

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
 Data File : VD072913.D
 Acq On : 10 May 2022 14:37
 Operator : VA/SY
 Sample : N2739-07
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124042

Quant Time: May 11 05:51:08 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	7.973	168	197837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	366234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	388154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	184900	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	158944	61.892	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.780%
35) Dibromofluoromethane	7.909	113	133372	51.853	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.700%
50) Toluene-d8	10.332	98	455293	49.347	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.620	95	186428	54.190	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.380%

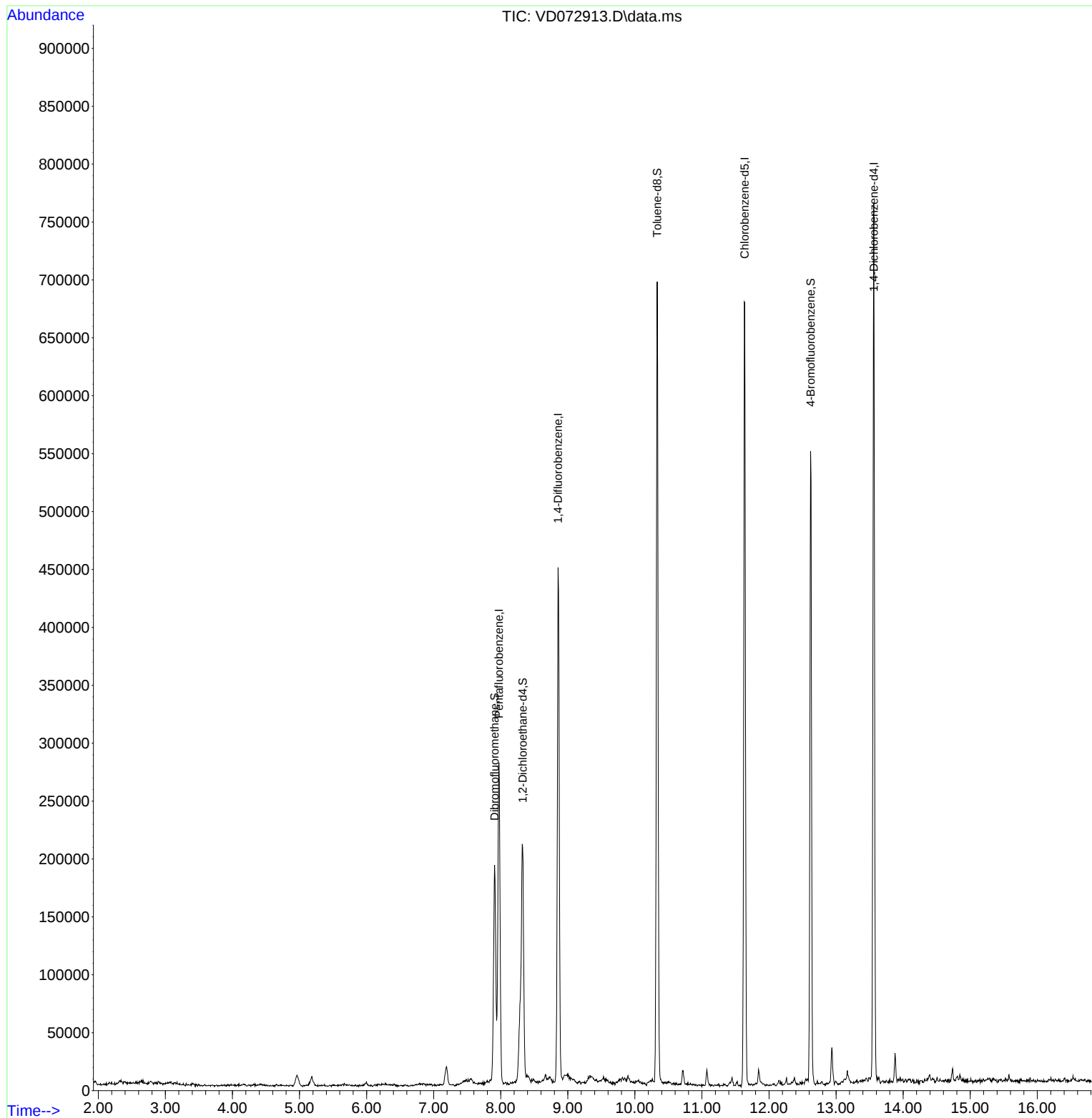
Target Compounds	Qvalue

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

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072913.D

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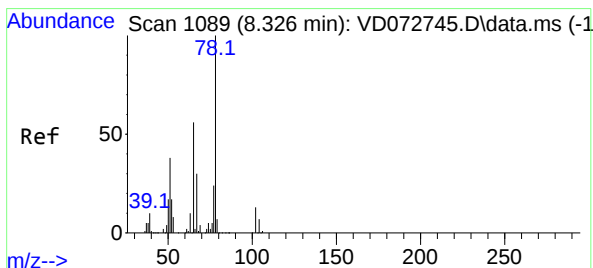
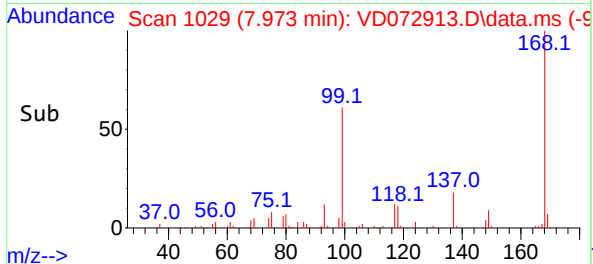
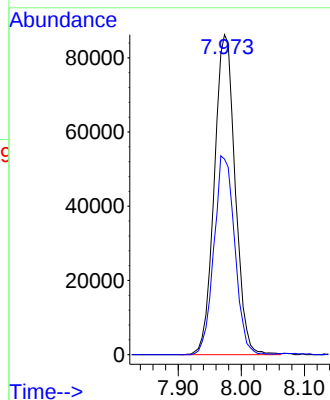
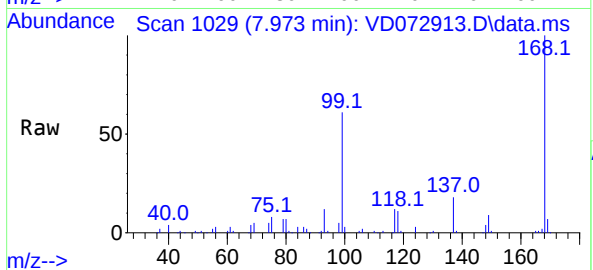
124042

Tgt Ion:168 Resp: 197837

Ion Ratio Lower Upper

168 100

99 61.1 49.8 74.6



1,2-Dichloroethane-d4

Concen: 61.892 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072913.D

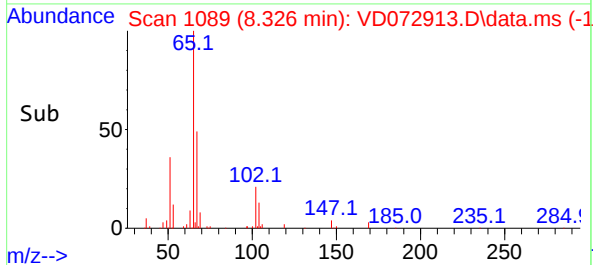
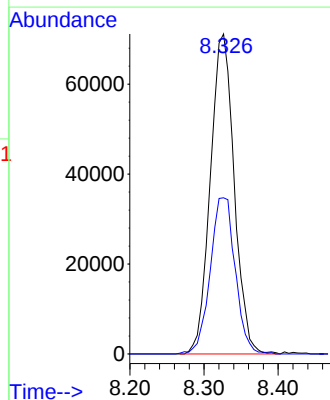
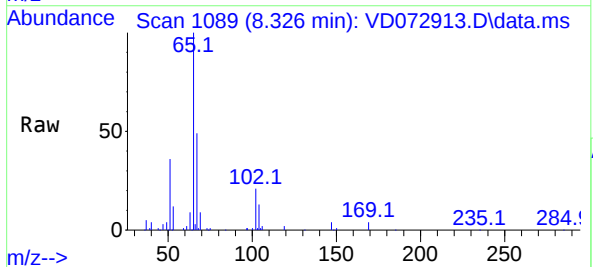
Acq: 10 May 2022 14:37

