

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
 Data File : VD075103.D
 Acq On : 10 Jan 2023 13:34
 Operator : KP/SY
 Sample : 01080-04
 Misc : 6.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-3-(10-12)

Quant Time: Jan 11 01:49:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

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

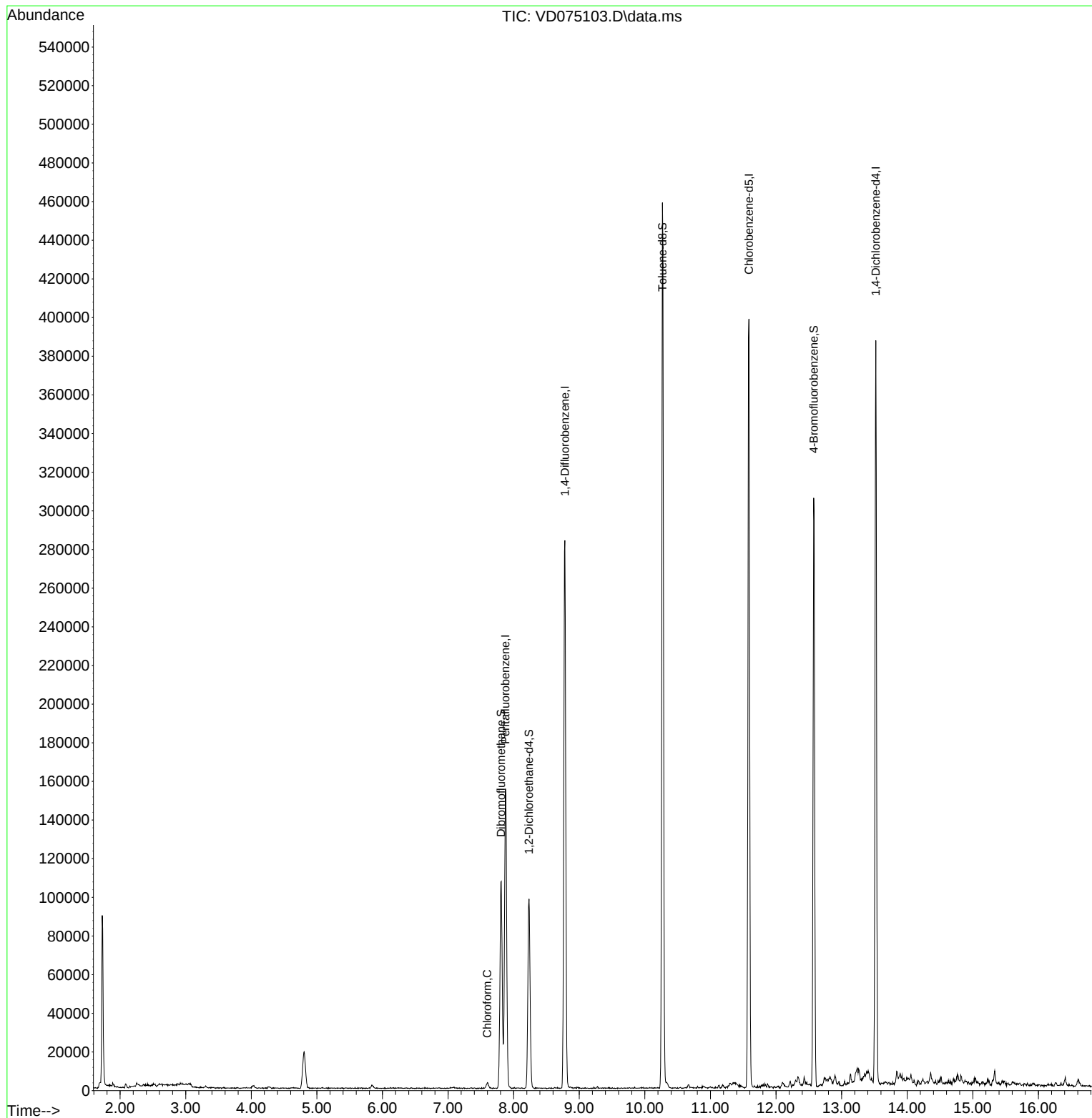
Internal Standards						
1) Pentafluorobenzene	7.875	168	118541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	255178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	233146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	95865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	76474	64.348	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.700%
35) Dibromofluoromethane	7.810	113	79560	49.566	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.140%
50) Toluene-d8	10.269	98	314456	49.408	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.820%
62) 4-Bromofluorobenzene	12.575	95	103683	50.755	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.500%
Target Compounds						
30) Chloroform	7.598	83	2781	1.239	ug/l	Qvalue 84

