

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073205.D
 Acq On : 21 May 2022 01:37
 Operator : VA/SY
 Sample : N2885-07
 Misc : 4.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P004-SS004-0006-01

Quant Time: May 21 03:54:31 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	292437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	510677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	523889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	208152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	168303	52.076	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.160%	
35) Dibromofluoromethane	7.908	113	177818	52.768	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.540%	
50) Toluene-d8	10.332	98	640887	51.593	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.180%	
62) 4-Bromofluorobenzene	12.620	95	236152	54.171	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.340%	

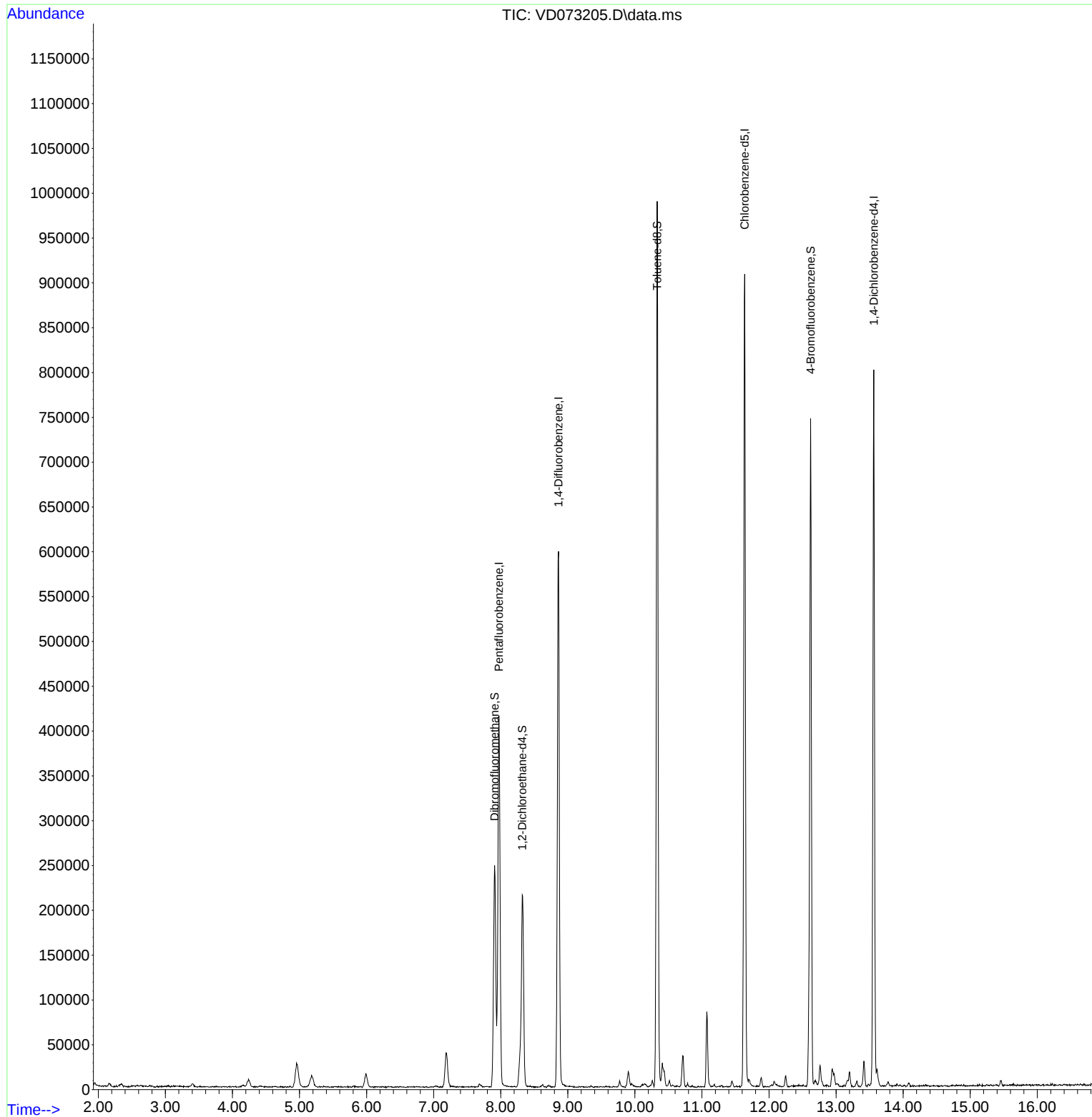
Target Compounds	Qvalue

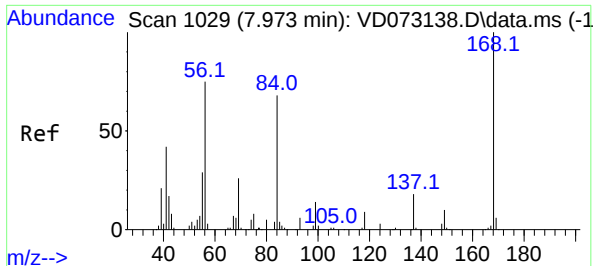
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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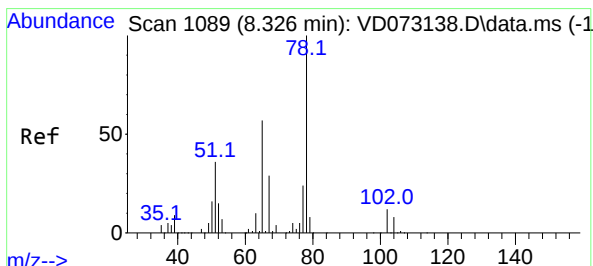
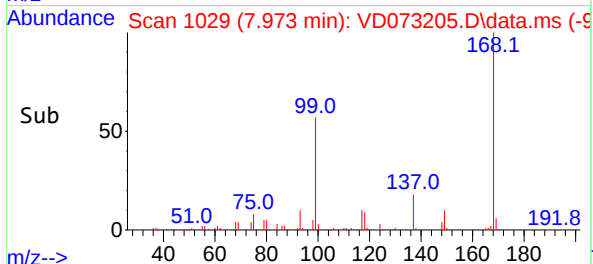
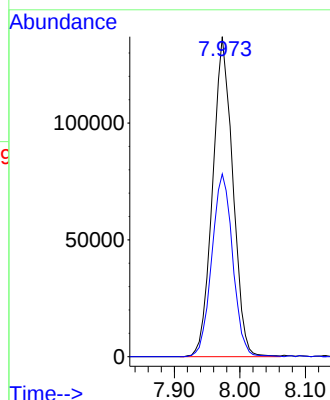
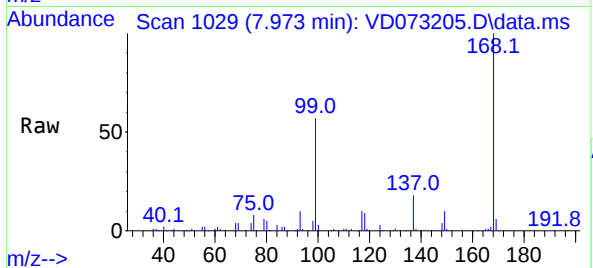




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073205.D
Acq: 21 May 2022 01:37

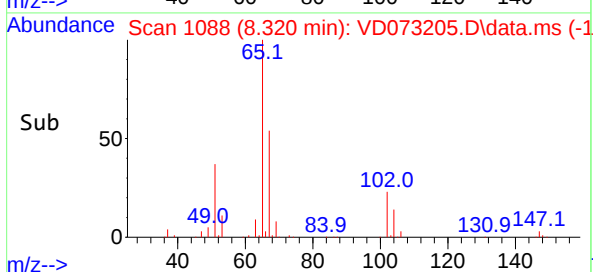
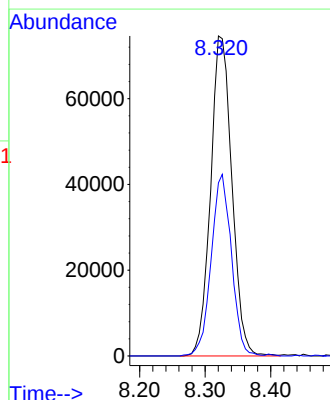
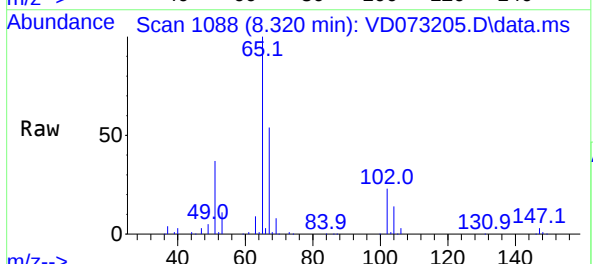
Instrument :
MSVOA_D
ClientSampleId :
P004-SS004-0006-01

