

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070122\
 Data File : VD073768.D
 Acq On : 01 Jul 2022 17:07
 Operator : VA/SY
 Sample : N3562-05
 Misc : 6.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9A

Quant Time: Jul 05 05:09:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 04:59:39 2022
 Response via : Initial Calibration

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

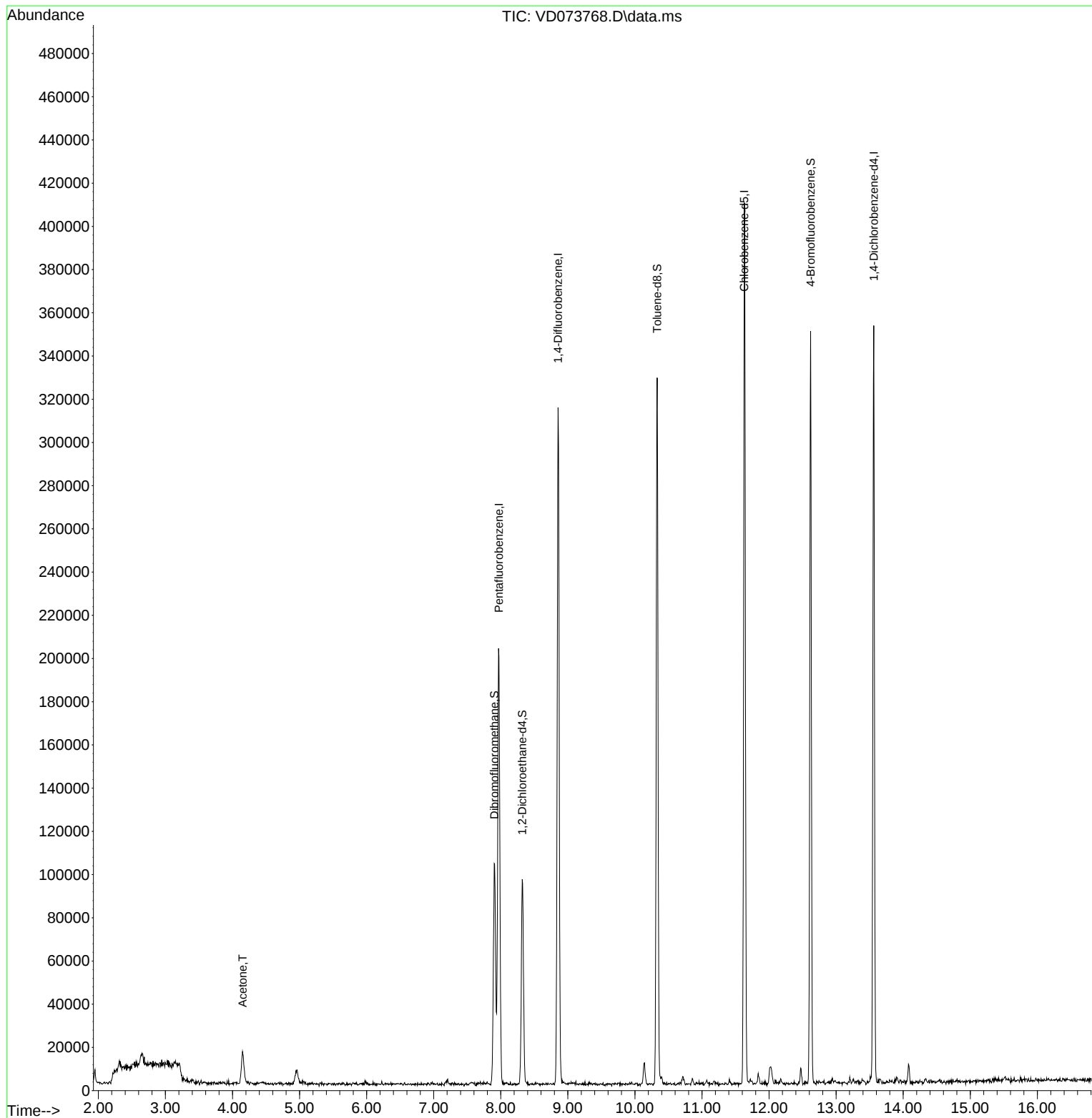
Internal Standards						
1) Pentafluorobenzene	7.973	168	138100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	264946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	229443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	83597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	73682	54.692	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.380%	
35) Dibromofluoromethane	7.902	113	73107	50.794	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.580%	
50) Toluene-d8	10.332	98	223368	42.307	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 84.620%	
62) 4-Bromofluorobenzene	12.620	95	86020	41.309	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.620%	
Target Compounds						Qvalue
16) Acetone	4.150	43	25501	90.979	ug/l	# 79