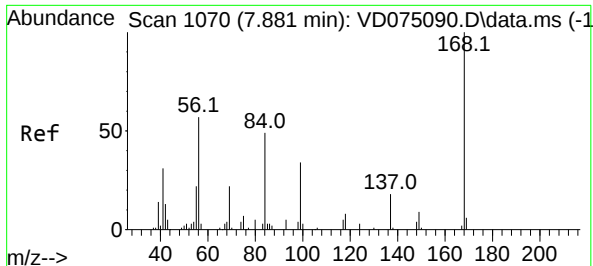
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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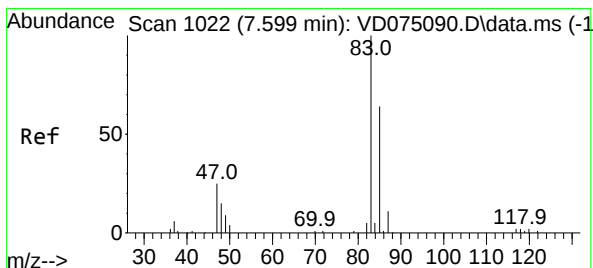
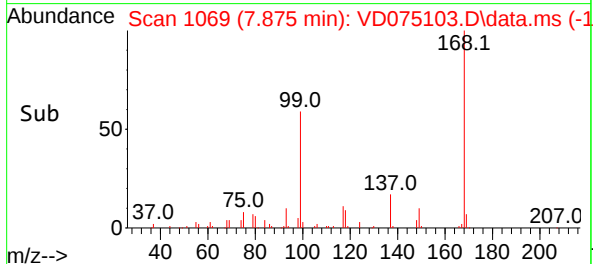
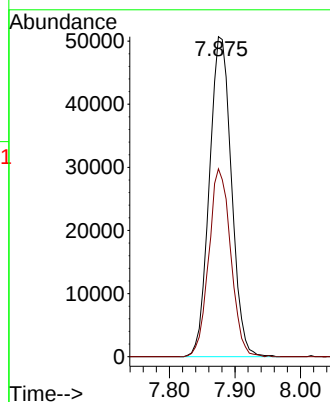
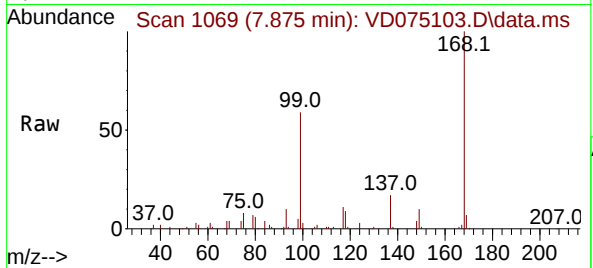




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075103.D
Acq: 10 Jan 2023 13:34

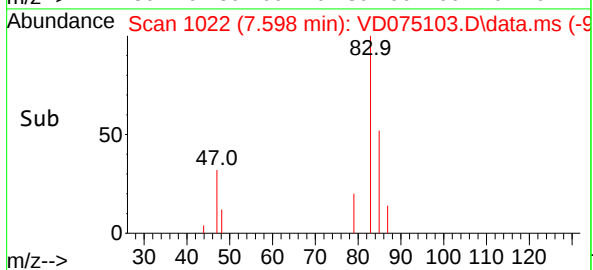
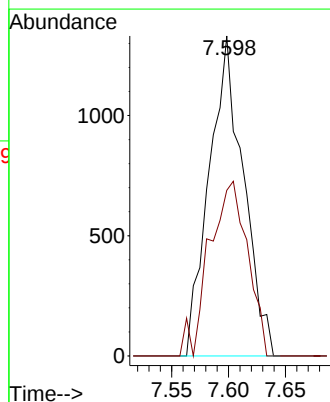
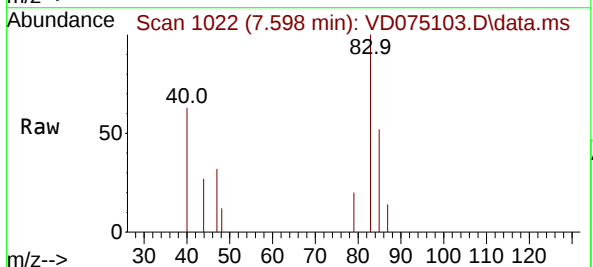
Instrument :
MSVOA_D
ClientSampleId :
B-3-(10-12)

