

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071965.D
 Acq On : 14 Feb 2022 19:01
 Operator : VA/SY
 Sample : N1524-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Feb 15 00:38:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	53469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	98240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	106209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	47818	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	56572	83.709	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	167.420%#
35) Dibromofluoromethane	7.914	113	39224	60.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.480%
50) Toluene-d8	10.337	98	127983	53.068	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.140%
62) 4-Bromofluorobenzene	12.625	95	45534	54.066	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.140%

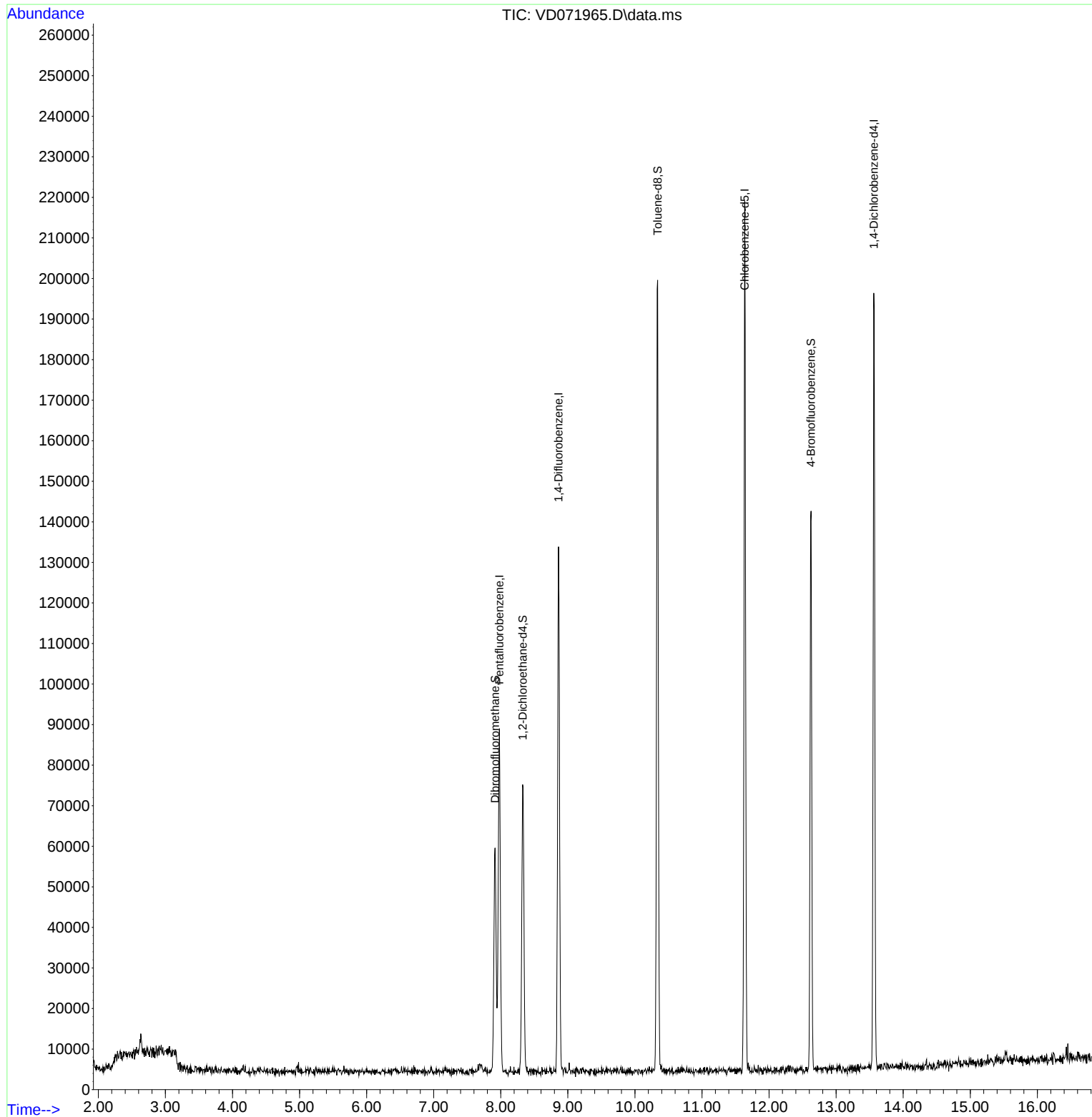
Target Compounds	Qvalue

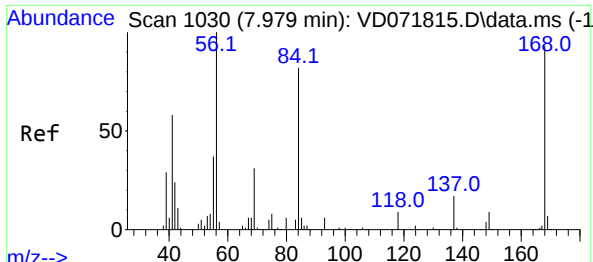
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD071965.D

Acq: 14 Feb 2022 19:01

Instrument :

MSVOA_D

ClientSampleId :

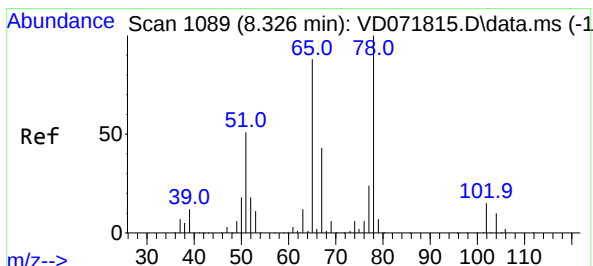
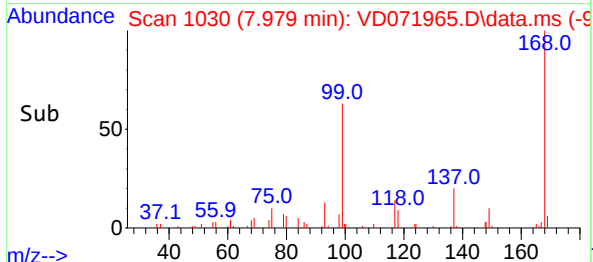
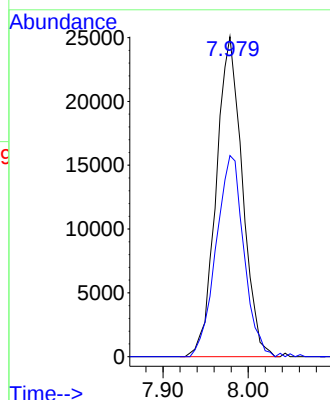
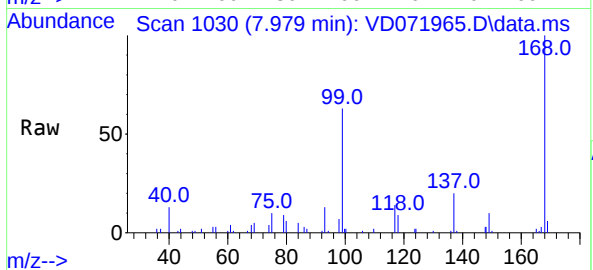
TP-1

Tgt Ion:168 Resp: 53469

Ion Ratio Lower Upper

168 100

99 62.8 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 83.709 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071965.D

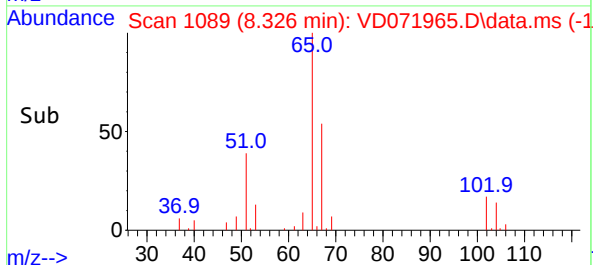
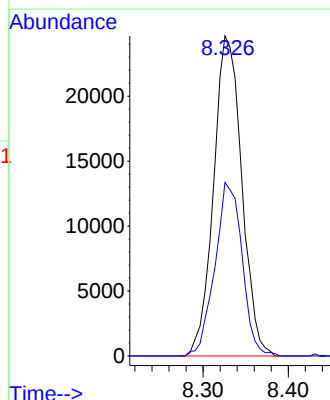
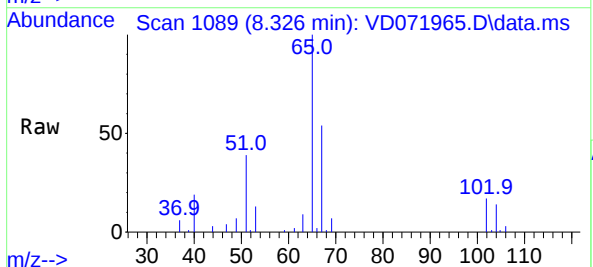
Acq: 14 Feb 2022 19:01

