

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073245.D
 Acq On : 21 May 2022 22:49
 Operator : VA/SY
 Sample : N2920-06
 Misc : 4.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS001-0006-01

Quant Time: May 22 01:35:12 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	277199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	485580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	508738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	222985	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	151076	49.316	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.640%
35) Dibromofluoromethane	7.908	113	165465	51.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.280%
50) Toluene-d8	10.332	98	604632	51.191	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.380%
62) 4-Bromofluorobenzene	12.620	95	215688	52.034	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.060%

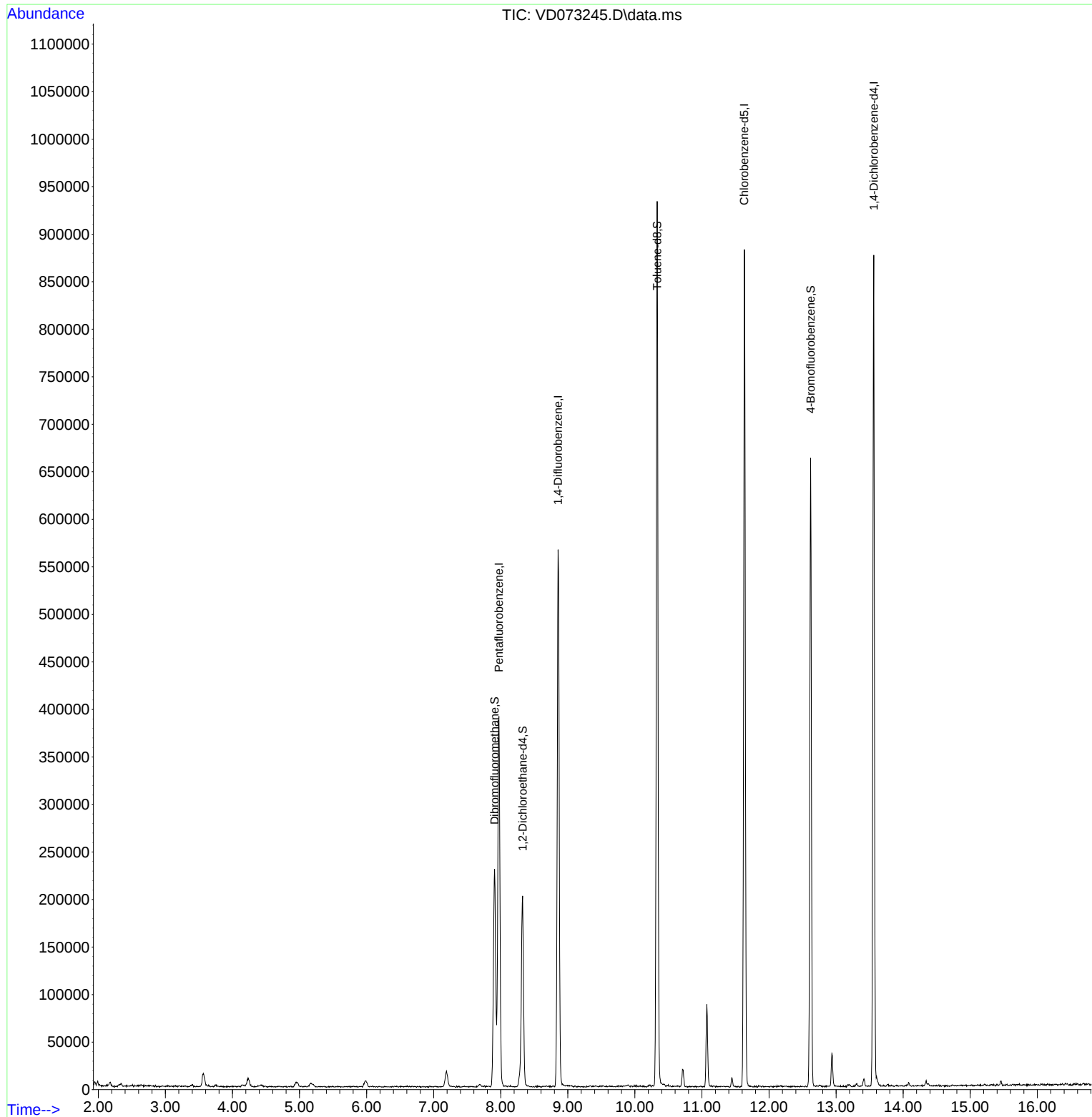
Target Compounds	Qvalue

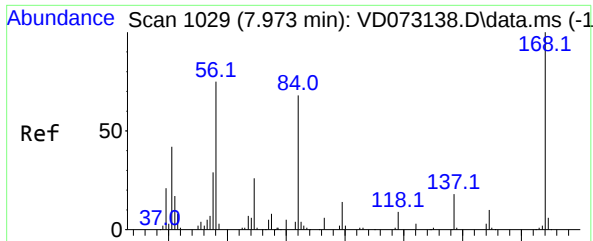
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073245.D

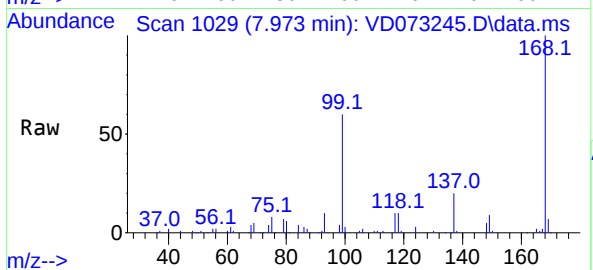
Acq: 21 May 2022 22:49

Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-0006-01

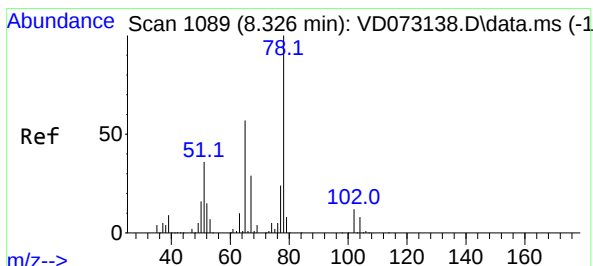
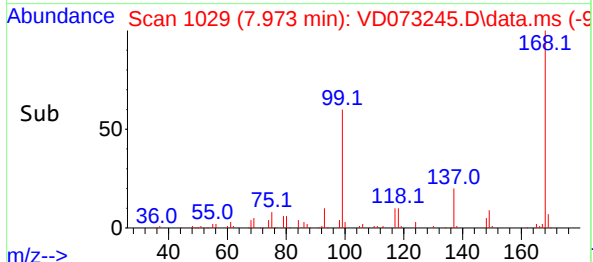
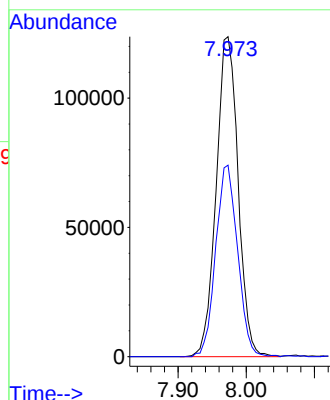


