

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
 Data File : VD071399.D
 Acq On : 20 Dec 2021 20:11
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Dec 20 20:56:46 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	582117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1006180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	902227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	395786	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	342879	50.198	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.400%
35) Dibromofluoromethane	7.914	113	314527	49.089	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.180%
50) Toluene-d8	10.338	98	1275676	52.319	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.640%
62) 4-Bromofluorobenzene	12.626	95	423564	50.114	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.220%

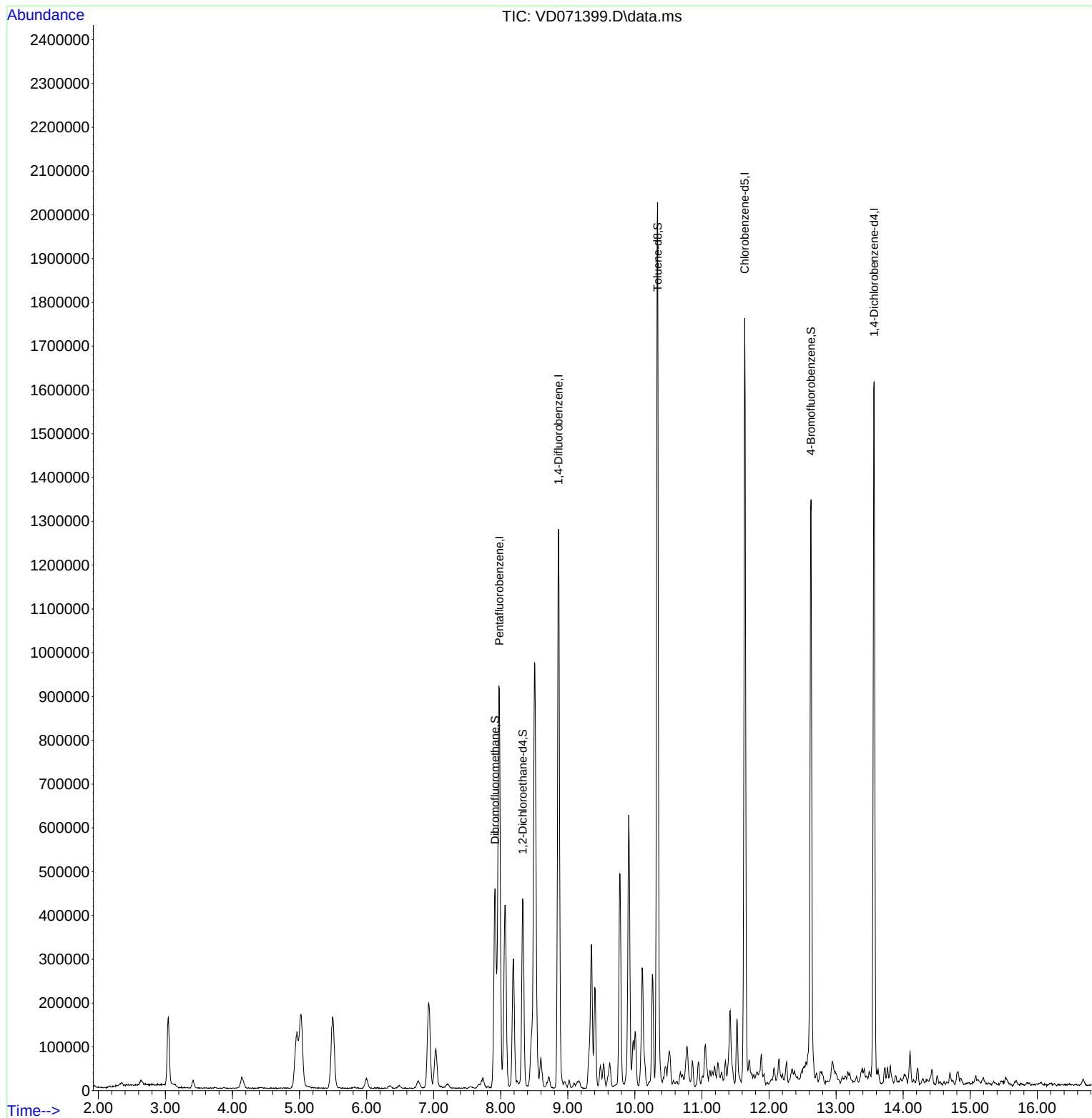
Target Compounds	Qvalue

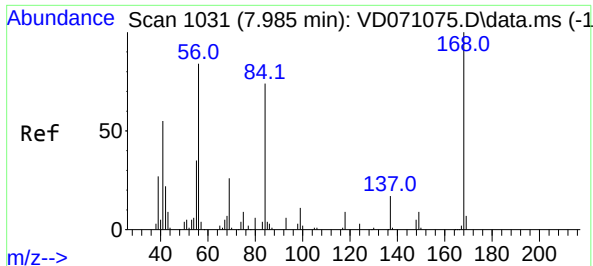
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD071399.D

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MSVOA_D

ClientSampleId :

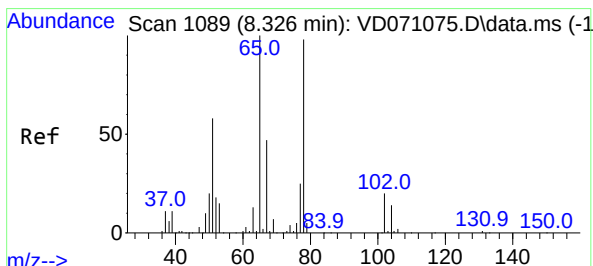
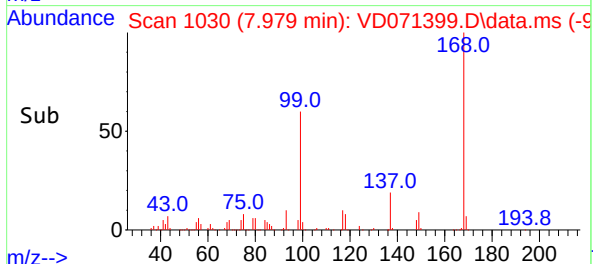
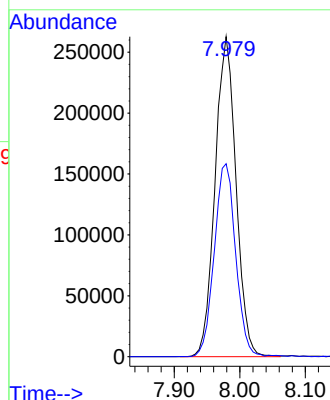
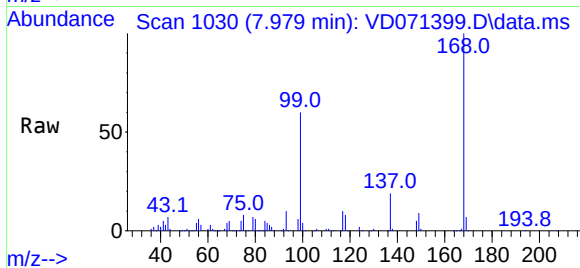
VIBLK

Tgt Ion:168 Resp: 582117

Ion Ratio Lower Upper

168 100

99 60.2 46.6 69.8



1,2-Dichloroethane-d4

Concen: 50.198 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071399.D

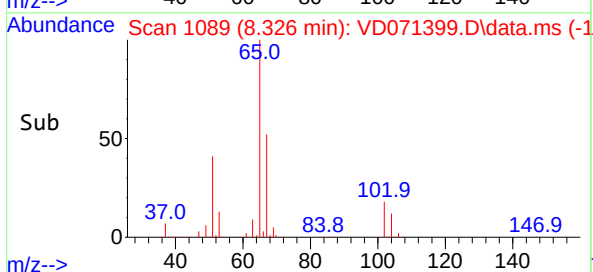
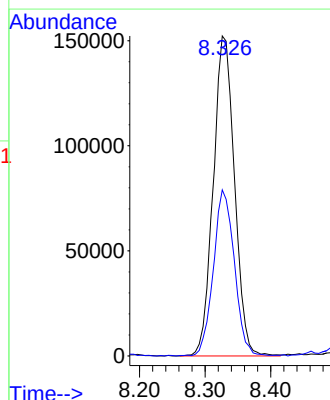
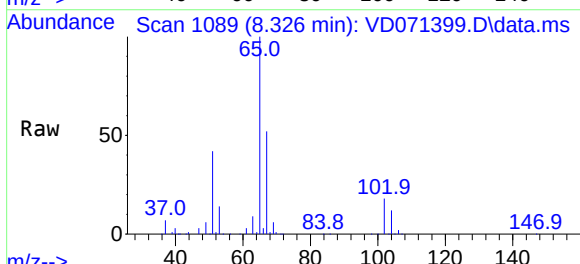
Acq: 20 Dec 2021 20:11

