

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110321\
 Data File : VD070906.D
 Acq On : 03 Nov 2021 13:11
 Operator : VA/SY
 Sample : M4470-04
 Misc : 5.49G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2

Quant Time: Nov 03 22:09:32 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	116480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	189374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	197093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	77159	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	85648	73.110	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.220%
35) Dibromofluoromethane	7.915	113	79186	63.418	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.840%
50) Toluene-d8	10.338	98	235671	50.169	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.340%
62) 4-Bromofluorobenzene	12.626	95	73502	47.422	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.840%

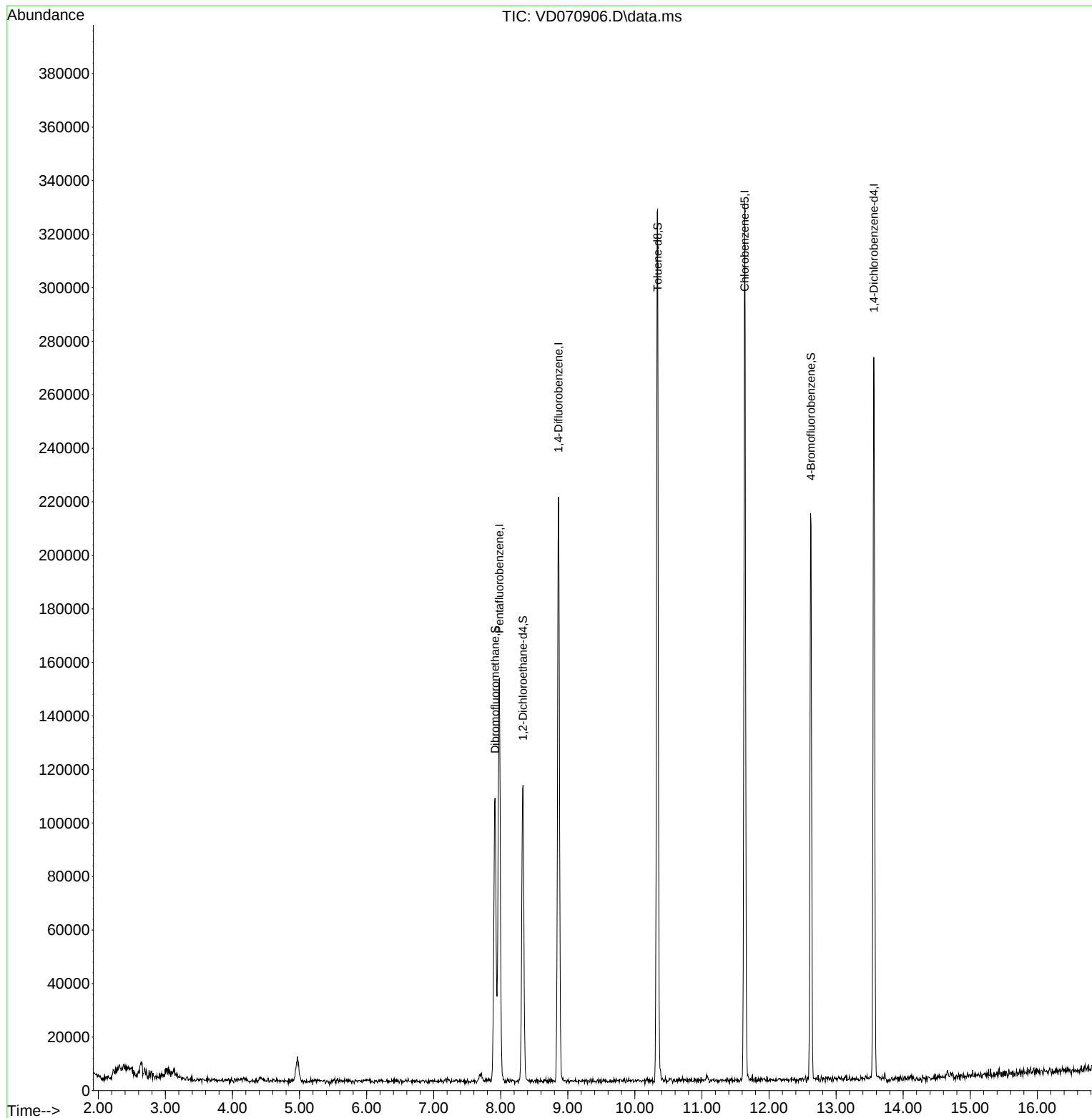
Target Compounds	Qvalue

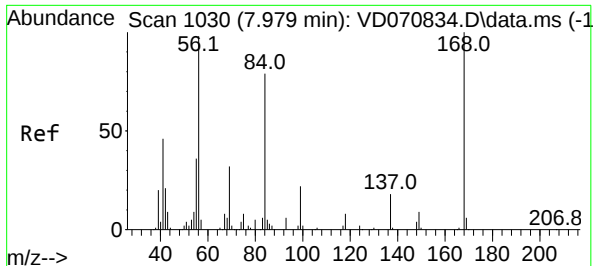
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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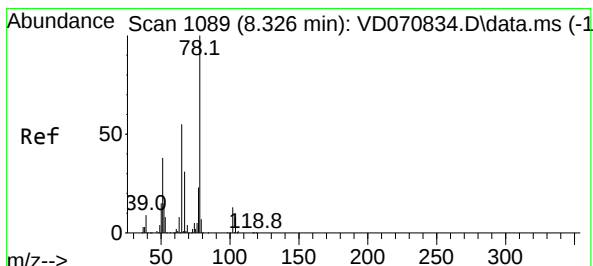
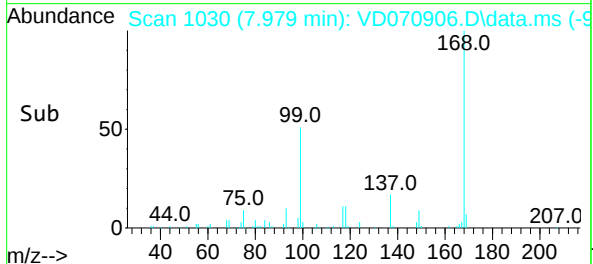
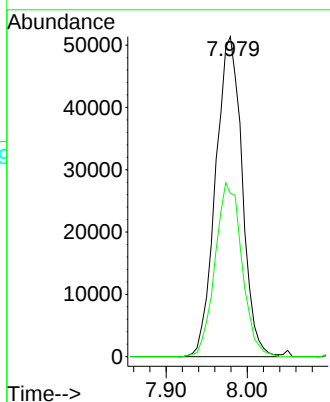
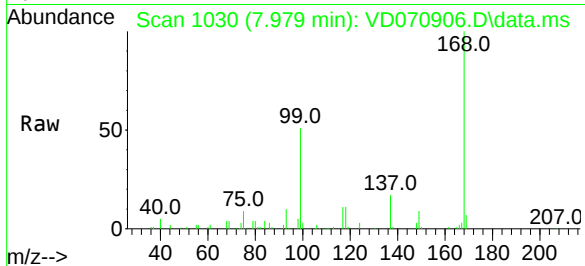




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070906.D
Acq: 03 Nov 2021 13:11

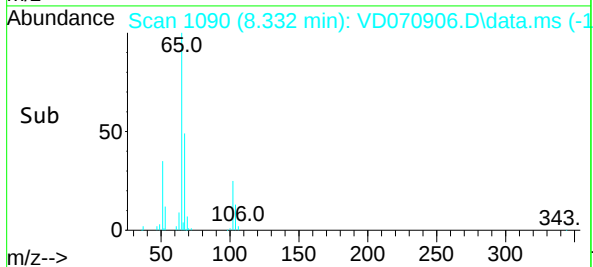
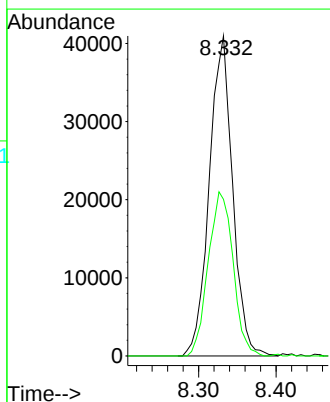
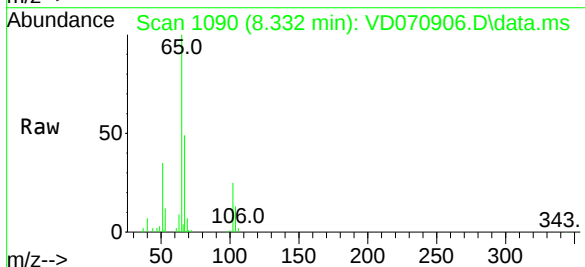
Instrument :
MSVOA_D
ClientSampleId :
SP-2

