

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120621\
 Data File : VD071168.D
 Acq On : 06 Dec 2021 14:18
 Operator : VA/SY
 Sample : M4945-01
 Misc : 4.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7-COMP

Quant Time: Dec 07 06:52:12 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	7.973	168	308102	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.855	114	533628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	553568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	264887	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	156521	43.295	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.600%
35) Dibromofluoromethane	7.908	113	160811	47.324	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.640%
50) Toluene-d8	10.332	98	675931	52.270	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.540%
62) 4-Bromofluorobenzene	12.626	95	261506	58.339	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.680%

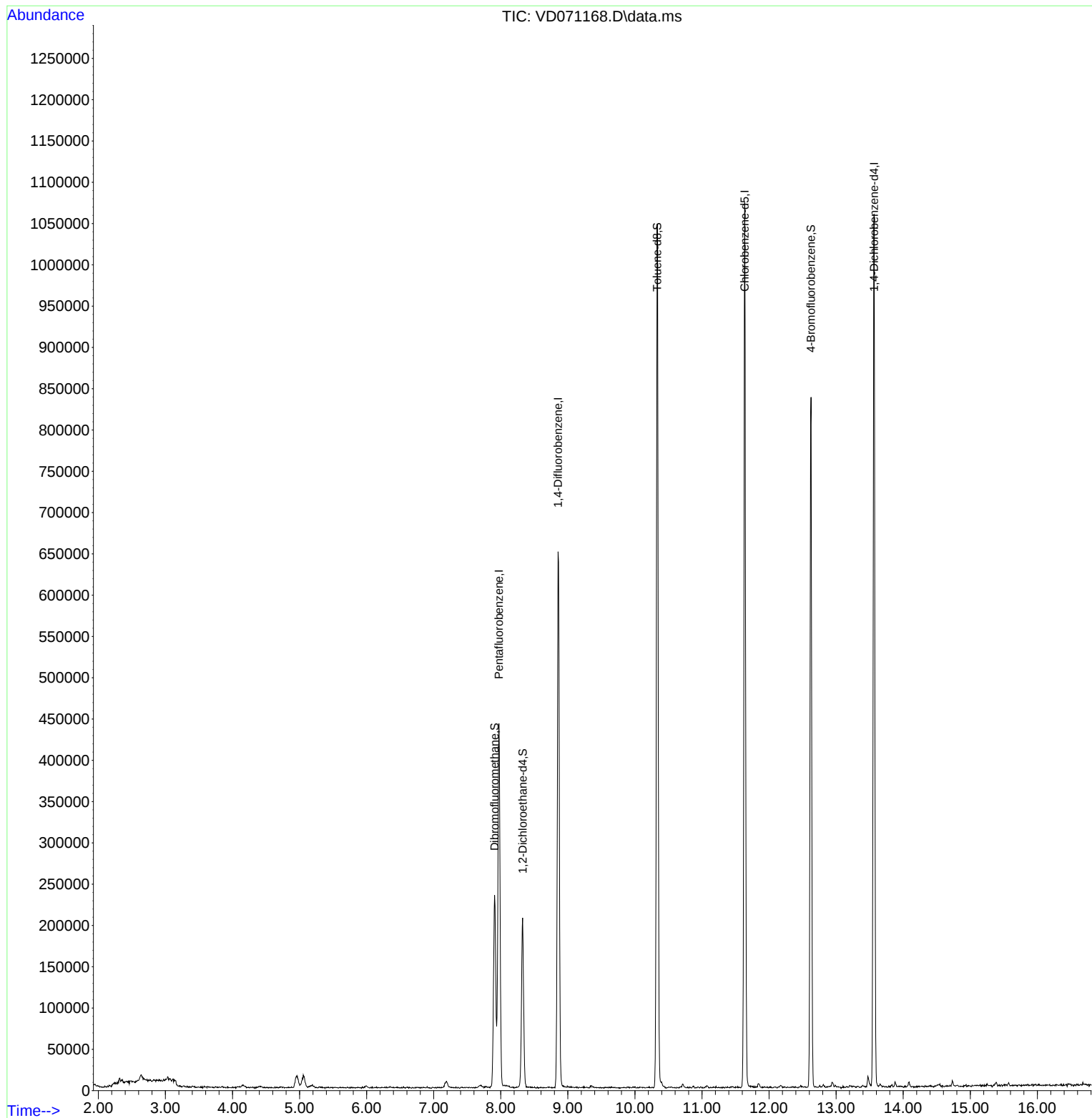
Target Compounds	Qvalue

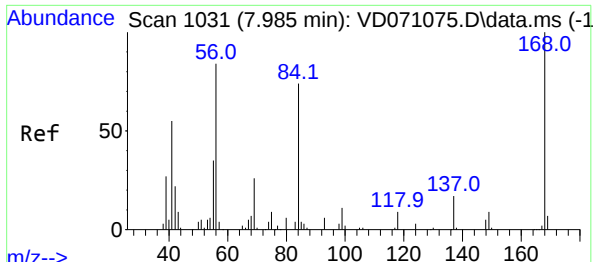
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071168.D

Acq: 06 Dec 2021 14:18

Instrument :

MSVOA_D

ClientSampleId :

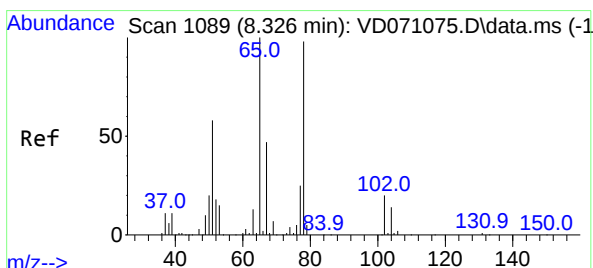
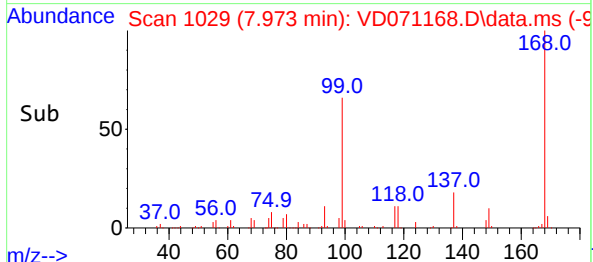
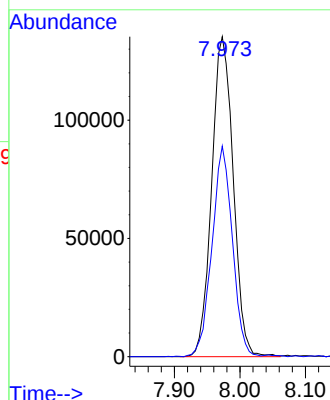
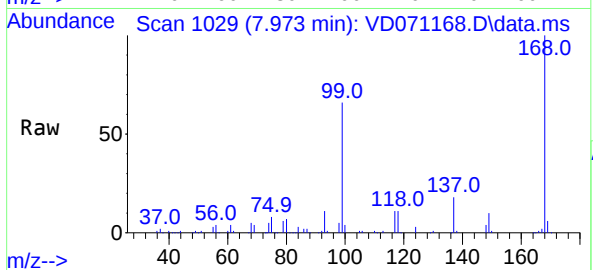
TP-7-COMP

Tgt Ion:168 Resp: 308102

Ion Ratio Lower Upper

168 100

99 65.7 46.6 69.8



1,2-Dichloroethane-d4

Concen: 43.295 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071168.D

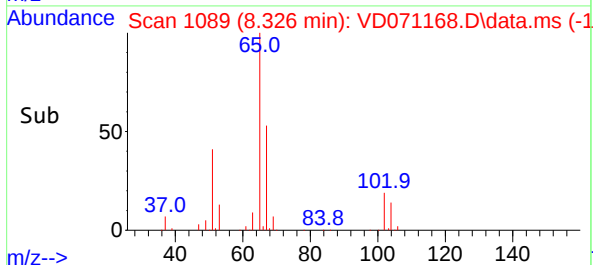
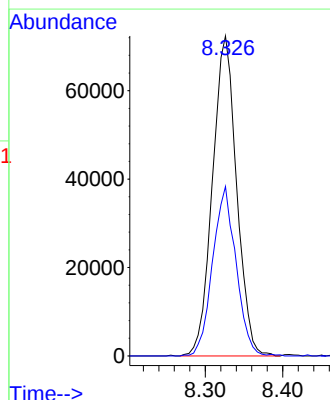
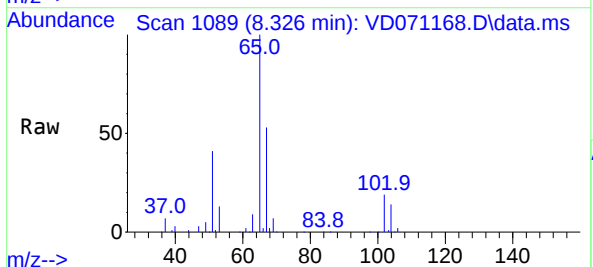
Acq: 06 Dec 2021 14:18

