

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072383.D
 Acq On : 23 Mar 2022 14:51
 Operator : VA/SY
 Sample : N2063-03
 Misc : 4.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3-(10-10.5)

Quant Time: Mar 24 00:52:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	372766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	629787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	704424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	361863	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	188297	45.326	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.660%
35) Dibromofluoromethane	7.908	113	195642	44.144	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.280%
50) Toluene-d8	10.338	98	798936	49.301	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.626	95	371284	58.966	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.940%

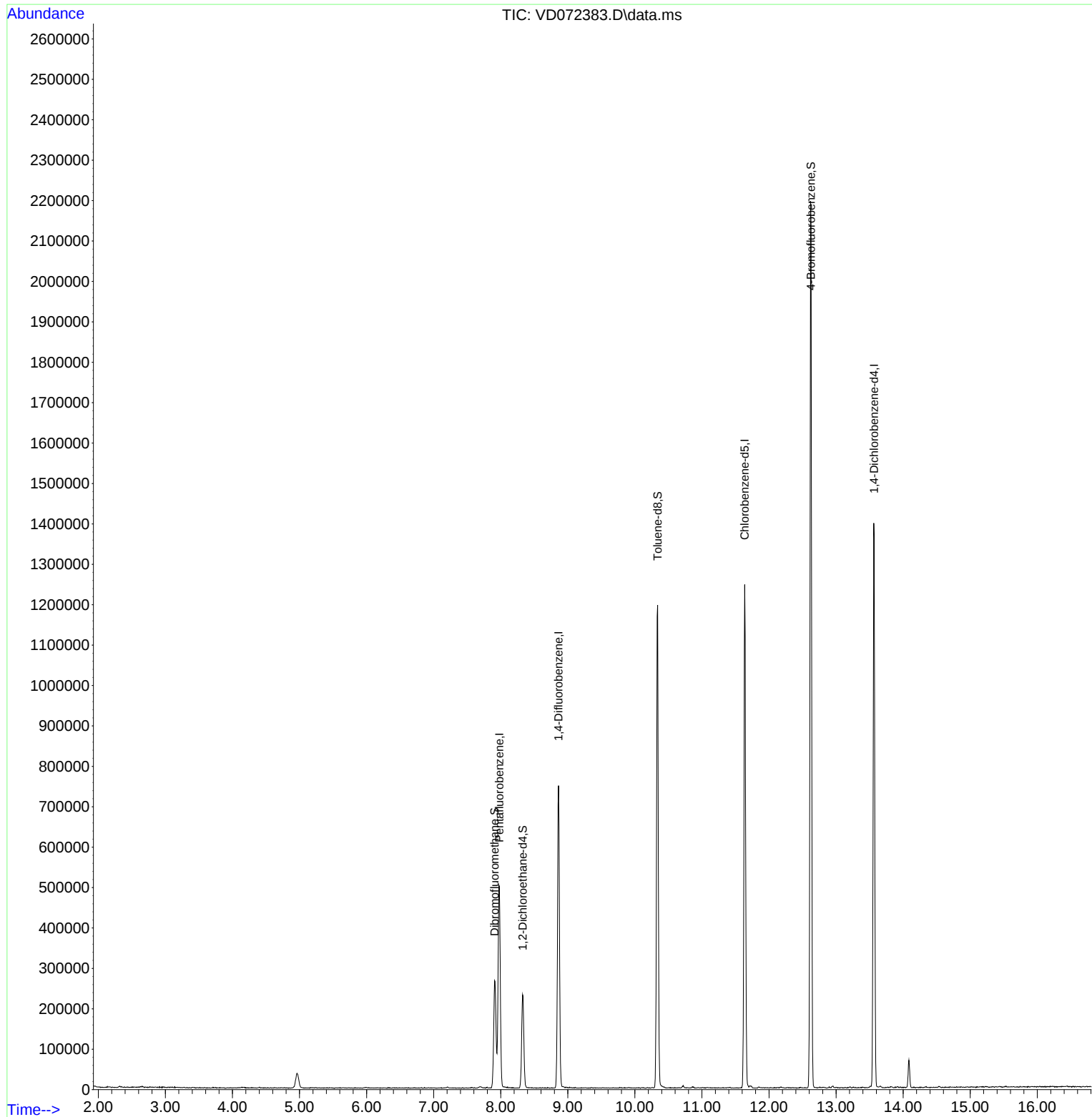
Target Compounds	Qvalue

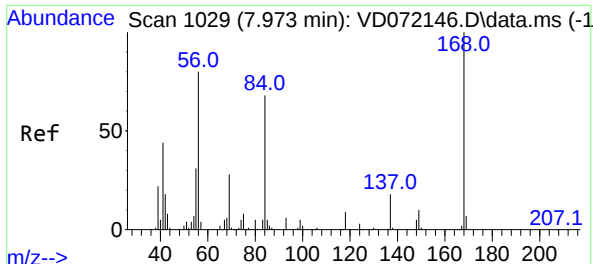
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072383.D

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Instrument :

MSVOA_D

ClientSampleId :

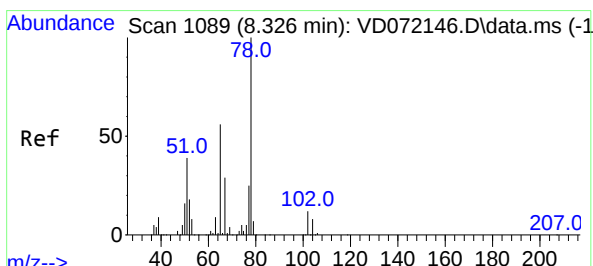
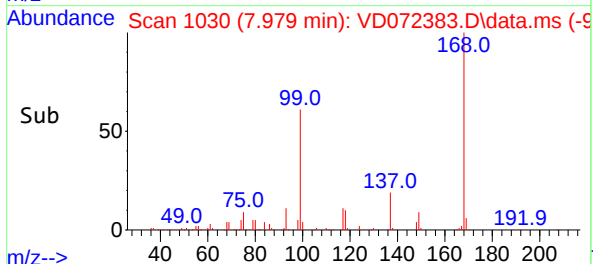
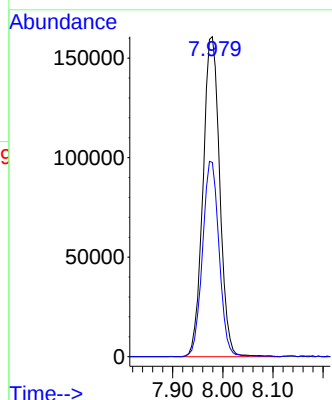
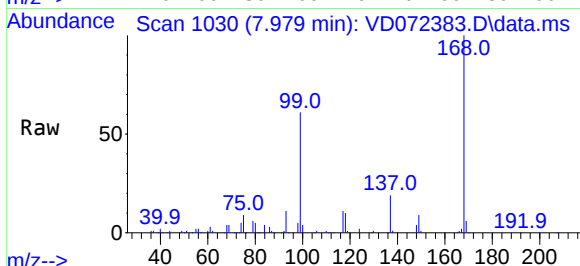
WC-3-(10-10.5)

Tgt Ion:168 Resp: 372766

Ion Ratio Lower Upper

168 100

99 60.7 49.8 74.6



1,2-Dichloroethane-d4

Concen: 45.326 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072383.D

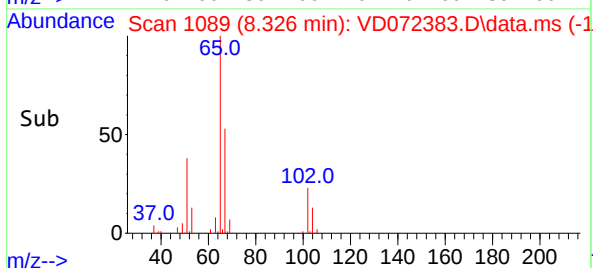
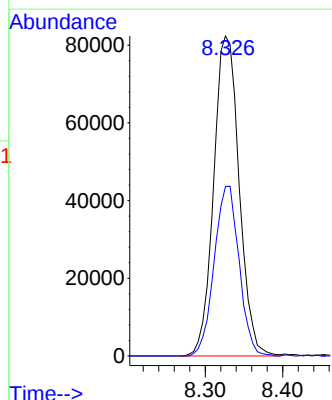
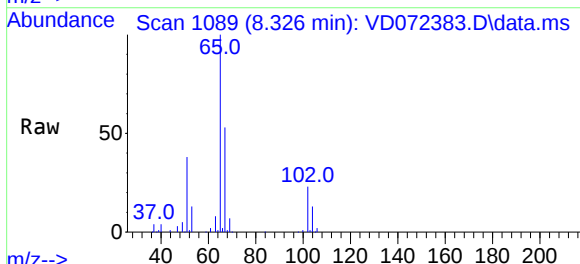
Acq: 23 Mar 2022 14:51