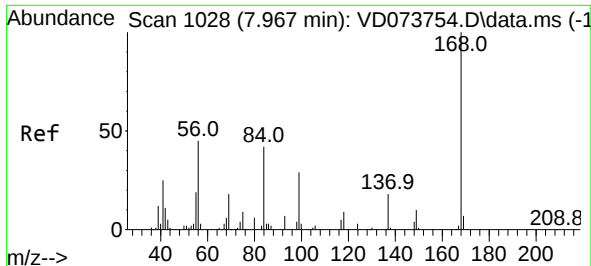
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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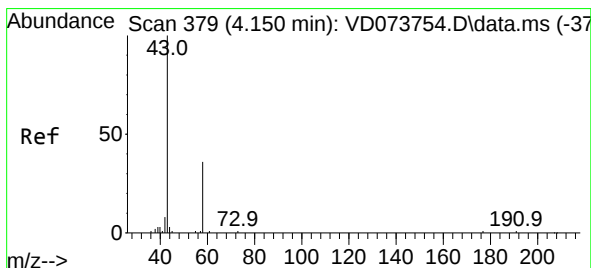
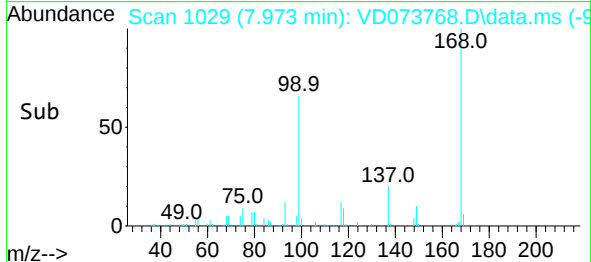
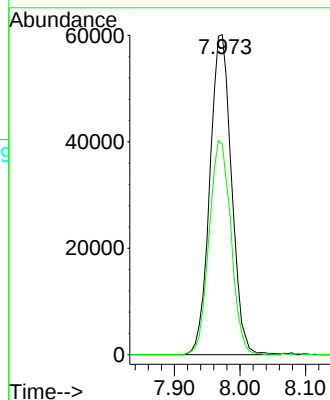
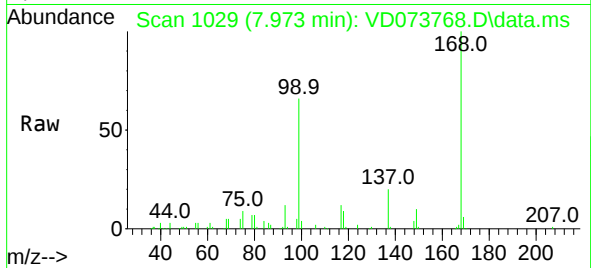




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073768.D
Acq: 01 Jul 2022 17:07

