

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072962.D
 Acq On : 12 May 2022 22:11
 Operator : VA/SY
 Sample : N2817-04
 Misc : 4.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS020-0006-01

Quant Time: May 13 05:59:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	315751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	573282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	576780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	258645	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	178021	43.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.860%
35) Dibromofluoromethane	7.908	113	188857	46.907	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.820%
50) Toluene-d8	10.332	98	698899	48.392	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.620	95	261604	48.578	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.160%

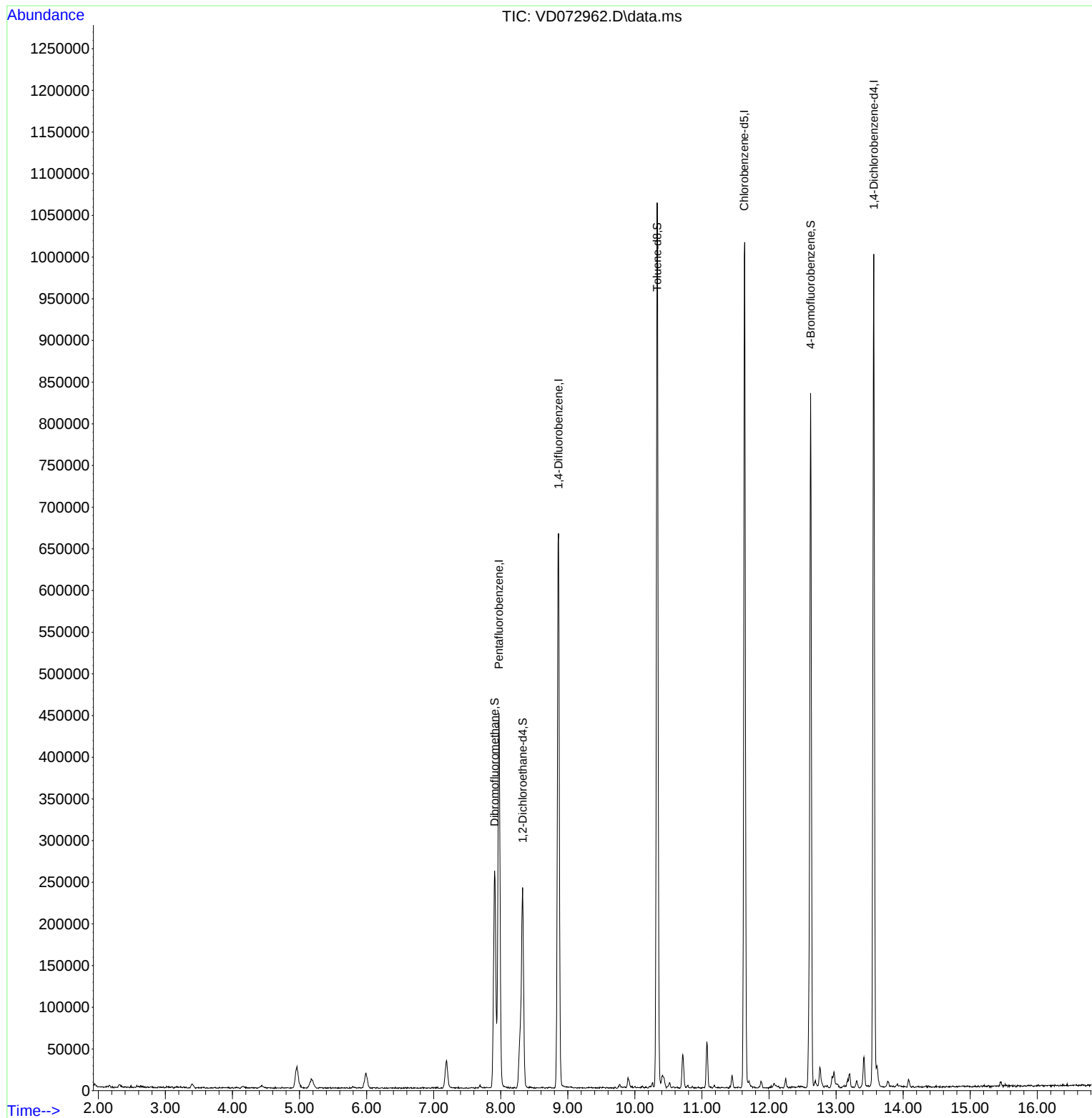
Target Compounds	Qvalue

(#) = 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. -0.006 min

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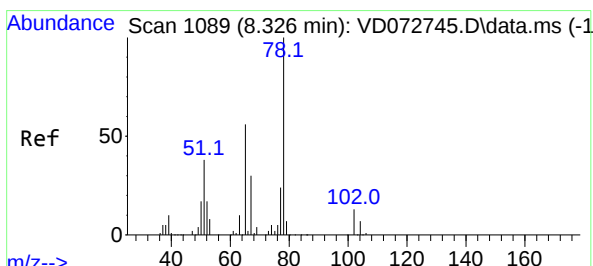
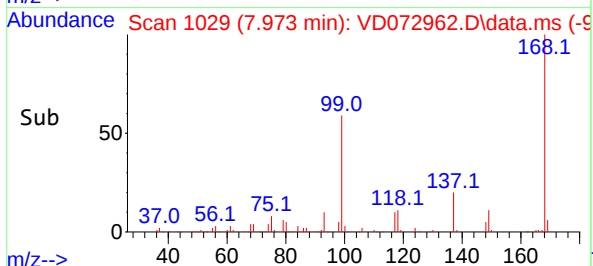
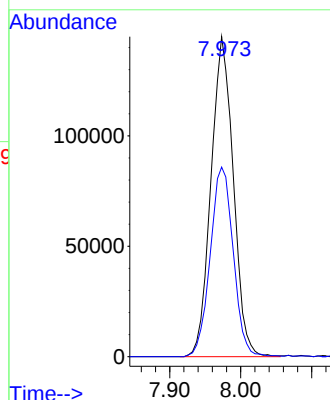
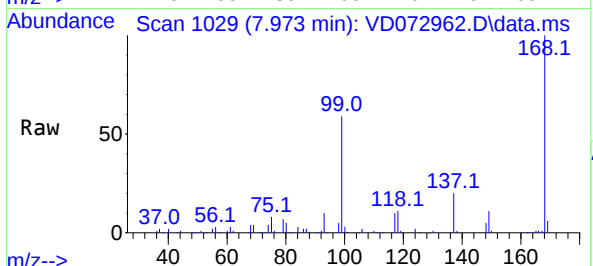
P007-SS020-0006-01

Tgt Ion:168 Resp: 315751

Ion Ratio Lower Upper

168 100

99 59.3 49.8 74.6



1,2-Dichloroethane-d4

Concen: 43.434 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072962.D

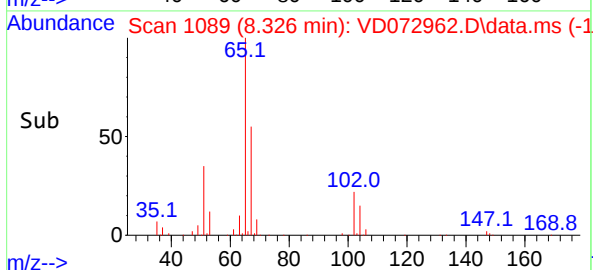
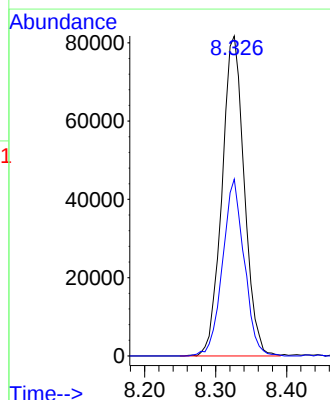
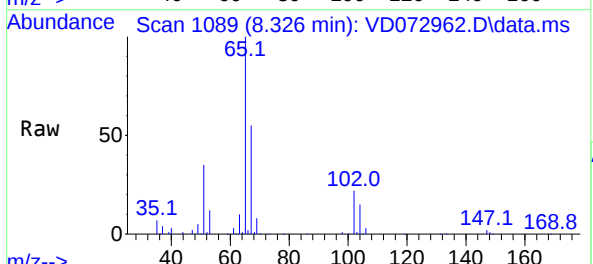
Acq: 12 May 2022 22:11

