

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073328.D
 Acq On : 24 May 2022 16:48
 Operator : VA/SY
 Sample : N2949-15
 Misc : 6.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS001-0612-02

Quant Time: May 25 05:27:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	275077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	483516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	522345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	243922	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	157095	51.676	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.360%
35) Dibromofluoromethane	7.914	113	167991	52.653	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.300%
50) Toluene-d8	10.332	98	603165	51.284	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.560%
62) 4-Bromofluorobenzene	12.620	95	231150	56.003	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.000%

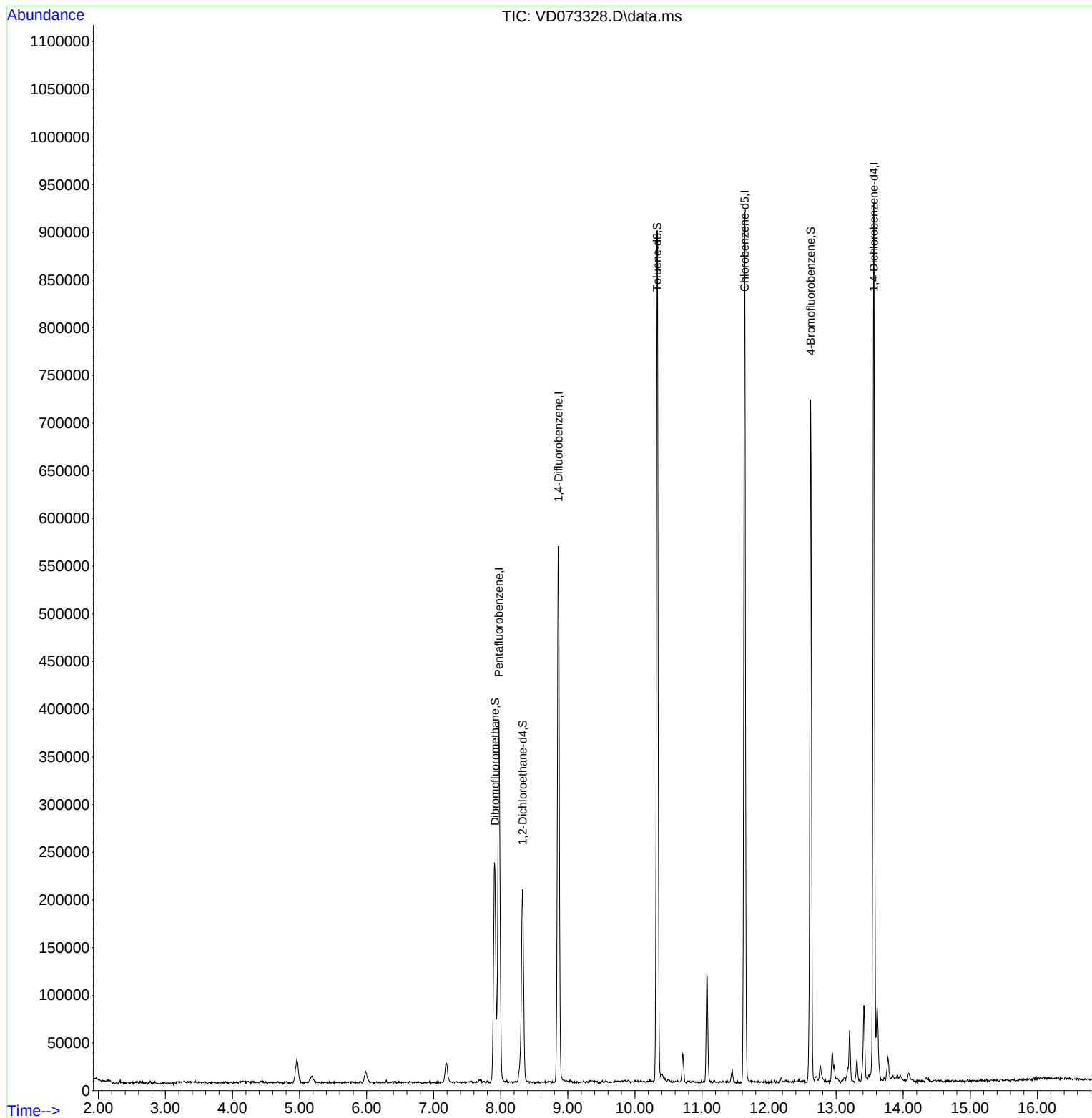
Target Compounds	Qvalue

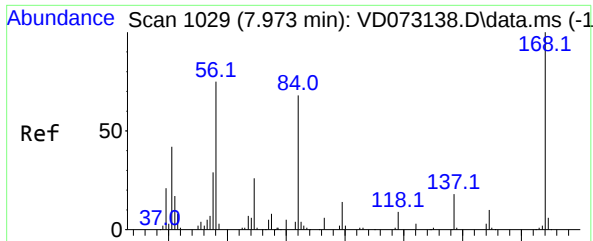
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073328.D

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Instrument :

MSVOA_D

ClientSampleId :

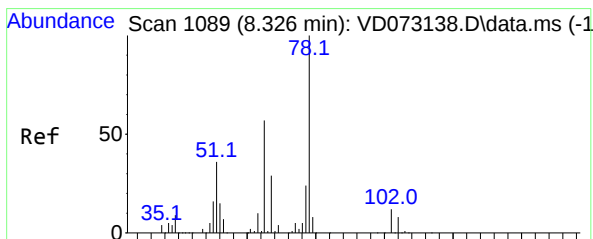
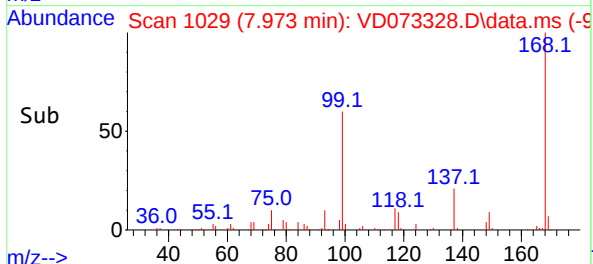
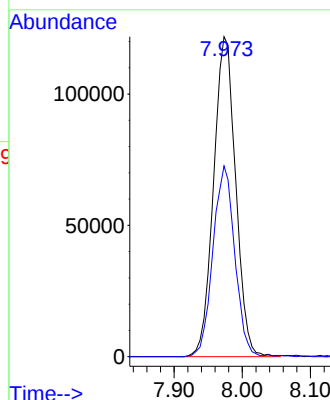
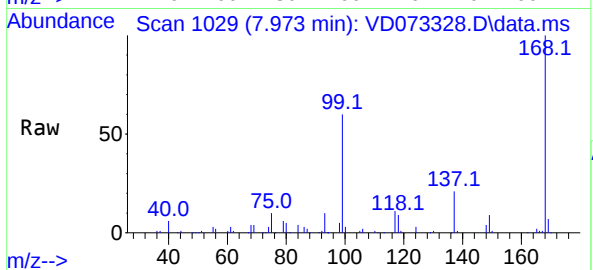
P044-SS001-0612-02

