

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071961.D
 Acq On : 14 Feb 2022 17:09
 Operator : VA/SY
 Sample : N1521-15
 Misc : 6.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-B

Quant Time: Feb 15 00:37:25 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	373299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	728366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	708221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	298660	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	253519	53.731	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.460%
35) Dibromofluoromethane	7.914	113	238403	49.794	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.580%
50) Toluene-d8	10.338	98	934745	52.277	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.560%
62) 4-Bromofluorobenzene	12.626	95	307386	49.228	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.460%

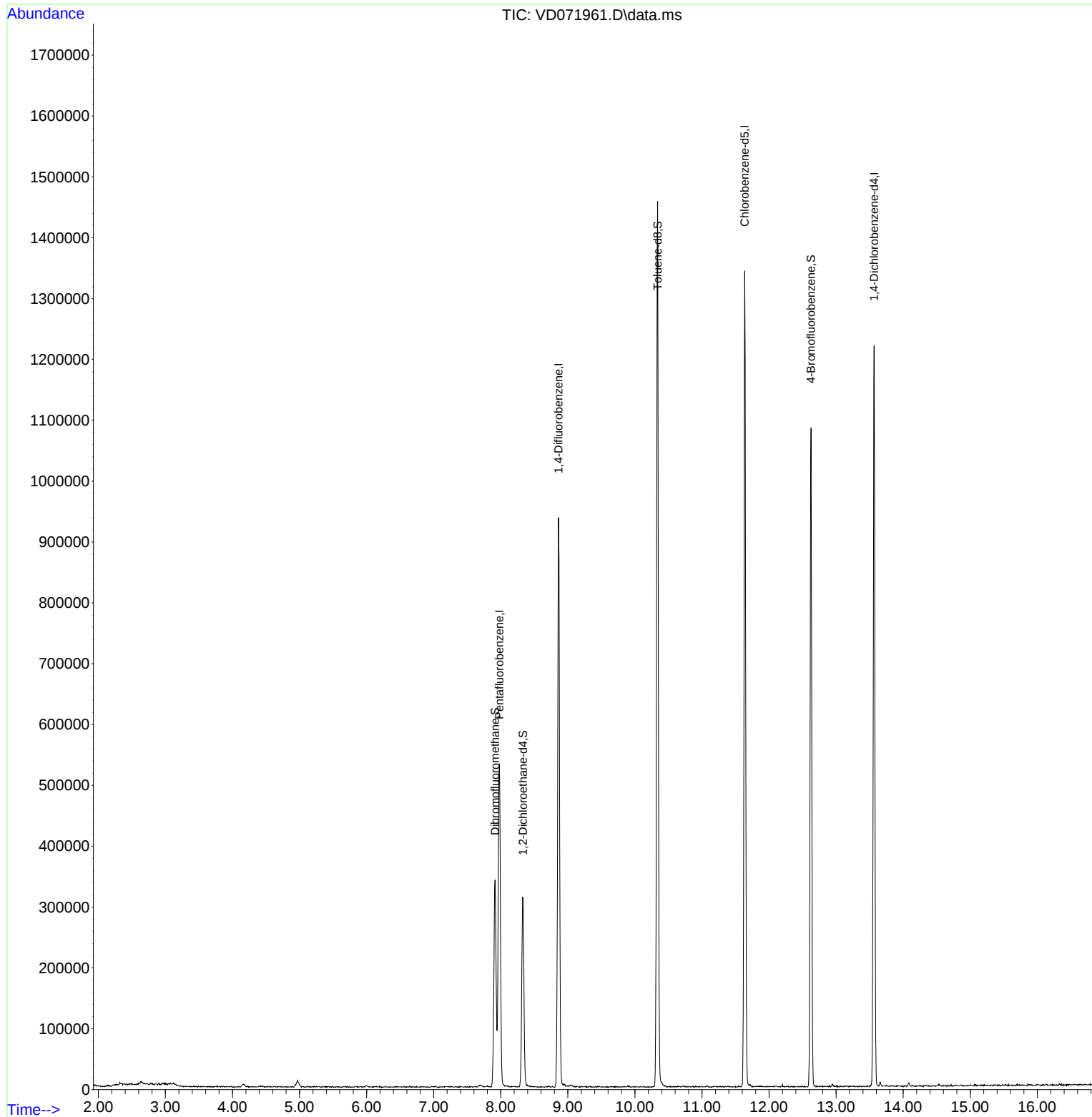
Target Compounds	Qvalue

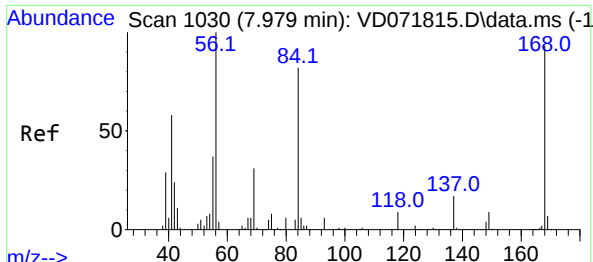
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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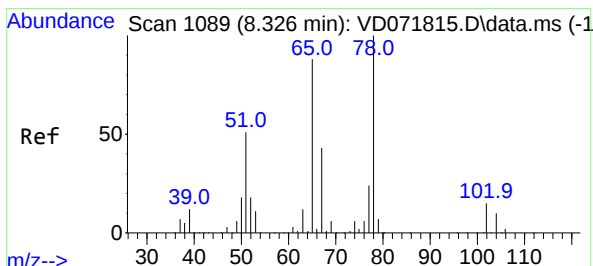
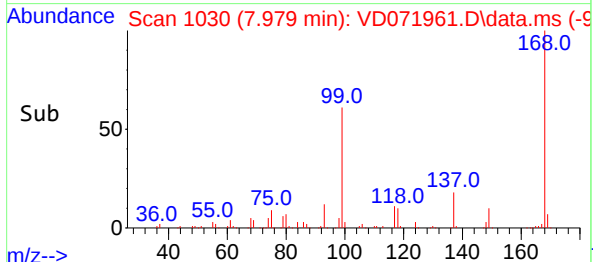
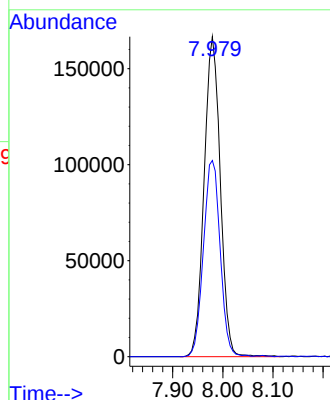
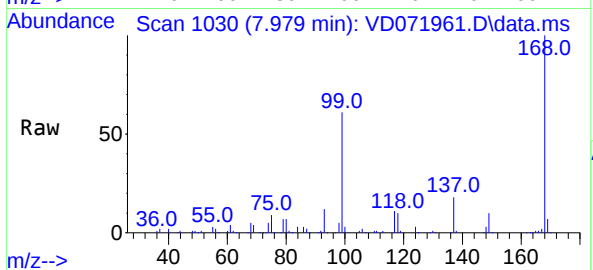




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071961.D
Acq: 14 Feb 2022 17:09

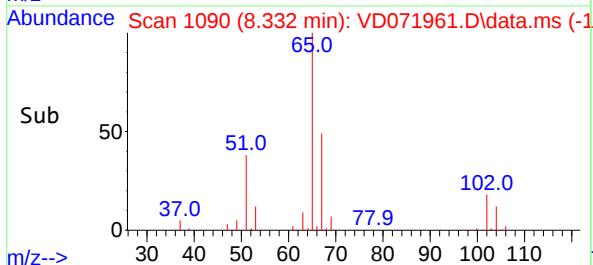
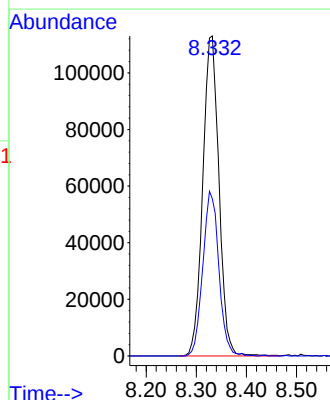
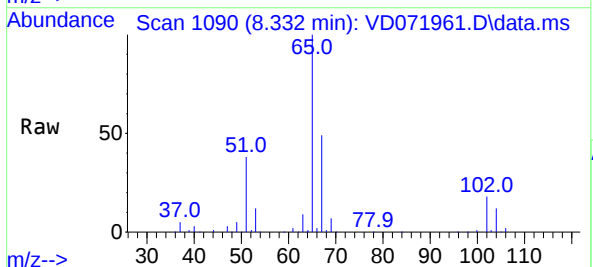
Instrument :
MSVOA_D
ClientSampleId :
TP3-B