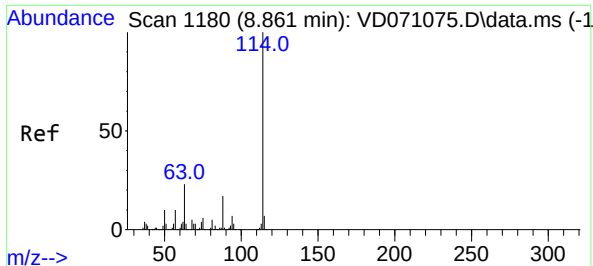
Tgt Ion: 65 Resp: 342879

Ion Ratio Lower Upper

65 100

67 51.2 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: VD071399.D

Acq: 20 Dec 2021 20:11

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

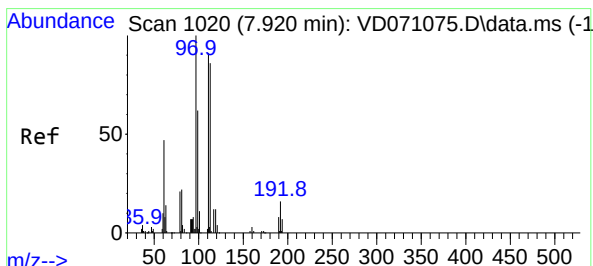
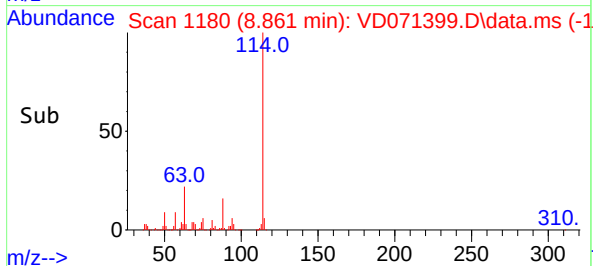
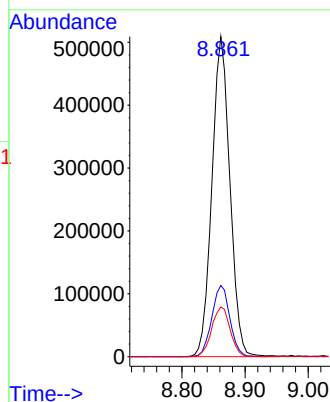
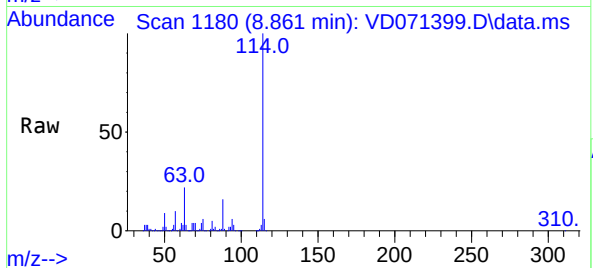
Tgt Ion:114 Resp: 1006180

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 15.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.089 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071399.D

Acq: 20 Dec 2021 20:11

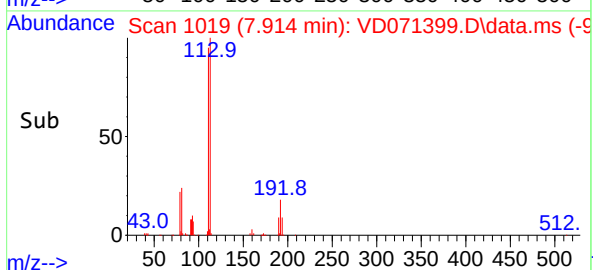
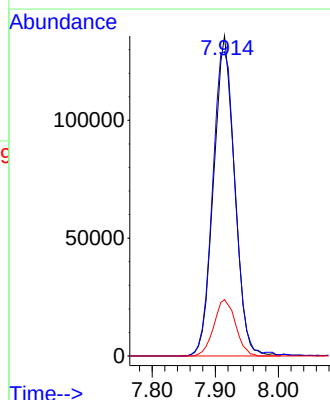
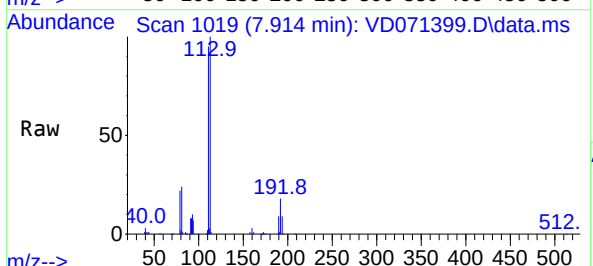
Tgt Ion:113 Resp: 314527

