

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073059.D
 Acq On : 17 May 2022 16:14
 Operator : VA/SY
 Sample : VD0517SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBL01

Quant Time: May 18 03:20:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 17 13:03:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	341601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	615603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	619485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	287228	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	192897	45.154	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.300%
35) Dibromofluoromethane	7.908	113	203372	47.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.100%
50) Toluene-d8	10.332	98	753788	48.073	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.140%
62) 4-Bromofluorobenzene	12.620	95	278244	48.993	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.980%

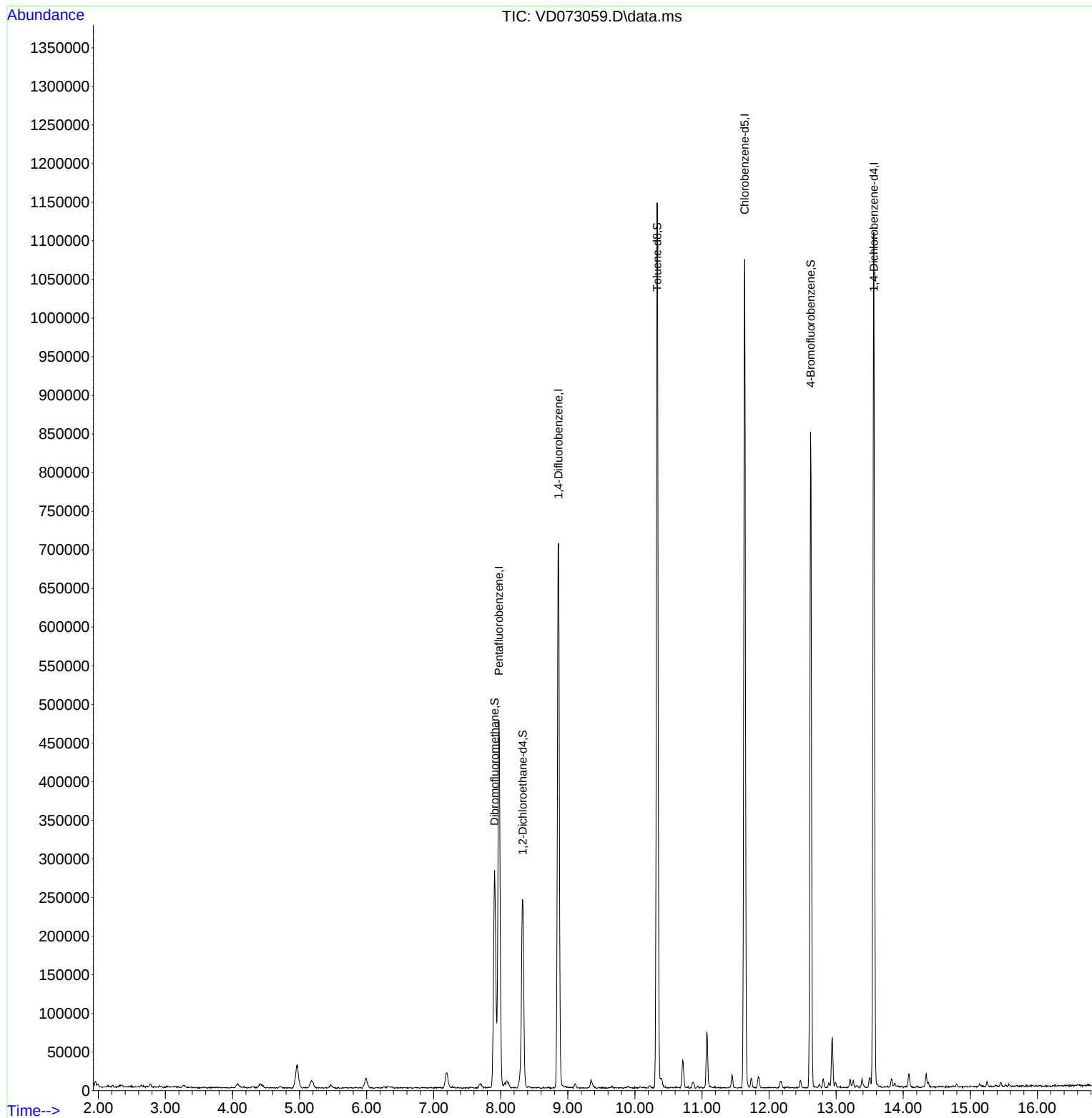
Target Compounds	Qvalue

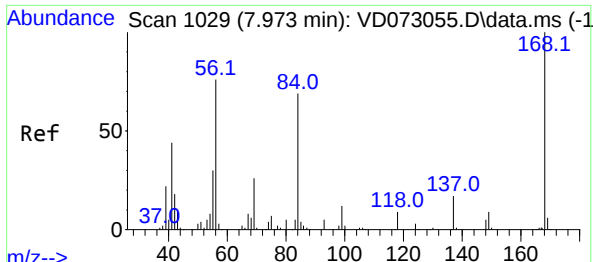
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073059.D

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Instrument :

MSVOA_D

ClientSampleId :

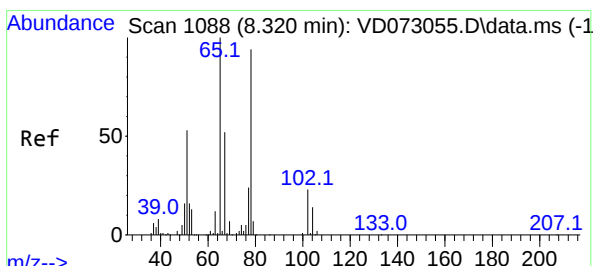
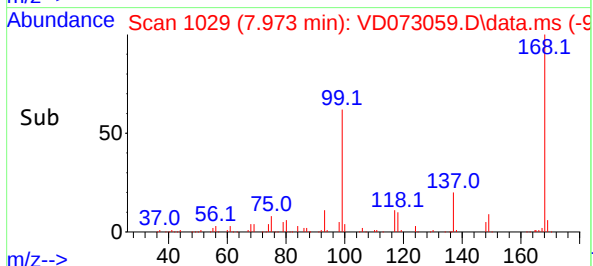
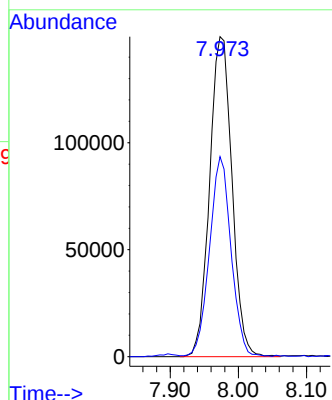
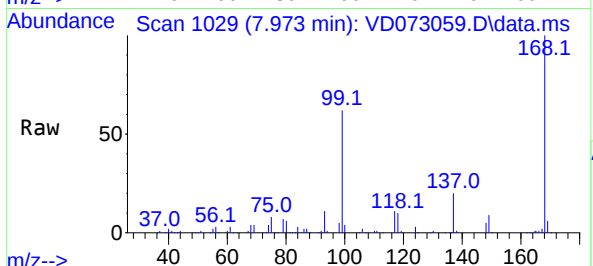
VD0517SBL01

Tgt Ion:168 Resp: 341601

Ion Ratio Lower Upper

168 100

99 62.3 49.8 74.6



1,2-Dichloroethane-d4

Concen: 45.154 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD073059.D

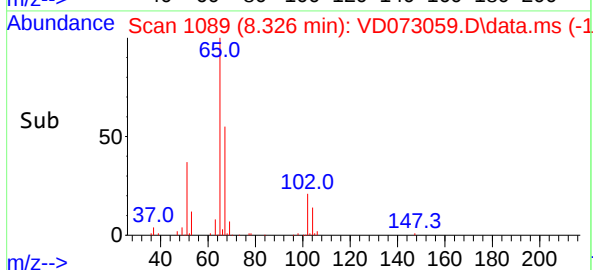
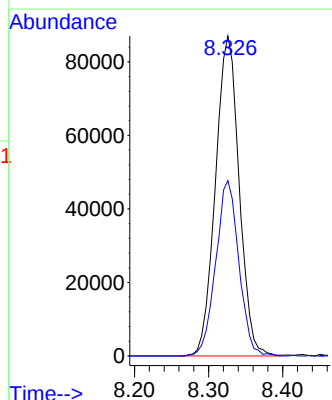
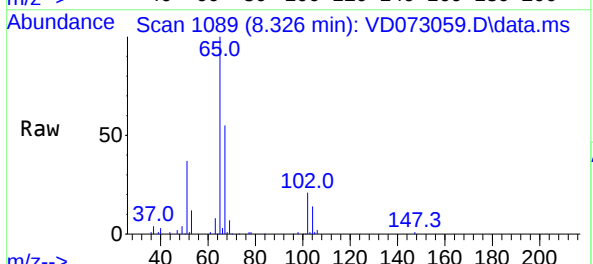
Acq: 17 May 2022 16:14

