

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073716.D
 Acq On : 25 Jun 2022 18:28
 Operator : VA/SY
 Sample : N3455-17
 Misc : 4.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-EXC-2-3

Quant Time: Jun 27 09:40:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	29173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	52241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	65475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	34956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	25317	70.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.320%	
35) Dibromofluoromethane	7.908	113	21148	51.966	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.940%	
50) Toluene-d8	10.332	98	72795	49.819	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.640%	
62) 4-Bromofluorobenzene	12.620	95	32775	59.804	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.600%	

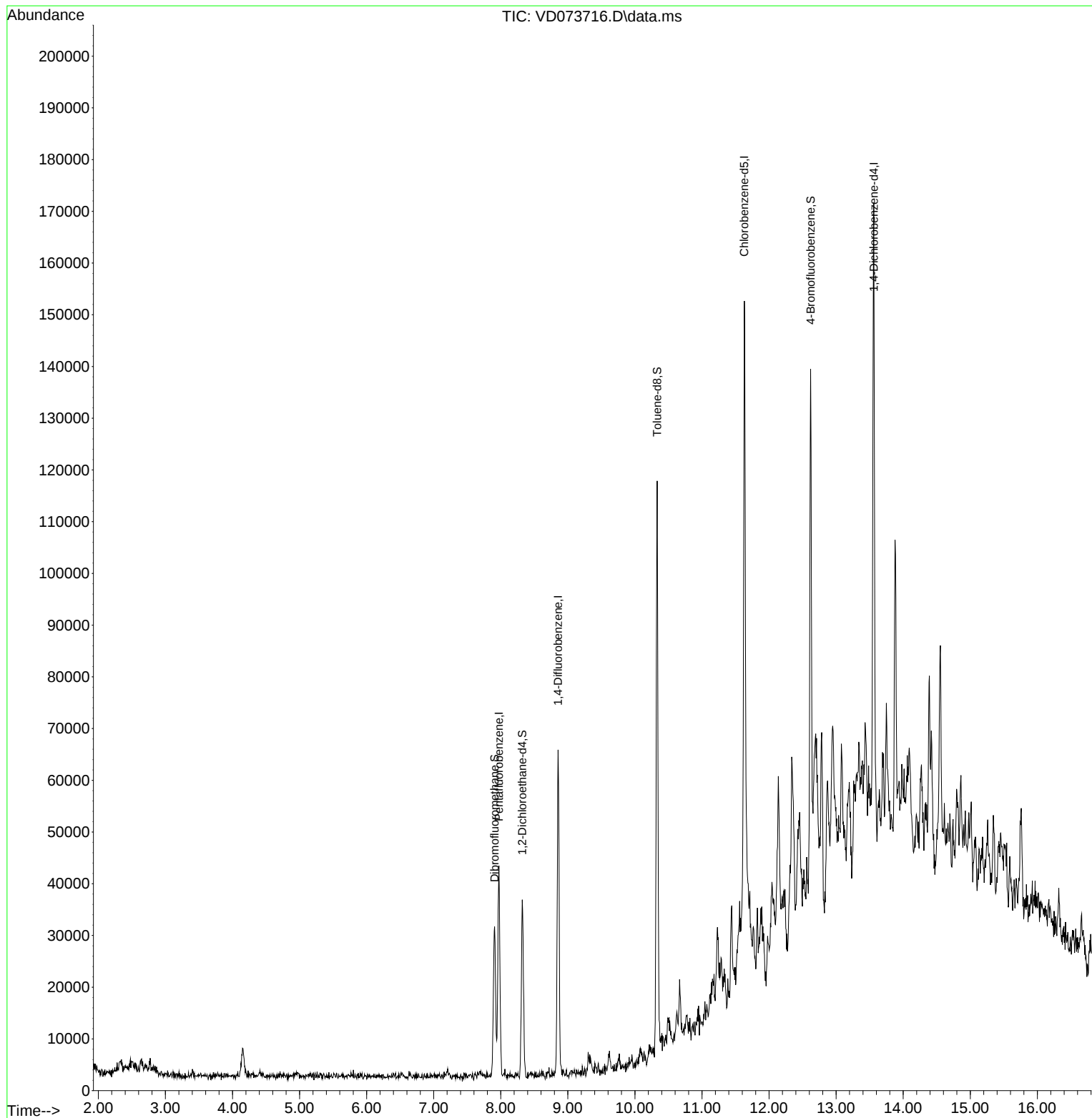
Target Compounds	Qvalue

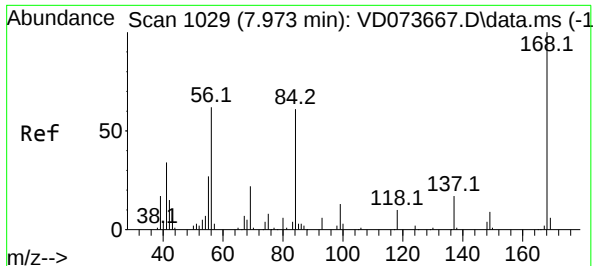
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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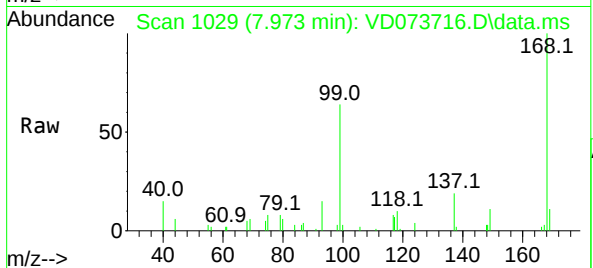
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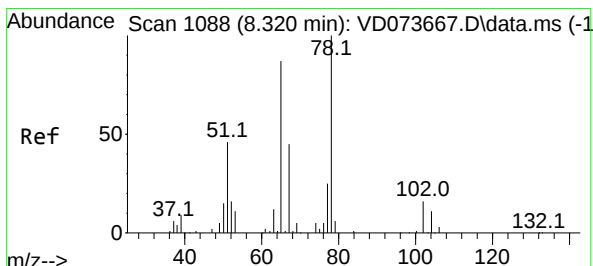
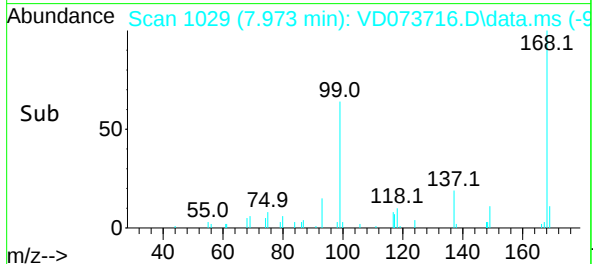
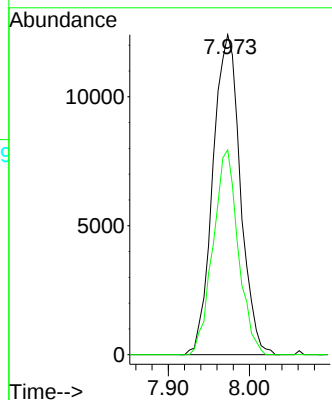


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073716.D
Acq: 25 Jun 2022 18:28

Instrument :
MSVOA_D
ClientSampleId :
SP-EXC-2-3

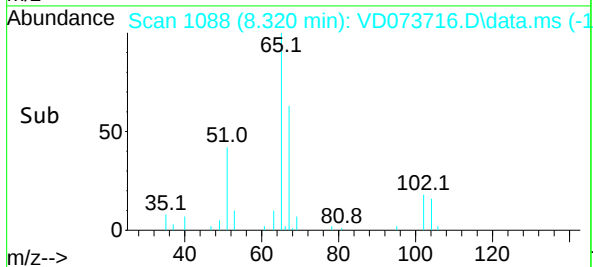
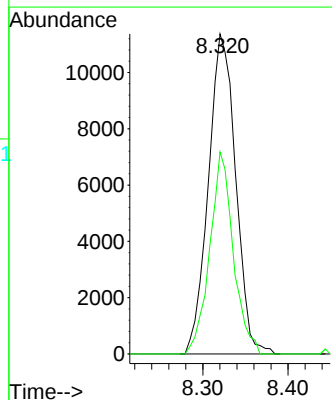
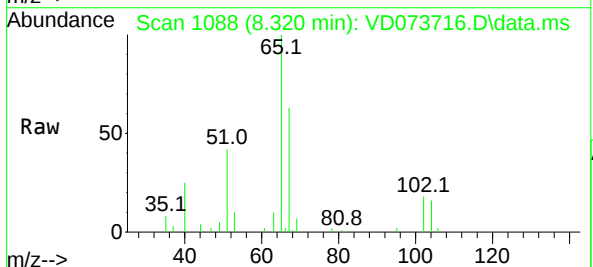


