

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD072999.D
 Acq On : 13 May 2022 19:48
 Operator : VA/SY
 Sample : N2816-07
 Misc : 6.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: May 16 05:16:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	92	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.856	114	530	50.000	ug/l	0.00
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.64
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.56
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.461	65	55	46.055	ug/l	0.14
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.100%
35) Dibromofluoromethane	7.920	113	72	19.343	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.680%#
50) Toluene-d8	10.326	98	232	17.376	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	34.760%#
62) 4-Bromofluorobenzene	12.791	95	59	11.851	ug/l	0.17
Spiked Amount	50.000	Range	25 - 144	Recovery	=	23.700%#

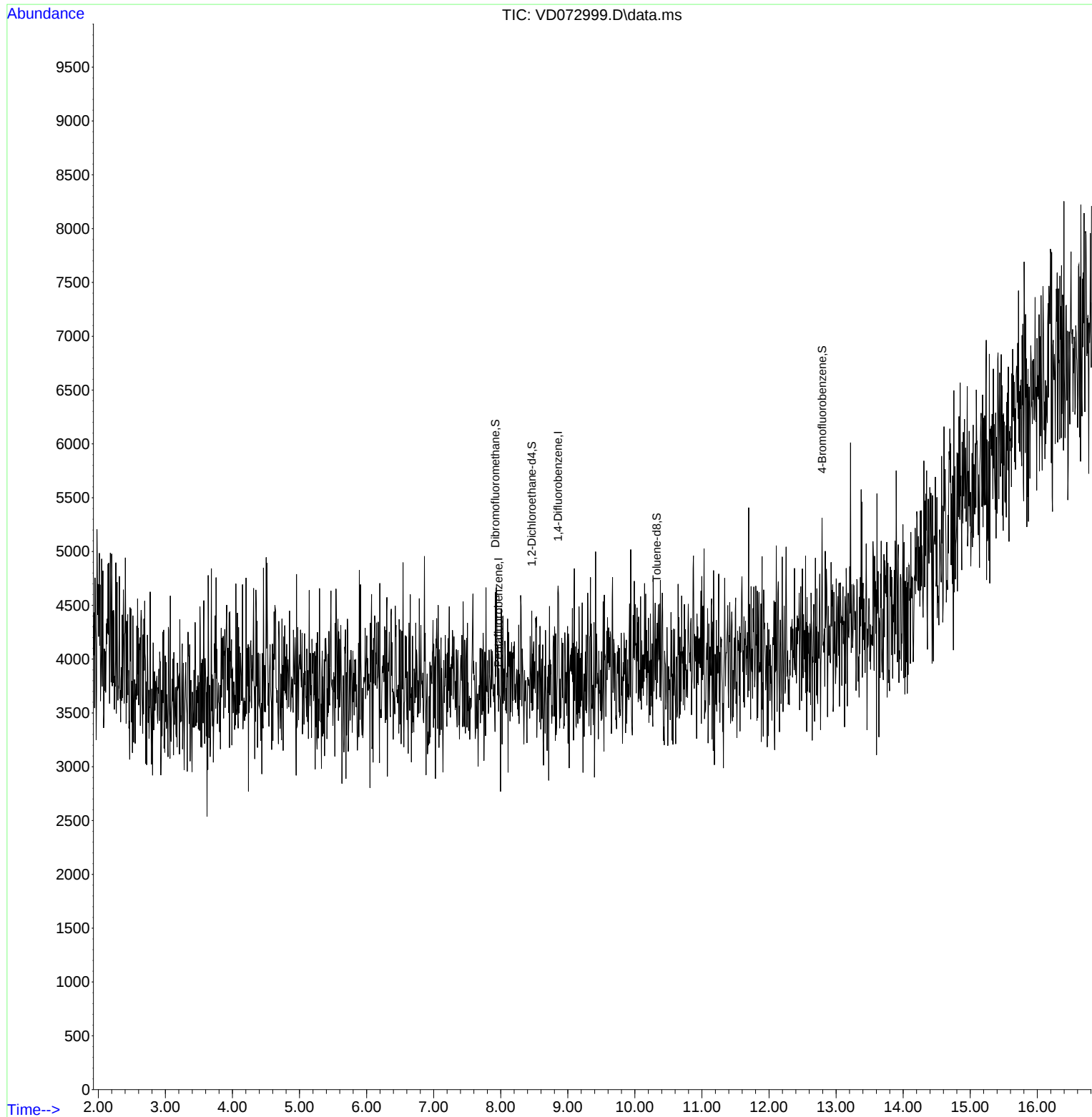
Target Compounds	Qvalue

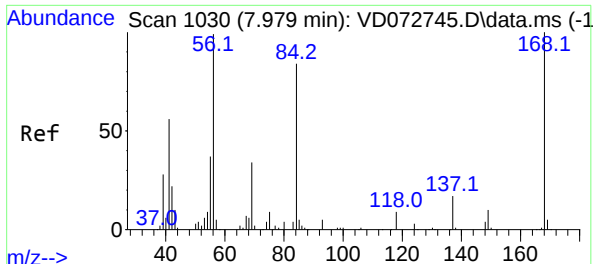
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.967 min Scan# 110

Delta R.T. -0.012 min

Lab File: VD072999.D

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MSVOA_D

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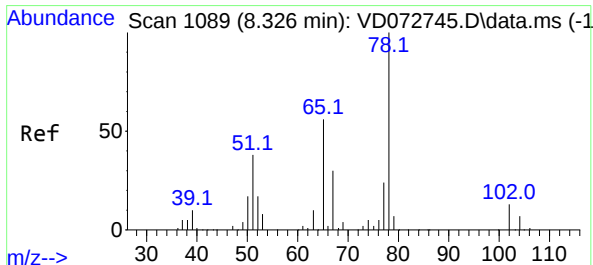
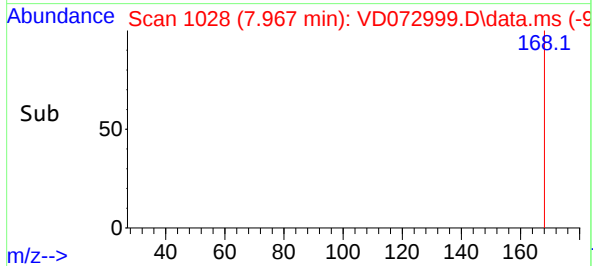
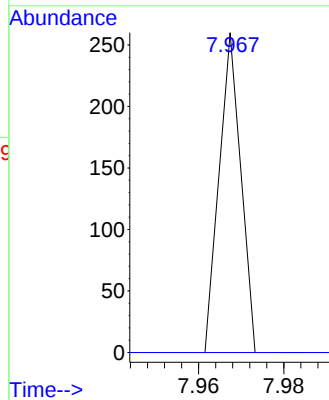
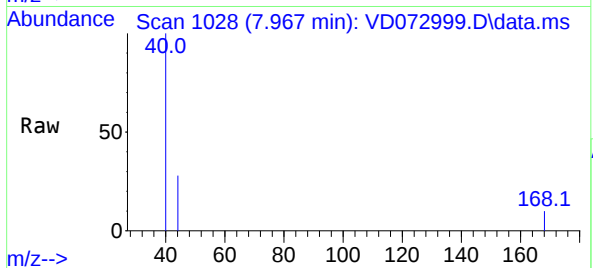
VIBLK

Tgt Ion:168 Resp: 92

Ion Ratio Lower Upper

168 100

99 0.0 49.8 74.6#



1,2-Dichloroethane-d4

Concen: 46.055 ug/l

RT: 8.461 min Scan# 1112

Delta R.T. 0.135 min

Lab File: VD072999.D

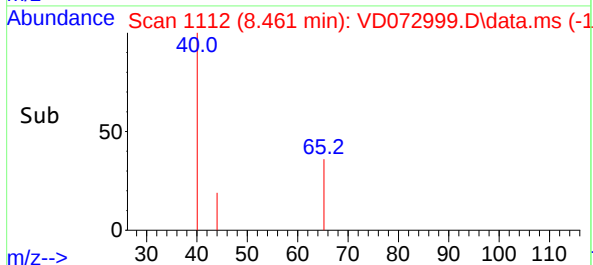
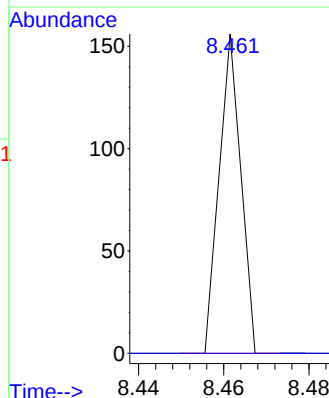
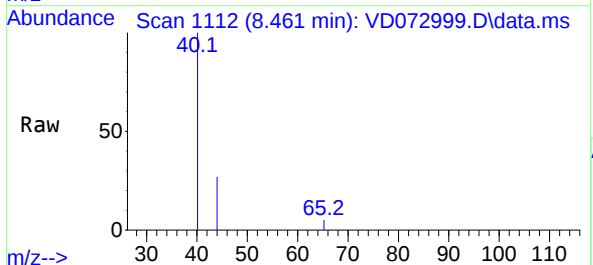
Acq: 13 May 2022 19:48

