

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
 Data File : VD071500.D
 Acq On : 28 Dec 2021 13:53
 Operator : VA/SY
 Sample : M5190-03
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-880

Quant Time: Dec 28 15:09:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	373065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	665703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	577608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	223511	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	236222	47.677	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.360%
35) Dibromofluoromethane	7.914	113	211512	47.275	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.560%
50) Toluene-d8	10.338	98	798445	47.224	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.440%
62) 4-Bromofluorobenzene	12.626	95	252639	42.050	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.100%

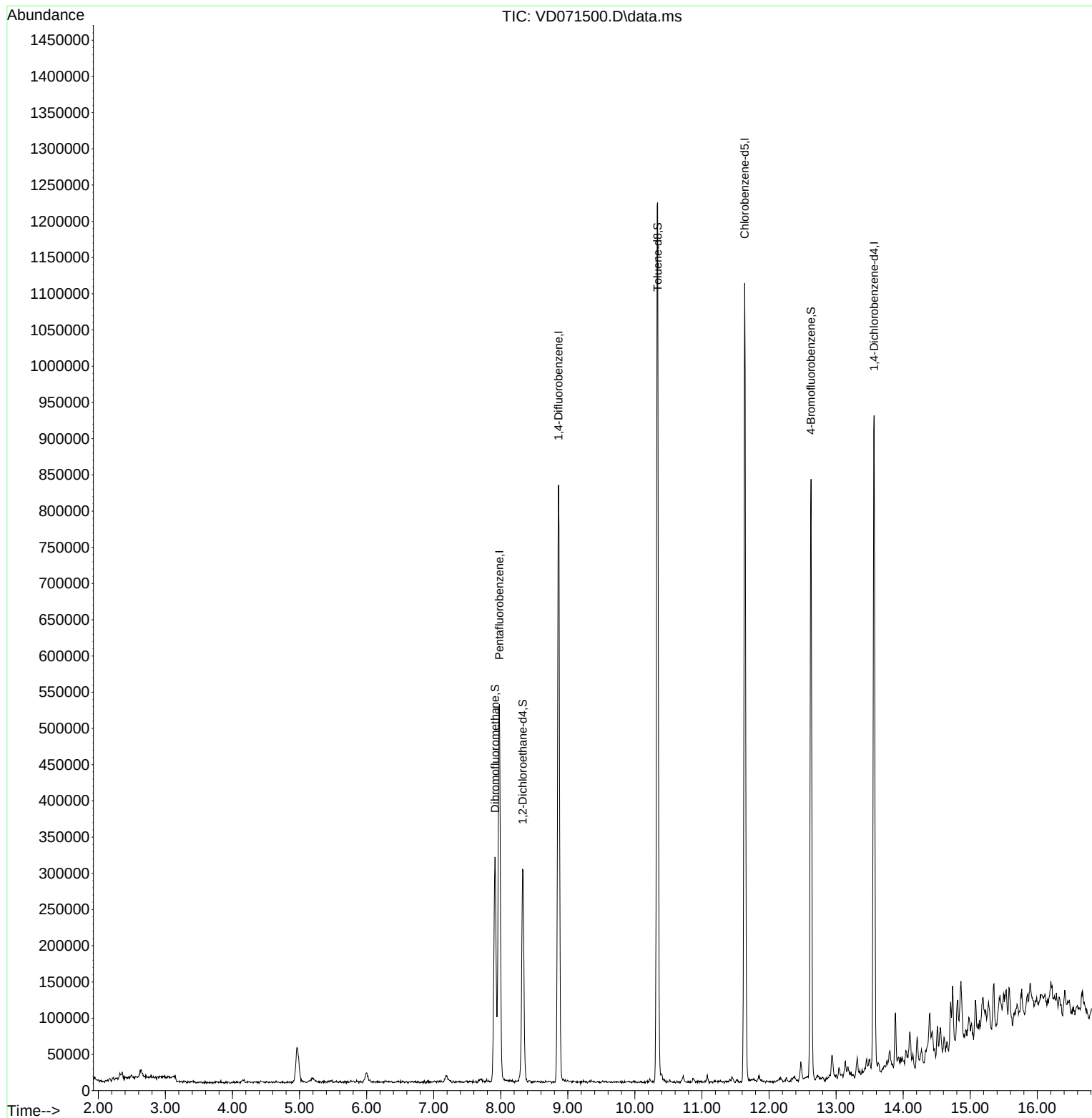
Target Compounds	Qvalue

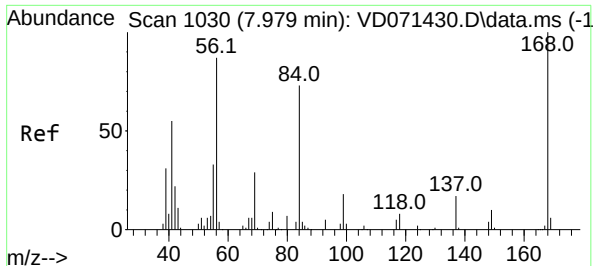
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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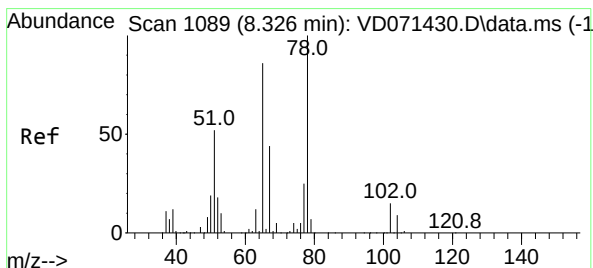
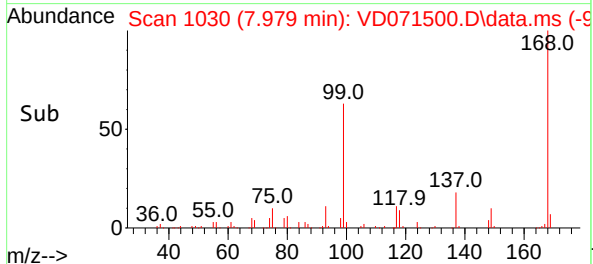
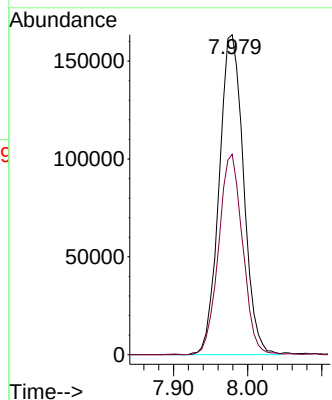
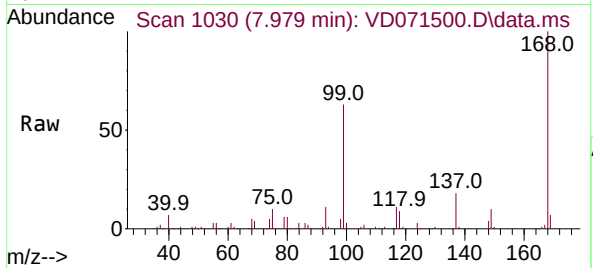




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071500.D
Acq: 28 Dec 2021 13:53

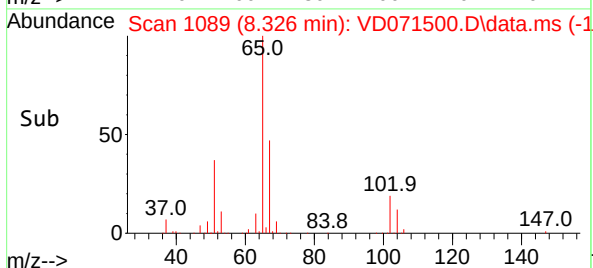
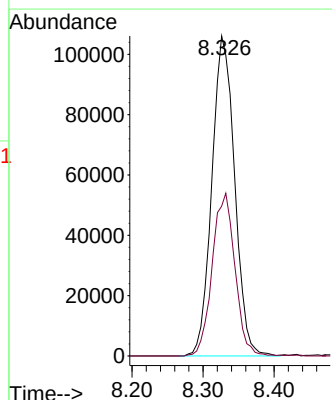
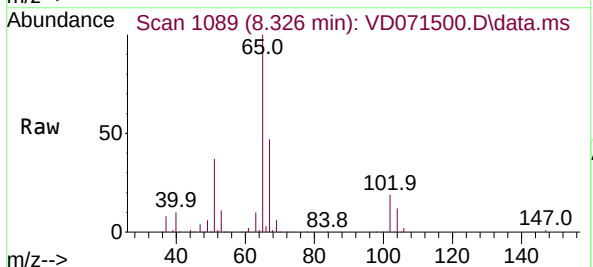
Instrument :
MSVOA_D
ClientSampleId :
RT-880