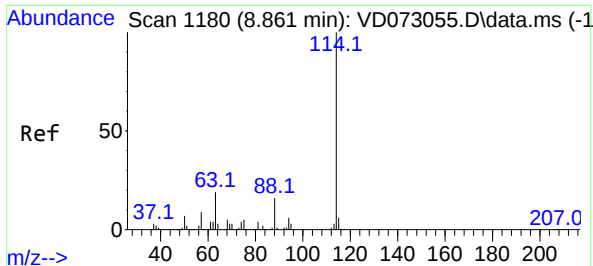
Tgt Ion: 65 Resp: 192897

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073059.D

Acq: 17 May 2022 16:14

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBL01

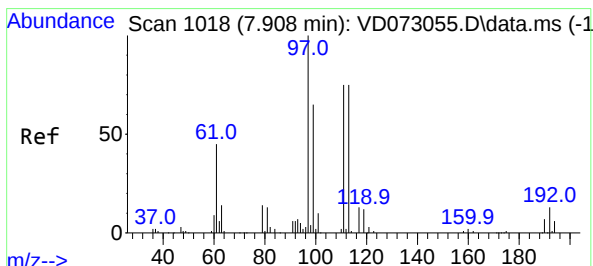
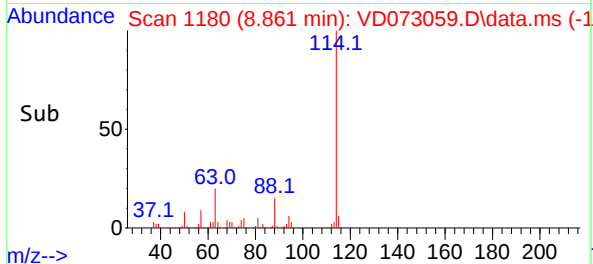
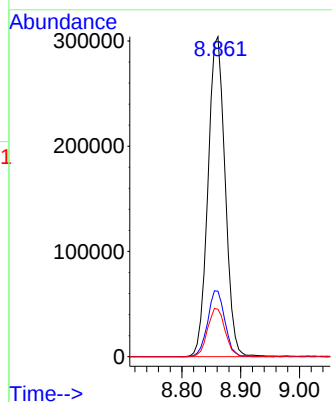
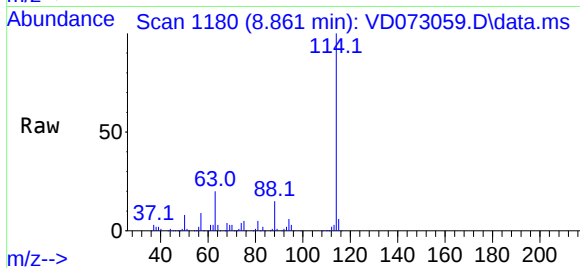
Tgt Ion:114 Resp: 615603

Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 14.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.053 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073059.D

Acq: 17 May 2022 16:14

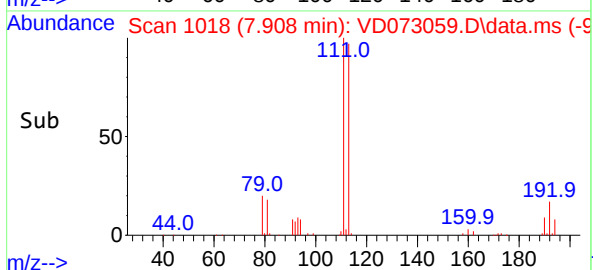
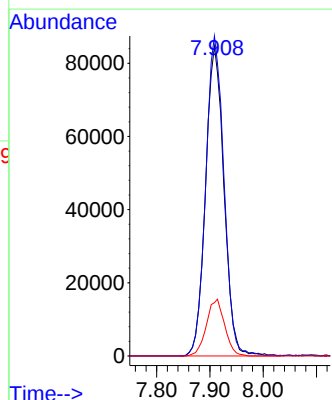
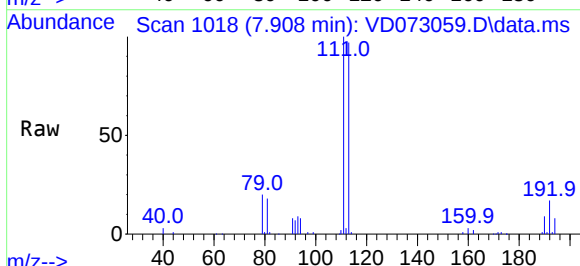
Tgt Ion:113 Resp: 203372

