

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062822\
 Data File : VD073746.D
 Acq On : 28 Jun 2022 12:33
 Operator : VA/SY
 Sample : N3455-07
 Misc : 5.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-EXC-2-2-GR

Quant Time: Jun 28 16:29:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062722S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 16:20:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	230160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	414082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	379566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	158061	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	152303	83.874	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	167.740%#
35) Dibromofluoromethane	7.908	113	140793	58.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.840%
50) Toluene-d8	10.332	98	493678	60.926	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	121.860%
62) 4-Bromofluorobenzene	12.620	95	165352	49.553	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.100%

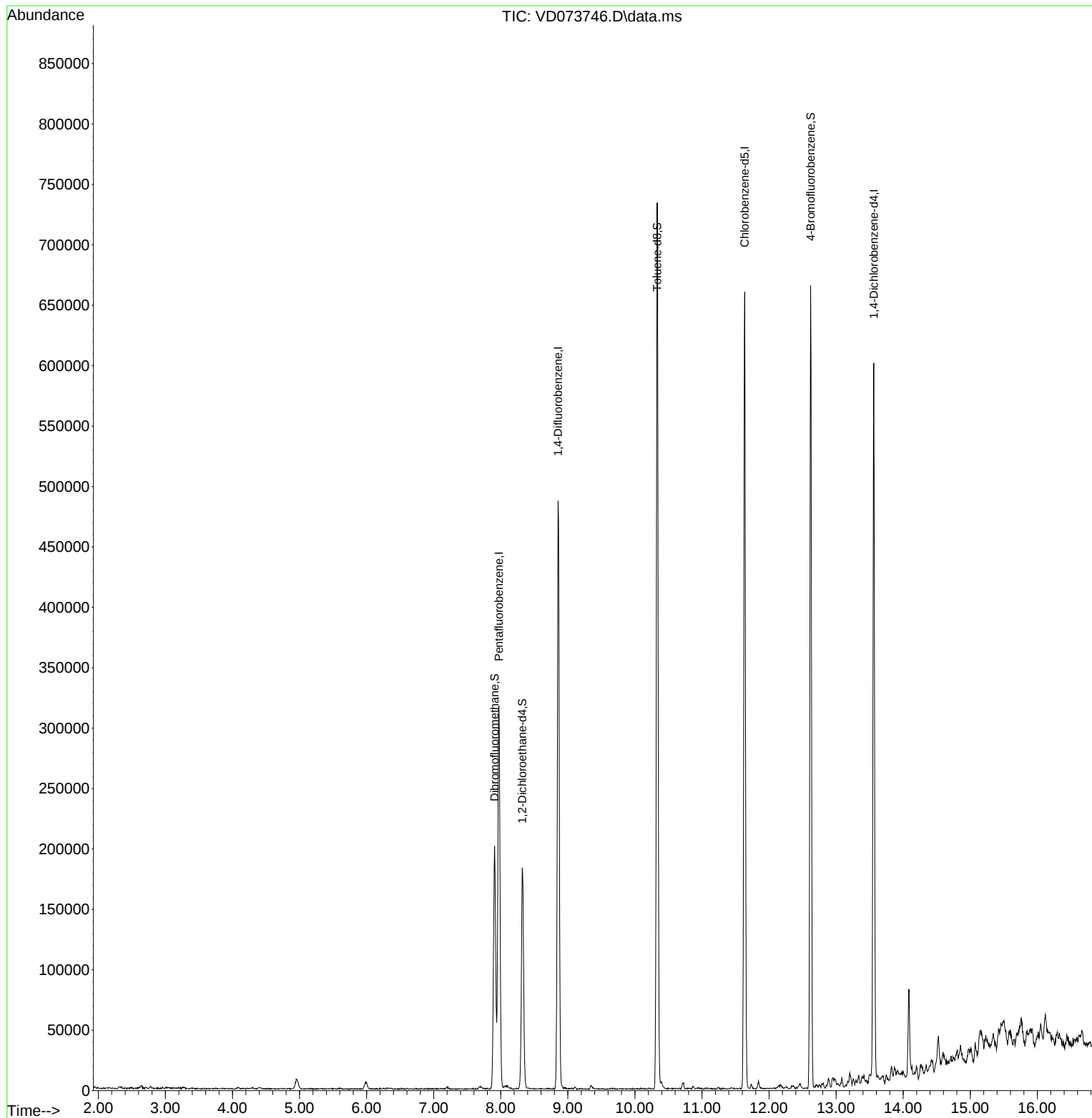
Target Compounds	Qvalue

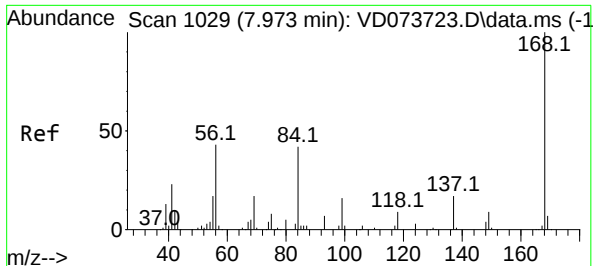
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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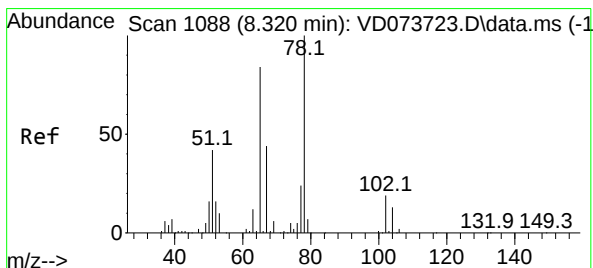
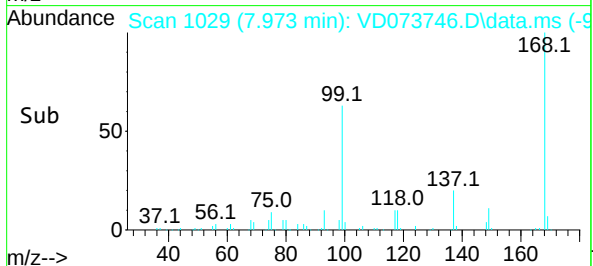
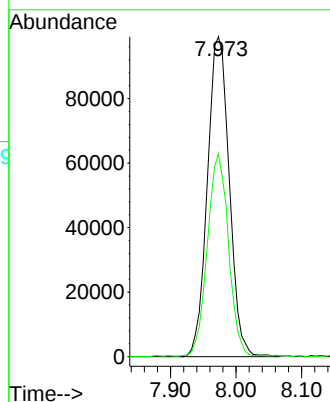
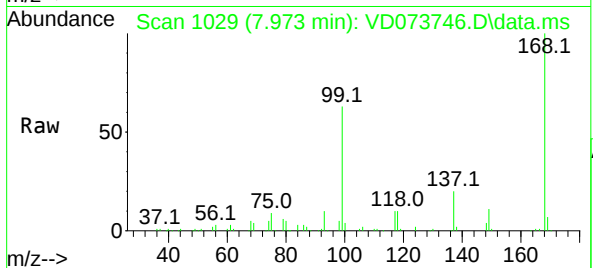




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073746.D
Acq: 28 Jun 2022 12:33

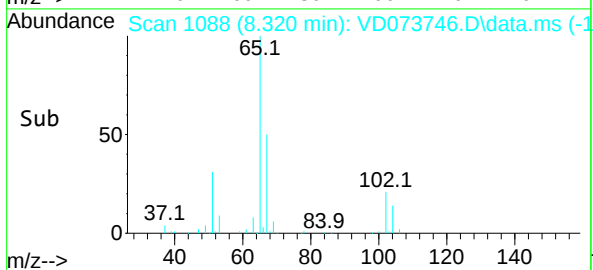
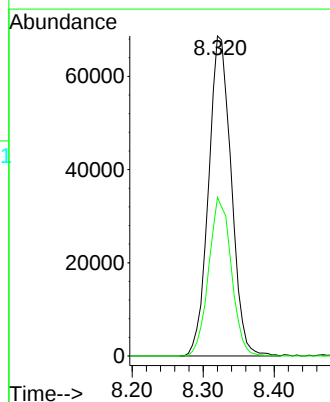
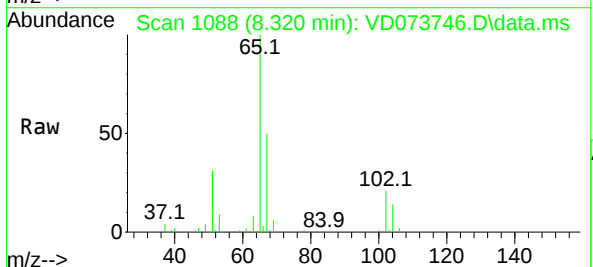
Instrument :
MSVOA_D
ClientSampleId :
SP-EXC-2-2-GR

