

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020322\
 Data File : VD071889.D
 Acq On : 03 Feb 2022 13:10
 Operator : VA/SY
 Sample : N1362-02
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-342

Quant Time: Feb 04 00:50:19 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	7.979	168	397614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	711269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	662470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	282748	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	260053	51.745	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.500%
35) Dibromofluoromethane	7.909	113	236945	50.679	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.360%
50) Toluene-d8	10.332	98	896170	51.324	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.640%
62) 4-Bromofluorobenzene	12.626	95	291228	47.761	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.520%

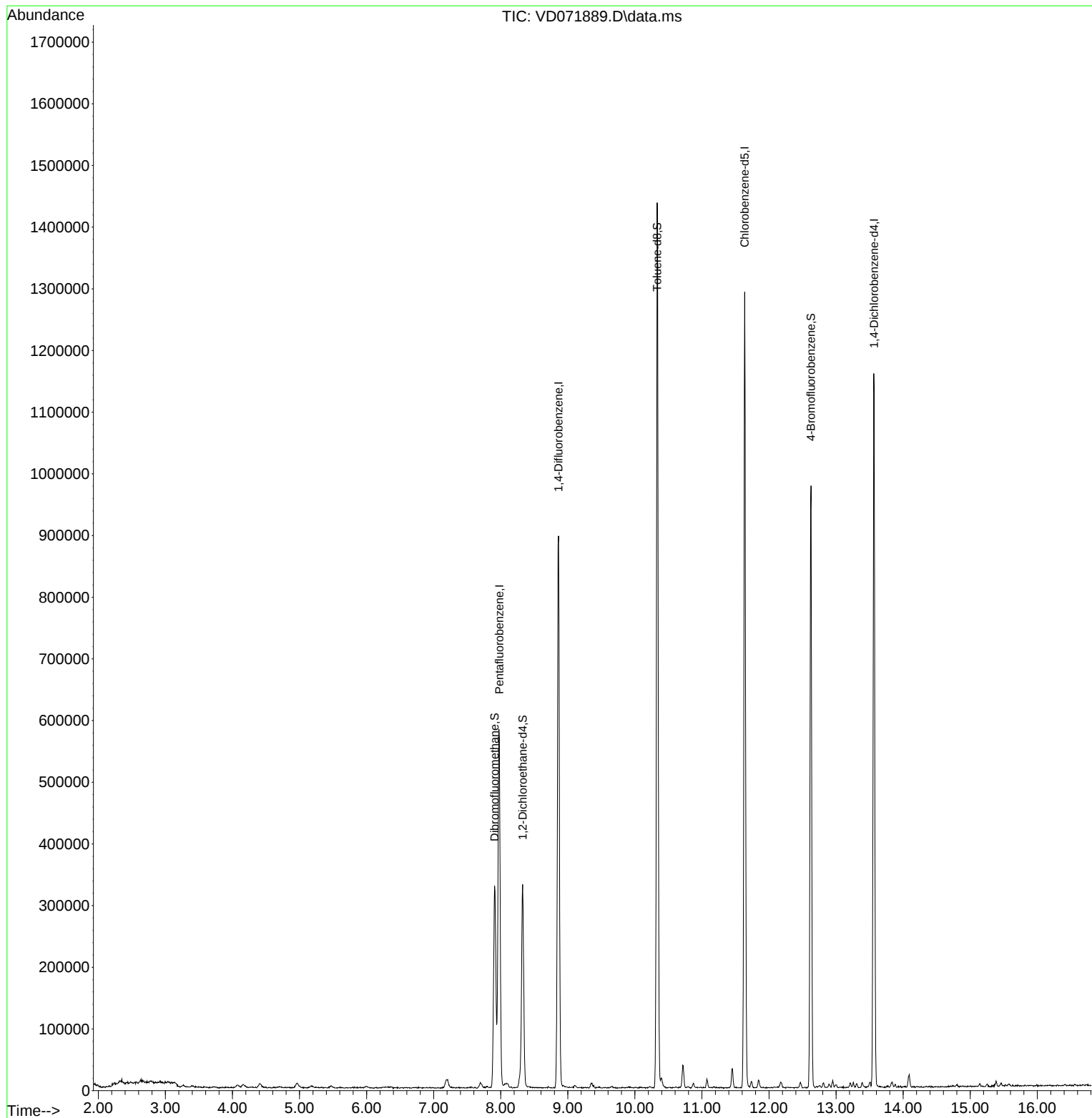
Target Compounds	Qvalue

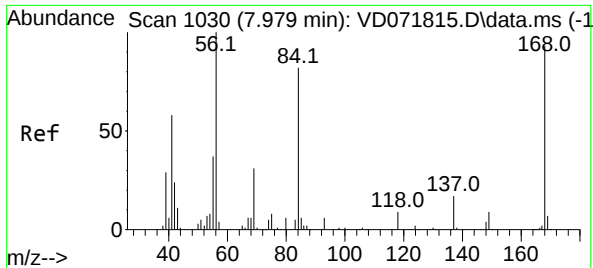
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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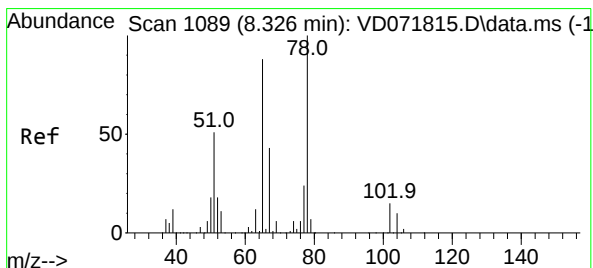
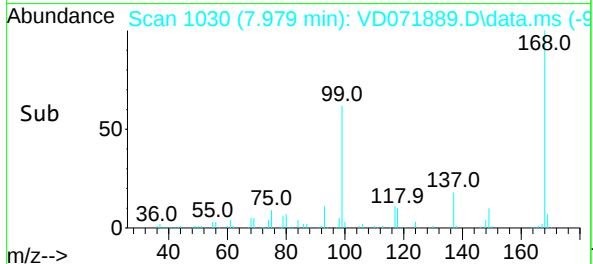
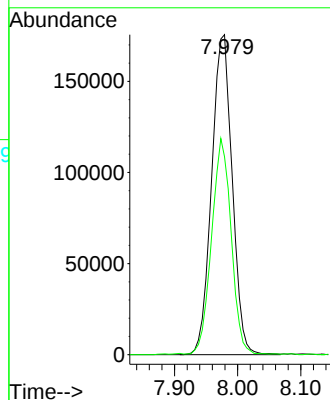
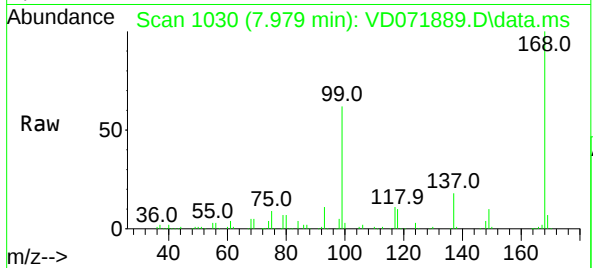




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071889.D
Acq: 03 Feb 2022 13:10

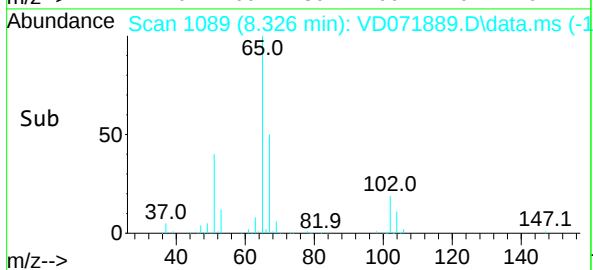
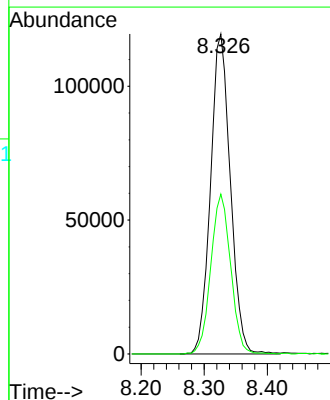
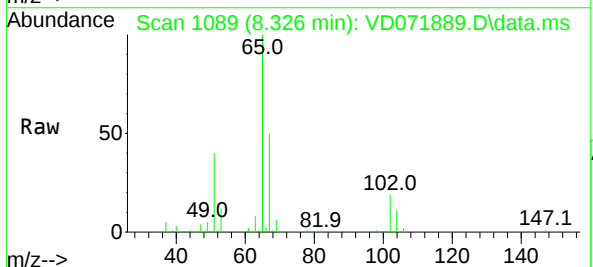
Instrument :
MSVOA_D
ClientSampleId :
RO-342

