

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071922.D
 Acq On : 08 Feb 2022 17:15
 Operator : VA/SY
 Sample : N1423-02RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-21RE

Quant Time: Feb 09 04:00:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	15059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	26668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	30132	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	13153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	17015	89.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 178.780%#	
35) Dibromofluoromethane	7.914	113	8084	46.116	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.240%	
50) Toluene-d8	10.332	98	33996	51.928	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.860%	
62) 4-Bromofluorobenzene	12.626	95	13549	59.264	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.520%	

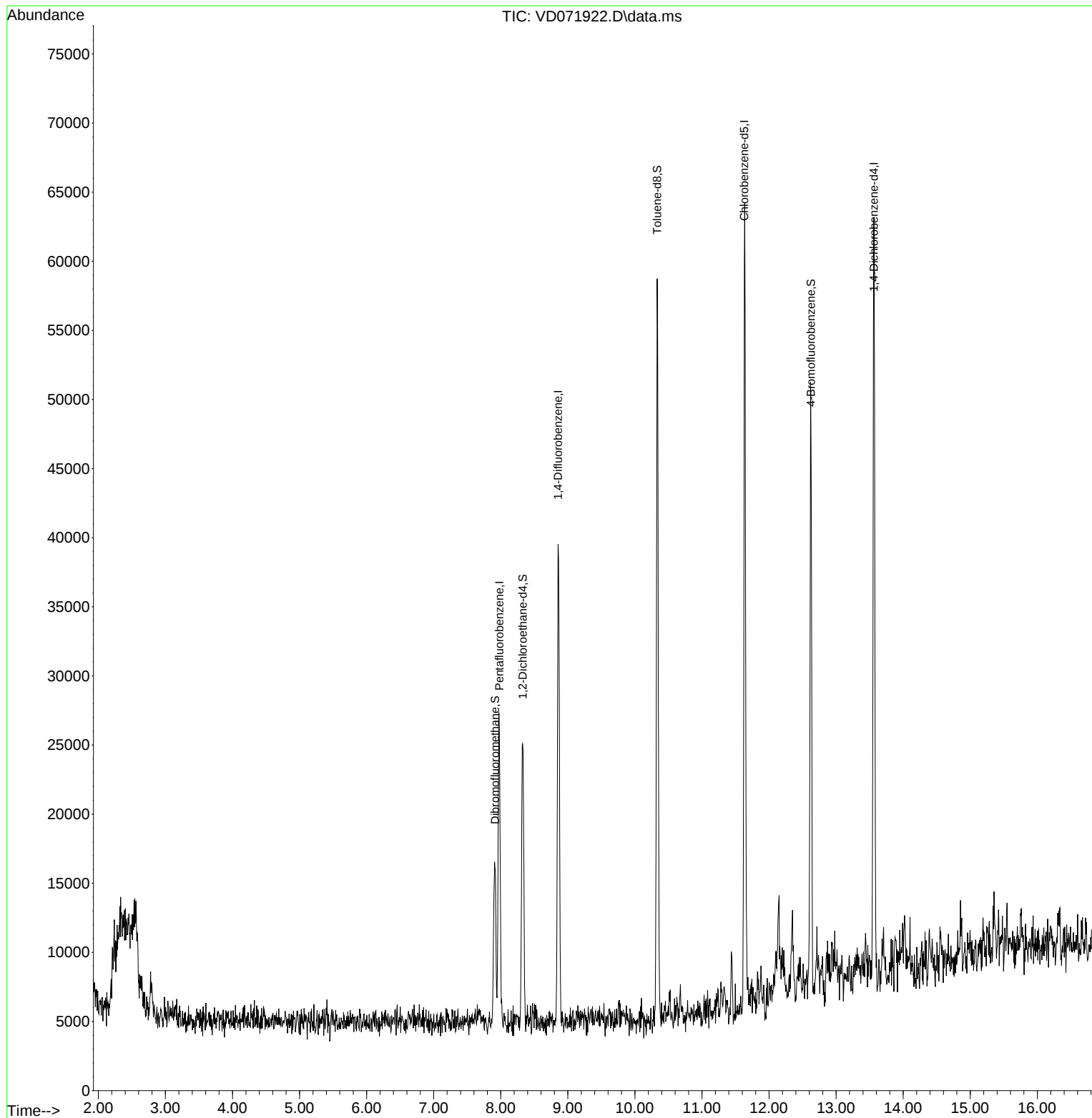
Target Compounds	Qvalue

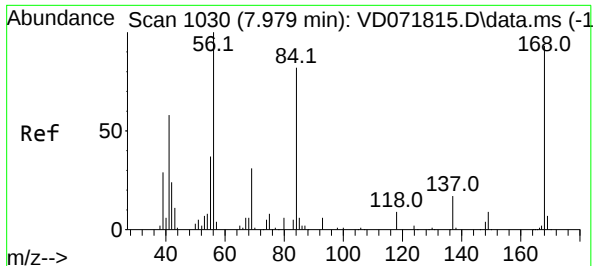
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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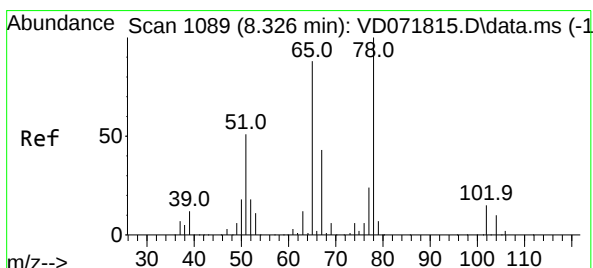
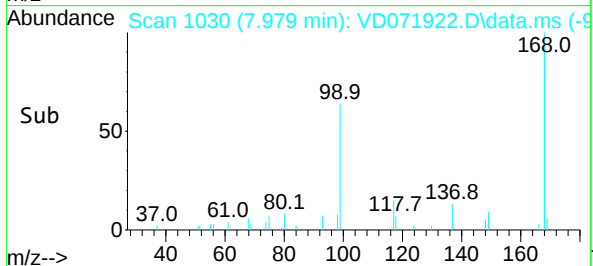
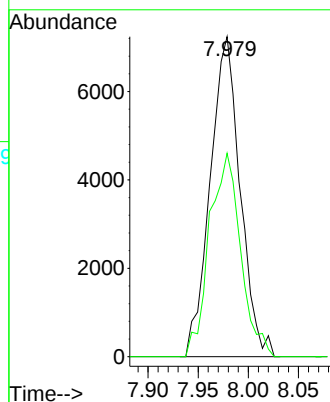
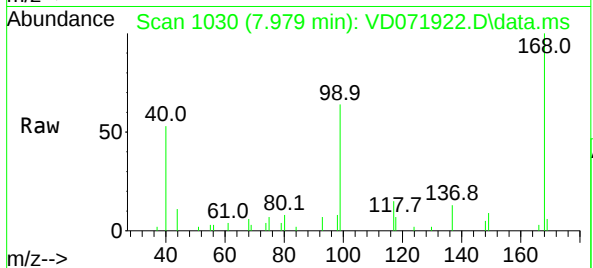




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071922.D
Acq: 08 Feb 2022 17:15

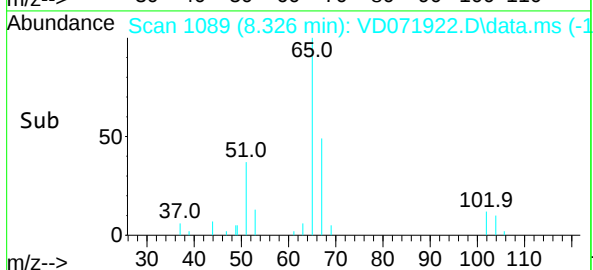
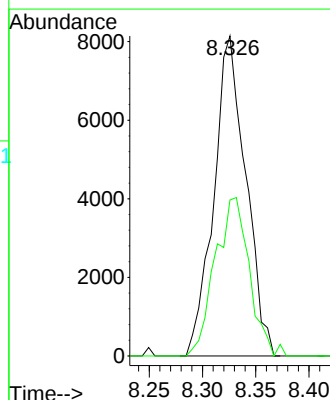
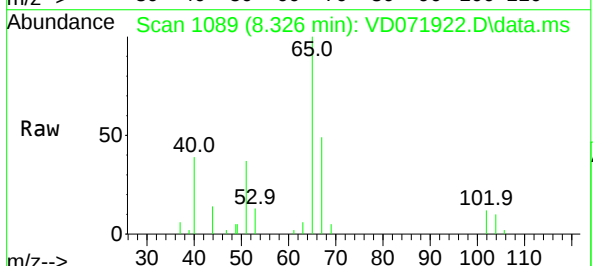
Instrument :
MSVOA_D
ClientSampleId :
TP-21RE