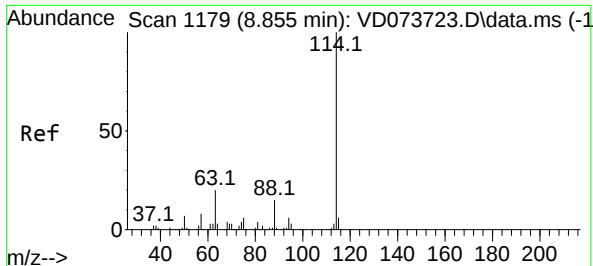
Tgt Ion:168 Resp: 230160
Ion Ratio Lower Upper
168 100
99 63.3 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 83.874 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073746.D
Acq: 28 Jun 2022 12:33

Tgt Ion: 65 Resp: 152303
Ion Ratio Lower Upper
65 100
67 49.3 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073746.D

Acq: 28 Jun 2022 12:33

Instrument :

MSVOA_D

ClientSampleId :

SP-EXC-2-2-GR

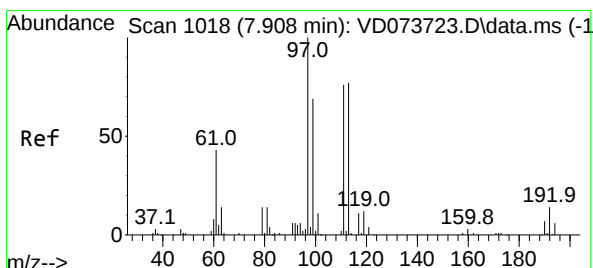
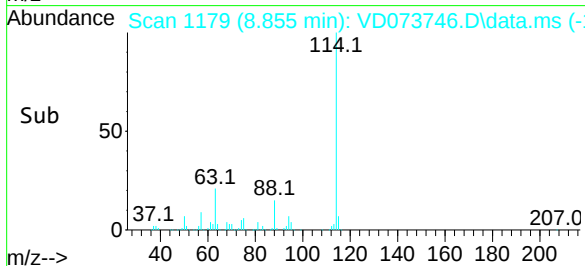
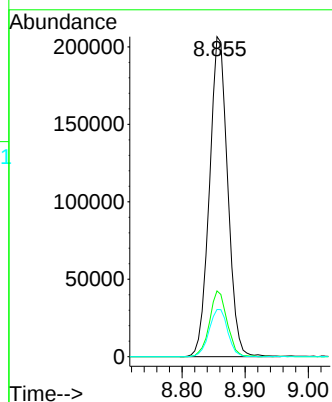
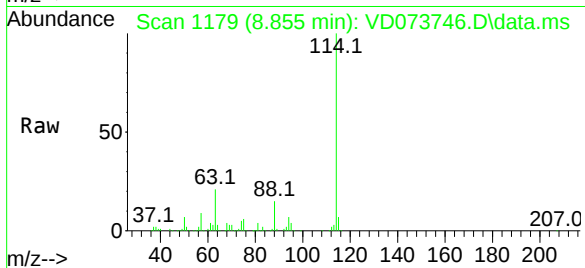
Tgt Ion:114 Resp: 414082

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.2

88 14.8 0.0 29.4



#35

Dibromofluoromethane

Concen: 58.921 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073746.D

Acq: 28 Jun 2022 12:33

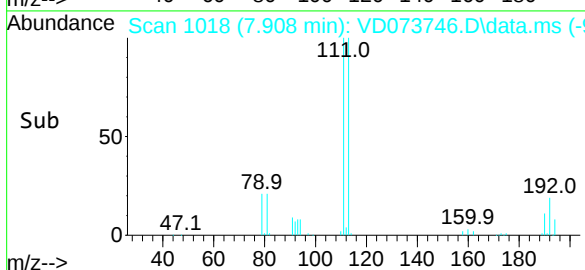
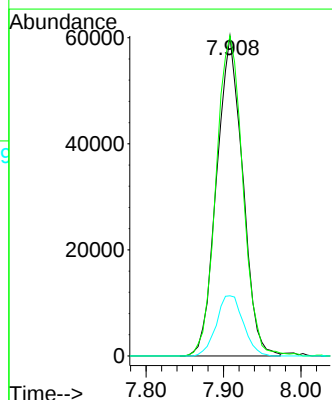
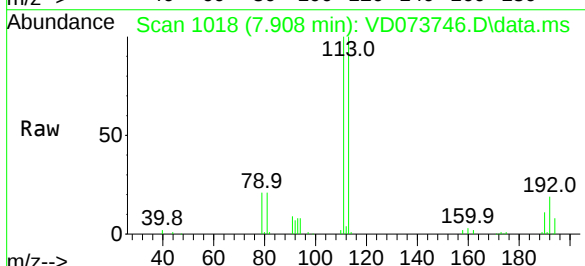
Tgt Ion:113 Resp: 140793

