

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121121\
 Data File : VD071271.D
 Acq On : 11 Dec 2021 15:51
 Operator : VA/SY
 Sample : M5018-19
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP4

Quant Time: Dec 12 17:53:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	236605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	402117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	458626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	228867	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	134783	48.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.100%
35) Dibromofluoromethane	7.908	113	133095	51.977	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.960%
50) Toluene-d8	10.338	98	518583	53.218	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.440%
62) 4-Bromofluorobenzene	12.626	95	223670	66.217	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	132.440%

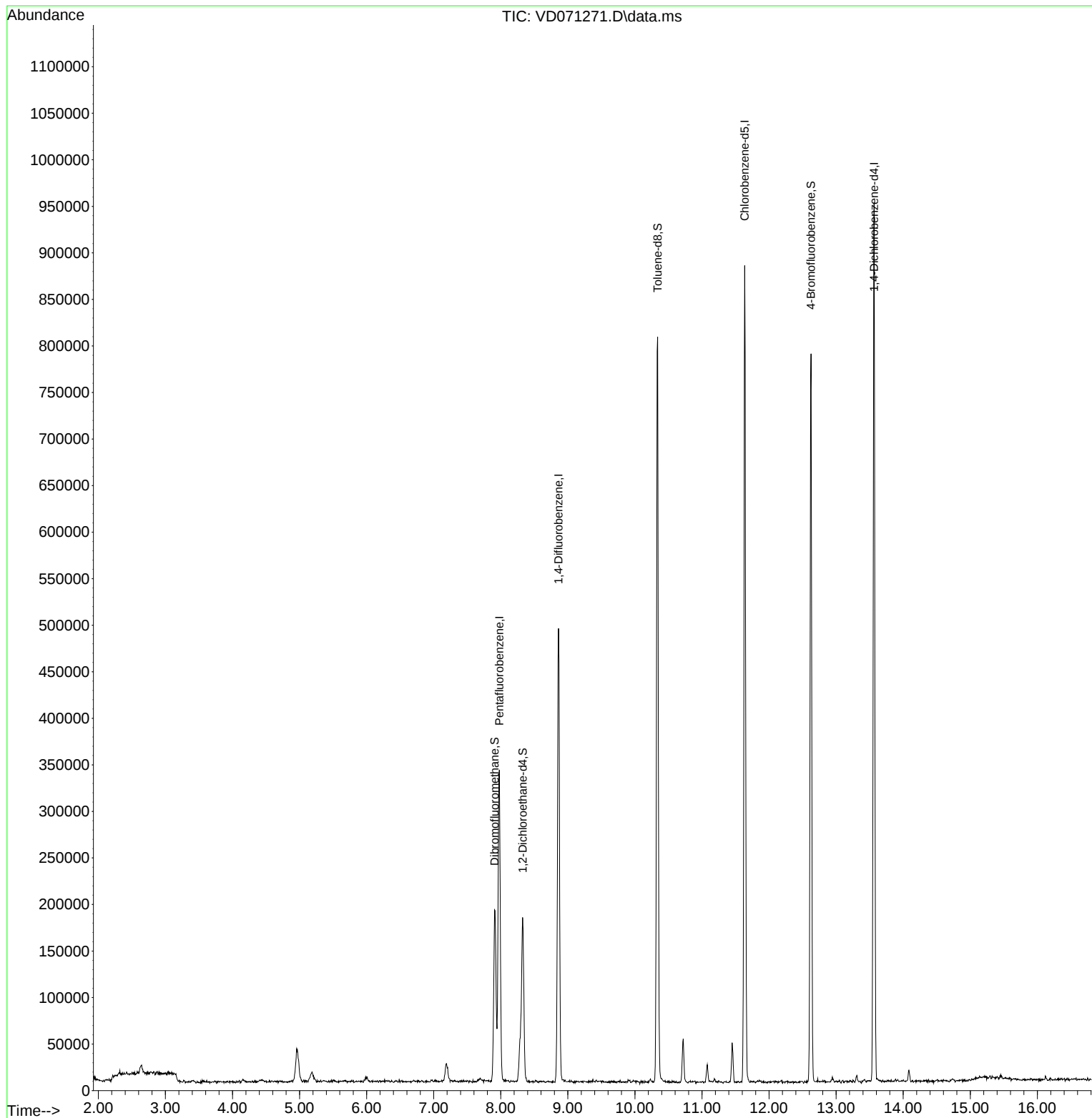
Target Compounds	Qvalue

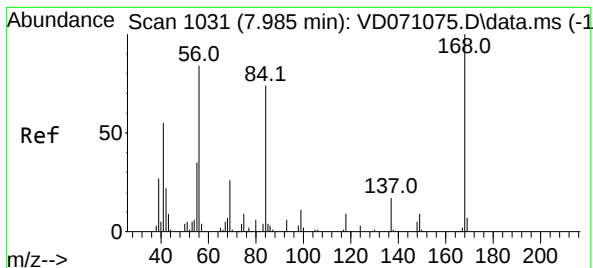
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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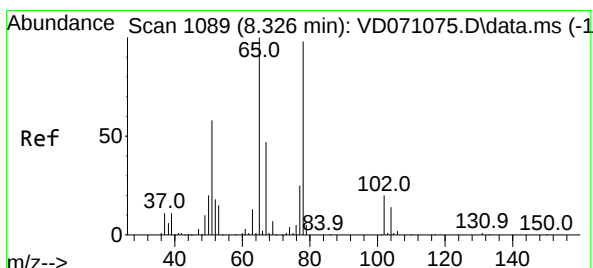
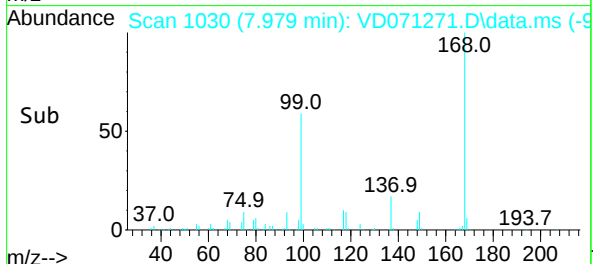
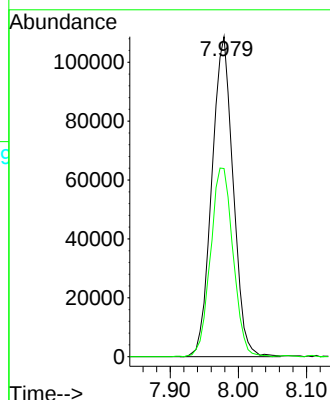
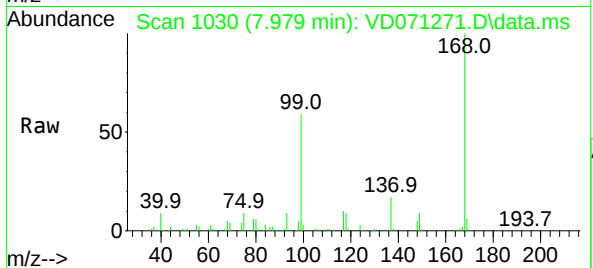




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071271.D
Acq: 11 Dec 2021 15:51

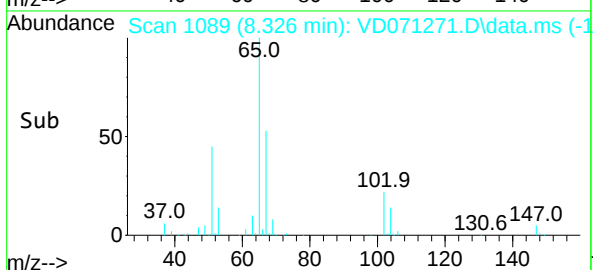
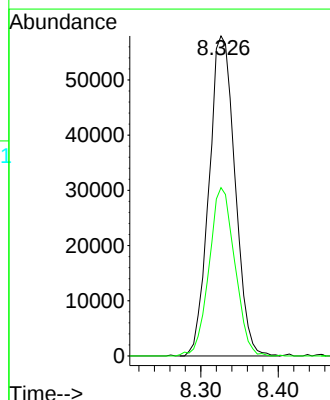
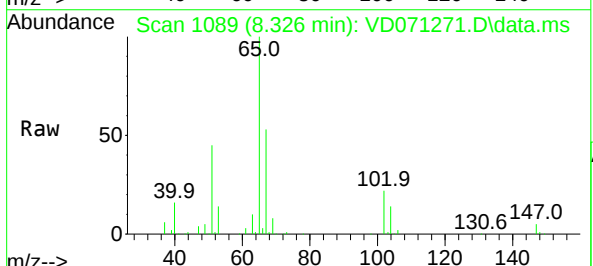
Instrument :
MSVOA_D
ClientSampleId :
TP4

