

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080222\
 Data File : VD073930.D
 Acq On : 02 Aug 2022 16:57
 Operator : VA/SY
 Sample : N3982-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-3-072922

Quant Time: Aug 03 04:13:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	102812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	228159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	232796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	109491	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	71952	88.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	177.260%#
35) Dibromofluoromethane	7.909	113	83038	58.577	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.160%
50) Toluene-d8	10.326	98	294285	61.629	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	123.260%
62) 4-Bromofluorobenzene	12.620	95	102609	58.433	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.860%

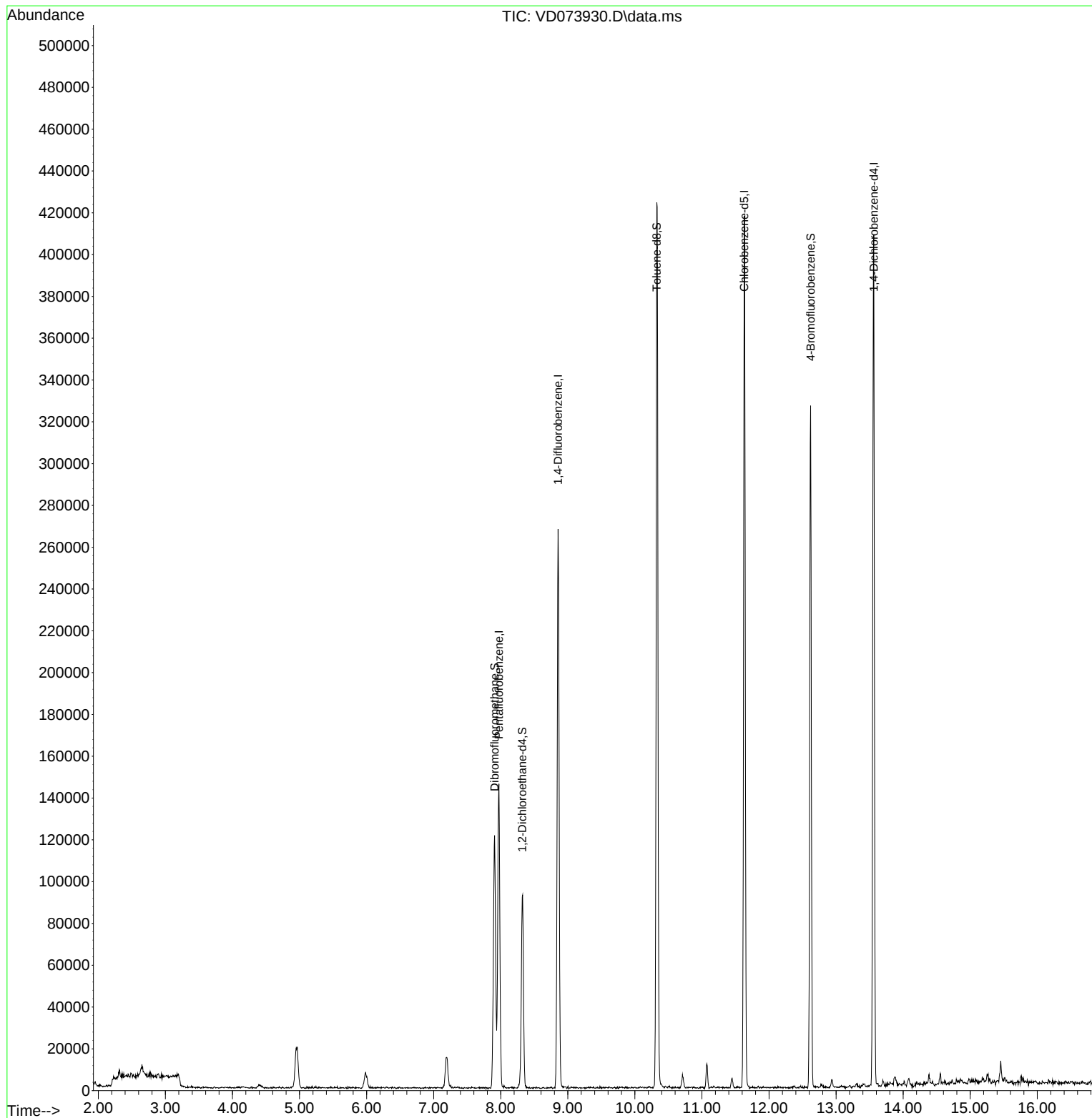
Target Compounds	Qvalue

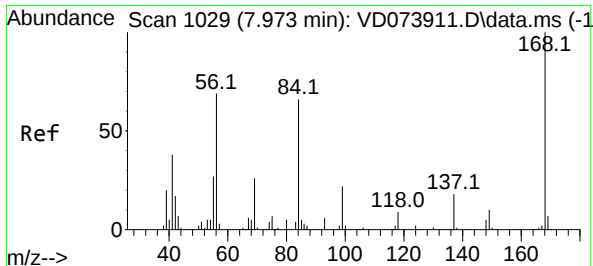
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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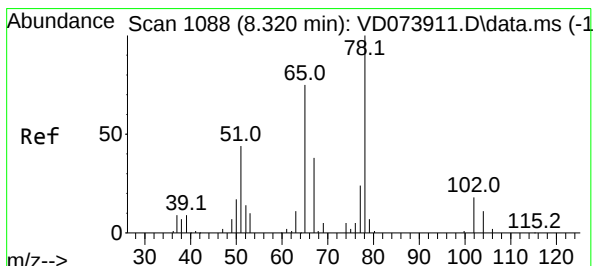
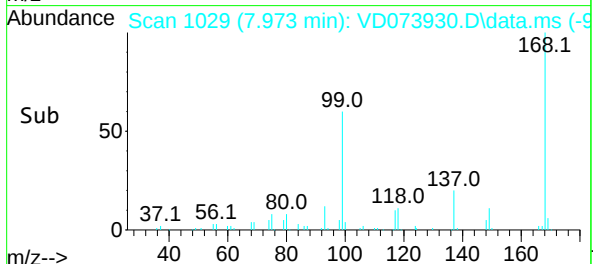
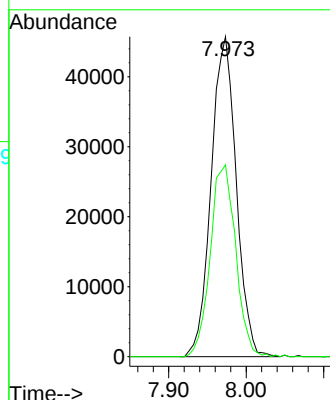
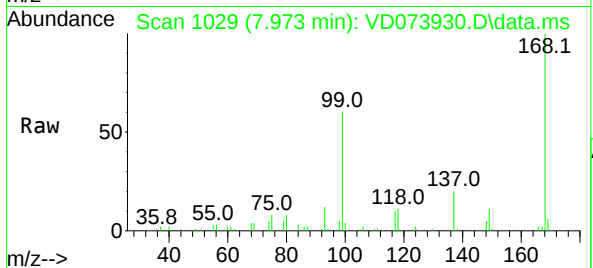




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073930.D
Acq: 02 Aug 2022 16:57

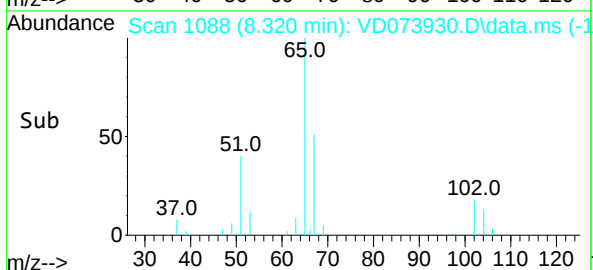
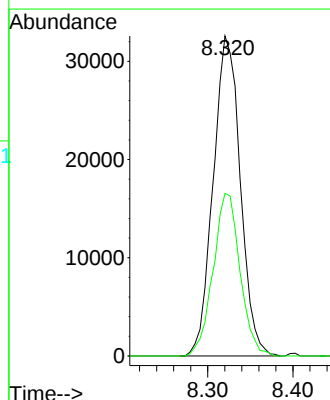
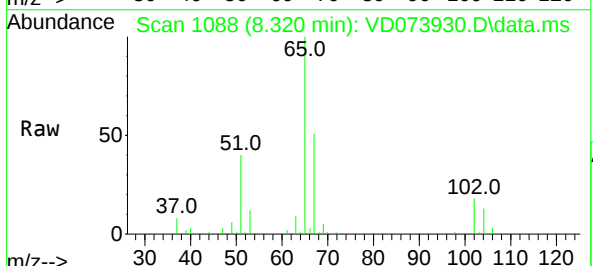
Instrument :
MSVOA_D
ClientSampleId :
OR-3-072922

