

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110321\
 Data File : VD070921.D
 Acq On : 03 Nov 2021 20:22
 Operator : VA/SY
 Sample : M4475-02
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB01B

Quant Time: Nov 03 22:16:34 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	7.973	168	49965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	87039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	98400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	44171	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	43537	86.637	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	173.280%#
35) Dibromofluoromethane	7.914	113	41148	71.700	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	143.400%
50) Toluene-d8	10.337	98	110718	51.280	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.560%
62) 4-Bromofluorobenzene	12.620	95	39745	55.792	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.580%

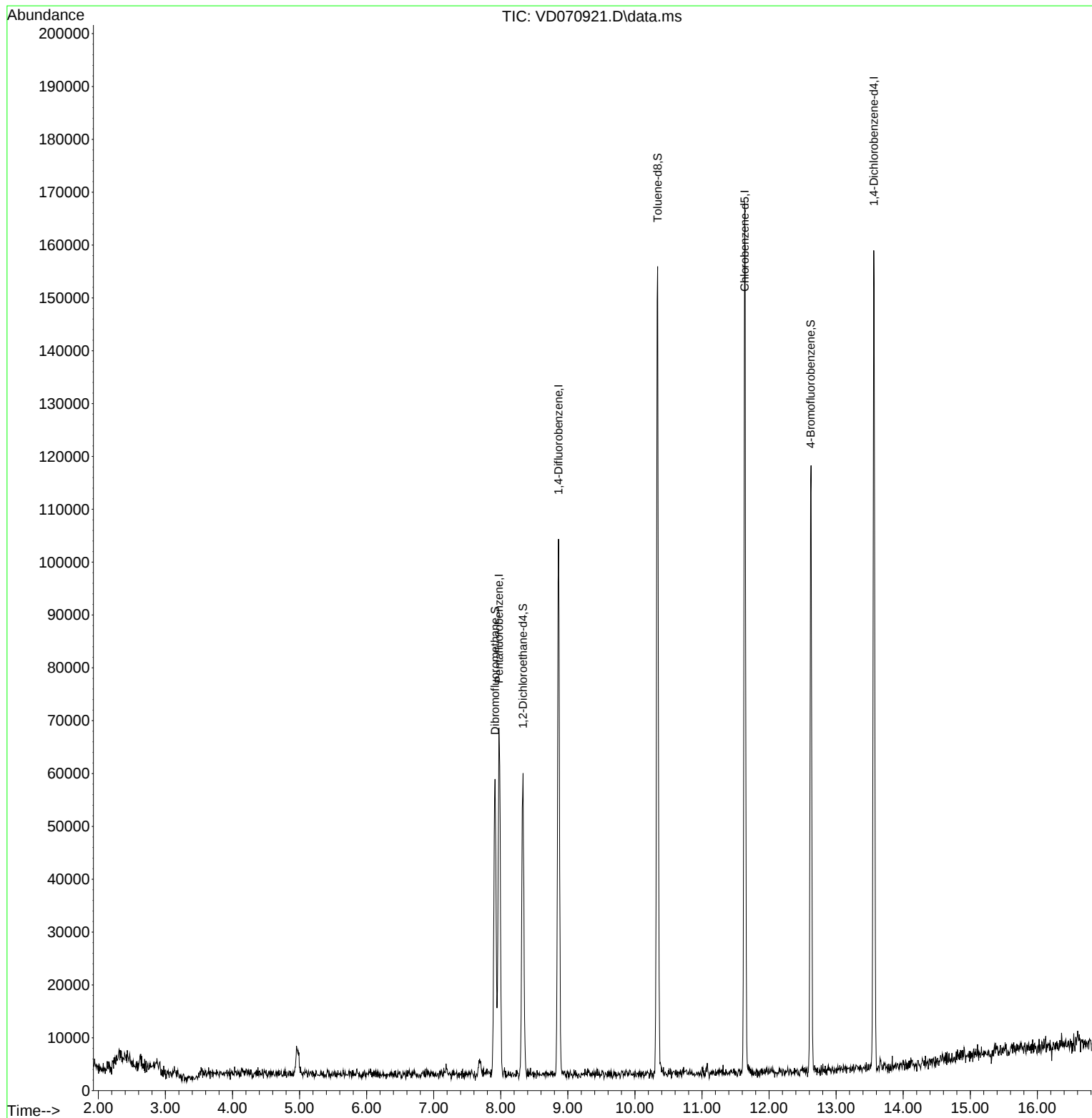
Target Compounds	Qvalue

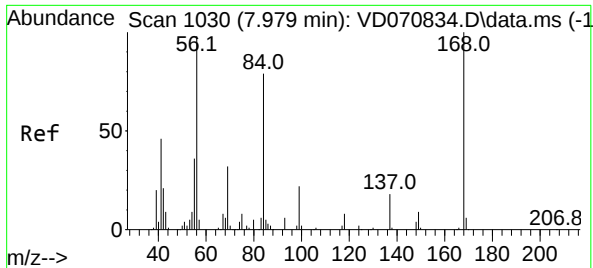
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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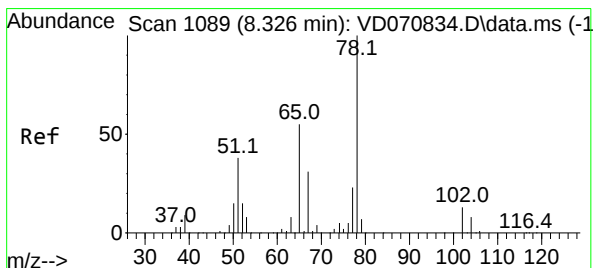
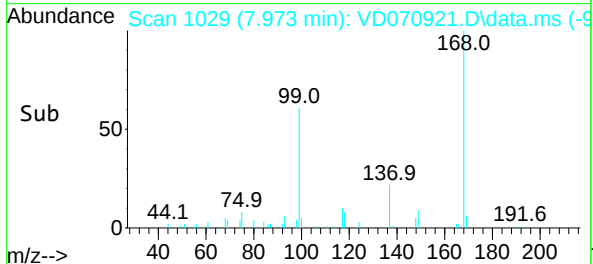
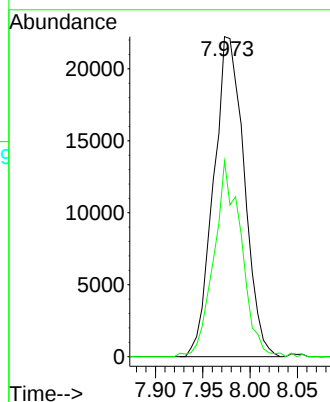
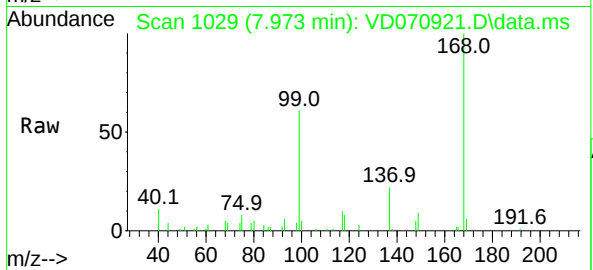




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070921.D
Acq: 03 Nov 2021 20:22

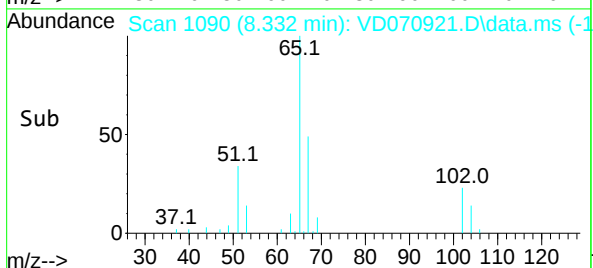
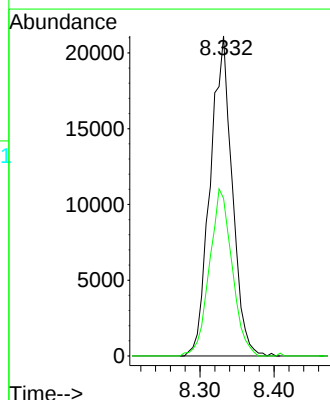
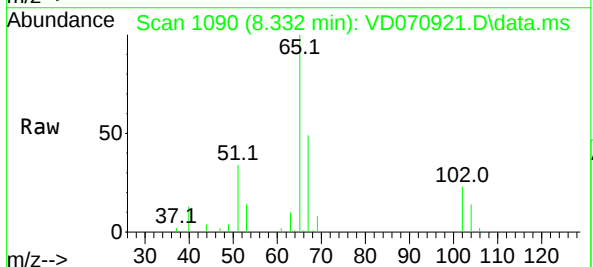
Instrument :
MSVOA_D
ClientSampleId :
SB01B

