

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
 Data File : VD068608.D
 Acq On : 12 Mar 2021 16:01
 Operator : VA/SY
 Sample : M1673-01
 Misc : 4.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-040-RW6-IDWSO-20210311

Quant Time: Mar 12 23:36:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	132421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	232008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	238004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	124094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	75584	57.13	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.26%
35) Dibromofluoromethane	7.914	113	78101	55.88	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.76%
50) Toluene-d8	10.344	98	300048	53.90	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.80%
62) 4-Bromofluorobenzene	12.632	95	101134	56.37	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.74%

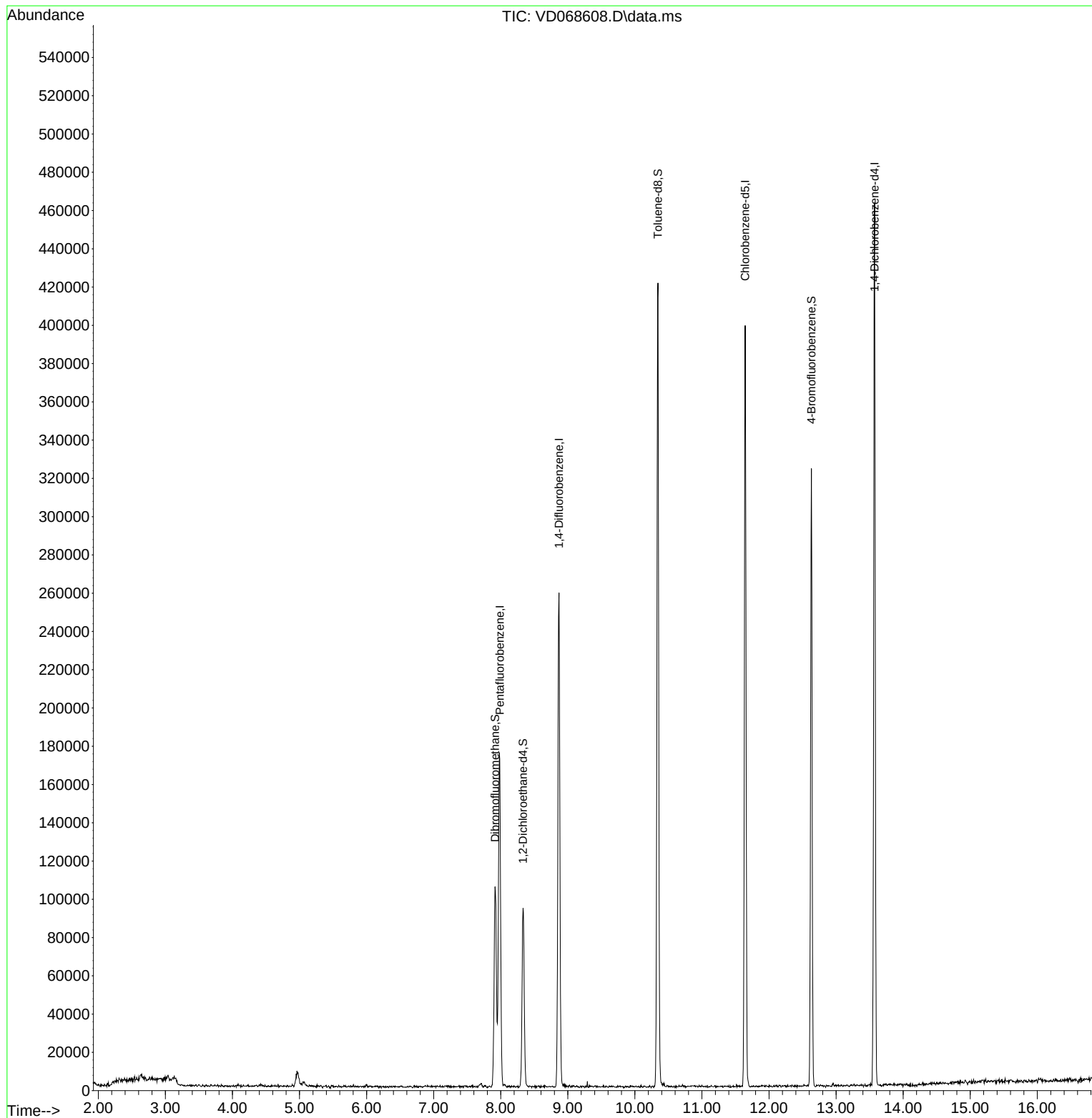
Target Compounds	Qvalue

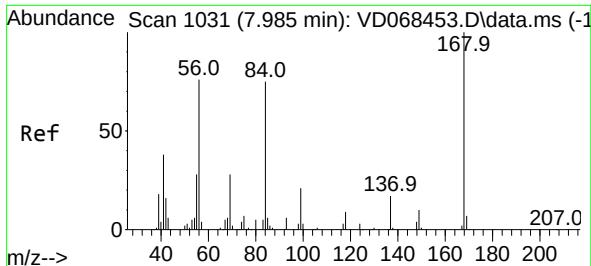
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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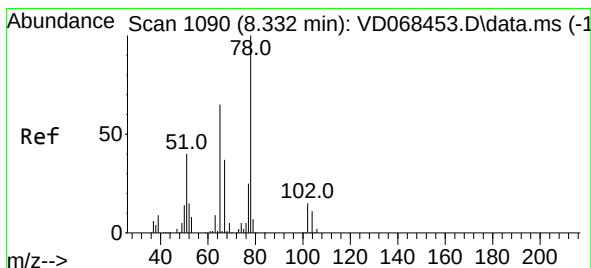
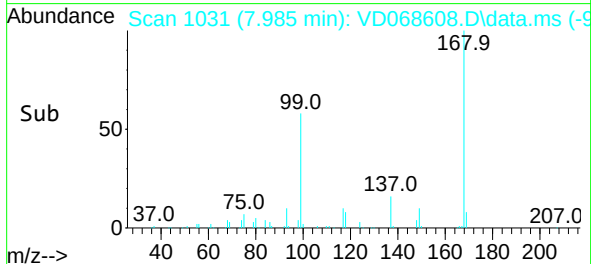
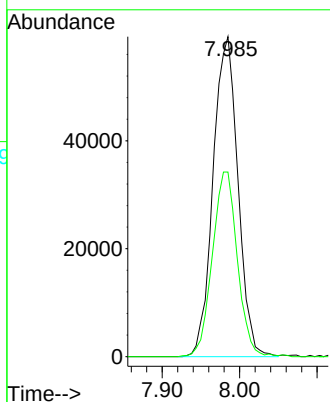
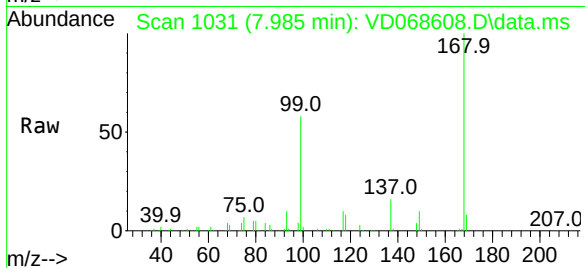




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068608.D
Acq: 12 Mar 2021 16:01

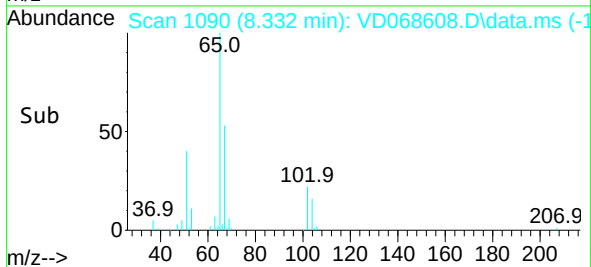
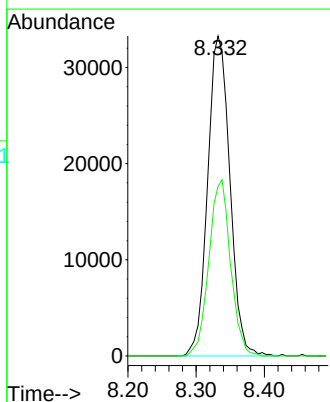
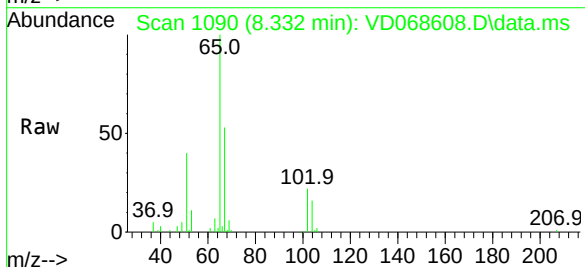
Instrument :
MSVOA_D
ClientSampleId :
TT-040-RW6-IDWSO-20210311

