

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073090.D
 Acq On : 18 May 2022 11:00
 Operator : VA/SY
 Sample : VD0518SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0518SBL01

Quant Time: May 18 16:27:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	301536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	556914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	574358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	259323	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	180990	47.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.000%
35) Dibromofluoromethane	7.908	113	189930	48.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.140%
50) Toluene-d8	10.332	98	691219	48.728	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.460%
62) 4-Bromofluorobenzene	12.620	95	247878	48.245	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.500%

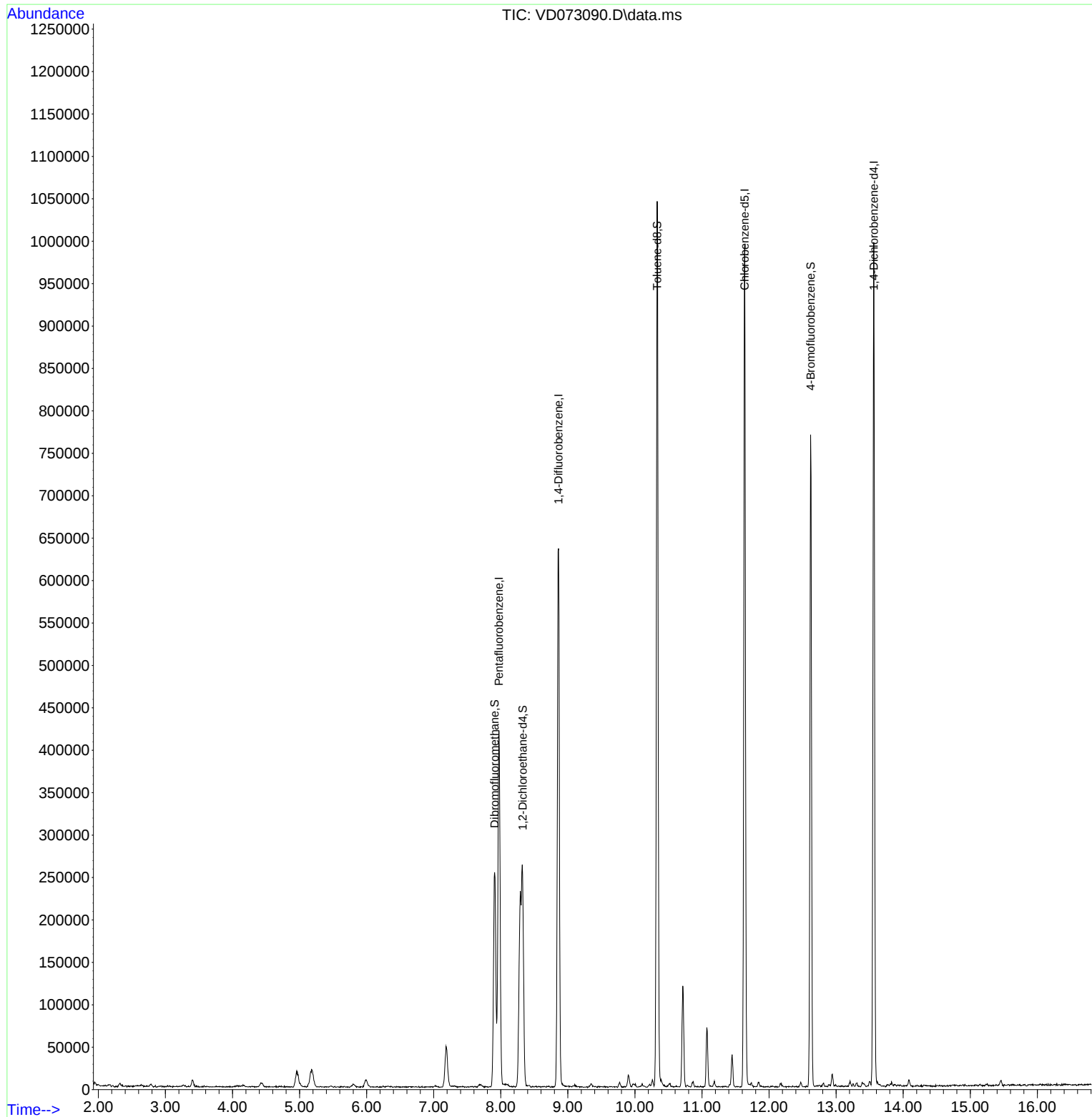
Target Compounds	Qvalue

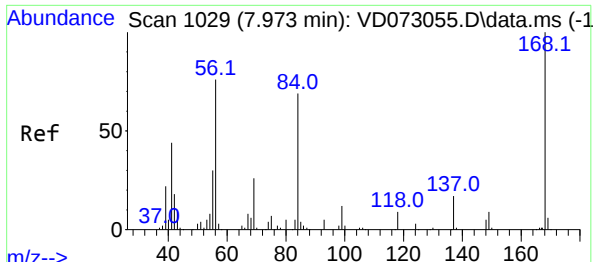
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073090.D

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Instrument :

MSVOA_D

ClientSampleId :

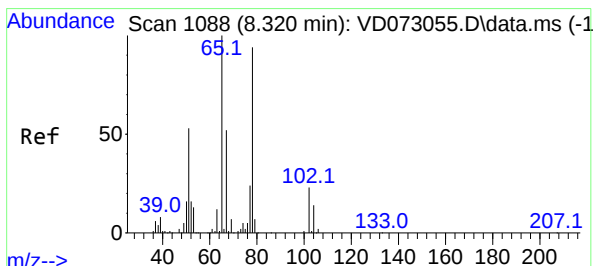
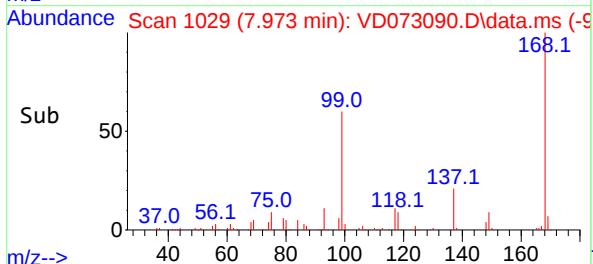
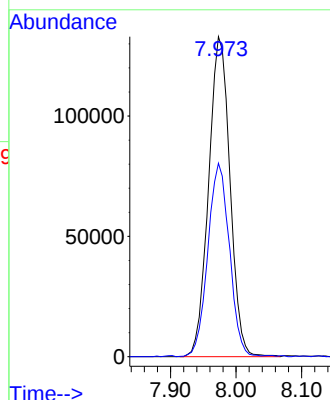
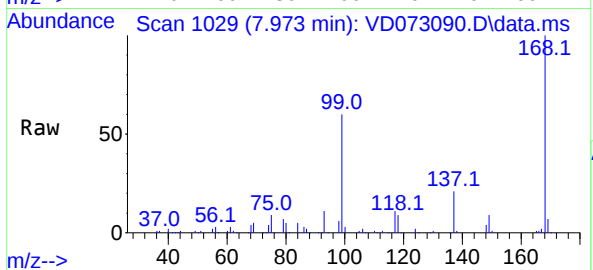
VD0518SBL01

Tgt Ion:168 Resp: 301536

Ion Ratio Lower Upper

168 100

99 60.3 49.8 74.6



1,2-Dichloroethane-d4

Concen: 47.996 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD073090.D

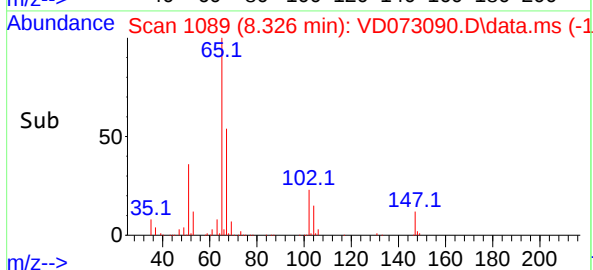
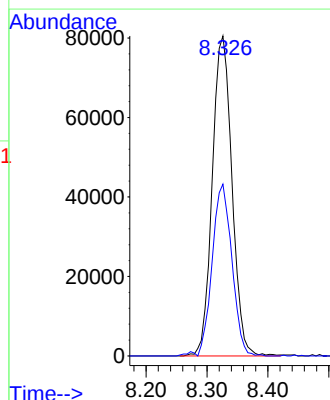
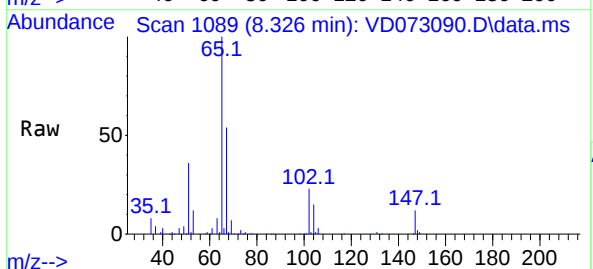
Acq: 18 May 2022 11:00