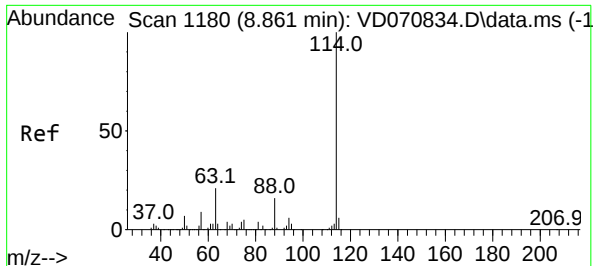
Tgt Ion:168 Resp: 49965
Ion Ratio Lower Upper
168 100
99 60.1 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 86.637 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070921.D
Acq: 03 Nov 2021 20:22

Tgt Ion: 65 Resp: 43537
Ion Ratio Lower Upper
65 100
67 53.6 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: VD070921.D

Acq: 03 Nov 2021 20:22

Instrument :

MSVOA_D

ClientSampleId :

SB01B

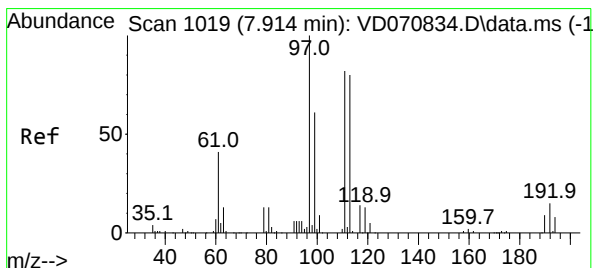
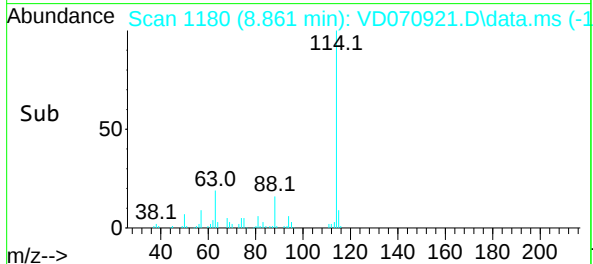
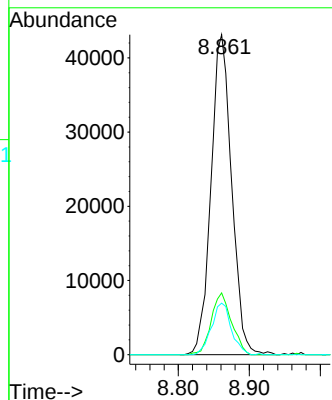
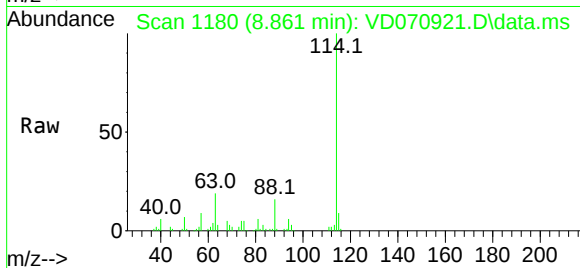
Tgt Ion:114 Resp: 87039

Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.8

88 16.1 0.0 32.8



#35

Dibromofluoromethane

Concen: 71.700 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070921.D

Acq: 03 Nov 2021 20:22

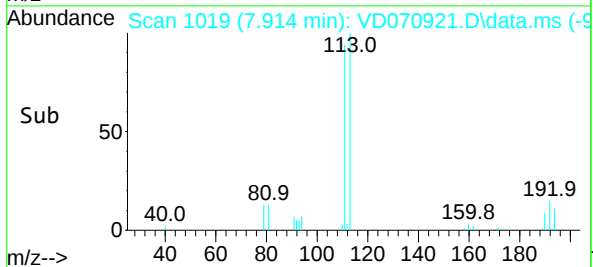
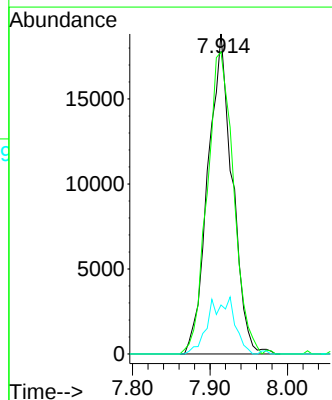
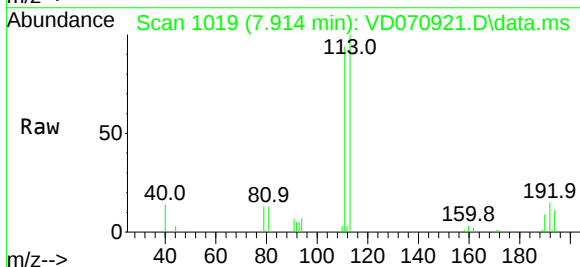
Tgt Ion:113 Resp: 41148

