

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
 Data File : VD073572.D
 Acq On : 14 Jun 2022 16:36
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jun 15 01:37:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

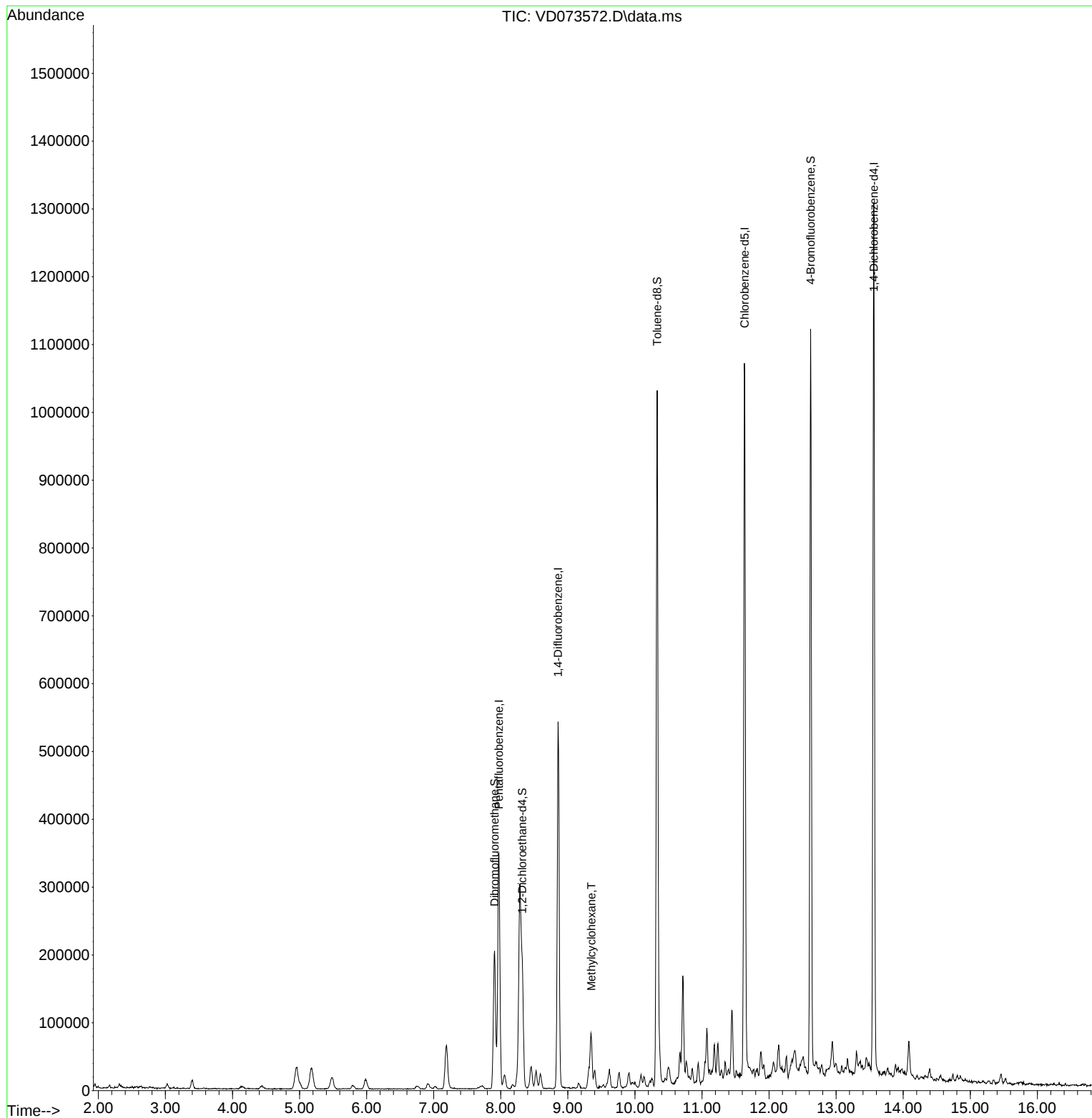
Internal Standards						
1) Pentafluorobenzene	7.973	168	254362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	475389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	624221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	346912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	124557	45.631	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.260%
35) Dibromofluoromethane	7.908	113	148362	48.533	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.060%
50) Toluene-d8	10.332	98	630709	54.569	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.140%
62) 4-Bromofluorobenzene	12.620	95	333318	79.440	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	158.880%#
Target Compounds						
39) Methylcyclohexane	9.349	83	30307	5.664	ug/l	Qvalue 99