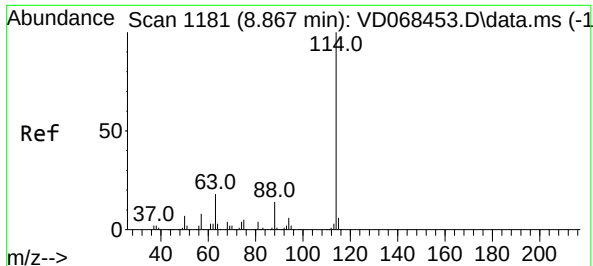
Tgt Ion:168 Resp: 132421
Ion Ratio Lower Upper
168 100
99 57.7 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 57.13 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068608.D
Acq: 12 Mar 2021 16:01

Tgt Ion: 65 Resp: 75584
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD068608.D

Acq: 12 Mar 2021 16:01

Tgt Ion:114 Resp: 232008

Ion Ratio Lower Upper

114 100

63 16.4 0.0 34.8

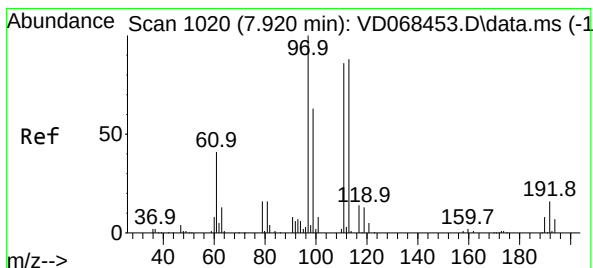
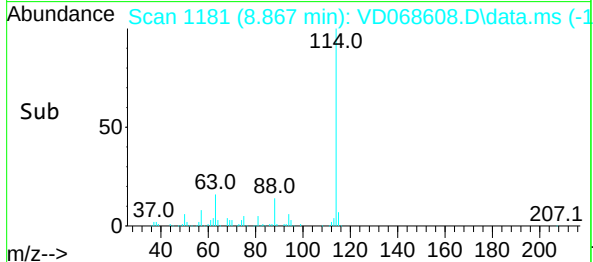
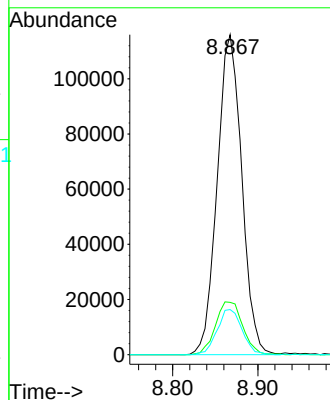
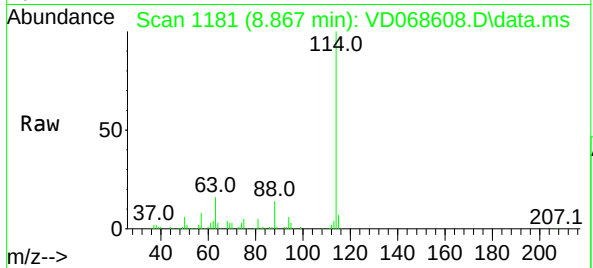
88 14.1 0.0 31.6

Instrument :

MSVOA_D

ClientSampleId :

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#35

Dibromofluoromethane

Concen: 55.88 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD068608.D

Acq: 12 Mar 2021 16:01

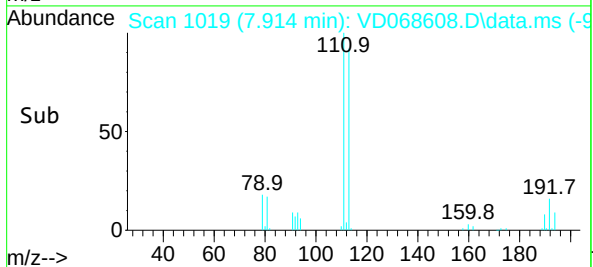
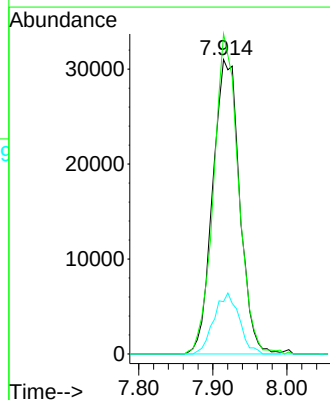
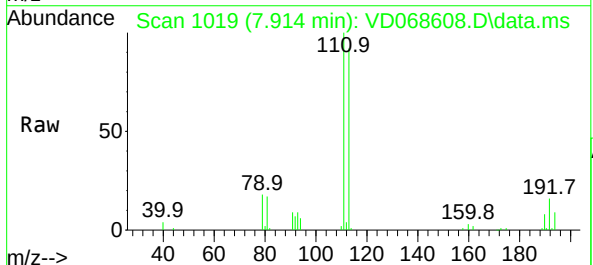
Tgt Ion:113 Resp: 78101

