

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061522\
 Data File : VD073599.D
 Acq On : 15 Jun 2022 19:00
 Operator : VA/SY
 Sample : N3268-01
 Misc : 8.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-215(36-38)

Quant Time: Jun 16 06:04:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

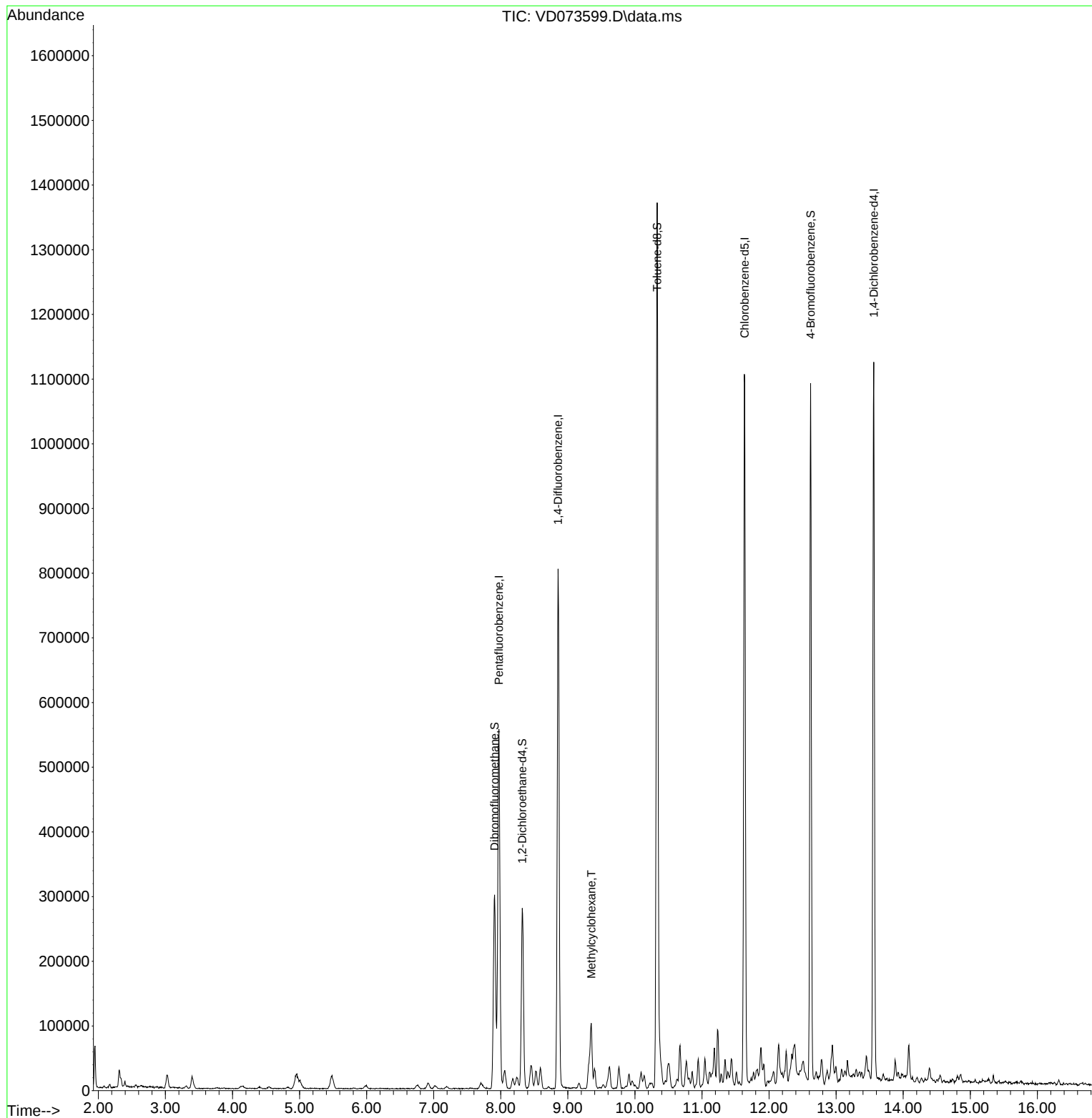
Internal Standards						
1) Pentafluorobenzene	7.973	168	403858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	708540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	668476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	310770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	220108	50.787	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.580%
35) Dibromofluoromethane	7.908	113	221342	48.580	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.160%
50) Toluene-d8	10.332	98	858087	49.812	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.620	95	306517	49.014	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.020%
Target Compounds						
						Qvalue
39) Methylcyclohexane	9.349	83	37721	4.730	ug/l	98

