

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080422\
 Data File : VD073961.D
 Acq On : 04 Aug 2022 19:01
 Operator : VA/SY
 Sample : N3773-18
 Misc : 6.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DL-3(14.5-15)

Quant Time: Aug 05 07:54:59 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)

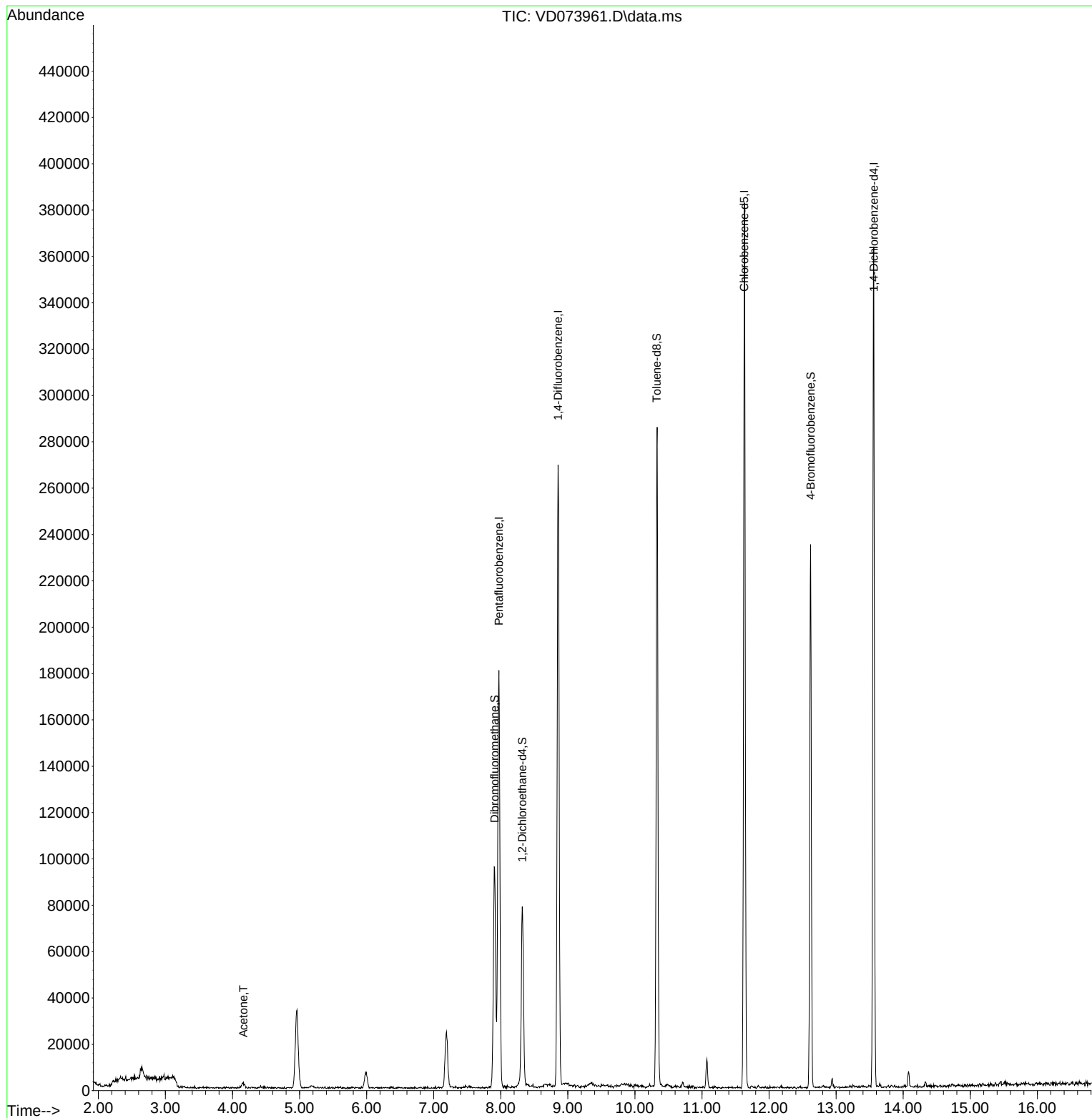
Internal Standards						
1) Pentafluorobenzene	7.973	168	130164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	232671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	212316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	93269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	60618	57.276	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.560%
35) Dibromofluoromethane	7.908	113	68133	47.131	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.260%
50) Toluene-d8	10.326	98	191415	39.309	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.620%
62) 4-Bromofluorobenzene	12.620	95	70442	39.337	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.680%
Target Compounds						
16) Acetone	4.162	43	4393	25.216	ug/l	Qvalue 91