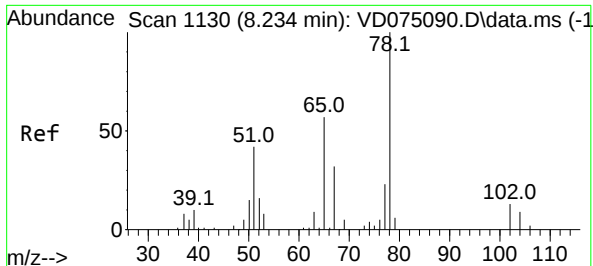
Tgt Ion:168 Resp: 118541
Ion Ratio Lower Upper
168 100
99 58.7 43.2 64.8



#30
Chloroform
Concen: 1.239 ug/l
RT: 7.598 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD075103.D
Acq: 10 Jan 2023 13:34

Tgt Ion: 83 Resp: 2781
Ion Ratio Lower Upper
83 100
85 51.8 51.3 76.9





#33

1,2-Dichloroethane-d4

Concen: 64.348 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075103.D

Acq: 10 Jan 2023 13:34

Instrument :

MSVOA_D

ClientSampleId :

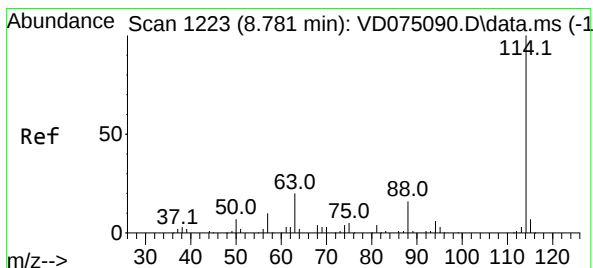
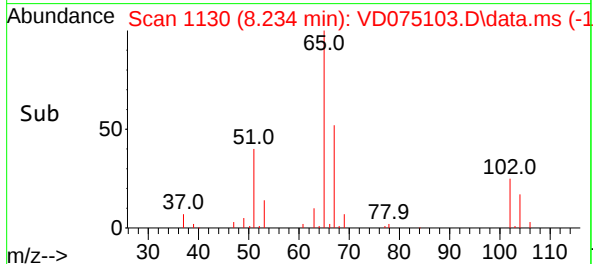
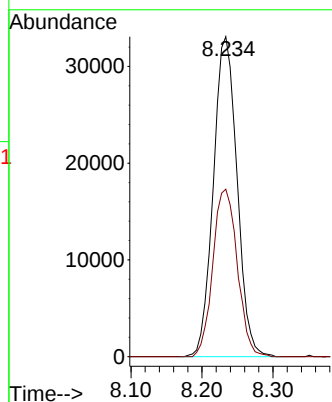
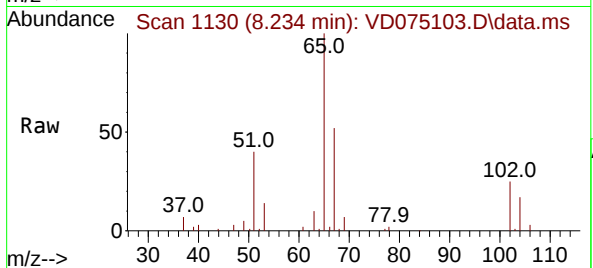
B-3-(10-12)