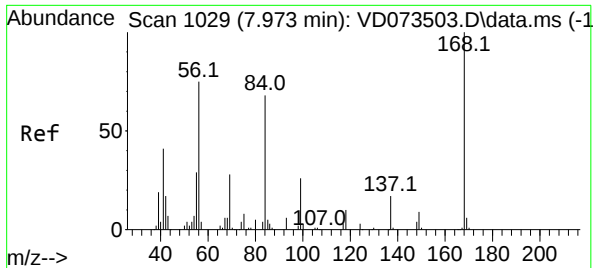
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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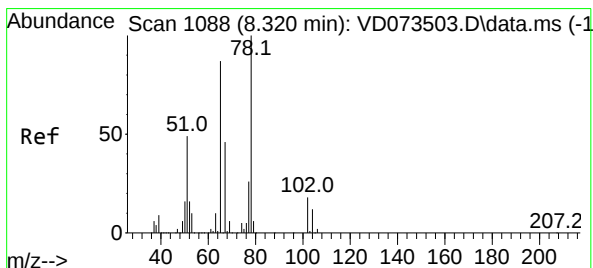
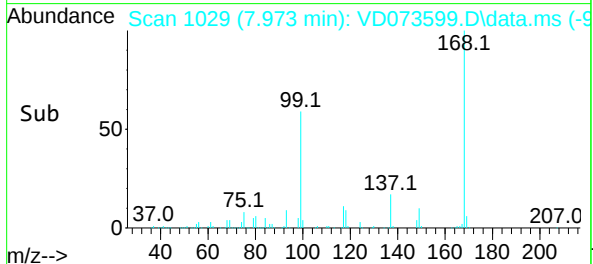
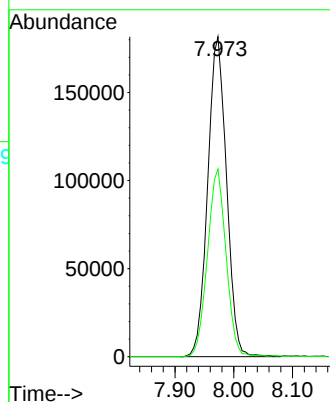
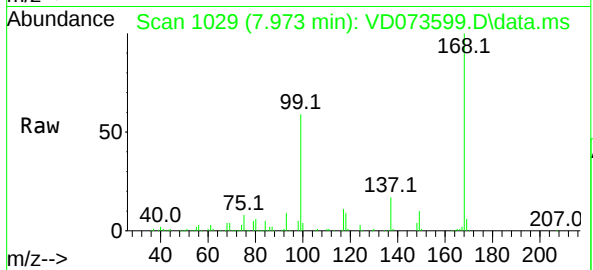




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073599.D
Acq: 15 Jun 2022 19:00

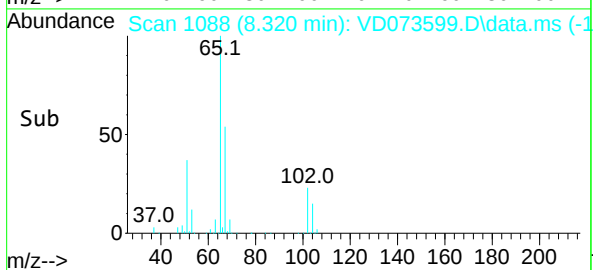
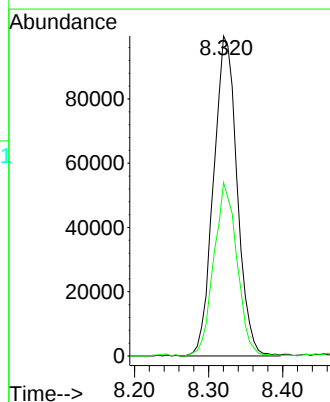
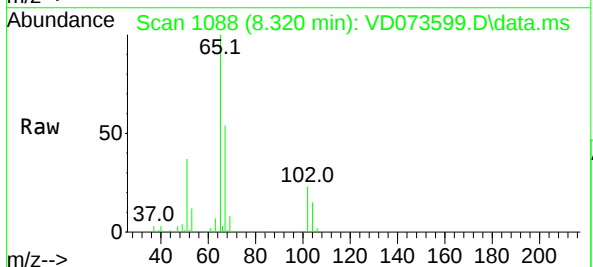
Instrument :
MSVOA_D
ClientSampleId :
B-215(36-38)