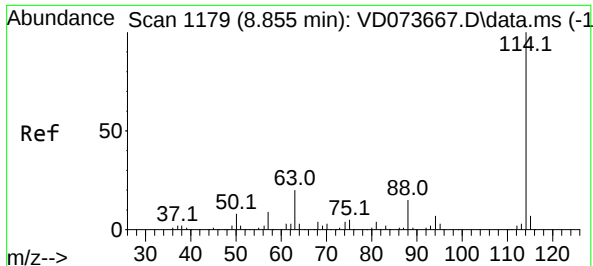
Tgt Ion:168 Resp: 29173
Ion Ratio Lower Upper
168 100
99 64.0 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 70.657 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD073716.D
Acq: 25 Jun 2022 18:28

Tgt Ion: 65 Resp: 25317
Ion Ratio Lower Upper
65 100
67 54.5 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073716.D

Acq: 25 Jun 2022 18:28

Instrument :

MSVOA_D

ClientSampleId :

SP-EXC-2-3

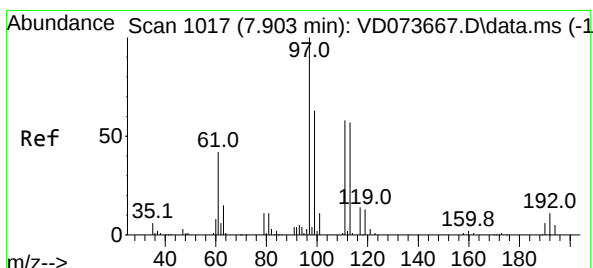
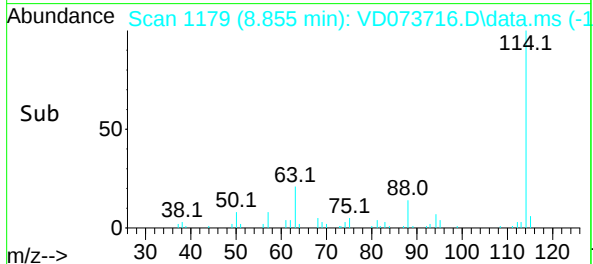
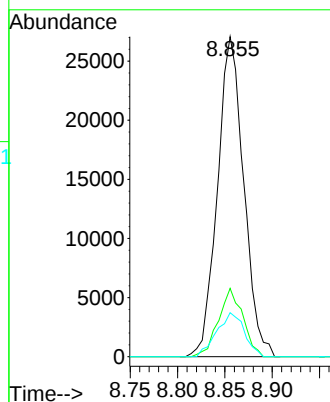
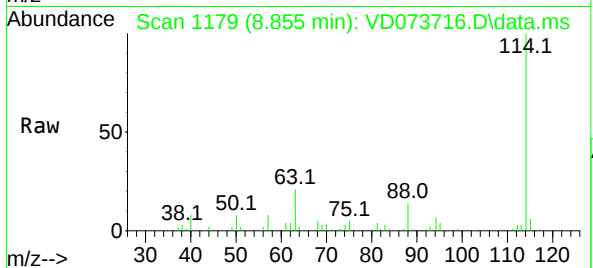
Tgt Ion:114 Resp: 52241

Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.2

88 13.7 0.0 29.4



#35

Dibromofluoromethane

Concen: 51.966 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD073716.D

Acq: 25 Jun 2022 18:28

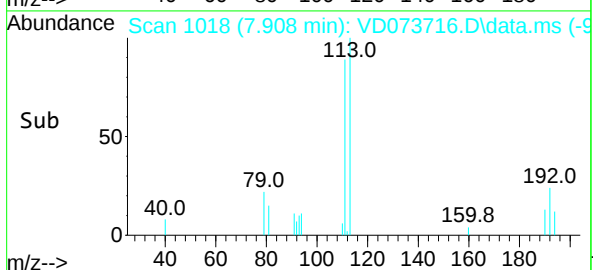
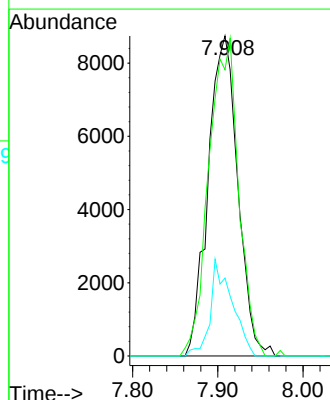
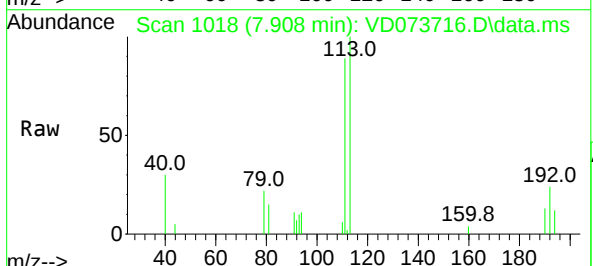
Tgt Ion:113 Resp: 21148

