

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061622\
 Data File : VD073625.D
 Acq On : 16 Jun 2022 18:56
 Operator : VA/SY
 Sample : N3331-01
 Misc : 7.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-222(26-28)

Quant Time: Jun 17 01:06:53 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	292600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	512131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	475810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	223184	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	175618	55.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.860%
35) Dibromofluoromethane	7.908	113	175746	53.366	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.740%
50) Toluene-d8	10.332	98	612082	49.158	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.320%
62) 4-Bromofluorobenzene	12.620	95	218324	48.301	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.600%

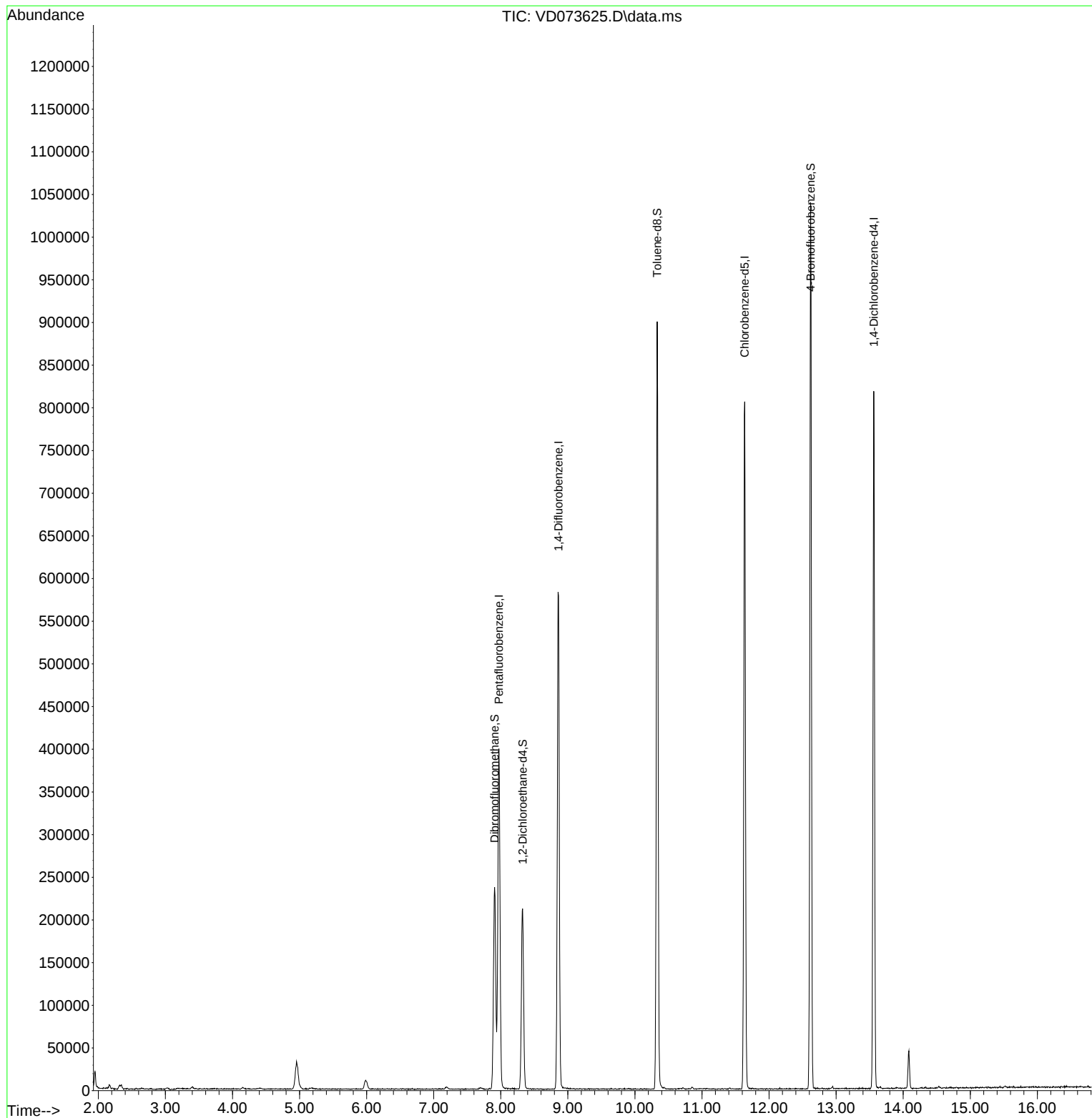
Target Compounds	Qvalue

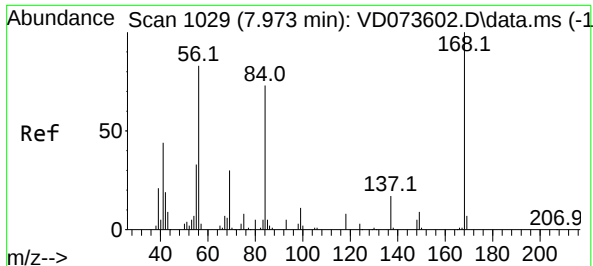
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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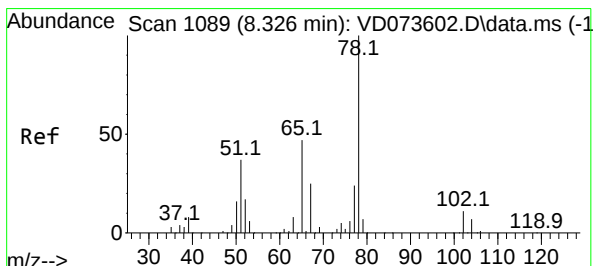
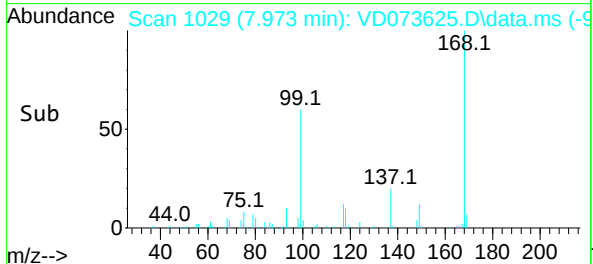
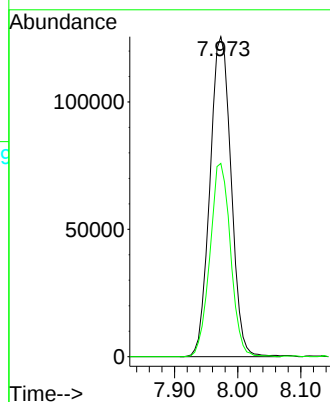
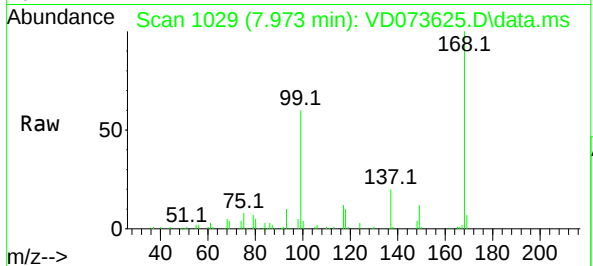




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073625.D
Acq: 16 Jun 2022 18:56

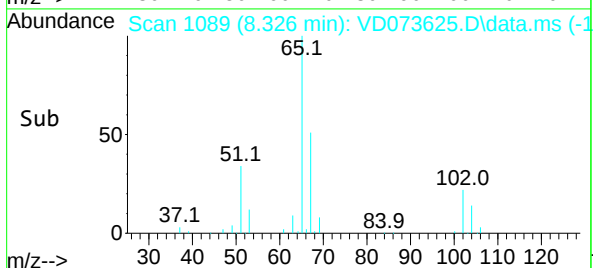
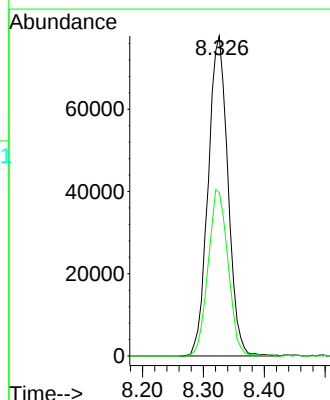
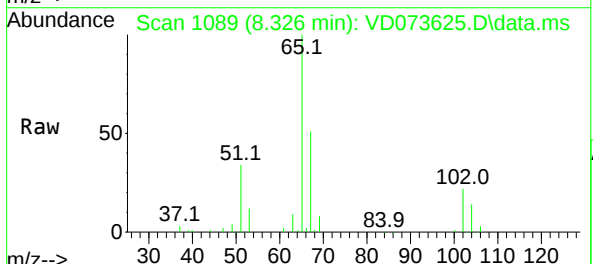
Instrument :
MSVOA_D
ClientSampleId :
B-222(26-28)