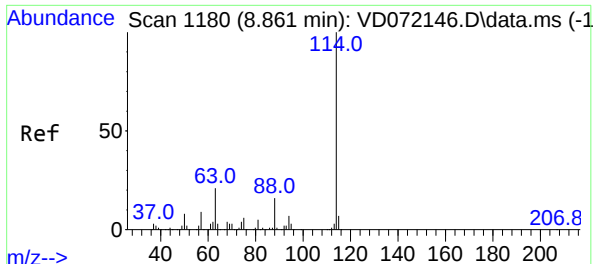
Tgt Ion: 65 Resp: 188297

Ion Ratio Lower Upper

65 100

67 51.8 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: VD072383.D

Acq: 23 Mar 2022 14:51

Instrument :

MSVOA_D

ClientSampleId :

WC-3-(10-10.5)

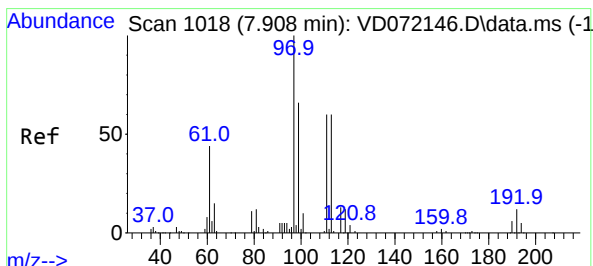
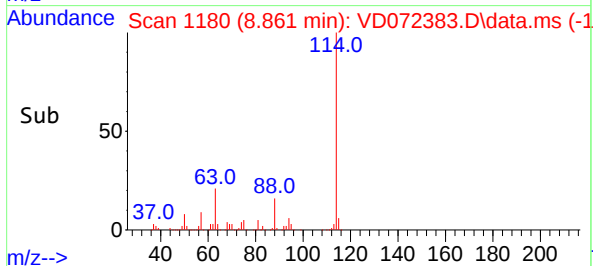
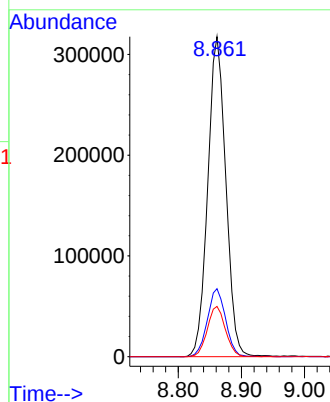
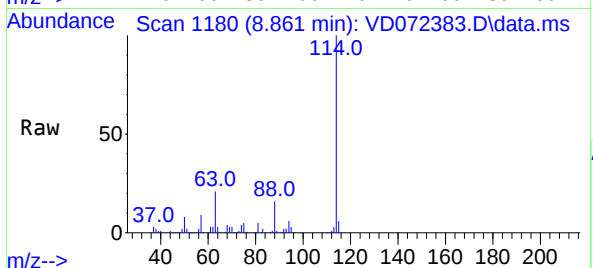
Tgt Ion:114 Resp: 629787

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 15.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.144 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072383.D

