

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071923.D
 Acq On : 08 Feb 2022 17:43
 Operator : VA/SY
 Sample : N1423-06
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-23

Quant Time: Feb 09 04:01:19 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	7.973	168	475902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	894544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	863446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	396671	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	325946	54.187	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.380%
35) Dibromofluoromethane	7.914	113	296997	50.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.020%
50) Toluene-d8	10.332	98	1166962	53.140	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.280%
62) 4-Bromofluorobenzene	12.626	95	405775	52.913	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.820%

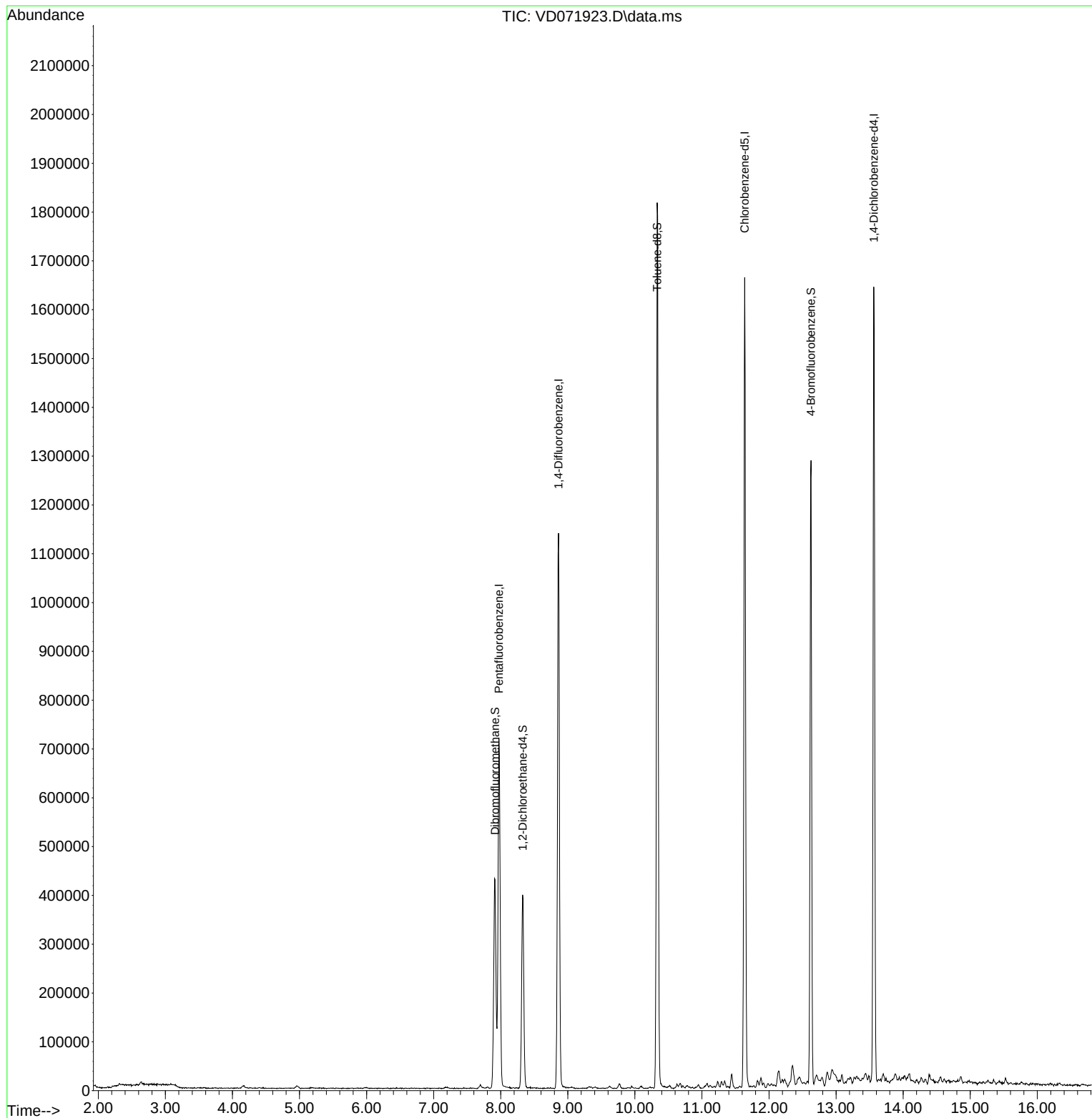
Target Compounds	Qvalue

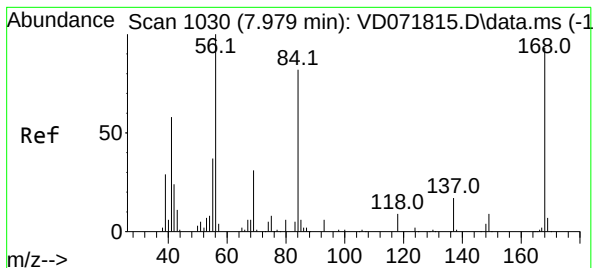
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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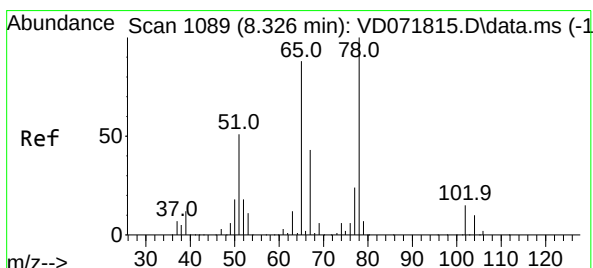
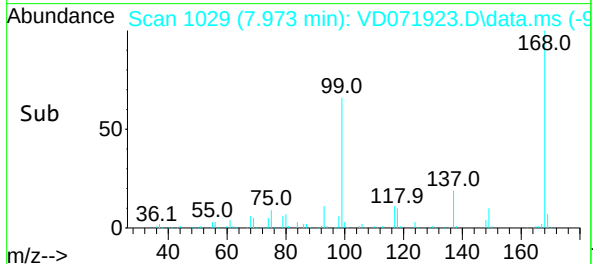
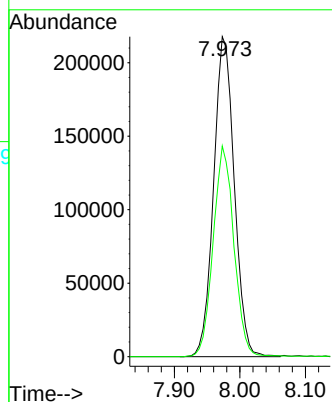
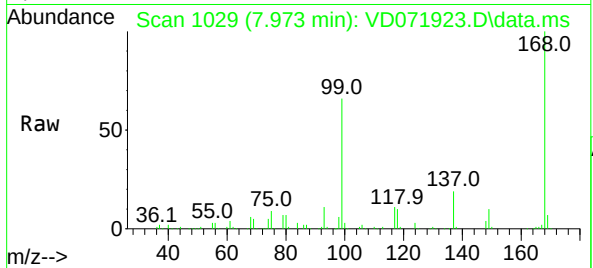




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD071923.D
Acq: 08 Feb 2022 17:43

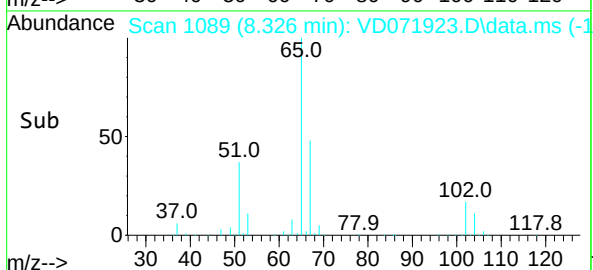
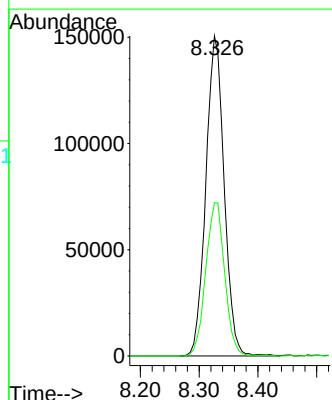
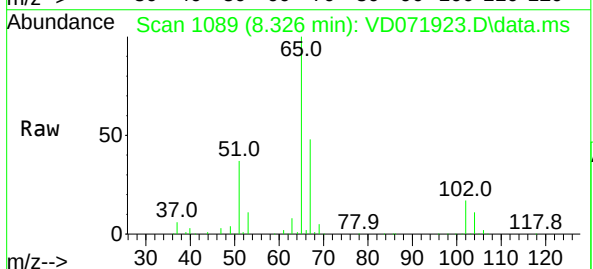
Instrument :
MSVOA_D
ClientSampleId :
TP-23

