

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071449.D
 Acq On : 23 Dec 2021 18:09
 Operator : VA/SY
 Sample : M5044-02
 Misc : 5.60G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DA-2-4.5

Quant Time: Dec 24 03:32:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	330277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	621571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	571425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	260373	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	234689	53.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.000%
35) Dibromofluoromethane	7.914	113	202352	48.439	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.880%
50) Toluene-d8	10.338	98	771520	48.872	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.740%
62) 4-Bromofluorobenzene	12.626	95	275072	49.034	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.060%

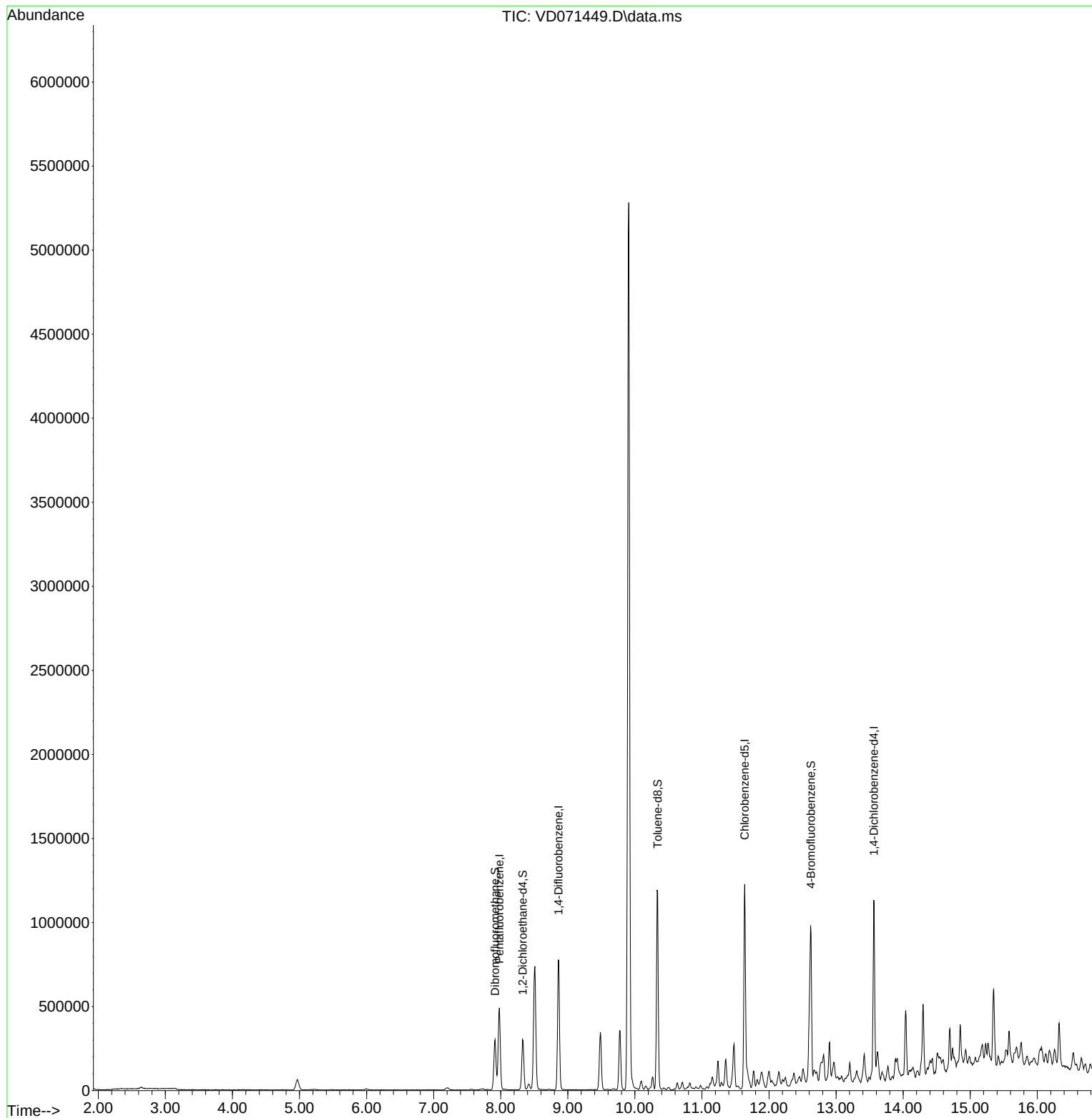
Target Compounds	Qvalue

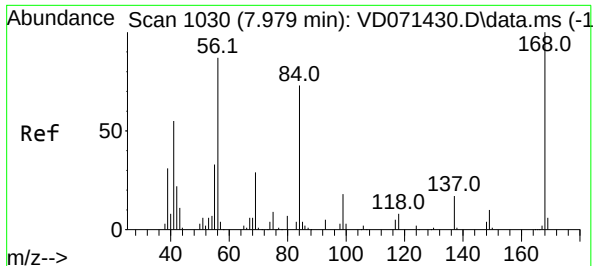
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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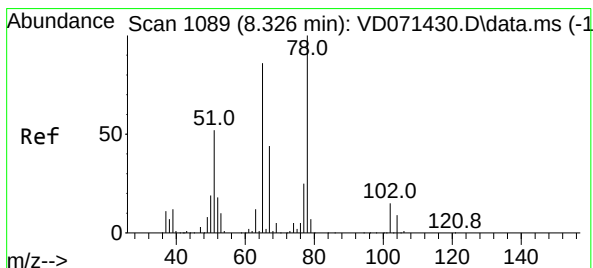
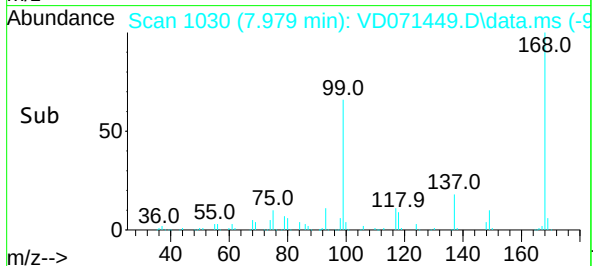
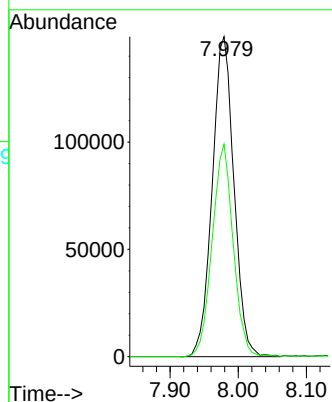
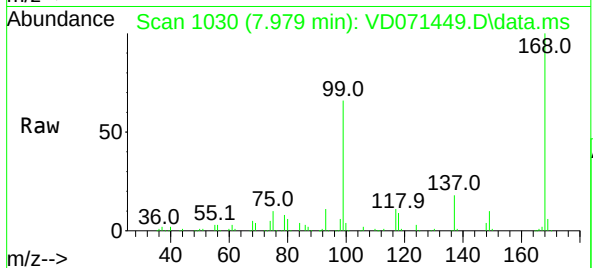




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071449.D
Acq: 23 Dec 2021 18:09

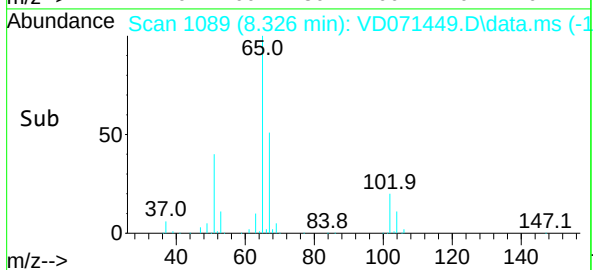
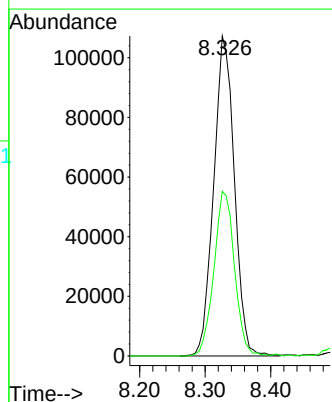
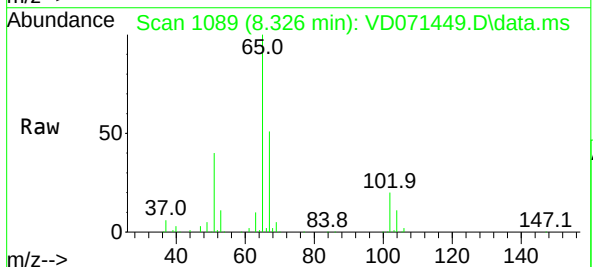
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

