

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
 Data File : VD073560.D
 Acq On : 14 Jun 2022 10:44
 Operator : VA/SY
 Sample : VD0614SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0614SBL01

Quant Time: Jun 14 15:43:09 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	188298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	343914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	450758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	234086	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	108961	53.923	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.840%
35) Dibromofluoromethane	7.909	113	122219	55.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.540%
50) Toluene-d8	10.332	98	452923	54.168	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.340%
62) 4-Bromofluorobenzene	12.620	95	209978	69.176	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	138.360%

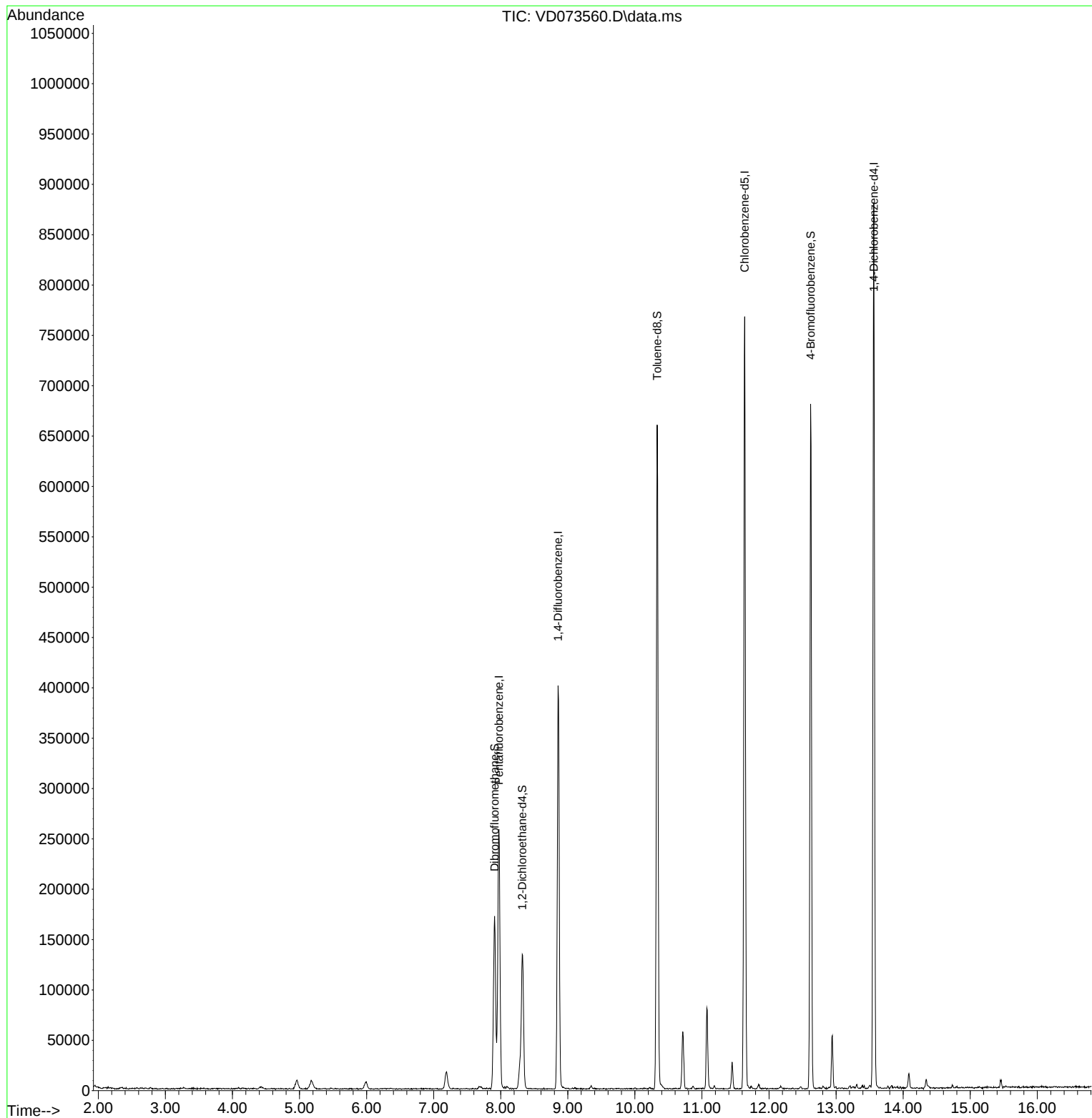
Target Compounds	Qvalue

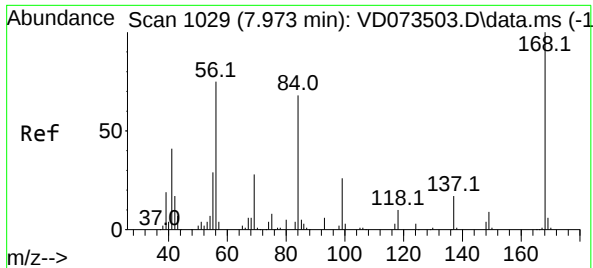
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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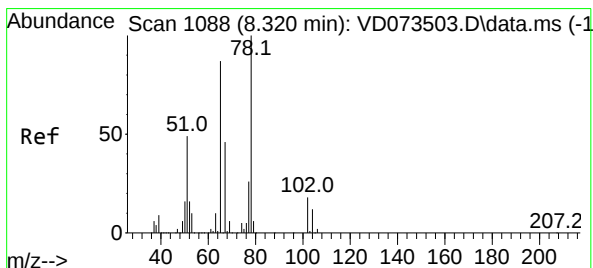
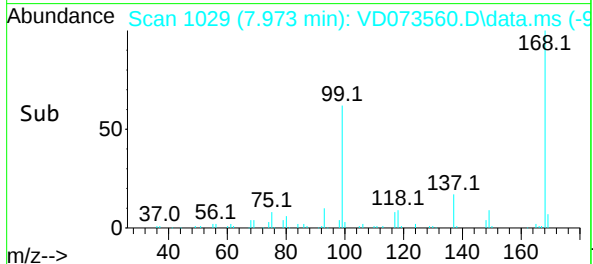
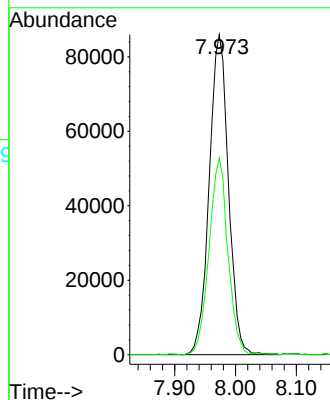
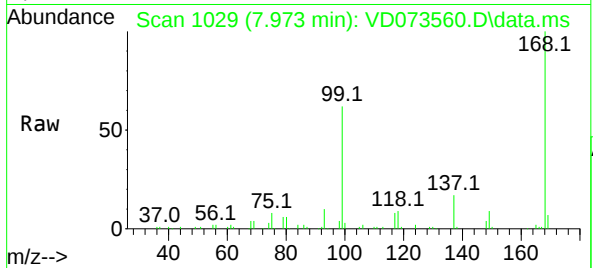




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073560.D
Acq: 14 Jun 2022 10:44

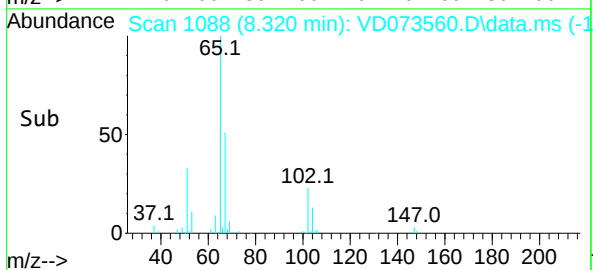
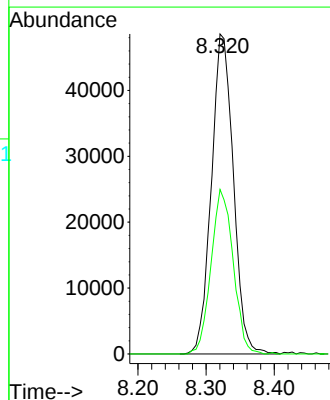
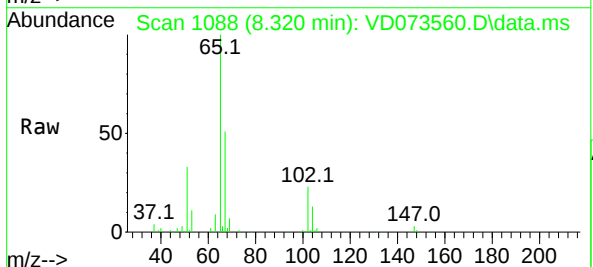
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBL01

