

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062222\
 Data File : VD073650.D
 Acq On : 22 Jun 2022 12:38
 Operator : VA/SY
 Sample : VD0622SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBL01

Quant Time: Jun 23 09:26:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 05:24:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	264111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	487028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	457256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	205088	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	166877	54.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.820%
35) Dibromofluoromethane	7.909	113	163737	46.344	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.680%
50) Toluene-d8	10.332	98	572602	45.280	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.560%
62) 4-Bromofluorobenzene	12.620	95	190654	41.111	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.220%

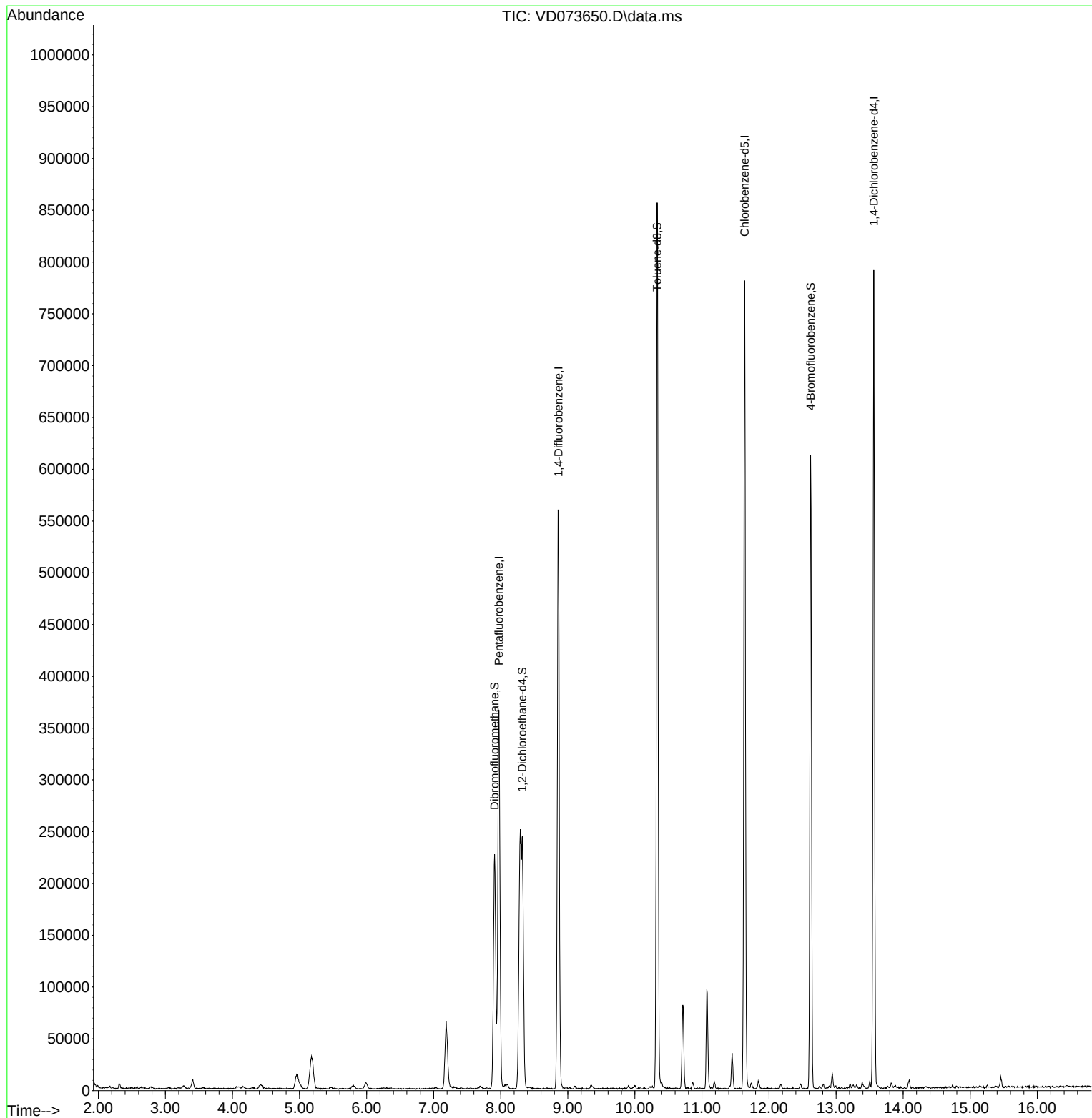
Target Compounds	Qvalue

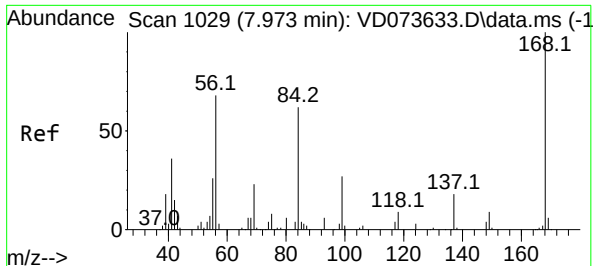
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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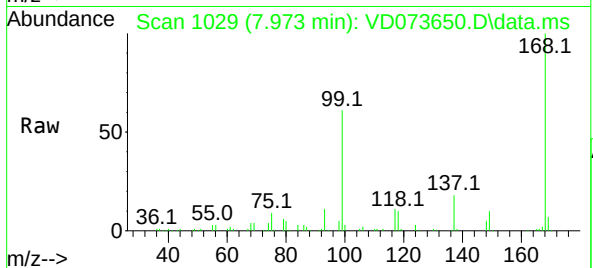
Quant Time: Jun 23 09:26:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
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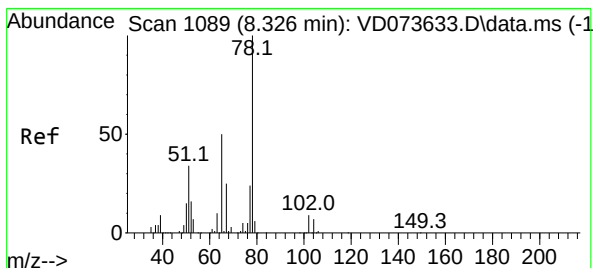
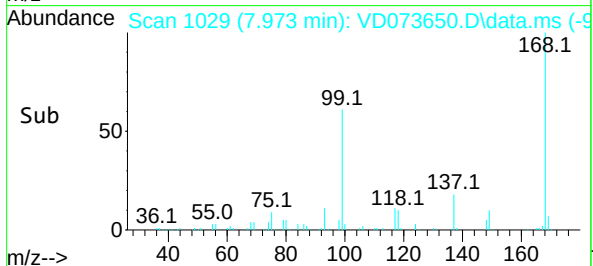
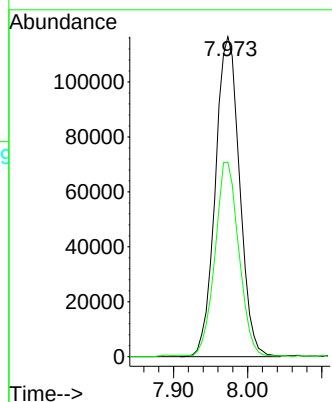


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073650.D
Acq: 22 Jun 2022 12:38

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBL01

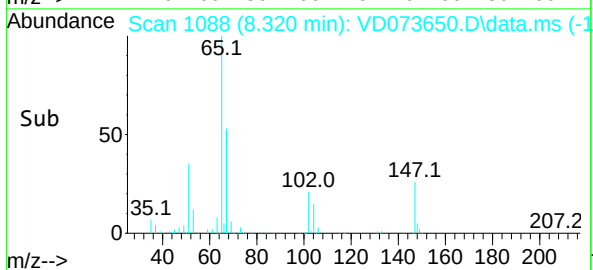
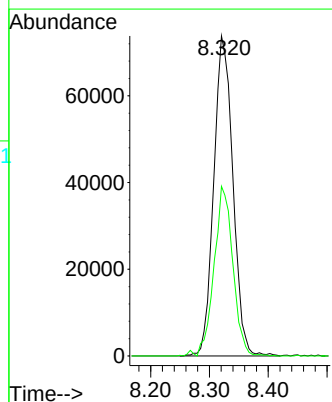
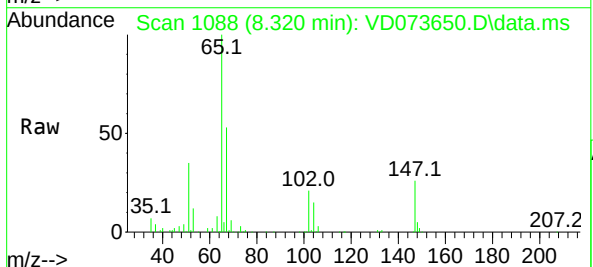


