

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD072998.D
 Acq On : 13 May 2022 19:20
 Operator : VA/SY
 Sample : N2816-06
 Misc : 5.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS002-0612-01

Quant Time: May 16 05:16:10 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	231357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	410108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	442147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	202037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	157318	52.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.760%	
35) Dibromofluoromethane	7.914	113	146738	50.947	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.900%	
50) Toluene-d8	10.332	98	514502	49.798	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.600%	
62) 4-Bromofluorobenzene	12.620	95	207234	53.793	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.580%	

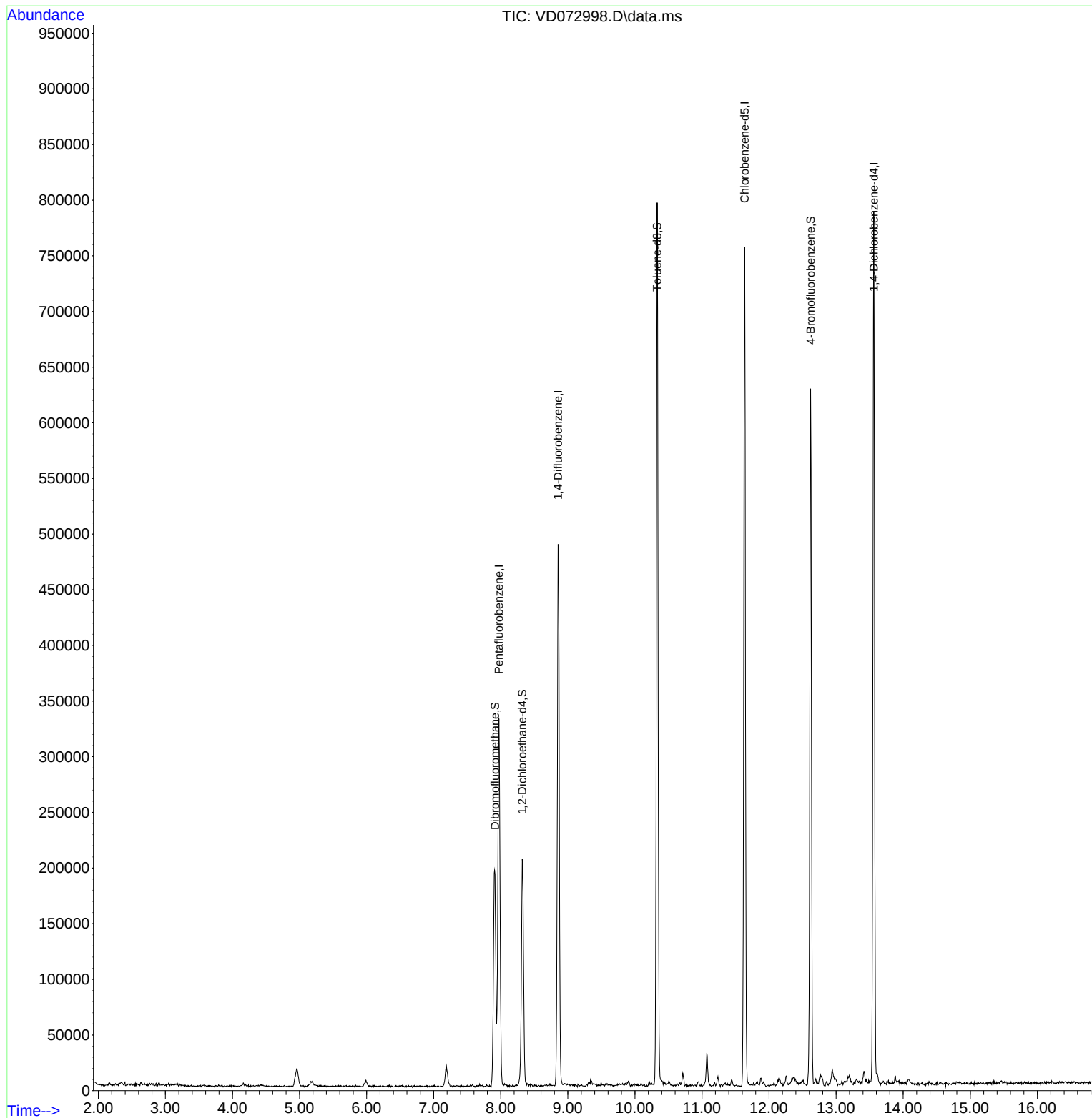
Target Compounds	Qvalue

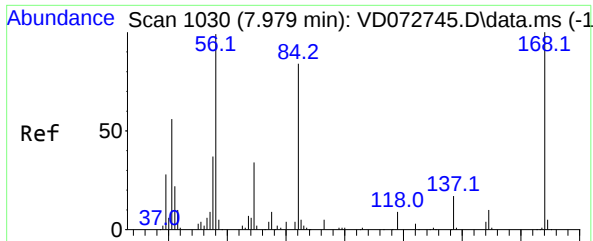
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072998.D

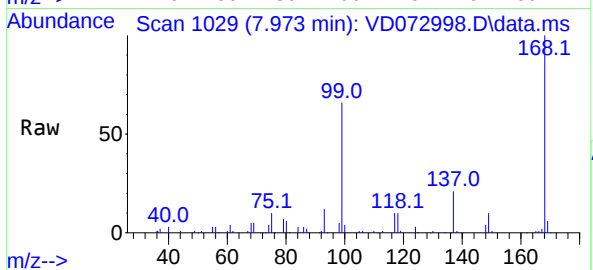
Acq: 13 May 2022 19:20

Instrument :

MSVOA_D

ClientSampleId :

P007-SS002-0612-01

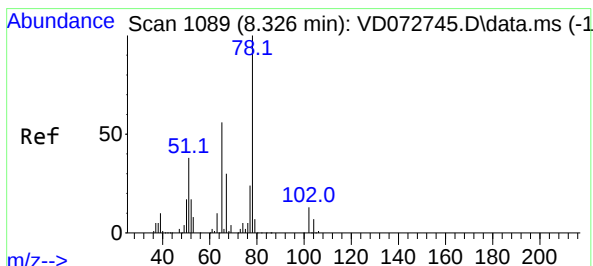
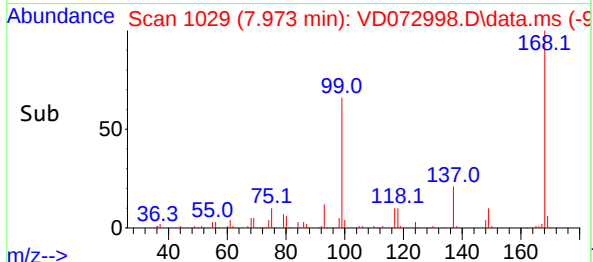
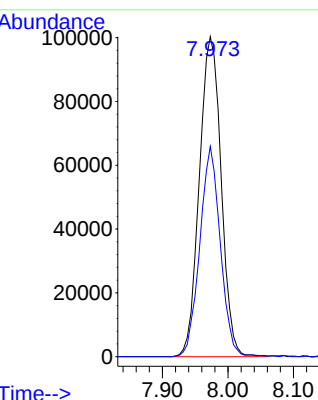


Tgt Ion:168 Resp: 231357

Ion Ratio Lower Upper

168 100

99 65.7 49.8 74.6



1,2-Dichloroethane-d4

Concen: 52.384 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD072998.D

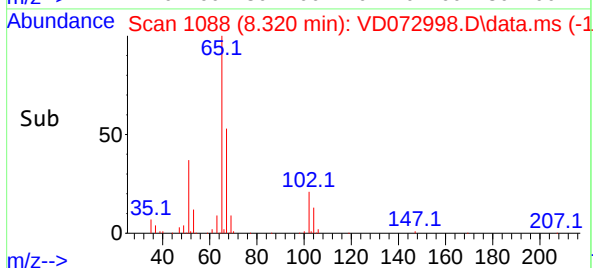
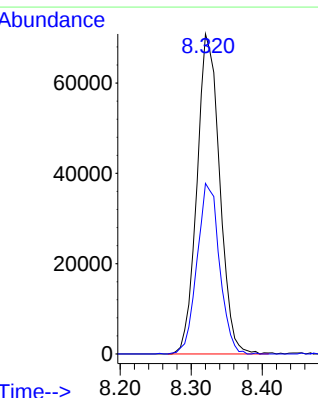
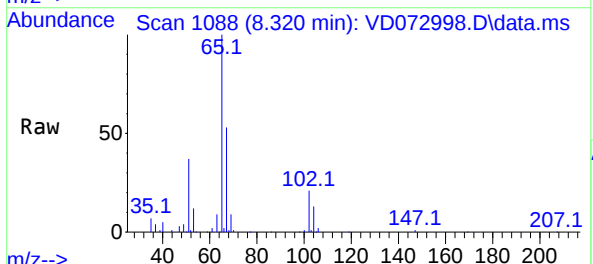
Acq: 13 May 2022 19:20