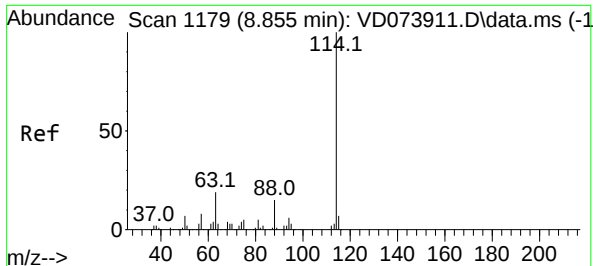
Tgt Ion:168 Resp: 102812
Ion Ratio Lower Upper
168 100
99 59.9 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 88.626 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073930.D
Acq: 02 Aug 2022 16:57

Tgt Ion: 65 Resp: 71952
Ion Ratio Lower Upper
65 100
67 50.4 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073930.D

Acq: 02 Aug 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

OR-3-072922

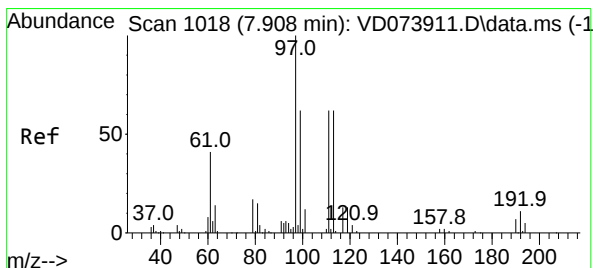
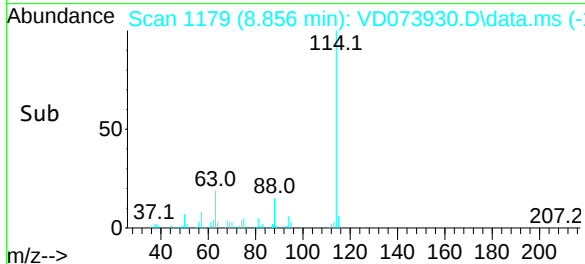
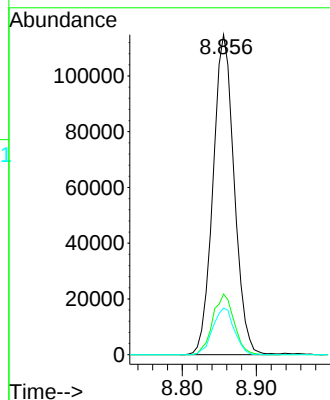
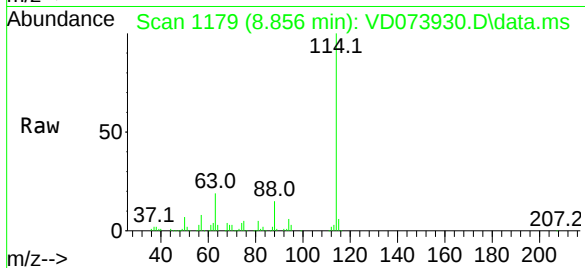
Tgt Ion:114 Resp: 228159

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.6

88 14.6 0.0 30.2



#35

Dibromofluoromethane

Concen: 58.577 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073930.D

Acq: 02 Aug 2022 16:57

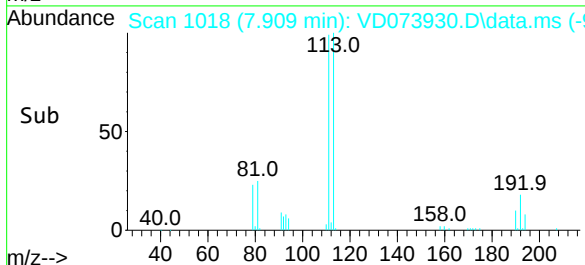
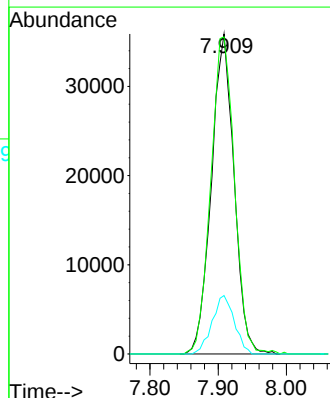
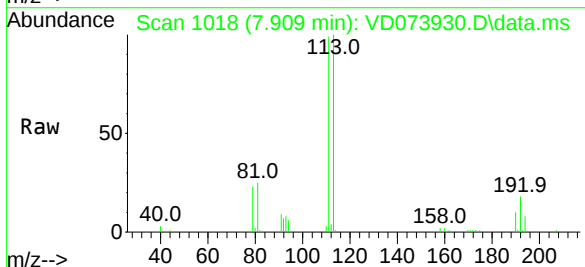
Tgt Ion:113 Resp: 83038