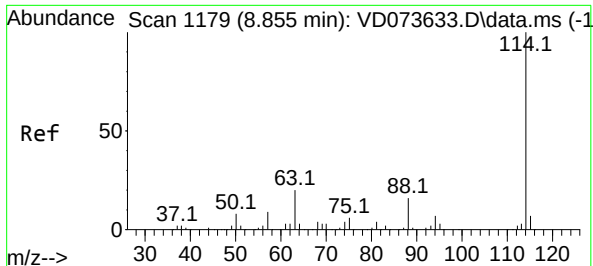
Tgt Ion:168 Resp: 264111
Ion Ratio Lower Upper
168 100
99 60.6 47.4 71.0



#33
1,2-Dichloroethane-d4
Concen: 54.914 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073650.D
Acq: 22 Jun 2022 12:38

Tgt Ion: 65 Resp: 166877
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073650.D

Acq: 22 Jun 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VD0622SBL01

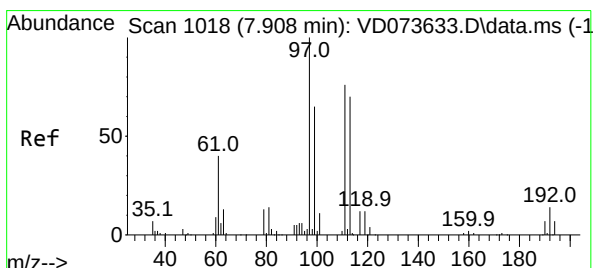
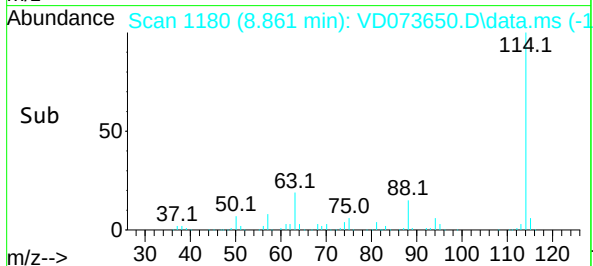
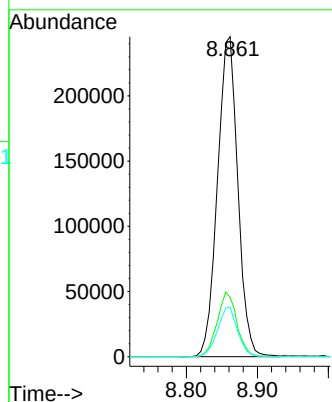
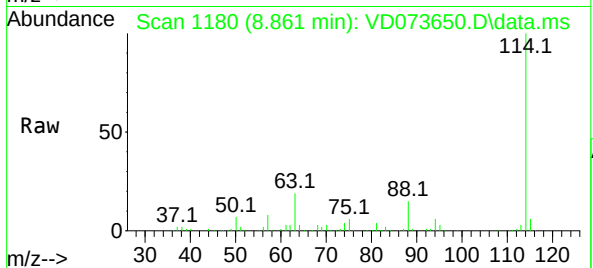
Tgt Ion:114 Resp: 487028

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.4

88 15.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.344 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073650.D

Acq: 22 Jun 2022 12:38

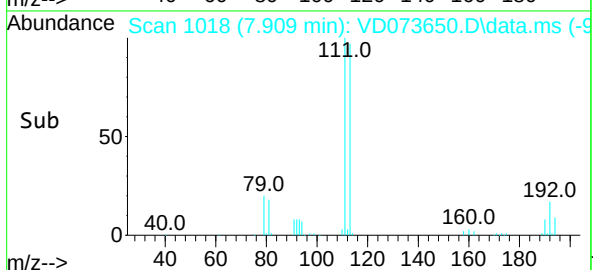
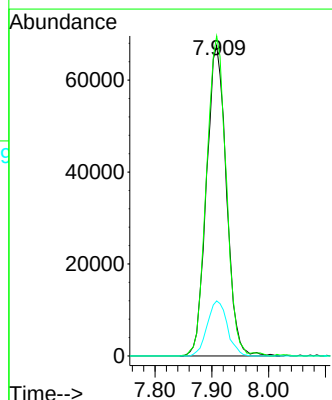
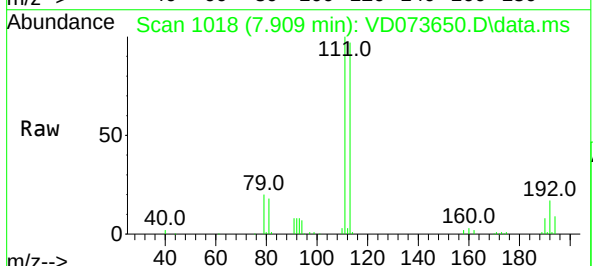
Tgt Ion:113 Resp: 163737