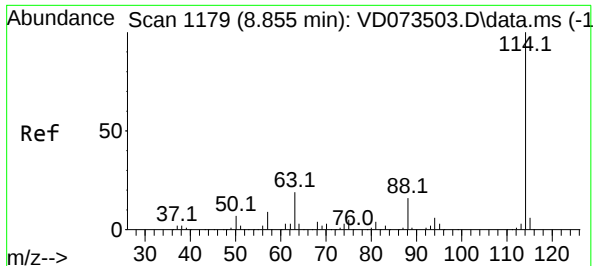
Tgt Ion:168 Resp: 403858
Ion Ratio Lower Upper
168 100
99 58.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 50.787 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073599.D
Acq: 15 Jun 2022 19:00

Tgt Ion: 65 Resp: 220108
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073599.D

Acq: 15 Jun 2022 19:00

Instrument :

MSVOA_D

ClientSampleId :

B-215(36-38)

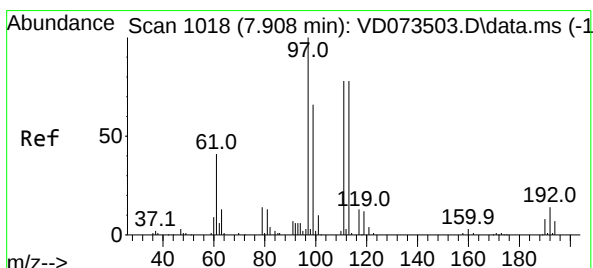
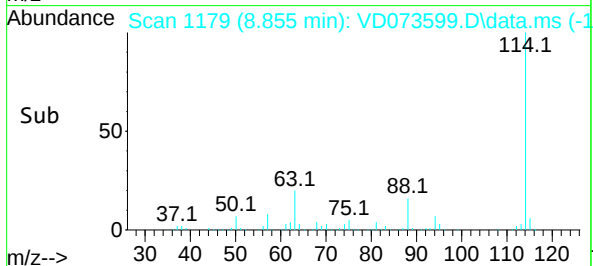
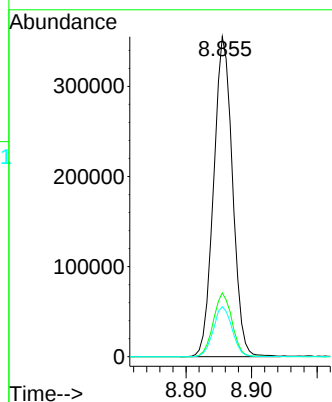
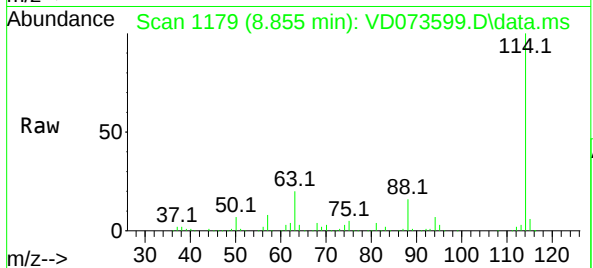
Tgt Ion:114 Resp: 708540

Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.580 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073599.D