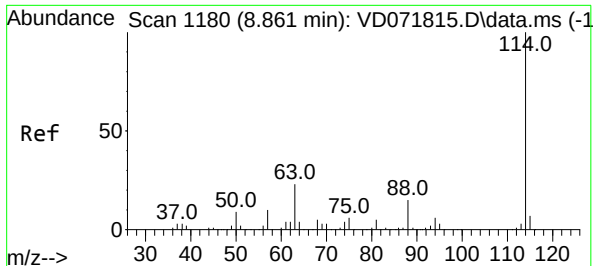
Tgt Ion:168 Resp: 475902
Ion Ratio Lower Upper
168 100
99 65.9 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 54.187 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071923.D
Acq: 08 Feb 2022 17:43

Tgt Ion: 65 Resp: 325946
Ion Ratio Lower Upper
65 100
67 49.6 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: VD071923.D

Acq: 08 Feb 2022 17:43

Instrument :

MSVOA_D

ClientSampleId :

TP-23

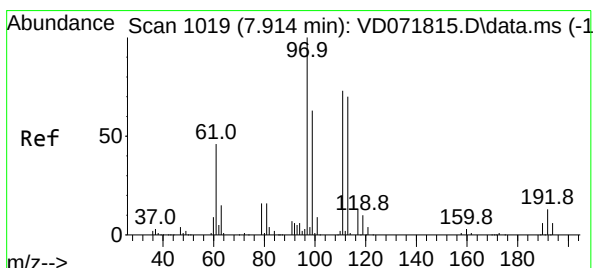
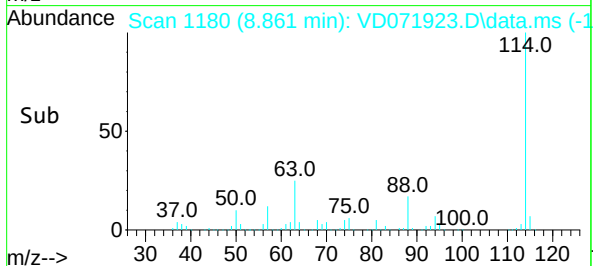
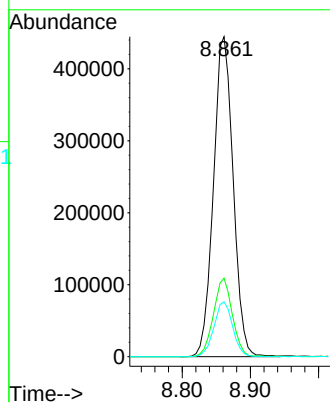
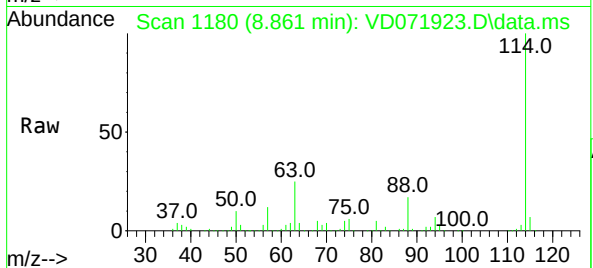
Tgt Ion:114 Resp: 894544

Ion Ratio Lower Upper

114 100

63 24.5 0.0 46.6

88 17.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.509 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071923.D

Acq: 08 Feb 2022 17:43

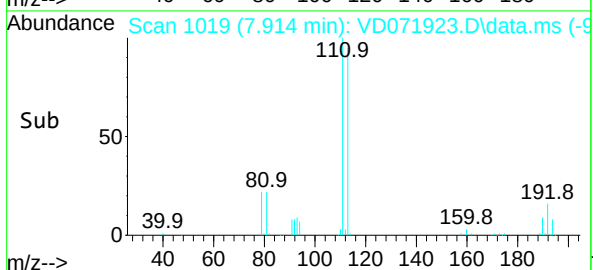
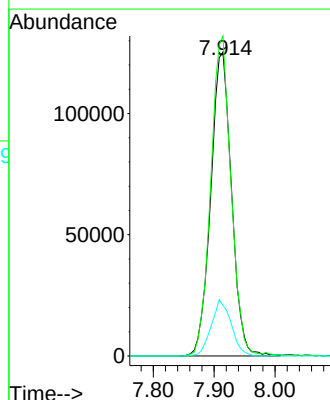
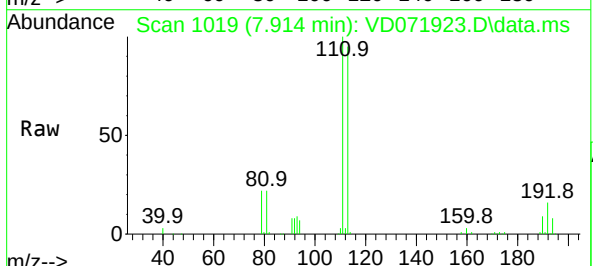
Tgt Ion:113 Resp: 296997

