

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032822\
 Data File : VD072452.D
 Acq On : 28 Mar 2022 18:51
 Operator : VA/SY
 Sample : N2103-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-2001

Quant Time: Mar 29 01:31:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	242863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	411242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	509818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	285112	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	147102	54.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.700%
35) Dibromofluoromethane	7.908	113	135030	46.660	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.320%
50) Toluene-d8	10.332	98	524700	49.585	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.626	95	279812	68.055	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	136.100%

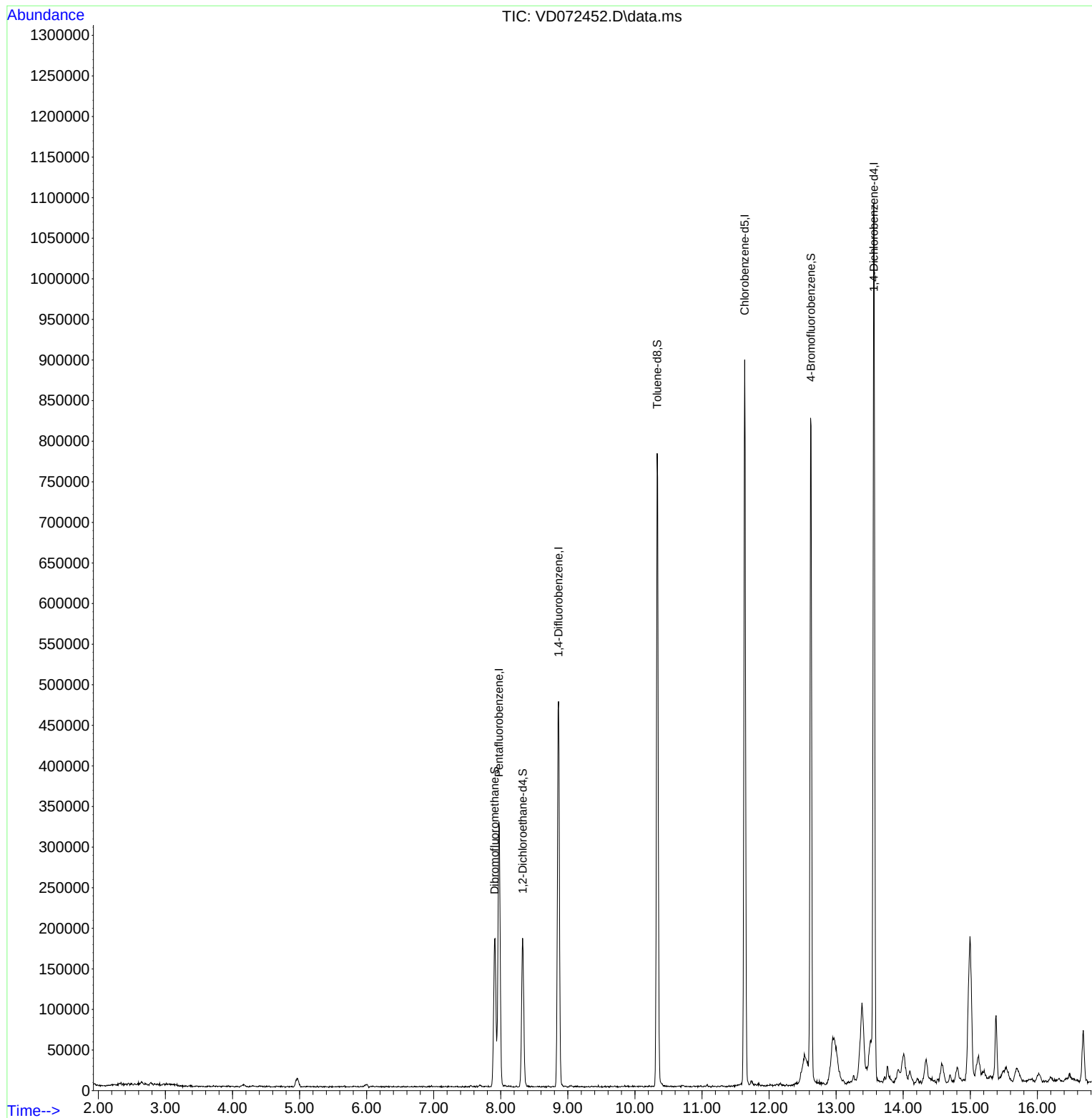
Target Compounds	Qvalue

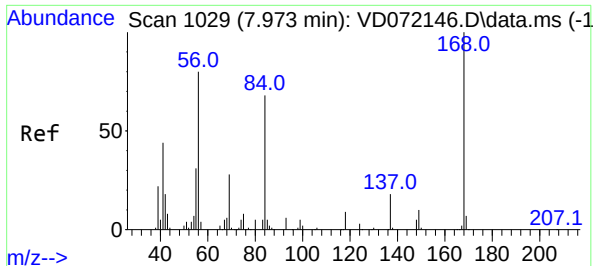
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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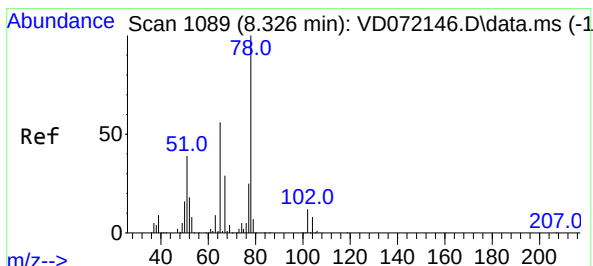
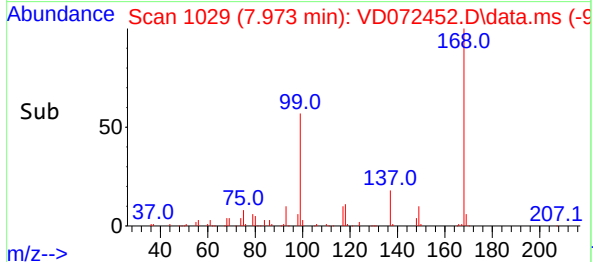
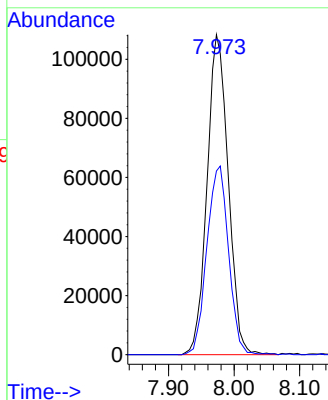
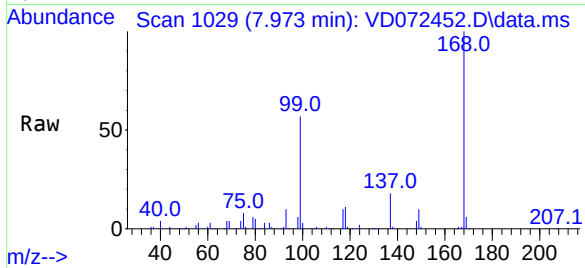




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

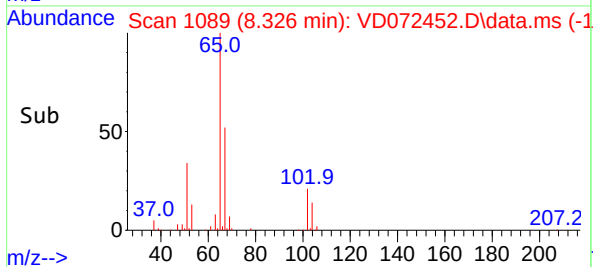
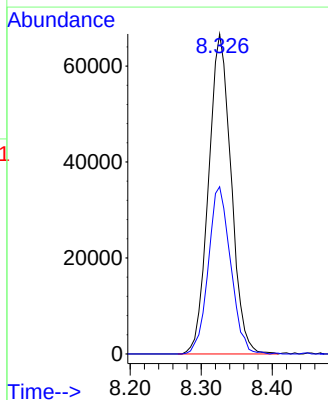
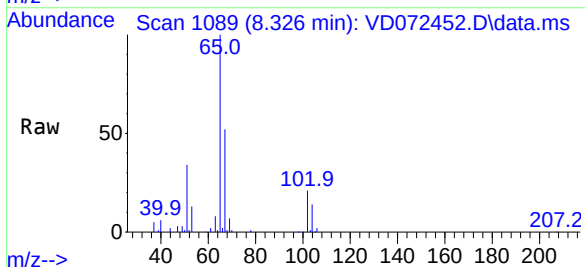
Instrument :
MSVOA_D
ClientSampleId :
CHRT-2001