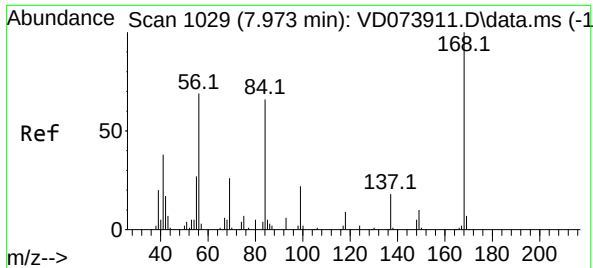
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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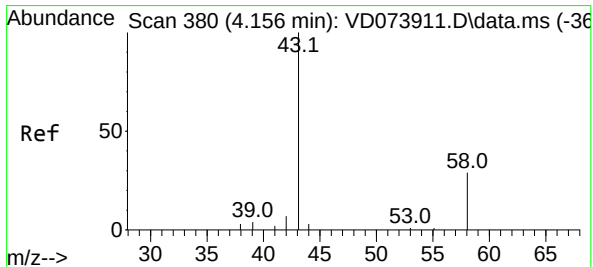
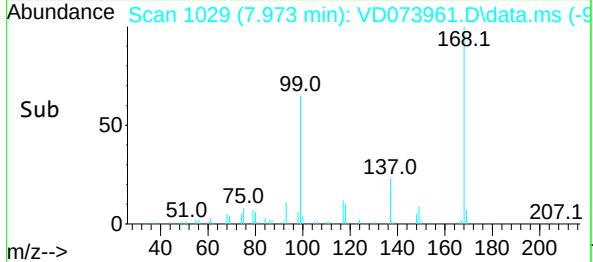
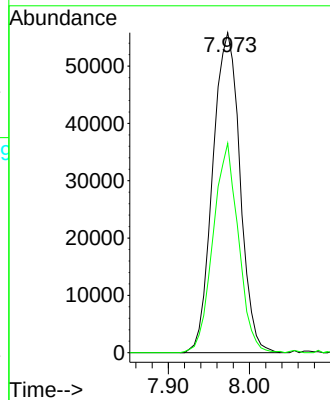
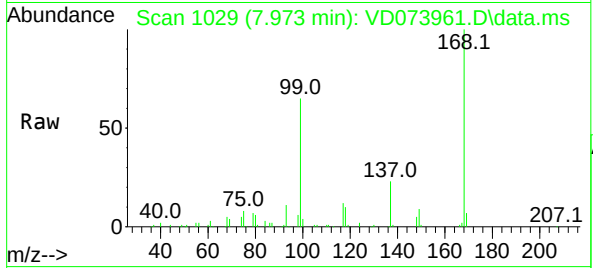




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073961.D
Acq: 04 Aug 2022 19:01

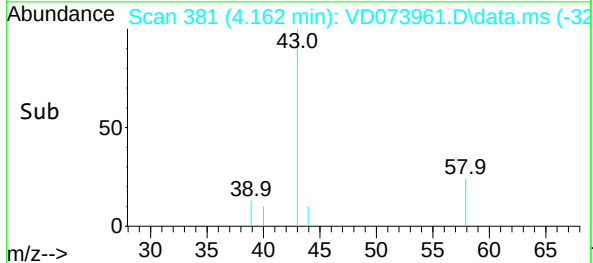
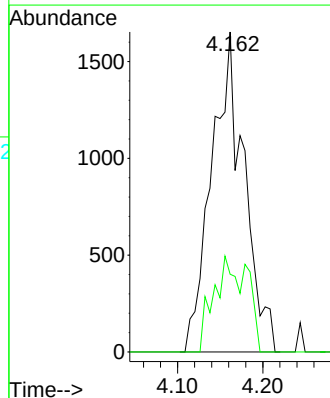
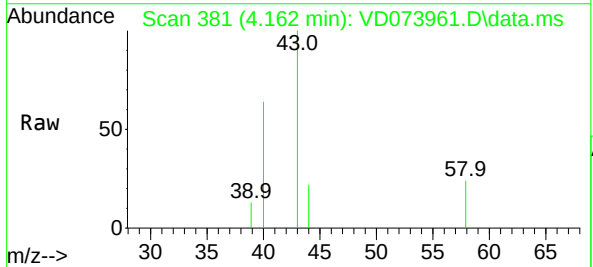
Instrument :
MSVOA_D
ClientSampleId :
DL-3(14.5-15)