Tgt Ion:168 Resp: 275077

Ion Ratio Lower Upper

168 100

99 59.6 49.8 74.6



1,2-Dichloroethane-d4

Concen: 51.676 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073328.D

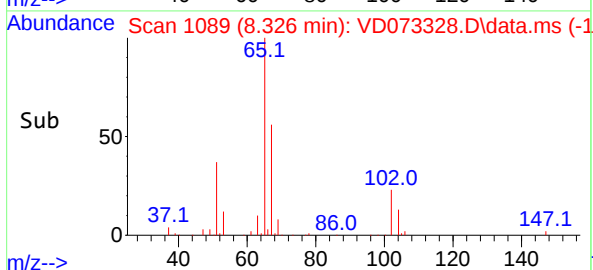
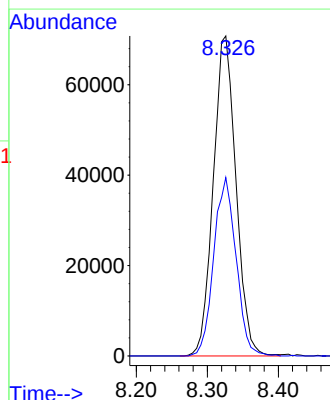
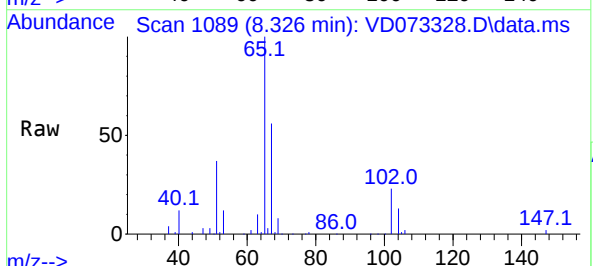
Acq: 24 May 2022 16:48

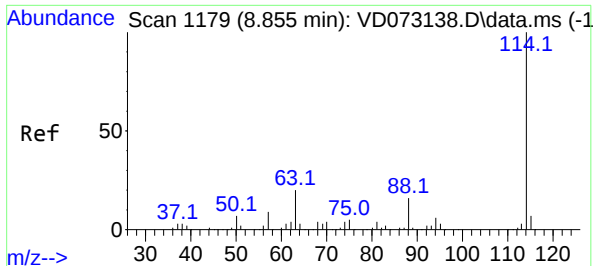
Tgt Ion: 65 Resp: 157095

Ion Ratio Lower Upper

65 100

67 54.7 0.0 101.4

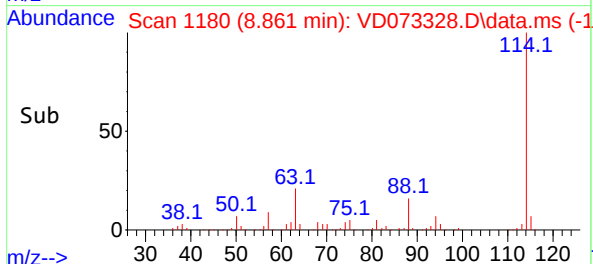
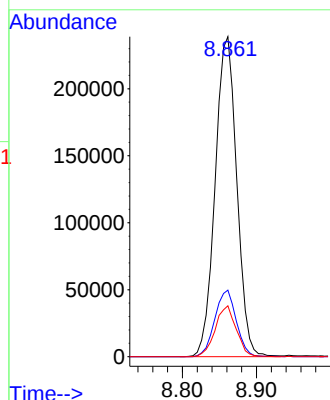
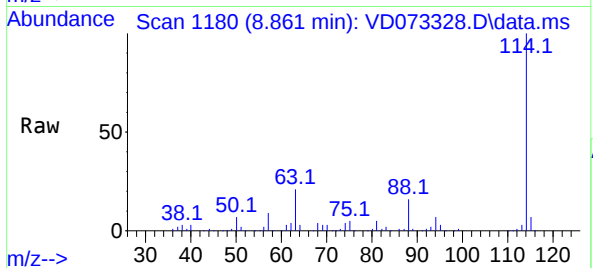




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073328.D
Acq: 24 May 2022 16:48