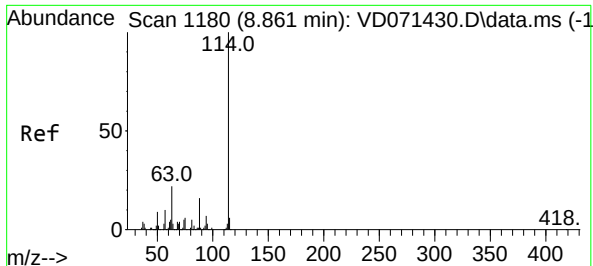
Tgt Ion:168 Resp: 330277
Ion Ratio Lower Upper
168 100
99 66.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 53.504 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071449.D
Acq: 23 Dec 2021 18:09

Tgt Ion: 65 Resp: 234689
Ion Ratio Lower Upper
65 100
67 51.3 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071449.D

Acq: 23 Dec 2021 18:09

Instrument :

MSVOA_D

ClientSampleId :

DA-2-4.5

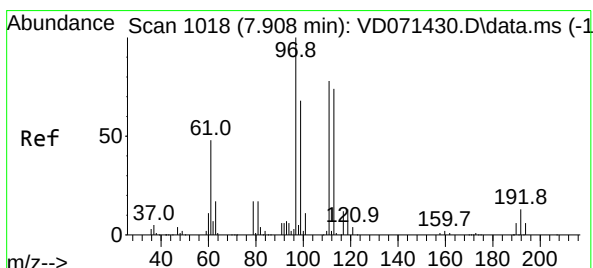
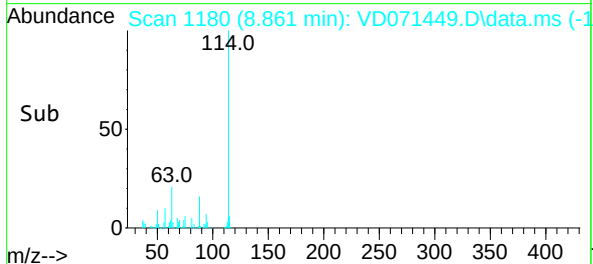
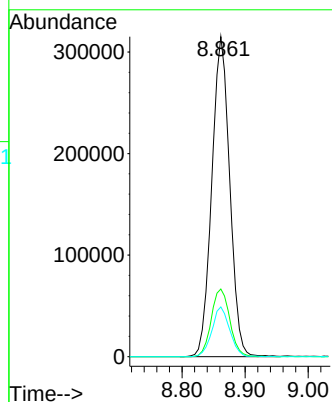
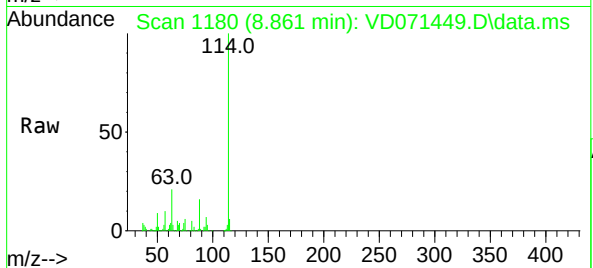
Tgt Ion:114 Resp: 621571

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.8

88 15.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.439 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071449.D

Acq: 23 Dec 2021 18:09

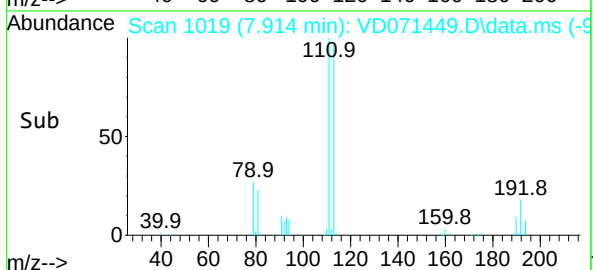
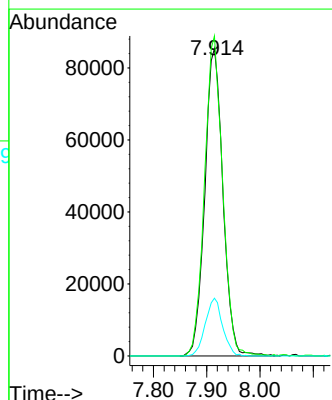
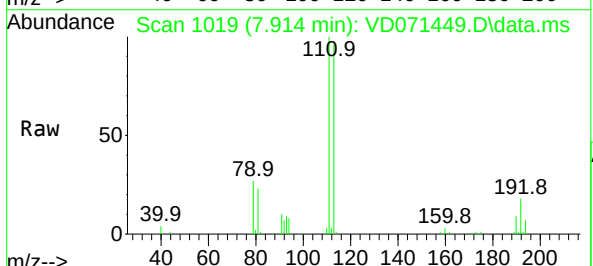
Tgt Ion:113 Resp: 202352

