

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110321\
 Data File : VD070905.D
 Acq On : 03 Nov 2021 12:42
 Operator : VA/SY
 Sample : M4470-01
 Misc : 6.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

Quant Time: Nov 03 22:09:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	420398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	740373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	674525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	283462	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	207676	49.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.240%
35) Dibromofluoromethane	7.914	113	240535	49.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.540%
50) Toluene-d8	10.338	98	899322	48.968	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.940%
62) 4-Bromofluorobenzene	12.626	95	268666	44.337	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.680%

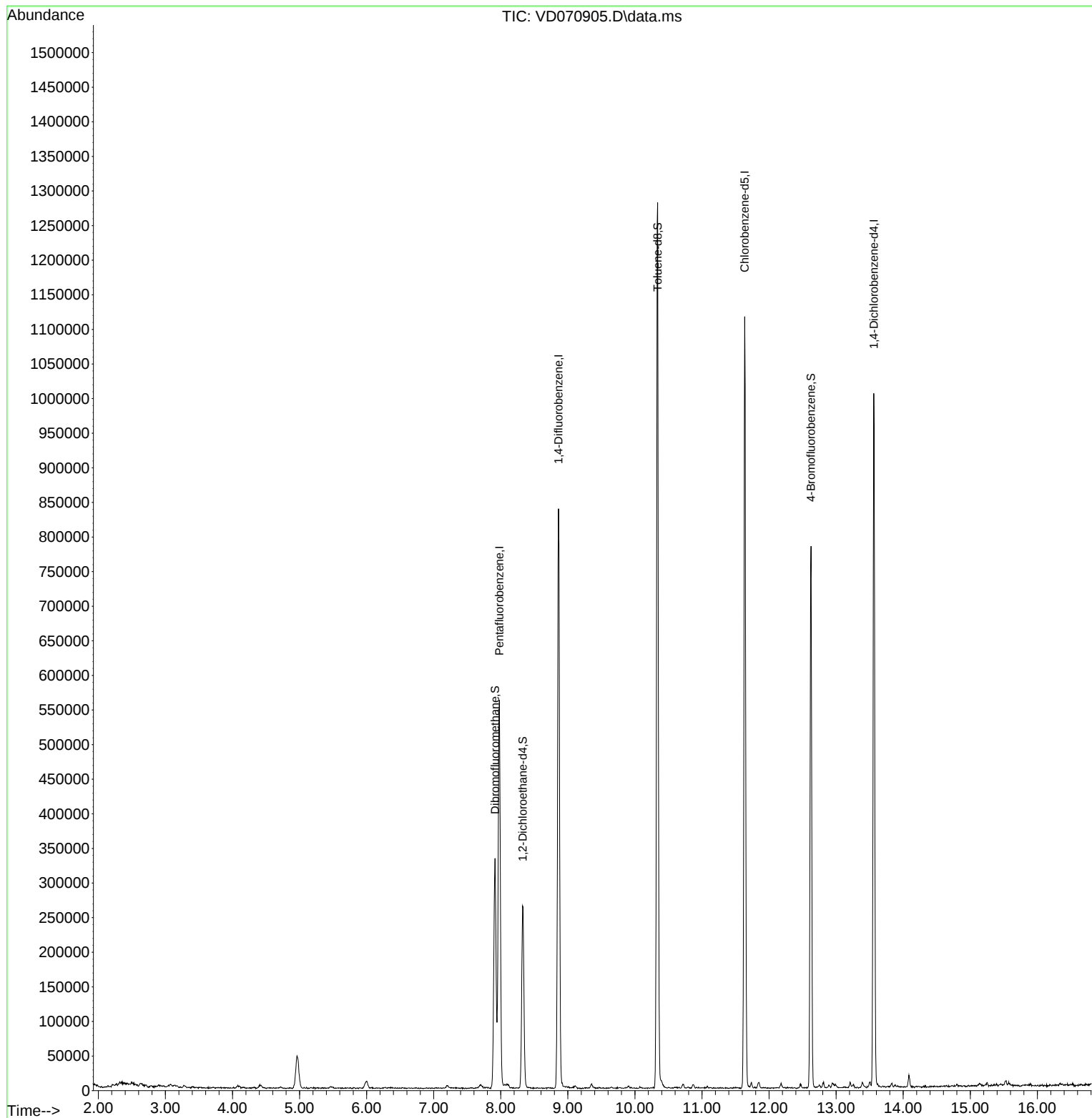
Target Compounds	Qvalue

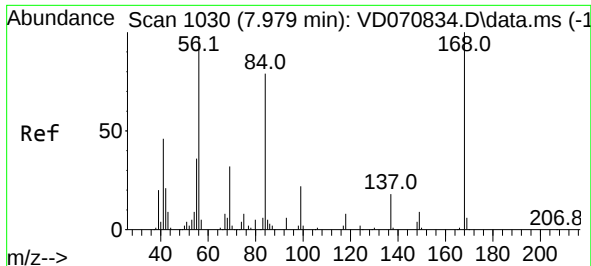
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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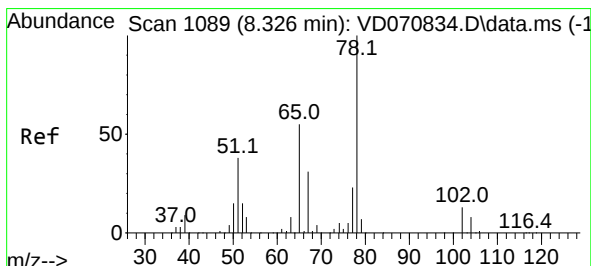
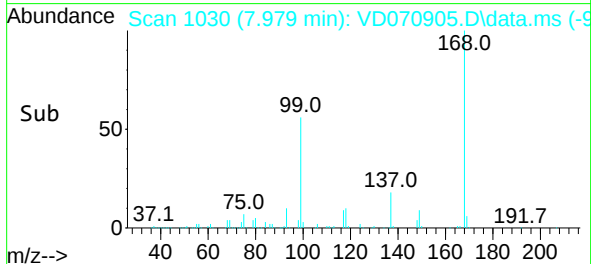
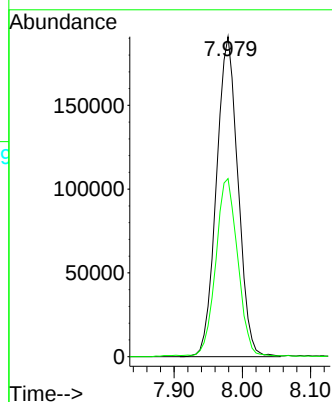
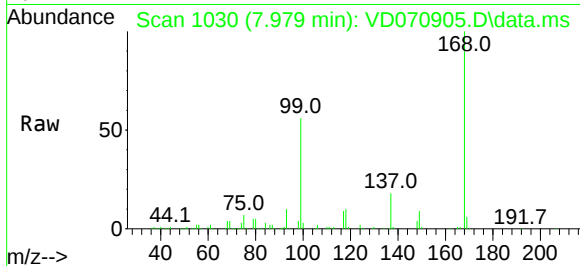




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070905.D
Acq: 03 Nov 2021 12:42

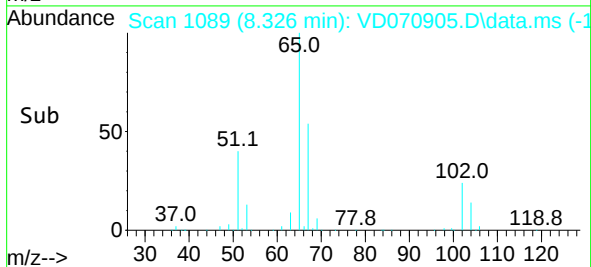
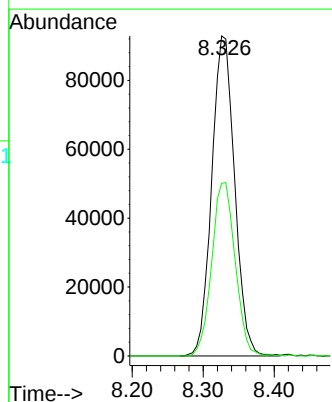
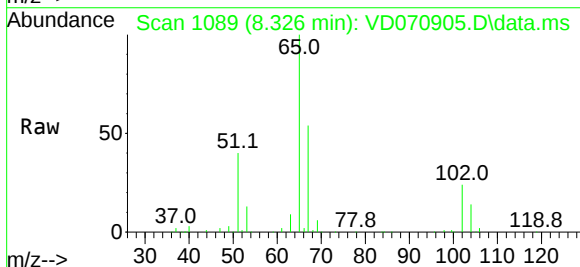
Instrument :
MSVOA_D
ClientSampleId :
SP-3