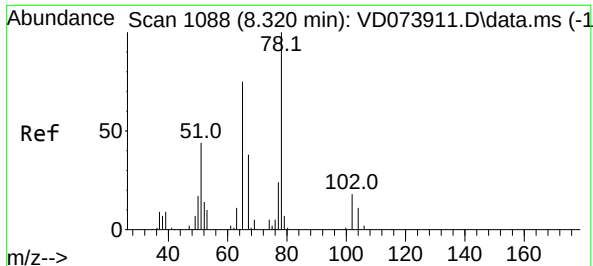
Tgt Ion:168 Resp: 130164
Ion Ratio Lower Upper
168 100
99 65.4 52.2 78.4



#16
Acetone
Concen: 25.216 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073961.D
Acq: 04 Aug 2022 19:01

Tgt Ion: 43 Resp: 4393
Ion Ratio Lower Upper
43 100
58 24.3 23.0 34.6





#33

1,2-Dichloroethane-d4

Concen: 57.276 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073961.D

Acq: 04 Aug 2022 19:01

Instrument :

MSVOA_D

ClientSampleId :

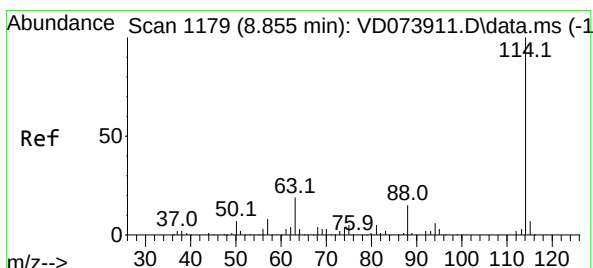
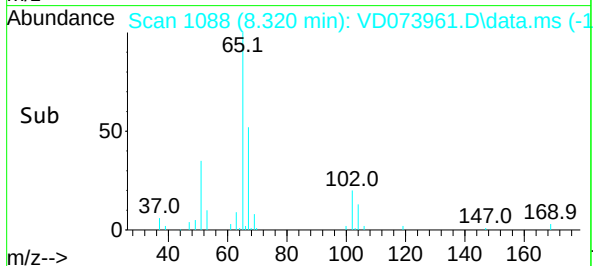
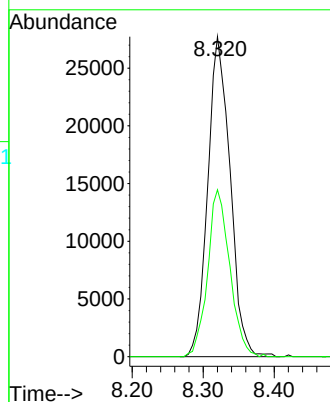
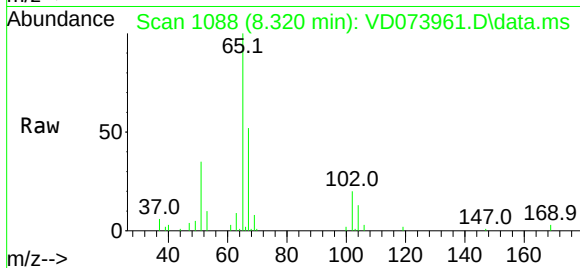
DL-3(14.5-15)