Tgt Ion:168 Resp: 373299
Ion Ratio Lower Upper
168 100
99 61.3 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 53.731 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071961.D
Acq: 14 Feb 2022 17:09

Tgt Ion: 65 Resp: 253519
Ion Ratio Lower Upper
65 100
67 51.0 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: VD071961.D

Acq: 14 Feb 2022 17:09

Instrument :

MSVOA_D

ClientSampleId :

TP3-B

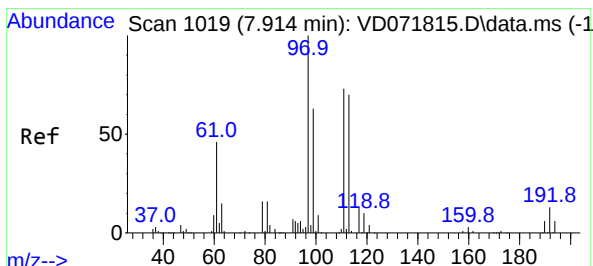
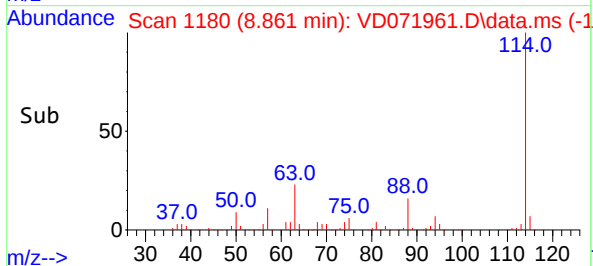
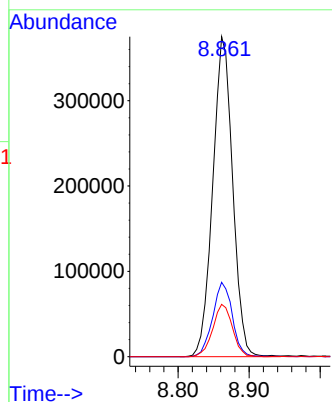
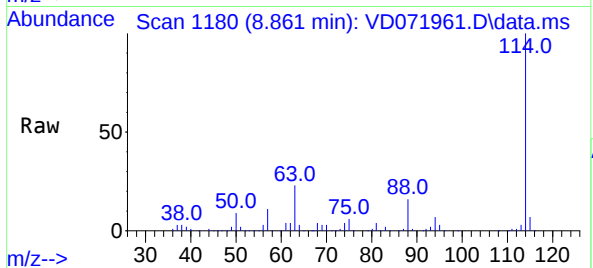
Tgt Ion:114 Resp: 728366

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.6

88 16.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.794 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071961.D

Acq: 14 Feb 2022 17:09

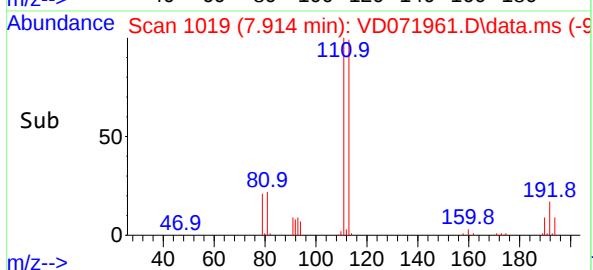
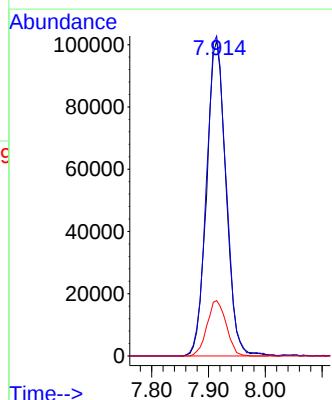
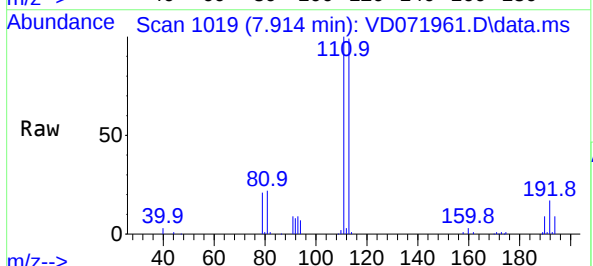
Tgt Ion:113 Resp: 238403