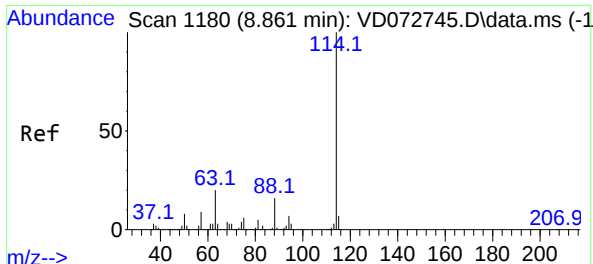
Tgt Ion: 65 Resp: 55

Ion Ratio Lower Upper

65 100

67 0.0 0.0 101.4



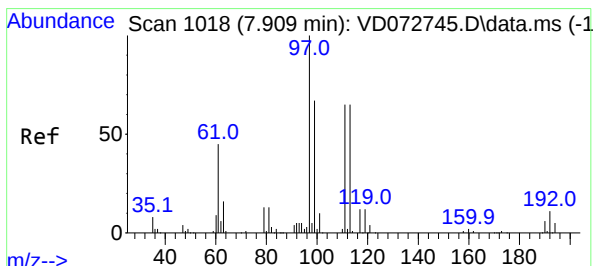
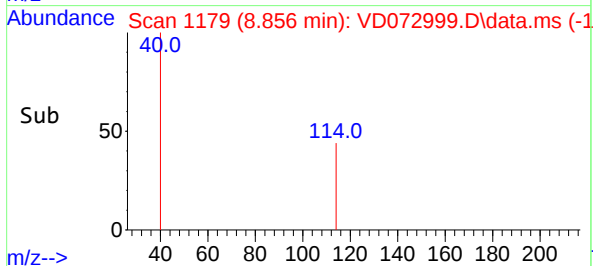
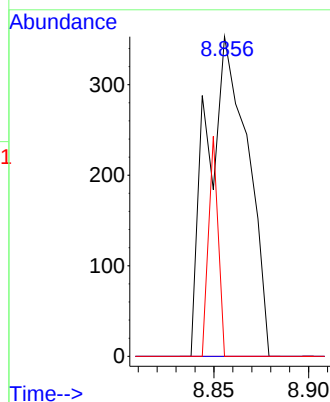
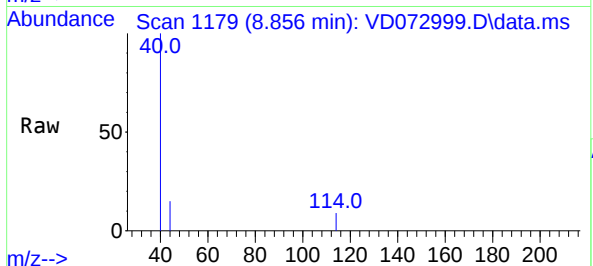


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD072999.D
Acq: 13 May 2022 19:48

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 530

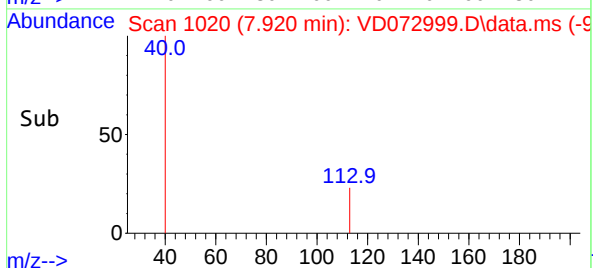
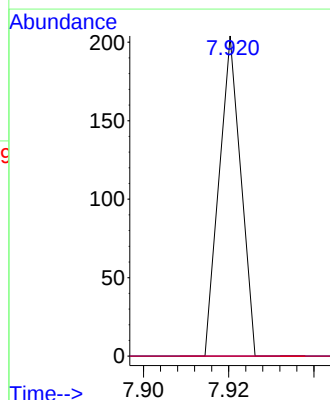
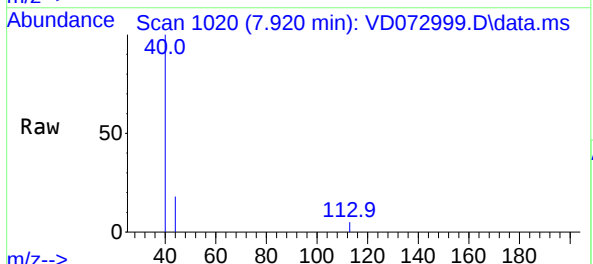
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	46.6
88	0.0	0.0	33.2