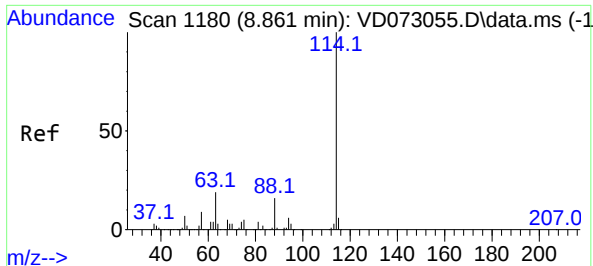
Tgt Ion: 65 Resp: 180990

Ion Ratio Lower Upper

65 100

67 54.0 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: VD073090.D

Acq: 18 May 2022 11:00

Instrument :

MSVOA_D

ClientSampleId :

VD0518SBL01

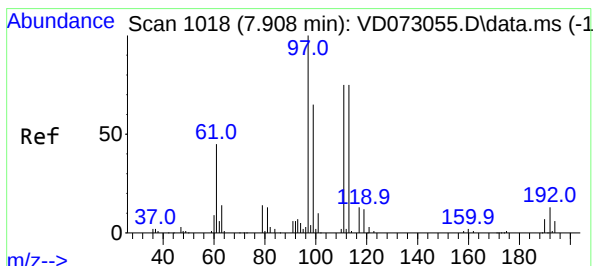
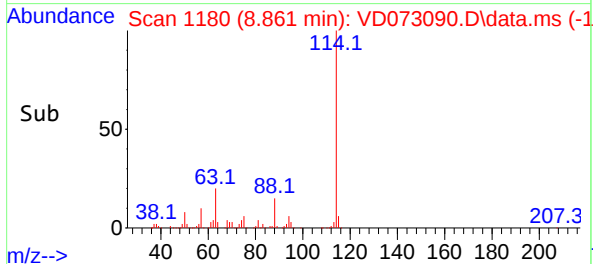
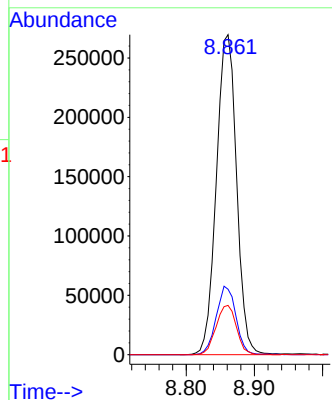
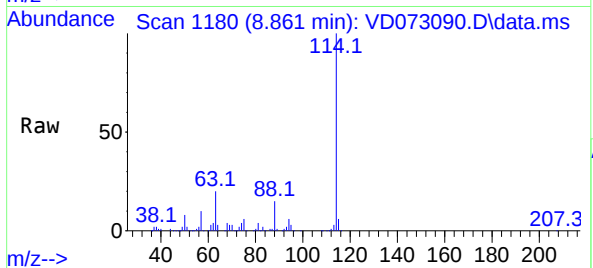
Tgt Ion:114 Resp: 556914

Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.573 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073090.D