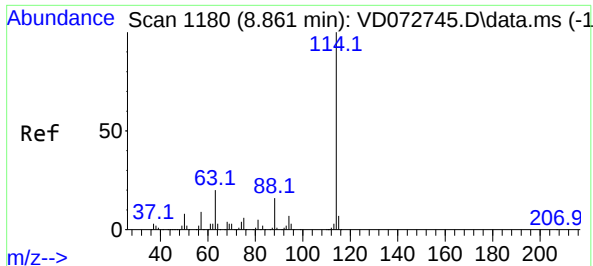
Tgt Ion: 65 Resp: 158944

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.4

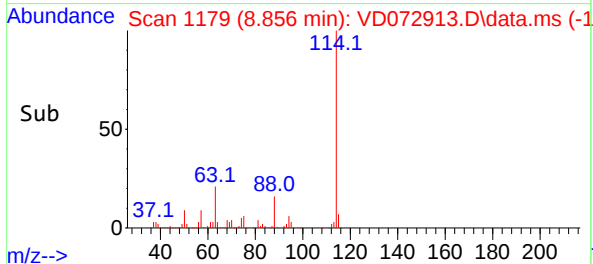
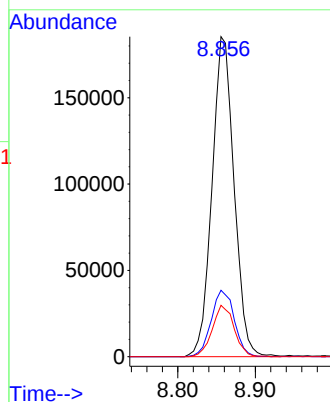
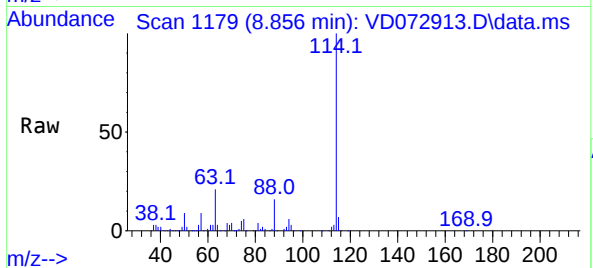




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1180
Delta R.T. -0.005 min
Lab File: VD072913.D
Acq: 10 May 2022 14:37

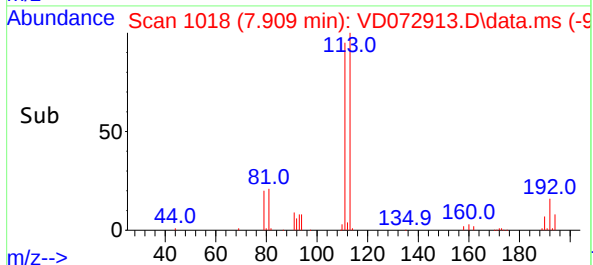
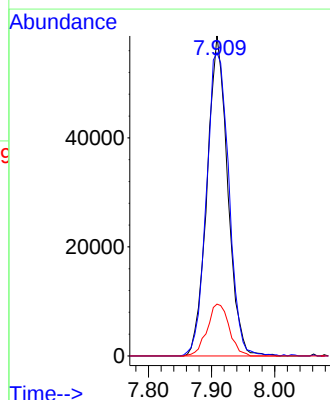
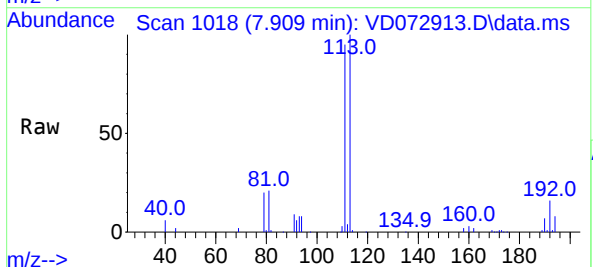
Instrument :
MSVOA_D
ClientSampleId :
124042

