

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032222\
 Data File : VD072358.D
 Acq On : 22 Mar 2022 12:17
 Operator : VA/SY
 Sample : N1949-05
 Misc : 5.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-BH1-031422-5-6

Quant Time: Mar 23 01:11:37 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	357269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	611406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	671947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	335579	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	181161	45.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.000%
35) Dibromofluoromethane	7.914	113	193628	45.003	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.000%
50) Toluene-d8	10.332	98	775081	49.267	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.540%
62) 4-Bromofluorobenzene	12.626	95	340963	55.778	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.560%

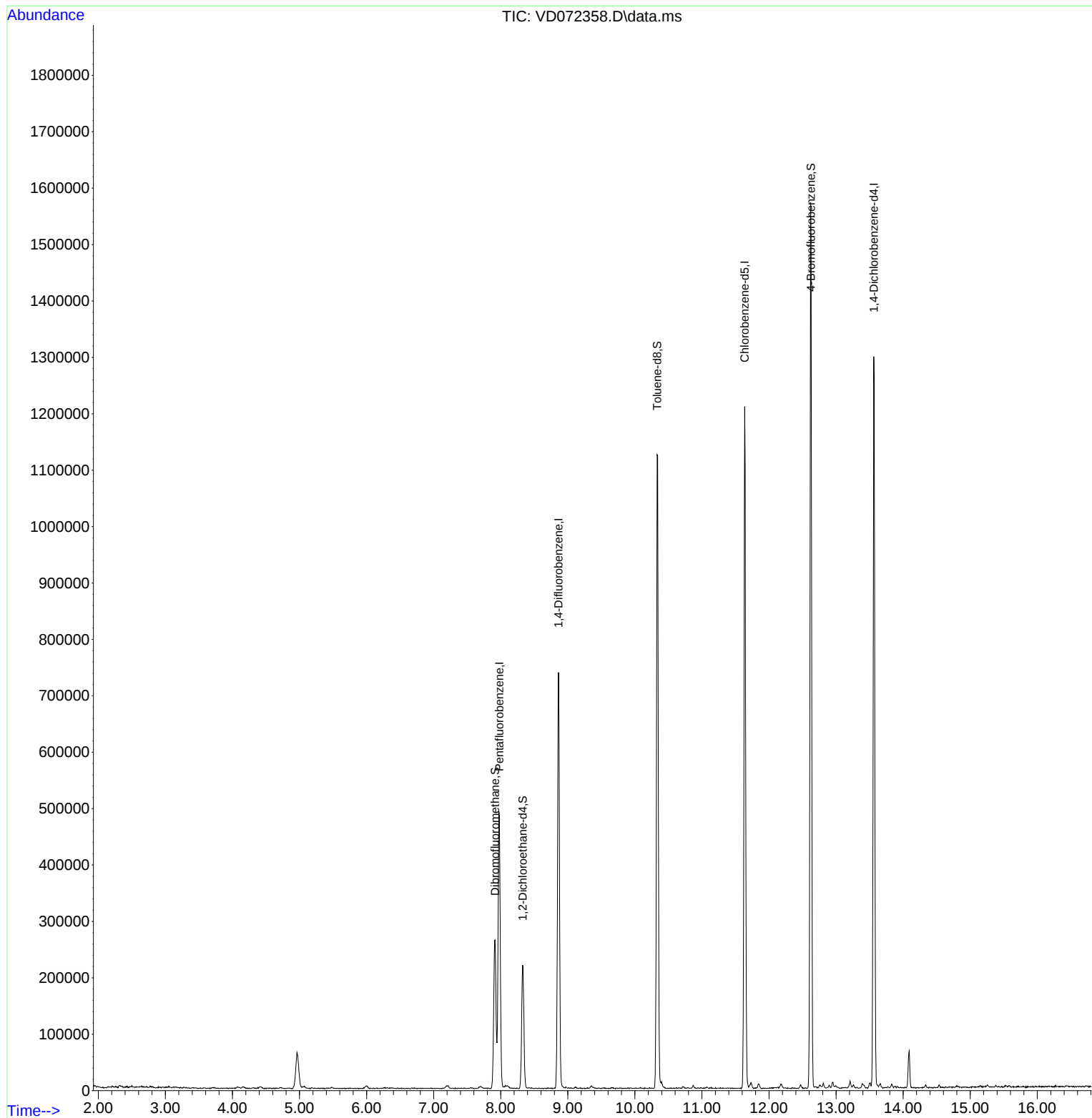
Target Compounds	Qvalue

(#) = 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: VD072358.D

Acq: 22 Mar 2022 12:17

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MSVOA_D

ClientSampleId :

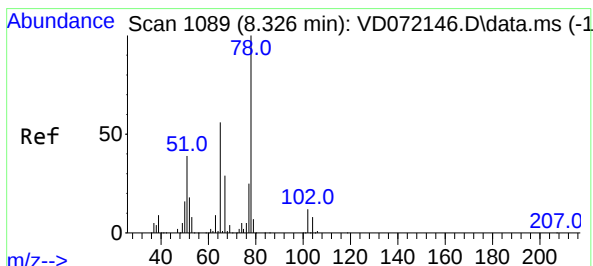
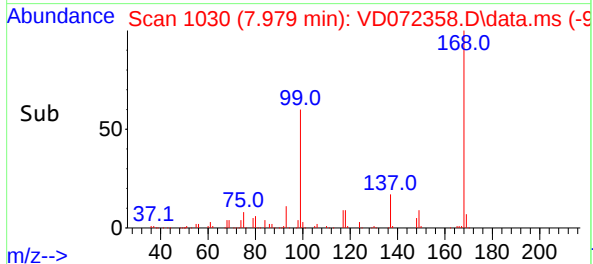
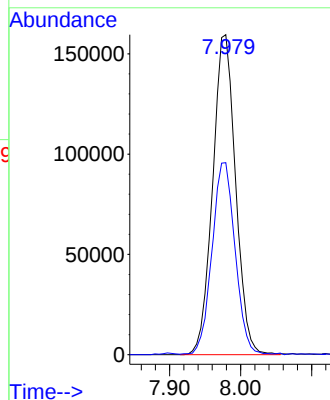
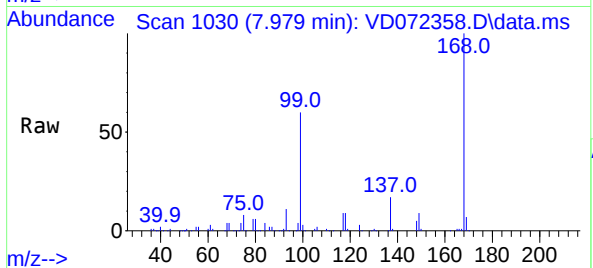
CP-BH1-031422-5-6

Tgt Ion:168 Resp: 357269

Ion Ratio Lower Upper

168 100

99 59.9 49.8 74.6



1,2-Dichloroethane-d4

Concen: 45.500 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072358.D

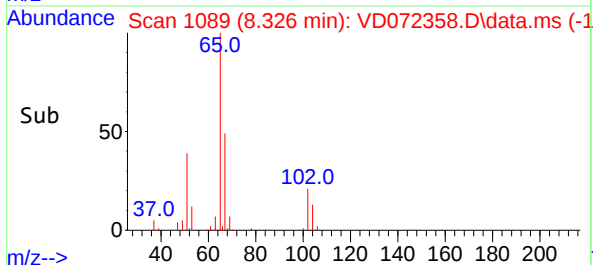
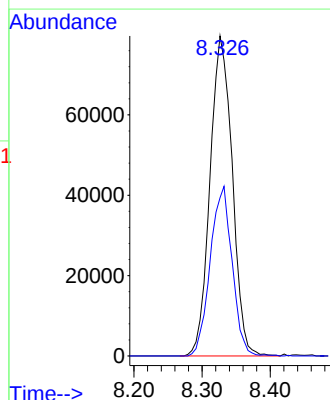
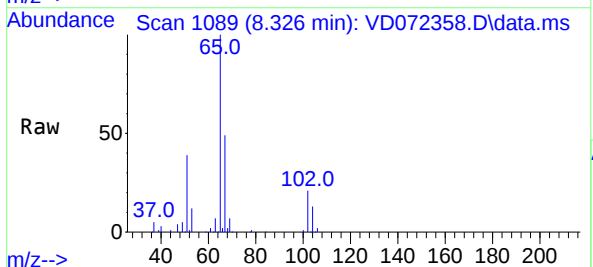
Acq: 22 Mar 2022 12:17