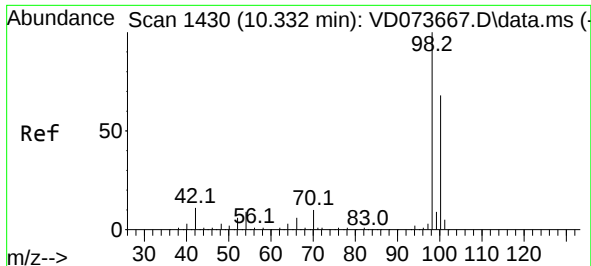
Ion Ratio Lower Upper

113 100

111 99.5 81.8 122.6

192 22.1 14.8 22.2

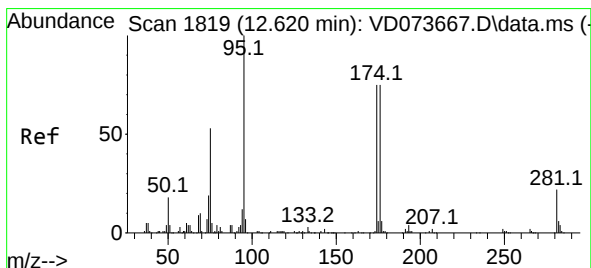
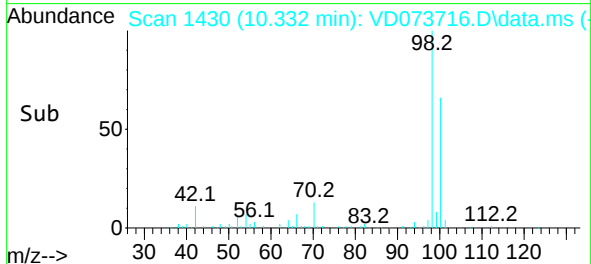
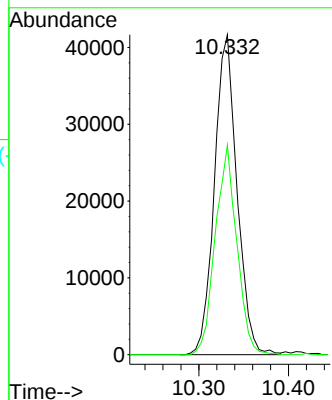
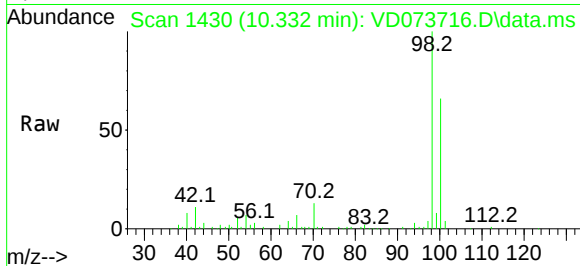




#50
Toluene-d8
Concen: 49.819 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073716.D
Acq: 25 Jun 2022 18:28