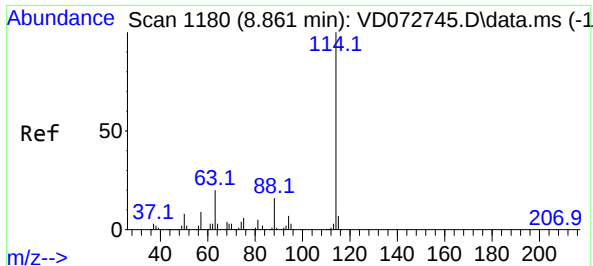
Tgt Ion: 65 Resp: 157318

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD072998.D

Acq: 13 May 2022 19:20

Instrument :

MSVOA_D

ClientSampleId :

P007-SS002-0612-01

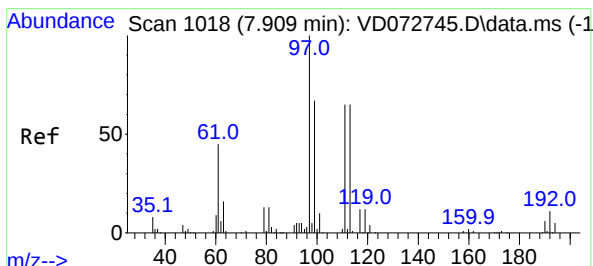
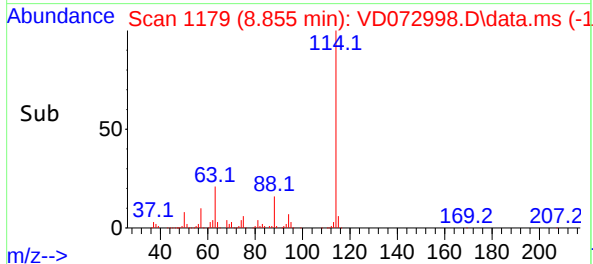
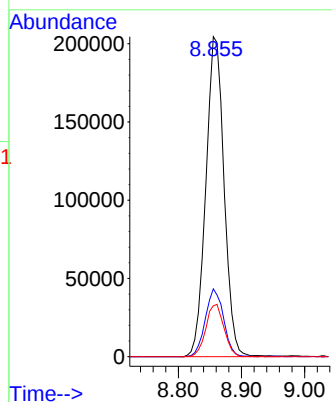
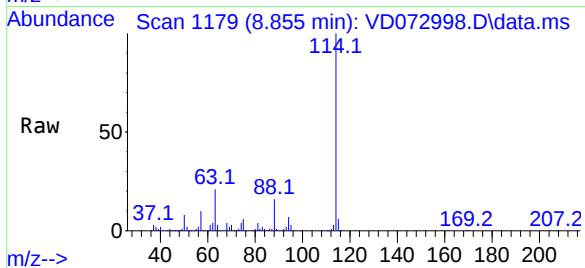
Tgt Ion:114 Resp: 410108

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.947 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.005 min