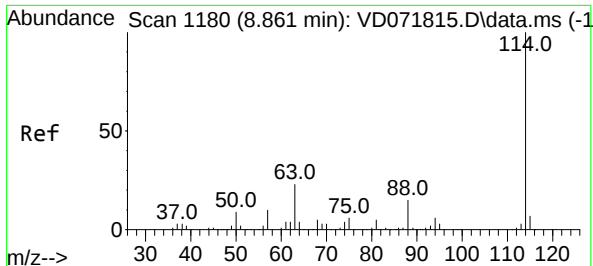
Tgt Ion:168 Resp: 15059
Ion Ratio Lower Upper
168 100
99 63.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 89.394 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071922.D
Acq: 08 Feb 2022 17:15

Tgt Ion: 65 Resp: 17015
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD071922.D

Acq: 08 Feb 2022 17:15

Instrument :

MSVOA_D

ClientSampleId :

TP-21RE

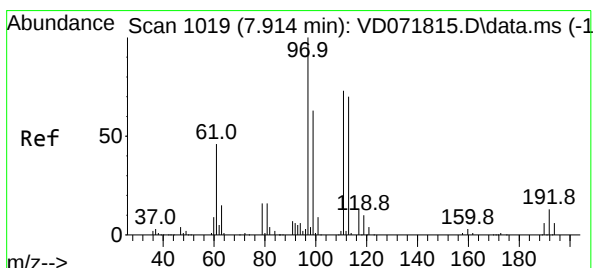
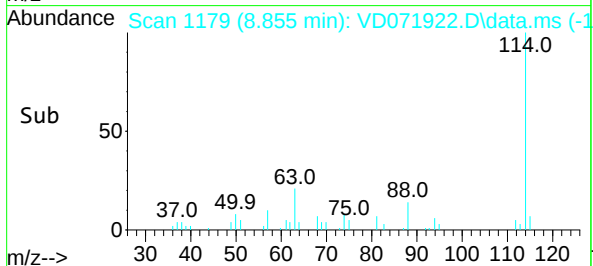
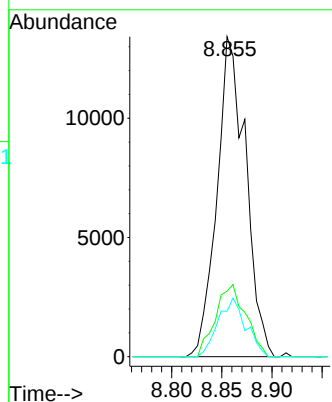
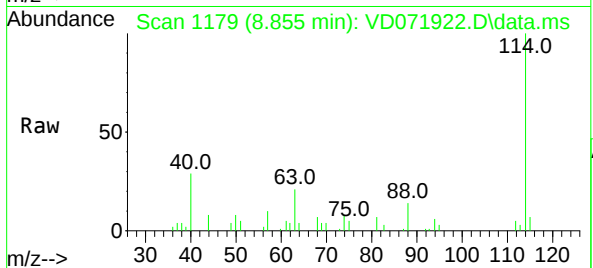
Tgt Ion:114 Resp: 26668

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 14.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.116 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071922.D

Acq: 08 Feb 2022 17:15

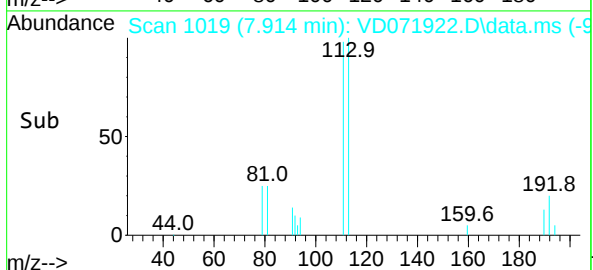
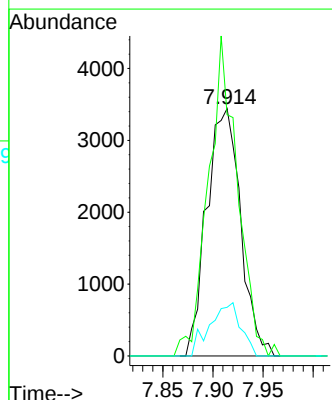
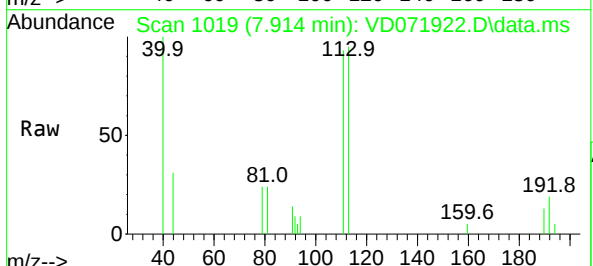
Tgt Ion:113 Resp: 8084