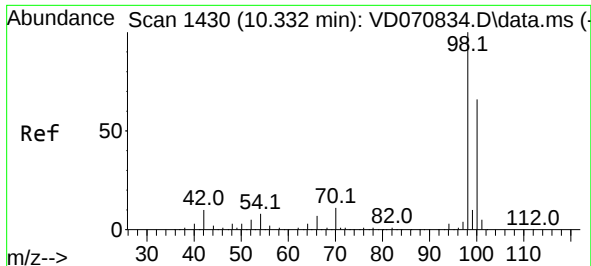
Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

192 18.8 15.2 22.8

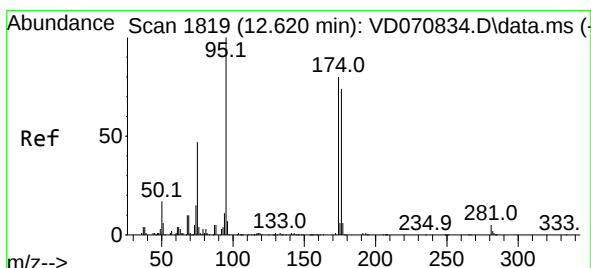
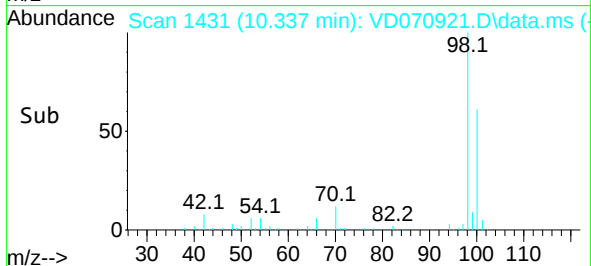
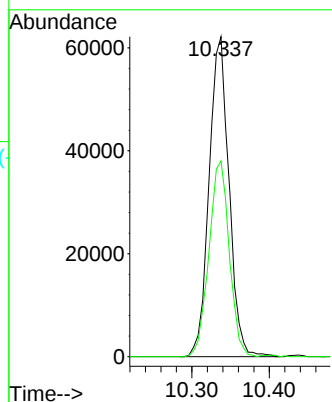
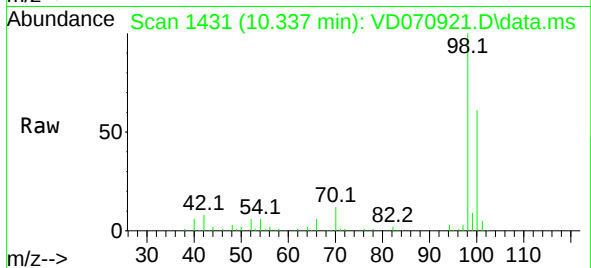




#50
Toluene-d8
Concen: 51.280 ug/l
RT: 10.337 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD070921.D
Acq: 03 Nov 2021 20:22