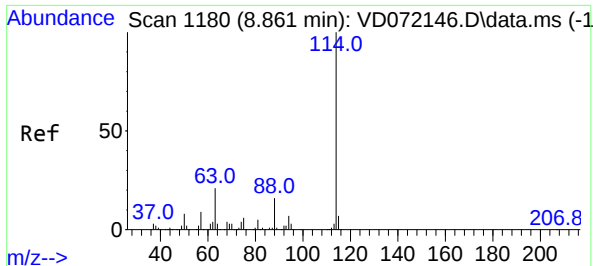
Tgt Ion: 65 Resp: 181161

Ion Ratio Lower Upper

65 100

67 52.1 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: VD072358.D

Acq: 22 Mar 2022 12:17

Instrument :

MSVOA_D

ClientSampleId :

CP-BH1-031422-5-6

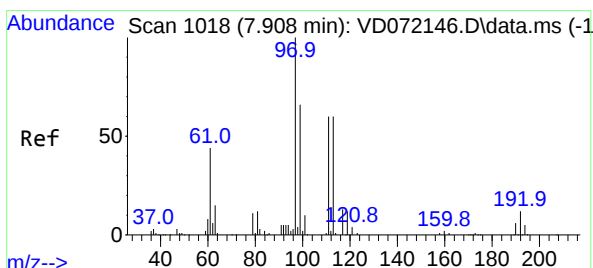
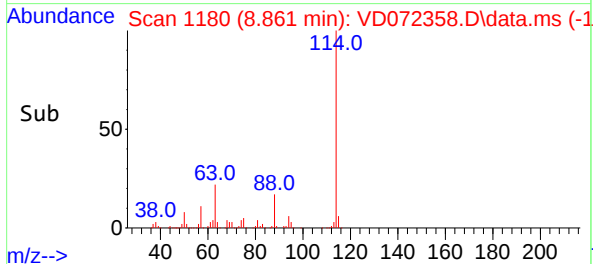
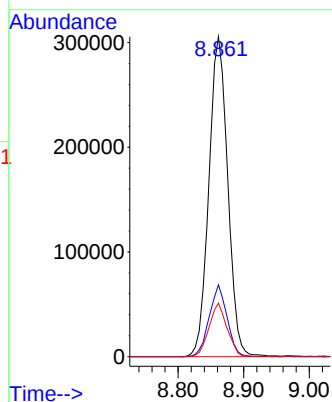
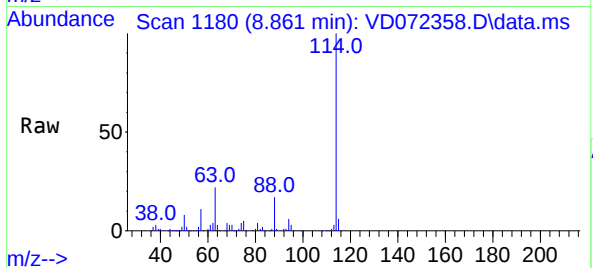
Tgt Ion:114 Resp: 611406

Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.6

88 16.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 45.003 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072358.D