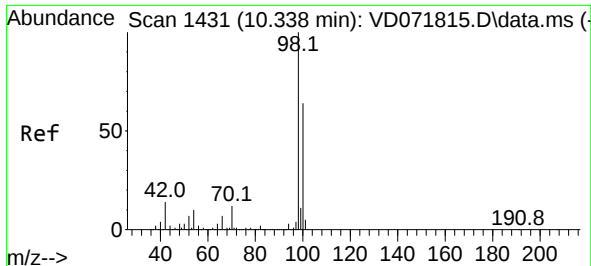
Ion Ratio Lower Upper

113 100

111 111.3 83.8 125.6

192 19.6 14.6 21.8

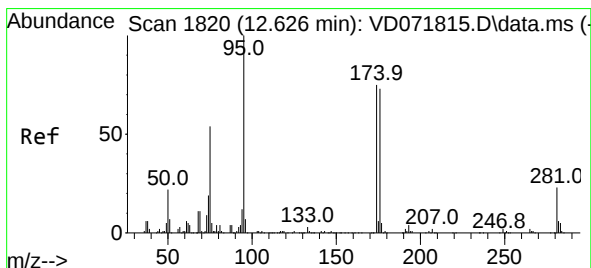
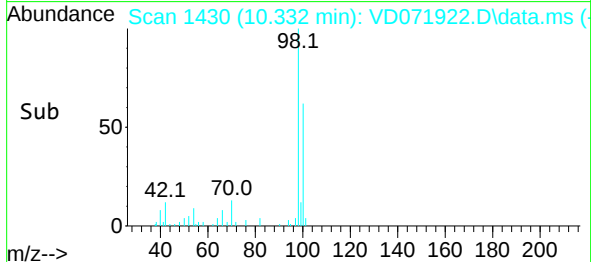
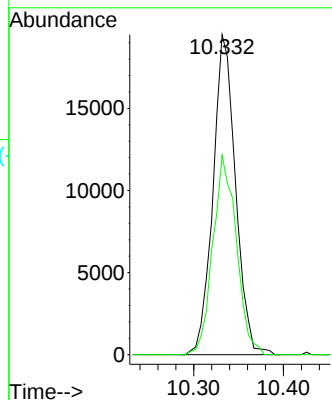
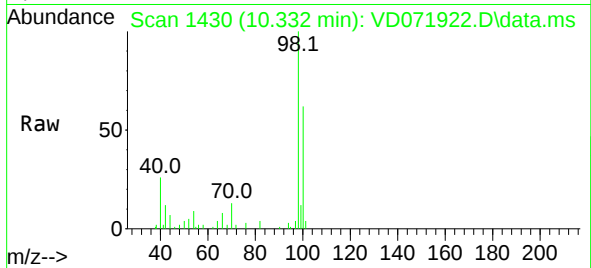




#50
Toluene-d8
Concen: 51.928 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071922.D
Acq: 08 Feb 2022 17:15