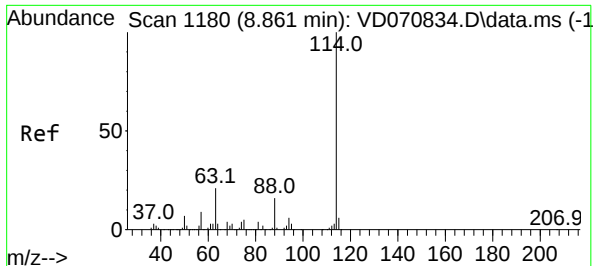
Tgt Ion:168 Resp: 420398
Ion Ratio Lower Upper
168 100
99 55.3 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 49.117 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070905.D
Acq: 03 Nov 2021 12:42

Tgt Ion: 65 Resp: 207676
Ion Ratio Lower Upper
65 100
67 55.4 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070905.D

Acq: 03 Nov 2021 12:42

Instrument :

MSVOA_D

ClientSampleId :

SP-3

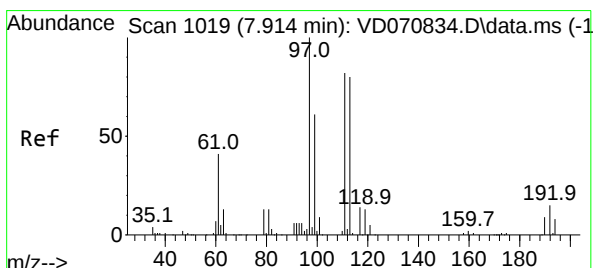
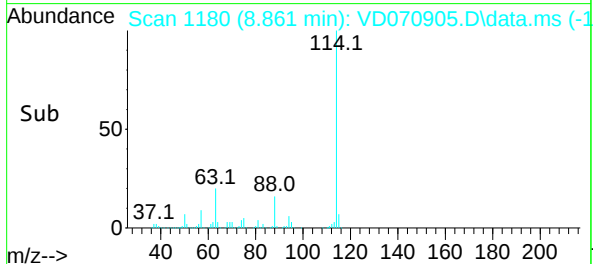
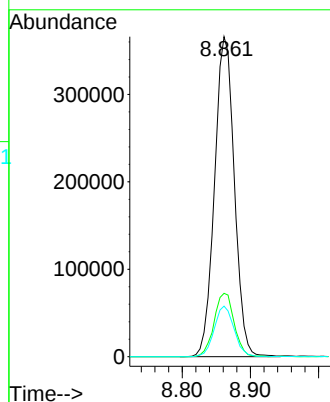
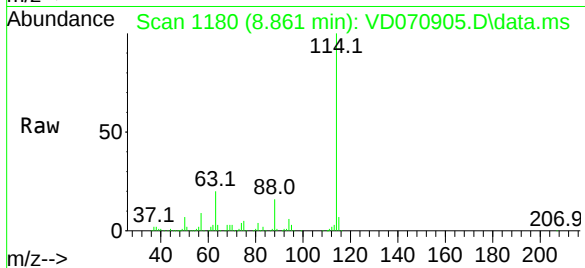
Tgt Ion:114 Resp: 740373

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.8

88 15.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.273 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070905.D

Acq: 03 Nov 2021 12:42

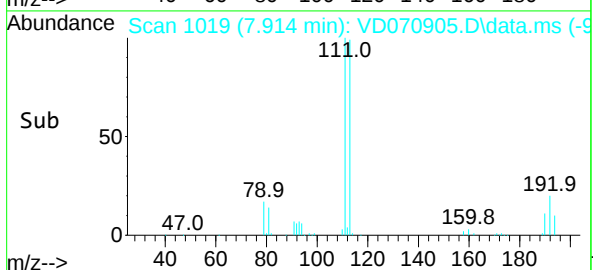
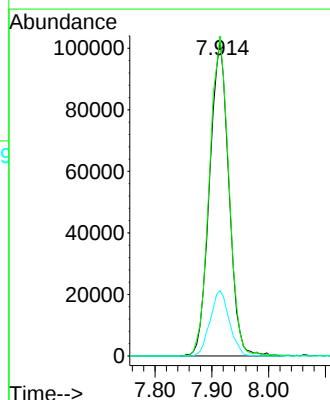
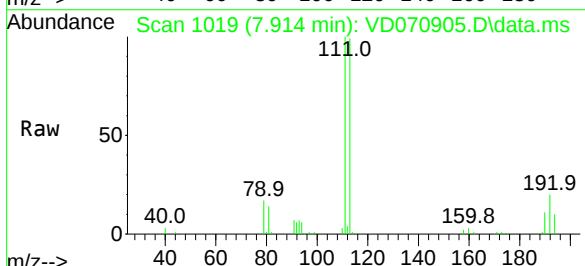
Tgt Ion:113 Resp: 240535

