

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072794.D
 Acq On : 04 May 2022 17:49
 Operator : VA/SY
 Sample : N2677-03
 Misc : 6.53G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1,9

Quant Time: May 05 01:38:32 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	309392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	566707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	573236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264006	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	208265	51.857	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.720%
35) Dibromofluoromethane	7.908	113	199065	50.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.040%
50) Toluene-d8	10.331	98	703471	49.274	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.540%
62) 4-Bromofluorobenzene	12.620	95	275887	51.825	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.660%

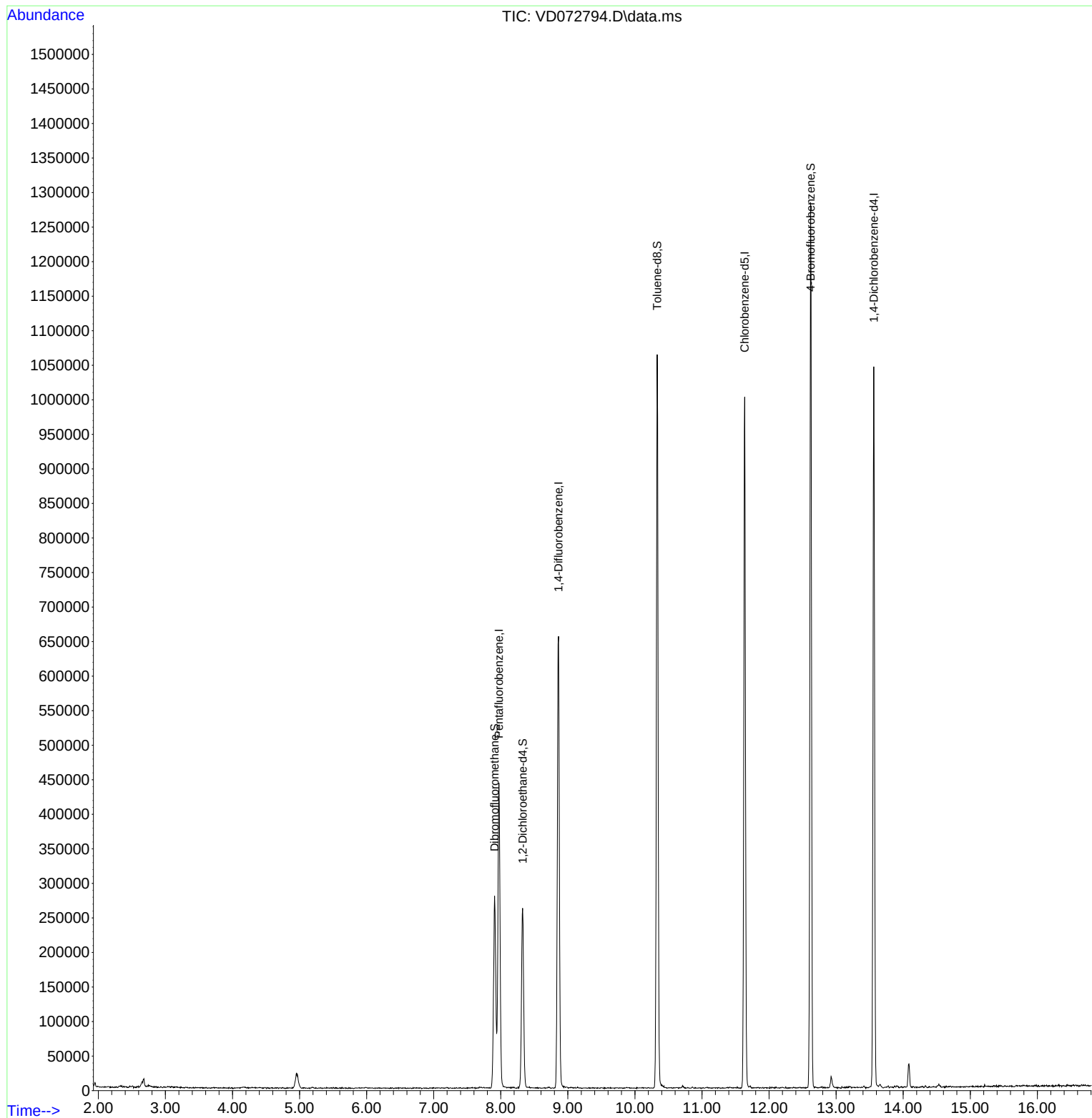
Target Compounds	Qvalue

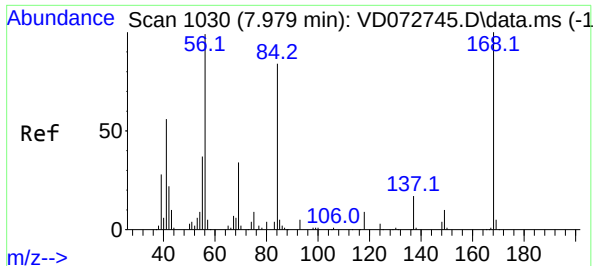
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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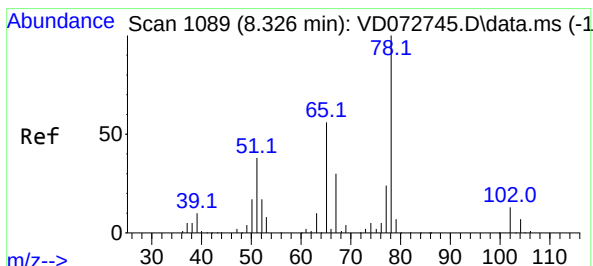
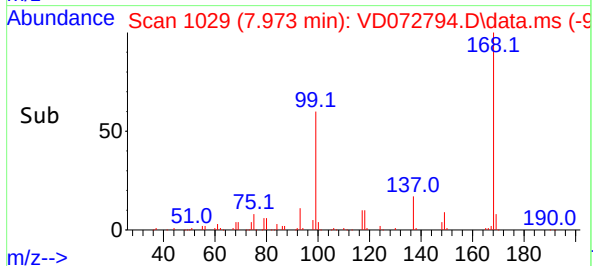
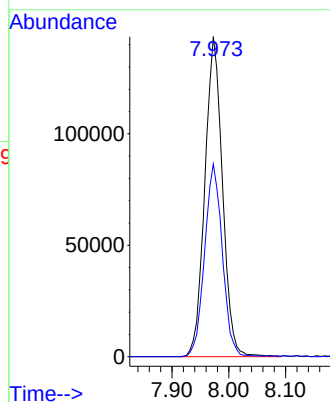
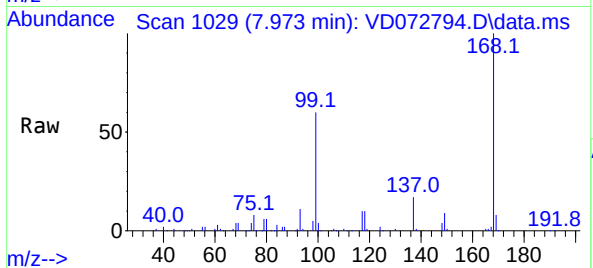




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072794.D
Acq: 04 May 2022 17:49

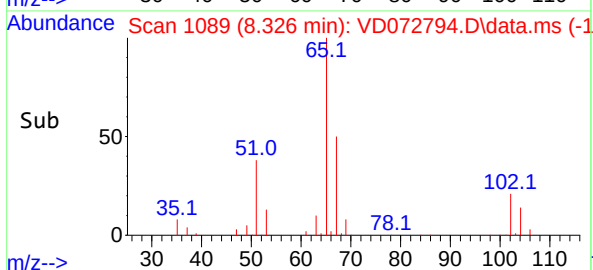
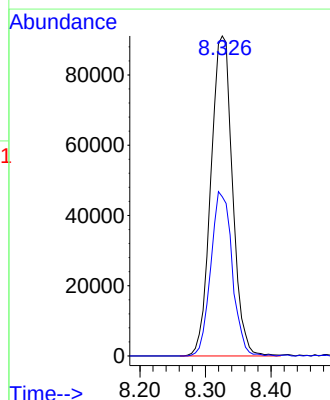
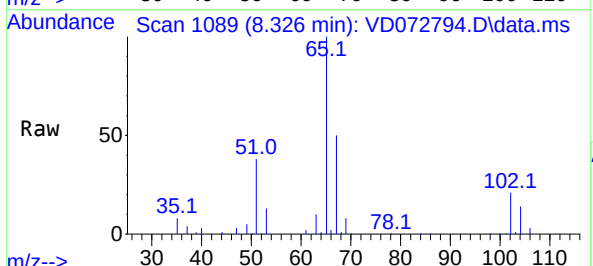
Instrument :
MSVOA_D
ClientSampleId :
SB-1,9