Acq: 23 Mar 2022 14:51

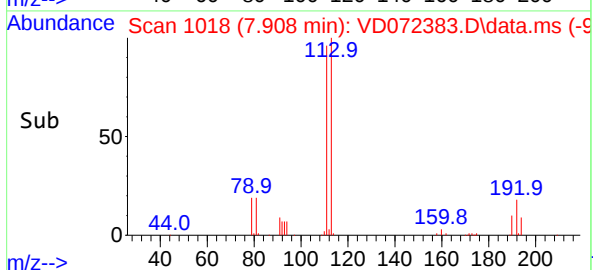
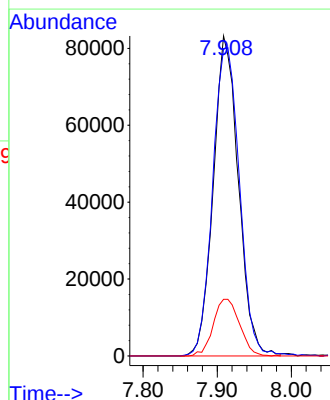
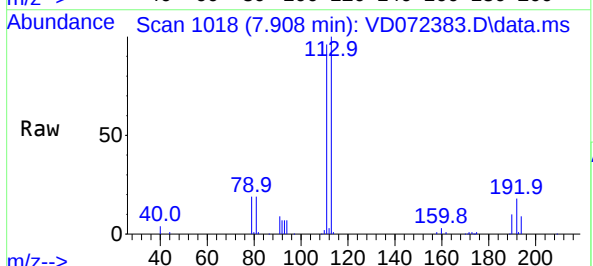
Tgt Ion:113 Resp: 195642

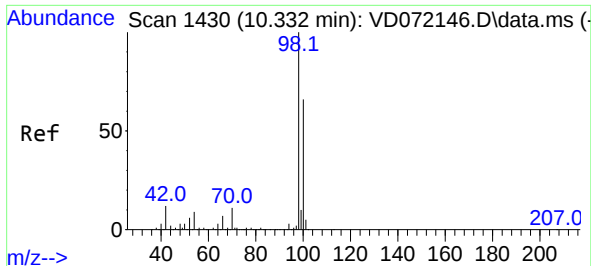
Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 18.6 14.6 21.8

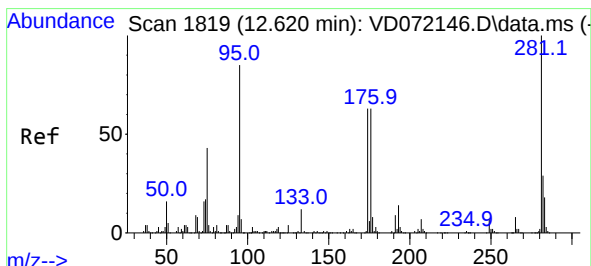
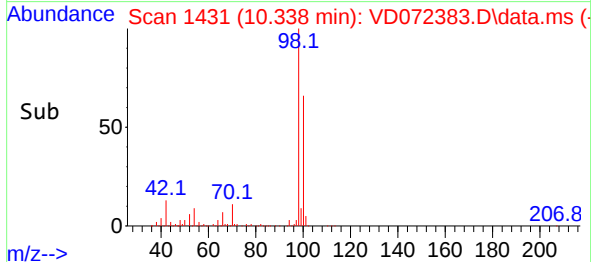
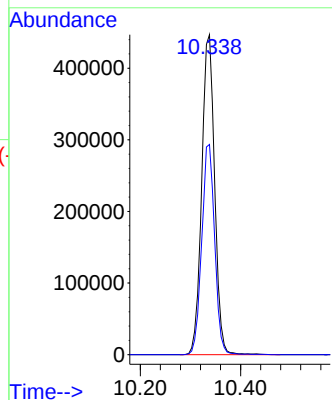
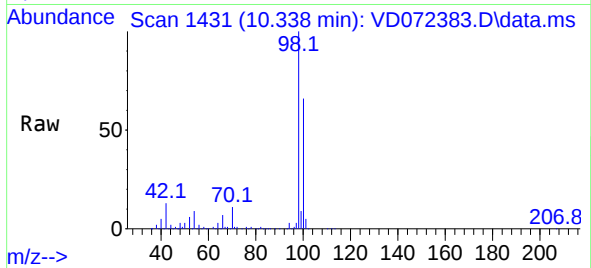




#50
Toluene-d8
Concen: 49.301 ug/l
RT: 10.338 min Scan# 14
Delta R.T. 0.006 min
Lab File: VD072383.D
Acq: 23 Mar 2022 14:51