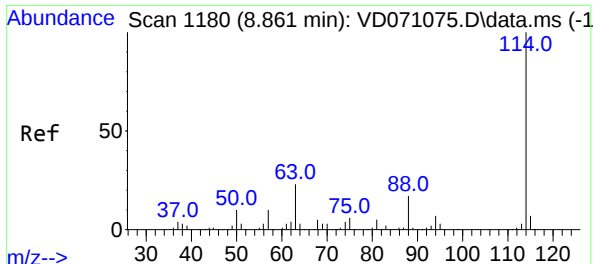
Tgt Ion: 65 Resp: 156521

Ion Ratio Lower Upper

65 100

67 51.5 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD071168.D

Acq: 06 Dec 2021 14:18

Instrument :

MSVOA_D

ClientSampleId :

TP-7-COMP

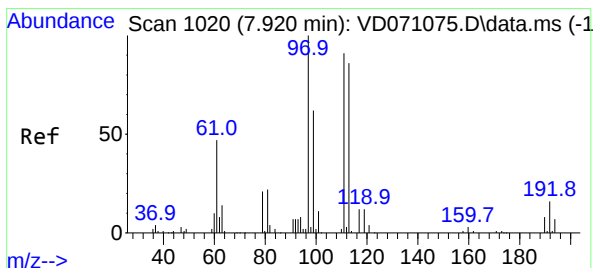
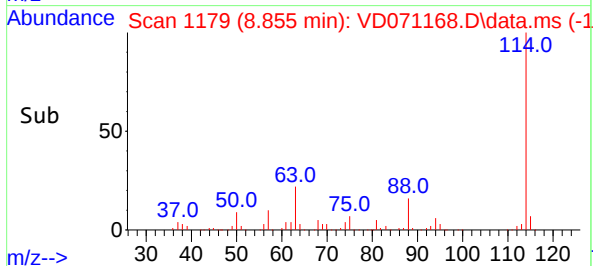
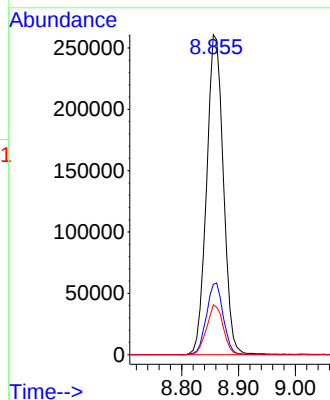
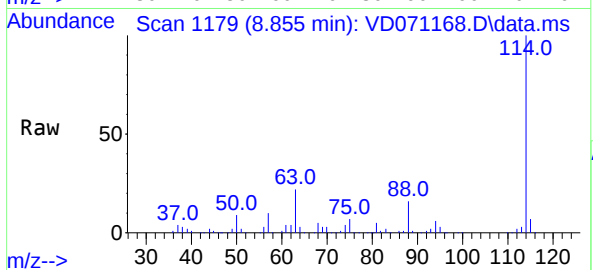
Tgt Ion:114 Resp: 533628

Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.8

88 15.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 47.324 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD071168.D

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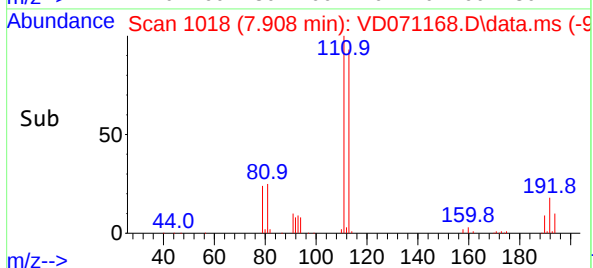
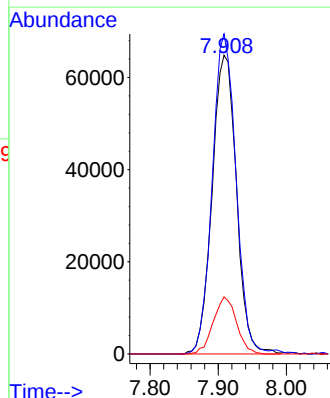
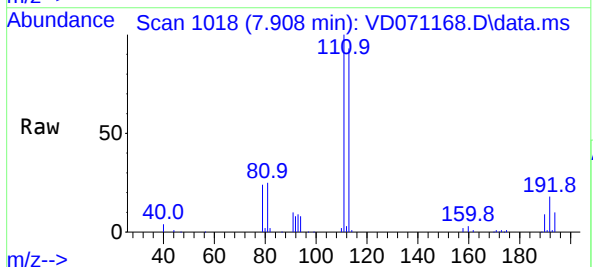
Tgt Ion:113 Resp: 160811