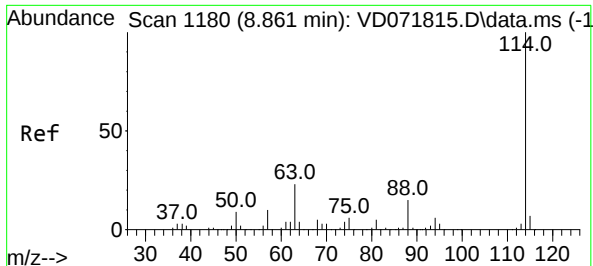
Tgt Ion:168 Resp: 397614
Ion Ratio Lower Upper
168 100
99 61.7 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 51.745 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071889.D
Acq: 03 Feb 2022 13:10

Tgt Ion: 65 Resp: 260053
Ion Ratio Lower Upper
65 100
67 50.1 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: VD071889.D

Acq: 03 Feb 2022 13:10

Instrument :

MSVOA_D

ClientSampleId :

RO-342

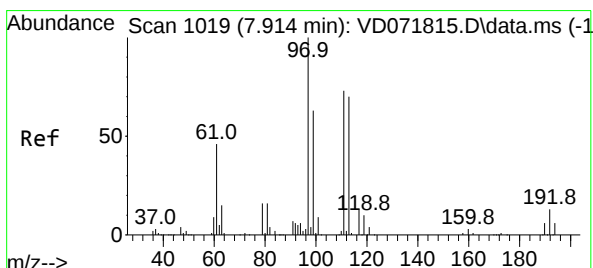
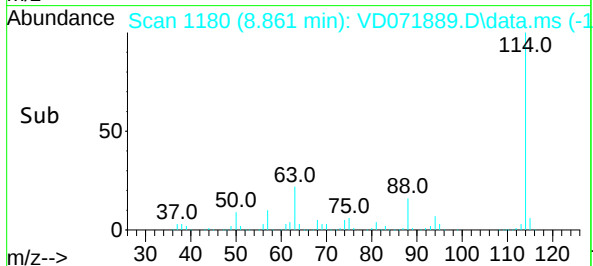
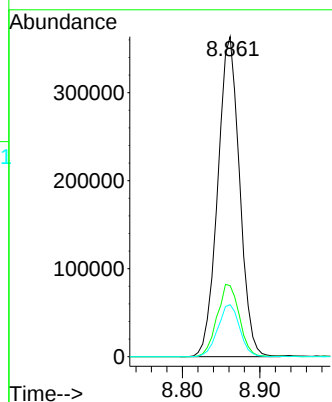
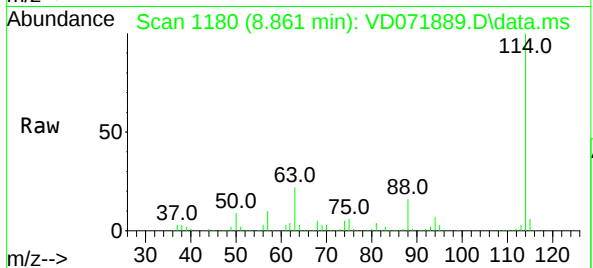
Tgt Ion:114 Resp: 711269

Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.6

88 16.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.679 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071889.D

