

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
 Data File : VD071654.D
 Acq On : 10 Jan 2022 13:01
 Operator : VA/SY
 Sample : N1064-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-010622

Quant Time: Jan 11 04:07:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

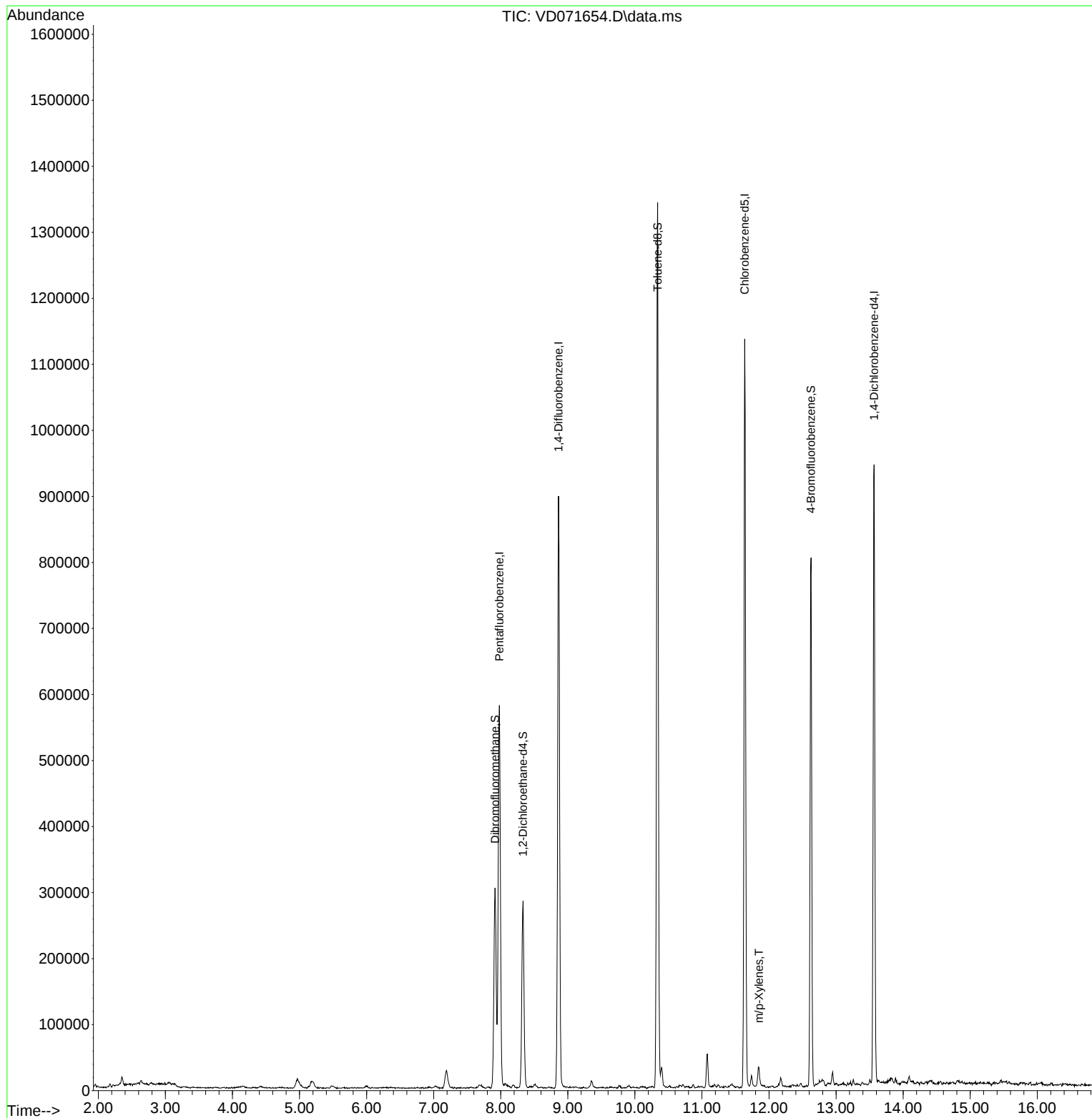
Internal Standards						
1) Pentafluorobenzene	7.979	168	395046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	691976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	580831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	226185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	225469	44.356	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.720%
35) Dibromofluoromethane	7.914	113	212227	46.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.820%
50) Toluene-d8	10.338	98	854799	49.934	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.860%
62) 4-Bromofluorobenzene	12.626	95	251123	41.631	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.260%
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.849	106	8465	1.115	ug/l	97