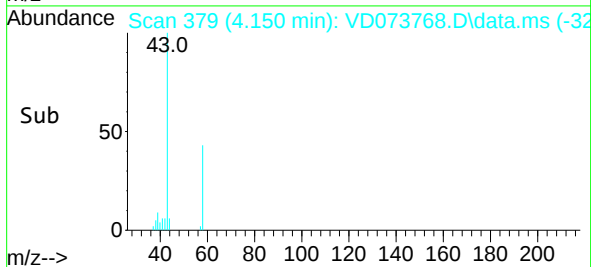
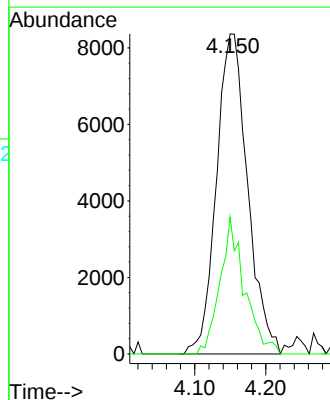
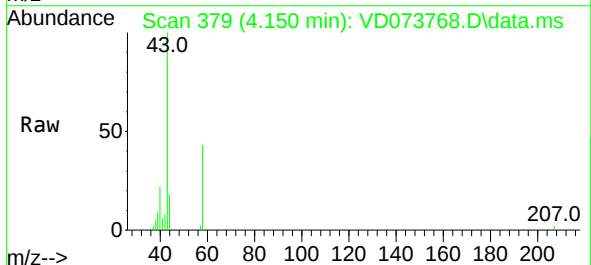
Instrument :
MSVOA_D
ClientSampleId :
SB-9A

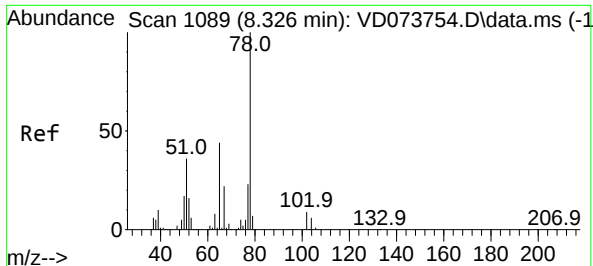
Tgt Ion:168 Resp: 138100
Ion Ratio Lower Upper
168 100
99 65.8 46.4 69.6



#16
Acetone
Concen: 90.979 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073768.D
Acq: 01 Jul 2022 17:07

Tgt Ion: 43 Resp: 25501
Ion Ratio Lower Upper
43 100
58 42.9 25.2 37.8#





#33

1,2-Dichloroethane-d4

Concen: 54.692 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073768.D

Acq: 01 Jul 2022 17:07

Instrument :

MSVOA_D

ClientSampleId :

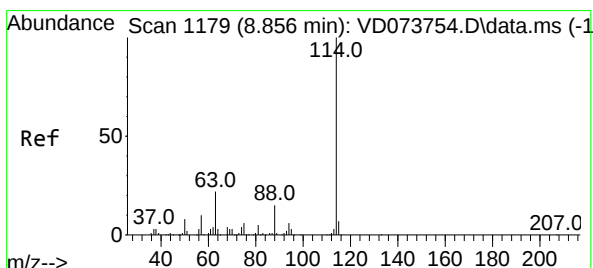
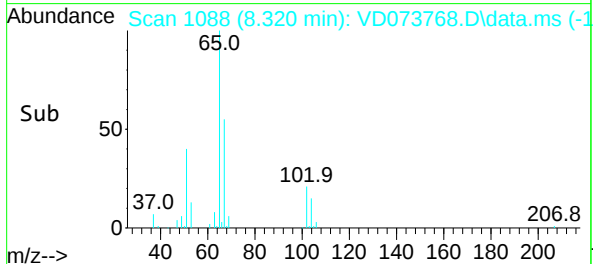
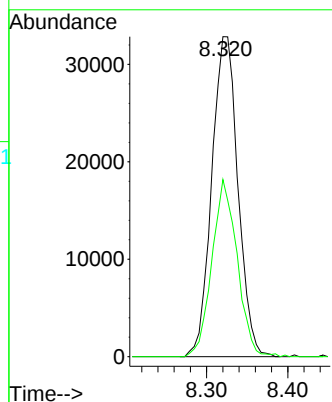
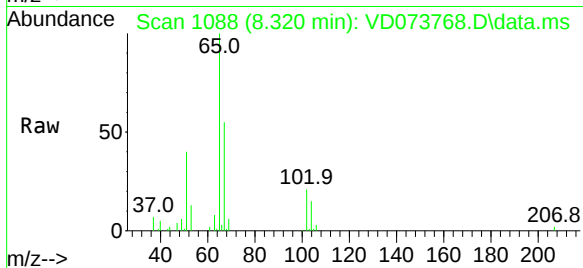
SB-9A