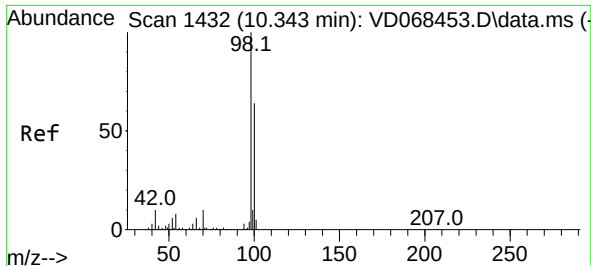
Ion Ratio Lower Upper

113 100

111 100.8 81.4 122.0

192 19.4 16.1 24.1

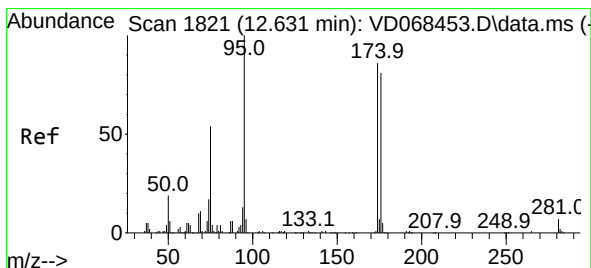
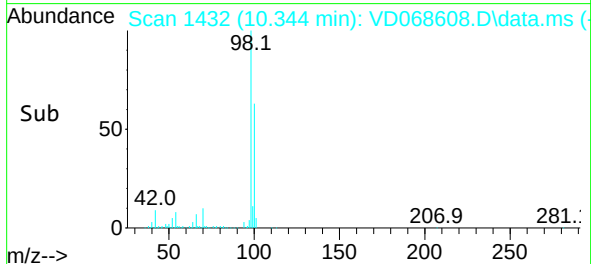
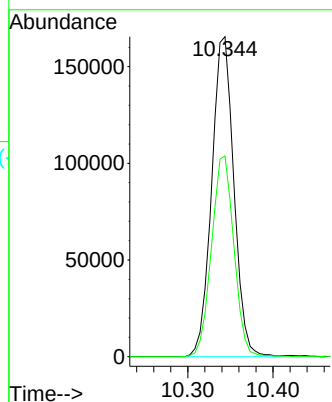
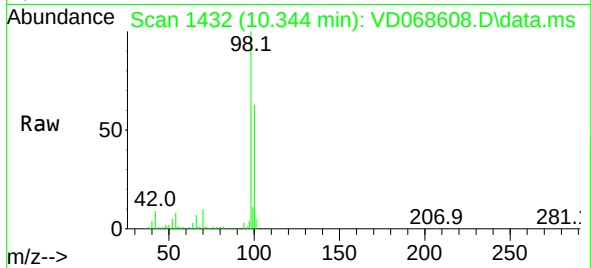




#50
Toluene-d8
Concen: 53.90 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068608.D
Acq: 12 Mar 2021 16:01