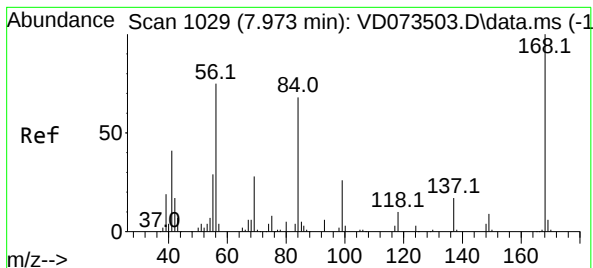
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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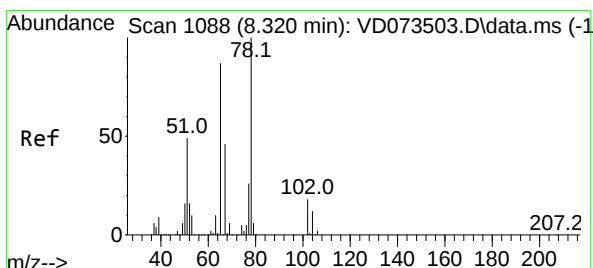
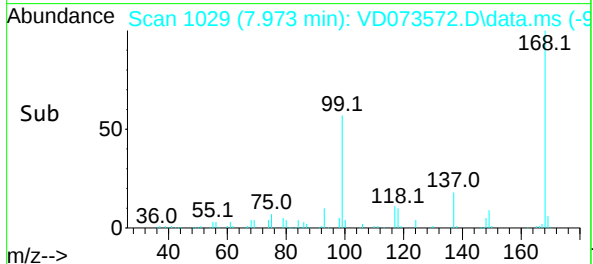
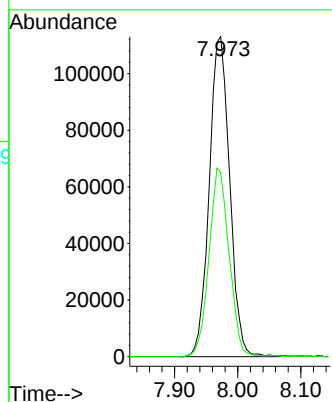
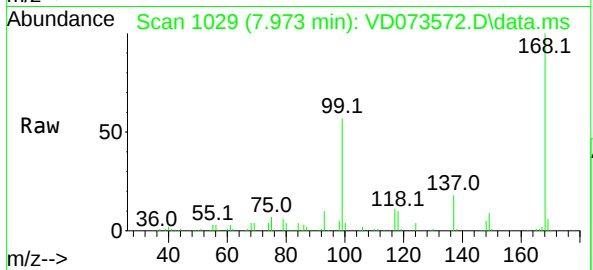




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073572.D
Acq: 14 Jun 2022 16:36

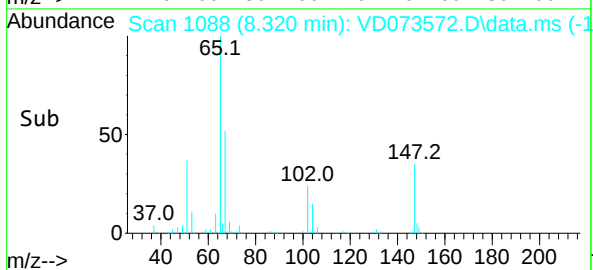
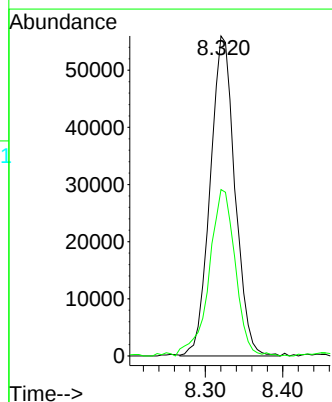
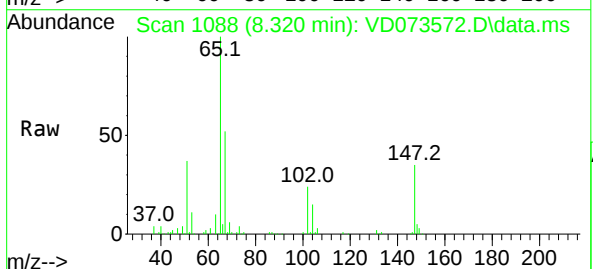
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