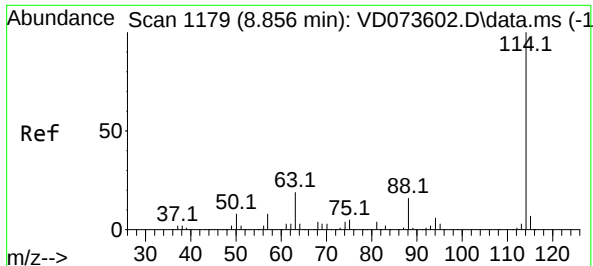
Tgt Ion:168 Resp: 292600
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 55.929 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073625.D
Acq: 16 Jun 2022 18:56

Tgt Ion: 65 Resp: 175618
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073625.D

Acq: 16 Jun 2022 18:56

Instrument :

MSVOA_D

ClientSampleId :

B-222(26-28)

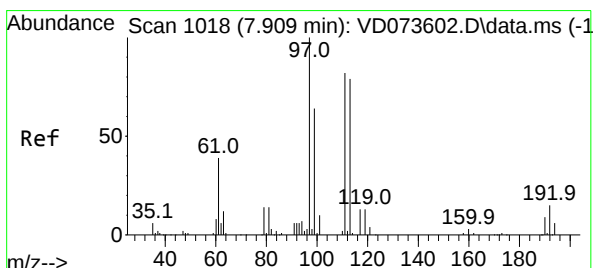
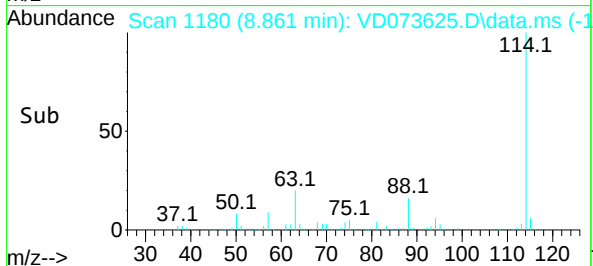
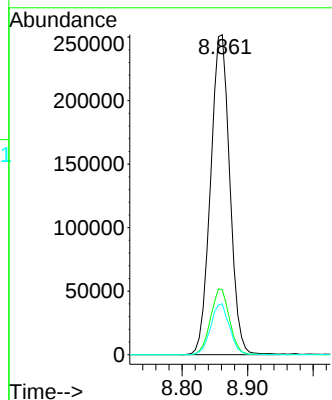
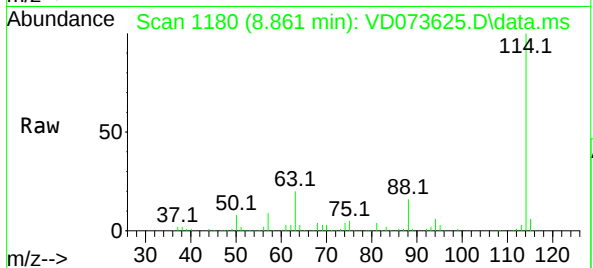
Tgt Ion:114 Resp: 512131

Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 53.366 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073625.D

Acq: 16 Jun 2022 18:56

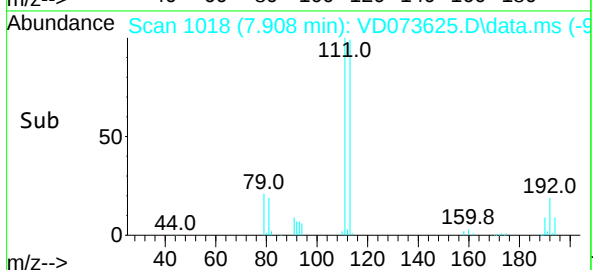
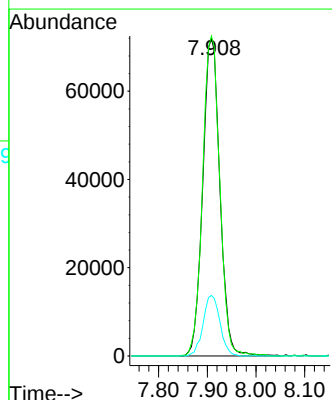
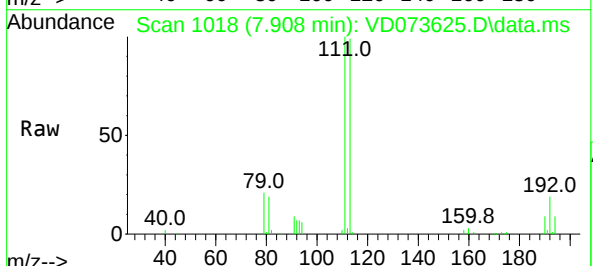
Tgt Ion:113 Resp: 175746