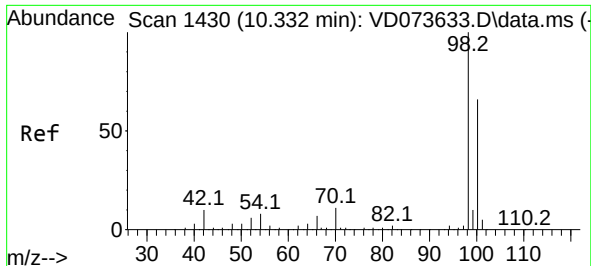
Ion Ratio Lower Upper

113 100

111 101.8 81.1 121.7

192 17.9 14.3 21.5

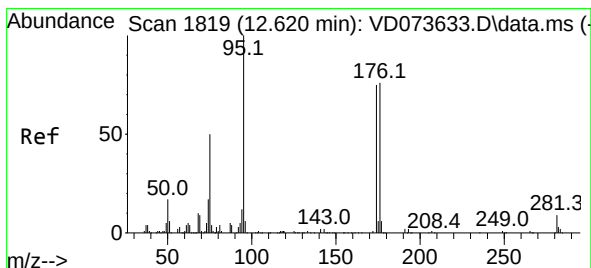
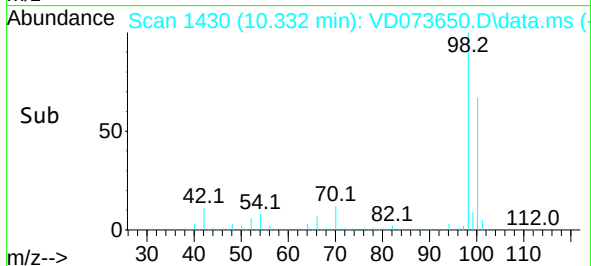
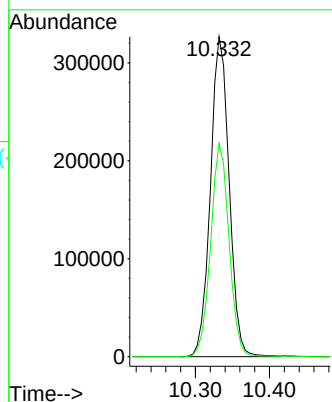
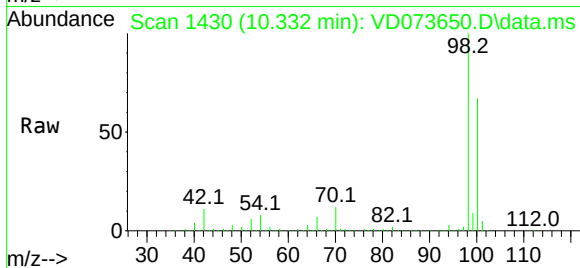




#50
Toluene-d8
Concen: 45.280 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073650.D
Acq: 22 Jun 2022 12:38