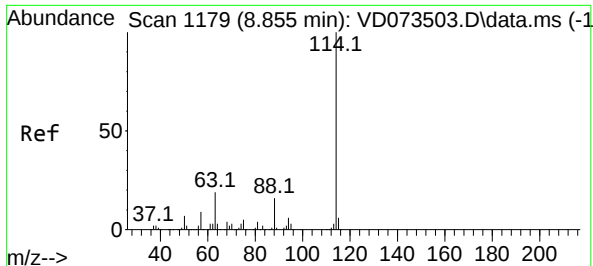
Tgt Ion:168 Resp: 254362
Ion Ratio Lower Upper
168 100
99 57.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 45.631 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073572.D
Acq: 14 Jun 2022 16:36

Tgt Ion: 65 Resp: 124557
Ion Ratio Lower Upper
65 100
67 55.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073572.D

Acq: 14 Jun 2022 16:36

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

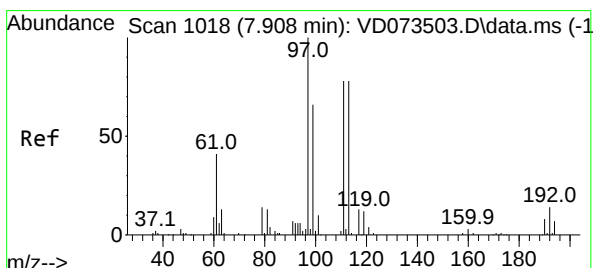
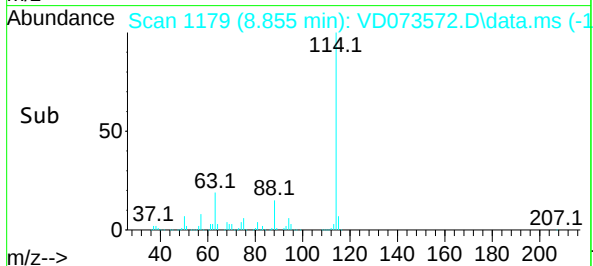
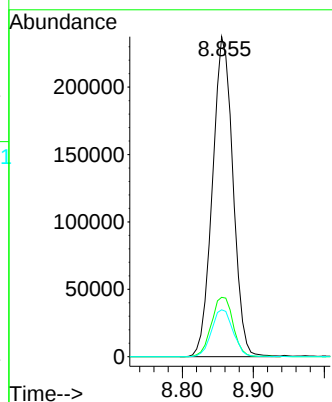
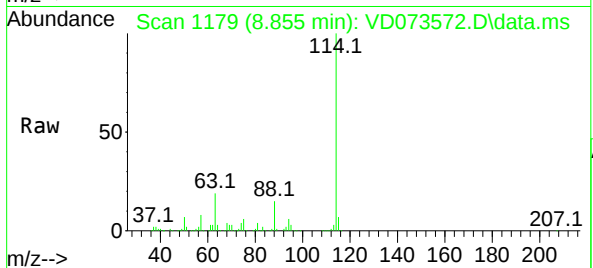
Tgt Ion:114 Resp: 475389

Ion Ratio Lower Upper

114 100

63 18.6 0.0 46.6

88 14.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.533 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073572.D