Acq: 18 May 2022 11:00

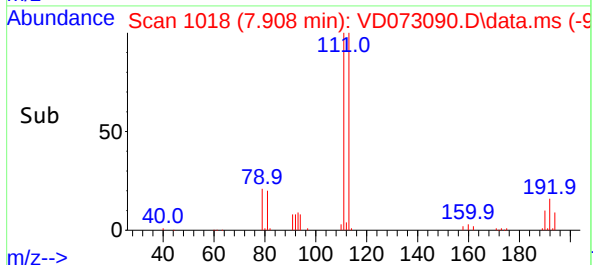
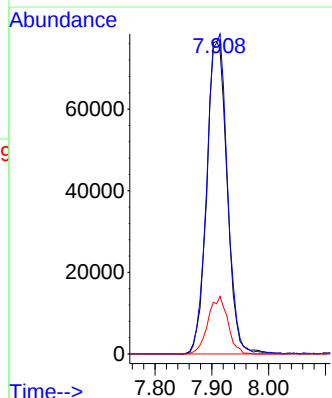
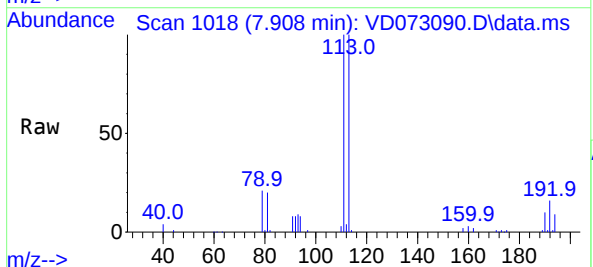
Tgt Ion:113 Resp: 189930

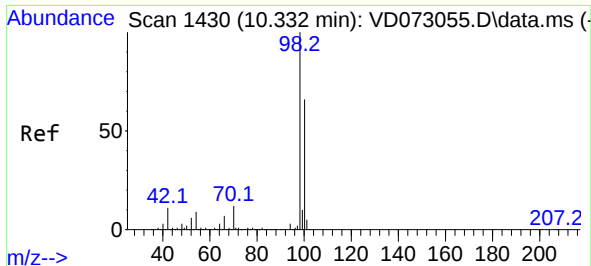
Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 17.9 14.6 21.8

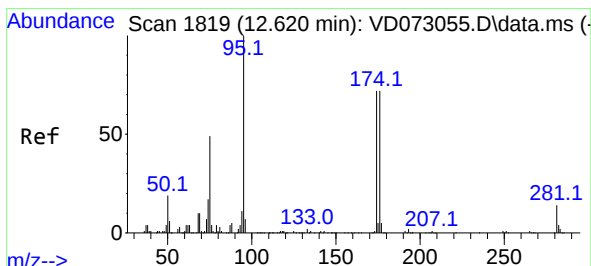
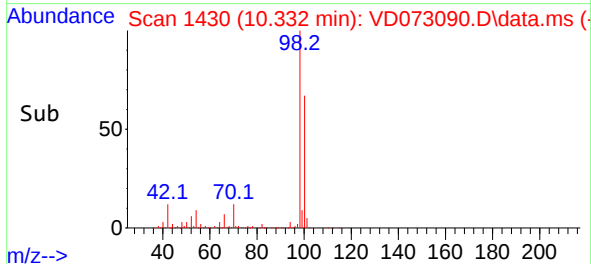
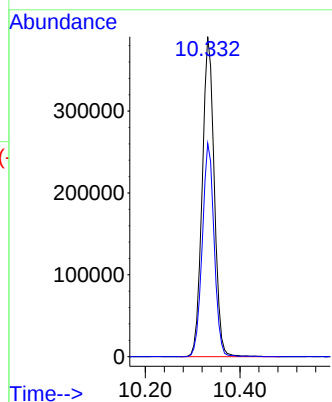
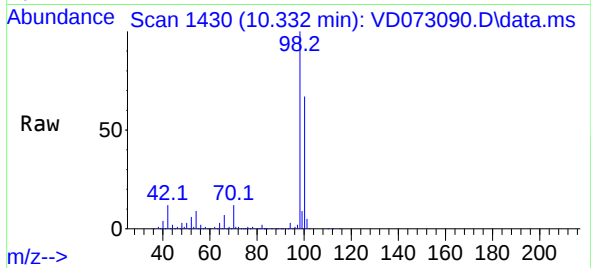




#50
Toluene-d8
Concen: 48.728 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073090.D
Acq: 18 May 2022 11:00