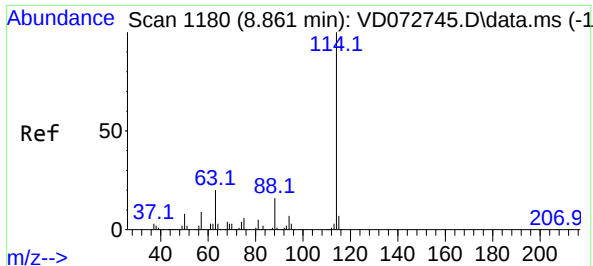
Tgt Ion: 65 Resp: 178021

Ion Ratio Lower Upper

65 100

67 53.7 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: VD072962.D

Acq: 12 May 2022 22:11

Instrument :

MSVOA_D

ClientSampleId :

P007-SS020-0006-01

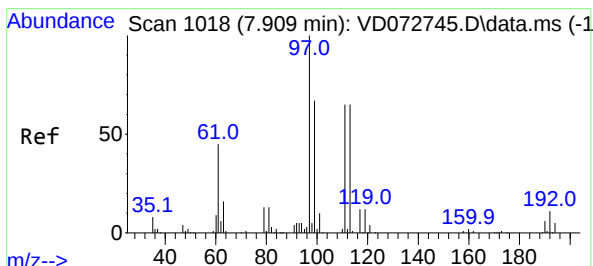
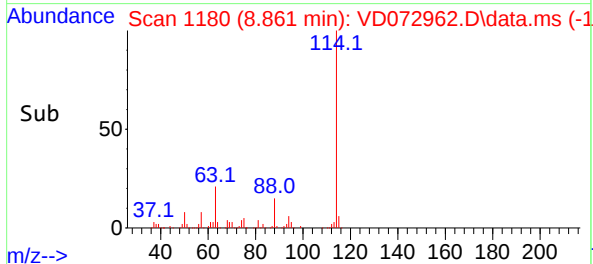
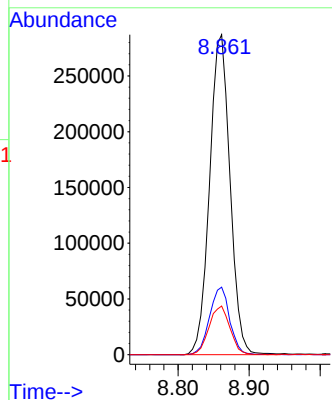
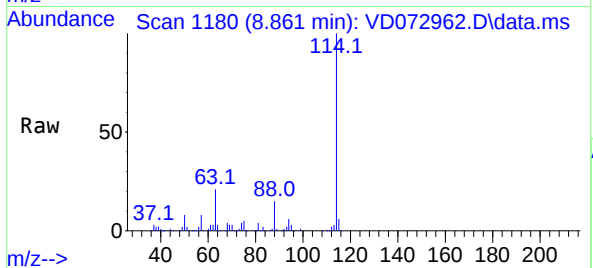
Tgt Ion:114 Resp: 573282

Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 15.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.907 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072962.D