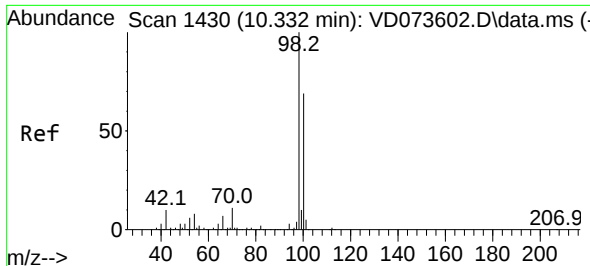
Ion Ratio Lower Upper

113 100

111 100.8 83.8 125.6

192 18.7 14.6 21.8

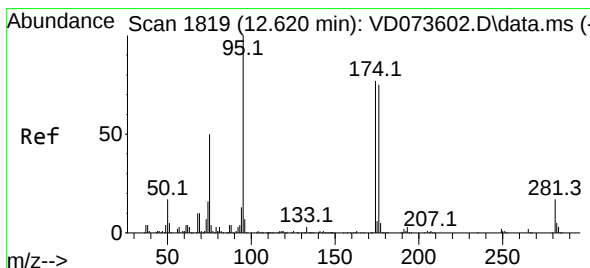
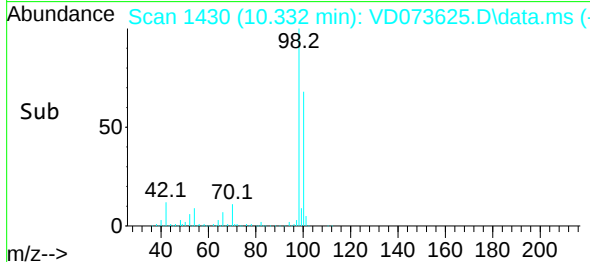
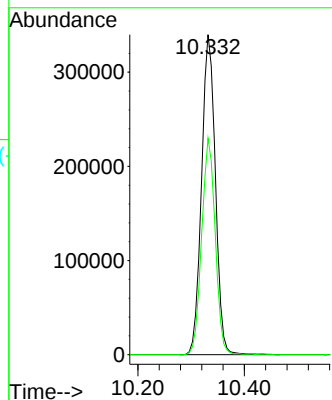
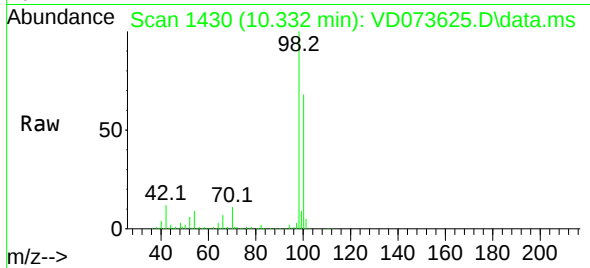




#50
Toluene-d8
Concen: 49.158 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073625.D
Acq: 16 Jun 2022 18:56