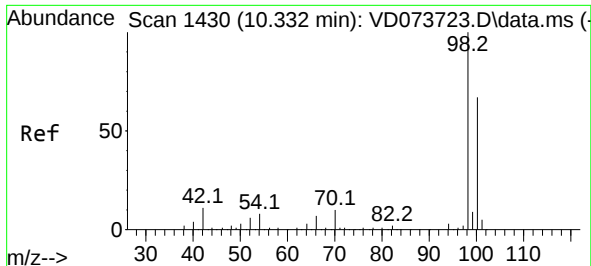
Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.6

192 19.5 14.8 22.2

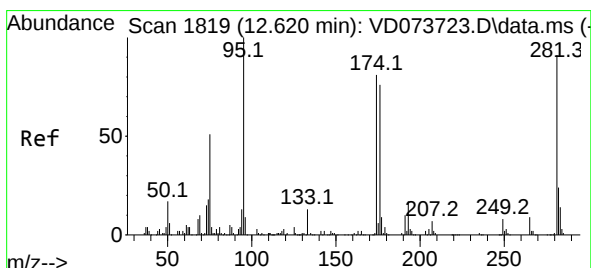
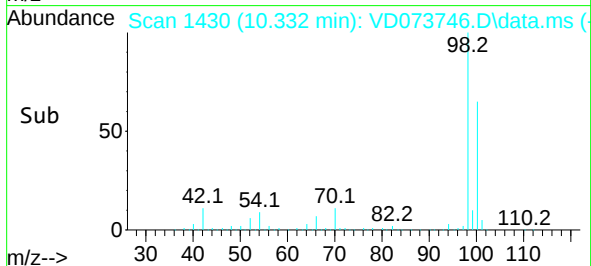
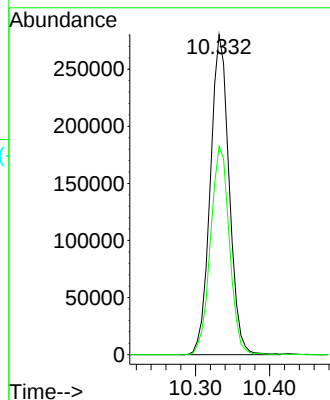
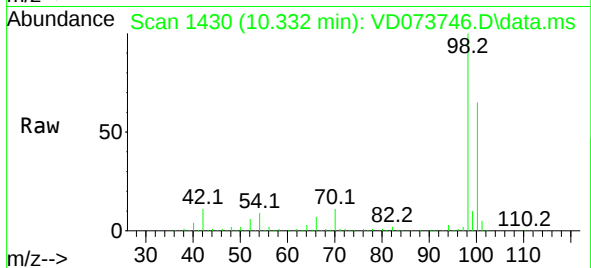




#50
Toluene-d8
Concen: 60.926 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073746.D
Acq: 28 Jun 2022 12:33