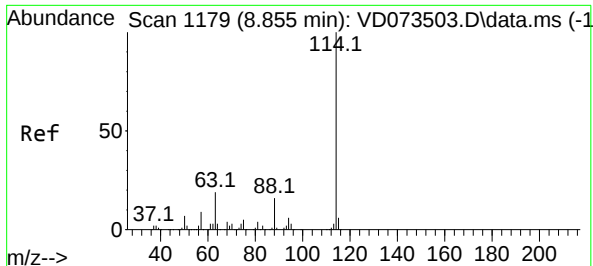
Tgt Ion:168 Resp: 188298
Ion Ratio Lower Upper
168 100
99 61.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 53.923 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073560.D
Acq: 14 Jun 2022 10:44

Tgt Ion: 65 Resp: 108961
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073560.D

Acq: 14 Jun 2022 10:44

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBL01

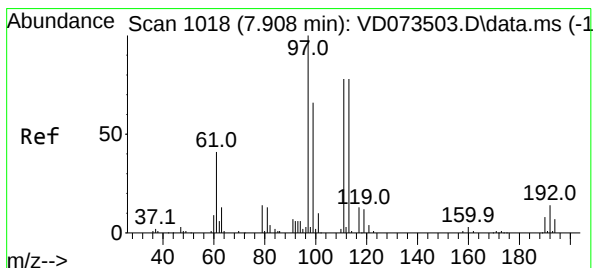
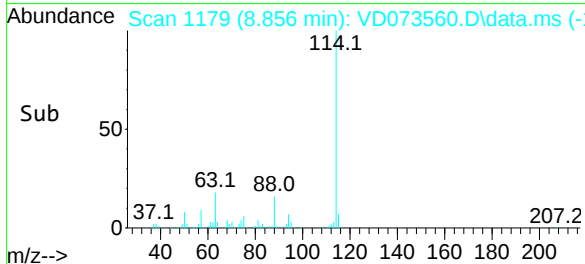
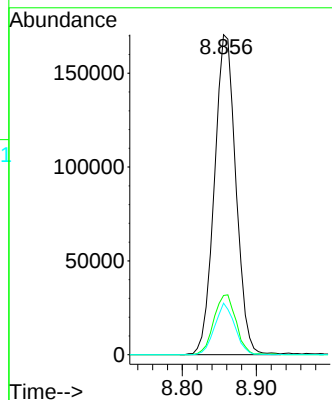
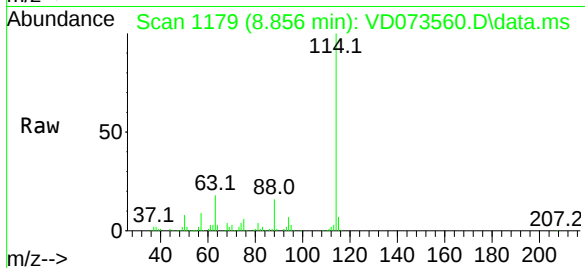
Tgt Ion:114 Resp: 343914

Ion Ratio Lower Upper

114 100

63 18.5 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 55.265 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD073560.D

Acq: 14 Jun 2022 10:44

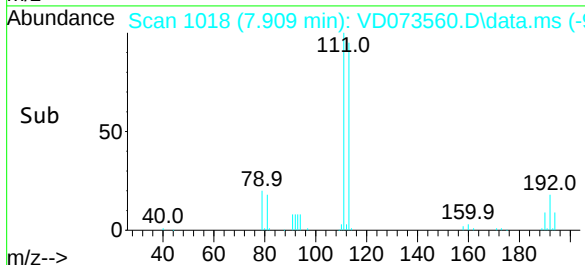
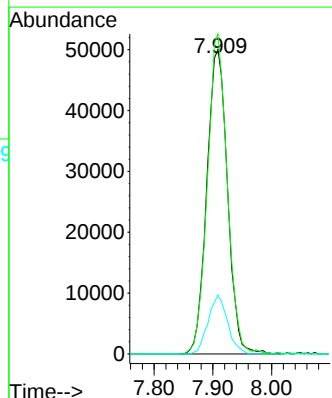
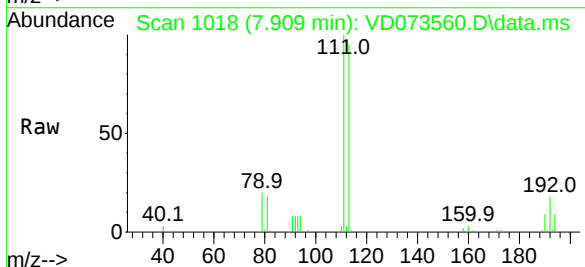
Tgt Ion:113 Resp: 122219