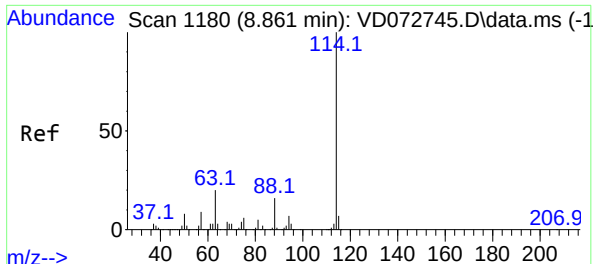
Tgt Ion:168 Resp: 309392
Ion Ratio Lower Upper
168 100
99 60.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 51.857 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072794.D
Acq: 04 May 2022 17:49

Tgt Ion: 65 Resp: 208265
Ion Ratio Lower Upper
65 100
67 50.9 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: VD072794.D

Acq: 04 May 2022 17:49

Instrument :

MSVOA_D

ClientSampleId :

SB-1,9

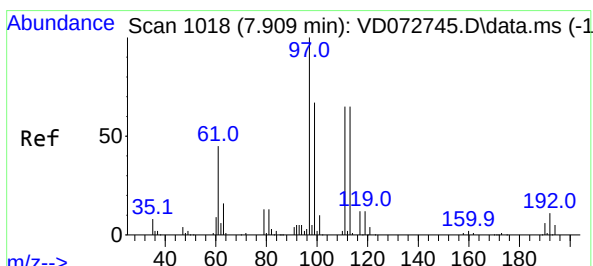
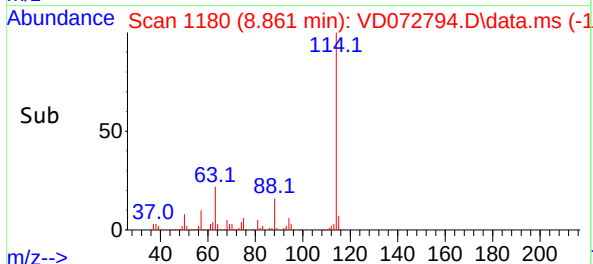
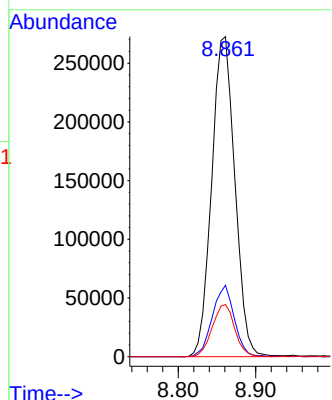
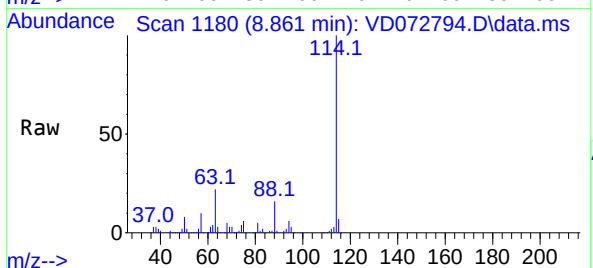
Tgt Ion:114 Resp: 566707

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.6

88 16.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.016 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072794.D

Acq: 04 May 2022 17:49

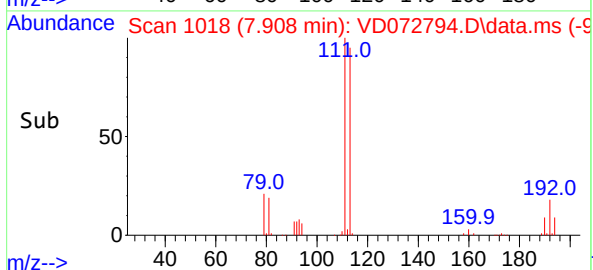
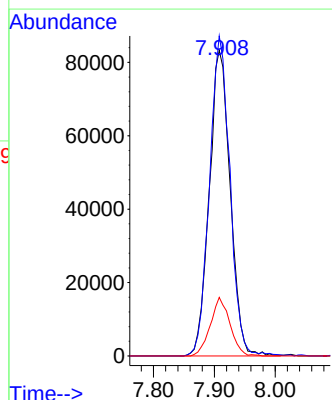
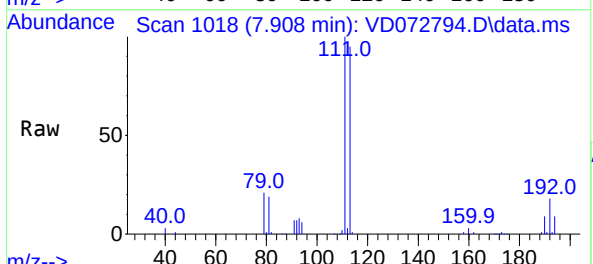
Tgt Ion:113 Resp: 199065