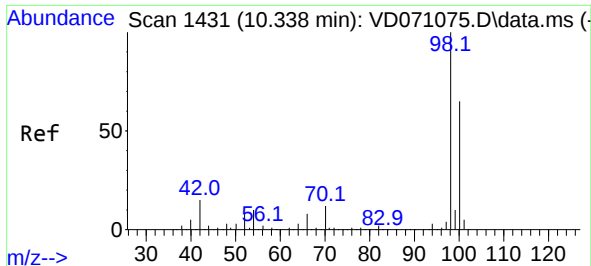
Ion Ratio Lower Upper

113 100

111 104.2 82.0 123.0

192 18.3 15.2 22.8

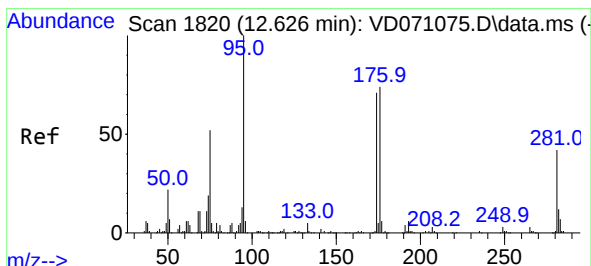
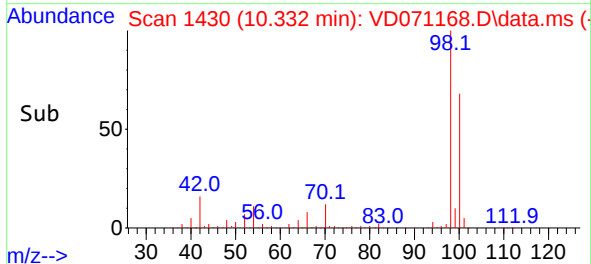
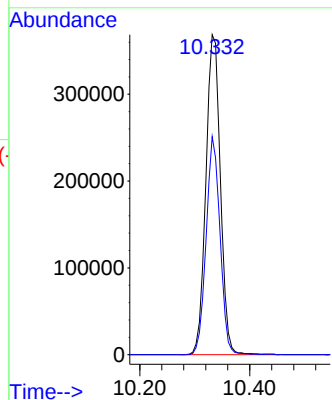
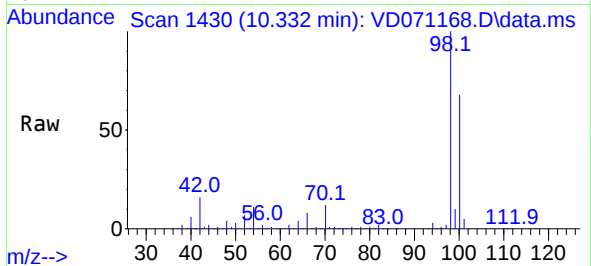




#50
Toluene-d8
Concen: 52.270 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071168.D
Acq: 06 Dec 2021 14:18

