

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073710.D
 Acq On : 25 Jun 2022 15:31
 Operator : VA/SY
 Sample : N3454-10
 Misc : 6.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1B-GR

Quant Time: Jun 27 09:38:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

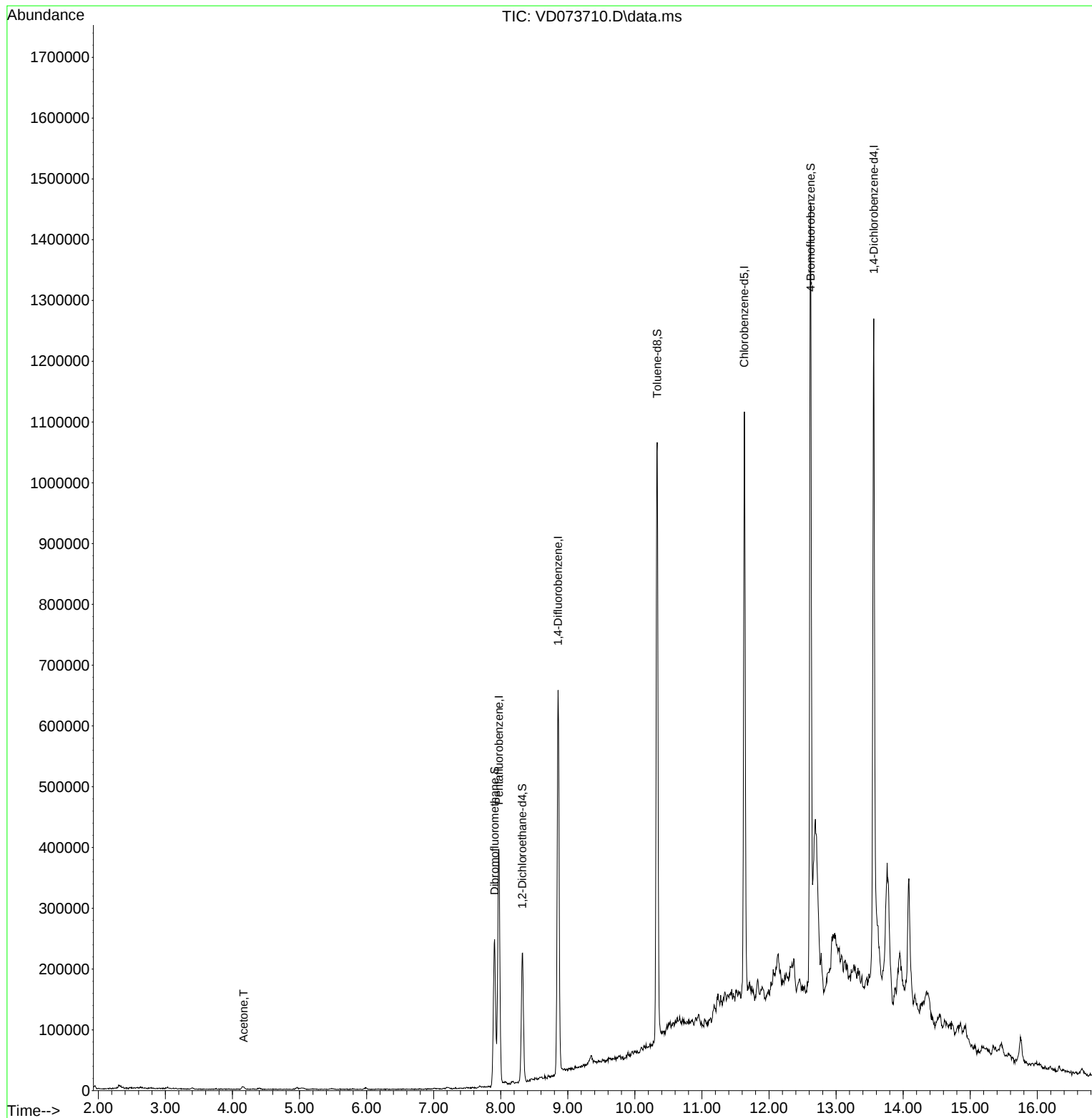
Internal Standards						
1) Pentafluorobenzene	7.973	168	286953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	555412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	565808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	283386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	173593	49.254	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.500%
35) Dibromofluoromethane	7.909	113	174911	40.426	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.860%
50) Toluene-d8	10.332	98	701681	45.168	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.340%
62) 4-Bromofluorobenzene	12.620	95	292174	50.145	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.280%
Target Compounds						
16) Acetone	4.168	43	8091	6.962	ug/l	Qvalue 96