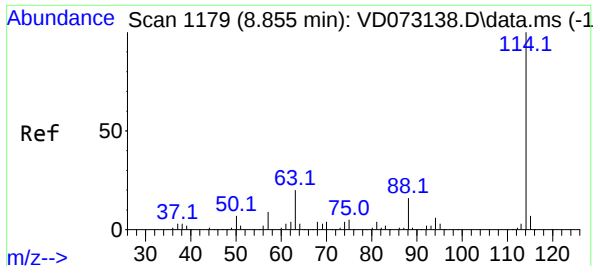
Tgt Ion:168 Resp: 292437
Ion Ratio Lower Upper
168 100
99 57.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 52.076 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073205.D
Acq: 21 May 2022 01:37

Tgt Ion: 65 Resp: 168303
Ion Ratio Lower Upper
65 100
67 54.0 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: VD073205.D

Acq: 21 May 2022 01:37

Instrument :

MSVOA_D

ClientSampleId :

P004-SS004-0006-01

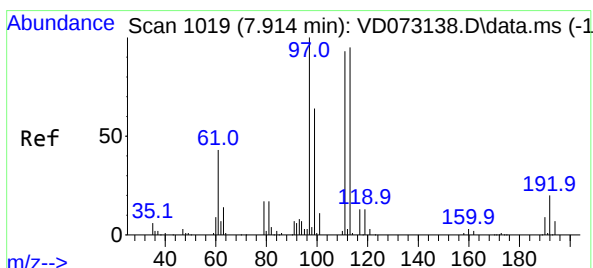
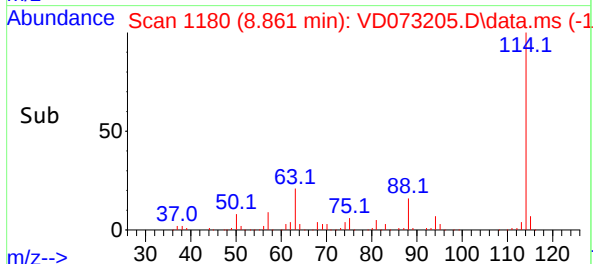
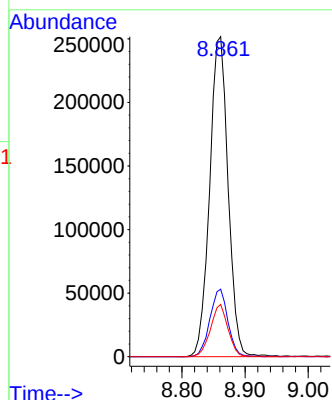
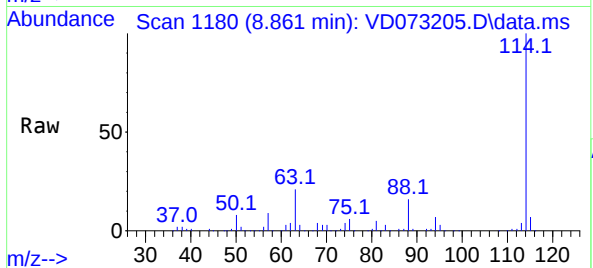
Tgt Ion:114 Resp: 510677

Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 16.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 52.768 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073205.D