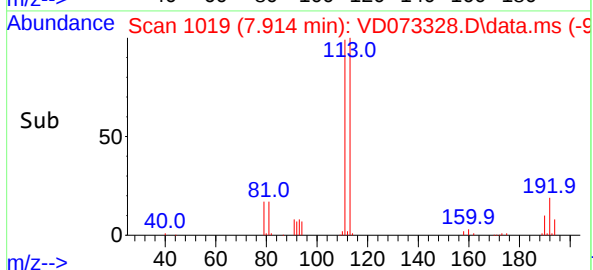
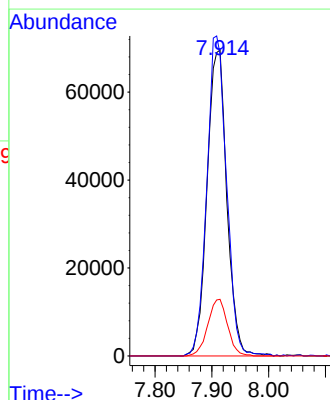
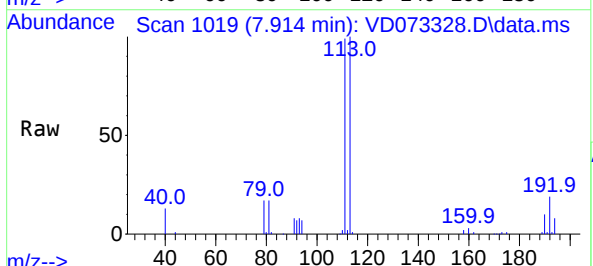
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-02

Tgt Ion:114 Resp: 483516
Ion Ratio Lower Upper
114 100
63 20.8 0.0 46.6
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 52.653 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD073328.D
Acq: 24 May 2022 16:48

Tgt Ion:113 Resp: 167991
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 18.5 14.6 21.8

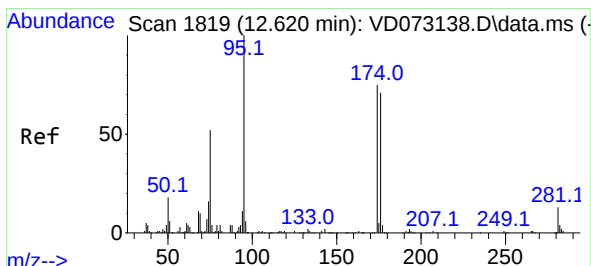
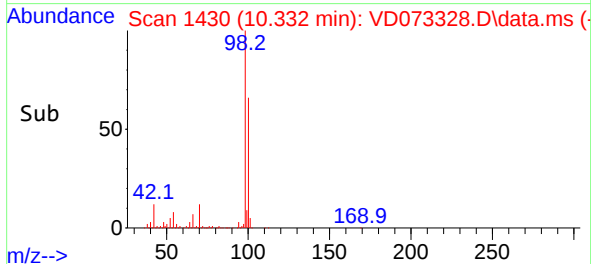
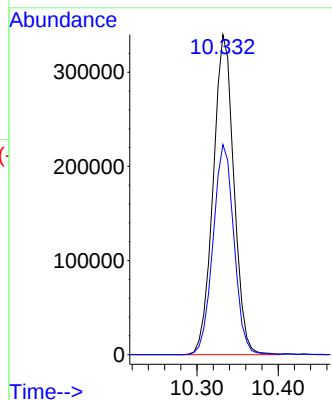
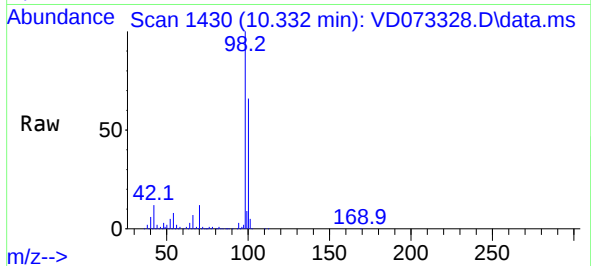




#50
Toluene-d8
Concen: 51.284 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073328.D
Acq: 24 May 2022 16:48