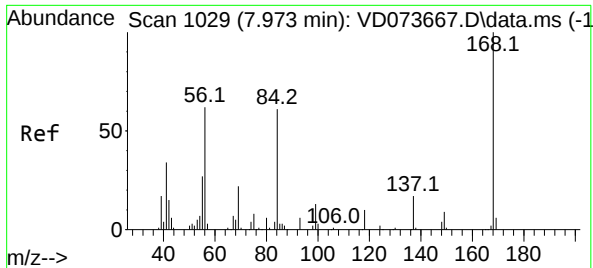
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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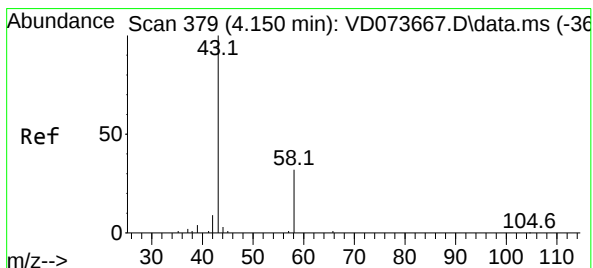
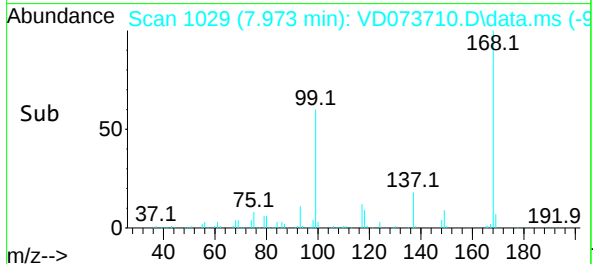
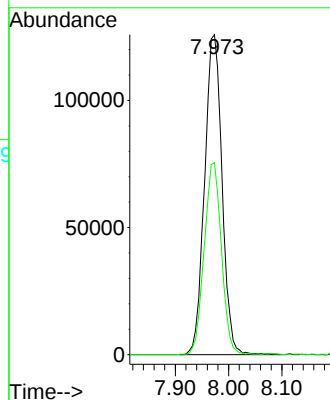
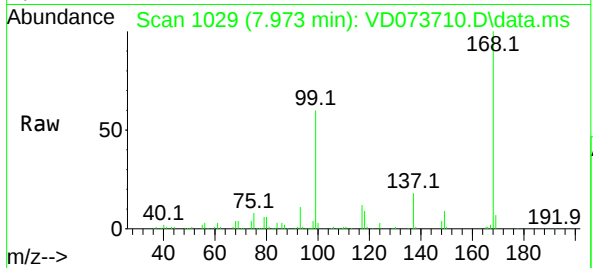




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073710.D
Acq: 25 Jun 2022 15:31