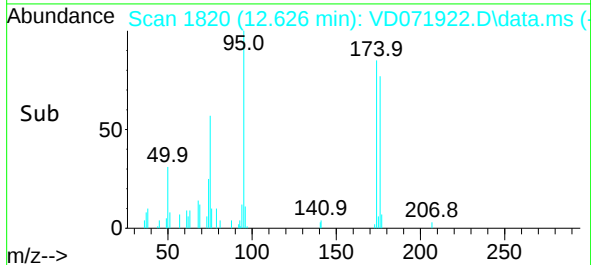
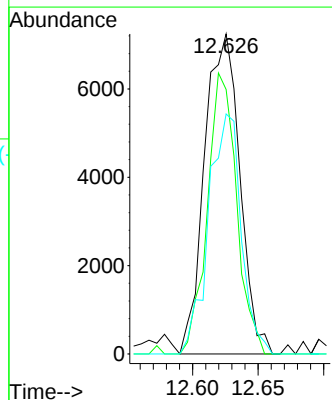
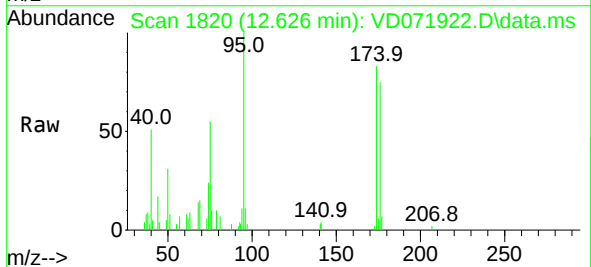
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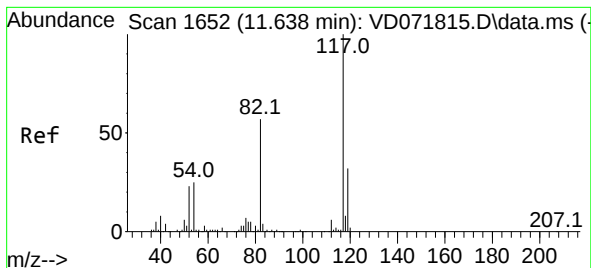
Tgt Ion: 98 Resp: 33996
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 59.264 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071922.D
Acq: 08 Feb 2022 17:15

Tgt Ion: 95 Resp: 13549
Ion Ratio Lower Upper
95 100
174 72.8 0.0 152.8
176 69.3 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD071922.D

Acq: 08 Feb 2022 17:15

Instrument :

MSVOA_D

ClientSampleId :

TP-21RE

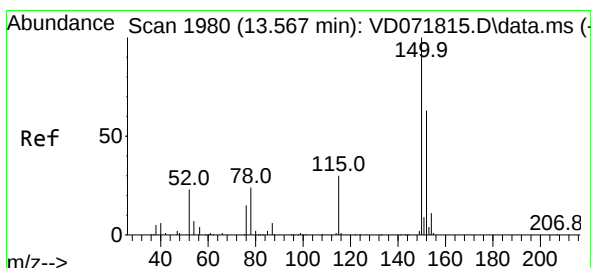
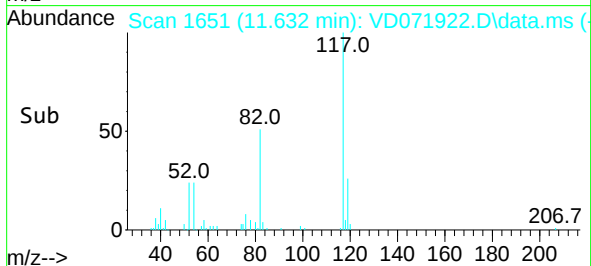
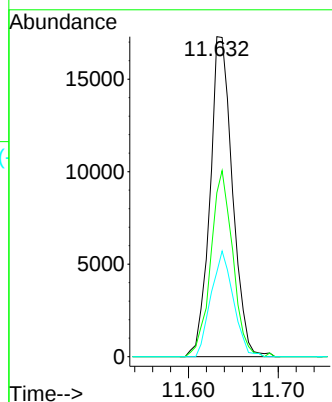
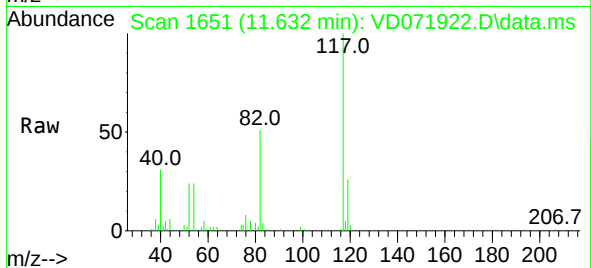
Tgt Ion:117 Resp: 30132

Ion Ratio Lower Upper

117 100

82 51.2 45.3 67.9

119 26.5 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: VD071922.D

Acq: 08 Feb 2022 17:15

Tgt Ion:152 Resp: 13153

Ion Ratio Lower Upper

152 100

115 70.3 31.3 93.8

150 168.4 0.0 348.6