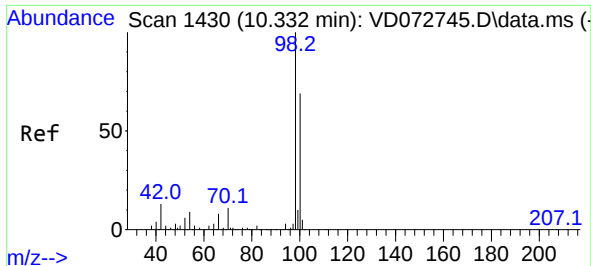


#35
Dibromofluoromethane
Concen: 19.343 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.011 min
Lab File: VD072999.D
Acq: 13 May 2022 19:48

Tgt Ion:113 Resp: 72

Ion	Ratio	Lower	Upper
113	100		
111	0.0	83.8	125.6#
192	0.0	14.6	21.8#

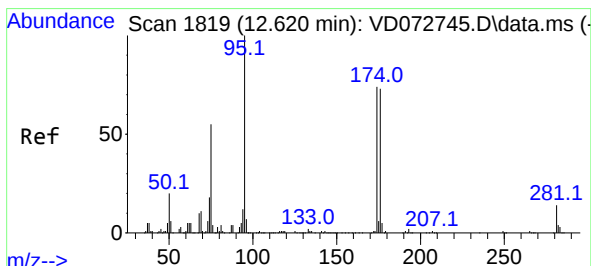
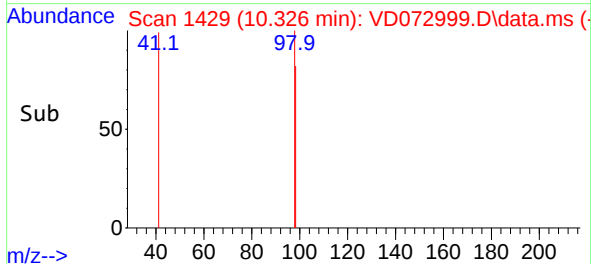
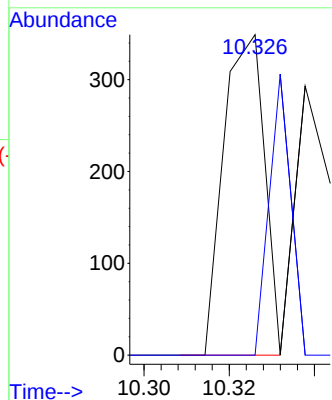
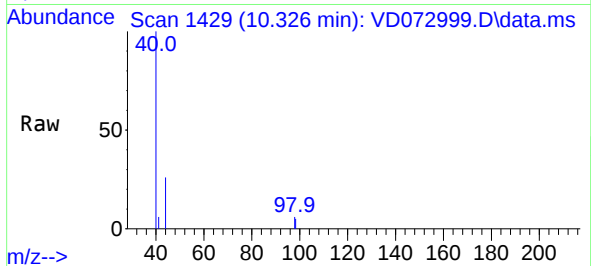




#50
Toluene-d8
Concen: 17.376 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072999.D
Acq: 13 May 2022 19:48

