

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
 Data File : VD072912.D
 Acq On : 10 May 2022 14:09
 Operator : VA/SY
 Sample : N2739-05
 Misc : 4.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124035

Quant Time: May 11 05:50:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	390528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	725224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	698513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	321815	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	235797	46.514	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.020%
35) Dibromofluoromethane	7.914	113	235804	46.297	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.600%
50) Toluene-d8	10.332	98	889252	48.672	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.340%
62) 4-Bromofluorobenzene	12.620	95	338492	49.687	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.380%

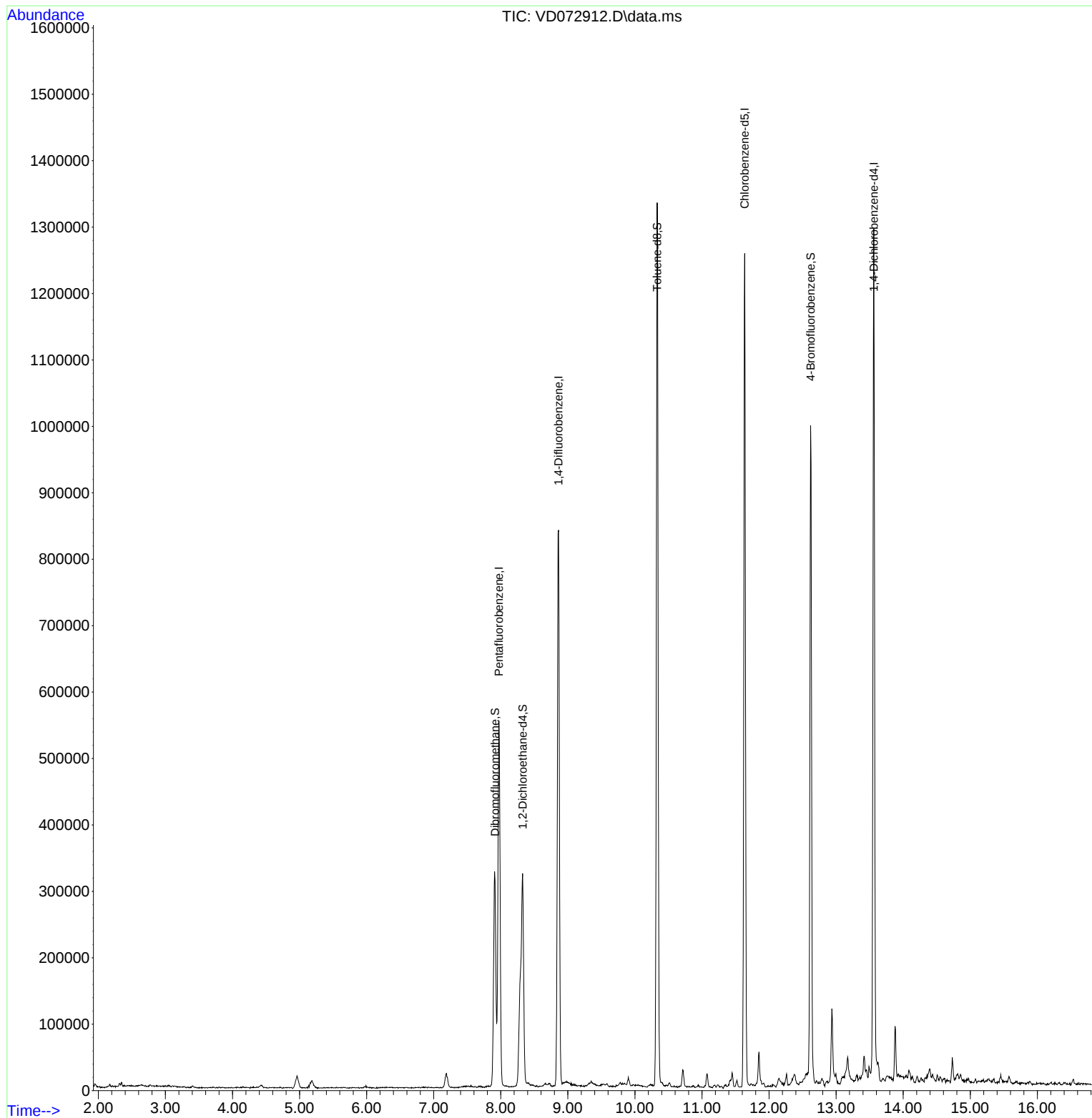
Target Compounds	Qvalue

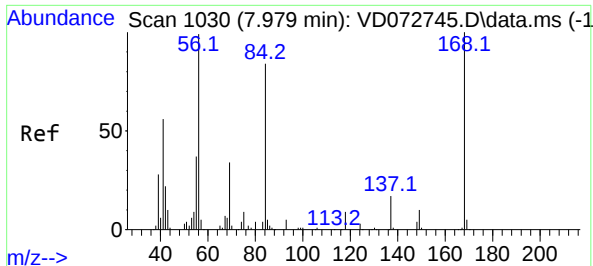
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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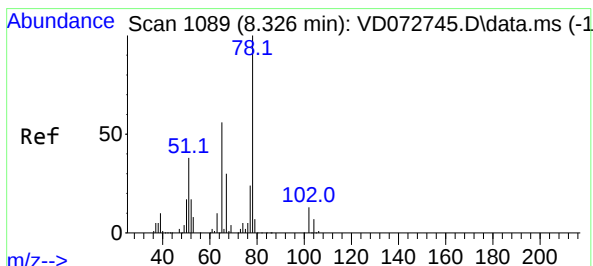
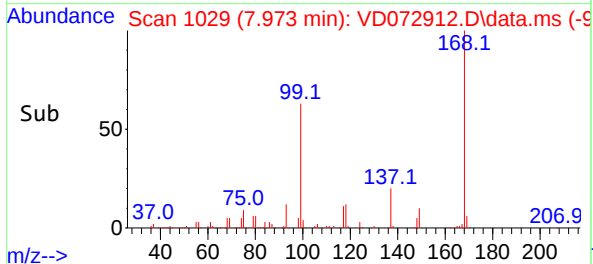
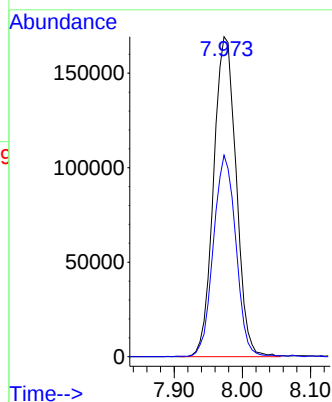
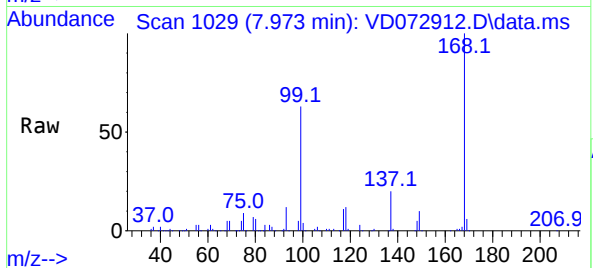




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072912.D
Acq: 10 May 2022 14:09

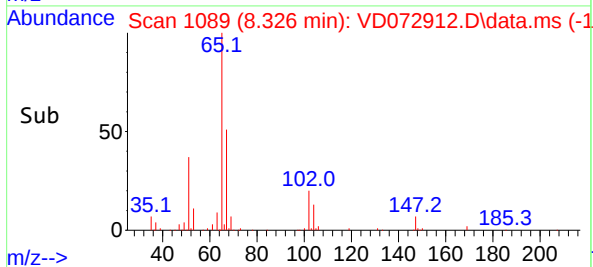
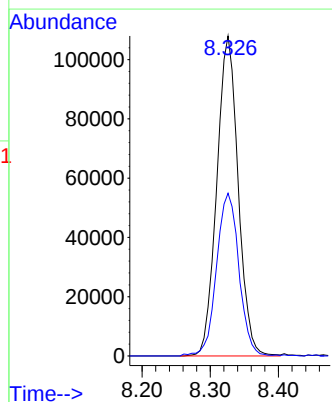
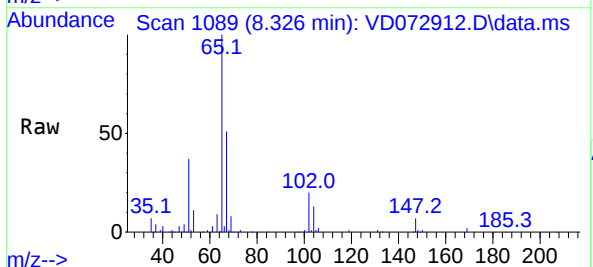
Instrument :
MSVOA_D
ClientSampleId :
124035