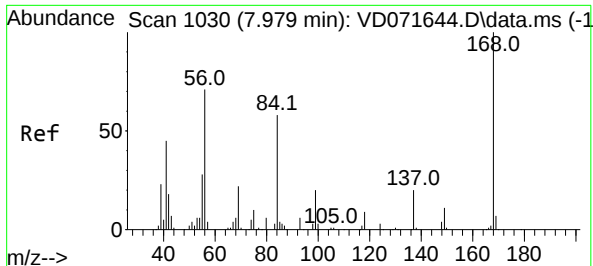
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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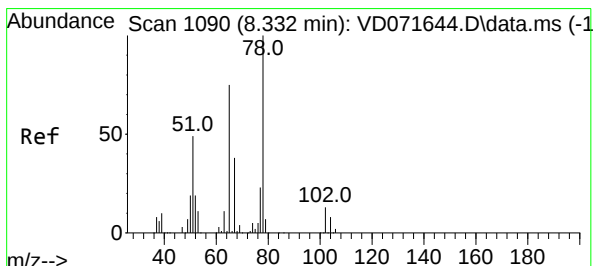
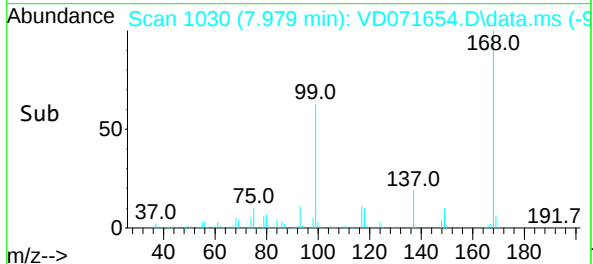
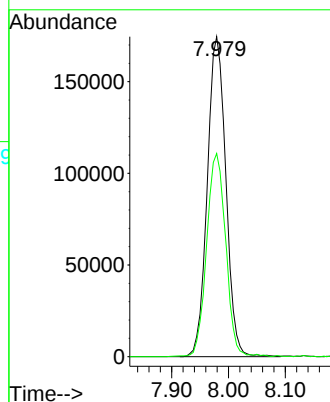
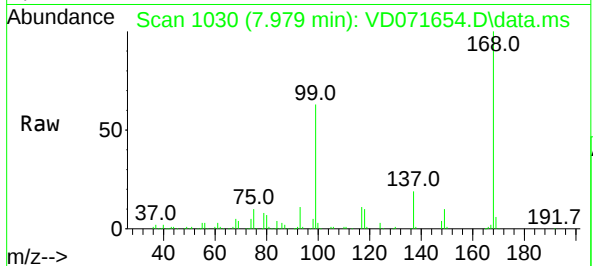




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071654.D
Acq: 10 Jan 2022 13:01

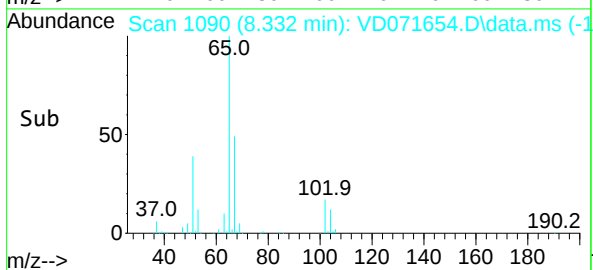
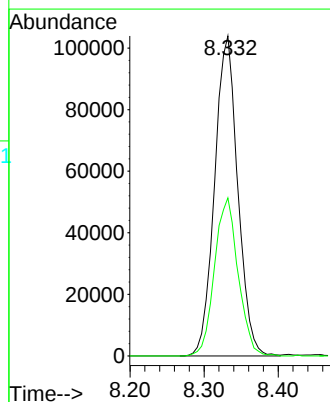
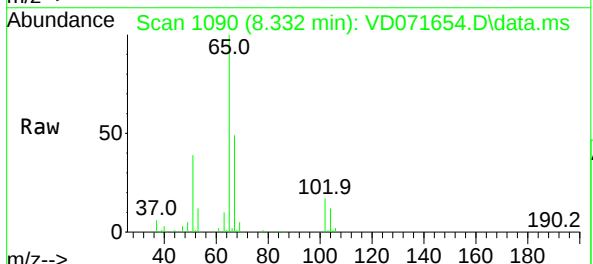
Instrument :
MSVOA_D
ClientSampleId :
HD-02-010622