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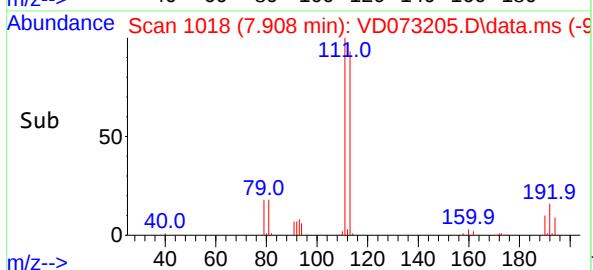
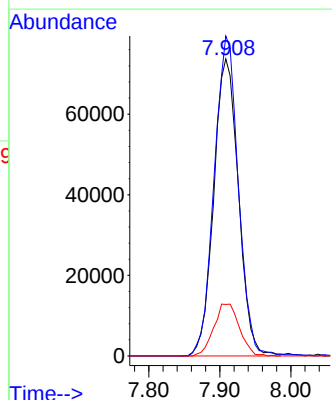
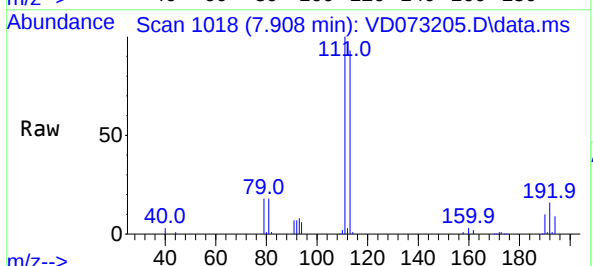
Tgt Ion:113 Resp: 177818

Ion Ratio Lower Upper

113 100

111 105.5 83.8 125.6

192 18.1 14.6 21.8

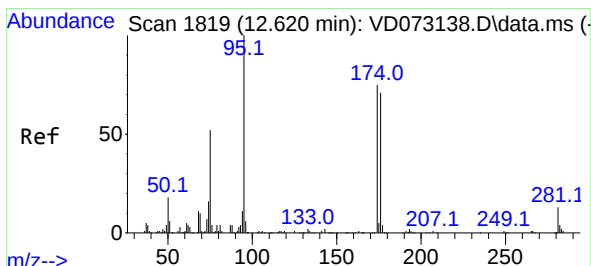
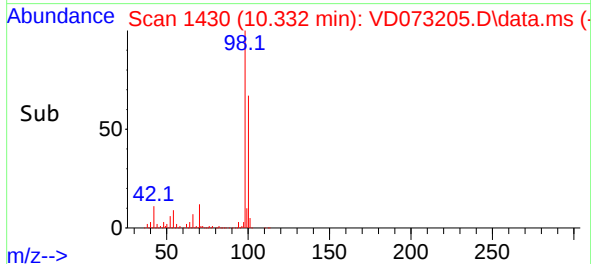
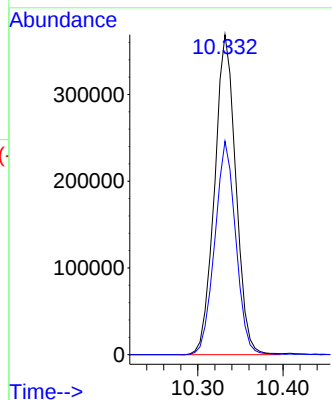
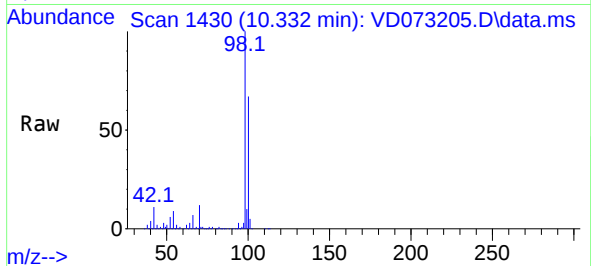




#50
Toluene-d8
Concen: 51.593 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073205.D
Acq: 21 May 2022 01:37