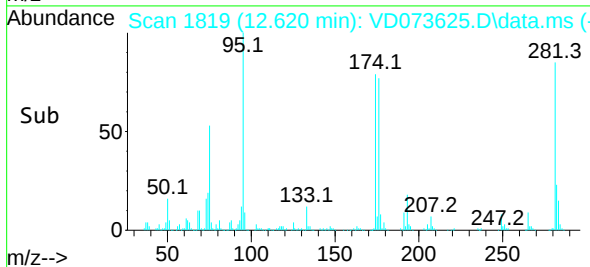
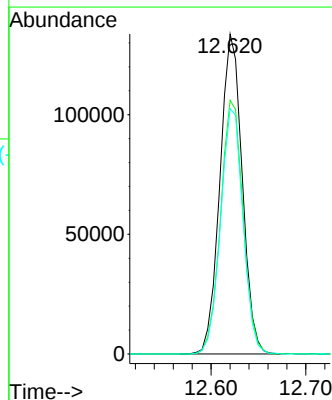
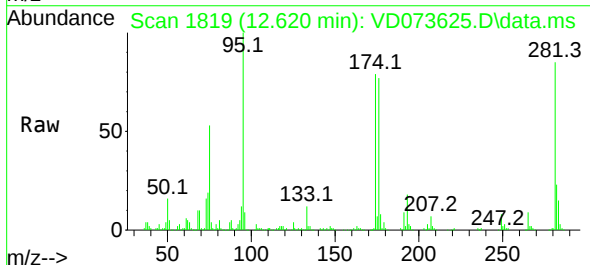
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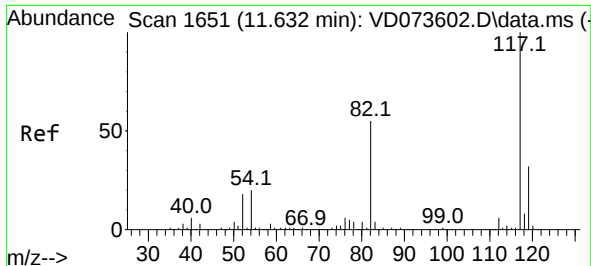
Tgt Ion: 98 Resp: 612082
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.301 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073625.D
Acq: 16 Jun 2022 18:56

Tgt Ion: 95 Resp: 218324
Ion Ratio Lower Upper
95 100
174 80.2 0.0 152.8
176 77.1 0.0 145.4

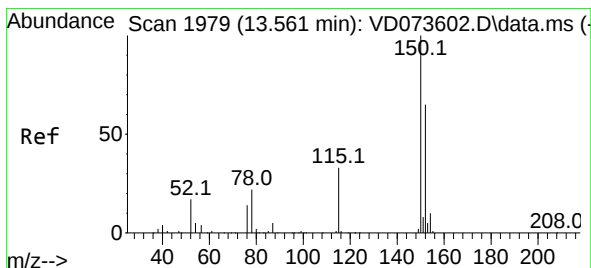
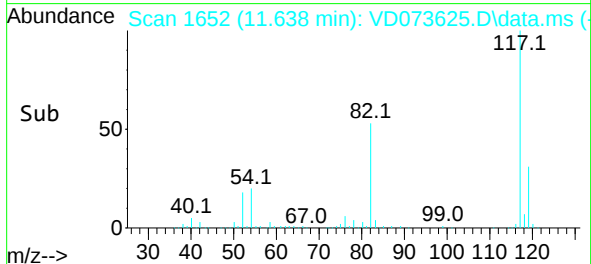
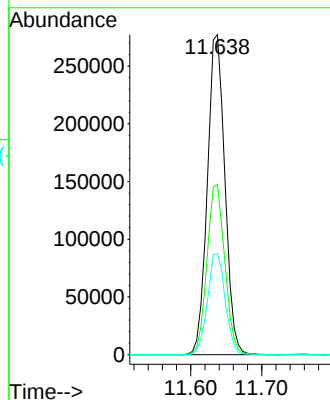
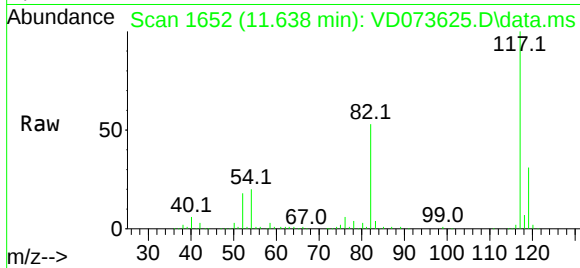




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073625.D
Acq: 16 Jun 2022 18:56

Instrument :
MSVOA_D
ClientSampleId :
B-222(26-28)

Tgt Ion:117 Resp: 475810
Ion Ratio Lower Upper
117 100
82 53.1 45.3 67.9
119 31.5 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: VD073625.D
Acq: 16 Jun 2022 18:56

Tgt Ion:152 Resp: 223184
Ion Ratio Lower Upper
152 100
115 59.4 31.3 93.8
150 155.6 0.0 348.6