Tgt Ion: 65 Resp: 60618

Ion Ratio Lower Upper

65 100

67 51.7 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: VD073961.D

Acq: 04 Aug 2022 19:01

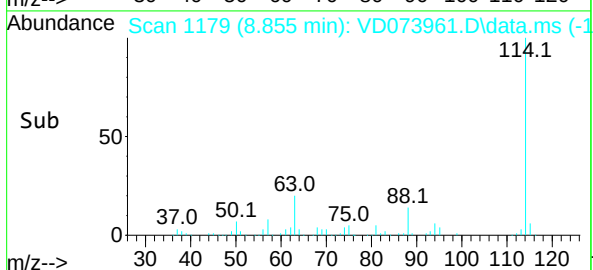
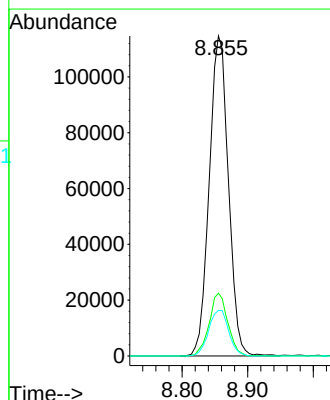
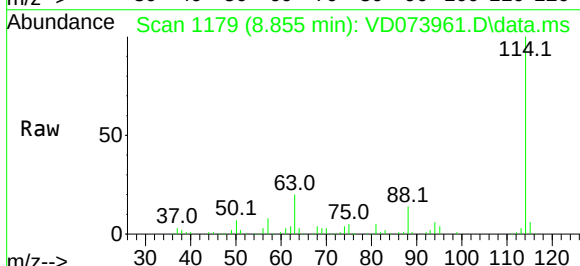
Tgt Ion: 114 Resp: 232671

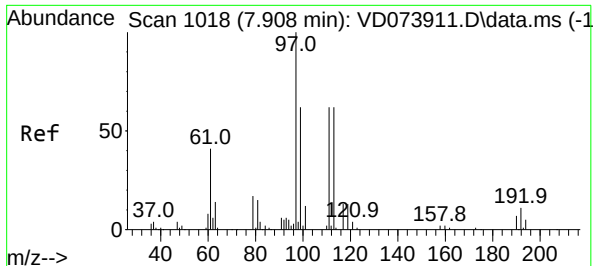
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.6

88 14.3 0.0 30.2

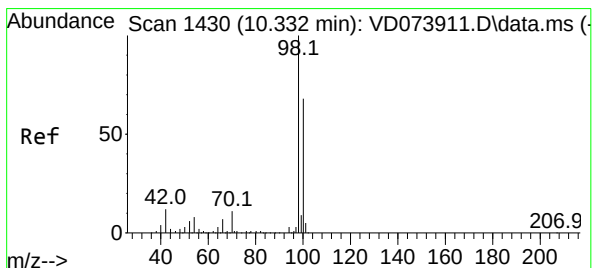
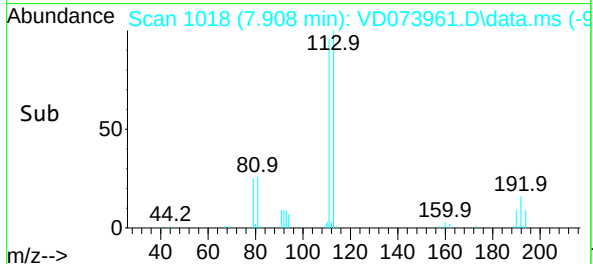
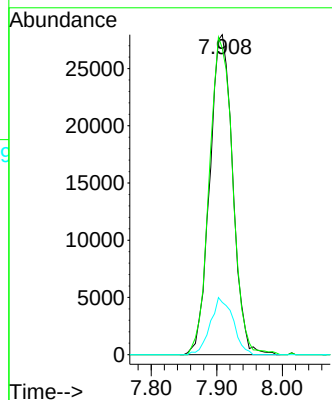
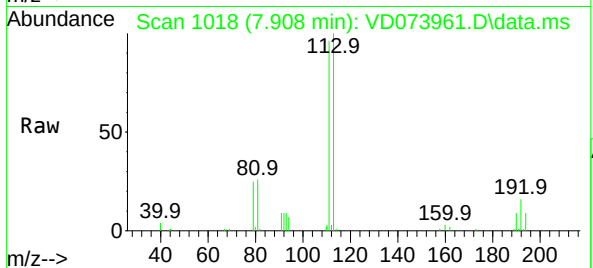




