

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121121\
 Data File : VD071273.D
 Acq On : 11 Dec 2021 16:48
 Operator : VA/SY
 Sample : M5018-39
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP6

Quant Time: Dec 12 17:54:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

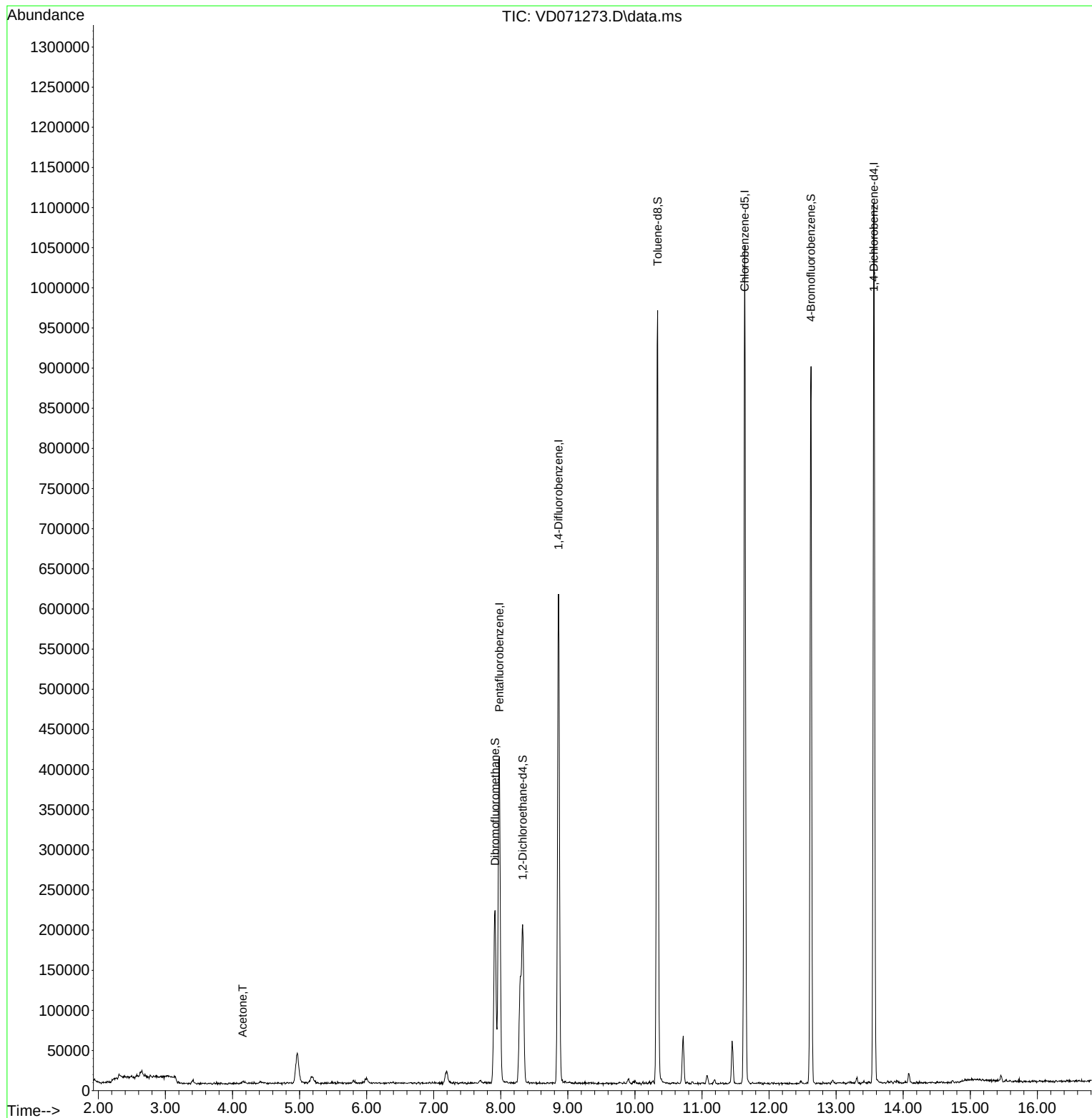
Internal Standards						
1) Pentafluorobenzene	7.979	168	287060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	491566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	535083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	262321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	146979	43.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.280%
35) Dibromofluoromethane	7.914	113	151565	48.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.840%
50) Toluene-d8	10.338	98	627856	52.707	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.420%
62) 4-Bromofluorobenzene	12.626	95	259348	62.808	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.620%
Target Compounds						
16) Acetone	4.150	43	4236	34.949	ug/l	Qvalue 91