Lab File: VD072998.D

Acq: 13 May 2022 19:20

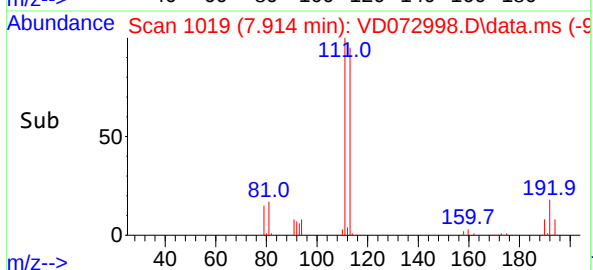
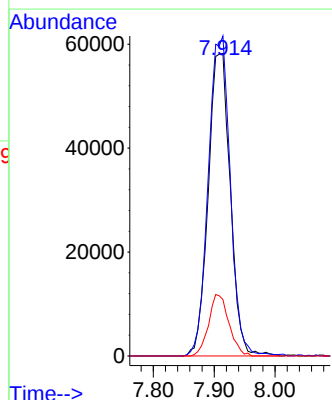
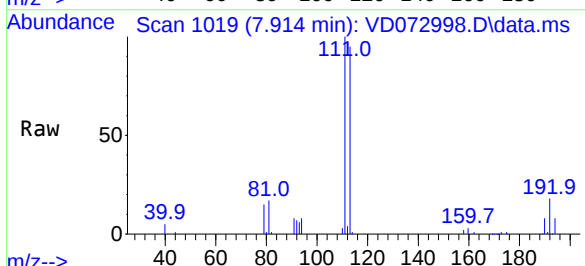
Tgt Ion:113 Resp: 146738

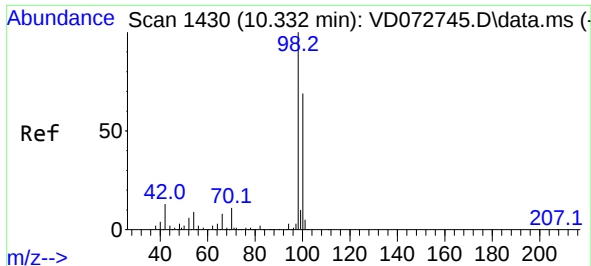
Ion Ratio Lower Upper

113 100

111 105.3 83.8 125.6

192 18.7 14.6 21.8

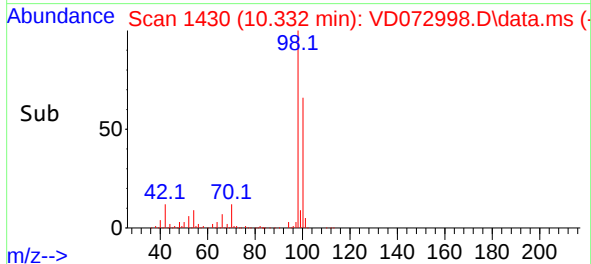
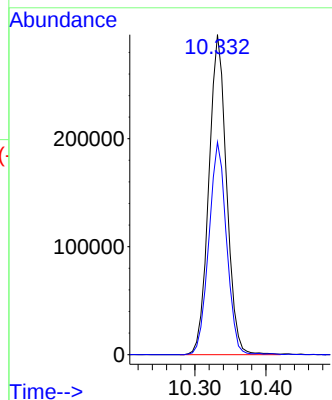
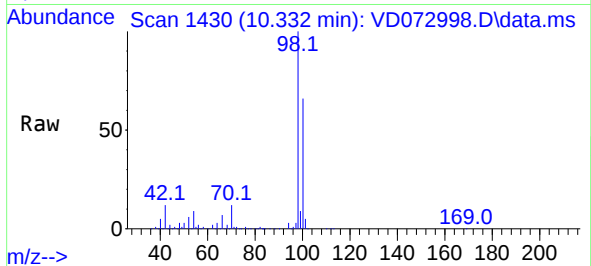




#50
Toluene-d8
Concen: 49.798 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072998.D
Acq: 13 May 2022 19:20