Acq: 14 Jun 2022 16:36

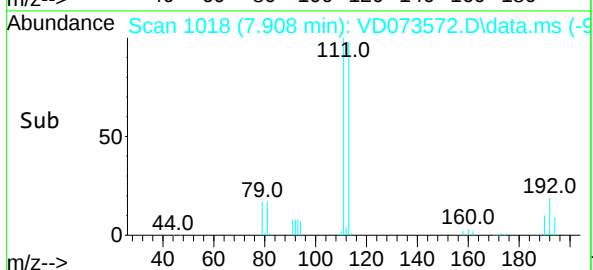
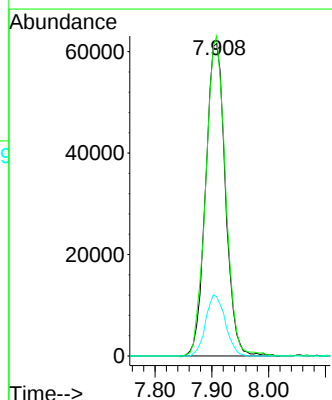
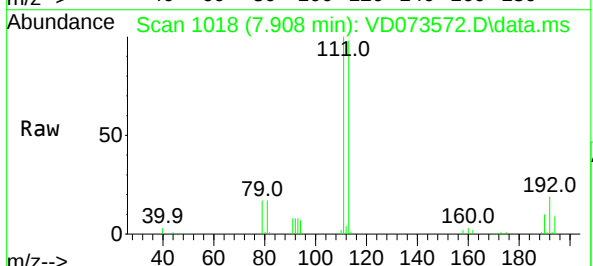
Tgt Ion:113 Resp: 148362

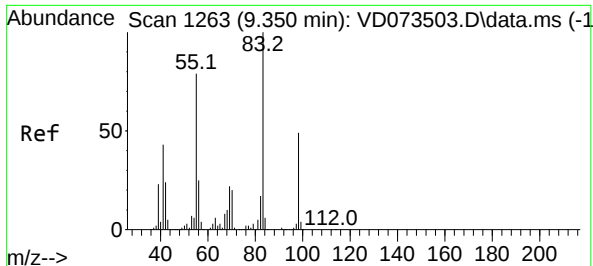
Ion Ratio Lower Upper

113 100

111 102.4 83.8 125.6

192 19.4 14.6 21.8





#39

Methylcyclohexane

Concen: 5.664 ug/l

RT: 9.349 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD073572.D

Acq: 14 Jun 2022 16:36

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

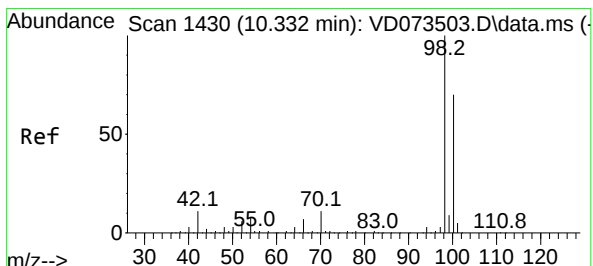
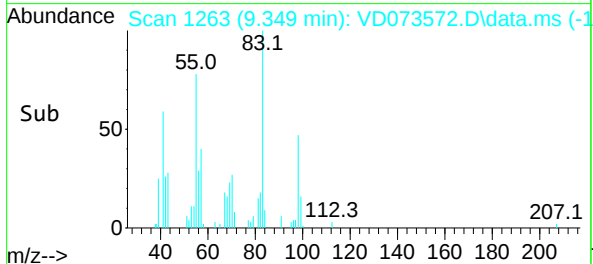
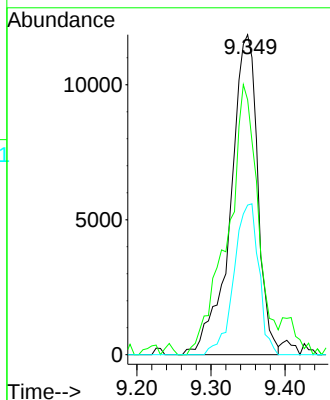
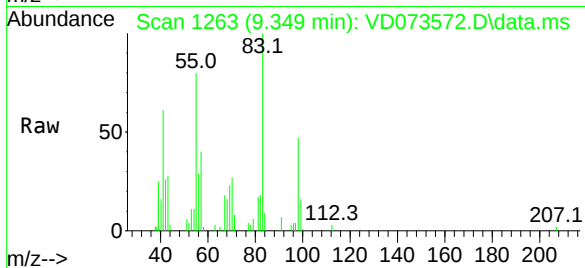
Tgt Ion: 83 Resp: 30307