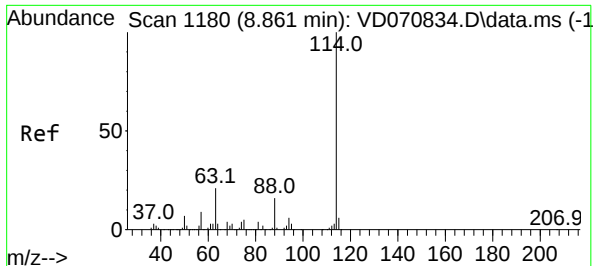
Tgt Ion:168 Resp: 116480
Ion Ratio Lower Upper
168 100
99 51.1 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 73.110 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070906.D
Acq: 03 Nov 2021 13:11

Tgt Ion: 65 Resp: 85648
Ion Ratio Lower Upper
65 100
67 54.6 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: VD070906.D

Acq: 03 Nov 2021 13:11

Instrument :

MSVOA_D

ClientSampleId :

SP-2

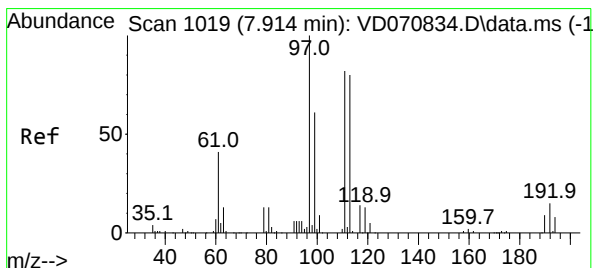
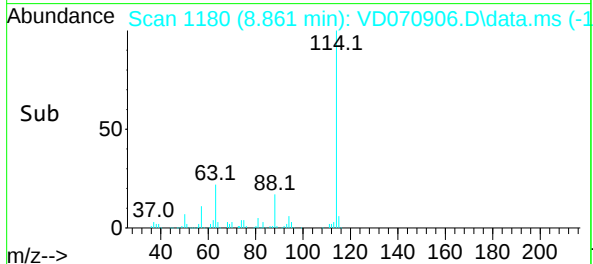
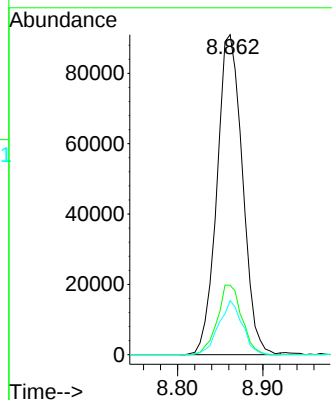
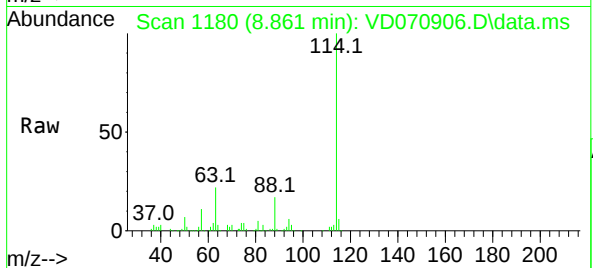
Tgt Ion:114 Resp: 189374

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.8

88 16.9 0.0 32.8



#35

Dibromofluoromethane

Concen: 63.418 ug/l

RT: 7.915 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070906.D

Acq: 03 Nov 2021 13:11

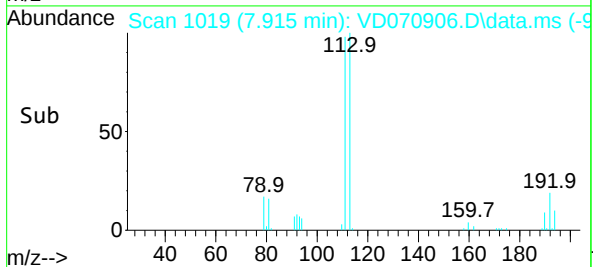
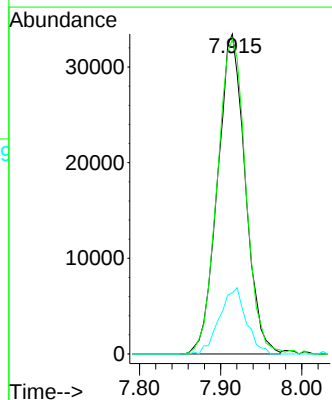
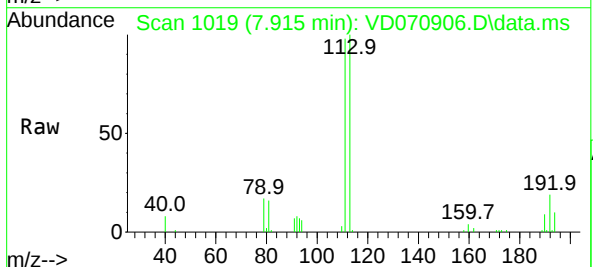
Tgt Ion:113 Resp: 79186