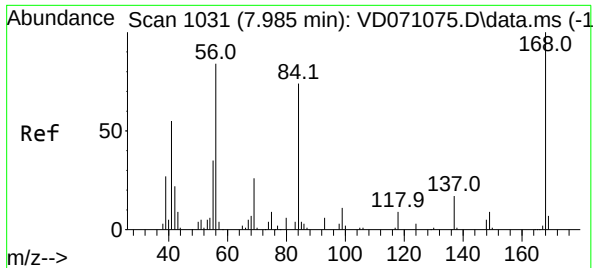
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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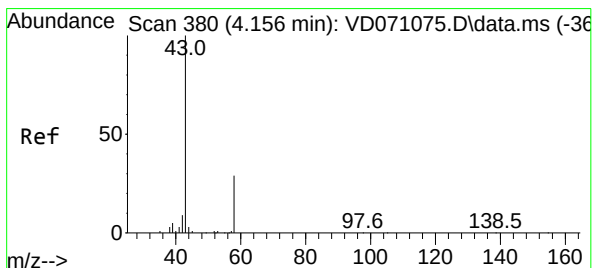
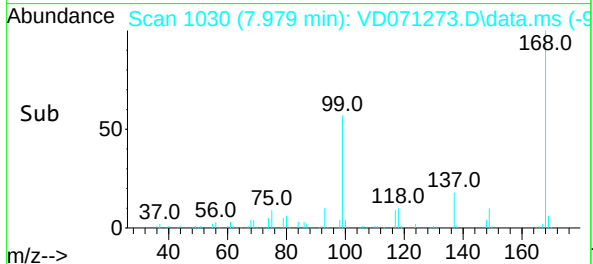
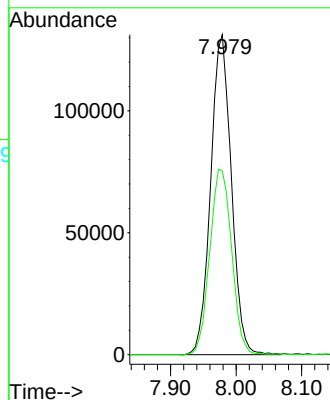
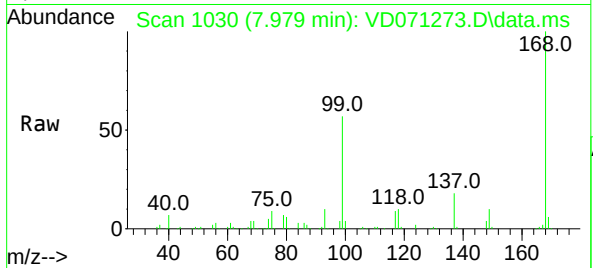




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071273.D
Acq: 11 Dec 2021 16:48

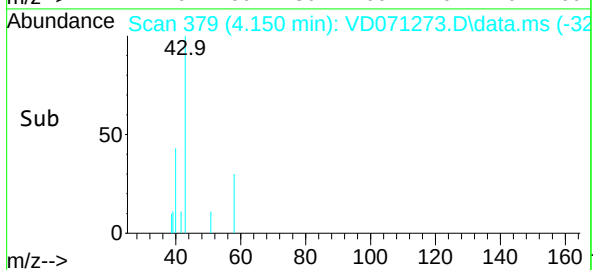
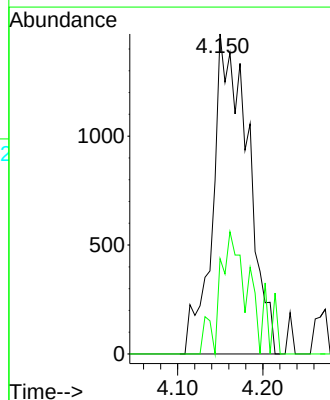
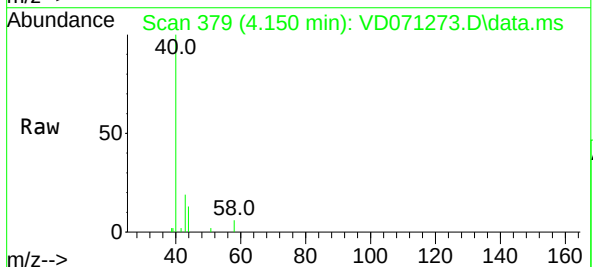
Instrument :
MSVOA_D
ClientSampleId :
TP6