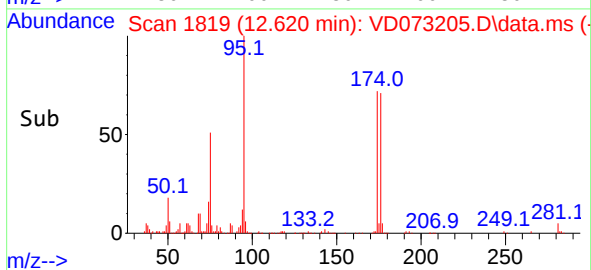
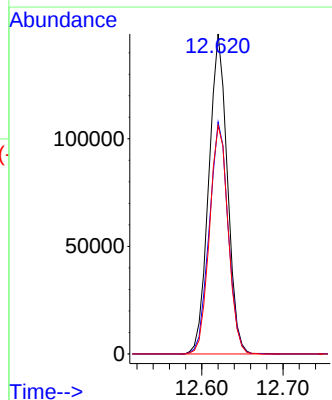
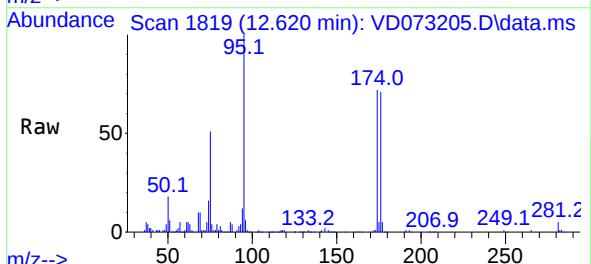
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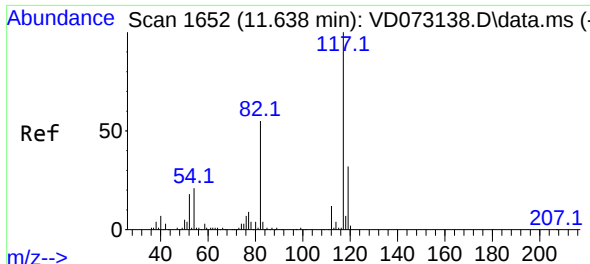
Tgt Ion: 98 Resp: 640887
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.171 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073205.D
Acq: 21 May 2022 01:37

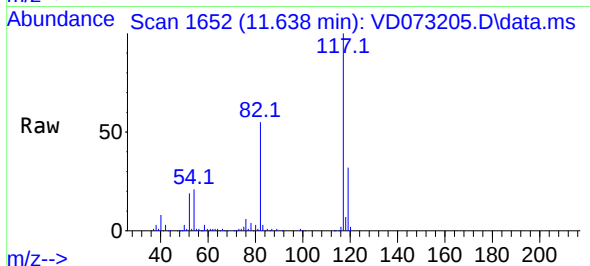
Tgt Ion: 95 Resp: 236152
Ion Ratio Lower Upper
95 100
174 73.6 0.0 152.8
176 71.5 0.0 145.4



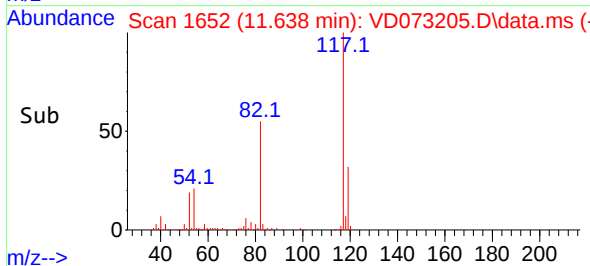
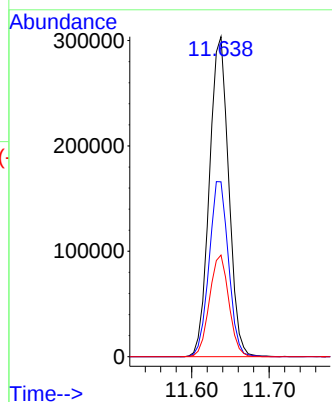


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073205.D
Acq: 21 May 2022 01:37

Instrument :
MSVOA_D
ClientSampleId :
P004-SS004-0006-01



Tgt Ion:117 Resp: 523889
Ion Ratio Lower Upper
117 100
82 54.7 45.3 67.9
119 31.7 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: VD073205.D
Acq: 21 May 2022 01:37

Tgt Ion:152 Resp: 208152
Ion Ratio Lower Upper
152 100
115 59.4 31.3 93.8
150 157.9 0.0 348.6