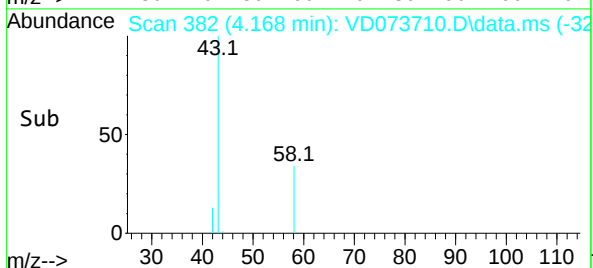
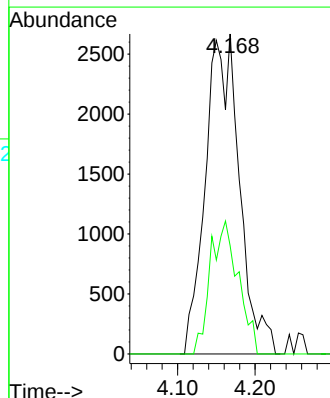
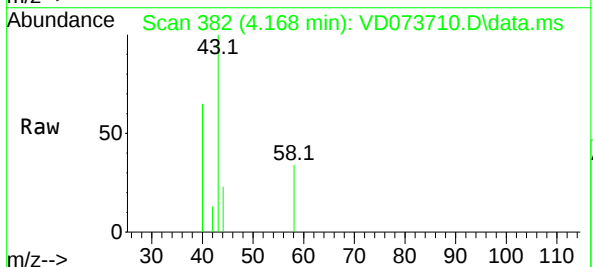
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1B-GR

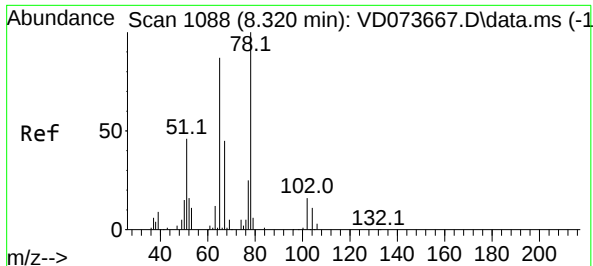
Tgt Ion:168 Resp: 286953
Ion Ratio Lower Upper
168 100
99 59.9 46.4 69.6



#16
Acetone
Concen: 6.962 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.018 min
Lab File: VD073710.D
Acq: 25 Jun 2022 15:31

Tgt Ion: 43 Resp: 8091
Ion Ratio Lower Upper
43 100
58 33.8 25.2 37.8





#33

1,2-Dichloroethane-d4

Concen: 49.254 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073710.D

Acq: 25 Jun 2022 15:31

Instrument :

MSVOA_D

ClientSampleId :

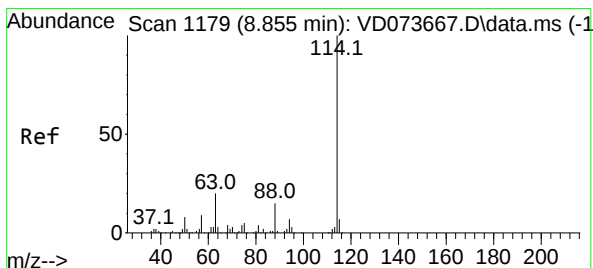
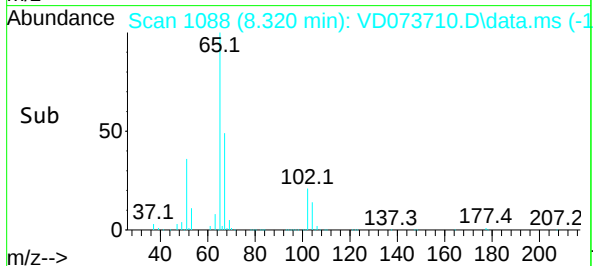
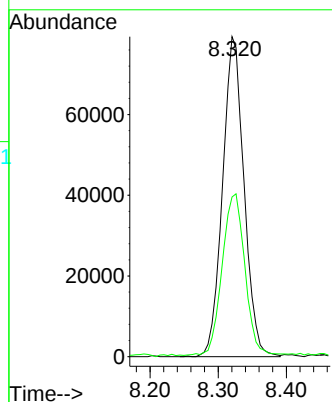
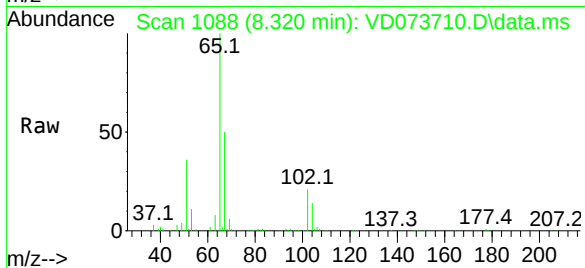
WC-14A-1B-GR