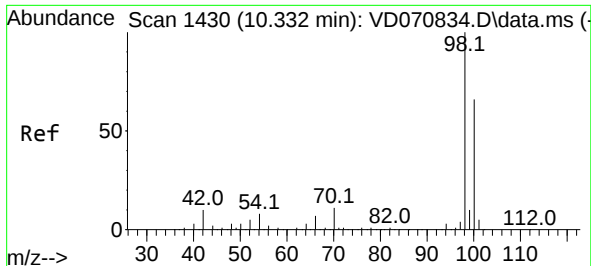
Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

192 19.8 15.2 22.8

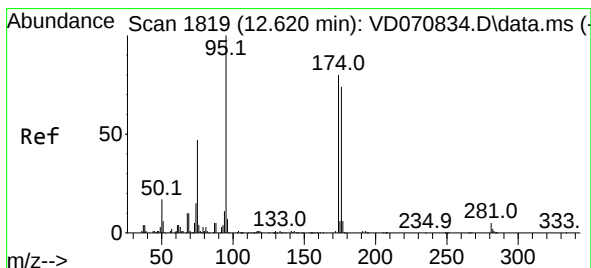
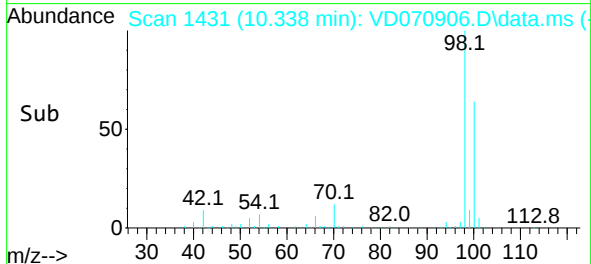
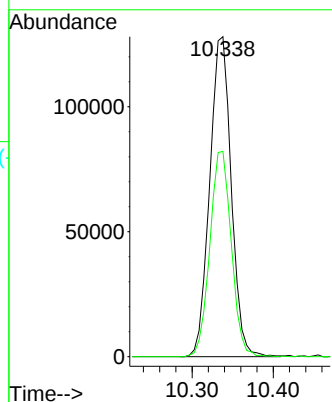
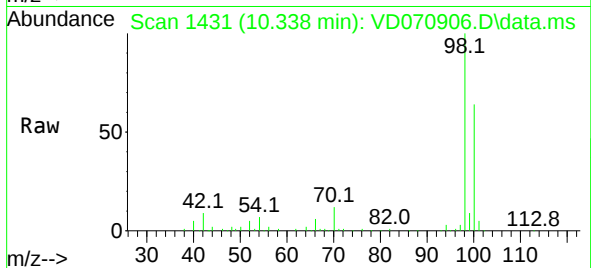




#50
Toluene-d8
Concen: 50.169 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD070906.D
Acq: 03 Nov 2021 13:11