Ion Ratio Lower Upper

83 100

55 79.6 63.2 94.8

98 46.8 38.2 57.4



#50

Toluene-d8

Concen: 54.569 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073572.D

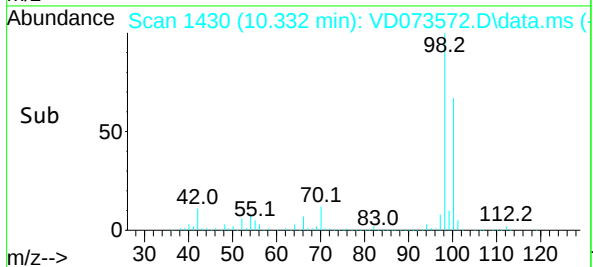
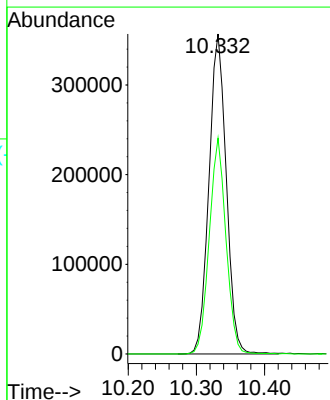
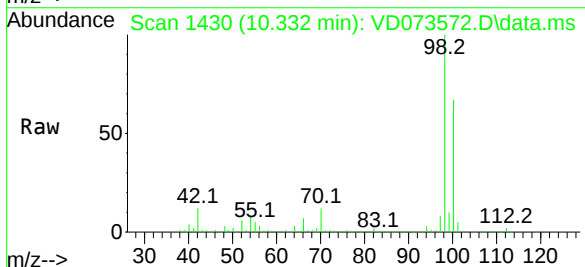
Acq: 14 Jun 2022 16:36

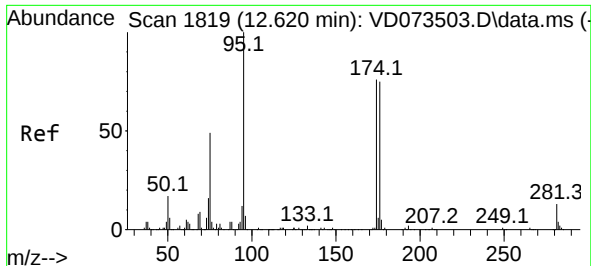
Tgt Ion: 98 Resp: 630709

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6

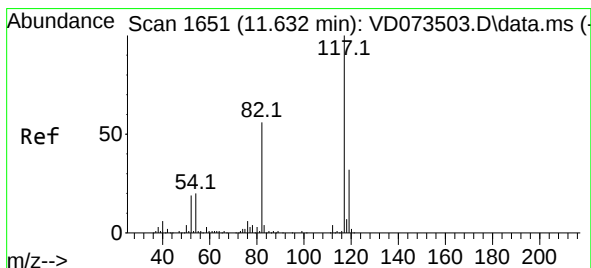
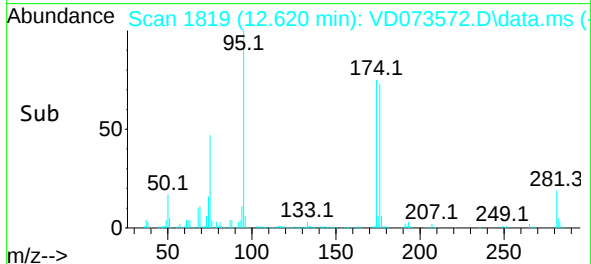
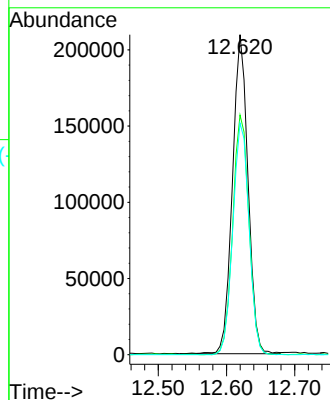
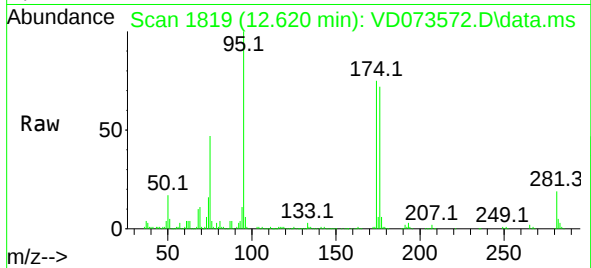