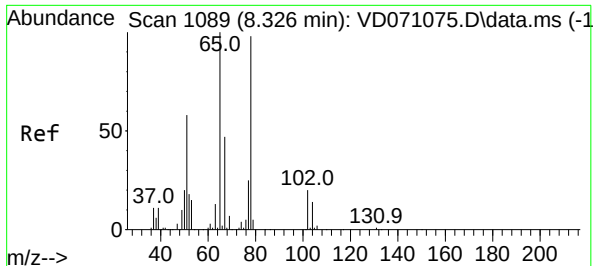
Tgt Ion:168 Resp: 287060
Ion Ratio Lower Upper
168 100
99 57.4 46.6 69.8



#16
Acetone
Concen: 34.949 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071273.D
Acq: 11 Dec 2021 16:48

Tgt Ion: 43 Resp: 4236
Ion Ratio Lower Upper
43 100
58 29.8 27.8 41.8





#33

1,2-Dichloroethane-d4

Concen: 43.636 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071273.D

Acq: 11 Dec 2021 16:48

Instrument :

MSVOA_D

ClientSampleId :

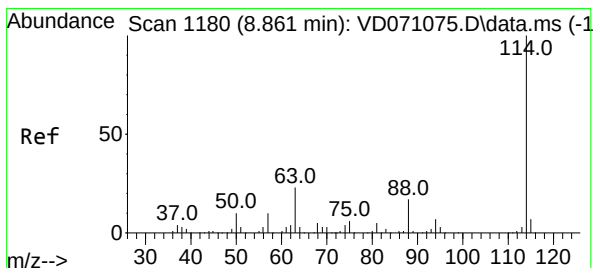
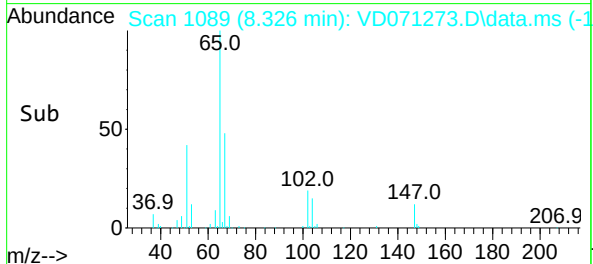
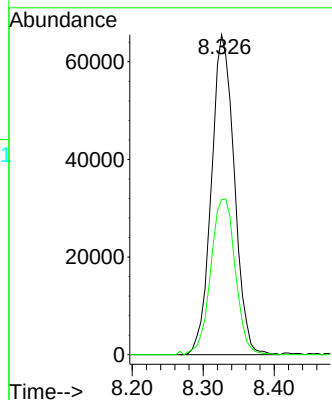
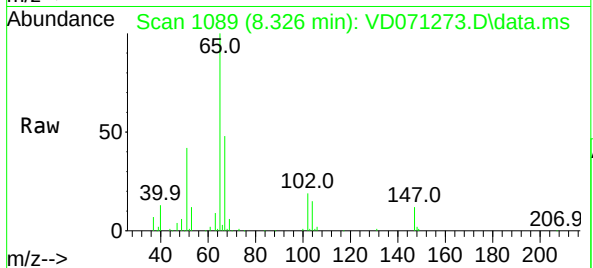
TP6