Tgt Ion:168 Resp: 277199

Ion Ratio Lower Upper

168 100

99 59.8 49.8 74.6



1,2-Dichloroethane-d4

Concen: 49.316 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073245.D

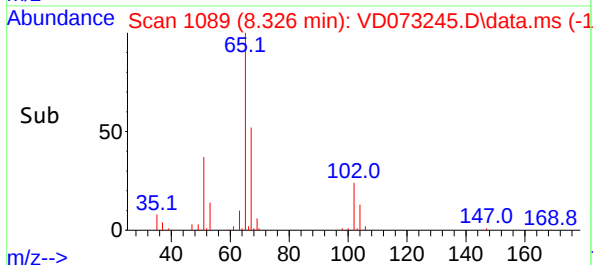
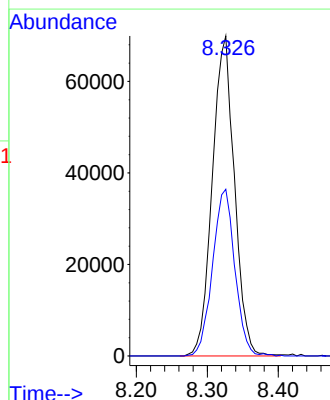
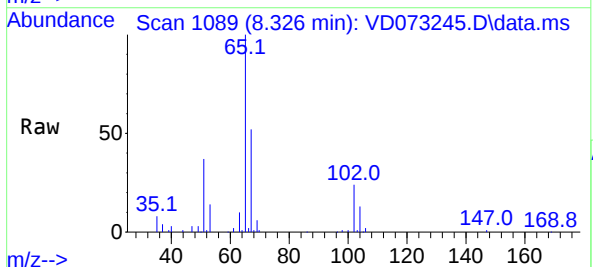
Acq: 21 May 2022 22:49

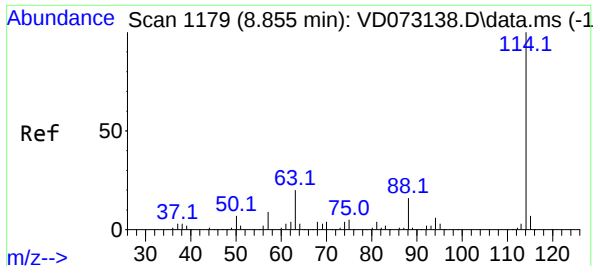
Tgt Ion: 65 Resp: 151076

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.4

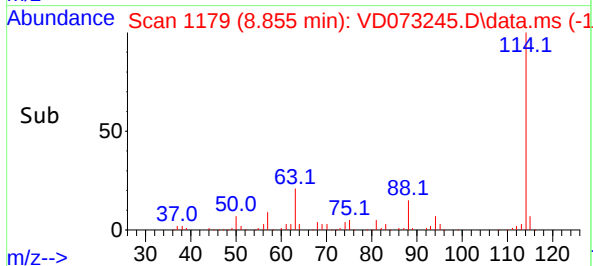
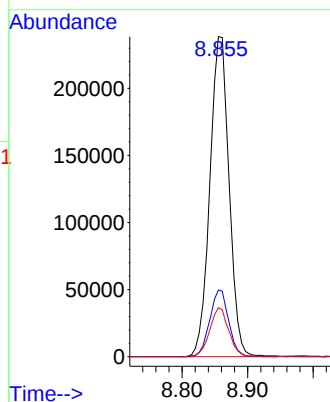
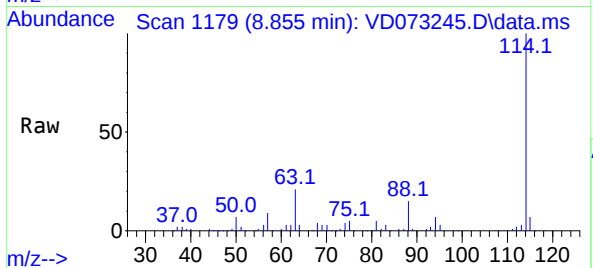




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073245.D
Acq: 21 May 2022 22:49