#35
Dibromofluoromethane
Concen: 47.131 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073961.D
Acq: 04 Aug 2022 19:01

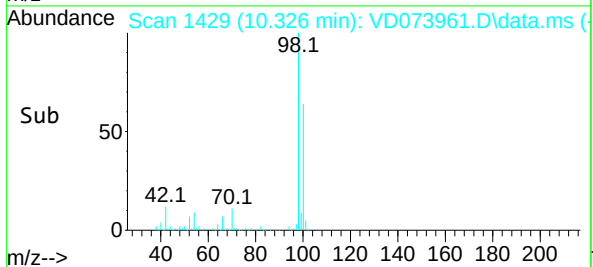
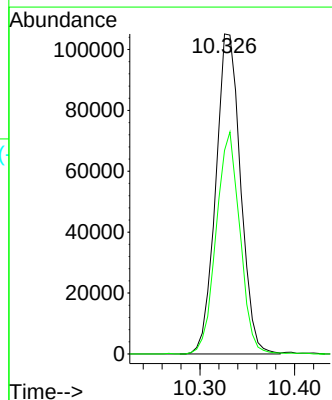
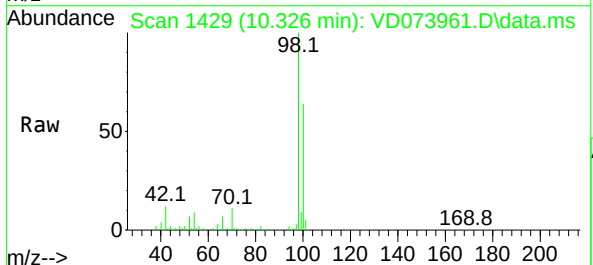
Instrument :
MSVOA_D
ClientSampleId :
DL-3(14.5-15)

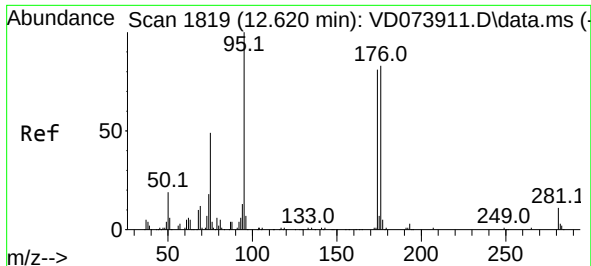
Tgt Ion:113 Resp: 68133
Ion Ratio Lower Upper
113 100
111 100.9 83.7 125.5
192 17.6 15.0 22.6



#50
Toluene-d8
Concen: 39.309 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VD073961.D
Acq: 04 Aug 2022 19:01

Tgt Ion: 98 Resp: 191415
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

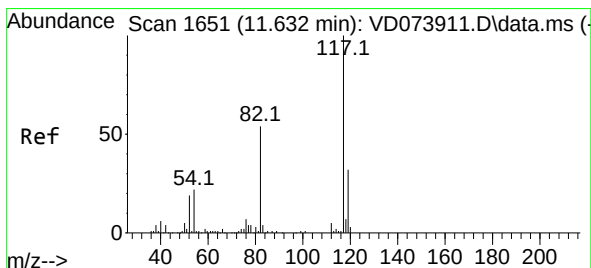
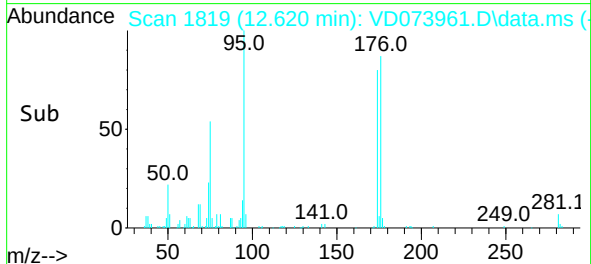
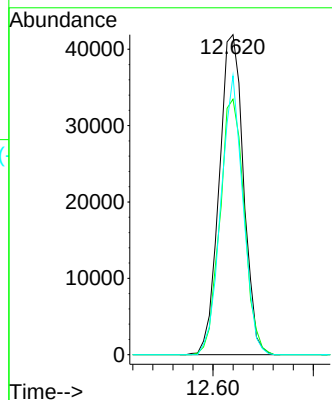
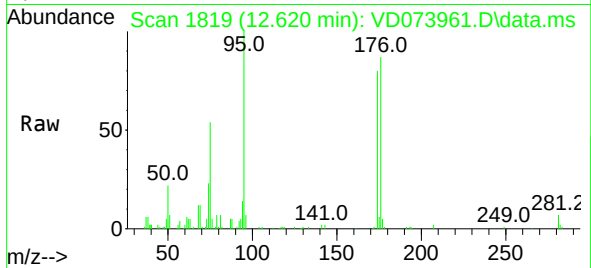




