17:42

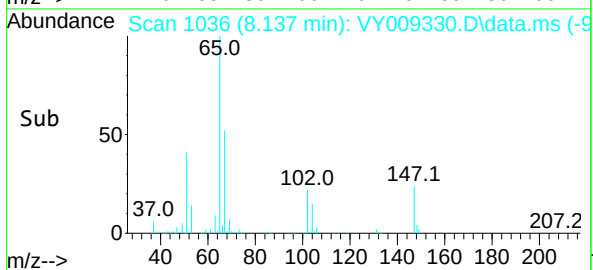
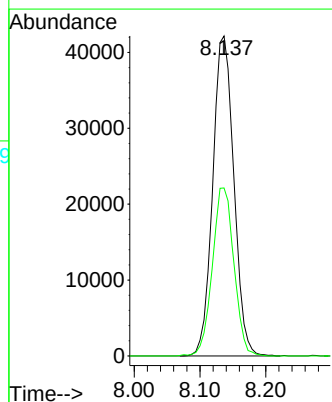
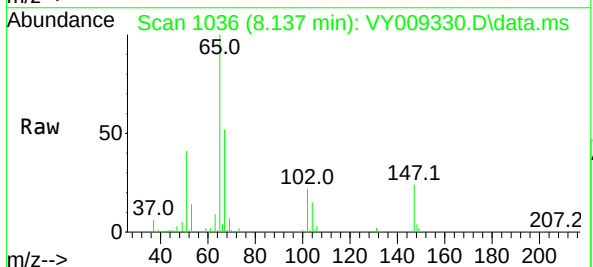
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-17-19-20220623

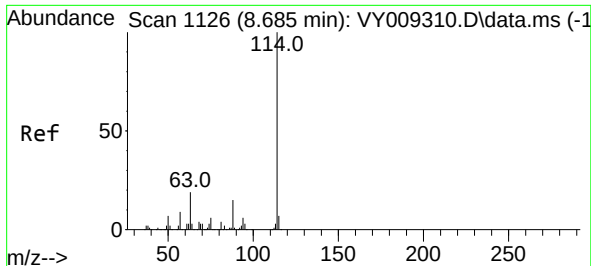
Tgt Ion:168 Resp: 161201
Ion Ratio Lower Upper
168 100
99 51.7 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 80.357 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009330.D
Acq: 25 Jun 2022 17:42

Tgt Ion: 65 Resp: 94170
Ion Ratio Lower Upper
65 100
67 53.8 0.0 108.4

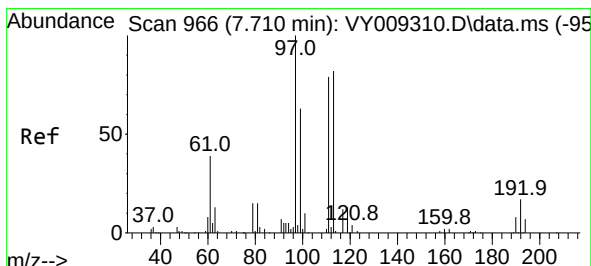
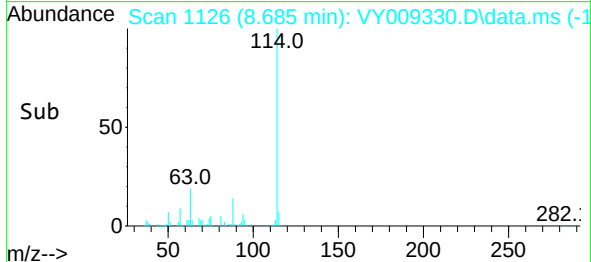
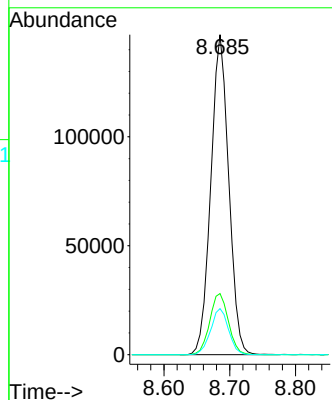
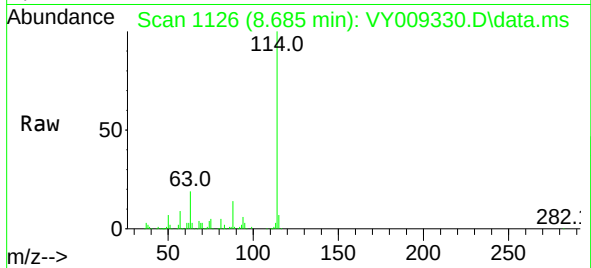




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009330.D
Acq: 25 Jun 2022 17:42

