

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021722\
 Data File : VD072011.D
 Acq On : 17 Feb 2022 14:04
 Operator : VA/SY
 Sample : N1579-03
 Misc : 6.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6-(3.0-3.5)

Quant Time: Feb 18 06:37:39 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	7.973	168	144045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	274461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	277728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	124144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	131898	72.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.900%
35) Dibromofluoromethane	7.909	113	102593	56.866	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.740%
50) Toluene-d8	10.332	98	359668	53.381	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.760%
62) 4-Bromofluorobenzene	12.620	95	124306	52.831	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.660%

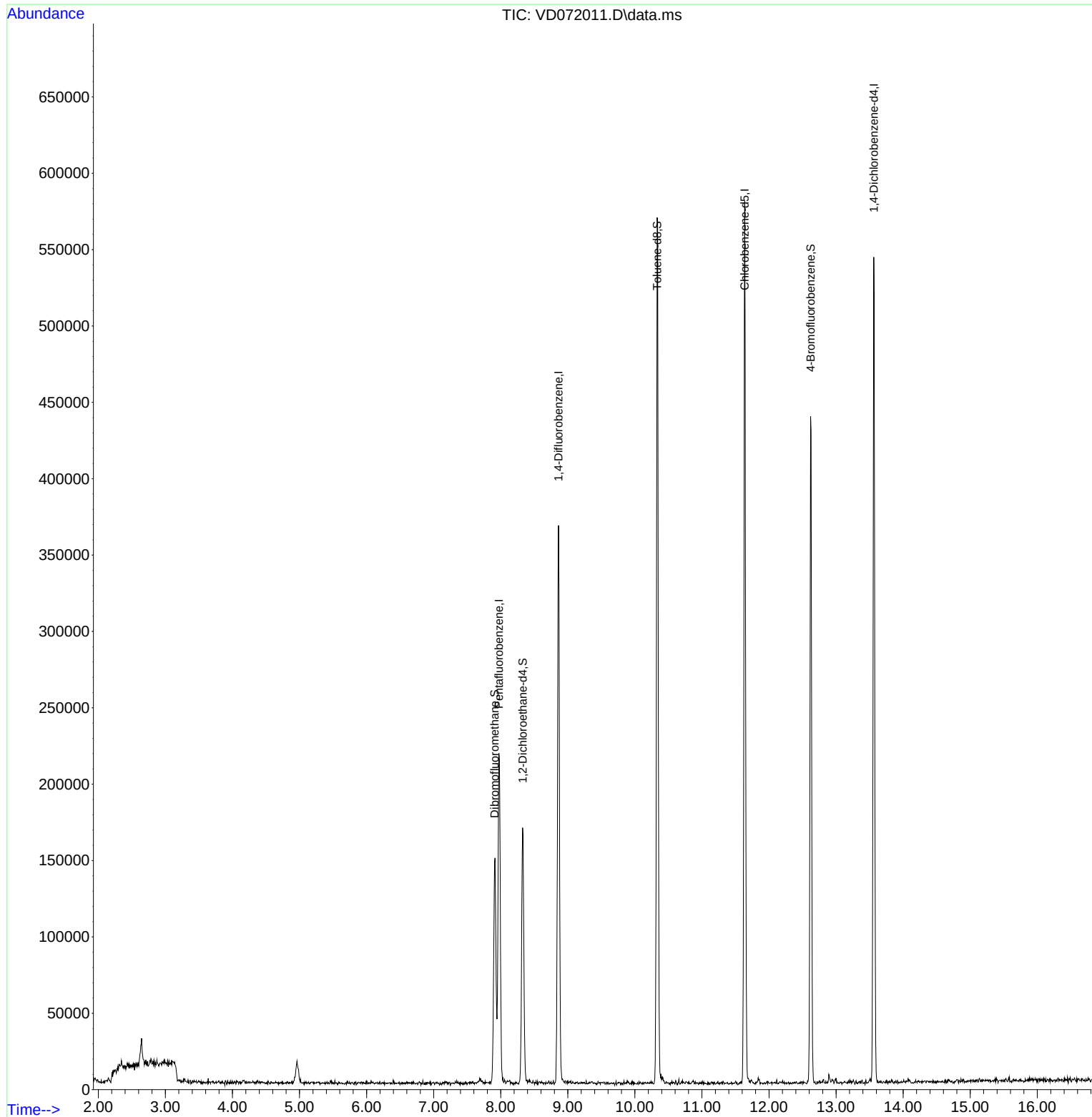
Target Compounds Qvalue

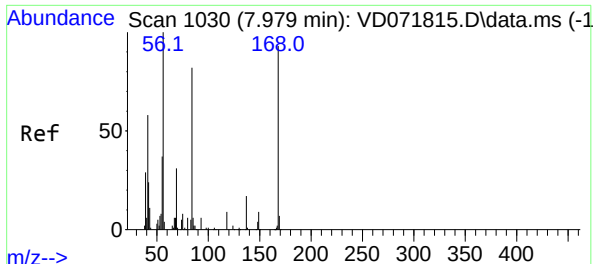
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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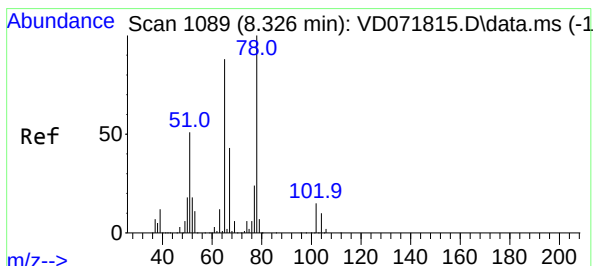
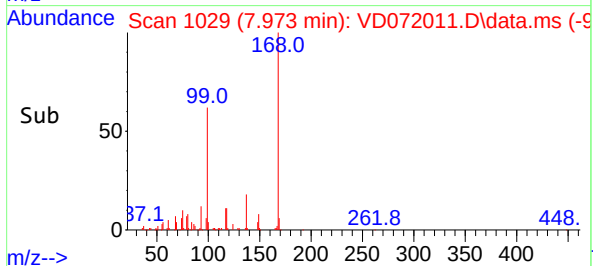
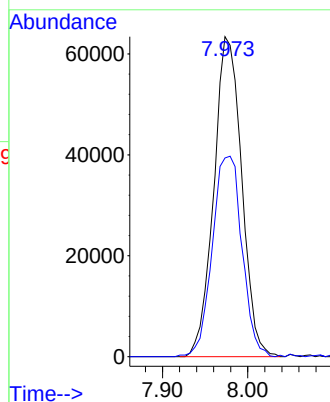
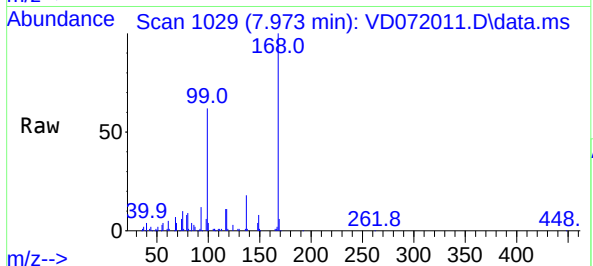




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072011.D
Acq: 17 Feb 2022 14:04

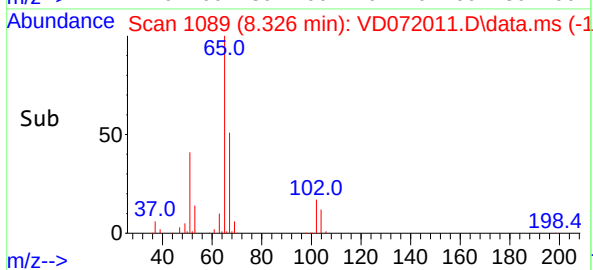
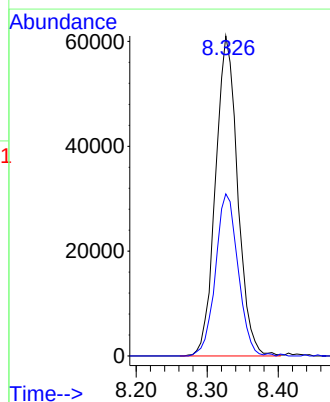
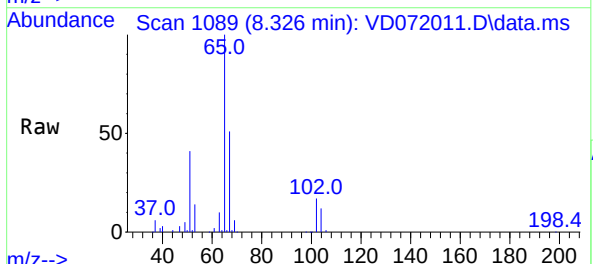
Instrument :
MSVOA_D
ClientSampleId :
SB-6-(3.0-3.5)