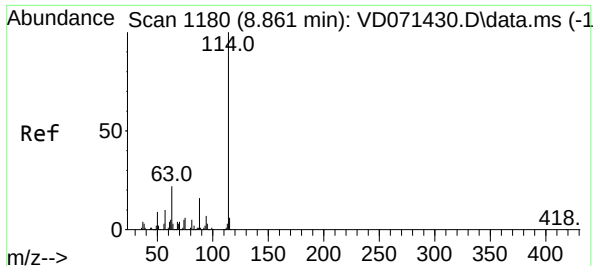
Tgt Ion:168 Resp: 373065
Ion Ratio Lower Upper
168 100
99 62.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 47.677 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071500.D
Acq: 28 Dec 2021 13:53

Tgt Ion: 65 Resp: 236222
Ion Ratio Lower Upper
65 100
67 50.6 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: VD071500.D

Acq: 28 Dec 2021 13:53

Instrument :

MSVOA_D

ClientSampleId :

RT-880

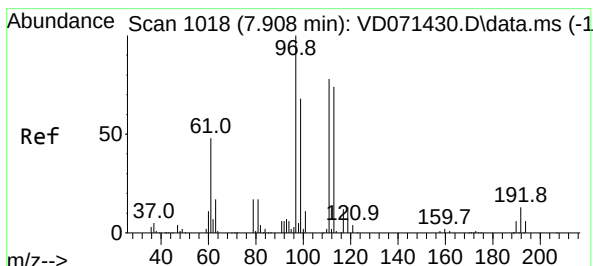
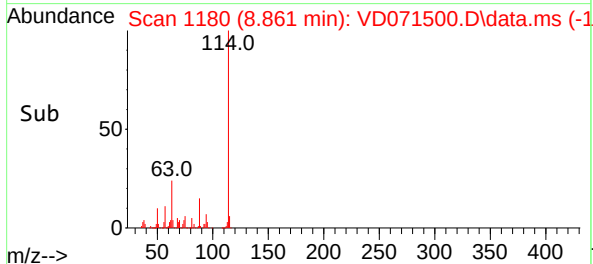
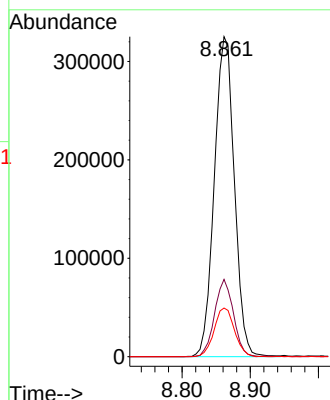
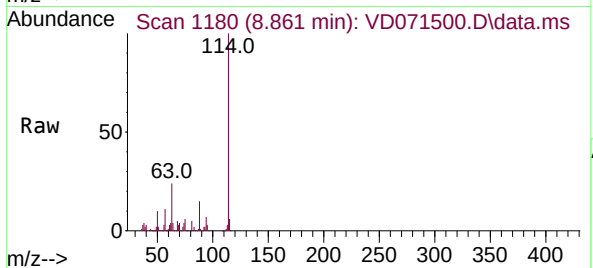
Tgt Ion:114 Resp: 665703

Ion Ratio Lower Upper

114 100

63 24.2 0.0 41.8

88 15.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 47.275 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071500.D

Acq: 28 Dec 2021 13:53

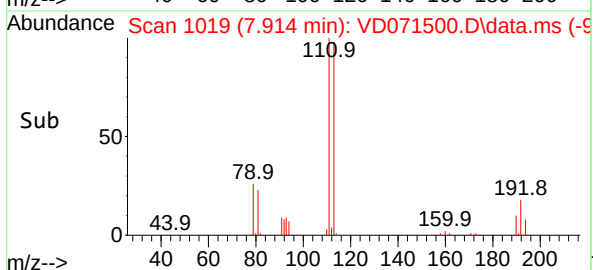
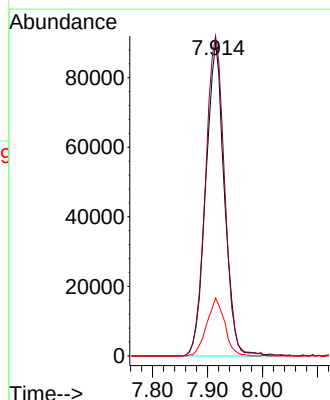
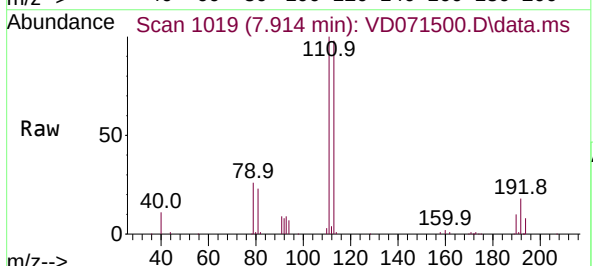
Tgt Ion:113 Resp: 211512