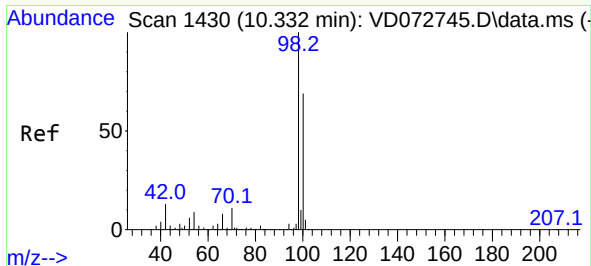
Ion Ratio Lower Upper

113 100

111 102.2 83.8 125.6

192 18.0 14.6 21.8

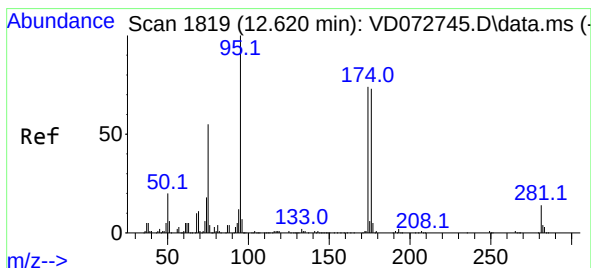
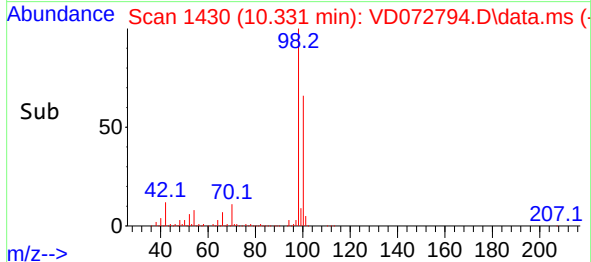
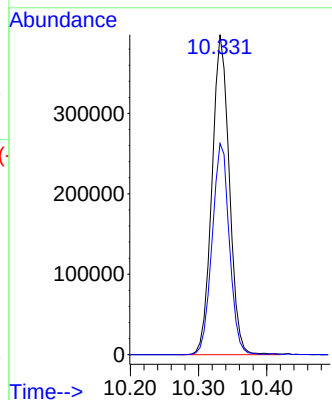
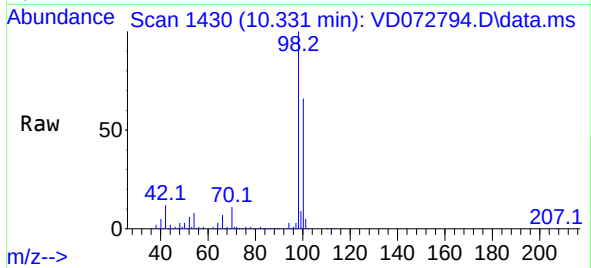




#50
Toluene-d8
Concen: 49.274 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.001 min
Lab File: VD072794.D
Acq: 04 May 2022 17:49