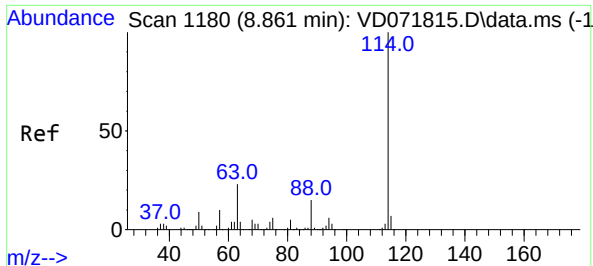
Tgt Ion:168 Resp: 144045
Ion Ratio Lower Upper
168 100
99 61.7 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 72.445 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072011.D
Acq: 17 Feb 2022 14:04

Tgt Ion: 65 Resp: 131898
Ion Ratio Lower Upper
65 100
67 51.7 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: VD072011.D

Acq: 17 Feb 2022 14:04

Instrument :

MSVOA_D

ClientSampleId :

SB-6-(3.0-3.5)

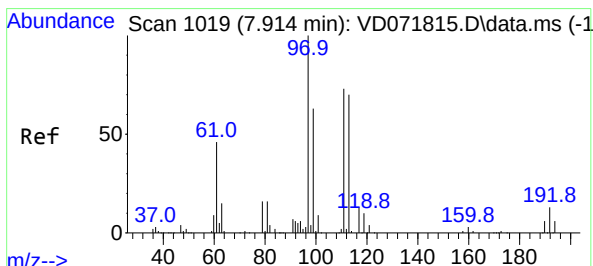
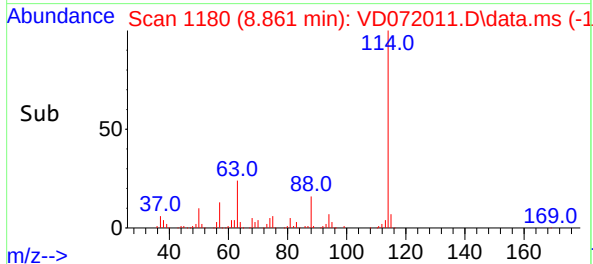
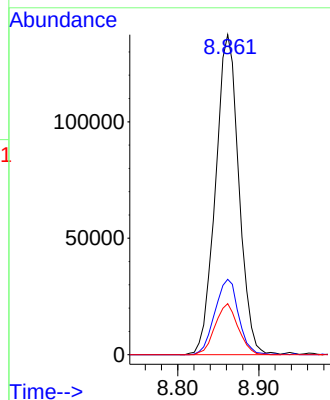
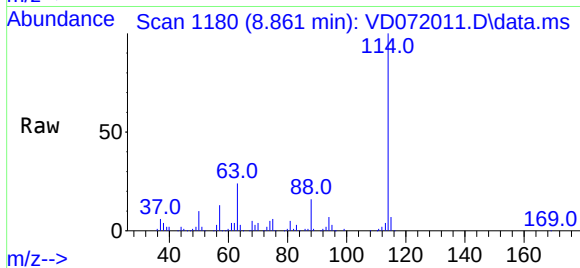
Tgt Ion:114 Resp: 274461

Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 56.866 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072011.D