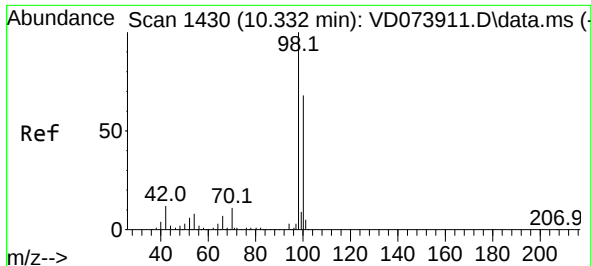
Ion Ratio Lower Upper

113 100

111 103.7 83.7 125.5

192 17.9 15.0 22.6

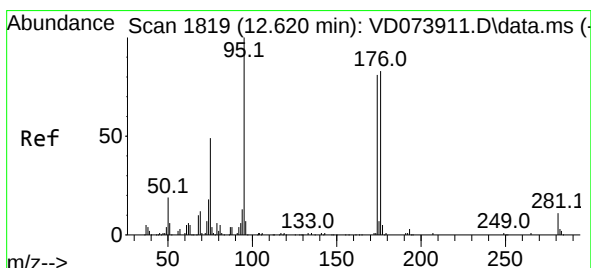
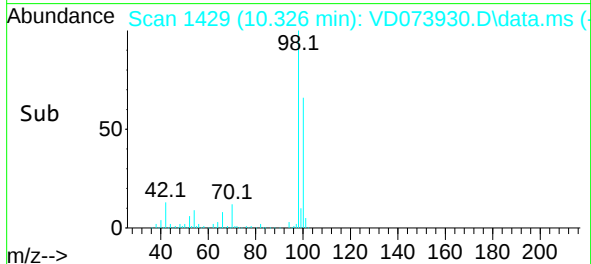
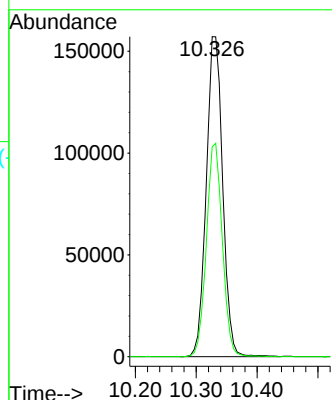
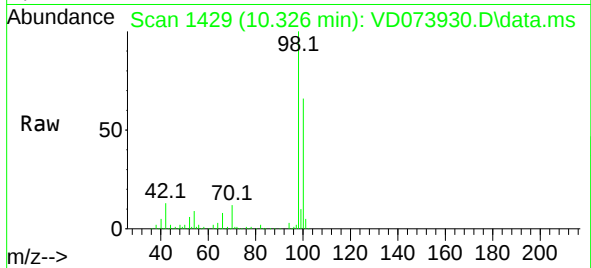




#50
Toluene-d8
Concen: 61.629 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073930.D
Acq: 02 Aug 2022 16:57

