

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080422\
 Data File : VD073953.D
 Acq On : 04 Aug 2022 15:13
 Operator : VA/SY
 Sample : N3962-02
 Misc : 4.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RVE-188

Quant Time: Aug 05 07:53:14 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	124439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	208433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	175515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	67458	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	59069	58.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.960%
35) Dibromofluoromethane	7.908	113	64138	49.526	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.060%
50) Toluene-d8	10.332	98	173462	39.764	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.520%
62) 4-Bromofluorobenzene	12.620	95	56949	35.500	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.000%

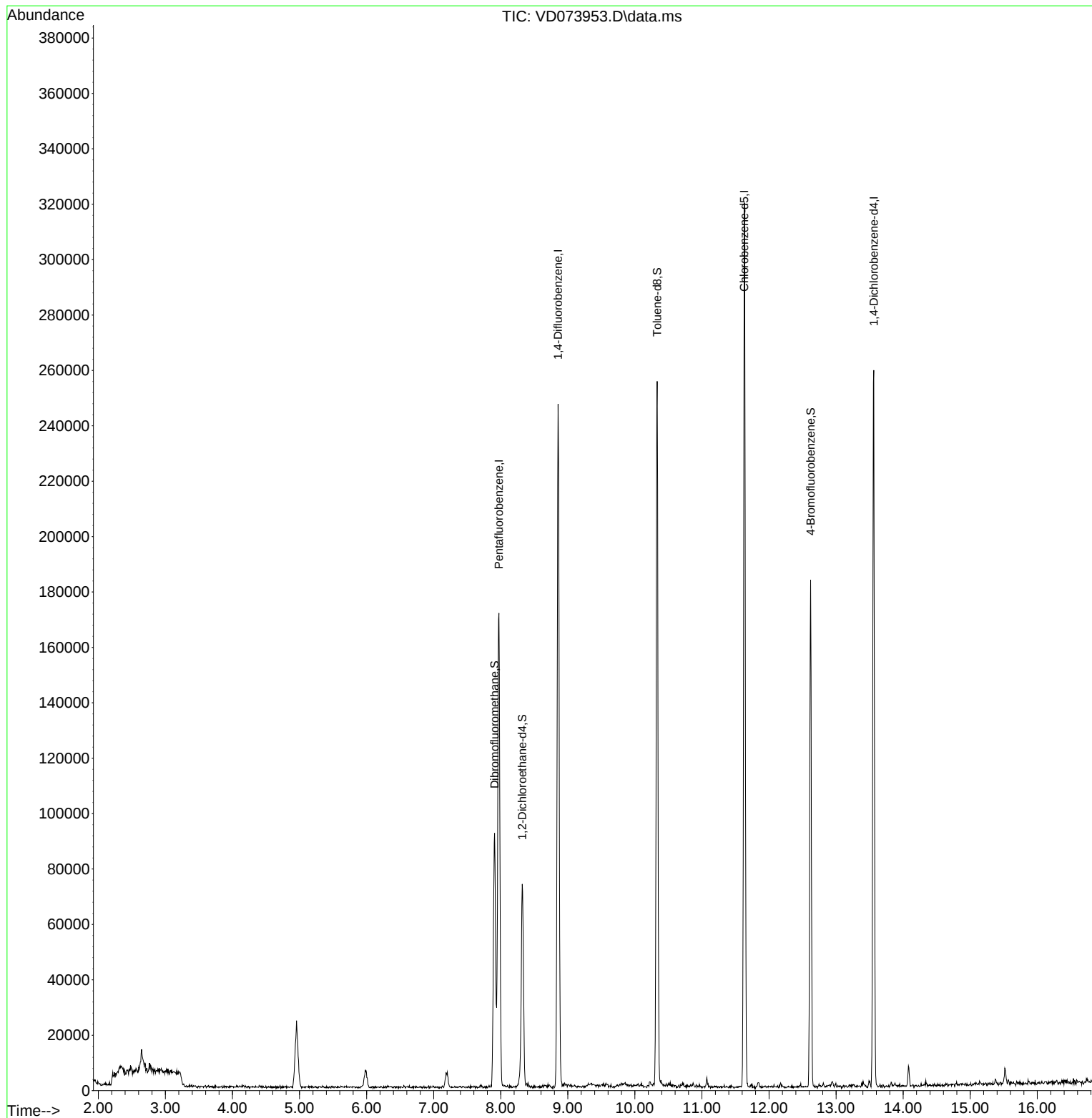
Target Compounds	Qvalue

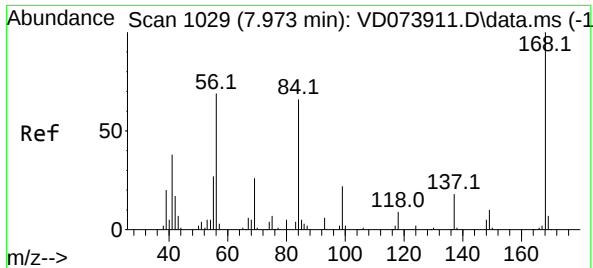
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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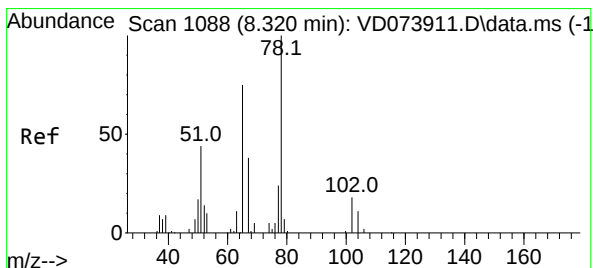
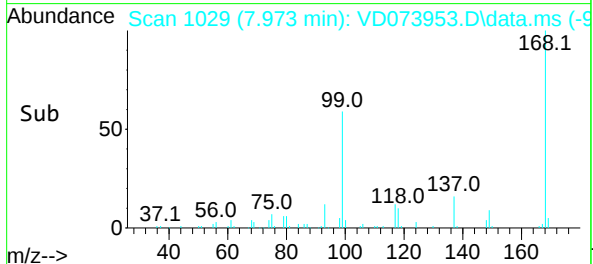
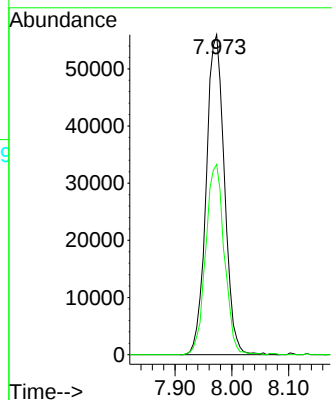
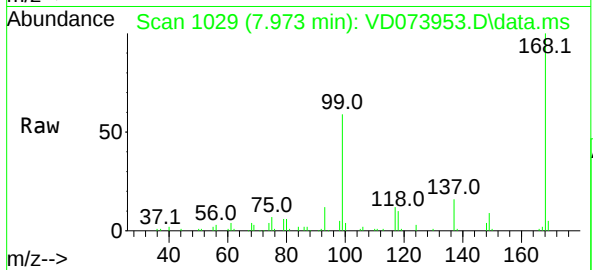




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073953.D
Acq: 04 Aug 2022 15:13

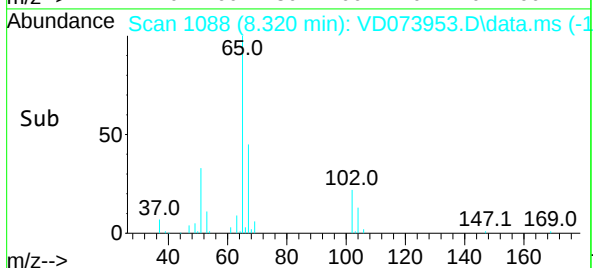
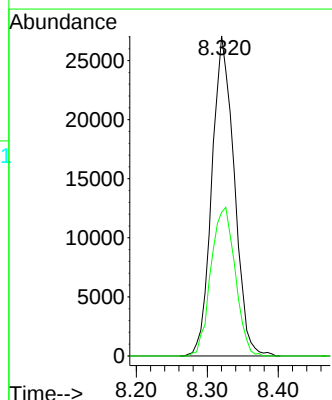
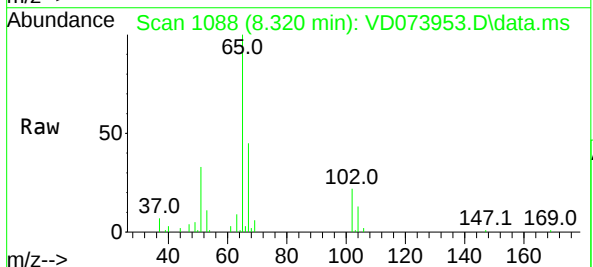
Instrument :
MSVOA_D
ClientSampleId :
RVE-188