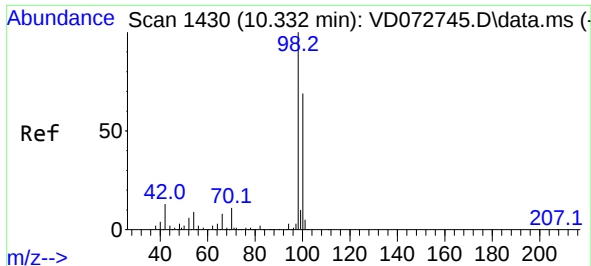
Tgt Ion:114 Resp: 366234
Ion Ratio Lower Upper
114 100
63 20.7 0.0 46.6
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.853 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072913.D
Acq: 10 May 2022 14:37

Tgt Ion:113 Resp: 133372
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 17.3 14.6 21.8

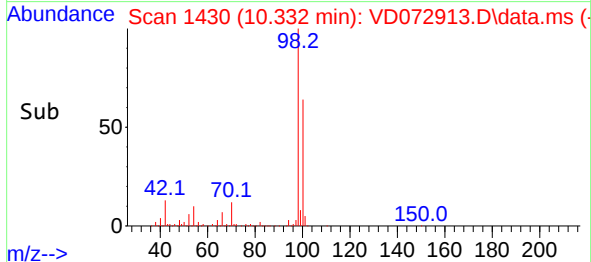
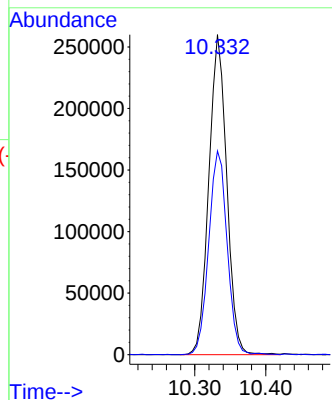
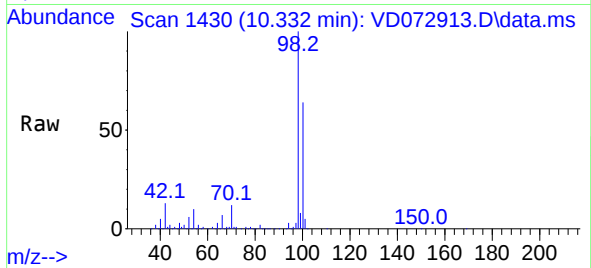




#50
Toluene-d8
Concen: 49.347 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072913.D
Acq: 10 May 2022 14:37

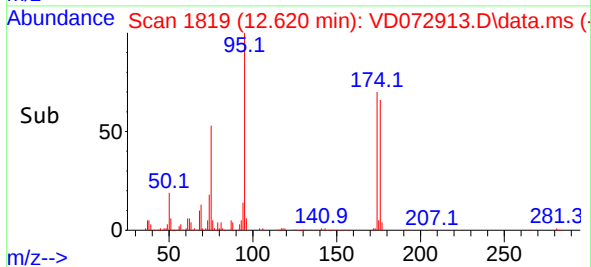
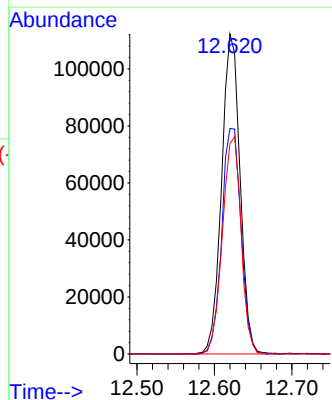
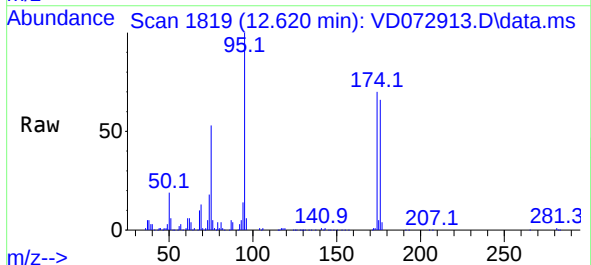
Instrument :
MSVOA_D
ClientSampleId :
124042