Tgt Ion: 65 Resp: 76474

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075103.D

Acq: 10 Jan 2023 13:34

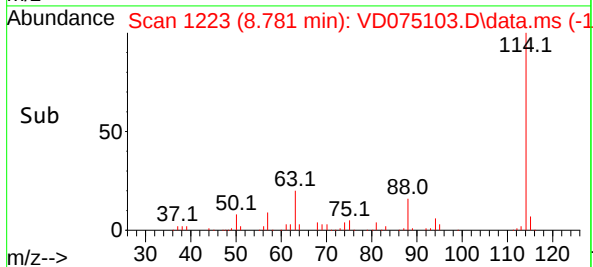
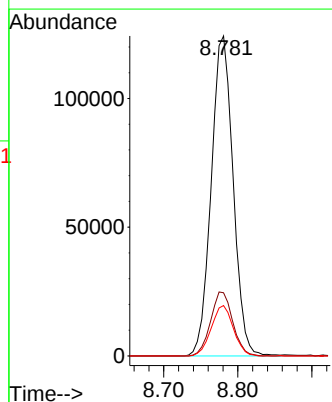
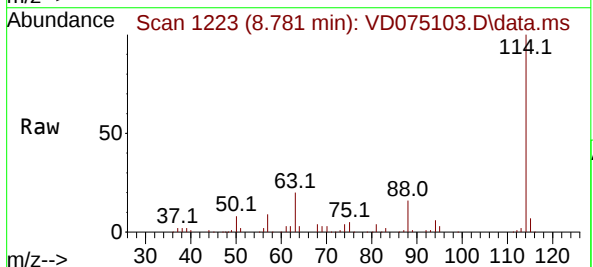
Tgt Ion: 114 Resp: 255178

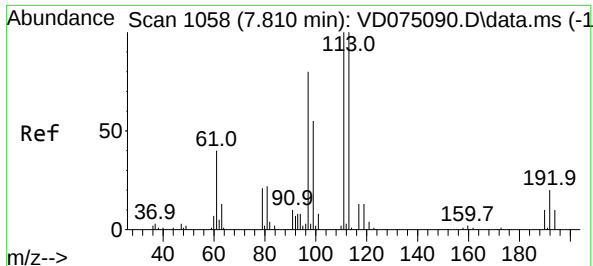
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.566 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075103.D

Acq: 10 Jan 2023 13:34

Instrument :

MSVOA_D

ClientSampleId :

B-3-(10-12)

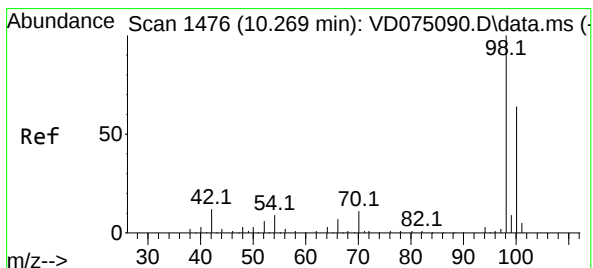
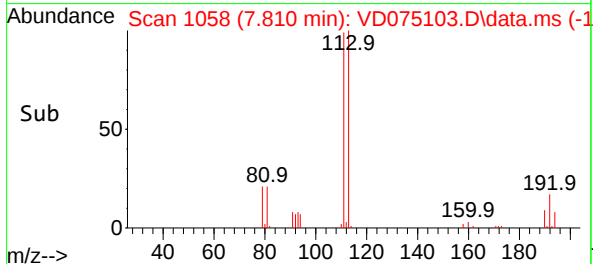
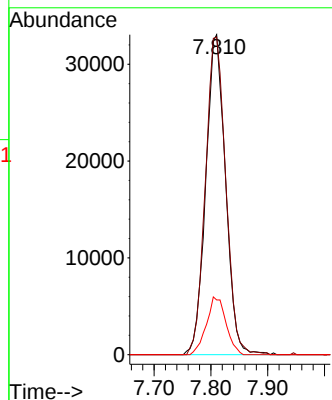
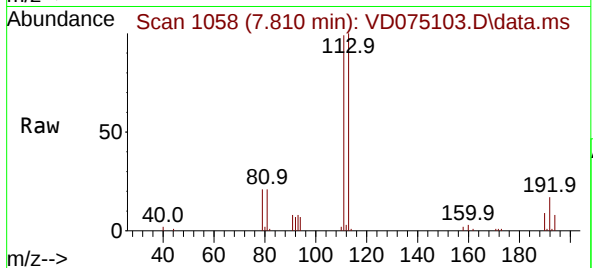
Tgt Ion:113 Resp: 79560