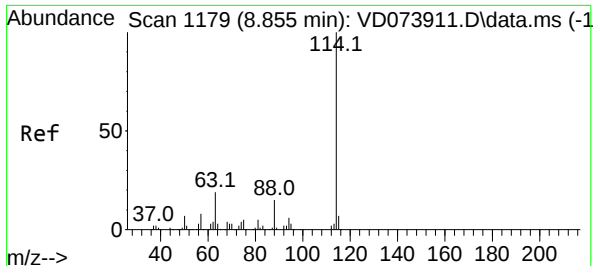
Tgt Ion:168 Resp: 124439
Ion Ratio Lower Upper
168 100
99 59.5 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 58.478 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073953.D
Acq: 04 Aug 2022 15:13

Tgt Ion: 65 Resp: 59069
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073953.D

Acq: 04 Aug 2022 15:13

Instrument :

MSVOA_D

ClientSampleId :

RVE-188

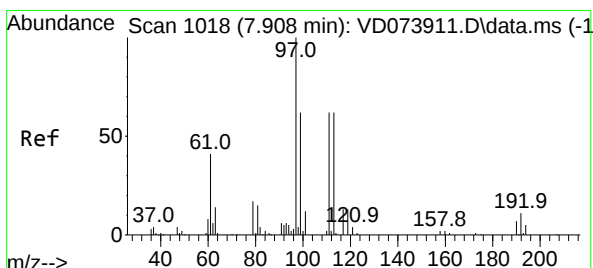
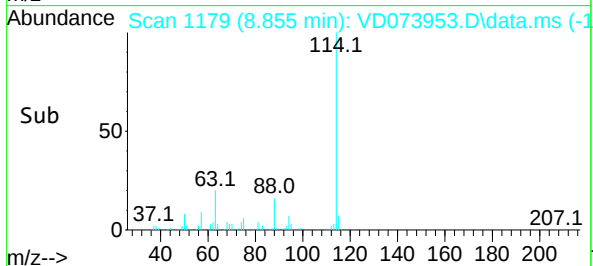
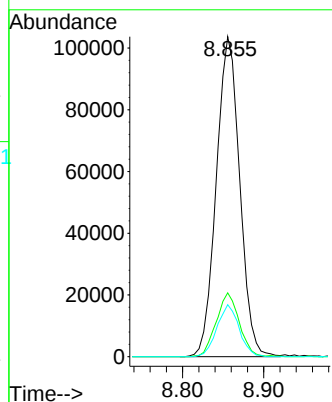
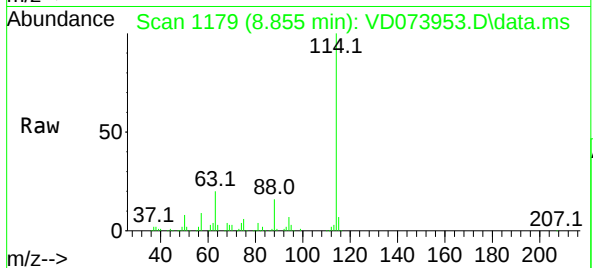
Tgt Ion:114 Resp: 208433

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.6

88 16.3 0.0 30.2



#35

Dibromofluoromethane

Concen: 49.526 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073953.D

Acq: 04 Aug 2022 15:13

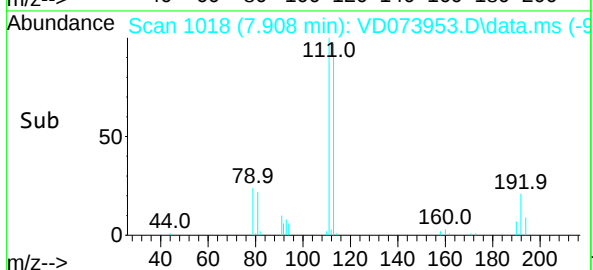
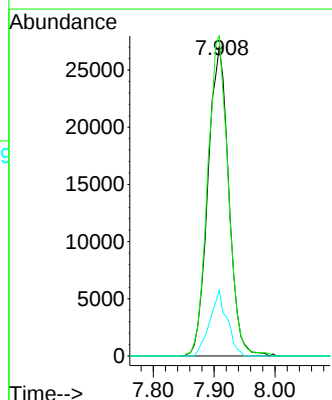
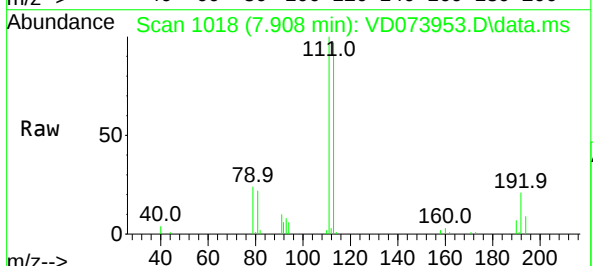
Tgt Ion:113 Resp: 64138