Tgt Ion: 65 Resp: 146979

Ion Ratio Lower Upper

65 100

67 52.3 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: VD071273.D

Acq: 11 Dec 2021 16:48

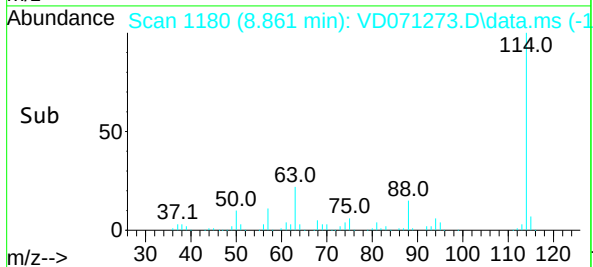
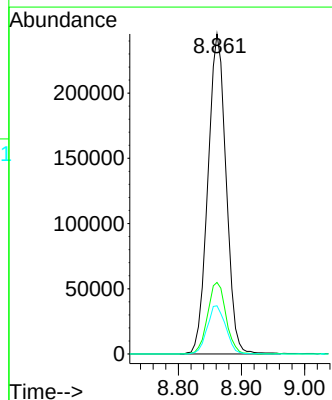
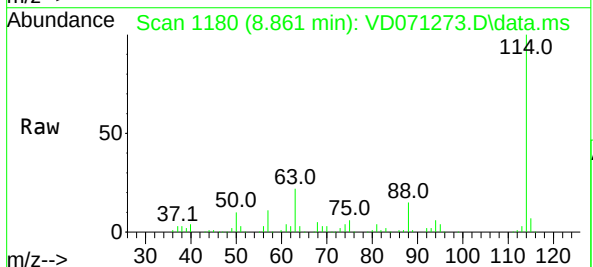
Tgt Ion: 114 Resp: 491566

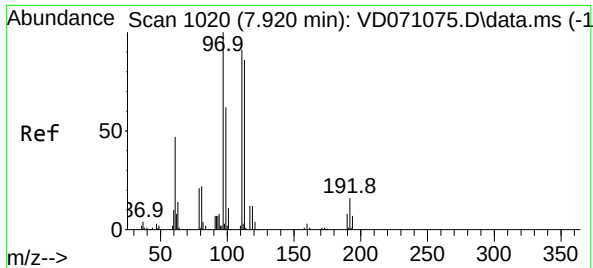
Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

88 15.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.420 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071273.D

Acq: 11 Dec 2021 16:48

Instrument :

MSVOA_D

ClientSampleId :

TP6

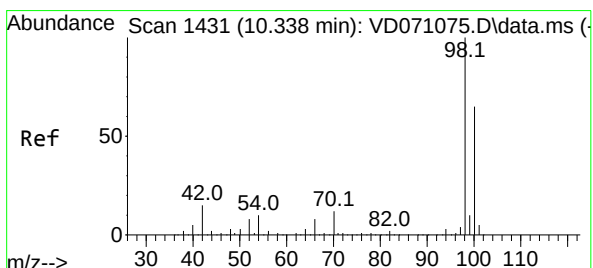
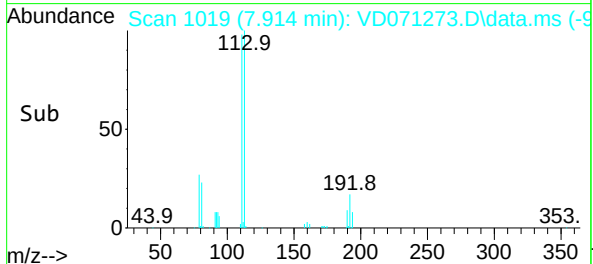
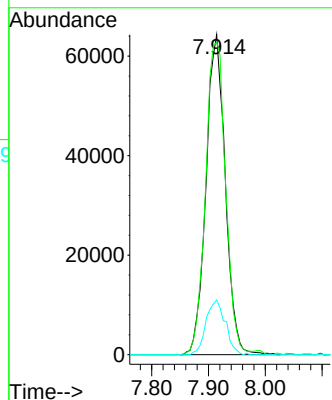
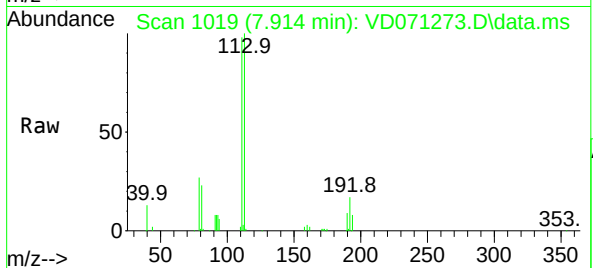
Tgt Ion:113 Resp: 151565