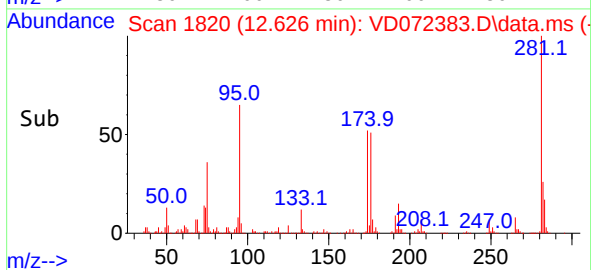
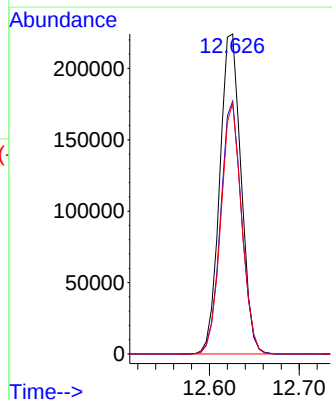
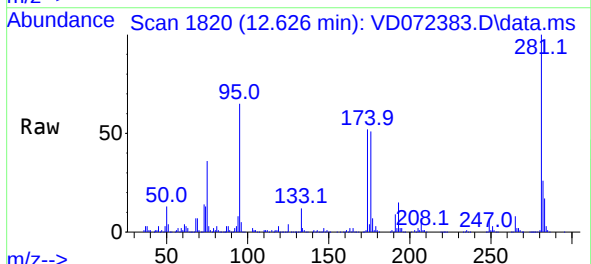
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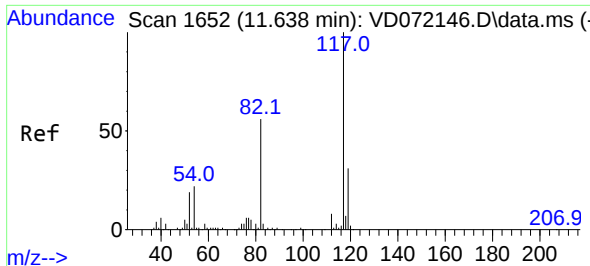
Tgt Ion: 98 Resp: 798936
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 58.966 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072383.D
Acq: 23 Mar 2022 14:51

Tgt Ion: 95 Resp: 371284
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 75.8 0.0 145.4

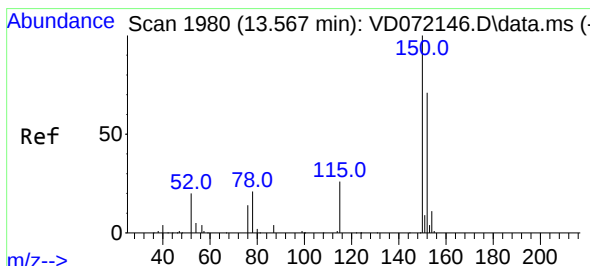
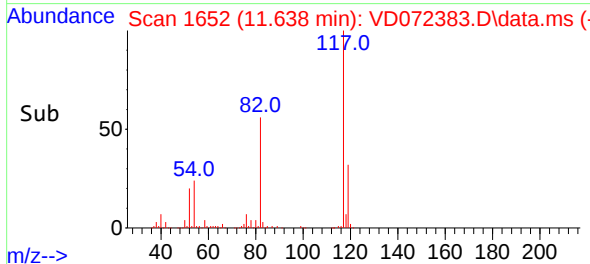
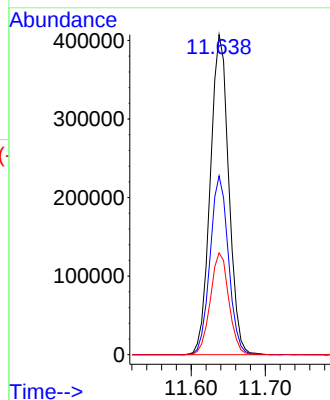
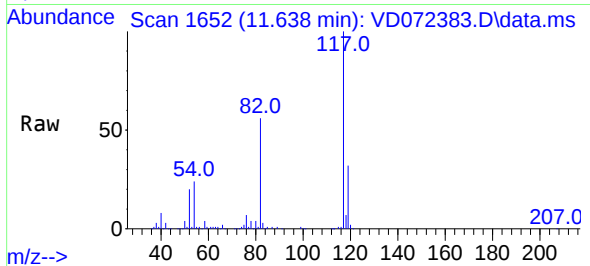




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072383.D
Acq: 23 Mar 2022 14:51

Instrument :
MSVOA_D
ClientSampleId :
WC-3-(10-10.5)

Tgt Ion:117 Resp: 704424
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 31.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072383.D
Acq: 23 Mar 2022 14:51

Tgt Ion:152 Resp: 361863
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 157.3 0.0 348.6