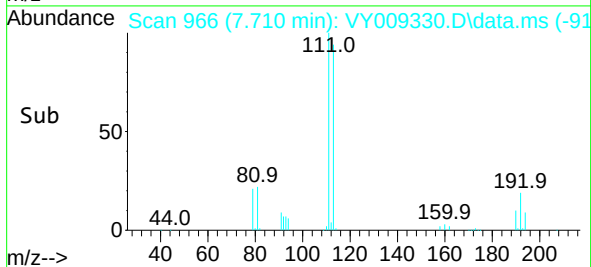
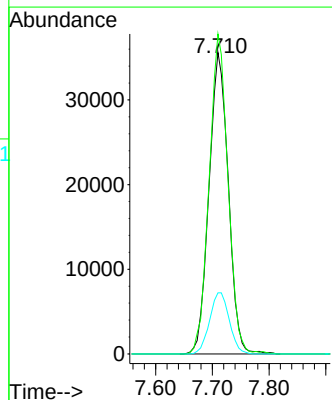
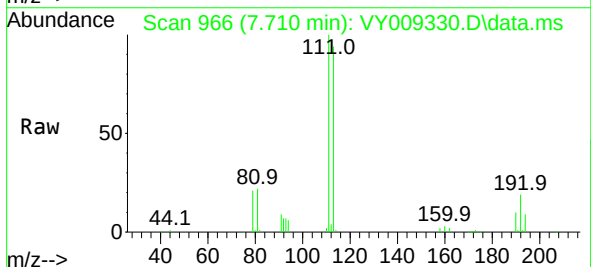
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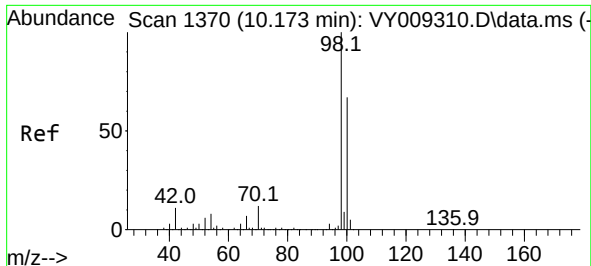
Tgt Ion:114 Resp: 277812
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.0
88 14.4 0.0 30.0



#35
Dibromofluoromethane
Concen: 56.192 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY009330.D
Acq: 25 Jun 2022 17:42

Tgt Ion:113 Resp: 84260
Ion Ratio Lower Upper
113 100
111 103.5 80.6 120.8
192 20.7 16.2 24.4

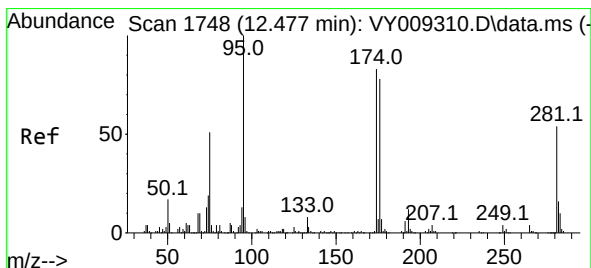
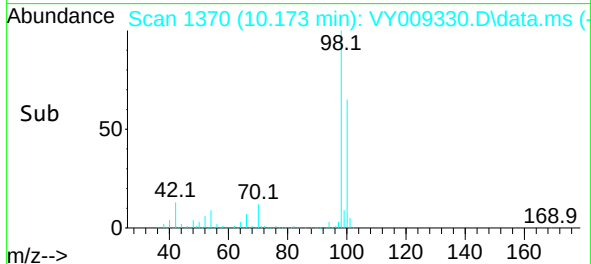
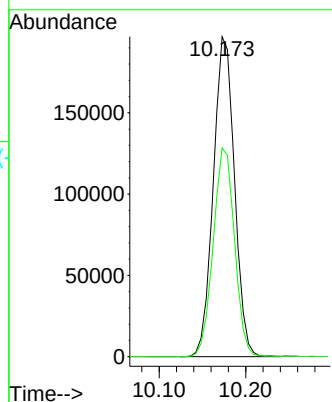
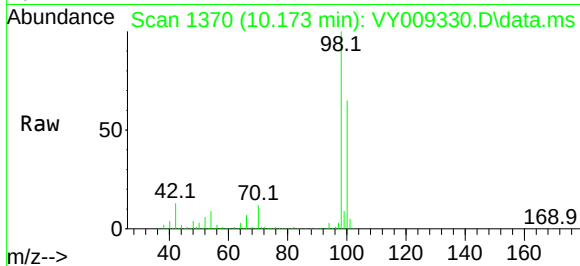




#50
Toluene-d8
Concen: 80.362 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009330.D
Acq: 25 Jun 2022 17:42