Acq: 03 Feb 2022 13:10

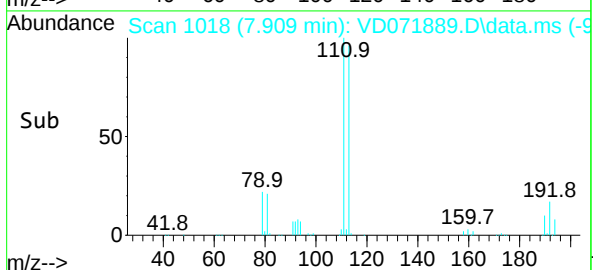
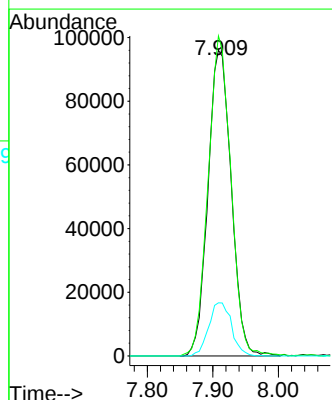
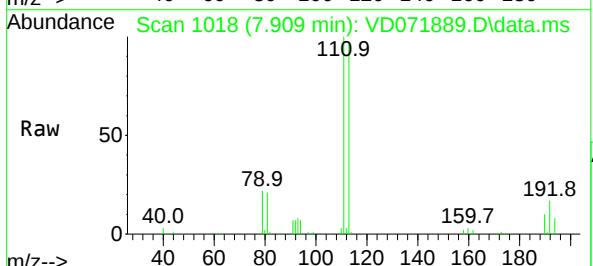
Tgt Ion:113 Resp: 236945

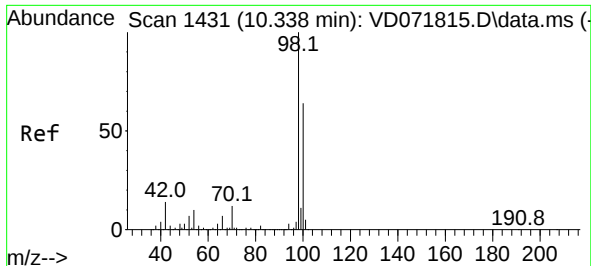
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 17.0 14.6 21.8

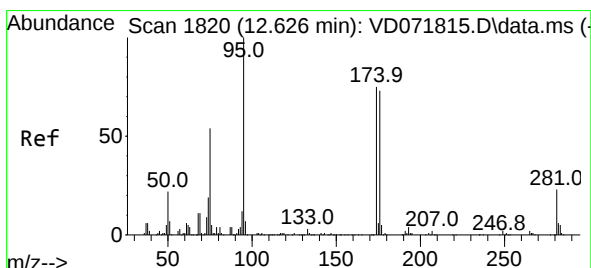
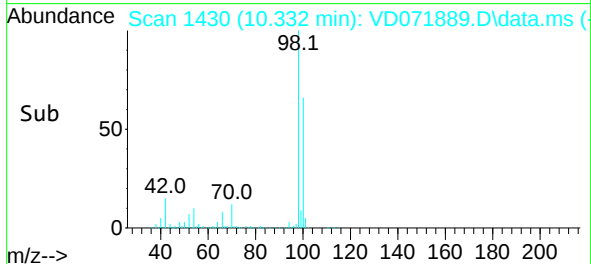
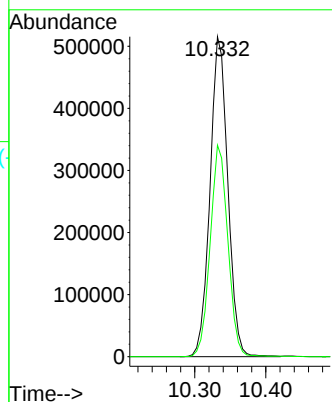
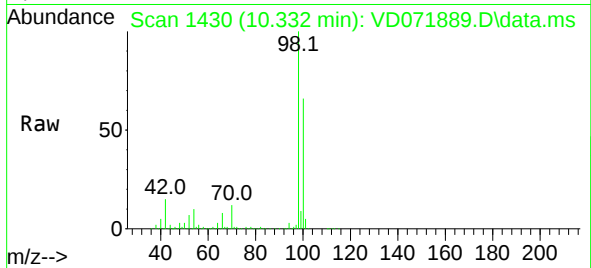




#50
Toluene-d8
Concen: 51.324 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071889.D
Acq: 03 Feb 2022 13:10