Acq: 17 Feb 2022 14:04

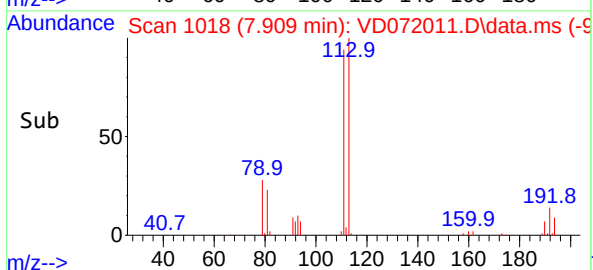
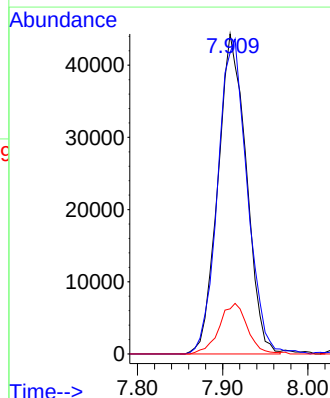
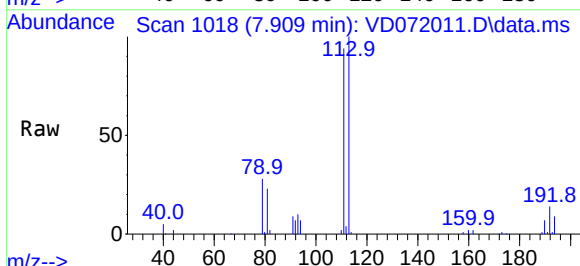
Tgt Ion:113 Resp: 102593

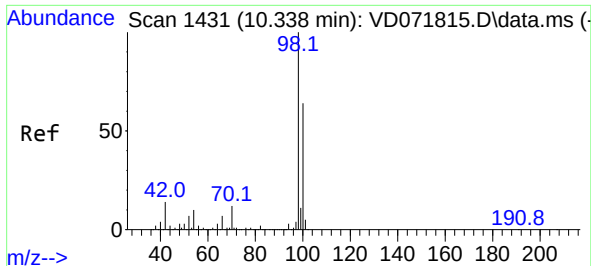
Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 15.7 14.6 21.8

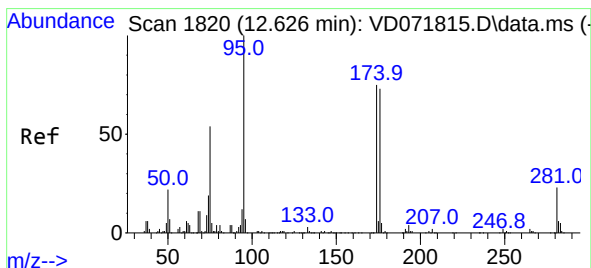
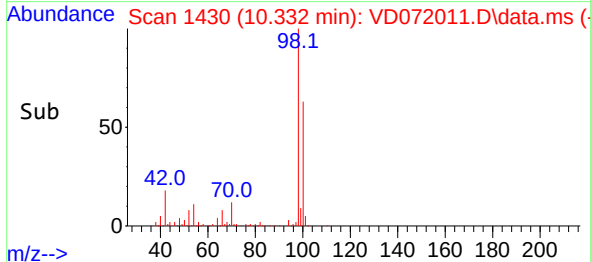
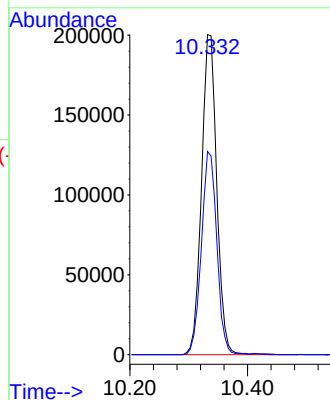
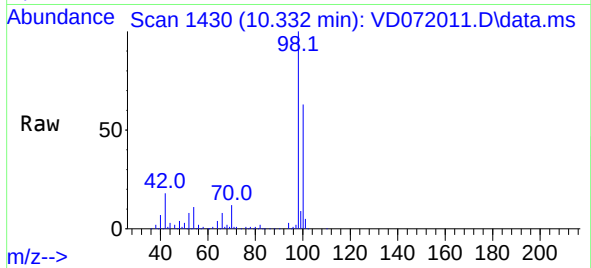




#50
Toluene-d8
Concen: 53.381 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072011.D
Acq: 17 Feb 2022 14:04