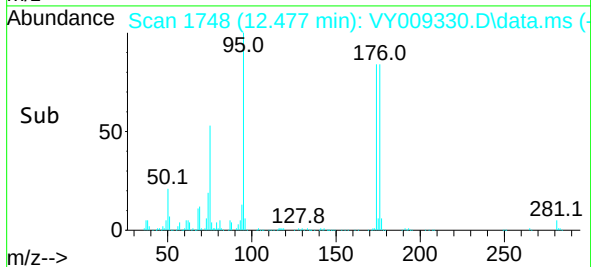
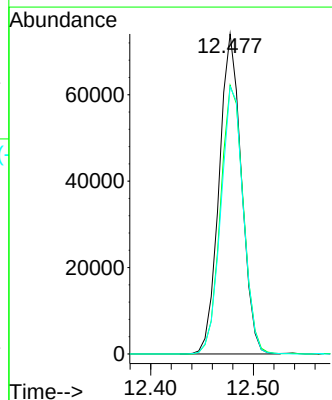
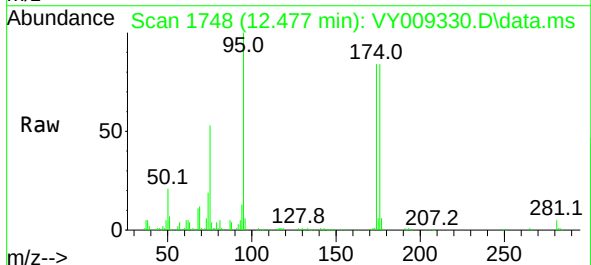
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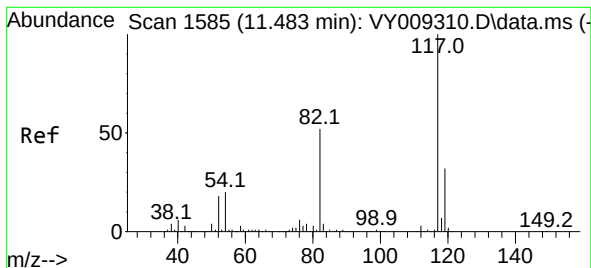
Tgt Ion: 98 Resp: 334018
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 52.146 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009330.D
Acq: 25 Jun 2022 17:42

Tgt Ion: 95 Resp: 111365
Ion Ratio Lower Upper
95 100
174 86.0 0.0 173.8
176 84.0 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009330.D

Acq: 25 Jun 2022 17:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-12-17-19-20220623

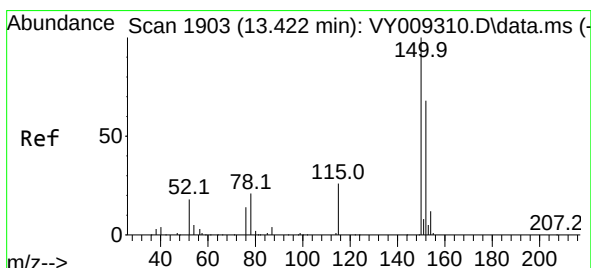
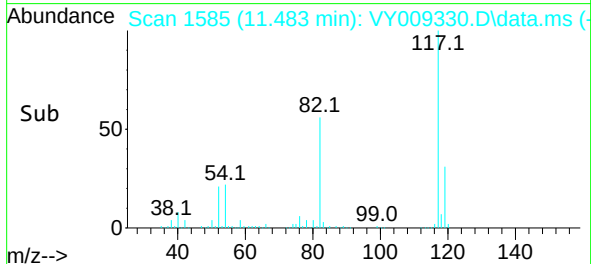
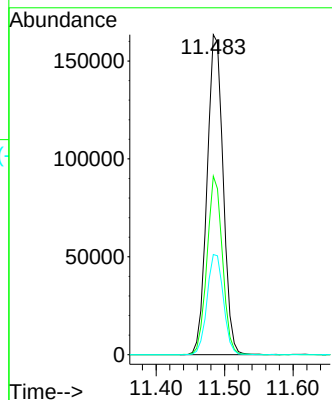
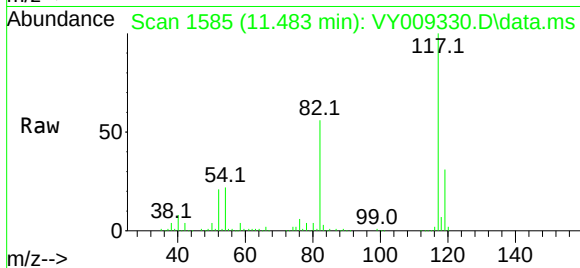
Tgt Ion:117 Resp: 267111

Ion Ratio Lower Upper

117 100

82 55.8 41.8 62.6

119 31.3 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: VY009330.D

Acq: 25 Jun 2022 17:42

Tgt Ion:152 Resp: 119931

Ion Ratio Lower Upper

152 100

115 56.5 28.6 85.9

150 158.8 0.0 349.8