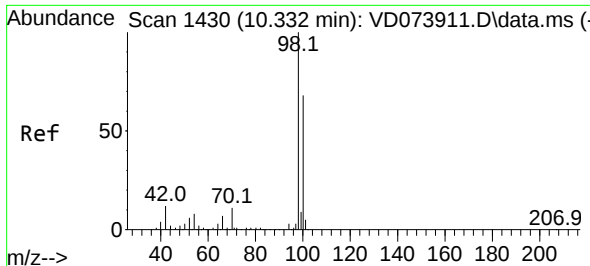
Ion Ratio Lower Upper

113 100

111 102.3 83.7 125.5

192 17.7 15.0 22.6

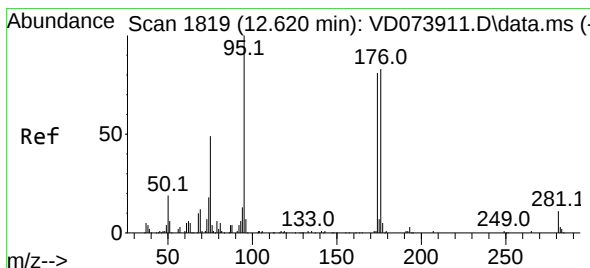
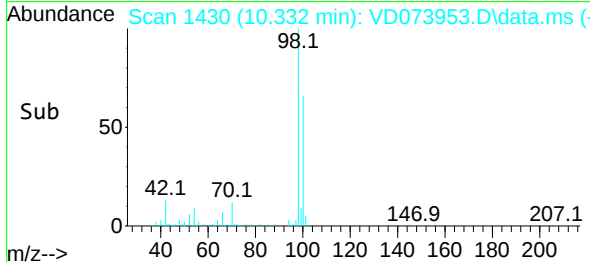
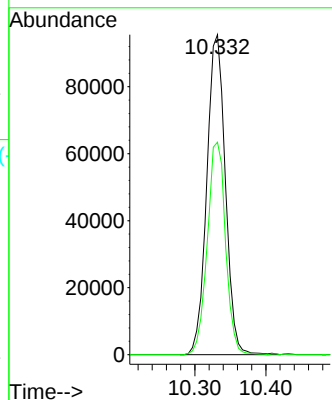
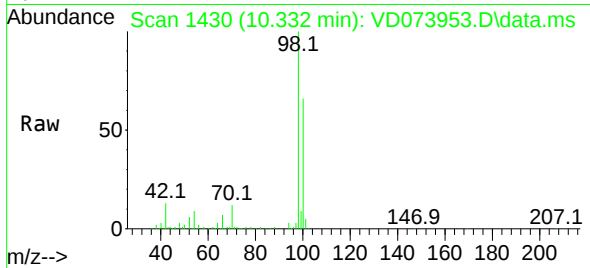




#50
Toluene-d8
Concen: 39.764 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073953.D
Acq: 04 Aug 2022 15:13