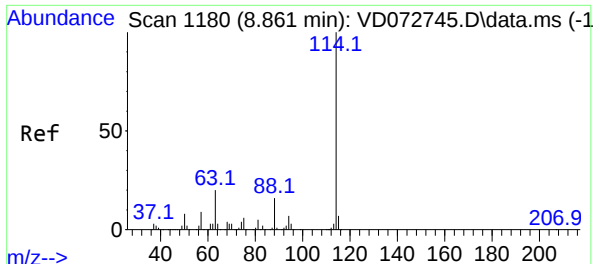
Tgt Ion:168 Resp: 390528
Ion Ratio Lower Upper
168 100
99 62.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 46.514 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072912.D
Acq: 10 May 2022 14:09

Tgt Ion: 65 Resp: 235797
Ion Ratio Lower Upper
65 100
67 53.2 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: VD072912.D

Acq: 10 May 2022 14:09

Instrument :

MSVOA_D

ClientSampleId :

124035

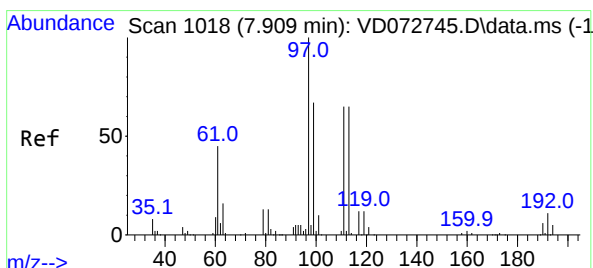
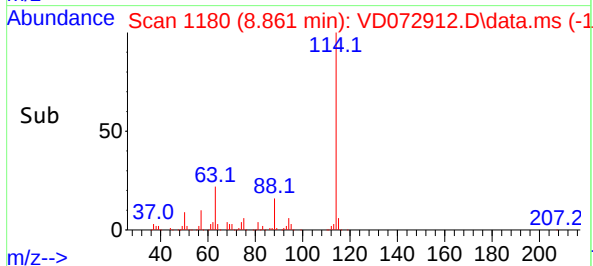
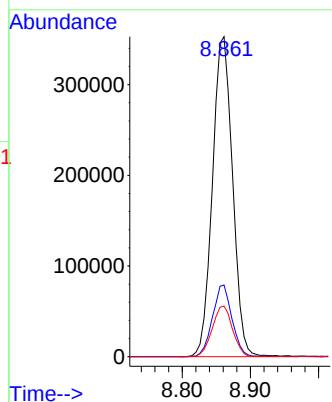
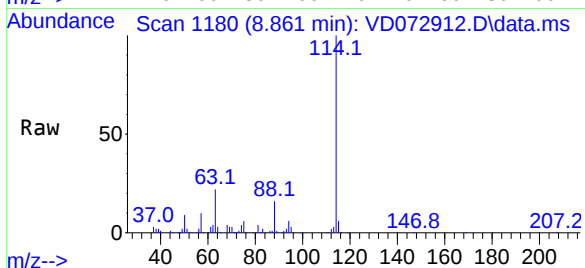
Tgt Ion:114 Resp: 725224

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.297 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.005 min

Lab File: VD072912.D

Acq: 10 May 2022 14:09

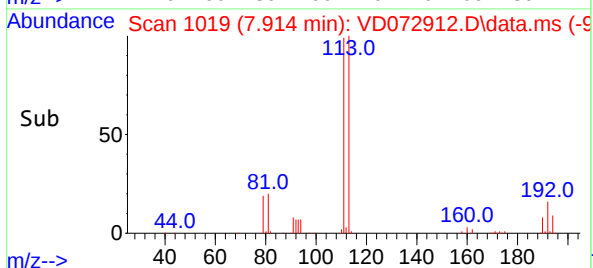
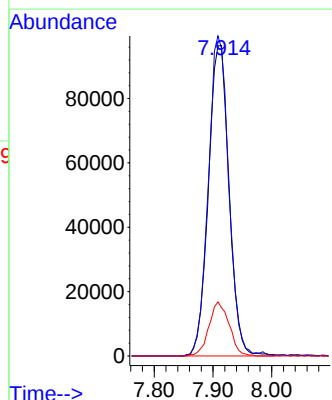
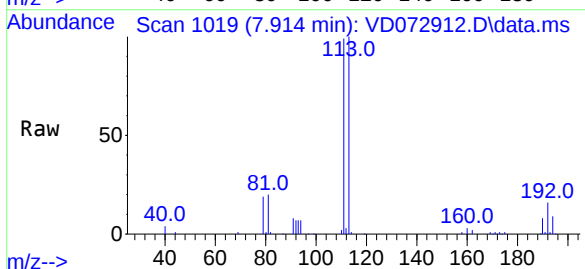
Tgt Ion:113 Resp: 235804