Acq: 12 May 2022 22:11

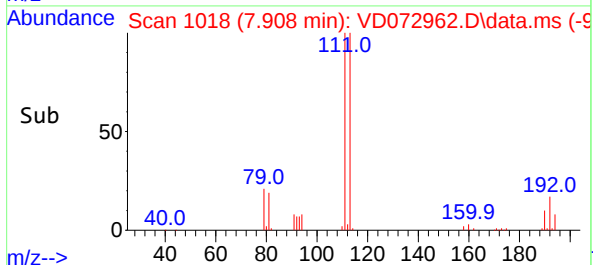
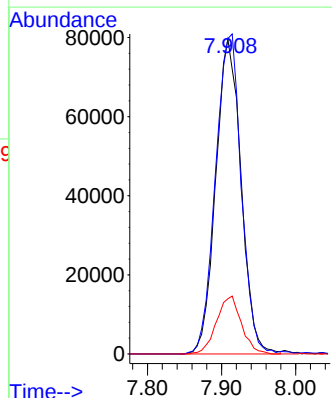
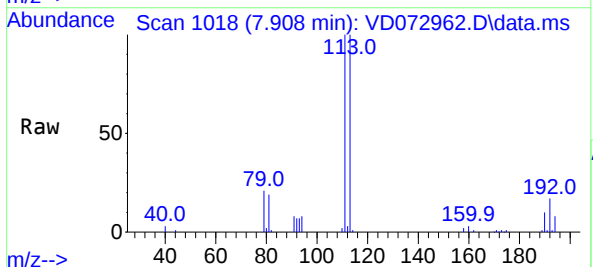
Tgt Ion:113 Resp: 188857

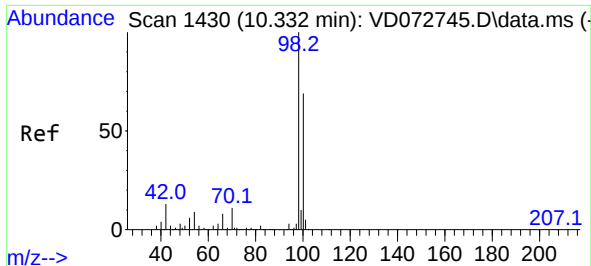
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 18.1 14.6 21.8

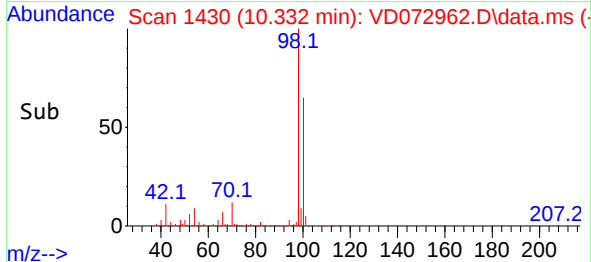
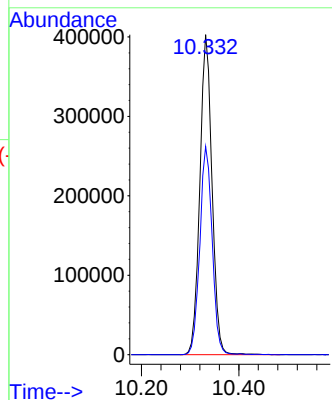
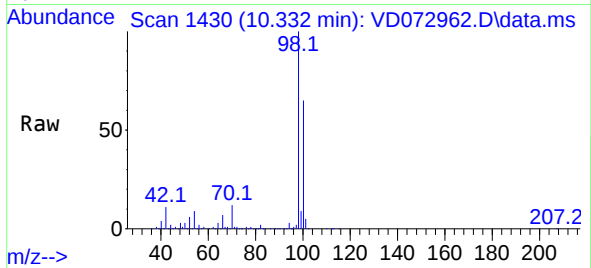




#50
Toluene-d8
Concen: 48.392 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072962.D
Acq: 12 May 2022 22:11