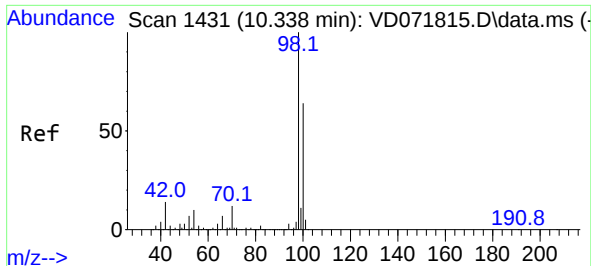
Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 17.5 14.6 21.8

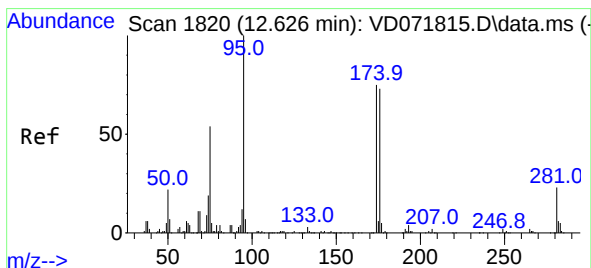
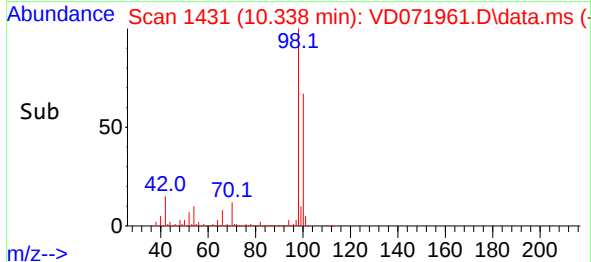
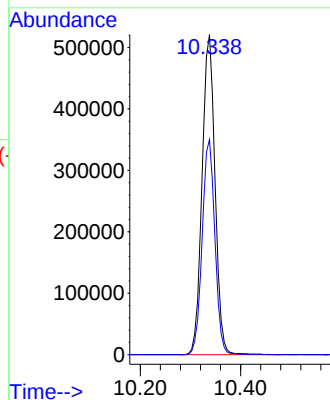
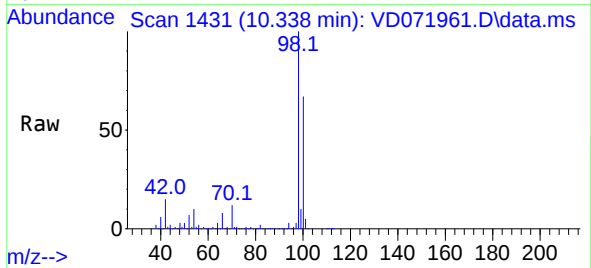




#50
Toluene-d8
Concen: 52.277 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071961.D
Acq: 14 Feb 2022 17:09