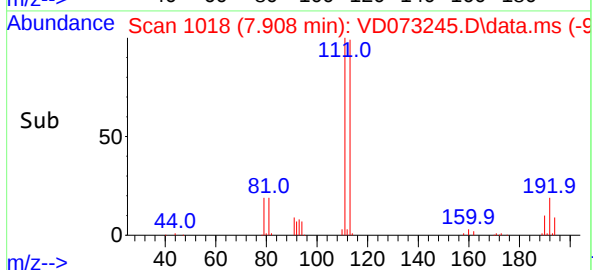
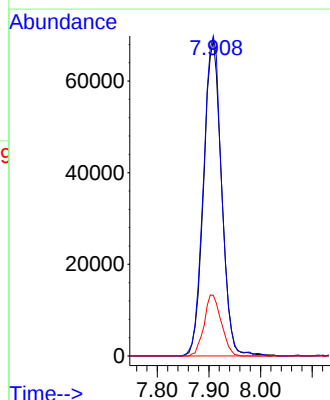
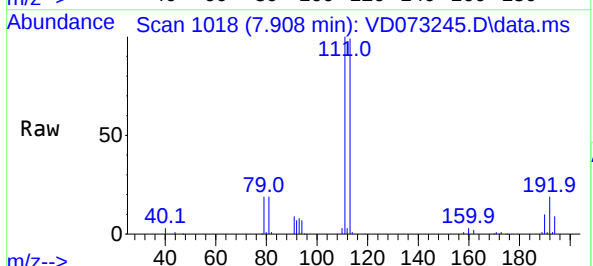
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-0006-01

Tgt Ion:114 Resp: 485580
Ion Ratio Lower Upper
114 100
63 20.8 0.0 46.6
88 15.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.640 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073245.D
Acq: 21 May 2022 22:49

Tgt Ion:113 Resp: 165465
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 18.6 14.6 21.8

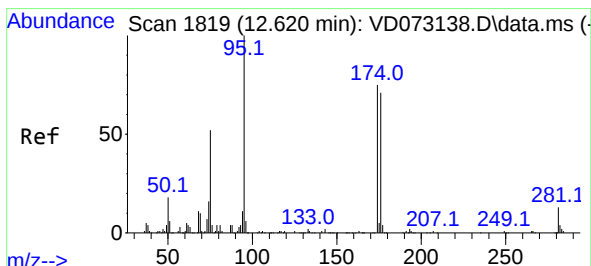
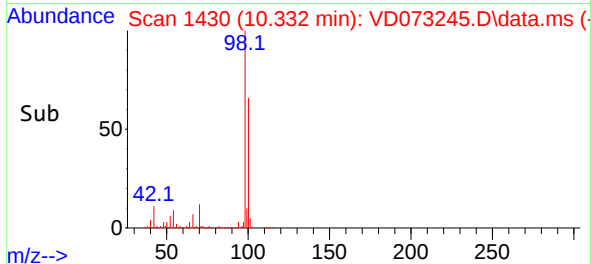
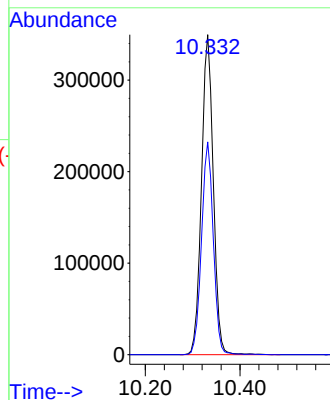
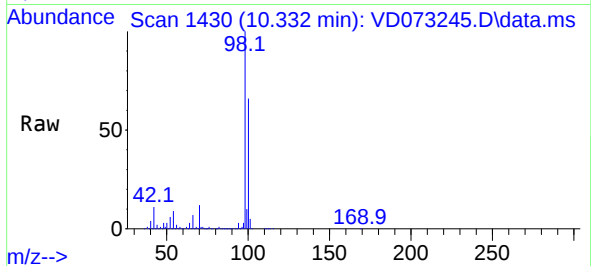




#50
Toluene-d8
Concen: 51.191 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073245.D
Acq: 21 May 2022 22:49