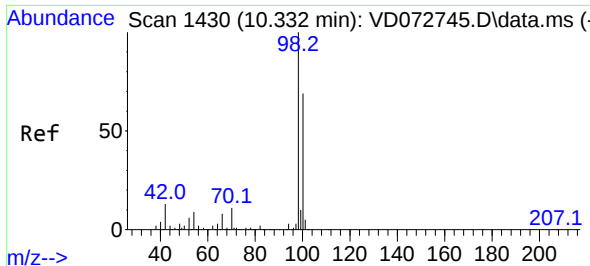
Ion Ratio Lower Upper

113 100

111 101.5 83.8 125.6

192 17.0 14.6 21.8

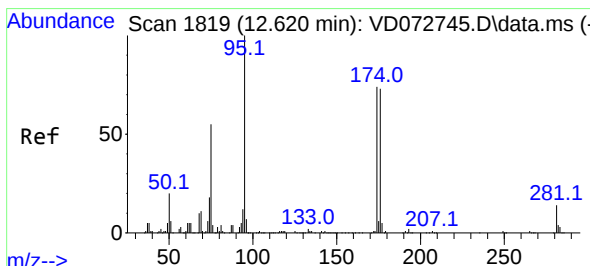
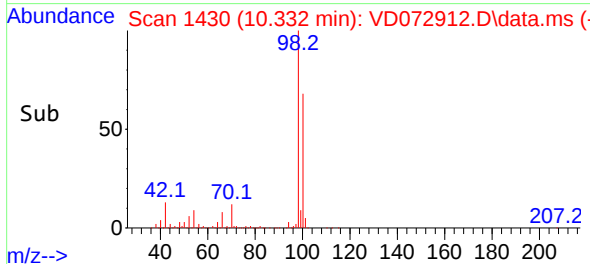
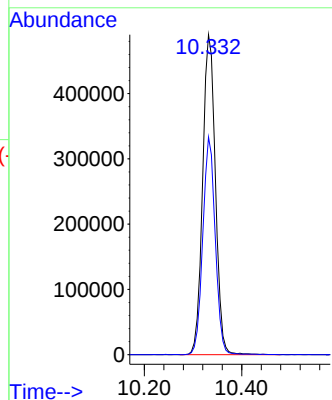
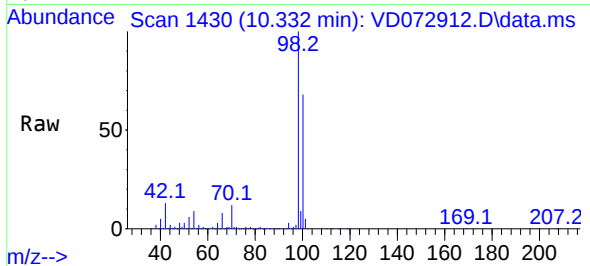




#50
Toluene-d8
Concen: 48.672 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072912.D
Acq: 10 May 2022 14:09