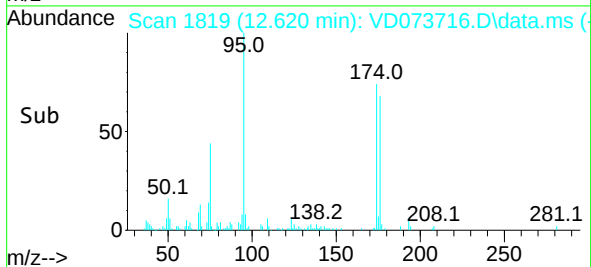
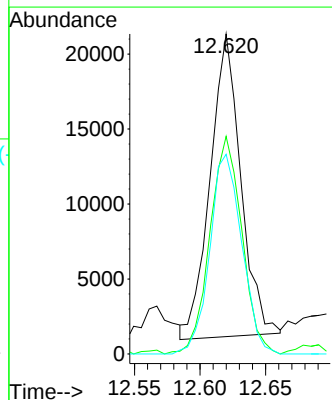
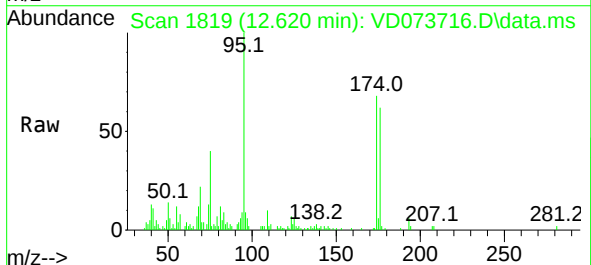
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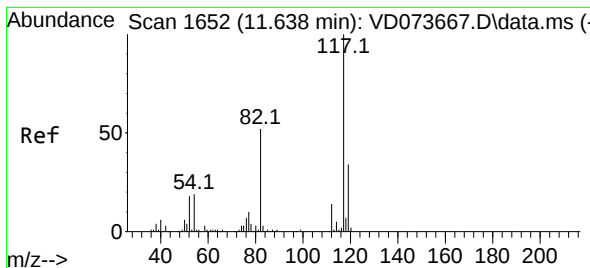
Tgt Ion: 98 Resp: 72795
Ion Ratio Lower Upper
98 100
100 62.5 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 59.804 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073716.D
Acq: 25 Jun 2022 18:28

Tgt Ion: 95 Resp: 32775
Ion Ratio Lower Upper
95 100
174 74.9 0.0 158.4
176 68.9 0.0 154.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073716.D

Acq: 25 Jun 2022 18:28

Instrument :

MSVOA_D

ClientSampleId :

SP-EXC-2-3

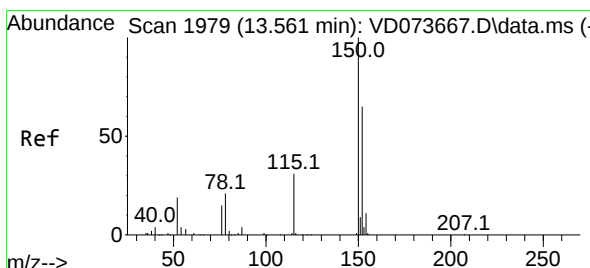
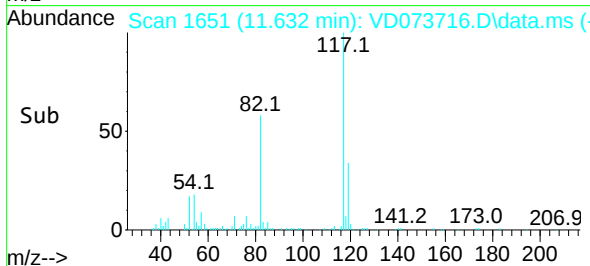
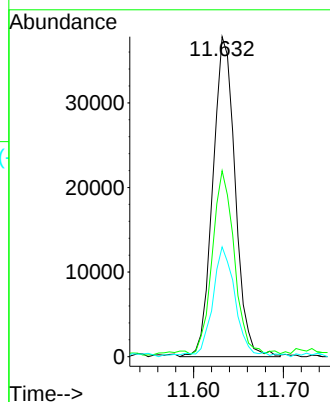
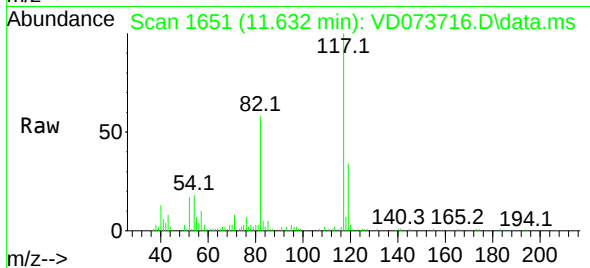
Tgt Ion:117 Resp: 65475

Ion Ratio Lower Upper

117 100

82 57.2 41.5 62.3

119 33.7 27.1 40.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VD073716.D

Acq: 25 Jun 2022 18:28

Tgt Ion:152 Resp: 34956

Ion Ratio Lower Upper

152 100

115 54.2 30.6 91.6

150 142.8 0.0 355.0