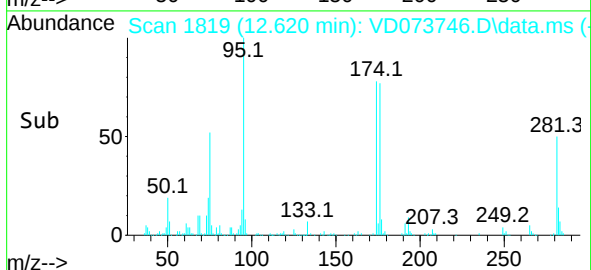
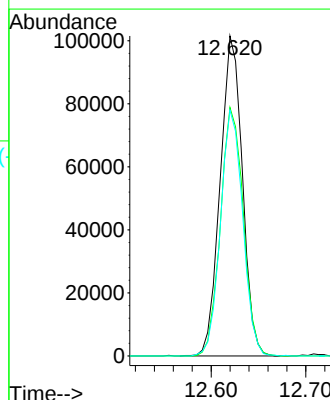
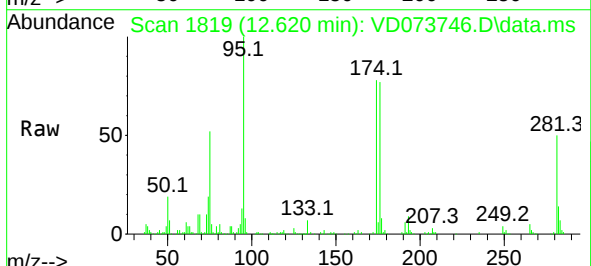
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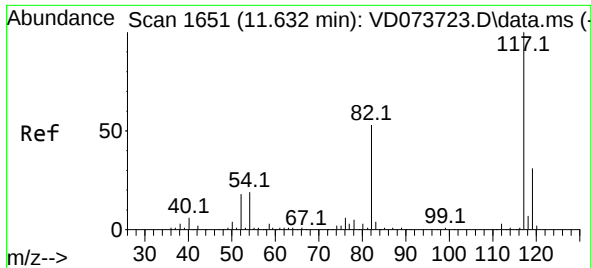
Tgt Ion: 98 Resp: 493678
Ion Ratio Lower Upper
98 100
100 65.7 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 49.553 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073746.D
Acq: 28 Jun 2022 12:33

Tgt Ion: 95 Resp: 165352
Ion Ratio Lower Upper
95 100
174 79.9 0.0 158.4
176 77.0 0.0 154.8

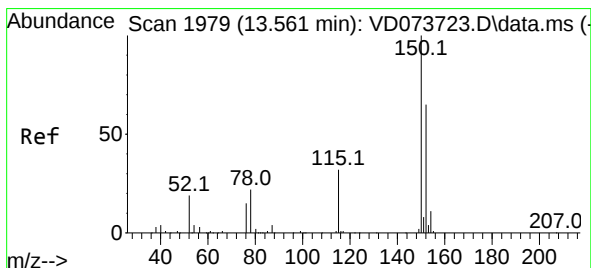
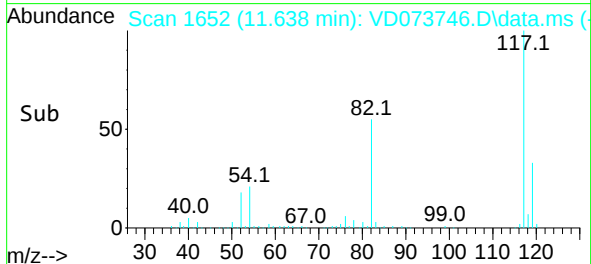
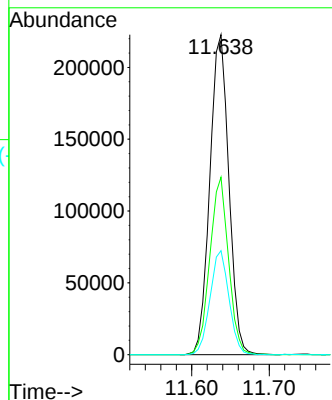
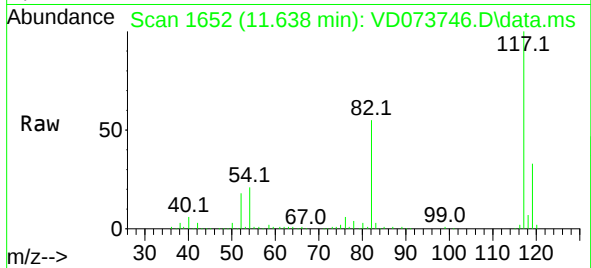




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073746.D
Acq: 28 Jun 2022 12:33

Instrument :
MSVOA_D
ClientSampleId :
SP-EXC-2-2-GR

Tgt Ion:117 Resp: 379566
Ion Ratio Lower Upper
117 100
82 55.4 41.5 62.3
119 32.5 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073746.D
Acq: 28 Jun 2022 12:33

Tgt Ion:152 Resp: 158061
Ion Ratio Lower Upper
152 100
115 60.7 30.6 91.6
150 156.1 0.0 355.0