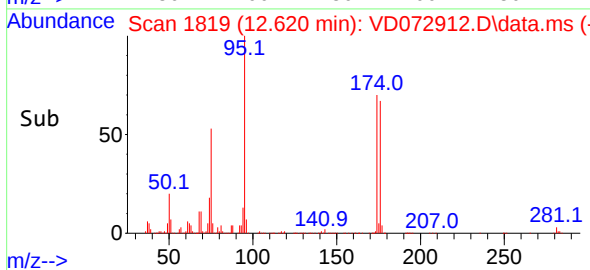
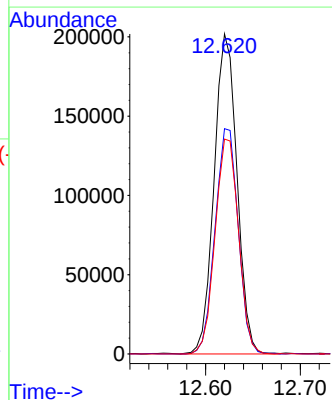
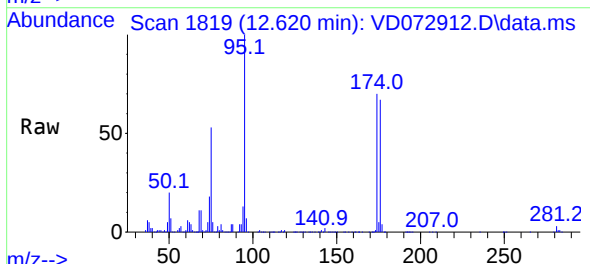
Instrument :
MSVOA_D
ClientSampleId :
124035

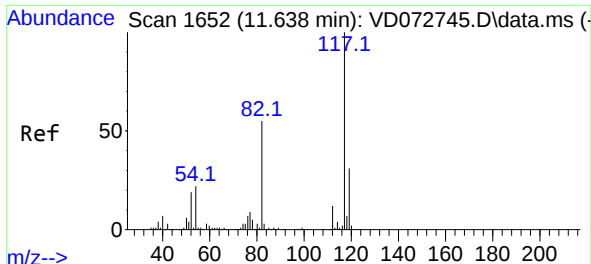
Tgt Ion: 98 Resp: 889252
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.687 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072912.D
Acq: 10 May 2022 14:09

Tgt Ion: 95 Resp: 338492
Ion Ratio Lower Upper
95 100
174 71.3 0.0 152.8
176 68.9 0.0 145.4

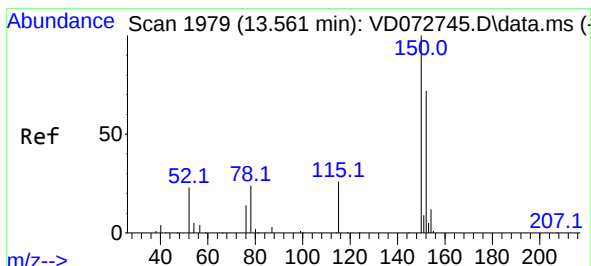
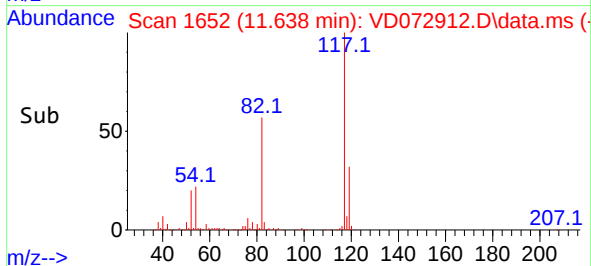
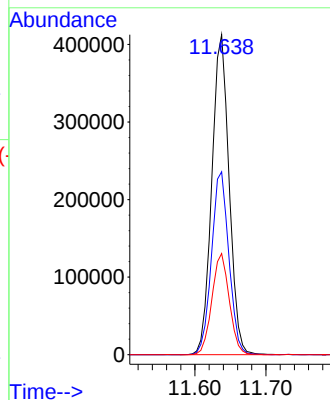
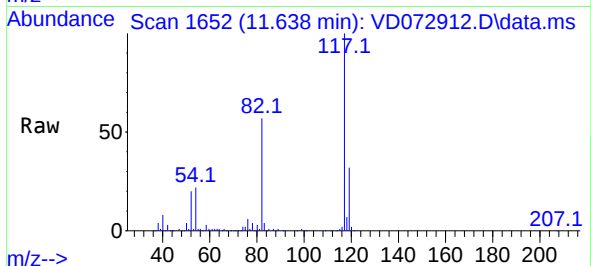




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072912.D
Acq: 10 May 2022 14:09

Instrument :
MSVOA_D
ClientSampleId :
124035

Tgt Ion:117 Resp: 698513
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 31.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072912.D
Acq: 10 May 2022 14:09

Tgt Ion:152 Resp: 321815
Ion Ratio Lower Upper
152 100
115 63.0 31.3 93.8
150 157.9 0.0 348.6