Tgt Ion: 65 Resp: 73682

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073768.D

Acq: 01 Jul 2022 17:07

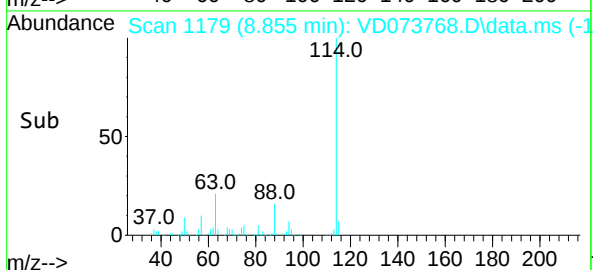
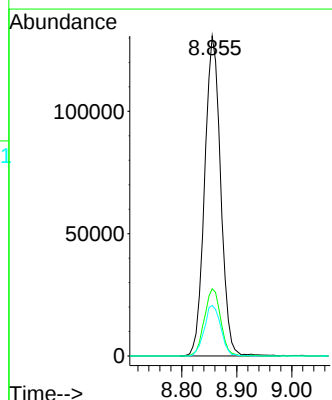
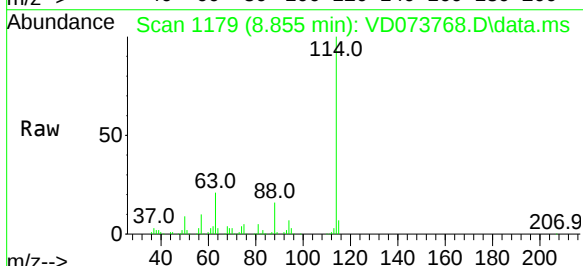
Tgt Ion: 114 Resp: 264946

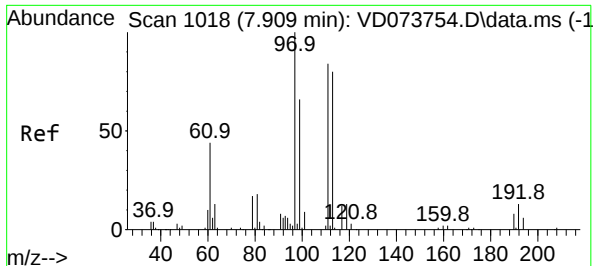
Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.2

88 15.8 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.794 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073768.D

Acq: 01 Jul 2022 17:07

Instrument :

MSVOA_D

ClientSampleId :

SB-9A

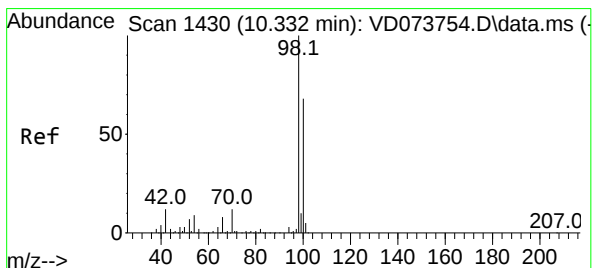
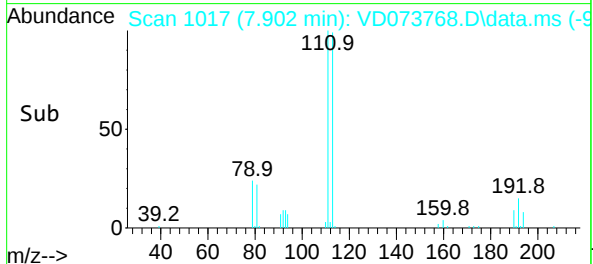
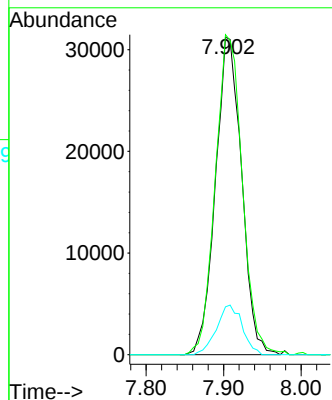
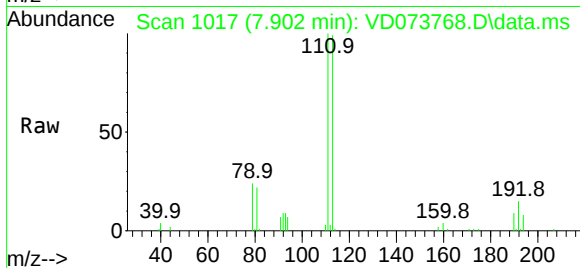
Tgt Ion:113 Resp: 73107