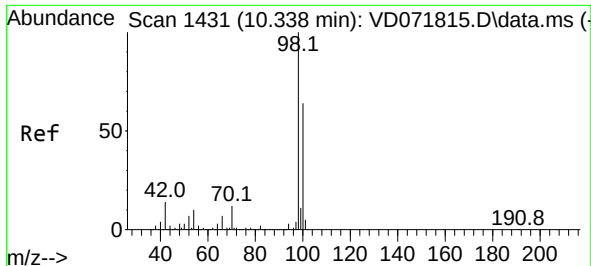
Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 17.7 14.6 21.8

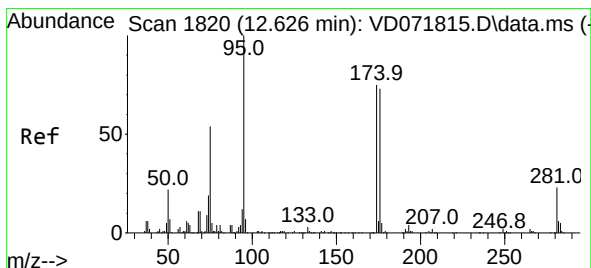
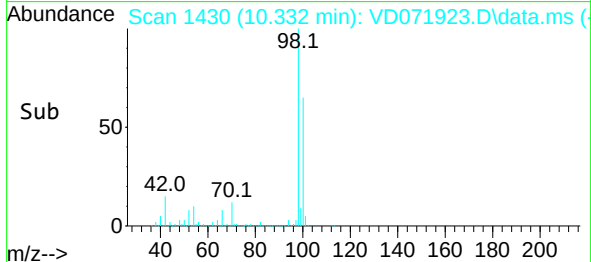
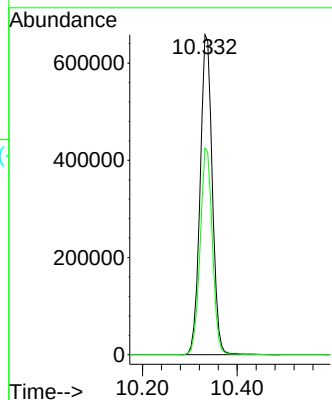
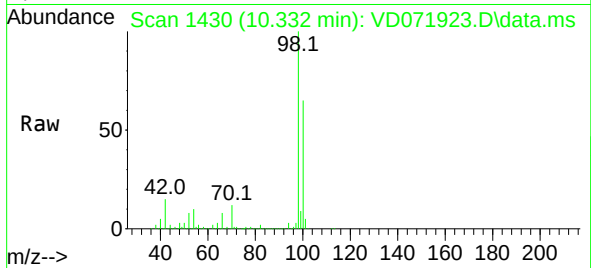




#50
Toluene-d8
Concen: 53.140 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071923.D
Acq: 08 Feb 2022 17:43