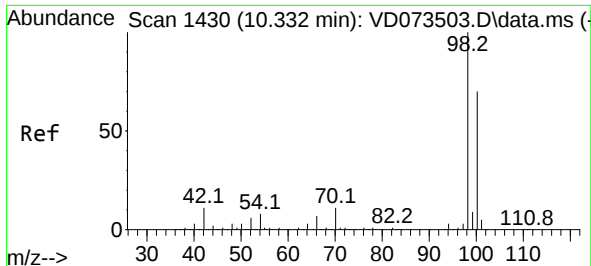
Ion Ratio Lower Upper

113 100

111 100.8 83.8 125.6

192 18.2 14.6 21.8

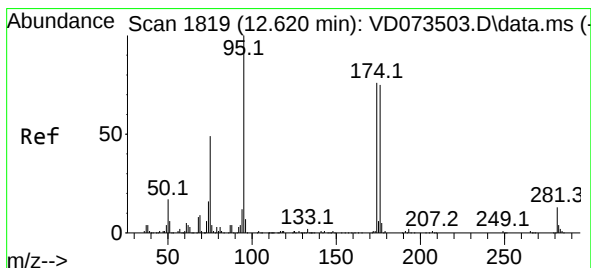
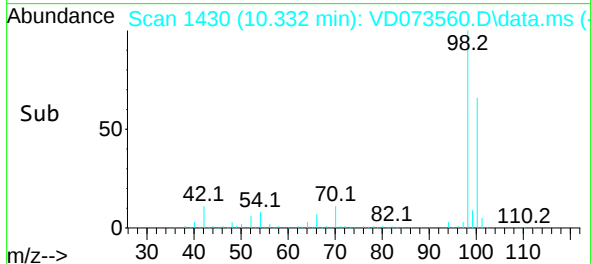
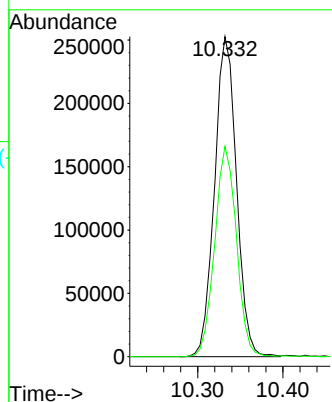
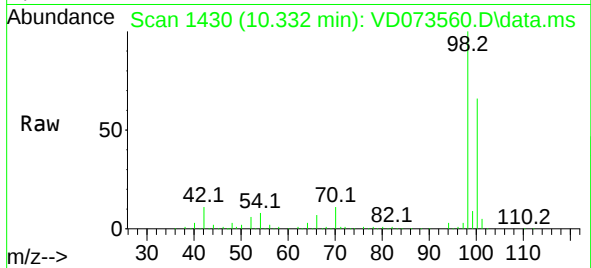




#50
Toluene-d8
Concen: 54.168 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073560.D
Acq: 14 Jun 2022 10:44