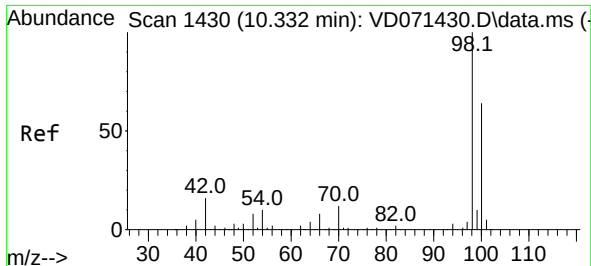
Ion Ratio Lower Upper

113 100

111 103.5 82.0 123.0

192 17.9 15.2 22.8

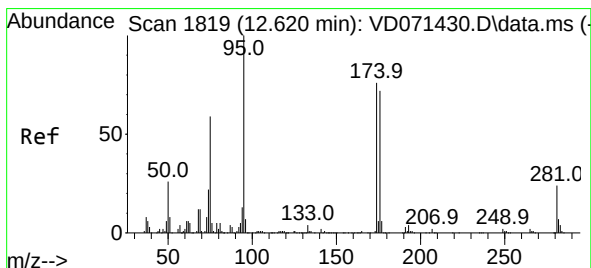
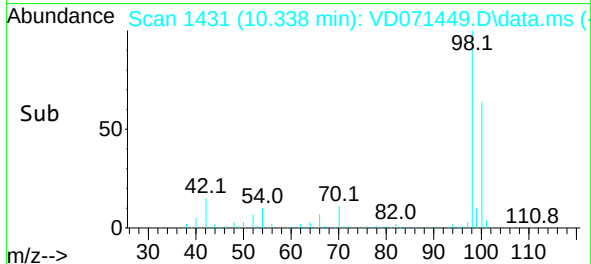
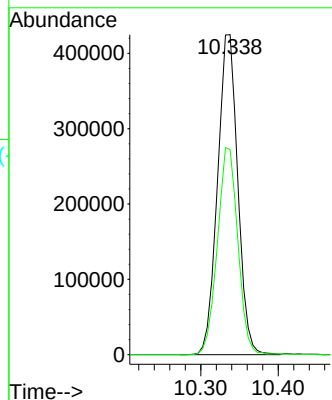
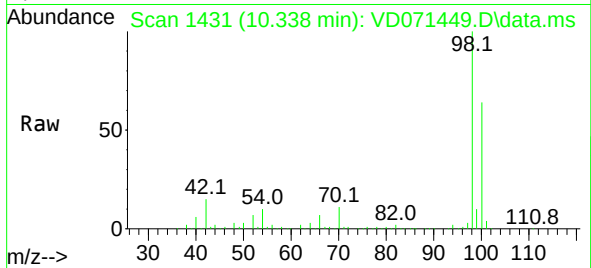




#50
Toluene-d8
Concen: 48.872 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071449.D
Acq: 23 Dec 2021 18:09