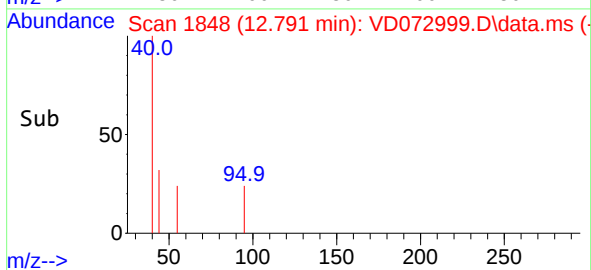
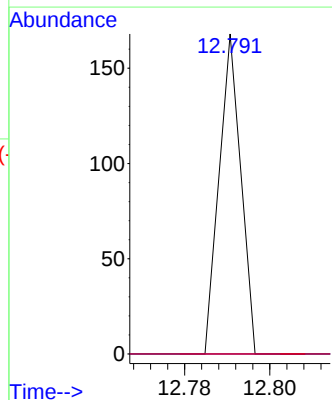
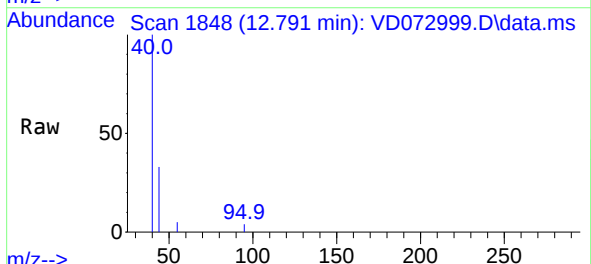
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

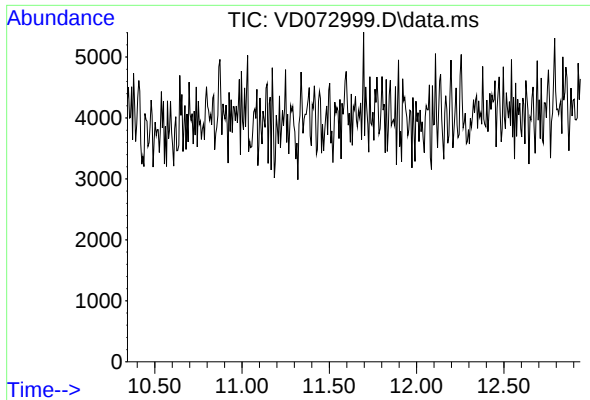
Tgt Ion: 98 Resp: 232
Ion Ratio Lower Upper
98 100
100 46.6 52.4 78.6#



#62
4-Bromofluorobenzene
Concen: 11.851 ug/l
RT: 12.791 min Scan# 1848
Delta R.T. 0.171 min
Lab File: VD072999.D
Acq: 13 May 2022 19:48

Tgt Ion: 95 Resp: 59
Ion Ratio Lower Upper
95 100
174 0.0 0.0 152.8
176 0.0 0.0 145.4



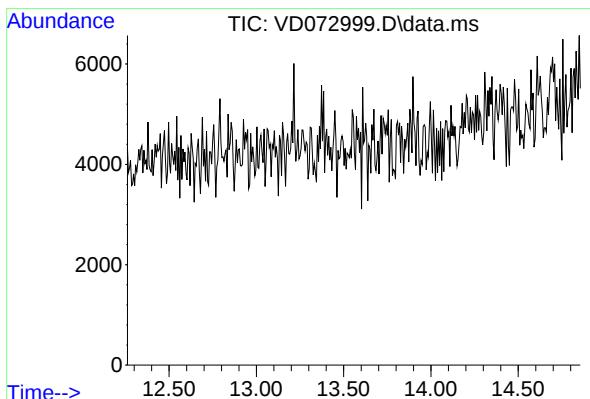
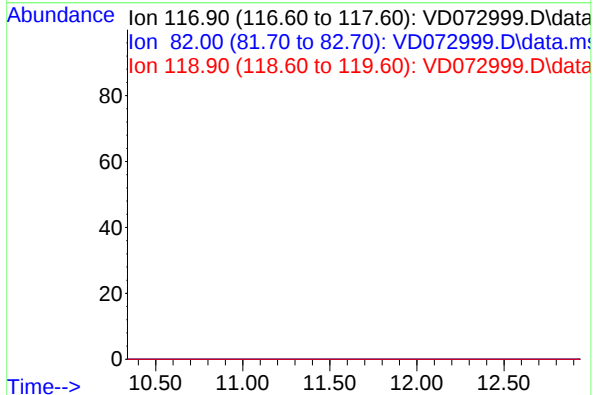


#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.64 min

Lab File: VD072999.D
Acq: 13 May 2022 19:48

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 117
Sig Exp Ratio
117 100
82 56.6
119 33.3



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.56 min

Lab File: VD072999.D
Acq: 13 May 2022 19:48

Tgt Ion: 152
Sig Exp Ratio
152 100
115 62.5
150 174.3