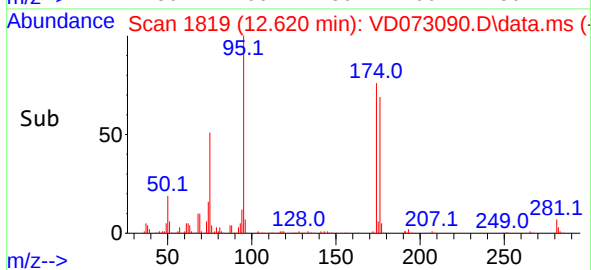
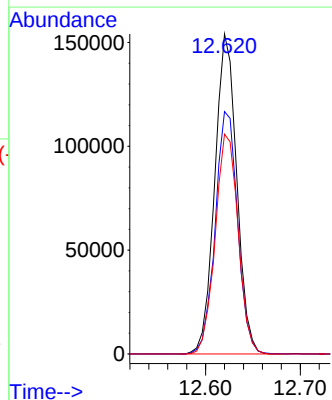
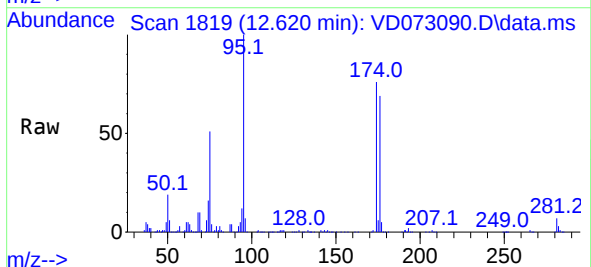
Instrument :
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VD0518SBL01

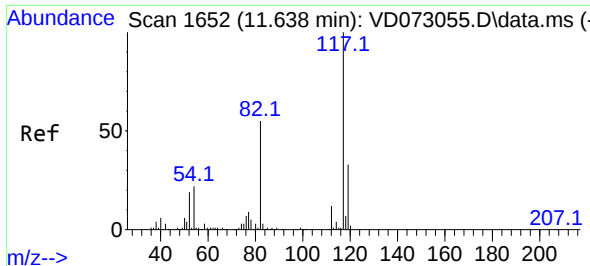
Tgt Ion: 98 Resp: 691219
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.245 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073090.D
Acq: 18 May 2022 11:00

Tgt Ion: 95 Resp: 247878
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 71.8 0.0 145.4

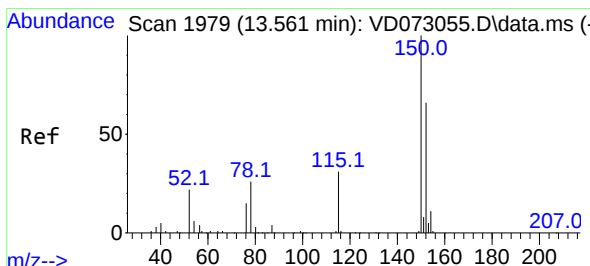
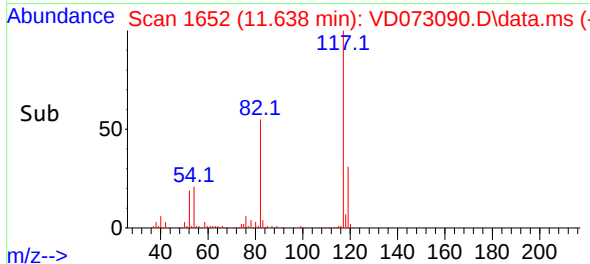
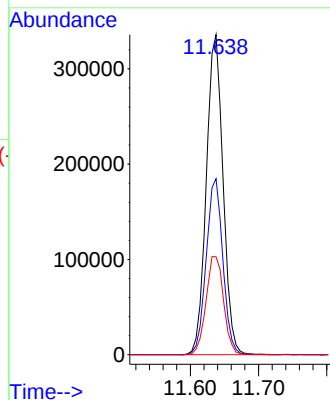
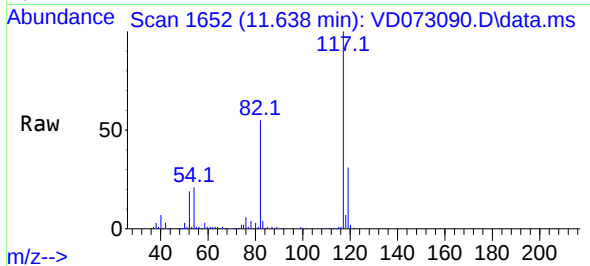




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073090.D
Acq: 18 May 2022 11:00

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBL01

Tgt Ion:117 Resp: 574358
Ion Ratio Lower Upper
117 100
82 55.0 45.3 67.9
119 30.6 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: VD073090.D
Acq: 18 May 2022 11:00

Tgt Ion:152 Resp: 259323
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 158.2 0.0 348.6