Ion Ratio Lower Upper

113 100

111 104.0 81.8 122.6

192 15.4 14.8 22.2



#50

Toluene-d8

Concen: 42.307 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073768.D

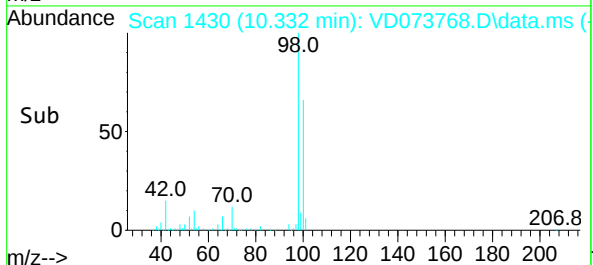
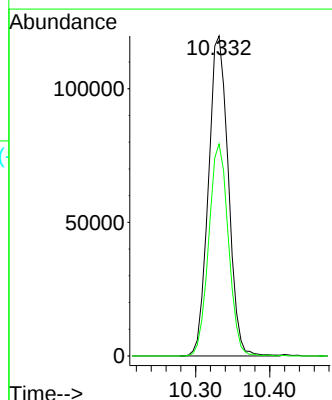
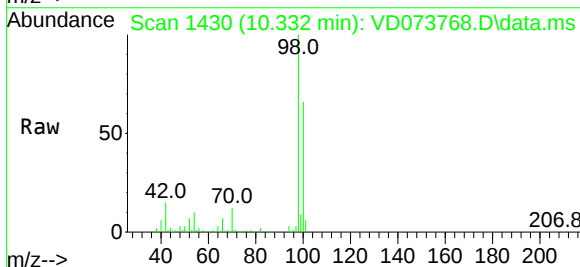
Acq: 01 Jul 2022 17:07