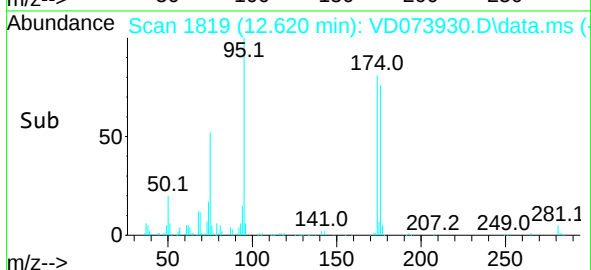
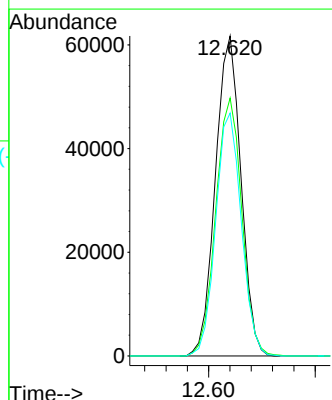
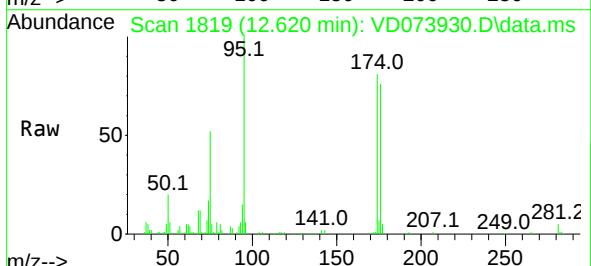
Instrument :
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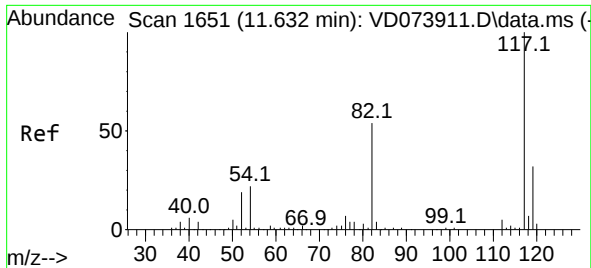
Tgt Ion: 98 Resp: 294285
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 58.433 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073930.D
Acq: 02 Aug 2022 16:57

Tgt Ion: 95 Resp: 102609
Ion Ratio Lower Upper
95 100
174 82.5 0.0 164.2
176 76.1 0.0 161.4

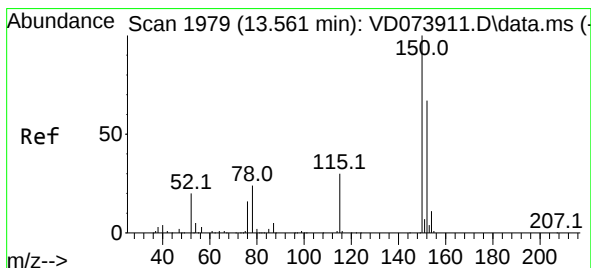
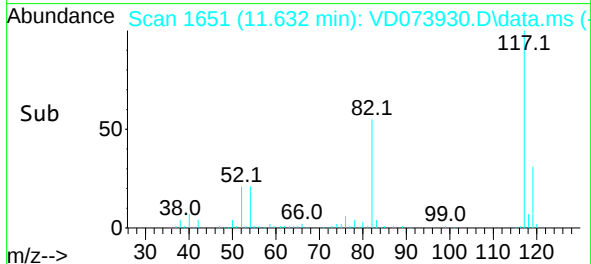
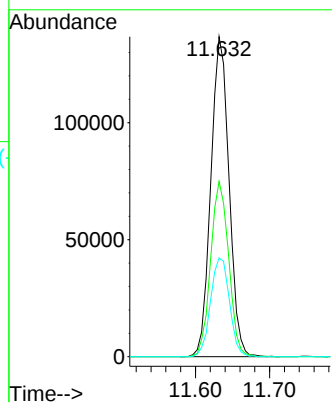
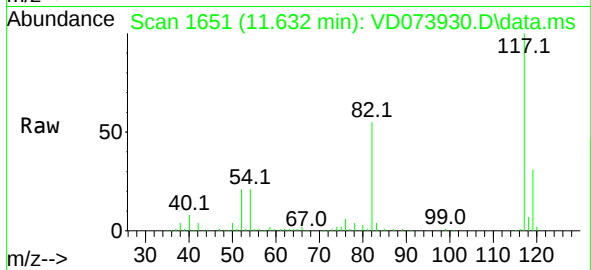




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073930.D
Acq: 02 Aug 2022 16:57

Instrument :
MSVOA_D
ClientSampleId :
OR-3-072922

Tgt Ion:117 Resp: 232796
Ion Ratio Lower Upper
117 100
82 54.7 43.3 64.9
119 30.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073930.D
Acq: 02 Aug 2022 16:57

Tgt Ion:152 Resp: 109491
Ion Ratio Lower Upper
152 100
115 60.1 29.1 87.3
150 159.0 0.0 338.2