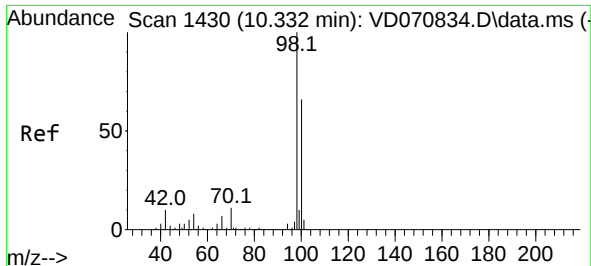
Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

192 20.6 15.2 22.8

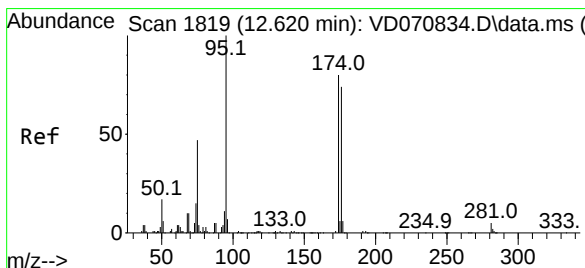
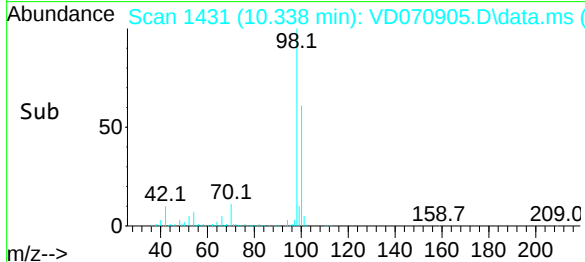
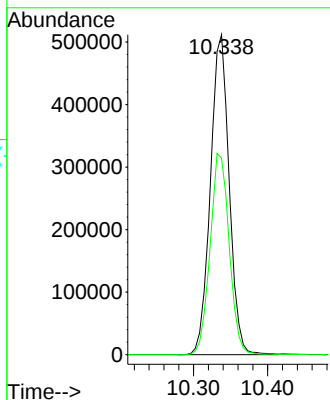
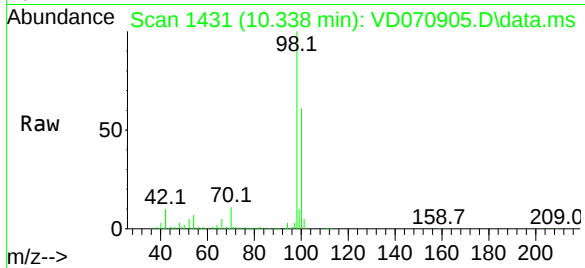




#50
Toluene-d8
Concen: 48.968 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD070905.D
Acq: 03 Nov 2021 12:42