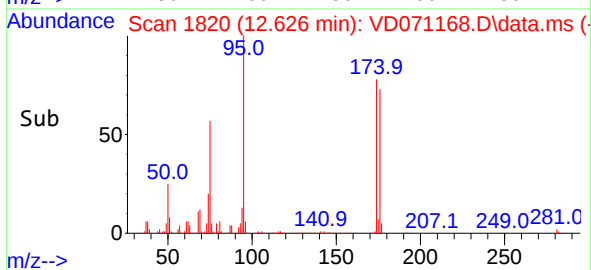
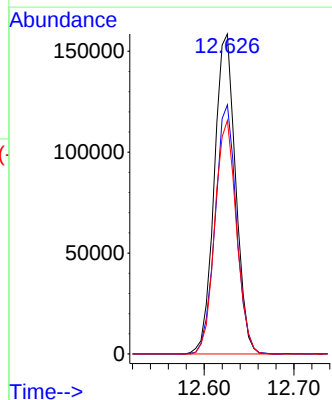
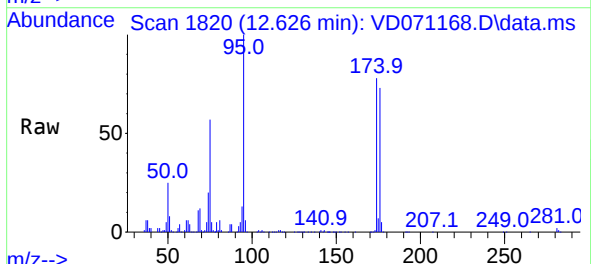
Instrument :
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TP-7-COMP

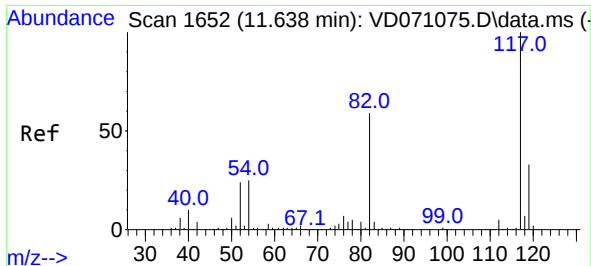
Tgt Ion: 98 Resp: 675931
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.339 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071168.D
Acq: 06 Dec 2021 14:18

Tgt Ion: 95 Resp: 261506
Ion Ratio Lower Upper
95 100
174 77.5 0.0 159.4
176 73.9 0.0 154.0

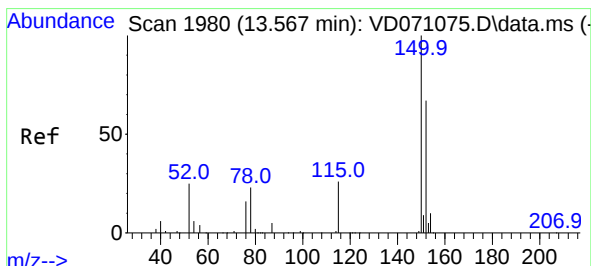
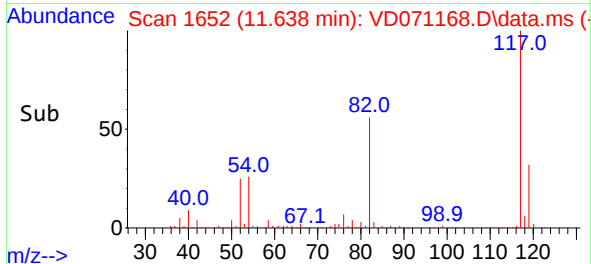
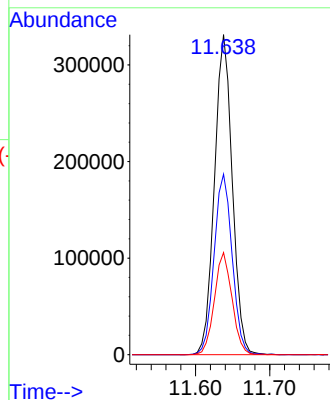
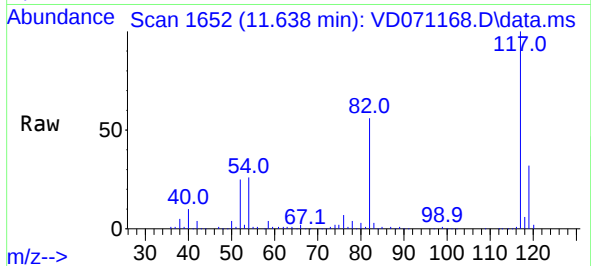




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071168.D
Acq: 06 Dec 2021 14:18

Instrument :
MSVOA_D
ClientSampleId :
TP-7-COMP

Tgt Ion:117 Resp: 553568
Ion Ratio Lower Upper
117 100
82 56.4 44.7 67.1
119 31.9 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: VD071168.D
Acq: 06 Dec 2021 14:18

Tgt Ion:152 Resp: 264887
Ion Ratio Lower Upper
152 100
115 60.8 29.8 89.3
150 158.2 0.0 349.2