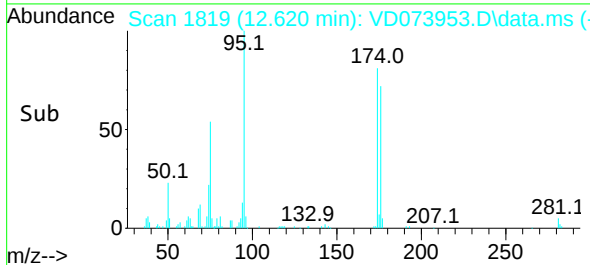
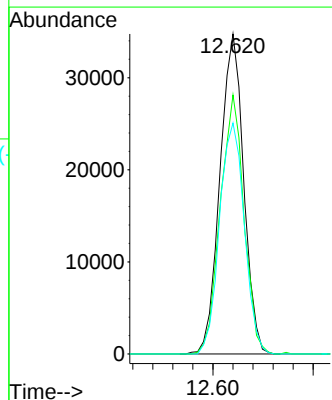
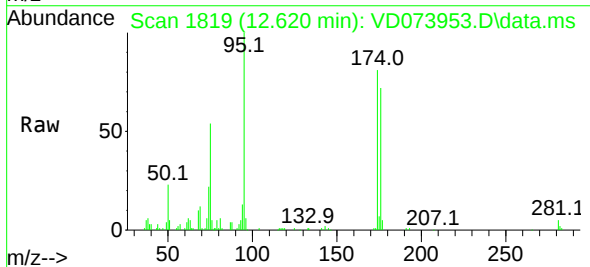
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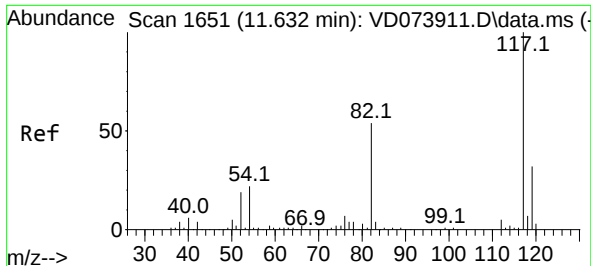
Tgt Ion: 98 Resp: 173462
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 35.500 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073953.D
Acq: 04 Aug 2022 15:13

Tgt Ion: 95 Resp: 56949
Ion Ratio Lower Upper
95 100
174 80.9 0.0 164.2
176 75.4 0.0 161.4

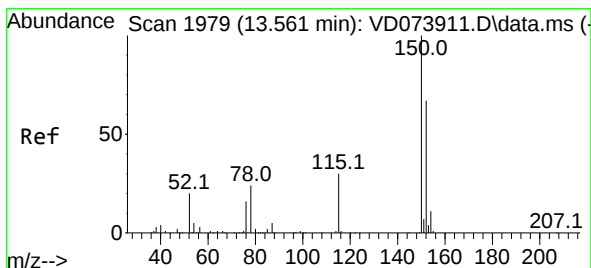
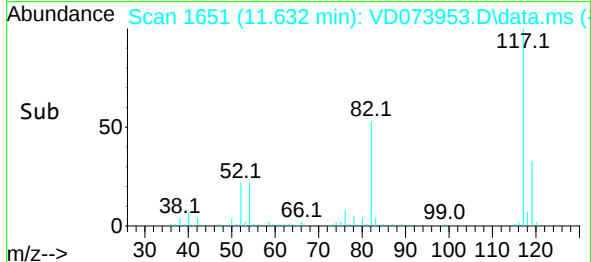
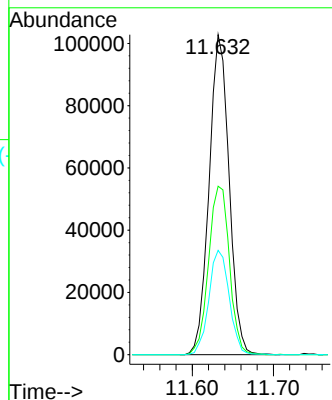
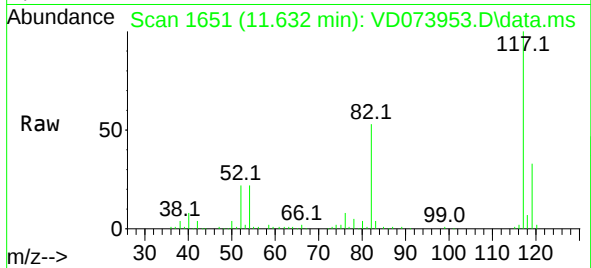




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073953.D
Acq: 04 Aug 2022 15:13

Instrument :
MSVOA_D
ClientSampleId :
RVE-188

Tgt Ion:117 Resp: 175515
Ion Ratio Lower Upper
117 100
82 52.7 43.3 64.9
119 32.6 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: VD073953.D
Acq: 04 Aug 2022 15:13

Tgt Ion:152 Resp: 67458
Ion Ratio Lower Upper
152 100
115 60.5 29.1 87.3
150 154.3 0.0 338.2