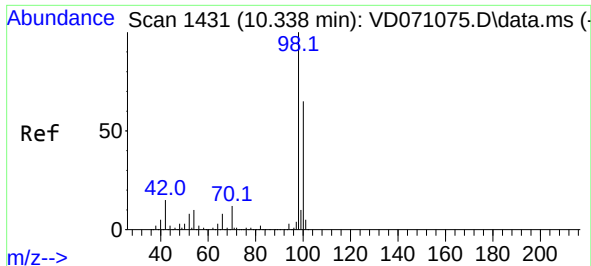
Ion Ratio Lower Upper

113 100

111 101.7 82.0 123.0

192 18.1 15.2 22.8

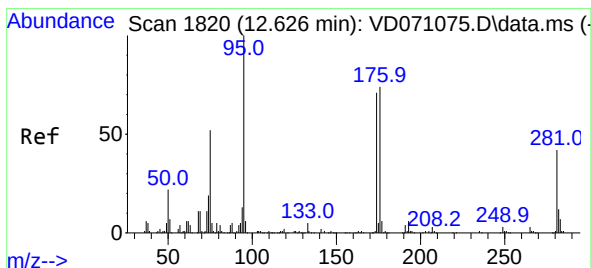
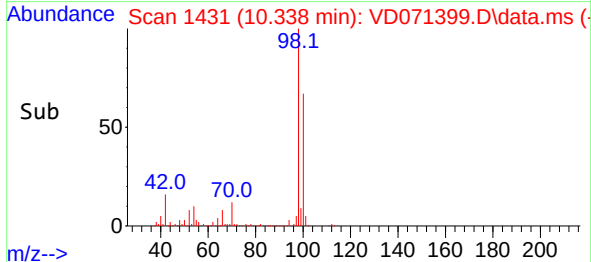
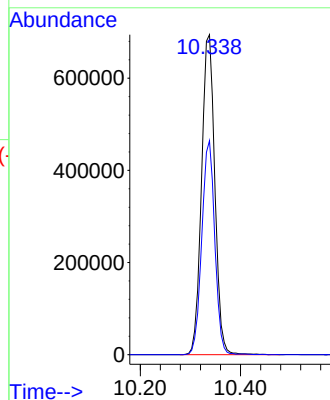
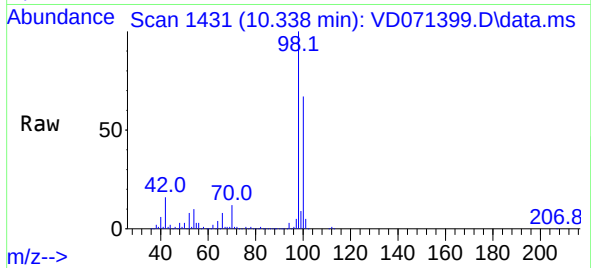




#50
Toluene-d8
Concen: 52.319 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071399.D
Acq: 20 Dec 2021 20:11