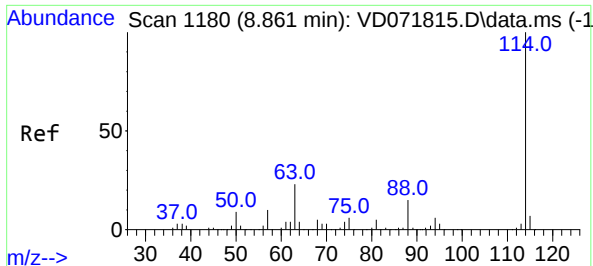
Tgt Ion: 65 Resp: 56572

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071965.D

Acq: 14 Feb 2022 19:01

Instrument :

MSVOA_D

ClientSampleId :

TP-1

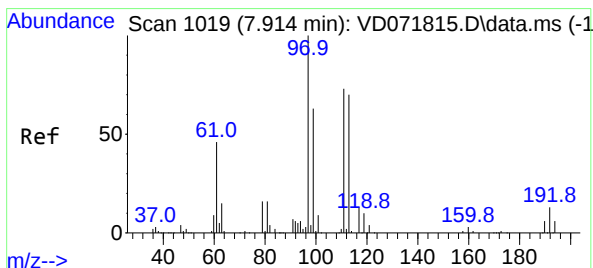
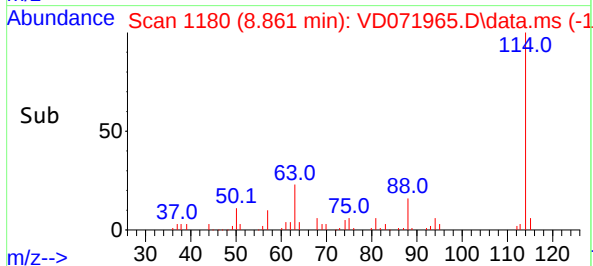
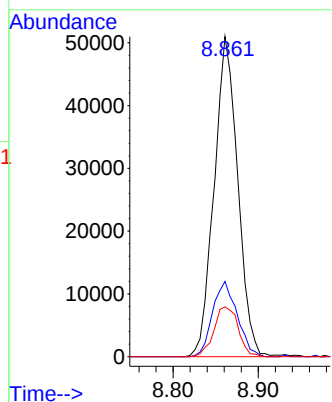
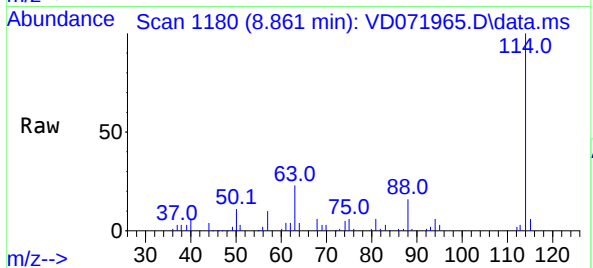
Tgt Ion:114 Resp: 98240

Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 60.741 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071965.D

Acq: 14 Feb 2022 19:01

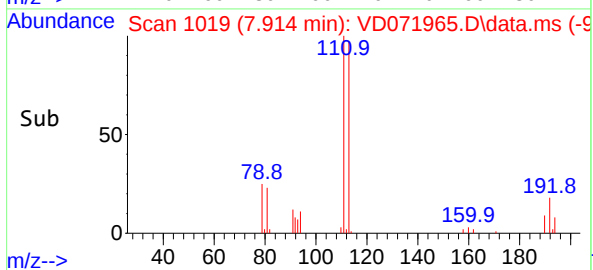
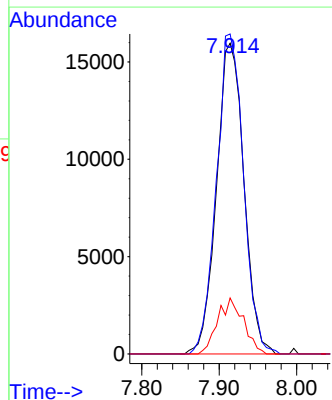
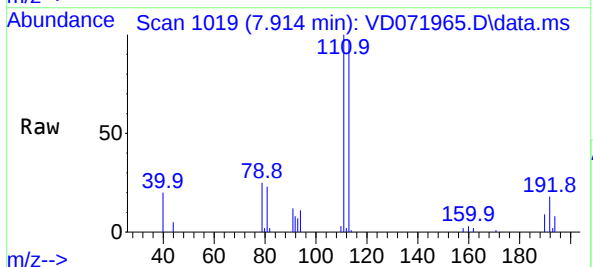
Tgt Ion:113 Resp: 39224