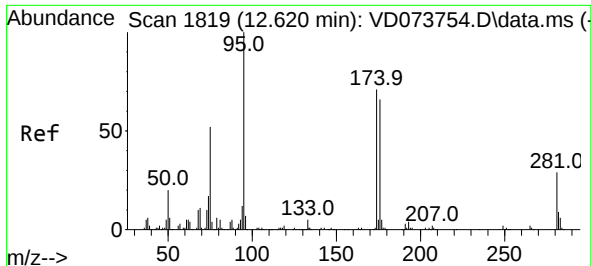
Tgt Ion: 98 Resp: 223368

Ion Ratio Lower Upper

98 100

100 65.4 54.0 81.0

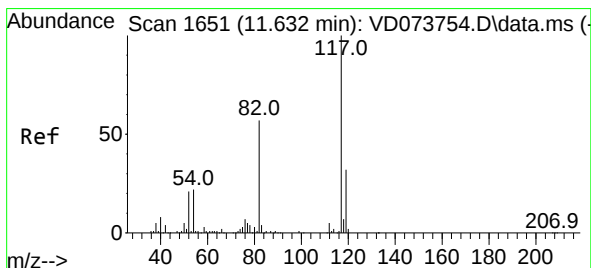
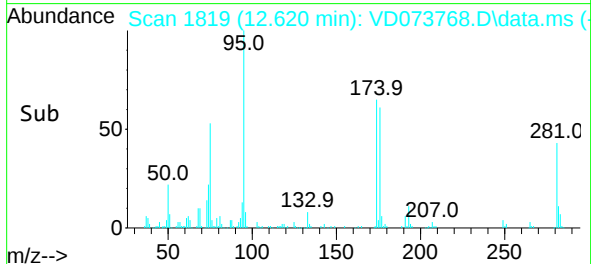
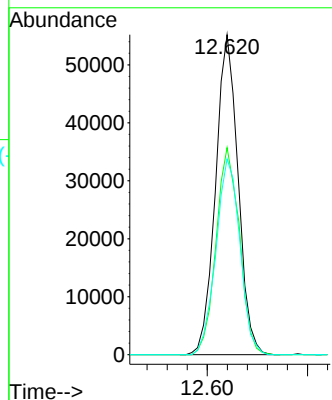
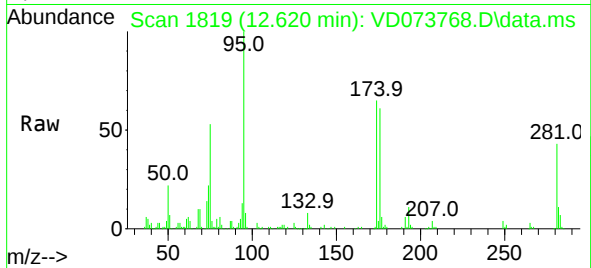




#62
4-Bromofluorobenzene
Concen: 41.309 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073768.D
Acq: 01 Jul 2022 17:07

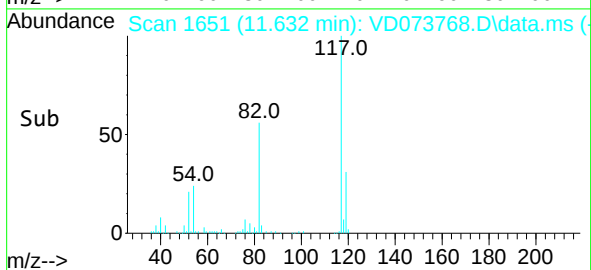
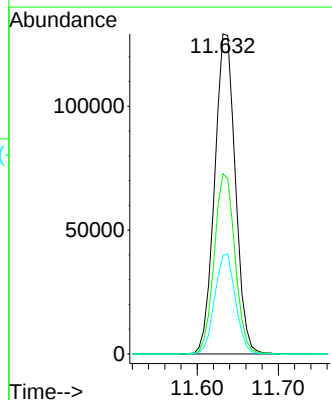
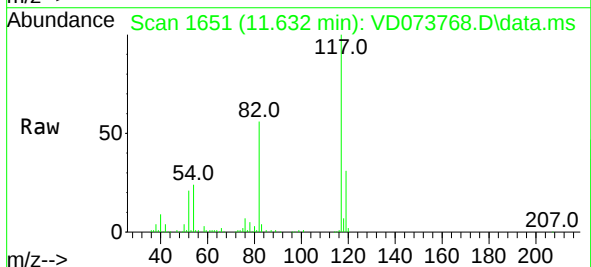
Instrument :
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ClientSampleId :
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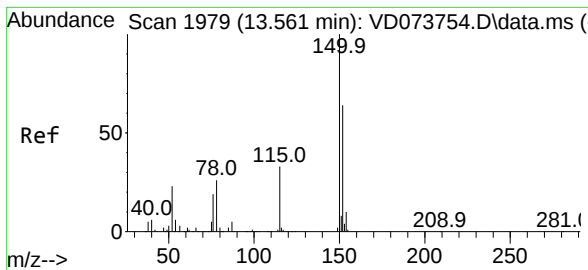
Tgt Ion: 95 Resp: 86020
Ion Ratio Lower Upper
95 100
174 67.0 0.0 158.4
176 65.0 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073768.D
Acq: 01 Jul 2022 17:07

Tgt Ion: 117 Resp: 229443
Ion Ratio Lower Upper
117 100
82 56.4 41.5 62.3
119 30.7 27.1 40.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073768.D
 Acq: 01 Jul 2022 17:07

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9A

Tgt Ion:152 Resp: 83597
 Ion Ratio Lower Upper
 152 100
 115 64.0 30.6 91.6
 150 158.8 0.0 355.0