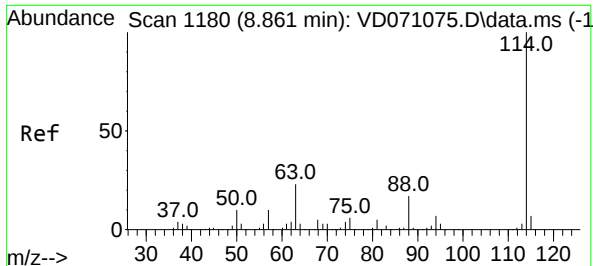
Tgt Ion:168 Resp: 236605
Ion Ratio Lower Upper
168 100
99 58.6 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 48.548 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071271.D
Acq: 11 Dec 2021 15:51

Tgt Ion: 65 Resp: 134783
Ion Ratio Lower Upper
65 100
67 52.0 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: VD071271.D

Acq: 11 Dec 2021 15:51

Instrument :

MSVOA_D

ClientSampleId :

TP4

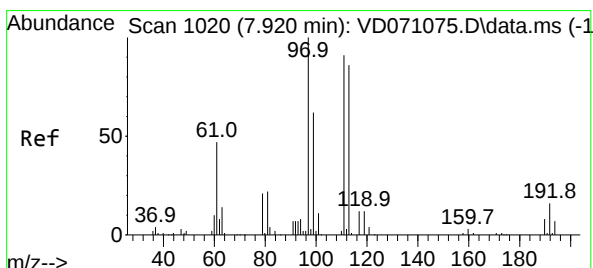
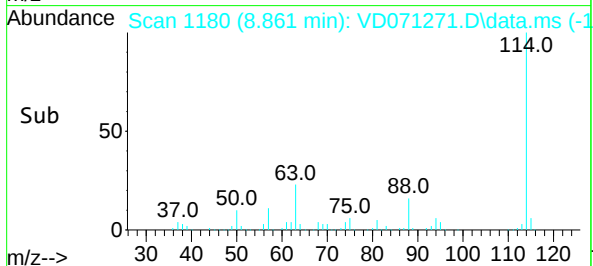
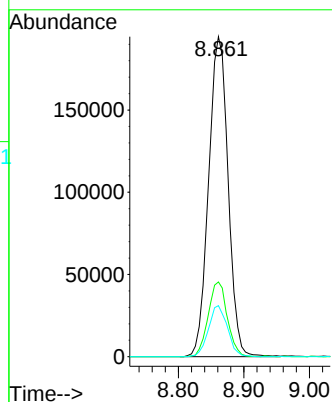
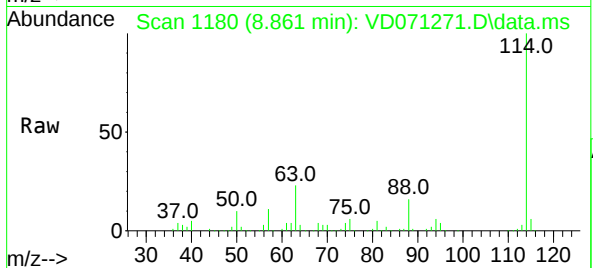
Tgt Ion:114 Resp: 402117

Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.8

88 15.9 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.977 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD071271.D

Acq: 11 Dec 2021 15:51

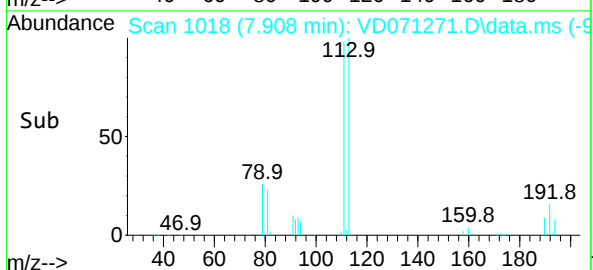
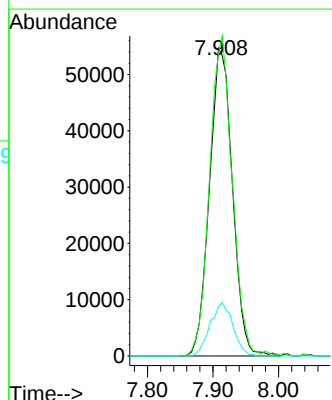
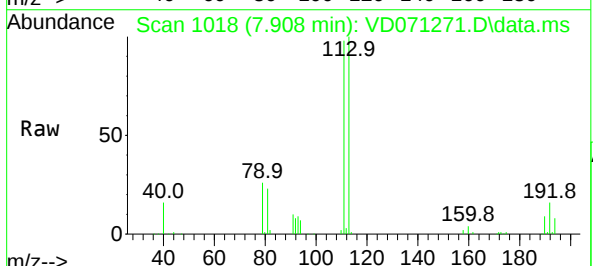
Tgt Ion:113 Resp: 133095