Ion Ratio Lower Upper

113 100

111 102.5 83.2 124.8

192 17.9 15.0 22.6



#50

Toluene-d8

Concen: 49.408 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075103.D

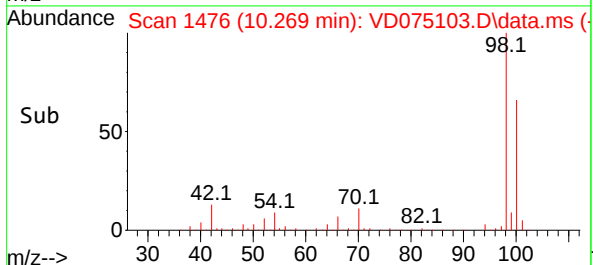
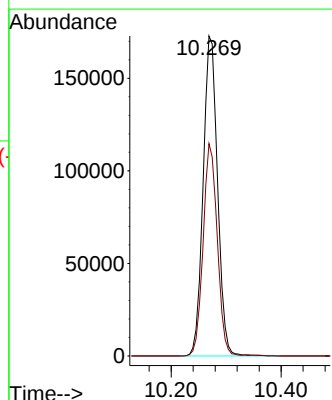
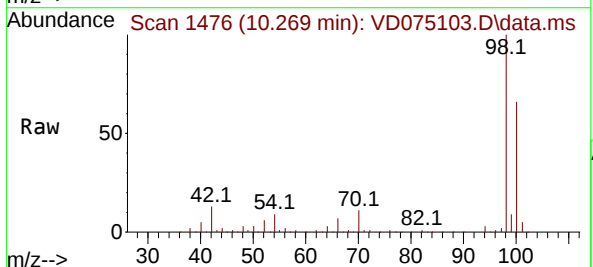
Acq: 10 Jan 2023 13:34

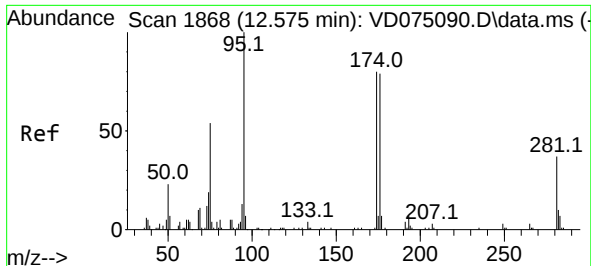
Tgt Ion: 98 Resp: 314456

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6

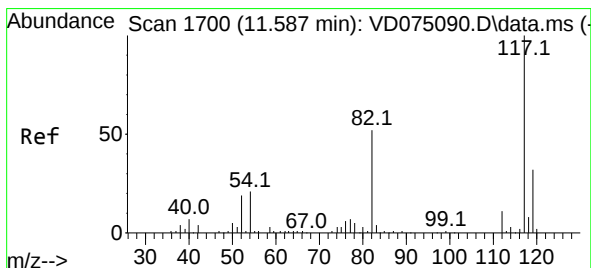
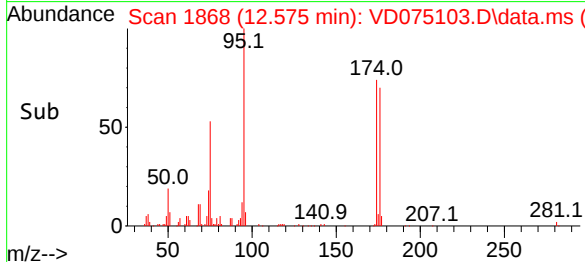
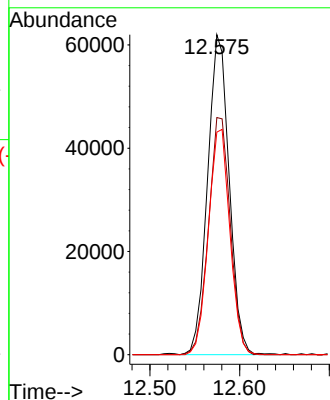
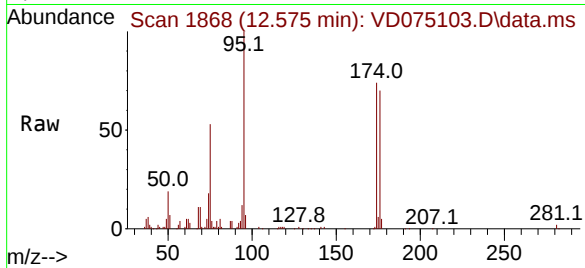