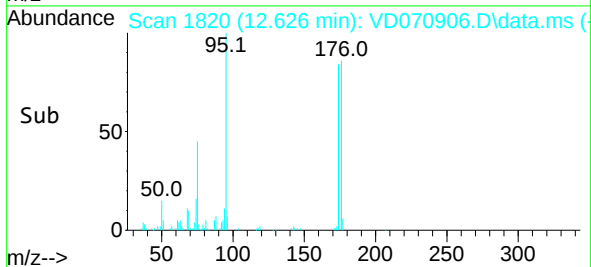
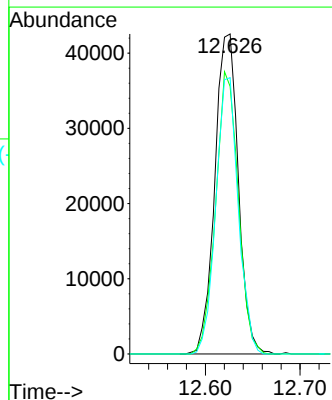
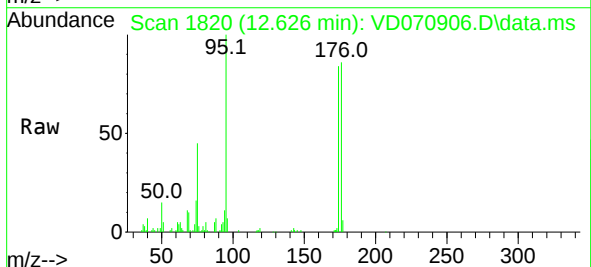
Instrument :
MSVOA_D
ClientSampleId :
SP-2

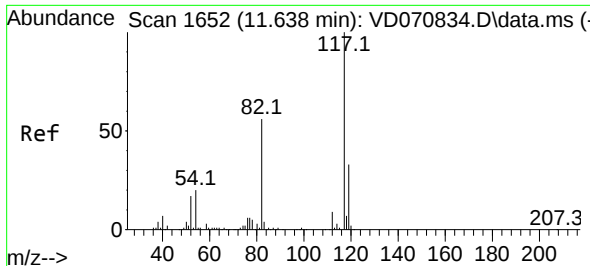
Tgt Ion: 98 Resp: 235671
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.422 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD070906.D
Acq: 03 Nov 2021 13:11

Tgt Ion: 95 Resp: 73502
Ion Ratio Lower Upper
95 100
174 84.6 0.0 159.4
176 82.3 0.0 154.0

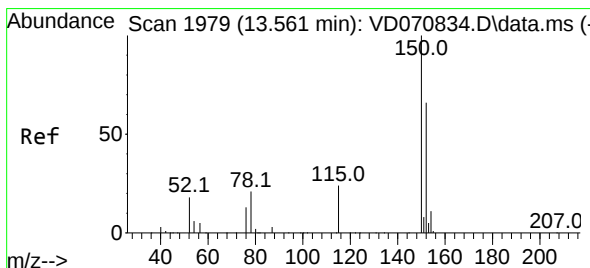
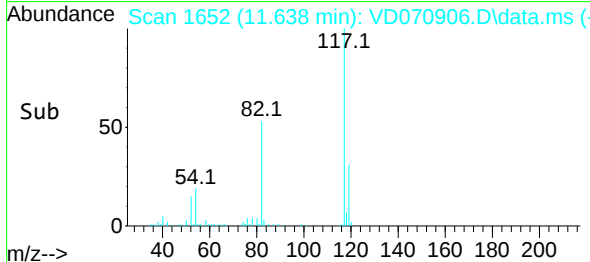
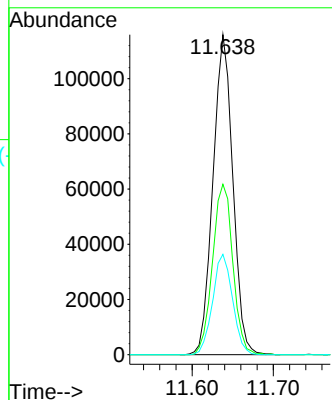
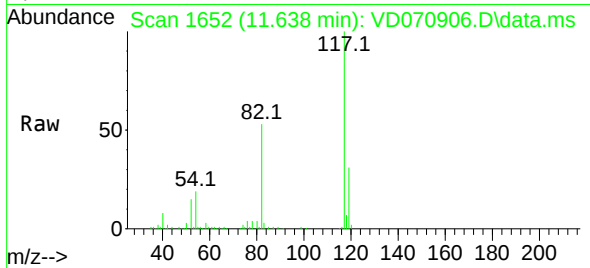




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD070906.D
Acq: 03 Nov 2021 13:11

Instrument :
MSVOA_D
ClientSampleId :
SP-2

Tgt Ion:117 Resp: 197093
Ion Ratio Lower Upper
117 100
82 53.3 44.7 67.1
119 31.3 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: VD070906.D
Acq: 03 Nov 2021 13:11

Tgt Ion:152 Resp: 77159
Ion Ratio Lower Upper
152 100
115 58.8 29.8 89.3
150 157.1 0.0 349.2