#62
4-Bromofluorobenzene
Concen: 79.440 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073572.D
Acq: 14 Jun 2022 16:36

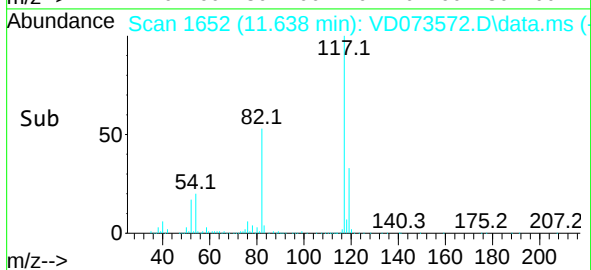
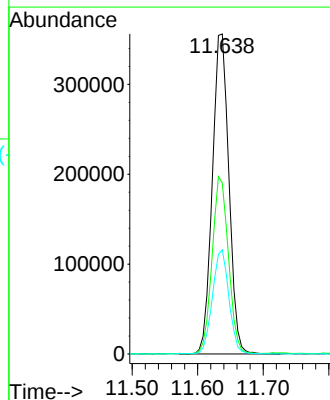
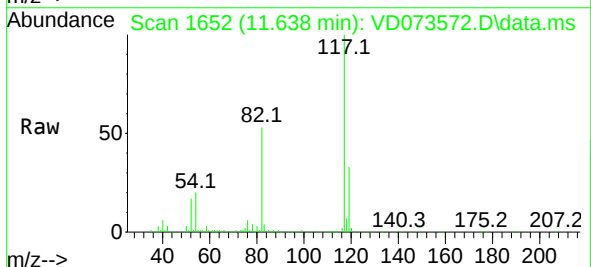
Instrument :
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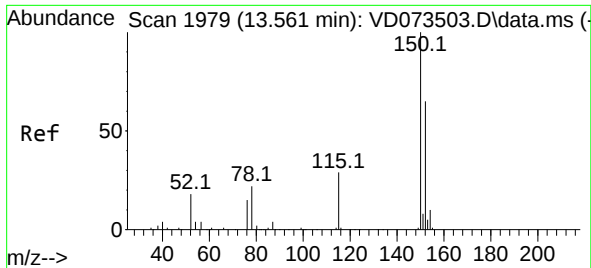
Tgt Ion: 95 Resp: 333318
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 75.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073572.D
Acq: 14 Jun 2022 16:36

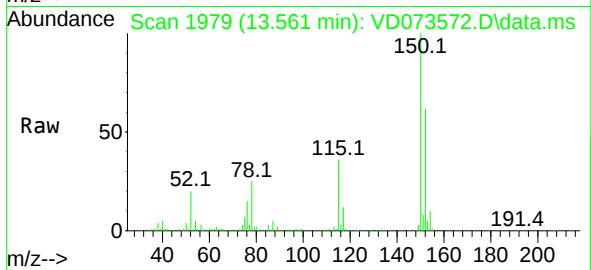
Tgt Ion: 117 Resp: 624221
Ion Ratio Lower Upper
117 100
82 53.3 45.3 67.9
119 32.5 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073572.D
 Acq: 14 Jun 2022 16:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK



Tgt Ion:	152	Resp:	346912
Ion	Ratio	Lower	Upper
152	100		
115	58.6	31.3	93.8
150	158.9	0.0	348.6