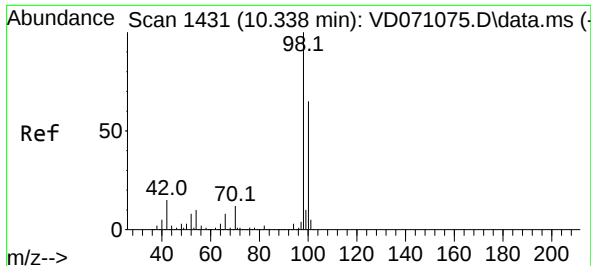
Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

192 17.2 15.2 22.8

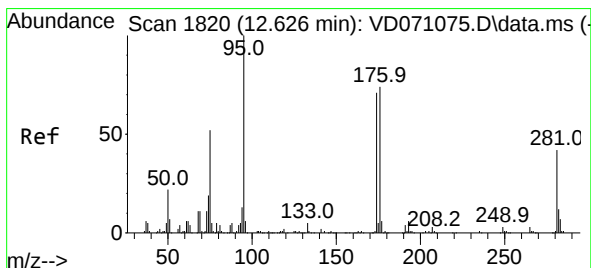
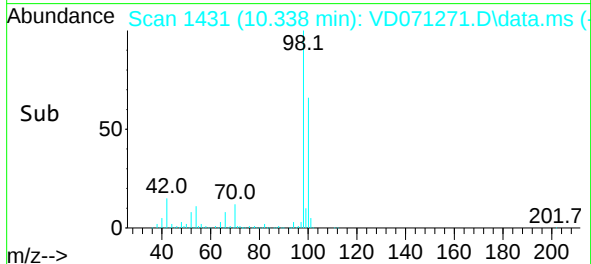
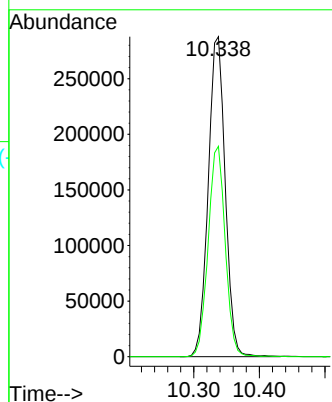
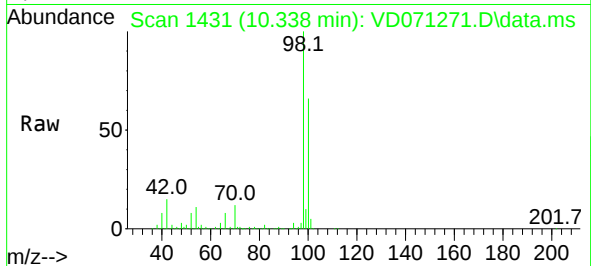




#50
Toluene-d8
Concen: 53.218 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071271.D
Acq: 11 Dec 2021 15:51