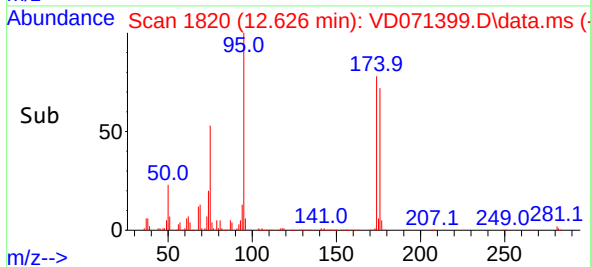
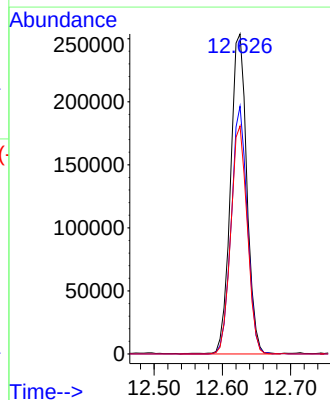
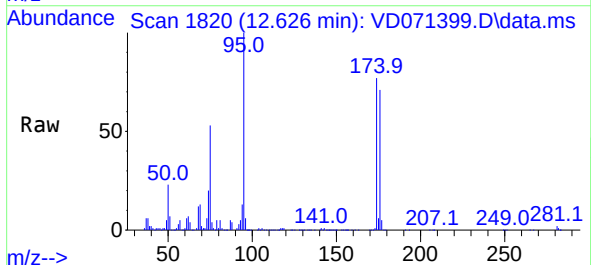
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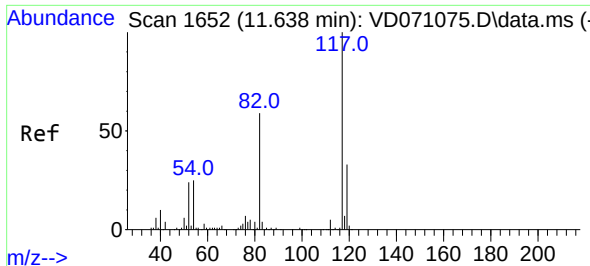
Tgt Ion: 98 Resp: 1275676
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.114 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071399.D
Acq: 20 Dec 2021 20:11

Tgt Ion: 95 Resp: 423564
Ion Ratio Lower Upper
95 100
174 75.6 0.0 159.4
176 71.6 0.0 154.0

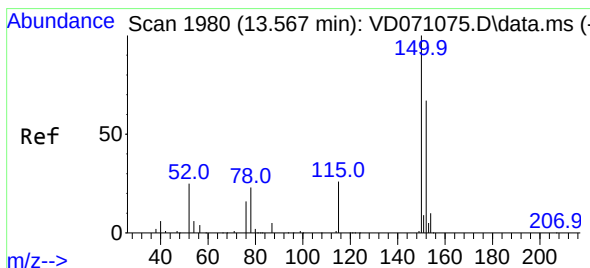
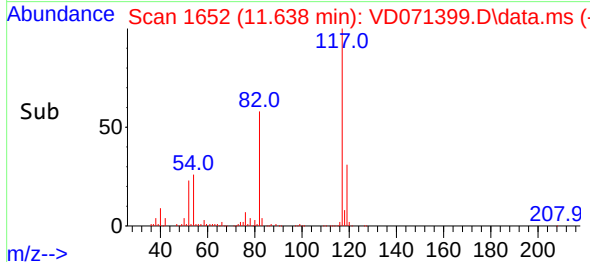
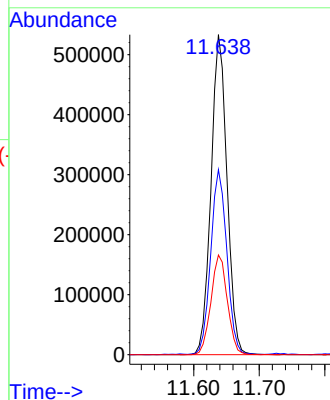
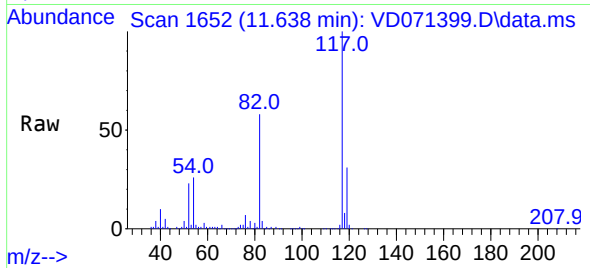




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071399.D
Acq: 20 Dec 2021 20:11

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 902227
Ion Ratio Lower Upper
117 100
82 57.5 44.7 67.1
119 31.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071399.D
Acq: 20 Dec 2021 20:11

Tgt Ion:152 Resp: 395786
Ion Ratio Lower Upper
152 100
115 61.1 29.8 89.3
150 159.3 0.0 349.2