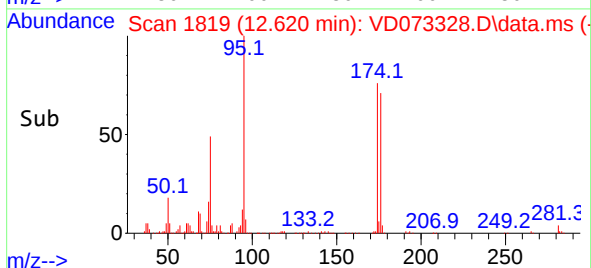
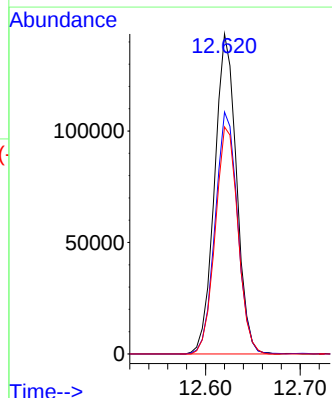
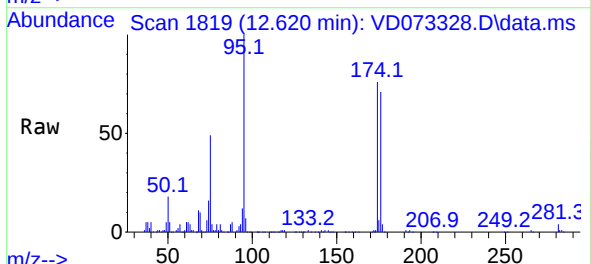
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-02

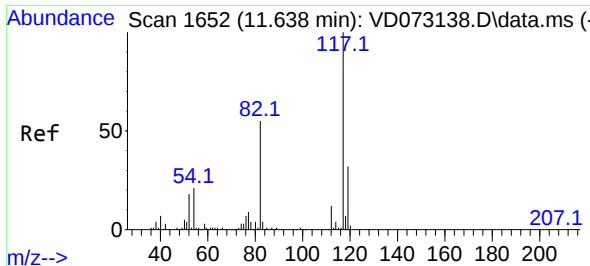
Tgt Ion: 98 Resp: 603165
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 56.003 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073328.D
Acq: 24 May 2022 16:48

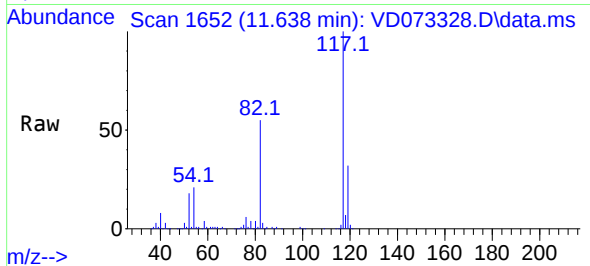
Tgt Ion: 95 Resp: 231150
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 73.2 0.0 145.4



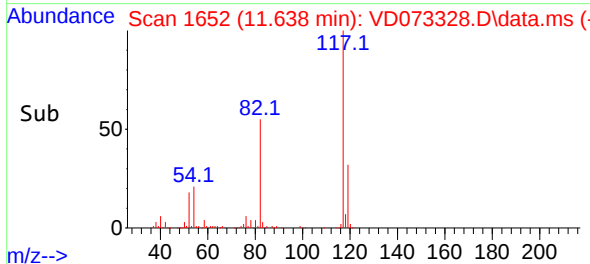
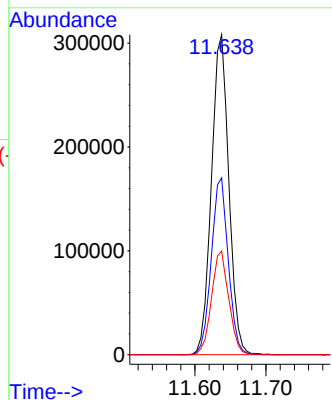


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073328.D
Acq: 24 May 2022 16:48

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-02



Tgt Ion:117 Resp: 522345
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 32.4 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: VD073328.D
Acq: 24 May 2022 16:48

Tgt Ion:152 Resp: 243922
Ion Ratio Lower Upper
152 100
115 61.2 31.3 93.8
150 158.0 0.0 348.6