Tgt Ion: 65 Resp: 173593

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073710.D

Acq: 25 Jun 2022 15:31

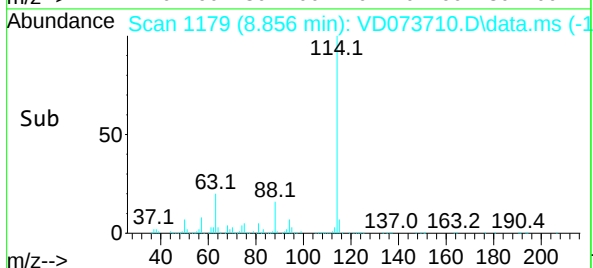
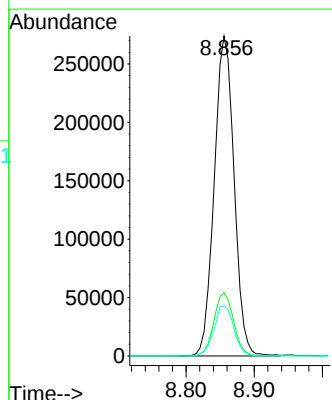
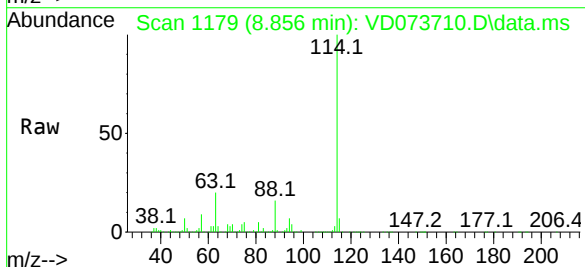
Tgt Ion: 114 Resp: 555412

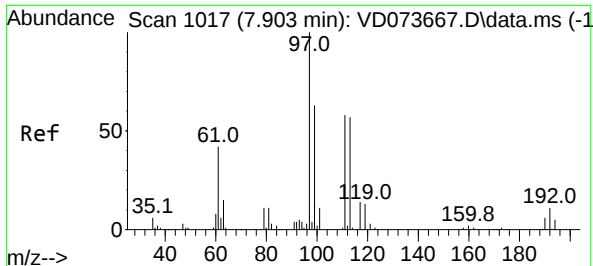
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

88 15.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 40.426 ug/l

RT: 7.909 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD073710.D

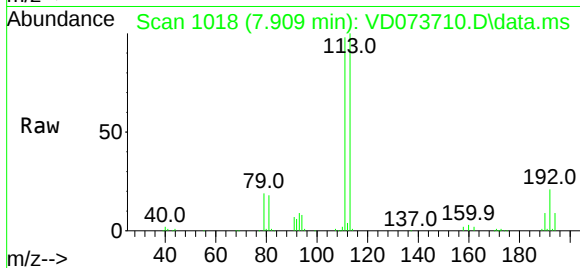
Acq: 25 Jun 2022 15:31

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1B-GR



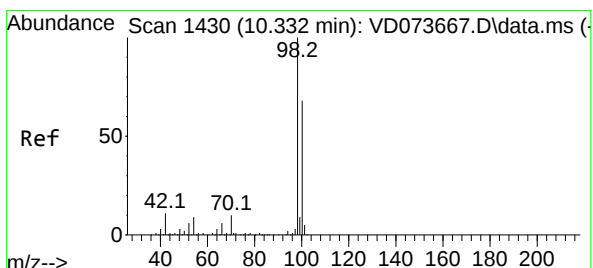
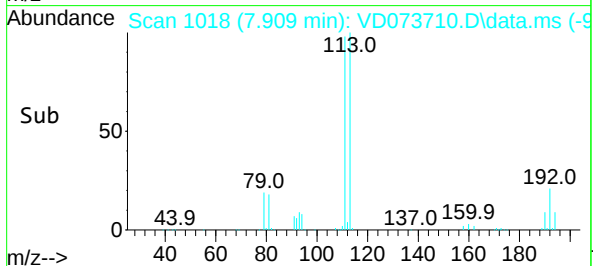
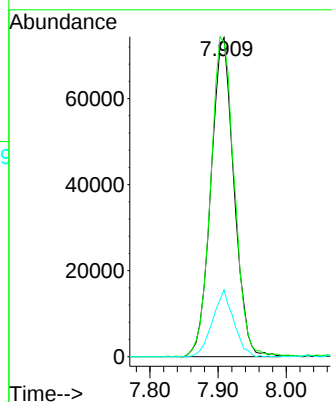
Tgt Ion:113 Resp: 174911