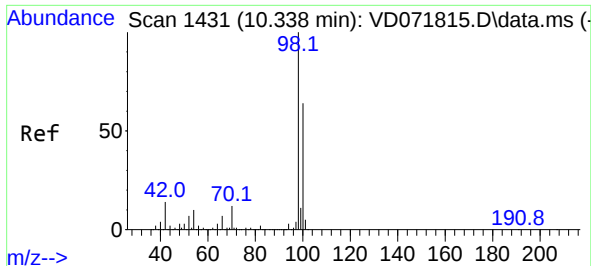
Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 17.0 14.6 21.8

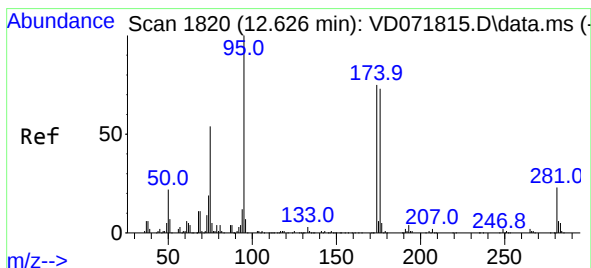
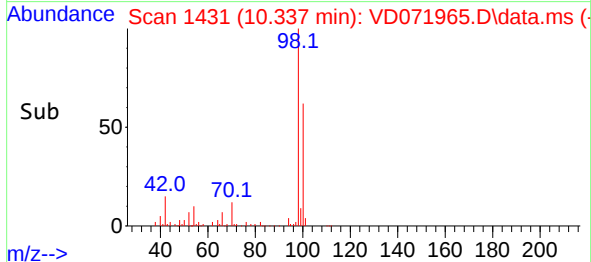
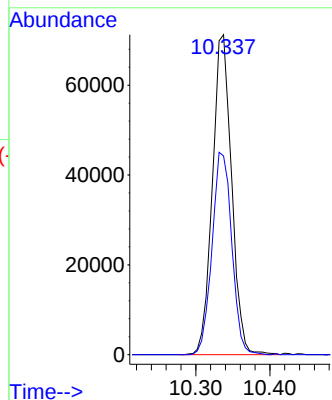
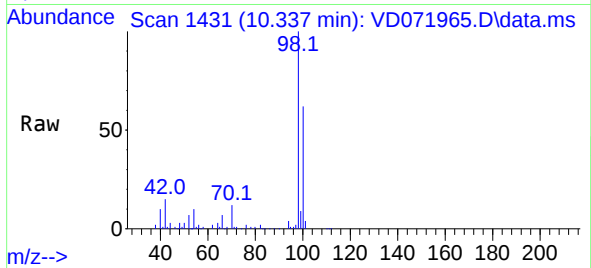




#50
Toluene-d8
Concen: 53.068 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071965.D
Acq: 14 Feb 2022 19:01