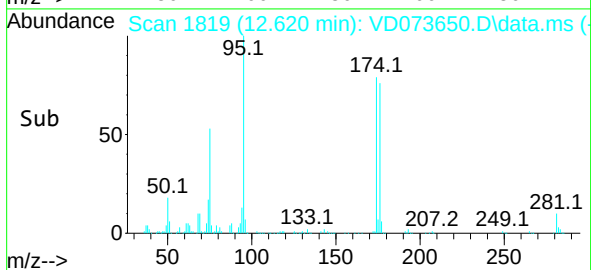
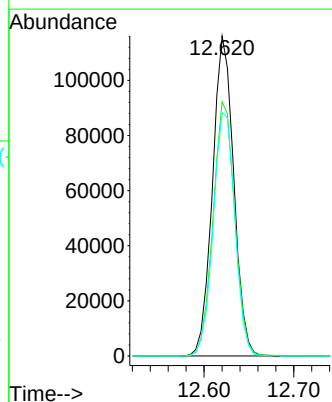
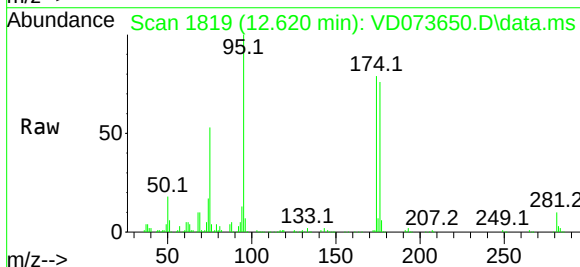
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VD0622SBL01

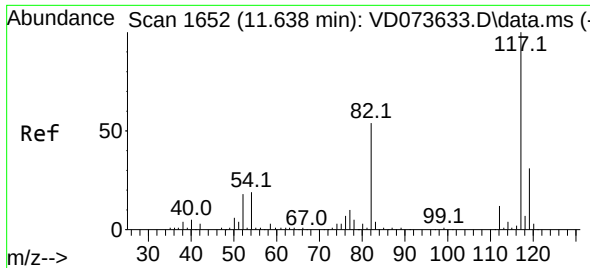
Tgt Ion: 98 Resp: 572602
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 41.111 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073650.D
Acq: 22 Jun 2022 12:38

Tgt Ion: 95 Resp: 190654
Ion Ratio Lower Upper
95 100
174 81.4 0.0 156.4
176 78.0 0.0 151.8

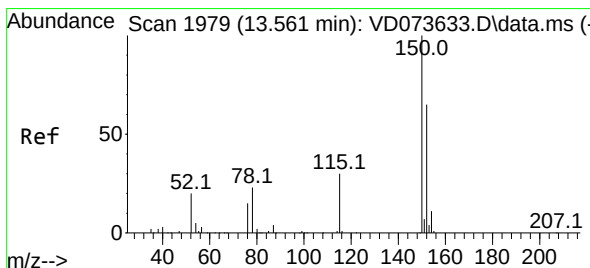
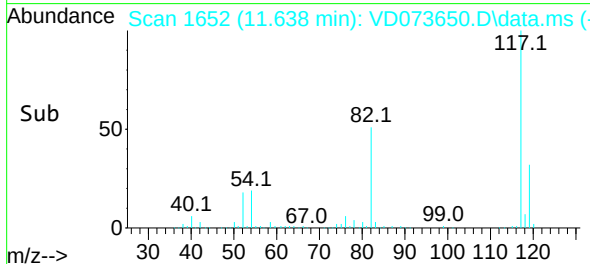
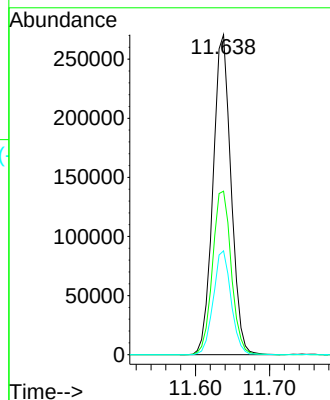
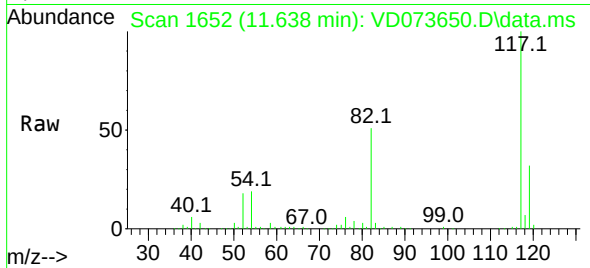




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073650.D
Acq: 22 Jun 2022 12:38

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBL01

Tgt Ion:117 Resp: 457256
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 32.4 24.5 36.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073650.D
Acq: 22 Jun 2022 12:38

Tgt Ion:152 Resp: 205088
Ion Ratio Lower Upper
152 100
115 59.7 29.6 88.9
150 158.2 0.0 351.2