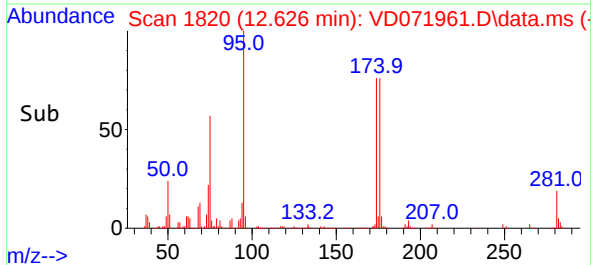
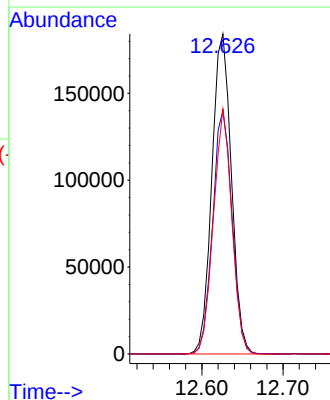
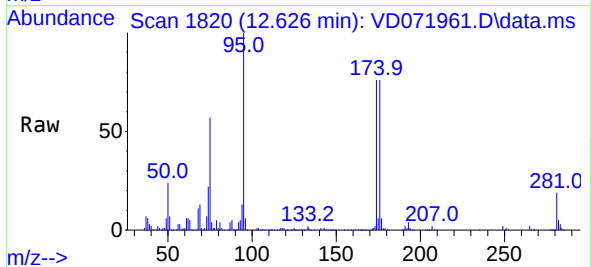
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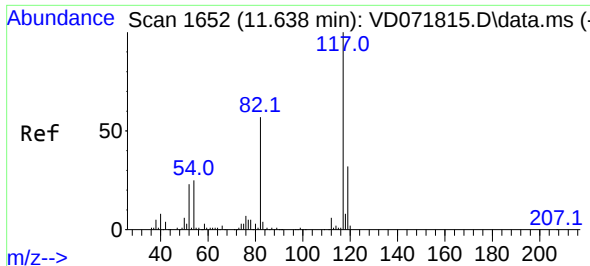
Tgt Ion: 98 Resp: 934745
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.228 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071961.D
Acq: 14 Feb 2022 17:09

Tgt Ion: 95 Resp: 307386
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 72.5 0.0 145.4

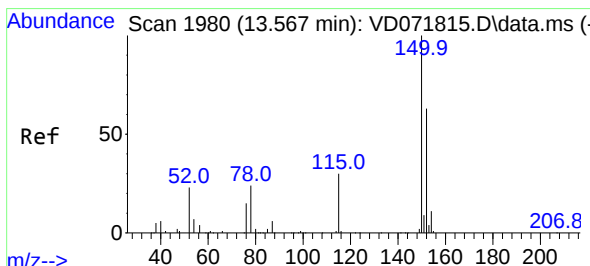
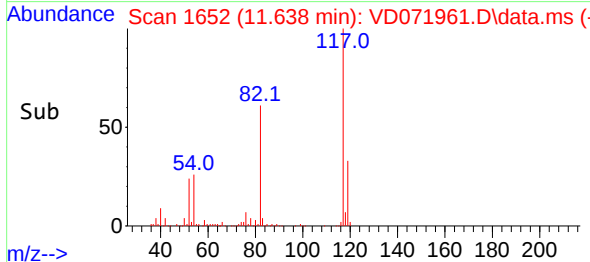
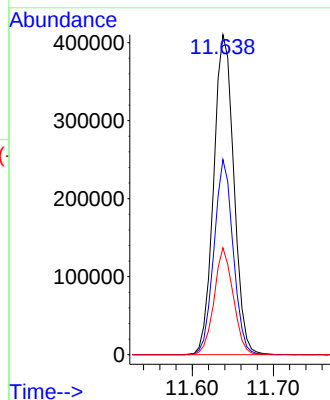
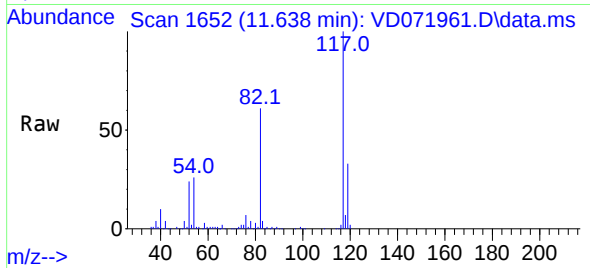




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071961.D
Acq: 14 Feb 2022 17:09

Instrument :
MSVOA_D
ClientSampleId :
TP3-B

Tgt Ion:117 Resp: 708221
Ion Ratio Lower Upper
117 100
82 61.0 45.3 67.9
119 33.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071961.D
Acq: 14 Feb 2022 17:09

Tgt Ion:152 Resp: 298660
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.8
150 159.1 0.0 348.6