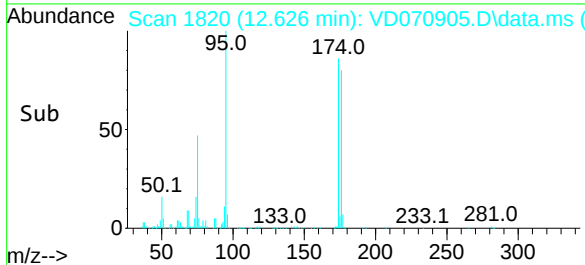
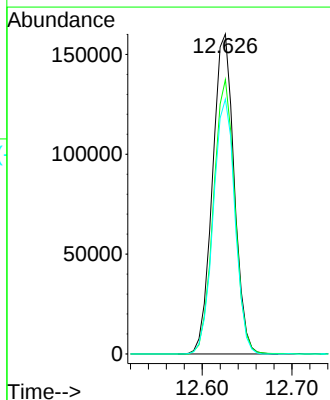
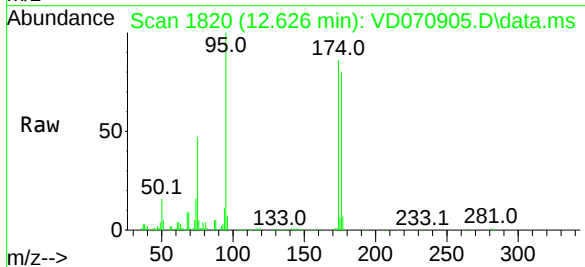
Instrument :
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ClientSampleId :
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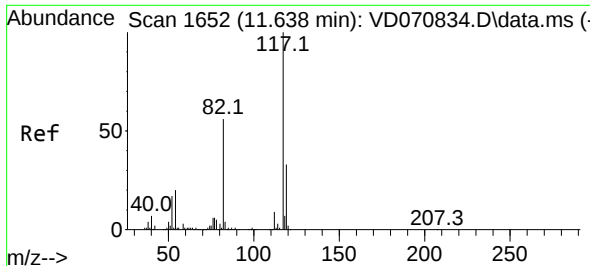
Tgt Ion: 98 Resp: 899322
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.337 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD070905.D
Acq: 03 Nov 2021 12:42

Tgt Ion: 95 Resp: 268666
Ion Ratio Lower Upper
95 100
174 84.4 0.0 159.4
176 79.5 0.0 154.0

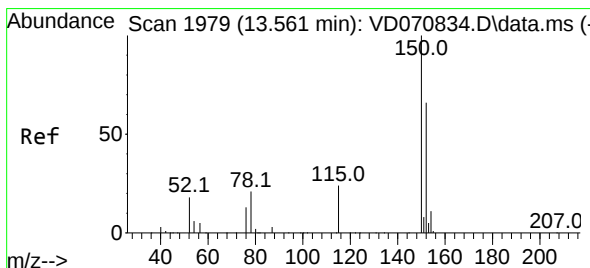
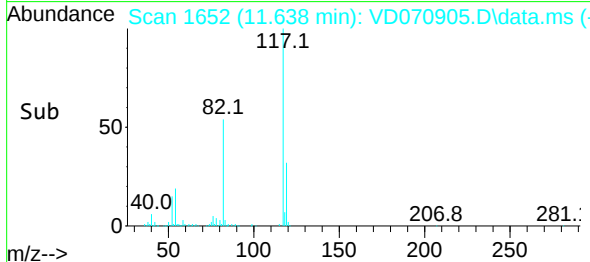
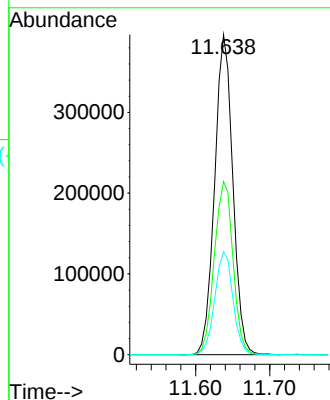
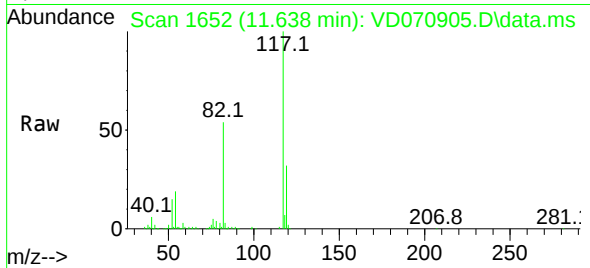




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD070905.D
Acq: 03 Nov 2021 12:42

Instrument :
MSVOA_D
ClientSampleId :
SP-3

Tgt Ion:117 Resp: 674525
Ion Ratio Lower Upper
117 100
82 54.1 44.7 67.1
119 32.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070905.D
Acq: 03 Nov 2021 12:42

Tgt Ion:152 Resp: 283462
Ion Ratio Lower Upper
152 100
115 57.5 29.8 89.3
150 154.4 0.0 349.2