#62
4-Bromofluorobenzene
Concen: 50.755 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075103.D
Acq: 10 Jan 2023 13:34

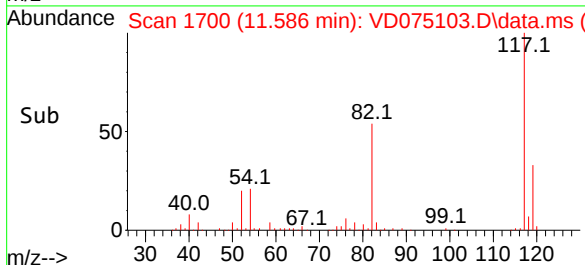
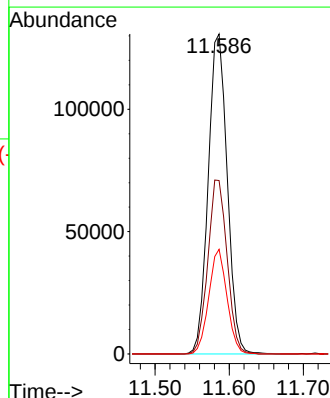
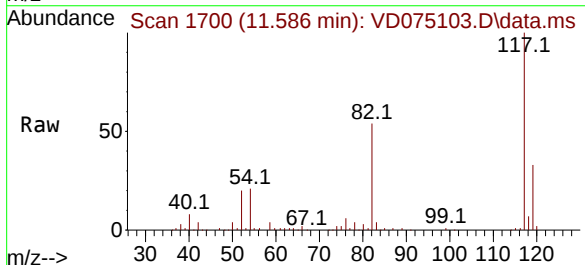
Instrument :
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ClientSampleId :
B-3-(10-12)

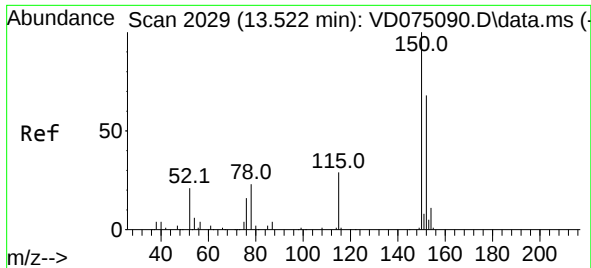
Tgt Ion: 95 Resp: 103683
Ion Ratio Lower Upper
95 100
174 74.7 0.0 168.4
176 70.0 0.0 163.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075103.D
Acq: 10 Jan 2023 13:34

Tgt Ion: 117 Resp: 233146
Ion Ratio Lower Upper
117 100
82 54.2 41.3 61.9
119 32.7 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD075103.D

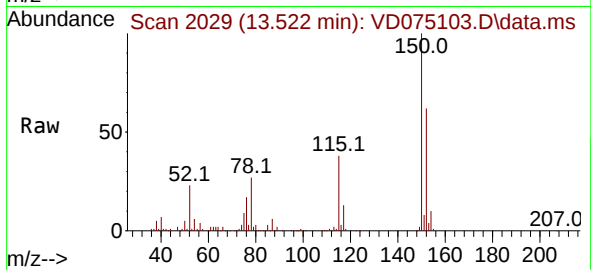
Acq: 10 Jan 2023 13:34

Instrument :

MSVOA_D

ClientSampleId :

B-3-(10-12)



Tgt Ion:152 Resp: 95865

Ion Ratio Lower Upper

152 100

115 62.1 28.7 86.1

150 161.6 0.0 343.2