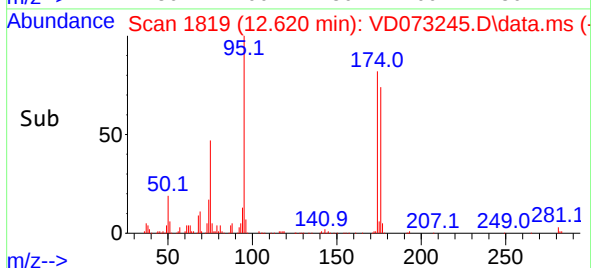
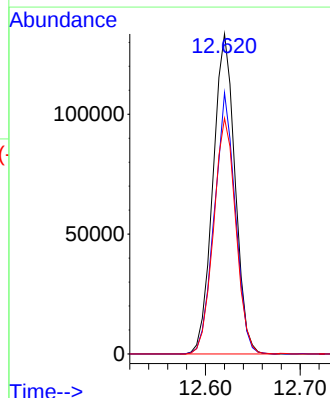
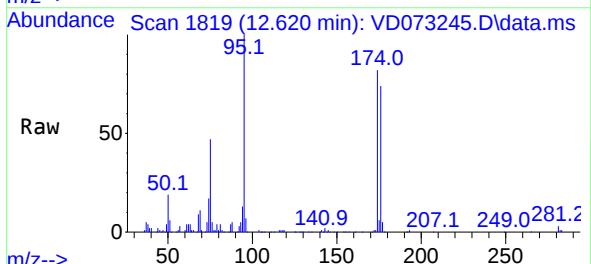
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-0006-01

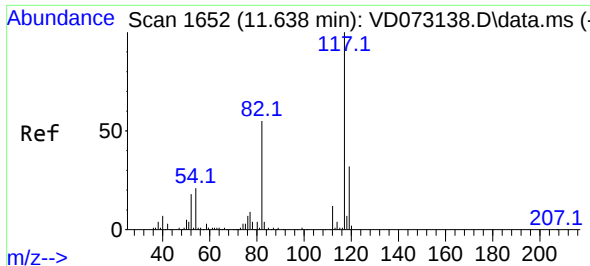
Tgt Ion: 98 Resp: 604632
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.034 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073245.D
Acq: 21 May 2022 22:49

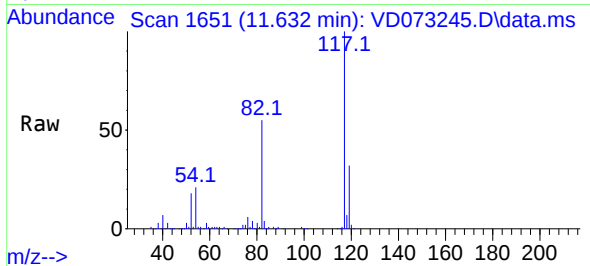
Tgt Ion: 95 Resp: 215688
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 74.3 0.0 145.4



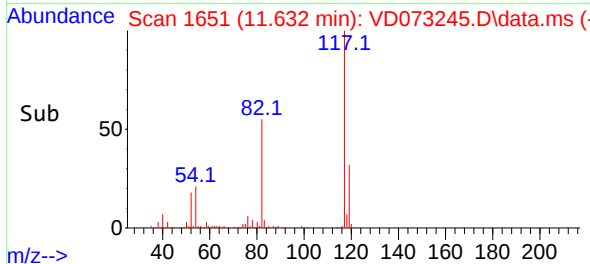
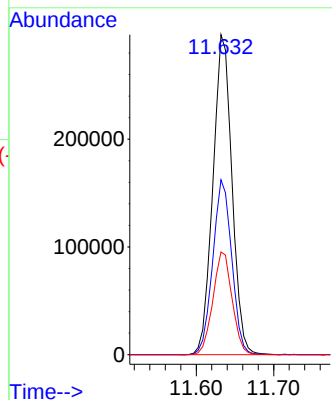


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073245.D
Acq: 21 May 2022 22:49

Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-0006-01



Tgt Ion:117 Resp: 508738
Ion Ratio Lower Upper
117 100
82 54.6 45.3 67.9
119 32.1 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: VD073245.D
Acq: 21 May 2022 22:49

Tgt Ion:152 Resp: 222985
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 160.3 0.0 348.6