Acq: 22 Mar 2022 12:17

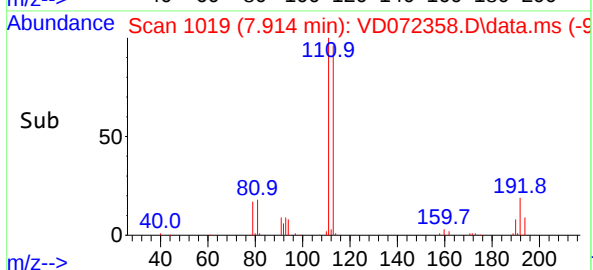
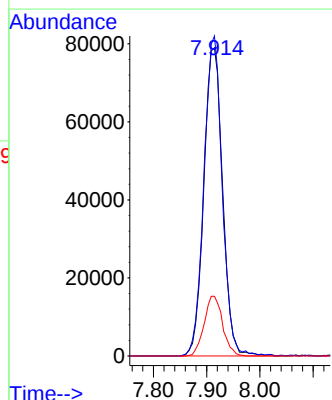
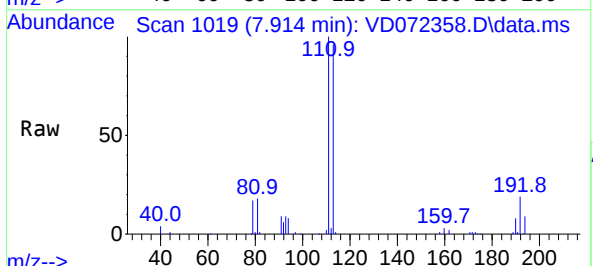
Tgt Ion:113 Resp: 193628

Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

192 19.0 14.6 21.8

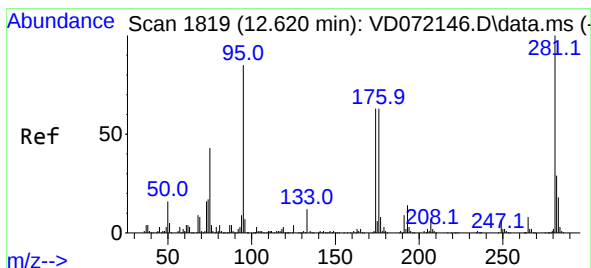
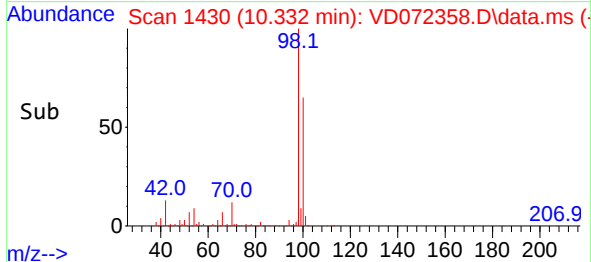
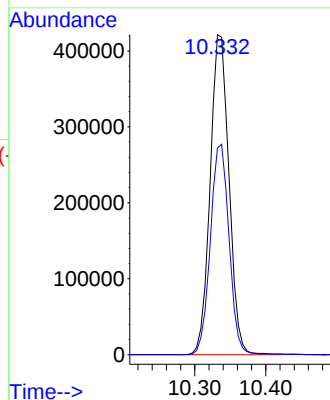
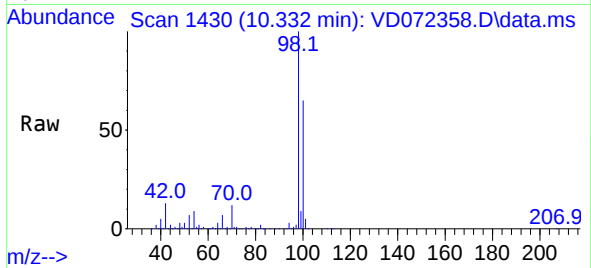




#50
Toluene-d8
Concen: 49.267 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