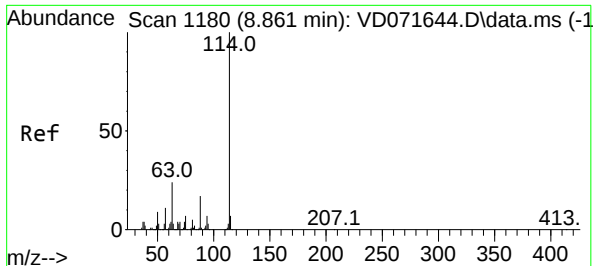
Tgt Ion:168 Resp: 395046
Ion Ratio Lower Upper
168 100
99 63.3 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 44.356 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD071654.D
Acq: 10 Jan 2022 13:01

Tgt Ion: 65 Resp: 225469
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071654.D

Acq: 10 Jan 2022 13:01

Instrument :

MSVOA_D

ClientSampleId :

HD-02-010622

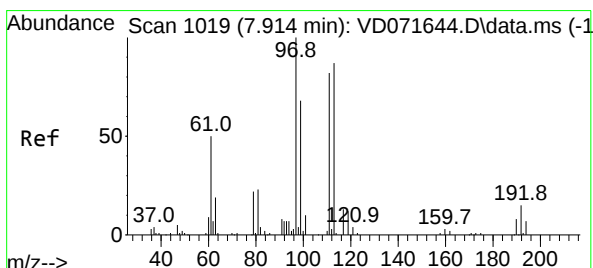
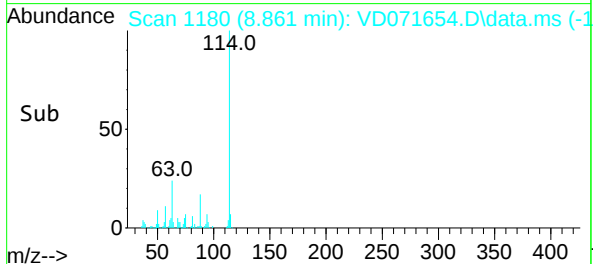
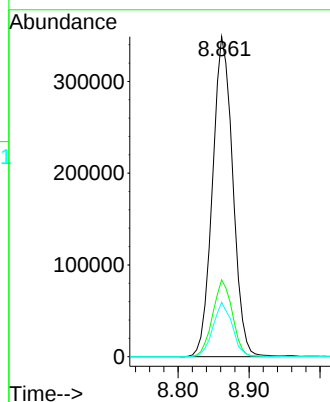
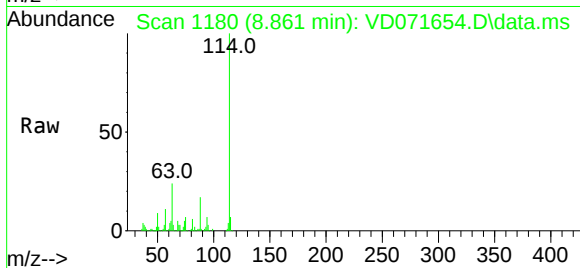
Tgt Ion:114 Resp: 691976

Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.2

88 17.0 0.0 32.0



#35

Dibromofluoromethane

Concen: 46.408 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071654.D

Acq: 10 Jan 2022 13:01

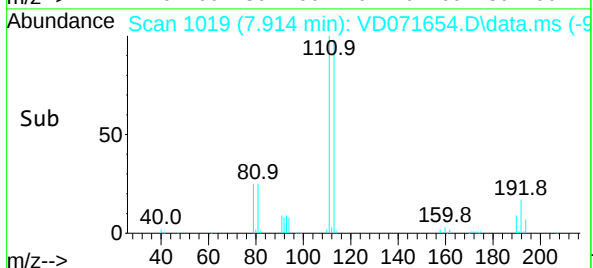
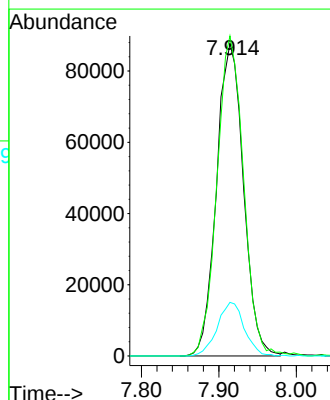
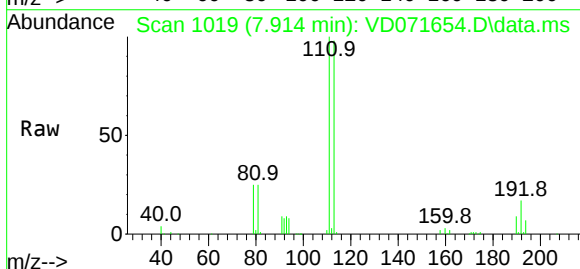
Tgt Ion:113 Resp: 212227

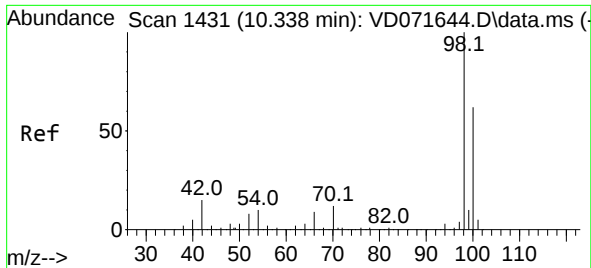
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 17.3 14.2 21.2

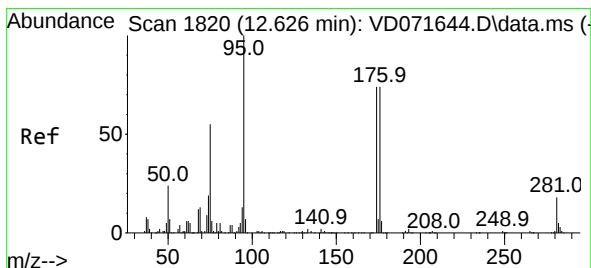
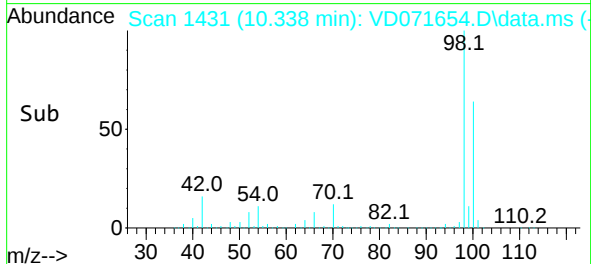
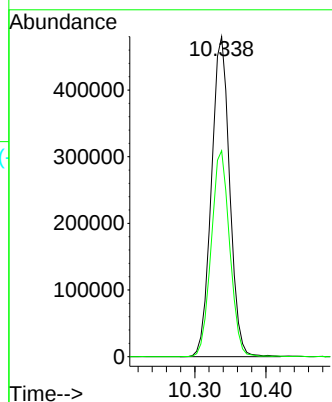
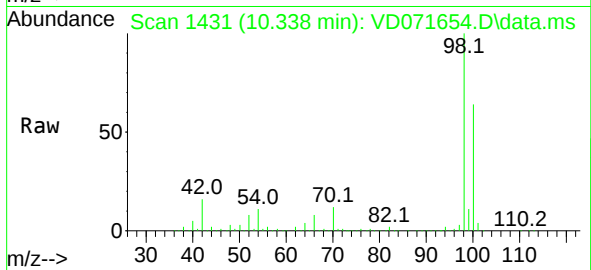