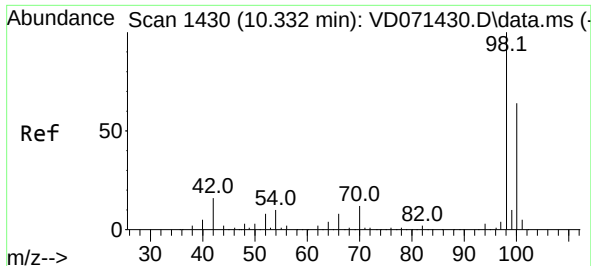
Ion Ratio Lower Upper

113 100

111 104.2 82.0 123.0

192 17.8 15.2 22.8

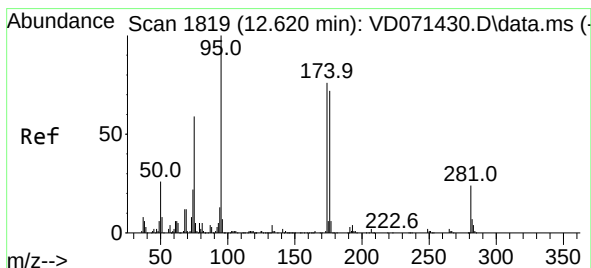
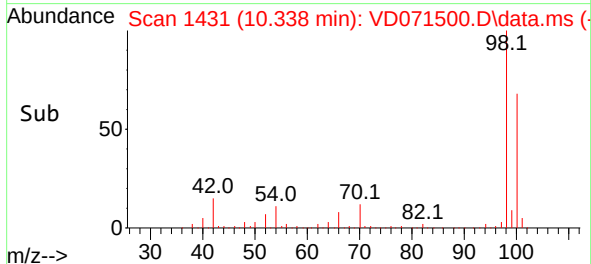
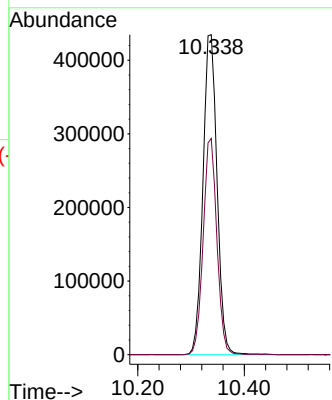
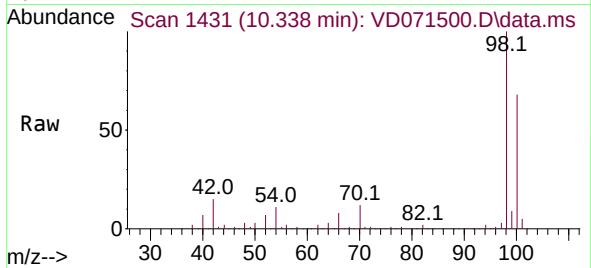




#50
Toluene-d8
Concen: 47.224 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071500.D
Acq: 28 Dec 2021 13:53