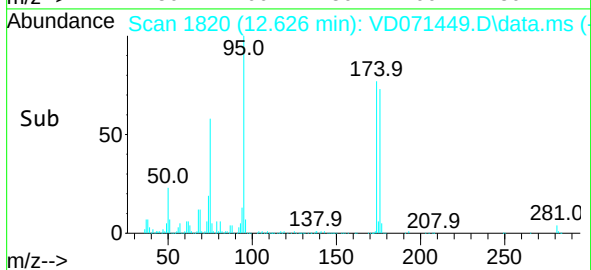
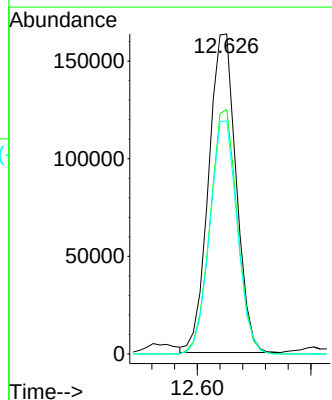
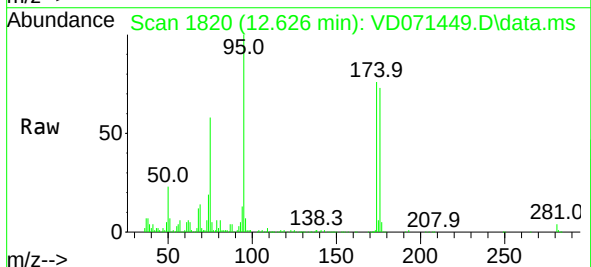
Instrument :
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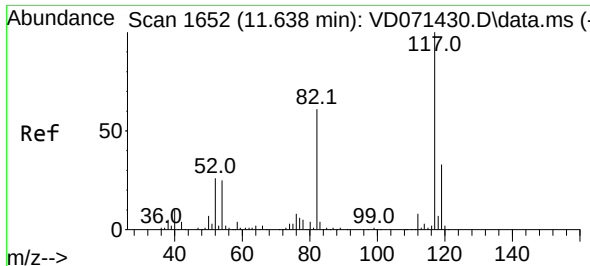
Tgt Ion: 98 Resp: 771520
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 49.034 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071449.D
Acq: 23 Dec 2021 18:09

Tgt Ion: 95 Resp: 275072
Ion Ratio Lower Upper
95 100
174 75.9 0.0 159.4
176 72.8 0.0 154.0

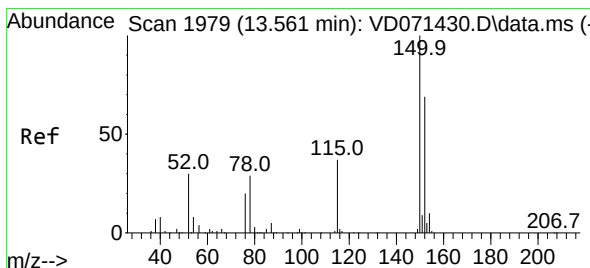
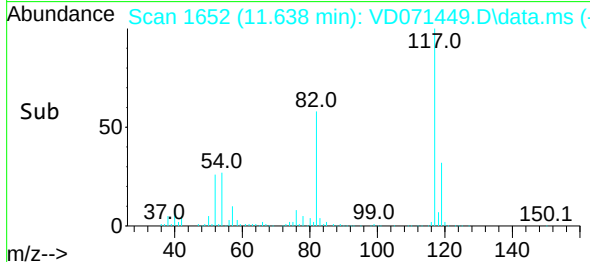
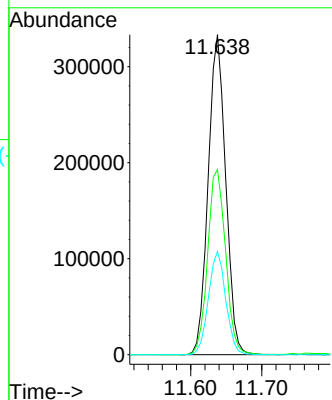
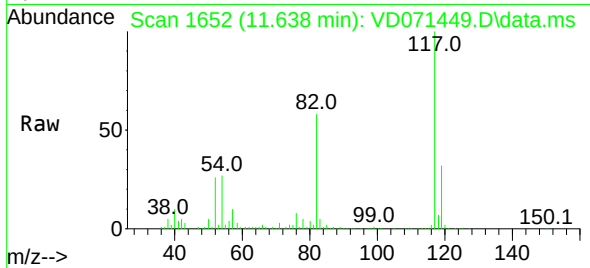




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071449.D
Acq: 23 Dec 2021 18:09

Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

Tgt Ion:117 Resp: 571425
Ion Ratio Lower Upper
117 100
82 57.9 44.7 67.1
119 32.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071449.D
Acq: 23 Dec 2021 18:09

Tgt Ion:152 Resp: 260373
Ion Ratio Lower Upper
152 100
115 62.7 29.8 89.3
150 157.8 0.0 349.2