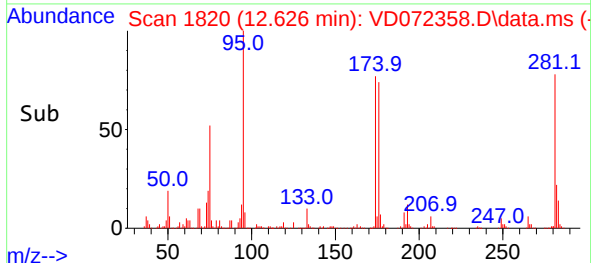
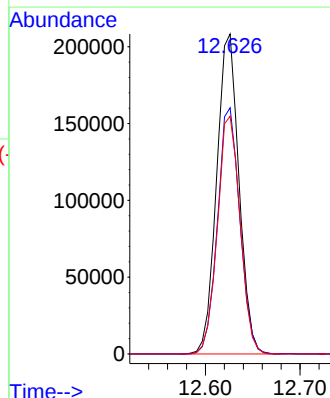
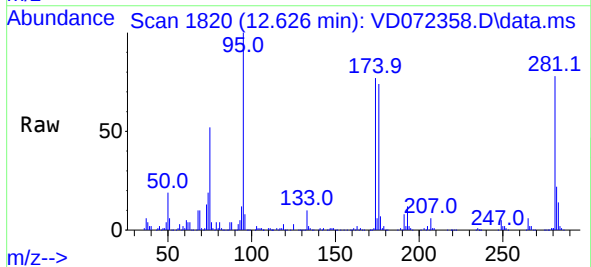
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Tgt Ion: 98 Resp: 775081
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.778 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

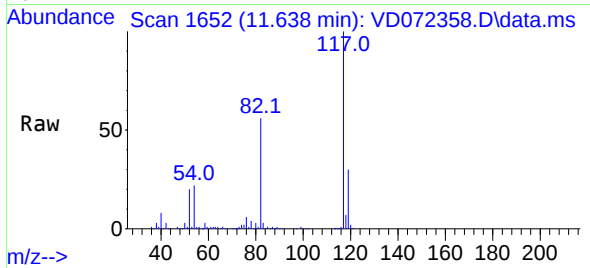
Tgt Ion: 95 Resp: 340963
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 75.2 0.0 145.4



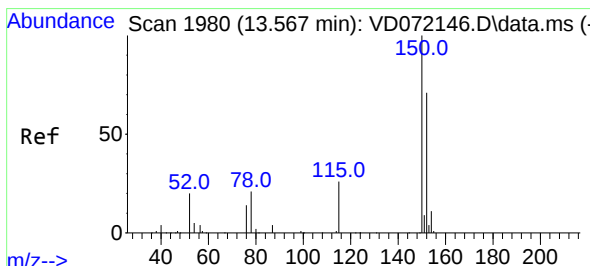
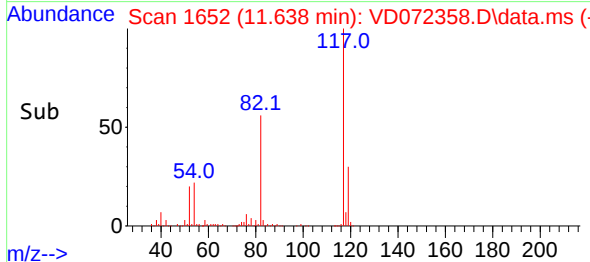
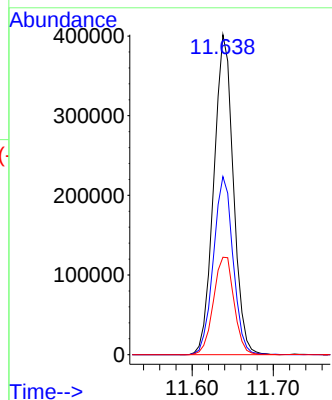


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6



Tgt Ion:117 Resp: 671947
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 30.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072358.D
Acq: 22 Mar 2022 12:17

Tgt Ion:152 Resp: 335579
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 157.6 0.0 348.6