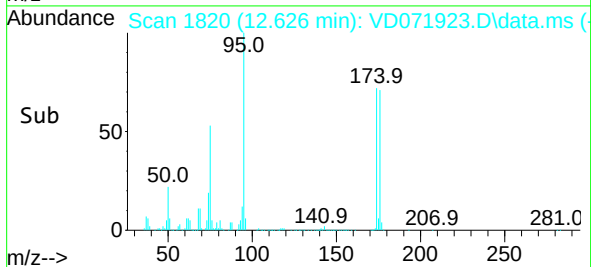
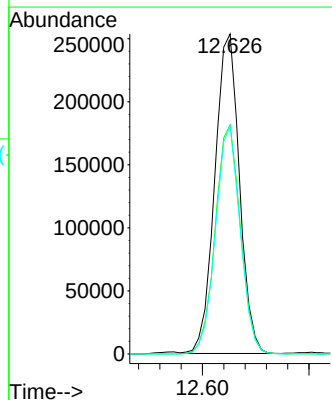
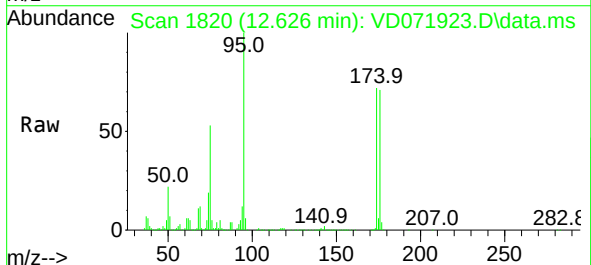
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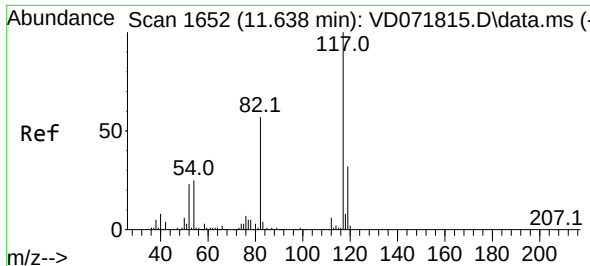
Tgt Ion: 98 Resp: 1166962
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.913 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071923.D
Acq: 08 Feb 2022 17:43

Tgt Ion: 95 Resp: 405775
Ion Ratio Lower Upper
95 100
174 73.3 0.0 152.8
176 71.2 0.0 145.4

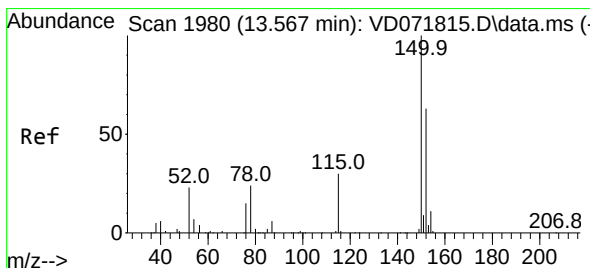
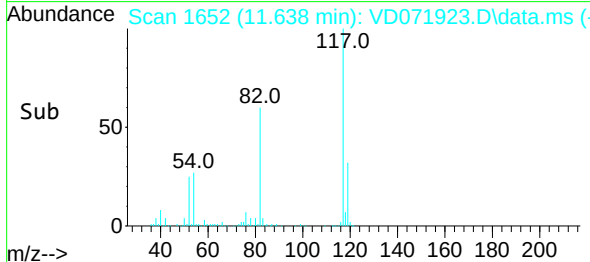
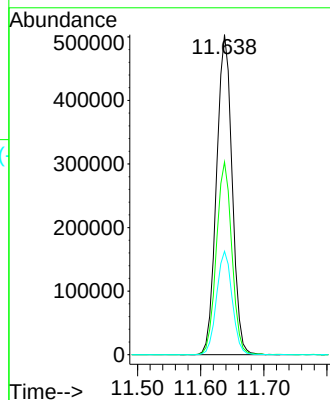
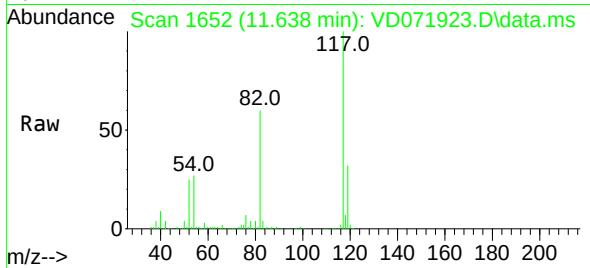




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071923.D
Acq: 08 Feb 2022 17:43

Instrument :
MSVOA_D
ClientSampleId :
TP-23

Tgt Ion:117 Resp: 863446
Ion Ratio Lower Upper
117 100
82 60.1 45.3 67.9
119 32.3 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: VD071923.D
Acq: 08 Feb 2022 17:43

Tgt Ion:152 Resp: 396671
Ion Ratio Lower Upper
152 100
115 61.9 31.3 93.8
150 156.9 0.0 348.6