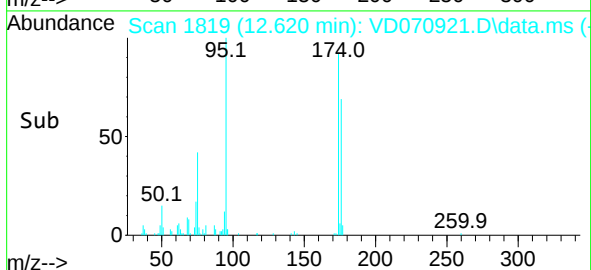
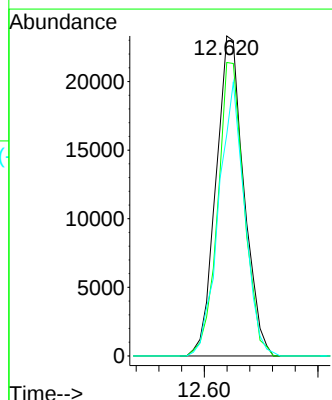
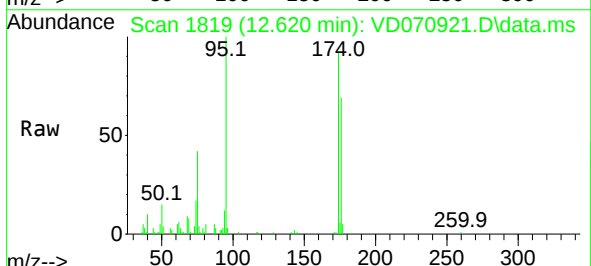
Instrument :
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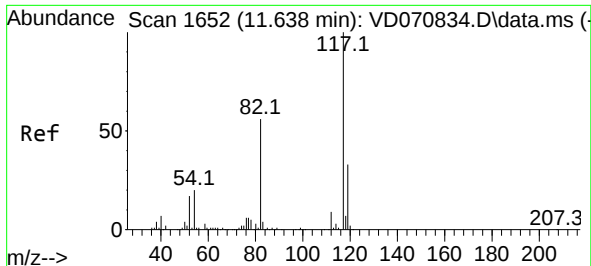
Tgt Ion: 98 Resp: 110718
Ion Ratio Lower Upper
98 100
100 62.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 55.792 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070921.D
Acq: 03 Nov 2021 20:22

Tgt Ion: 95 Resp: 39745
Ion Ratio Lower Upper
95 100
174 86.3 0.0 159.4
176 79.4 0.0 154.0

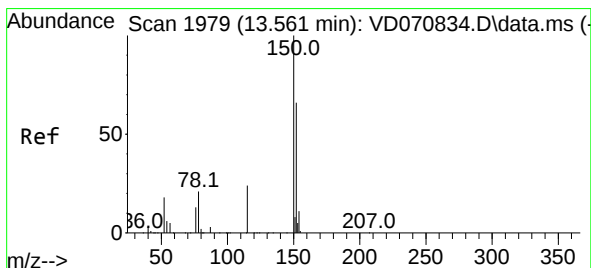
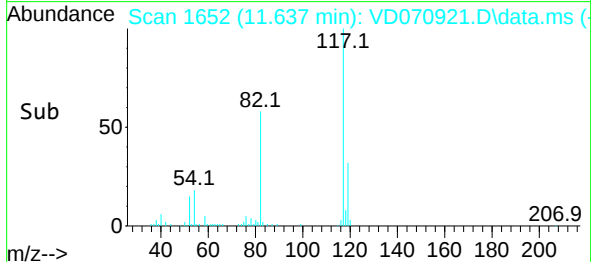
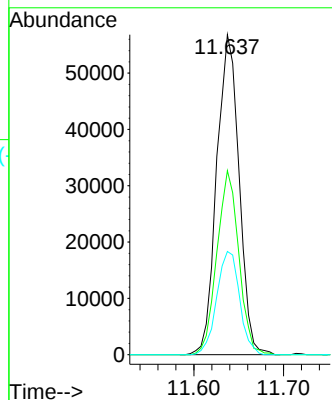
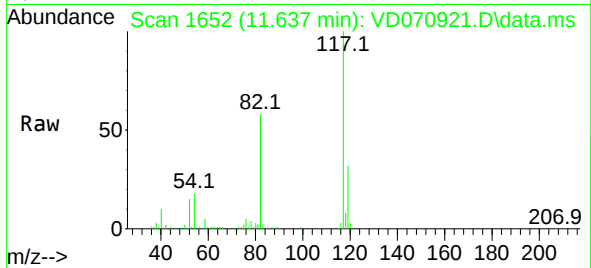




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD070921.D
Acq: 03 Nov 2021 20:22

Instrument :
MSVOA_D
ClientSampleId :
SB01B

Tgt Ion:117 Resp: 98400
Ion Ratio Lower Upper
117 100
82 57.5 44.7 67.1
119 32.2 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: VD070921.D
Acq: 03 Nov 2021 20:22

Tgt Ion:152 Resp: 44171
Ion Ratio Lower Upper
152 100
115 57.5 29.8 89.3
150 161.2 0.0 349.2