#62
4-Bromofluorobenzene
Concen: 39.337 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073961.D
Acq: 04 Aug 2022 19:01

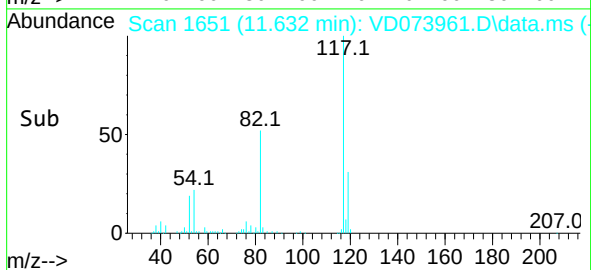
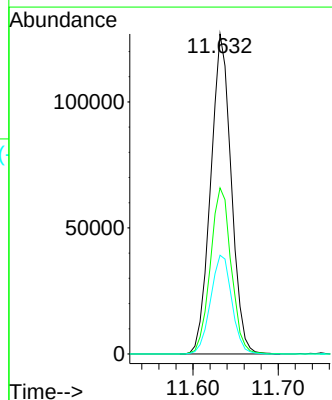
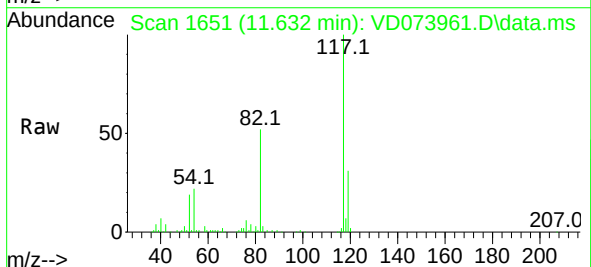
Instrument :
MSVOA_D
ClientSampleId :
DL-3(14.5-15)

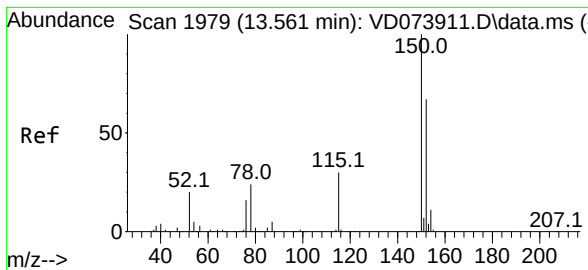
Tgt Ion: 95 Resp: 70442
Ion Ratio Lower Upper
95 100
174 79.9 0.0 164.2
176 79.1 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073961.D
Acq: 04 Aug 2022 19:01

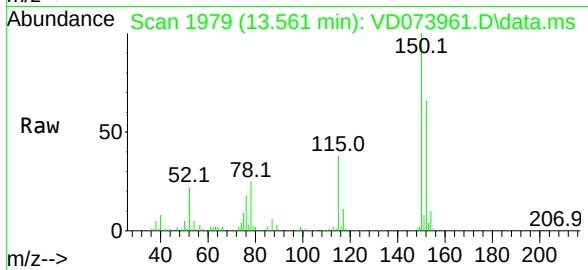
Tgt Ion: 117 Resp: 212316
Ion Ratio Lower Upper
117 100
82 51.9 43.3 64.9
119 30.9 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073961.D
 Acq: 04 Aug 2022 19:01

Instrument :
 MSVOA_D
 ClientSampleId :
 DL-3(14.5-15)



Tgt Ion:152 Resp: 93269
 Ion Ratio Lower Upper
 152 100
 115 60.5 29.1 87.3
 150 156.0 0.0 338.2