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

192 17.1 15.2 22.8



#50

Toluene-d8

Concen: 52.707 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071273.D

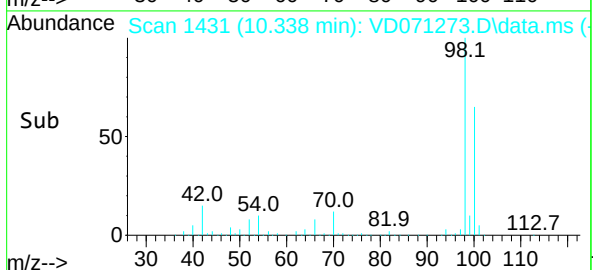
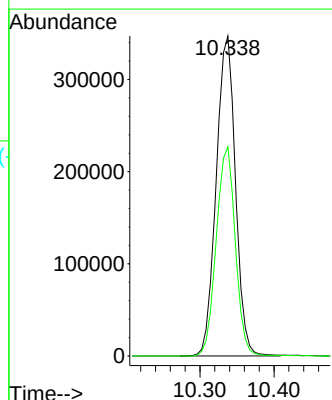
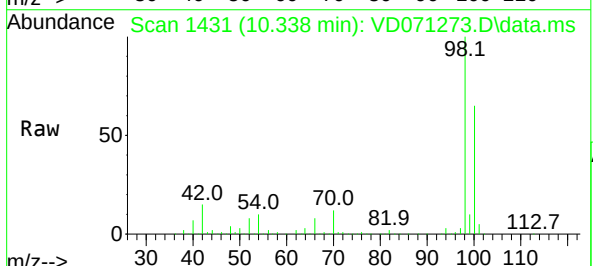
Acq: 11 Dec 2021 16:48

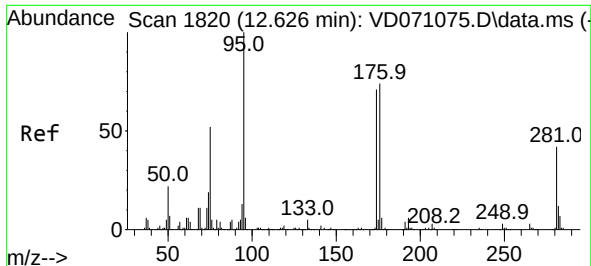
Tgt Ion: 98 Resp: 627856

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.6

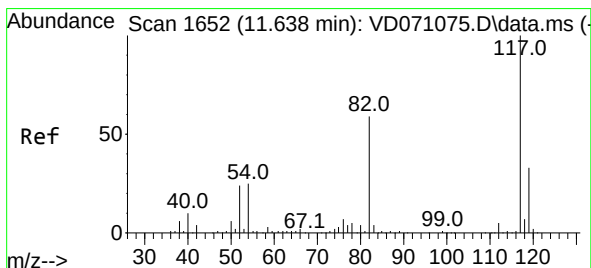
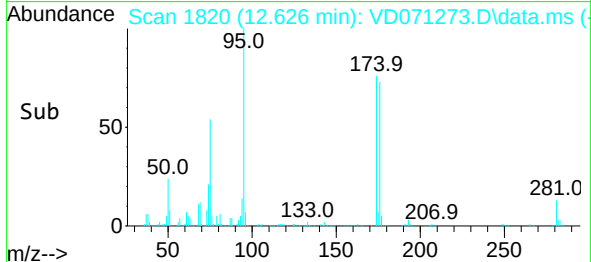
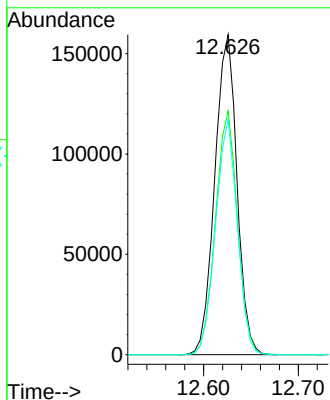
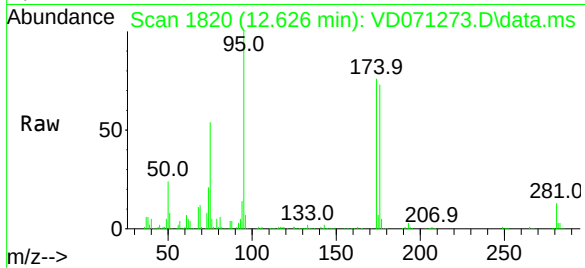