Acq: 15 Jun 2022 19:00

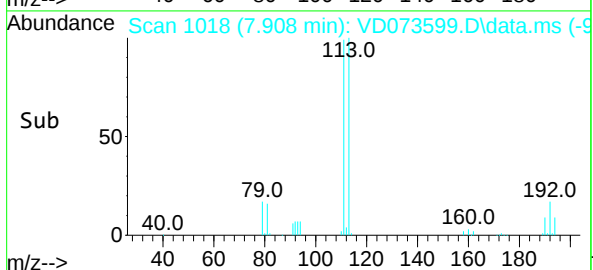
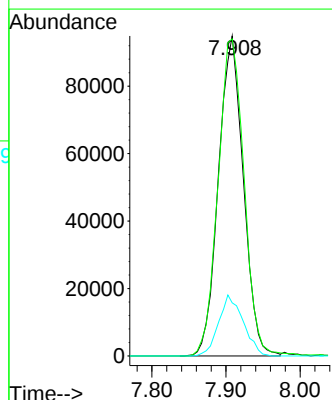
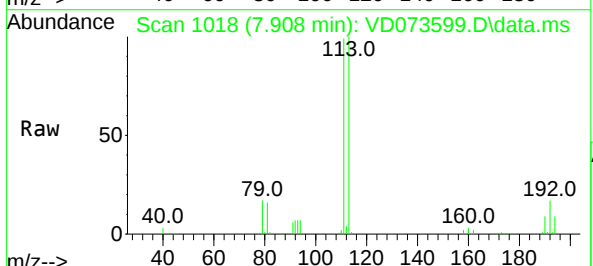
Tgt Ion:113 Resp: 221342

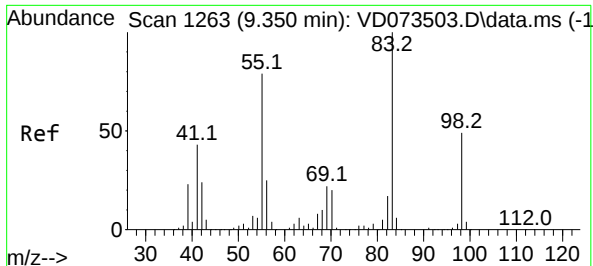
Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

192 18.8 14.6 21.8





#39

Methylcyclohexane

Concen: 4.730 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073599.D

Acq: 15 Jun 2022 19:00

Instrument :

MSVOA_D

ClientSampleId :

B-215(36-38)

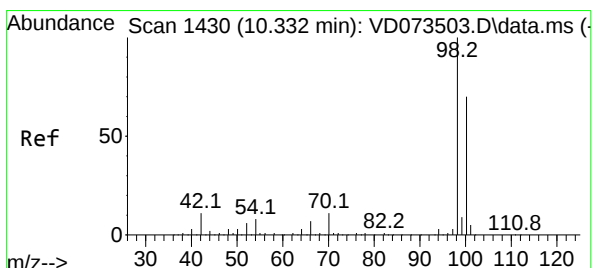
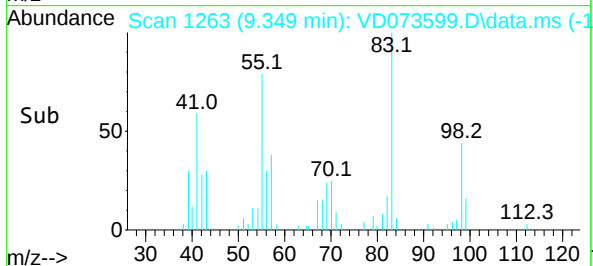
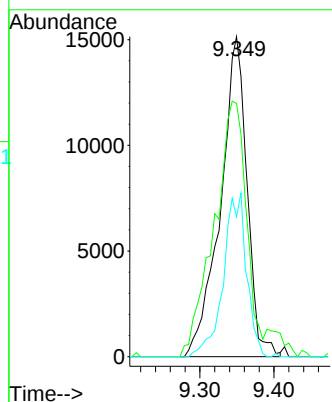
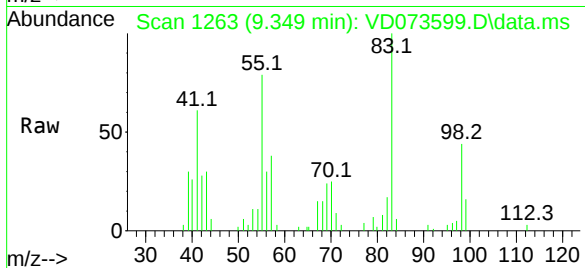
Tgt Ion: 83 Resp: 37721