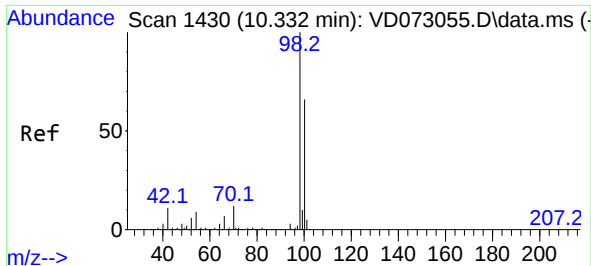
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 18.2 14.6 21.8

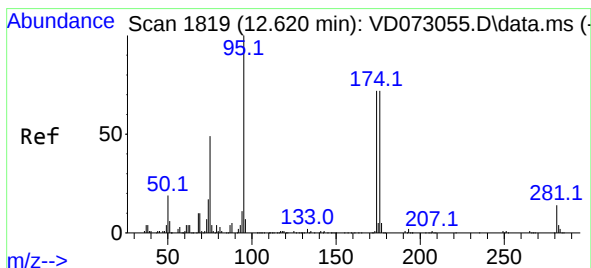
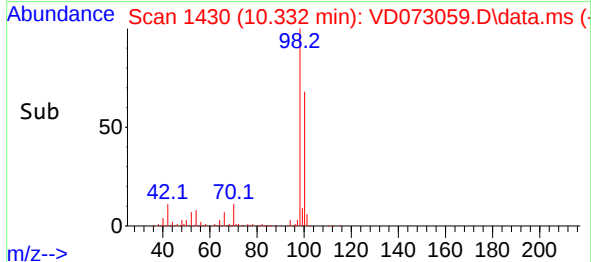
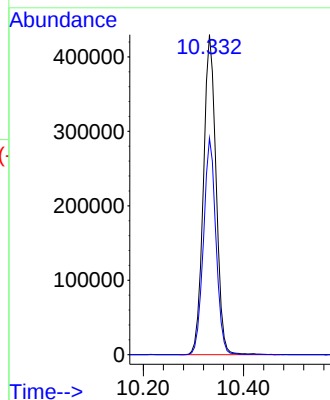
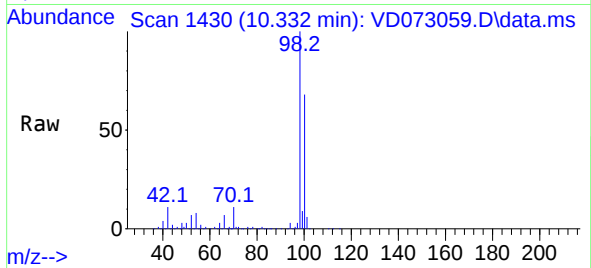




#50
Toluene-d8
Concen: 48.073 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073059.D
Acq: 17 May 2022 16:14