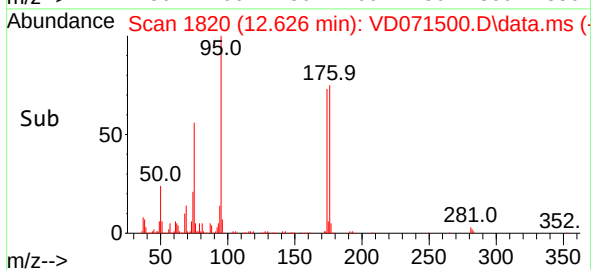
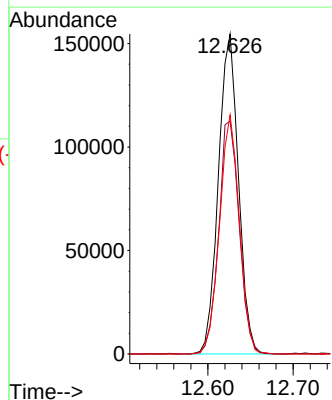
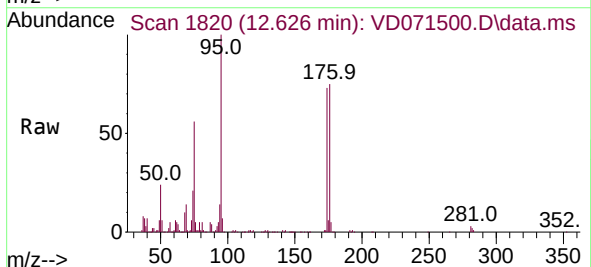
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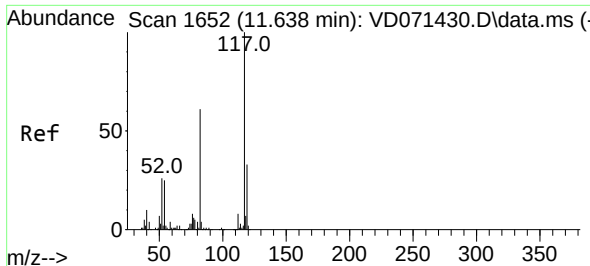
Tgt Ion: 98 Resp: 798445
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 42.050 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071500.D
Acq: 28 Dec 2021 13:53

Tgt Ion: 95 Resp: 252639
Ion Ratio Lower Upper
95 100
174 74.4 0.0 159.4
176 73.8 0.0 154.0

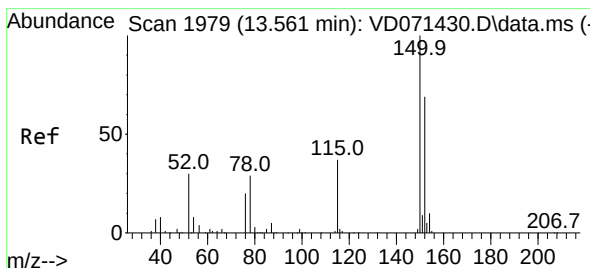
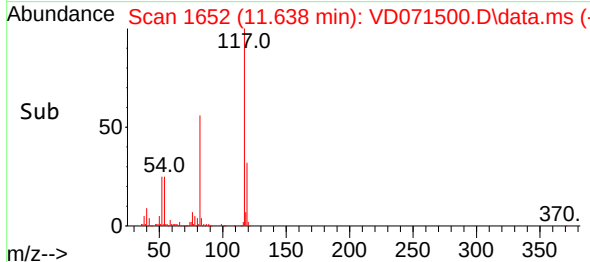
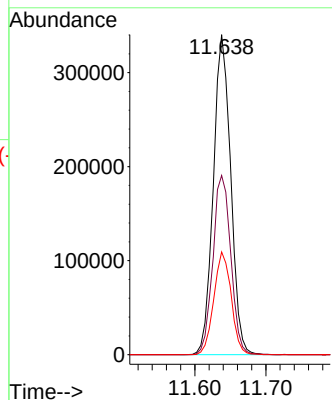
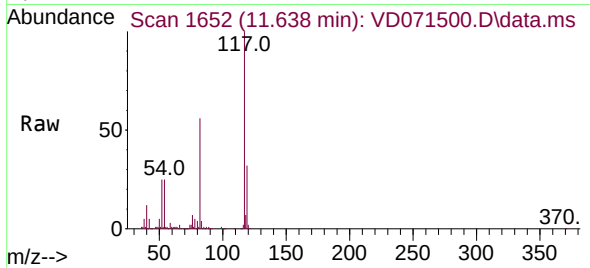




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071500.D
Acq: 28 Dec 2021 13:53

Instrument :
MSVOA_D
ClientSampleId :
RT-880

Tgt Ion:117 Resp: 577608
Ion Ratio Lower Upper
117 100
82 56.0 44.7 67.1
119 32.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071500.D
Acq: 28 Dec 2021 13:53

Tgt Ion:152 Resp: 223511
Ion Ratio Lower Upper
152 100
115 60.6 29.8 89.3
150 157.8 0.0 349.2