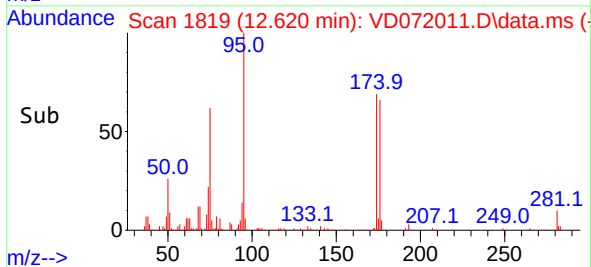
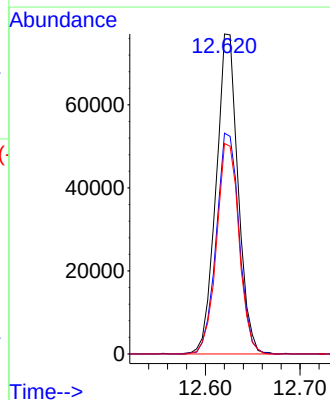
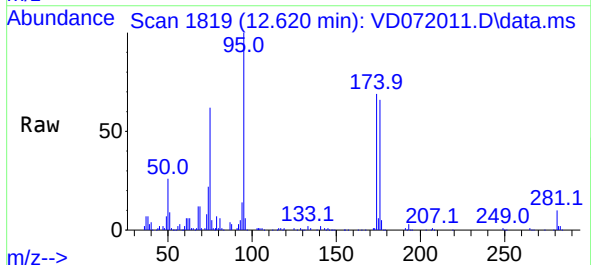
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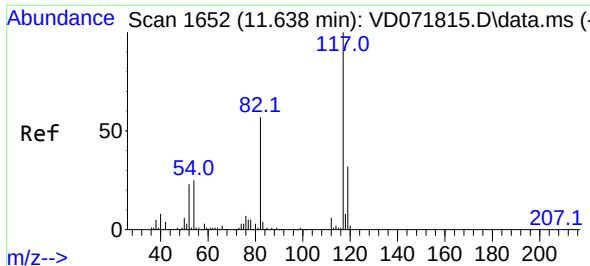
Tgt Ion: 98 Resp: 359668
Ion Ratio Lower Upper
98 100
100 64.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.831 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072011.D
Acq: 17 Feb 2022 14:04

Tgt Ion: 95 Resp: 124306
Ion Ratio Lower Upper
95 100
174 71.6 0.0 152.8
176 67.4 0.0 145.4

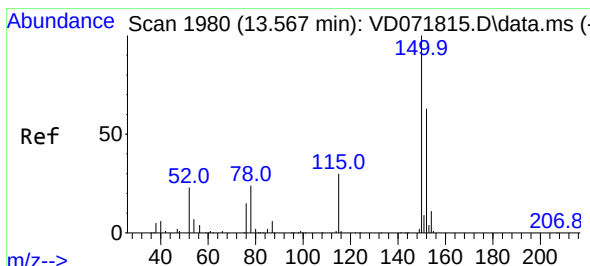
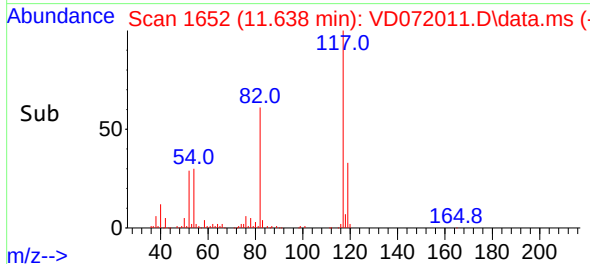
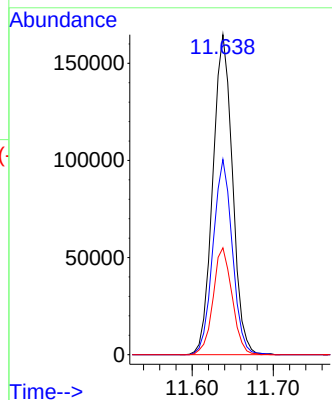
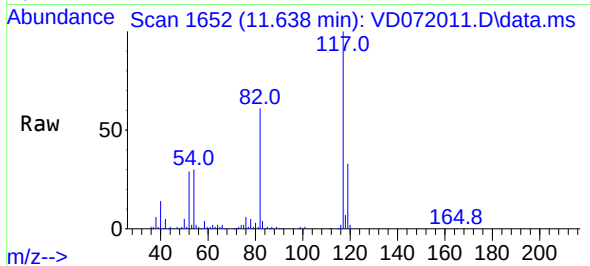




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072011.D
Acq: 17 Feb 2022 14:04

Instrument :
MSVOA_D
ClientSampleId :
SB-6-(3.0-3.5)

Tgt Ion:117 Resp: 277728
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: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072011.D
Acq: 17 Feb 2022 14:04

Tgt Ion:152 Resp: 124144
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 155.2 0.0 348.6