#50
Toluene-d8
Concen: 49.934 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071654.D
Acq: 10 Jan 2022 13:01

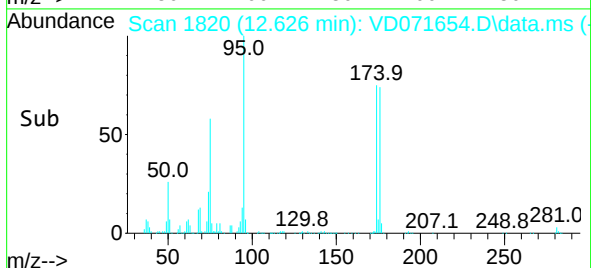
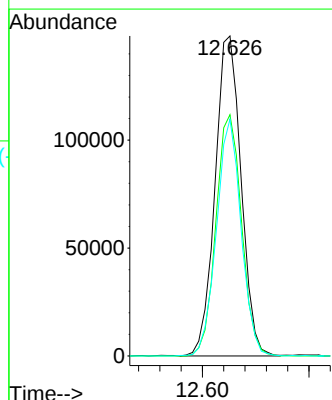
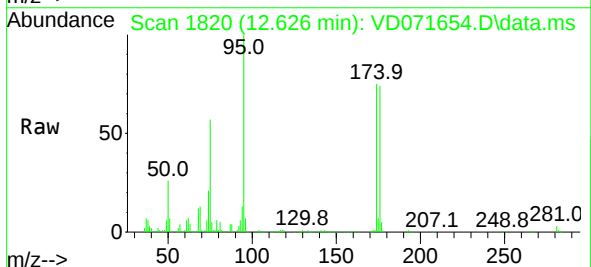
Instrument :
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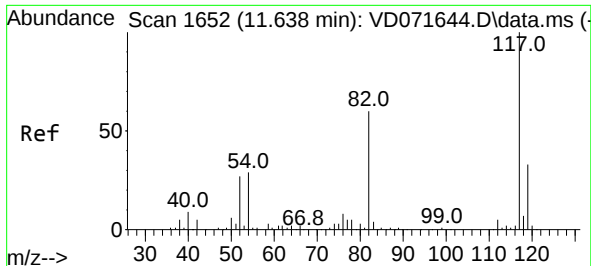
Tgt Ion: 98 Resp: 854799
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.631 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071654.D
Acq: 10 Jan 2022 13:01

Tgt Ion: 95 Resp: 251123
Ion Ratio Lower Upper
95 100
174 74.2 0.0 150.0
176 70.0 0.0 146.4

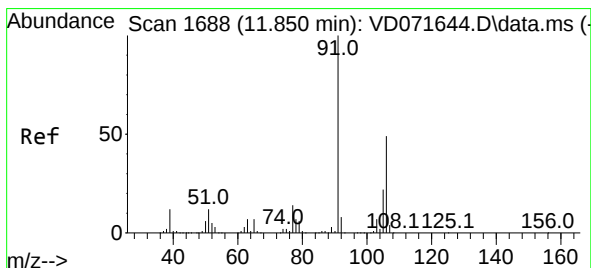
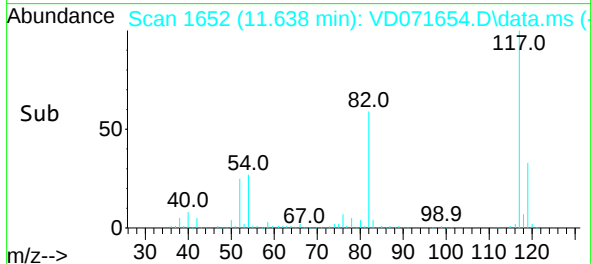
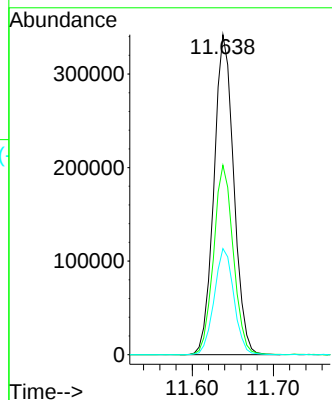
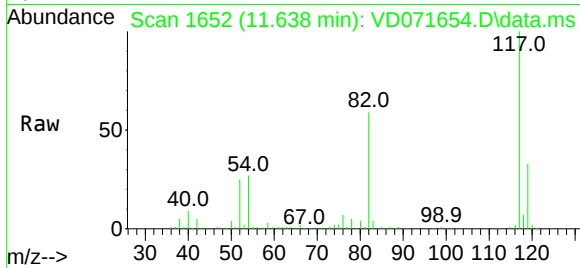