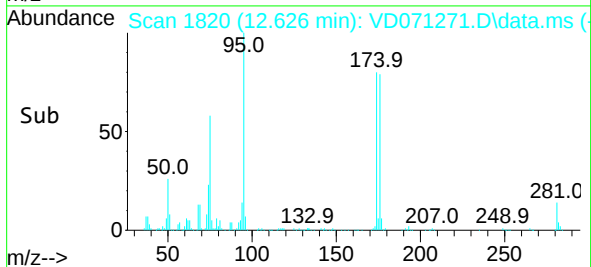
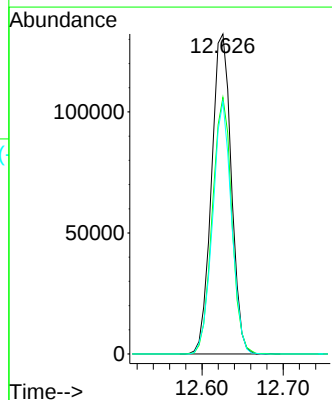
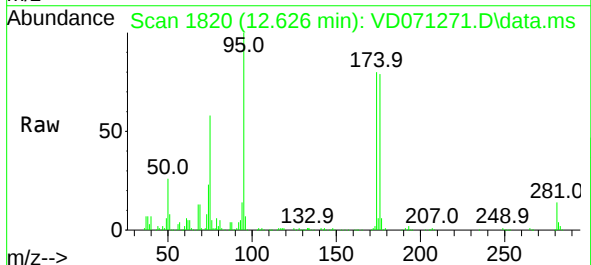
Instrument :
MSVOA_D
ClientSampleId :
TP4

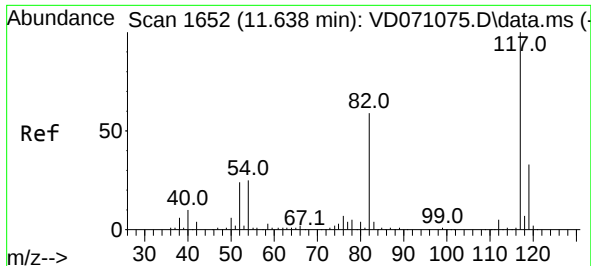
Tgt Ion: 98 Resp: 518583
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 66.217 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071271.D
Acq: 11 Dec 2021 15:51

Tgt Ion: 95 Resp: 223670
Ion Ratio Lower Upper
95 100
174 78.3 0.0 159.4
176 75.1 0.0 154.0

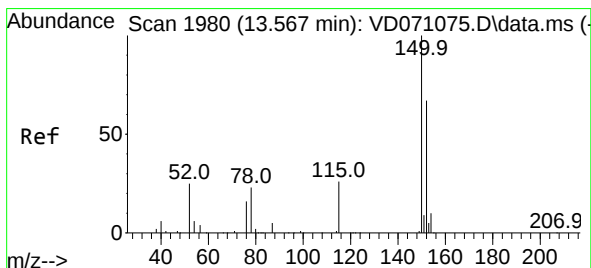
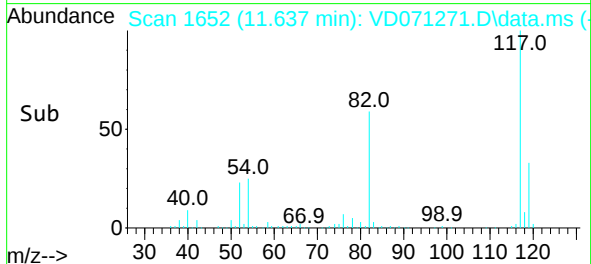
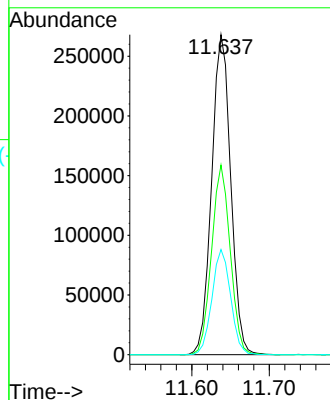
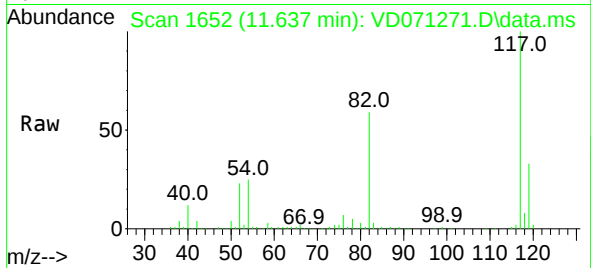




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD071271.D
Acq: 11 Dec 2021 15:51

Instrument :
MSVOA_D
ClientSampleId :
TP4

Tgt Ion:117 Resp: 458626
Ion Ratio Lower Upper
117 100
82 59.2 44.7 67.1
119 32.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071271.D
Acq: 11 Dec 2021 15:51

Tgt Ion:152 Resp: 228867
Ion Ratio Lower Upper
152 100
115 61.6 29.8 89.3
150 157.1 0.0 349.2