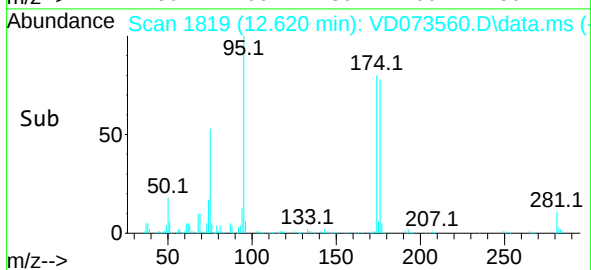
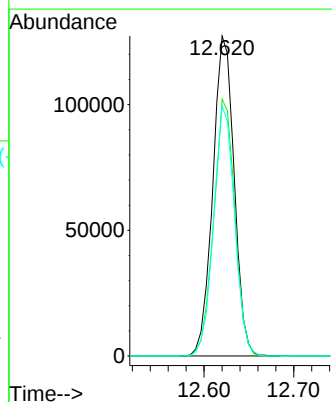
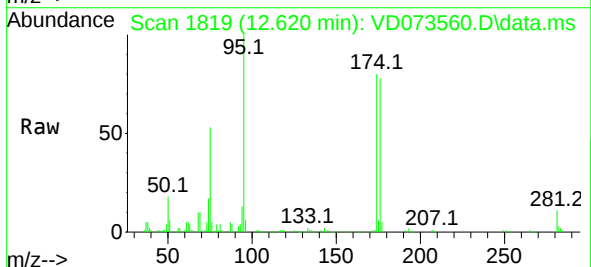
Instrument :
MSVOA_D
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VD0614SBL01

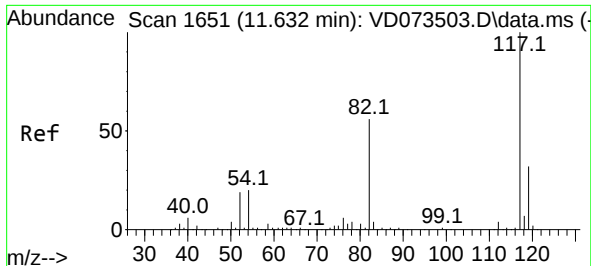
Tgt Ion: 98 Resp: 452923
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 69.176 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073560.D
Acq: 14 Jun 2022 10:44

Tgt Ion: 95 Resp: 209978
Ion Ratio Lower Upper
95 100
174 79.5 0.0 152.8
176 76.9 0.0 145.4

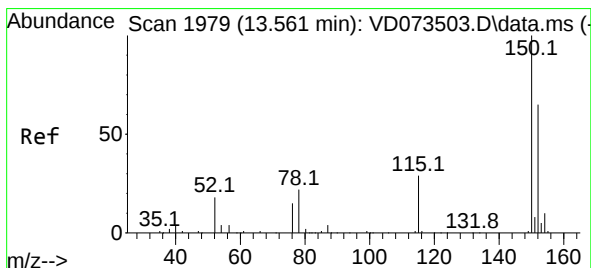
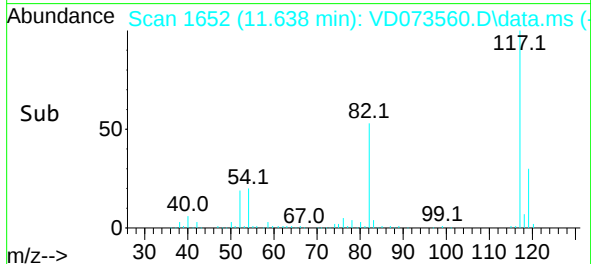
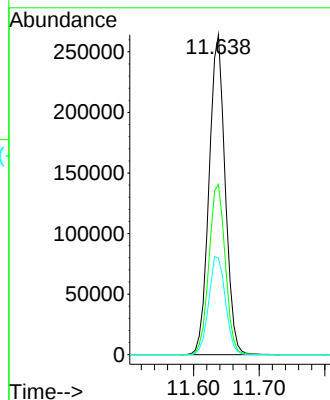
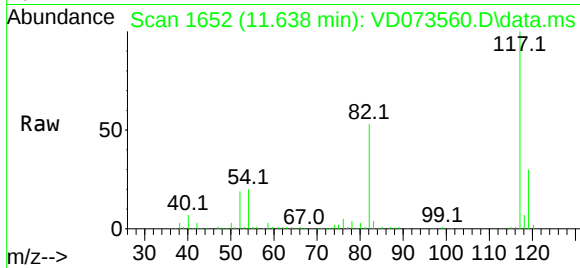




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073560.D
Acq: 14 Jun 2022 10:44

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBL01

Tgt Ion:117 Resp: 450758
Ion Ratio Lower Upper
117 100
82 53.2 45.3 67.9
119 30.1 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: VD073560.D
Acq: 14 Jun 2022 10:44

Tgt Ion:152 Resp: 234086
Ion Ratio Lower Upper
152 100
115 59.4 31.3 93.8
150 158.8 0.0 348.6