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071654.D
Acq: 10 Jan 2022 13:01

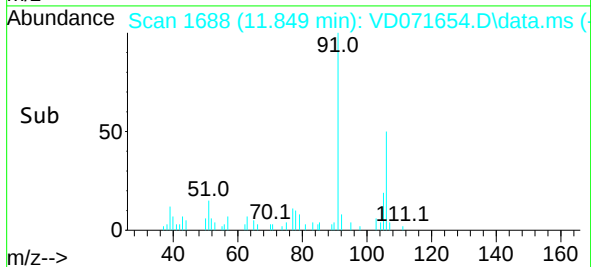
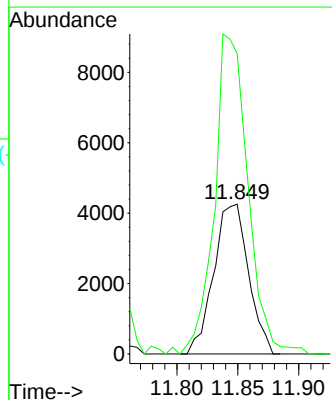
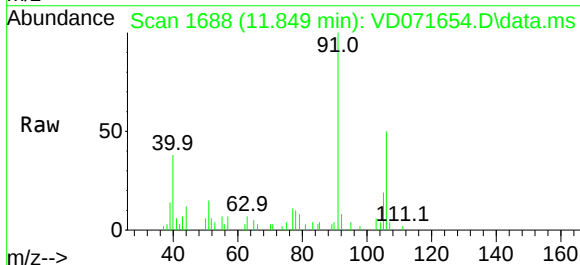
Instrument :
MSVOA_D
ClientSampleId :
HD-02-010622

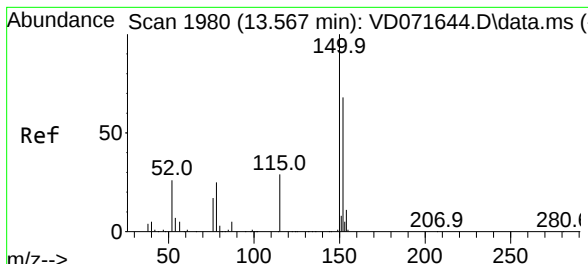
Tgt Ion:117 Resp: 580831
Ion Ratio Lower Upper
117 100
82 59.2 46.9 70.3
119 33.1 26.6 39.8



#68
m/p-Xylenes
Concen: 1.115 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD071654.D
Acq: 10 Jan 2022 13:01

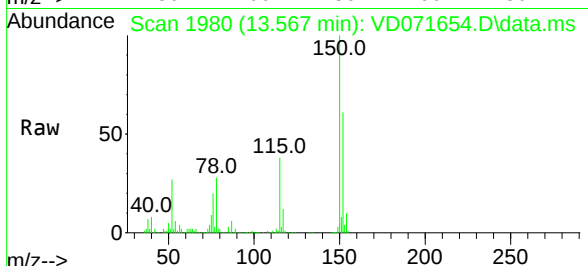
Tgt Ion:106 Resp: 8465
Ion Ratio Lower Upper
106 100
91 205.5 168.6 252.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD071654.D
 Acq: 10 Jan 2022 13:01

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-010622



Tgt Ion:	152	Resp:	226185
Ion	Ratio	Lower	Upper
152	100		
115	63.8	31.5	94.5
150	162.3	0.0	348.0