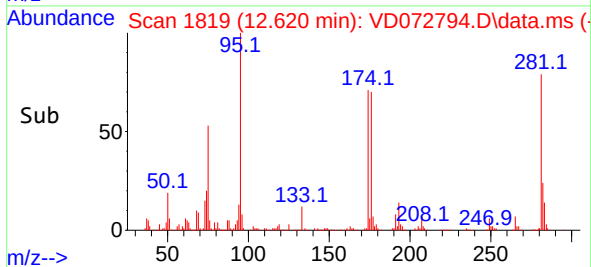
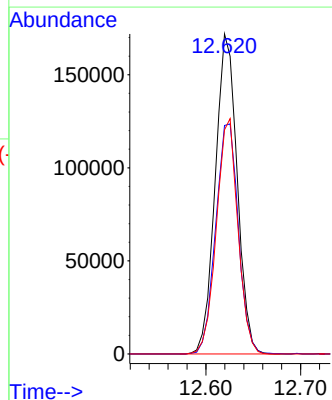
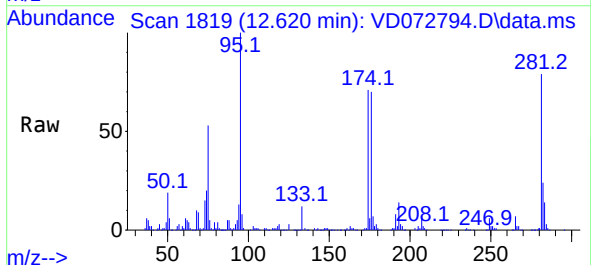
Instrument :
MSVOA_D
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SB-1,9

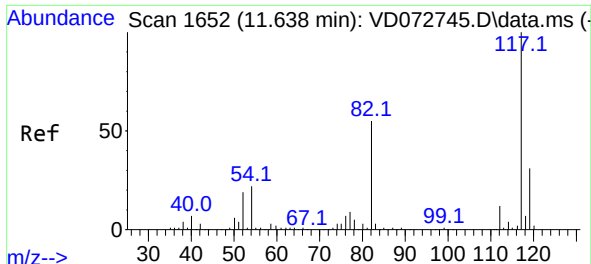
Tgt Ion: 98 Resp: 703471
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.825 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072794.D
Acq: 04 May 2022 17:49

Tgt Ion: 95 Resp: 275887
Ion Ratio Lower Upper
95 100
174 74.6 0.0 152.8
176 72.3 0.0 145.4

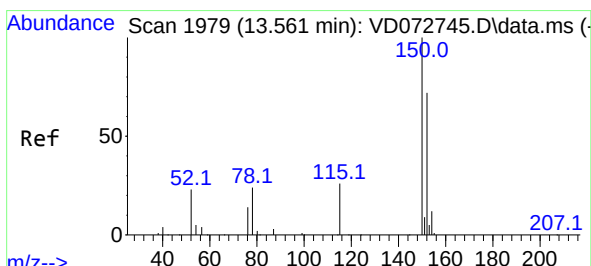
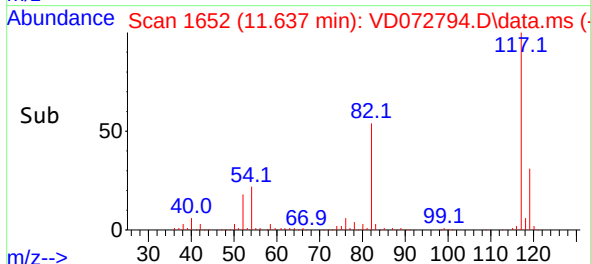
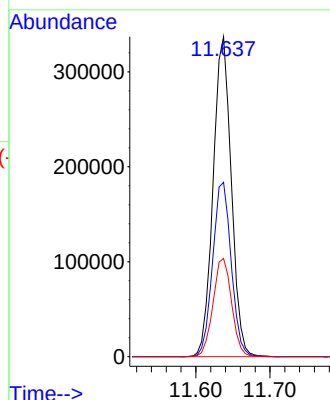
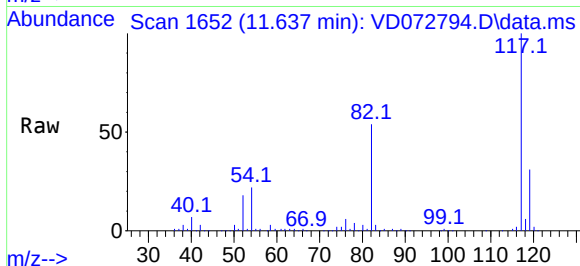




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD072794.D
Acq: 04 May 2022 17:49

Instrument :
MSVOA_D
ClientSampleId :
SB-1,9

Tgt Ion:117 Resp: 573236
Ion Ratio Lower Upper
117 100
82 54.5 45.3 67.9
119 30.7 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: VD072794.D
Acq: 04 May 2022 17:49

Tgt Ion:152 Resp: 264006
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 157.9 0.0 348.6