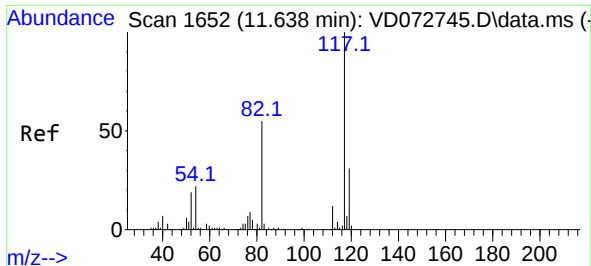
Tgt Ion: 98 Resp: 455293
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.190 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072913.D
Acq: 10 May 2022 14:37

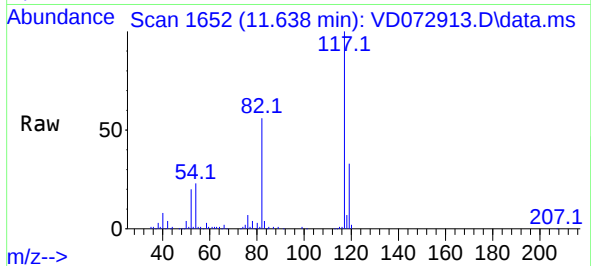
Tgt Ion: 95 Resp: 186428
Ion Ratio Lower Upper
95 100
174 73.3 0.0 152.8
176 68.6 0.0 145.4



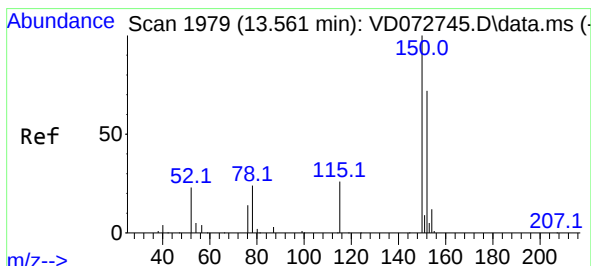
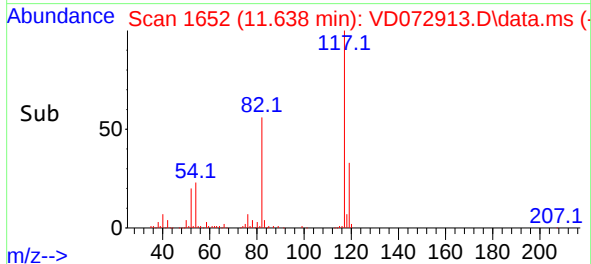
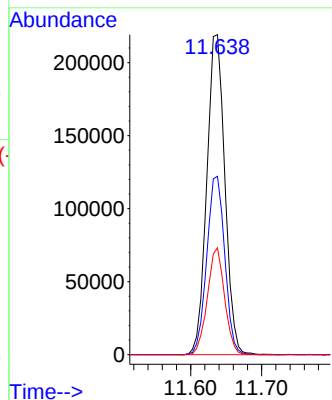


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072913.D
Acq: 10 May 2022 14:37

Instrument :
MSVOA_D
ClientSampleId :
124042



Tgt Ion:117 Resp: 388154
Ion Ratio Lower Upper
117 100
82 55.7 45.3 67.9
119 33.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072913.D
Acq: 10 May 2022 14:37

Tgt Ion:152 Resp: 184900
Ion Ratio Lower Upper
152 100
115 62.1 31.3 93.8
150 157.5 0.0 348.6