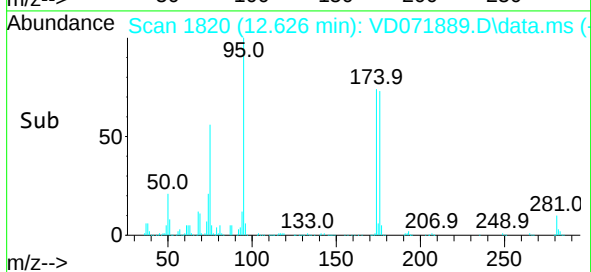
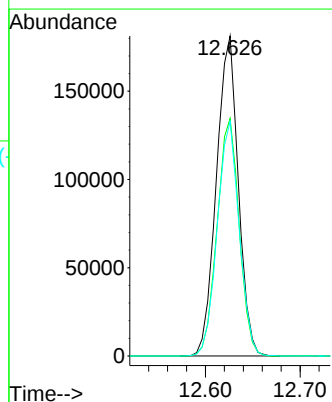
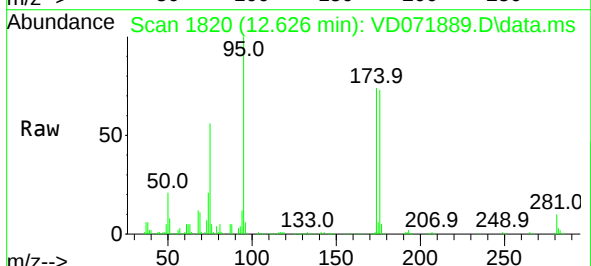
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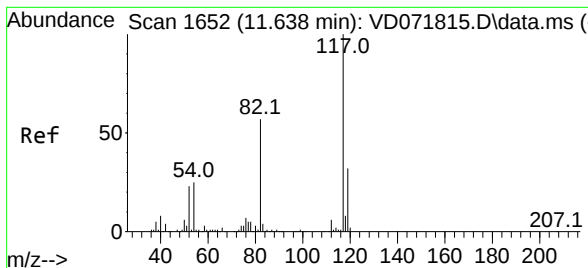
Tgt Ion: 98 Resp: 896170
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.761 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071889.D
Acq: 03 Feb 2022 13:10

Tgt Ion: 95 Resp: 291228
Ion Ratio Lower Upper
95 100
174 74.6 0.0 152.8
176 73.2 0.0 145.4

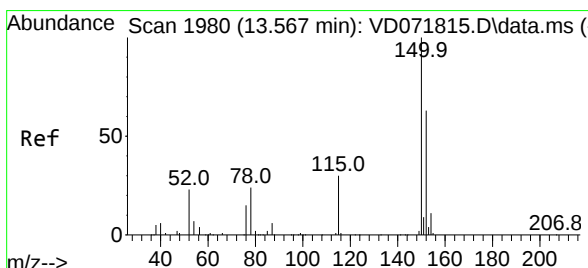
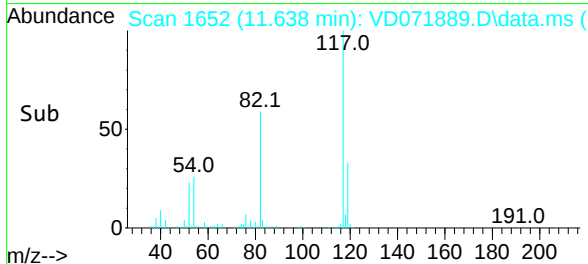
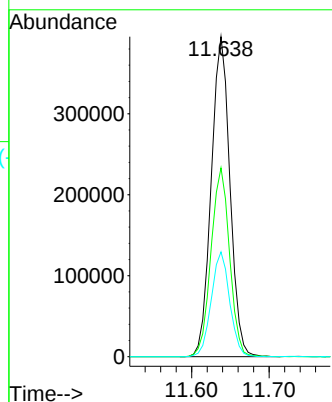
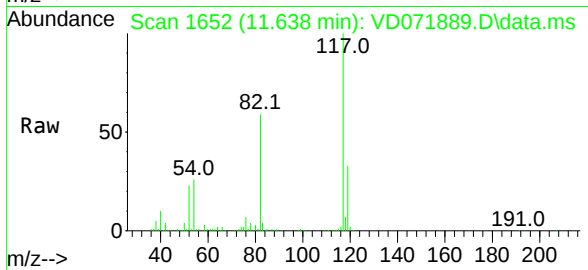




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD071889.D
Acq: 03 Feb 2022 13:10

Instrument :
MSVOA_D
ClientSampleId :
RO-342

Tgt Ion:117 Resp: 662470
Ion Ratio Lower Upper
117 100
82 59.0 45.3 67.9
119 32.8 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: VD071889.D
Acq: 03 Feb 2022 13:10

Tgt Ion:152 Resp: 282748
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 159.1 0.0 348.6