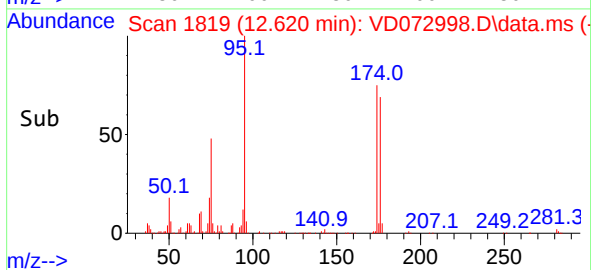
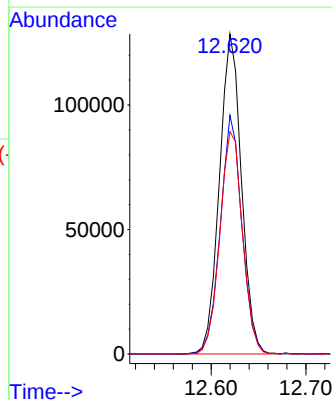
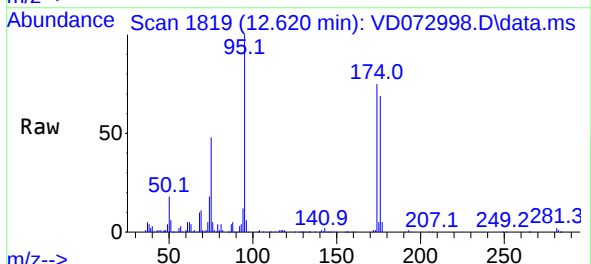
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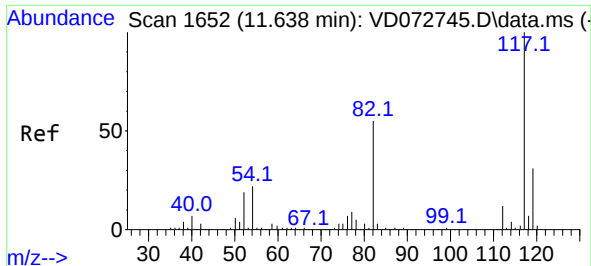
Tgt Ion: 98 Resp: 514502
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.793 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072998.D
Acq: 13 May 2022 19:20

Tgt Ion: 95 Resp: 207234
Ion Ratio Lower Upper
95 100
174 73.3 0.0 152.8
176 71.5 0.0 145.4

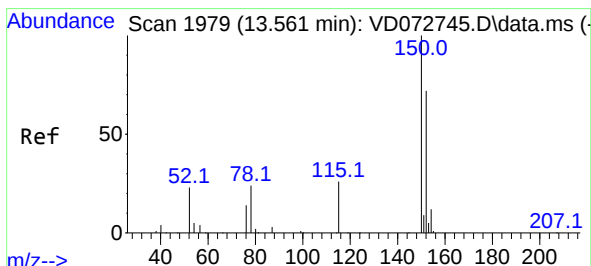
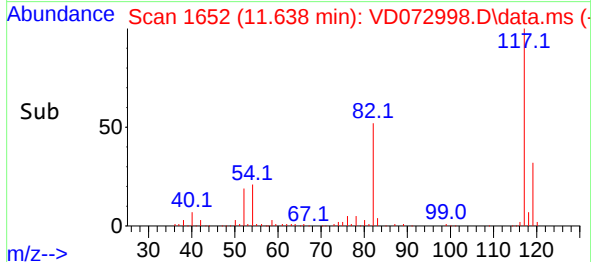
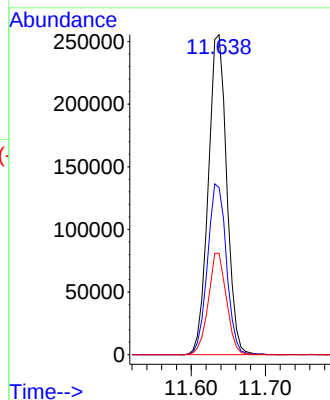
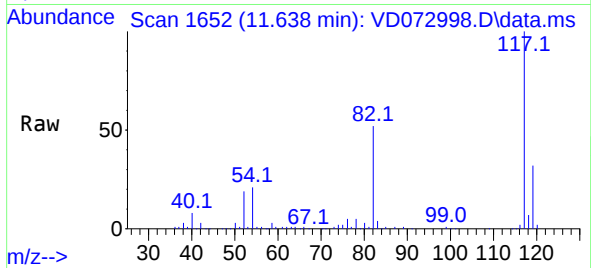




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072998.D
Acq: 13 May 2022 19:20

Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-0612-01

Tgt Ion:117 Resp: 442147
Ion Ratio Lower Upper
117 100
82 52.2 45.3 67.9
119 31.7 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: VD072998.D
Acq: 13 May 2022 19:20

Tgt Ion:152 Resp: 202037
Ion Ratio Lower Upper
152 100
115 62.8 31.3 93.8
150 159.5 0.0 348.6