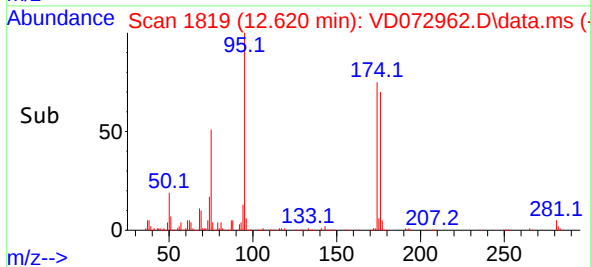
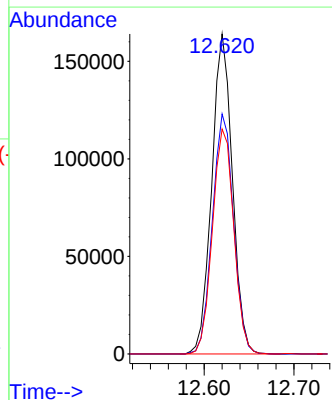
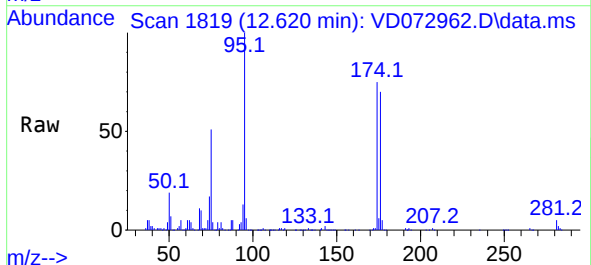
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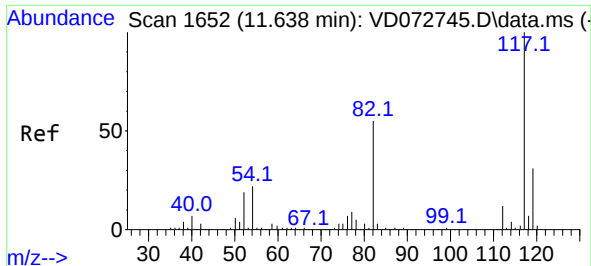
Tgt Ion: 98 Resp: 698899
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.578 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072962.D
Acq: 12 May 2022 22:11

Tgt Ion: 95 Resp: 261604
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 72.9 0.0 145.4

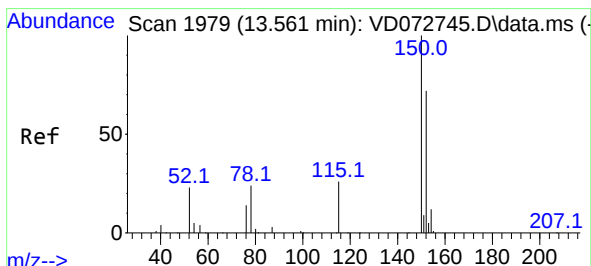
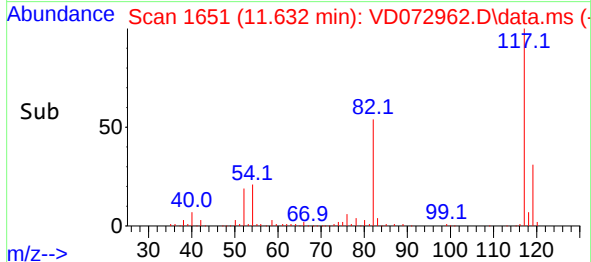
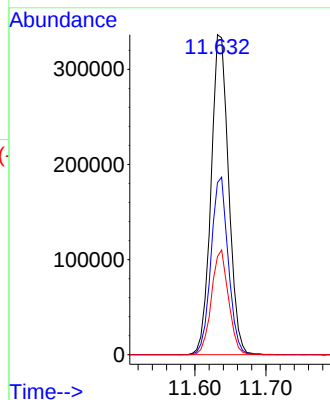
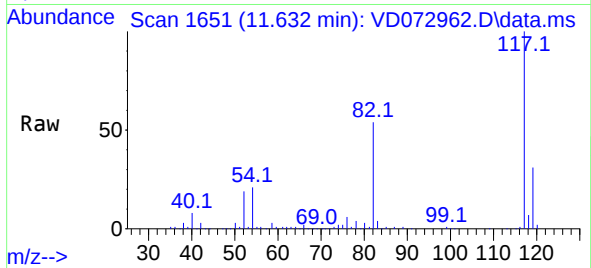




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD072962.D
Acq: 12 May 2022 22:11

Instrument :
MSVOA_D
ClientSampleId :
P007-SS020-0006-01

Tgt Ion:117 Resp: 576780
Ion Ratio Lower Upper
117 100
82 53.8 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: VD072962.D
Acq: 12 May 2022 22:11

Tgt Ion:152 Resp: 258645
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.8
150 159.8 0.0 348.6