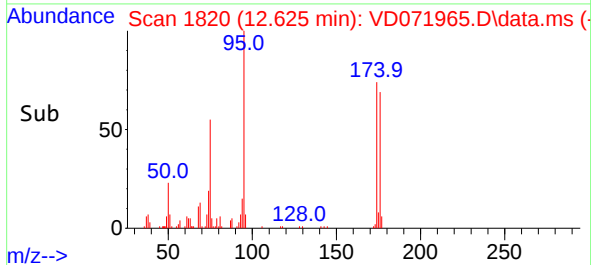
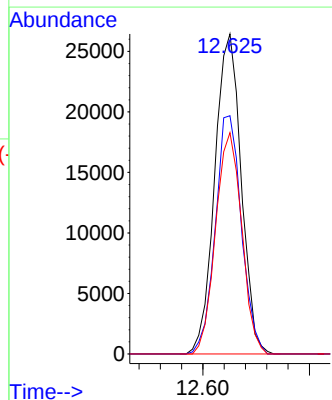
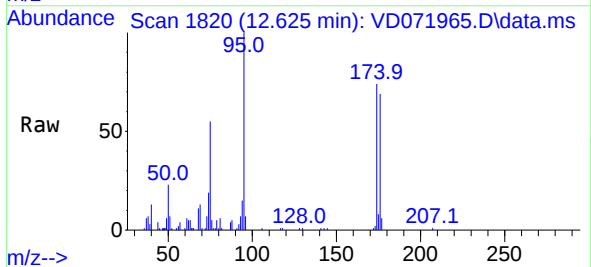
Instrument :
MSVOA_D
ClientSampleId :
TP-1

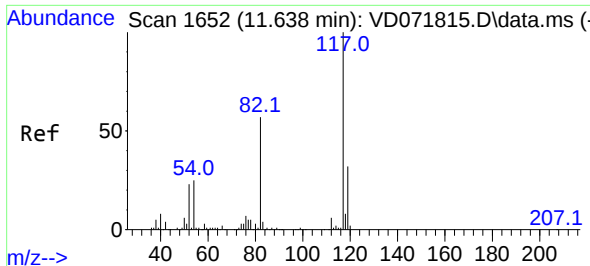
Tgt Ion: 98 Resp: 127983
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.066 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071965.D
Acq: 14 Feb 2022 19:01

Tgt Ion: 95 Resp: 45534
Ion Ratio Lower Upper
95 100
174 73.6 0.0 152.8
176 68.1 0.0 145.4

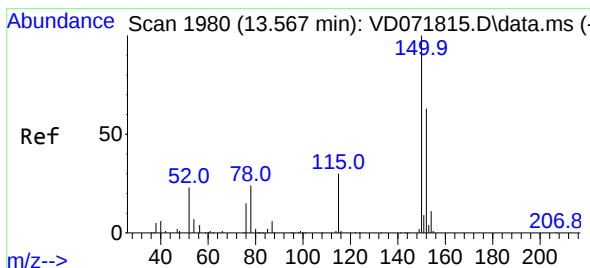
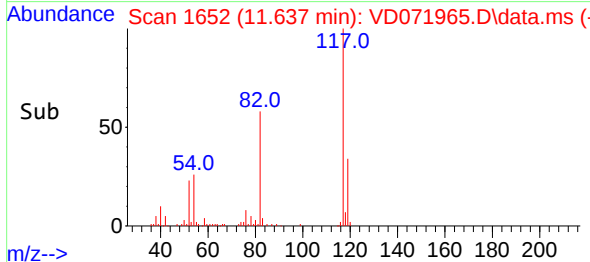
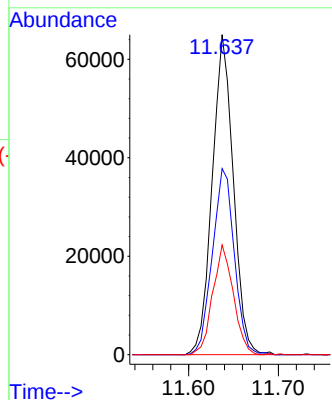
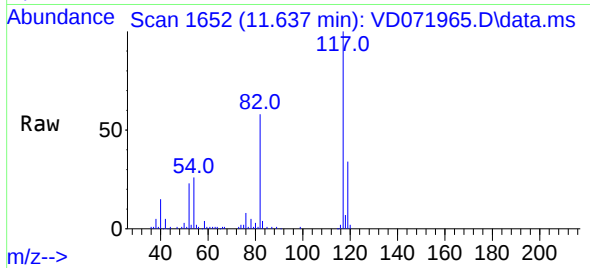




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071965.D
Acq: 14 Feb 2022 19:01

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 106209
Ion Ratio Lower Upper
117 100
82 58.1 45.3 67.9
119 34.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071965.D
Acq: 14 Feb 2022 19:01

Tgt Ion:152 Resp: 47818
Ion Ratio Lower Upper
152 100
115 62.5 31.3 93.8
150 153.9 0.0 348.6