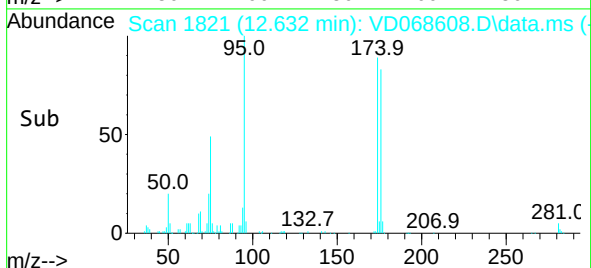
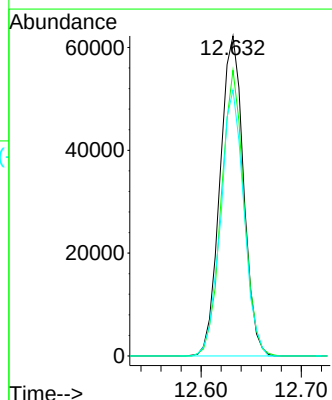
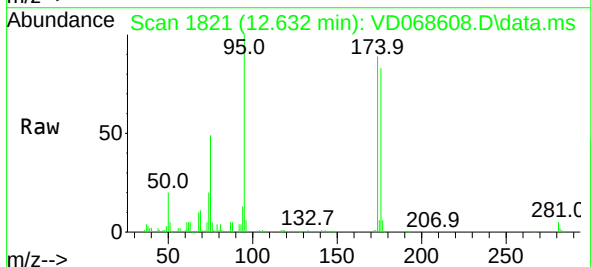
Instrument :
MSVOA_D
ClientSampleId :
TT-040-RW6-IDWSO-20210311

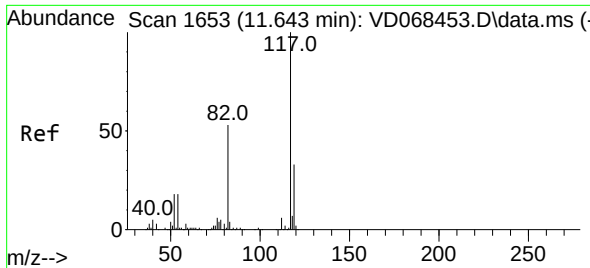
Tgt Ion: 98 Resp: 300048
Ion Ratio Lower Upper
98 100
100 63.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.37 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068608.D
Acq: 12 Mar 2021 16:01

Tgt Ion: 95 Resp: 101134
Ion Ratio Lower Upper
95 100
174 85.9 0.0 172.4
176 82.4 0.0 168.4

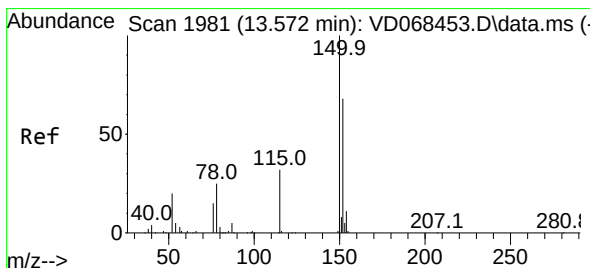
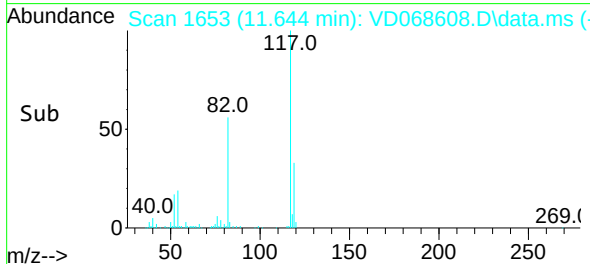
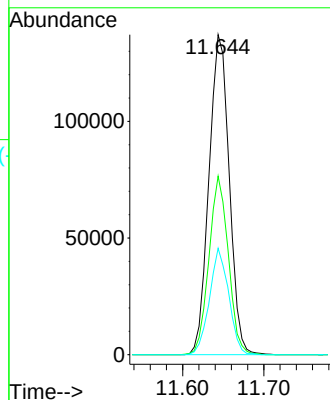
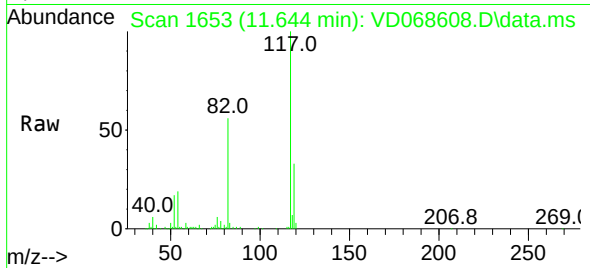




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068608.D
Acq: 12 Mar 2021 16:01

Instrument :
MSVOA_D
ClientSampleId :
TT-040-RW6-IDWSO-20210311

Tgt Ion:117 Resp: 238004
Ion Ratio Lower Upper
117 100
82 55.8 41.4 62.0
119 33.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068608.D
Acq: 12 Mar 2021 16:01

Tgt Ion:152 Resp: 124094
Ion Ratio Lower Upper
152 100
115 58.4 28.9 86.8
150 160.6 0.0 344.4