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.6

192 19.2 14.8 22.2



#50

Toluene-d8

Concen: 45.168 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073710.D

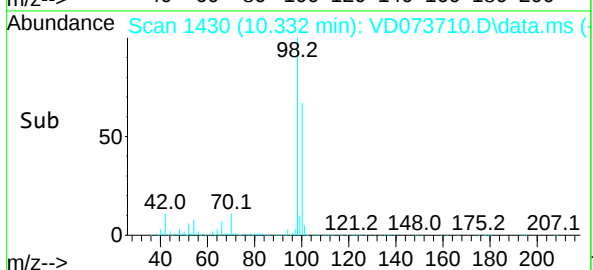
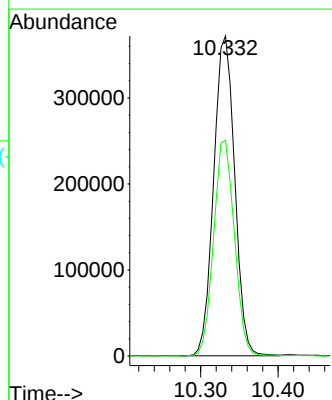
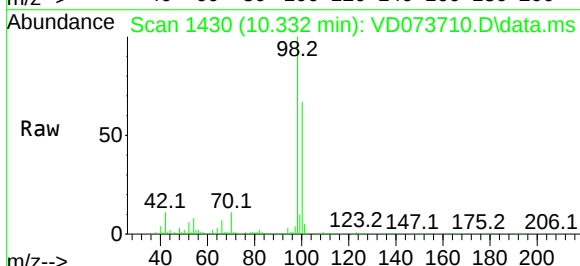
Acq: 25 Jun 2022 15:31