Ion Ratio Lower Upper

83 100

55 79.1 63.2 94.8

98 43.7 38.2 57.4



#50

Toluene-d8

Concen: 49.812 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073599.D

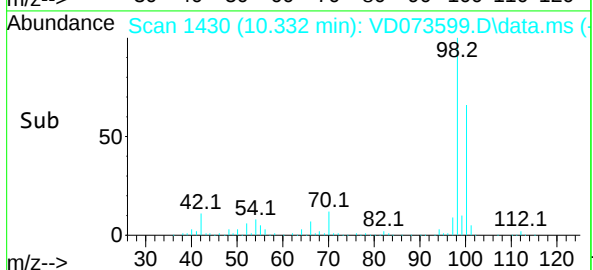
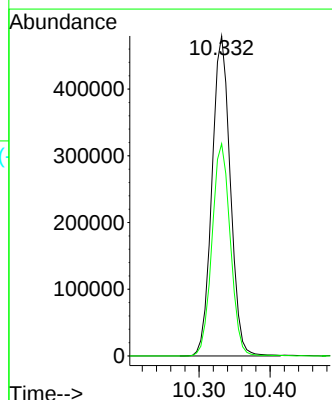
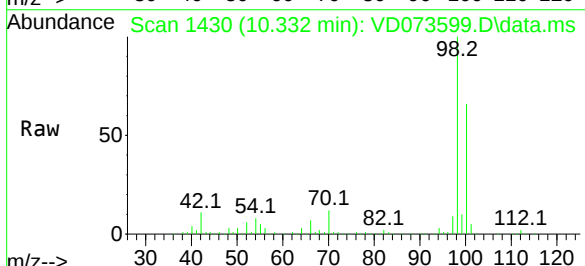
Acq: 15 Jun 2022 19:00

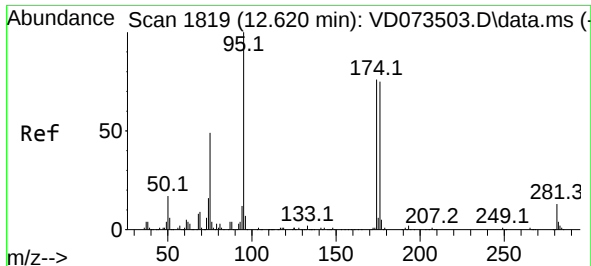
Tgt Ion: 98 Resp: 858087

Ion Ratio Lower Upper

98 100

100 66.4 52.4 78.6

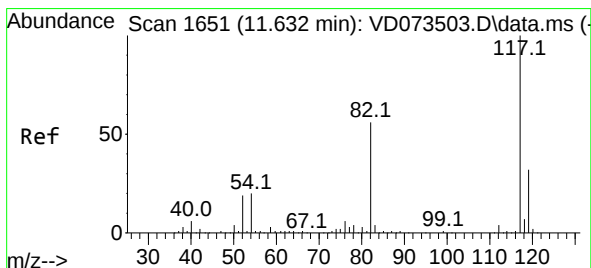
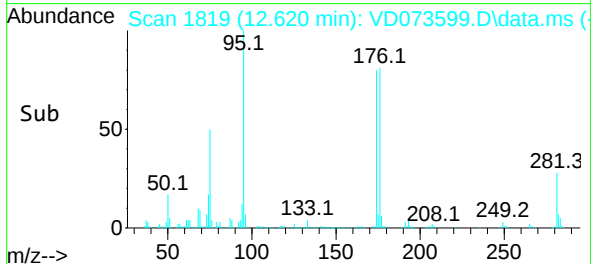
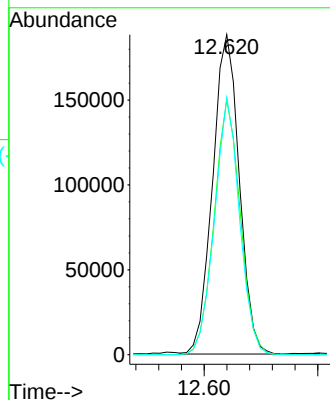
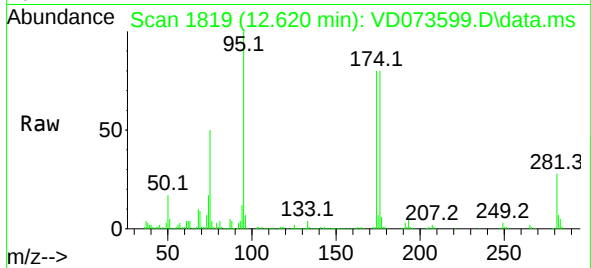