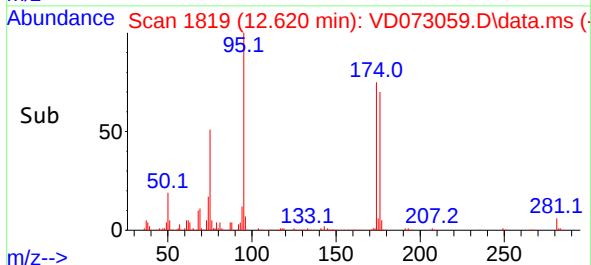
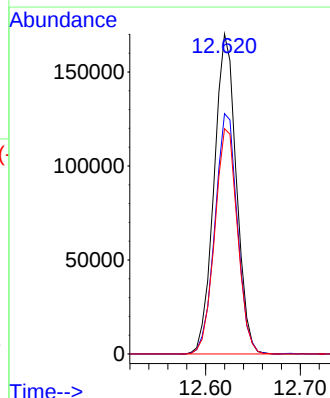
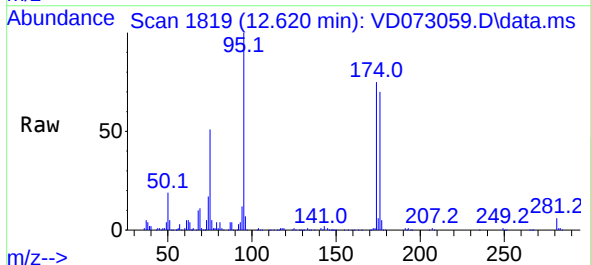
Instrument :
MSVOA_D
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VD0517SBL01

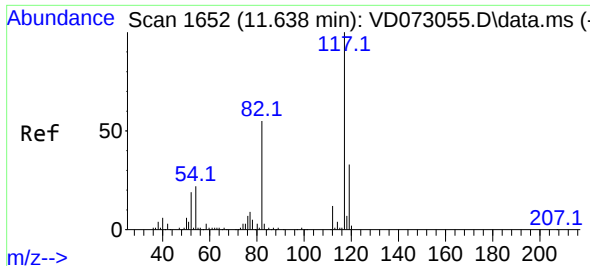
Tgt Ion: 98 Resp: 753788
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.993 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073059.D
Acq: 17 May 2022 16:14

Tgt Ion: 95 Resp: 278244
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 71.8 0.0 145.4

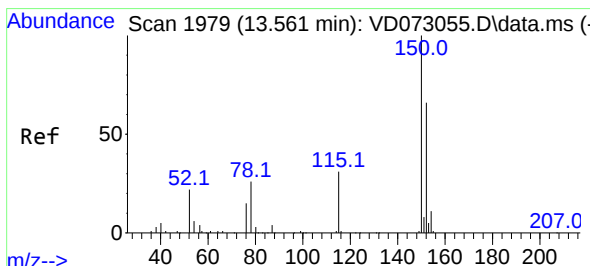
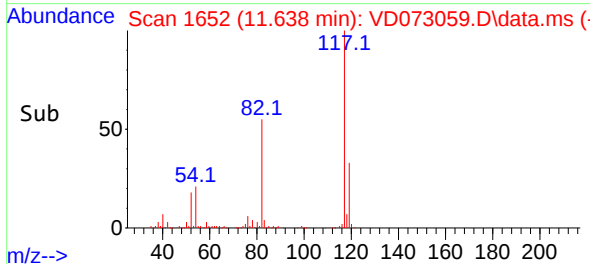
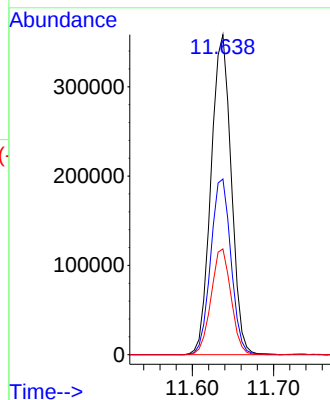
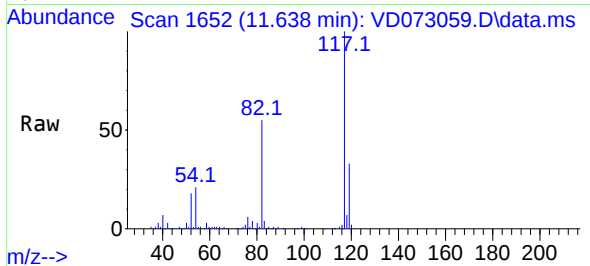




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073059.D
Acq: 17 May 2022 16:14

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBL01

Tgt Ion:117 Resp: 619485
Ion Ratio Lower Upper
117 100
82 54.9 45.3 67.9
119 33.0 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: VD073059.D
Acq: 17 May 2022 16:14

Tgt Ion:152 Resp: 287228
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 157.1 0.0 348.6