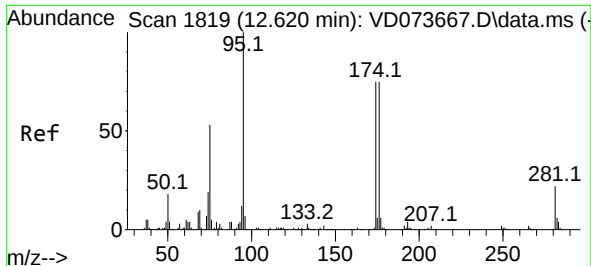
Tgt Ion: 98 Resp: 701681

Ion Ratio Lower Upper

98 100

100 67.1 54.0 81.0

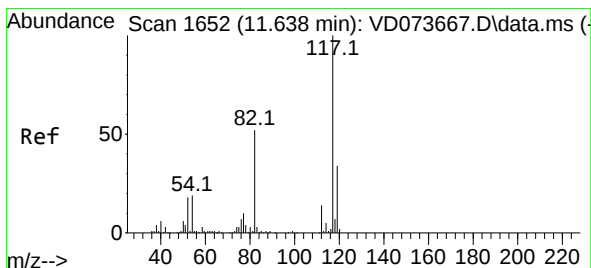
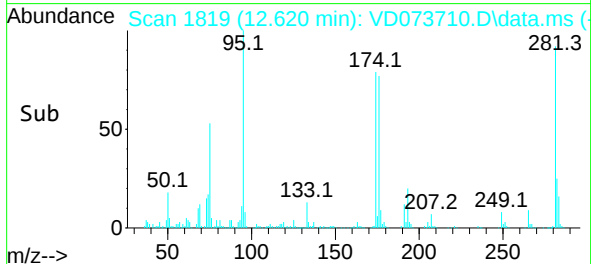
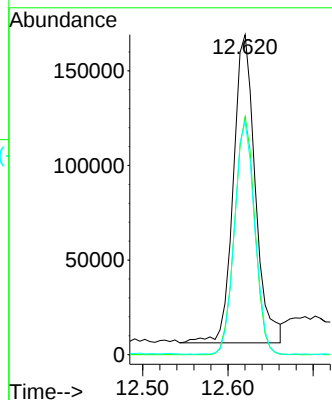
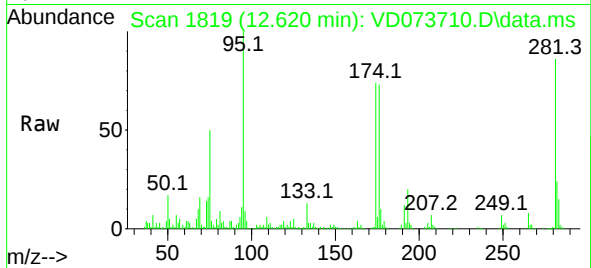




#62
4-Bromofluorobenzene
Concen: 50.145 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073710.D
Acq: 25 Jun 2022 15:31

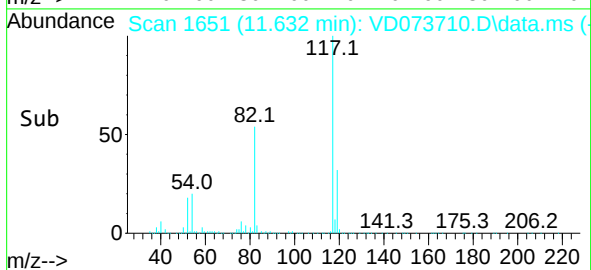
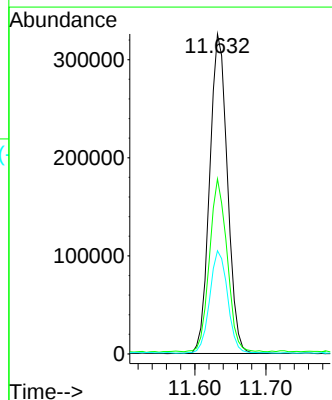
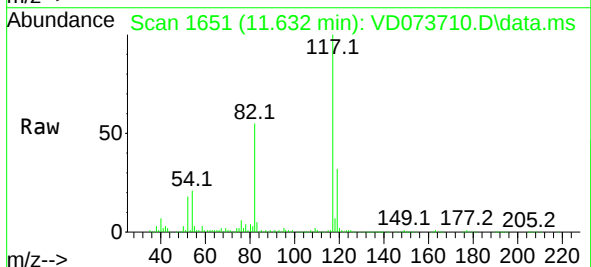
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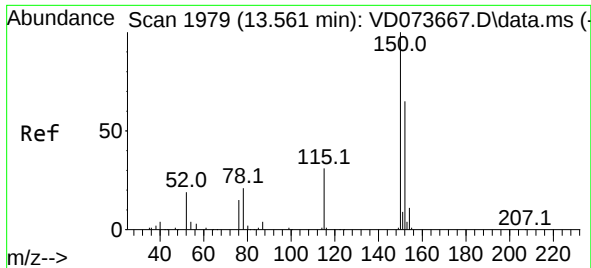
Tgt Ion: 95 Resp: 292174
Ion Ratio Lower Upper
95 100
174 70.8 0.0 158.4
176 69.6 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073710.D
Acq: 25 Jun 2022 15:31

Tgt Ion: 117 Resp: 565808
Ion Ratio Lower Upper
117 100
82 53.9 41.5 62.3
119 32.0 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: VD073710.D
 Acq: 25 Jun 2022 15:31

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1B-GR

Tgt Ion:152 Resp: 283386
 Ion Ratio Lower Upper
 152 100
 115 58.0 30.6 91.6
 150 151.6 0.0 355.0