#62
4-Bromofluorobenzene
Concen: 49.014 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073599.D
Acq: 15 Jun 2022 19:00

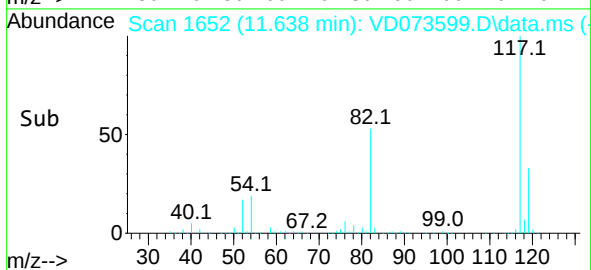
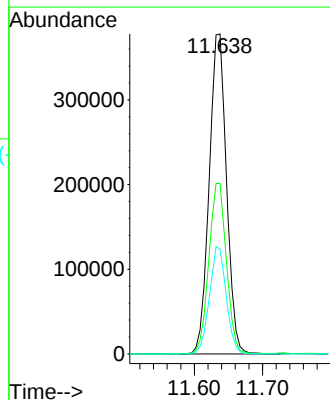
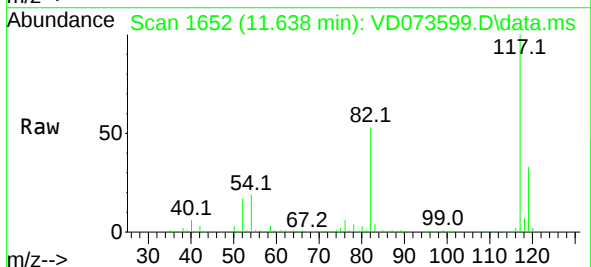
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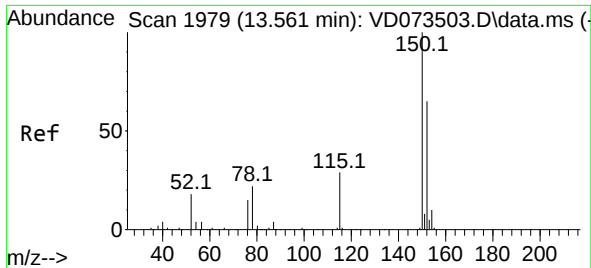
Tgt Ion: 95 Resp: 306517
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 75.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073599.D
Acq: 15 Jun 2022 19:00

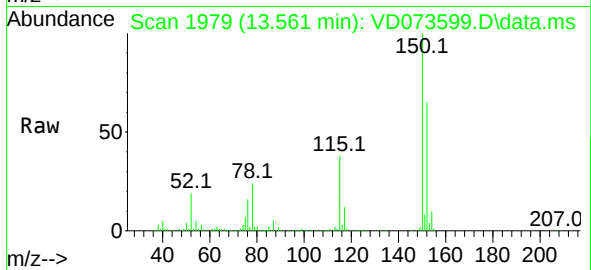
Tgt Ion: 117 Resp: 668476
Ion Ratio Lower Upper
117 100
82 53.2 45.3 67.9
119 32.8 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073599.D
 Acq: 15 Jun 2022 19:00

Instrument :
 MSVOA_D
 ClientSampleId :
 B-215(36-38)



Tgt Ion:152 Resp: 310770
 Ion Ratio Lower Upper
 152 100
 115 60.2 31.3 93.8
 150 157.0 0.0 348.6