#62
4-Bromofluorobenzene
Concen: 62.808 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071273.D
Acq: 11 Dec 2021 16:48

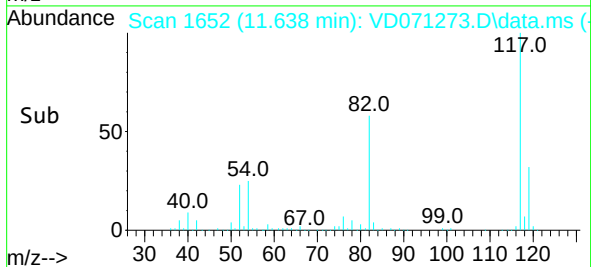
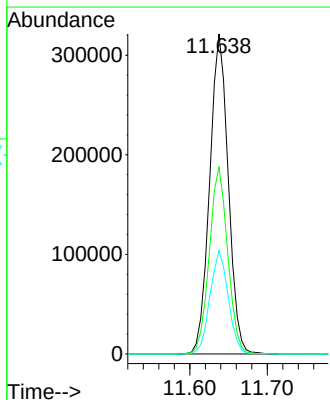
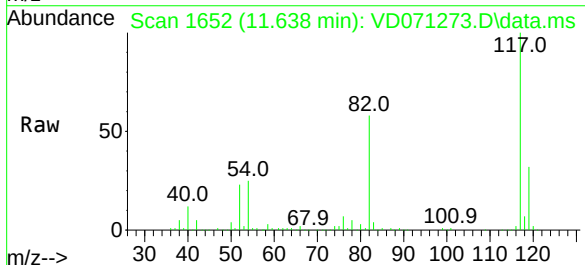
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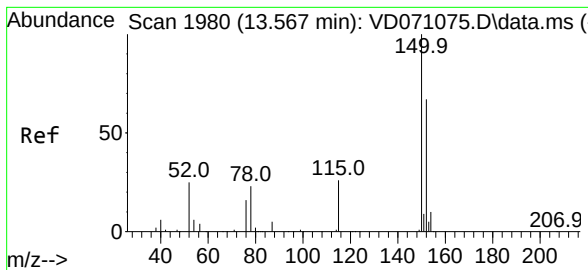
Tgt Ion: 95 Resp: 259348
Ion Ratio Lower Upper
95 100
174 75.5 0.0 159.4
176 72.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071273.D
Acq: 11 Dec 2021 16:48

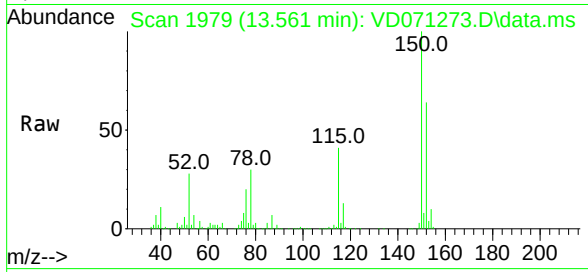
Tgt Ion: 117 Resp: 535083
Ion Ratio Lower Upper
117 100
82 58.4 44.7 67.1
119 32.4 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD071273.D
 Acq: 11 Dec 2021 16:48

Instrument :
 MSVOA_D
 ClientSampleId :
 TP6



Tgt Ion:152 Resp: 262321
 Ion Ratio Lower Upper
 152 100
 115 60.8 29.8 89.3
 150 155.5 0.0 349.2