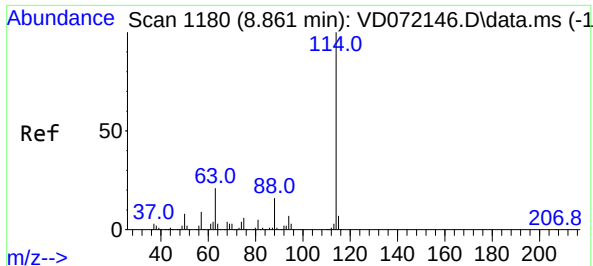
Tgt Ion:168 Resp: 242863
Ion Ratio Lower Upper
168 100
99 57.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 54.350 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

Tgt Ion: 65 Resp: 147102
Ion Ratio Lower Upper
65 100
67 51.6 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: VD072452.D

Acq: 28 Mar 2022 18:51

Instrument :

MSVOA_D

ClientSampleId :

CHRT-2001

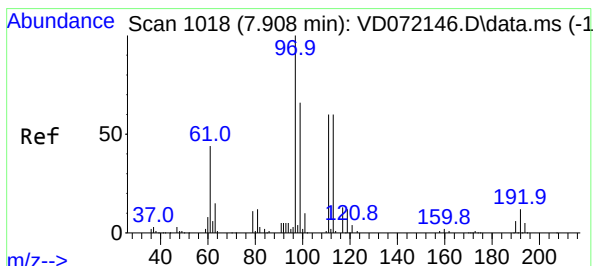
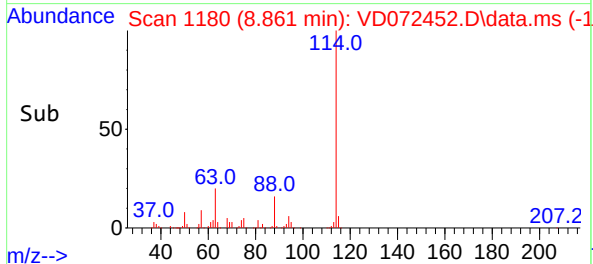
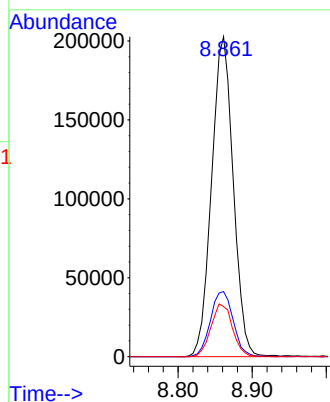
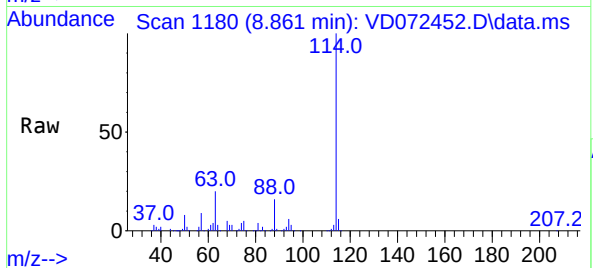
Tgt Ion:114 Resp: 411242

Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 15.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.660 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072452.D

Acq: 28 Mar 2022 18:51

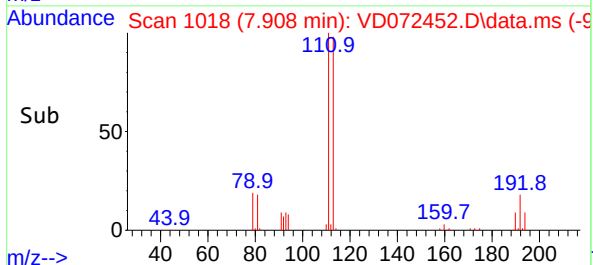
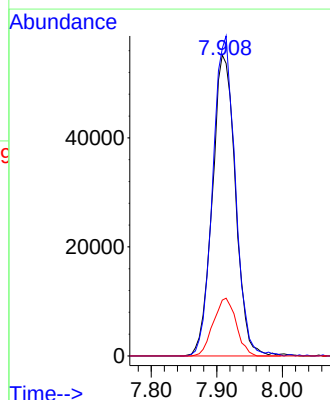
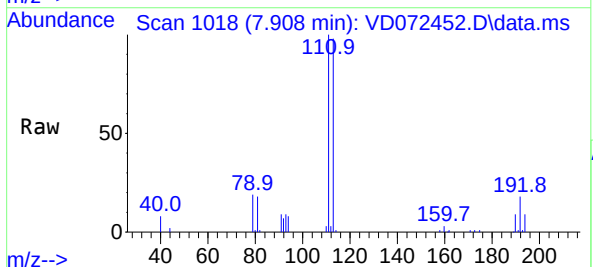
Tgt Ion:113 Resp: 135030

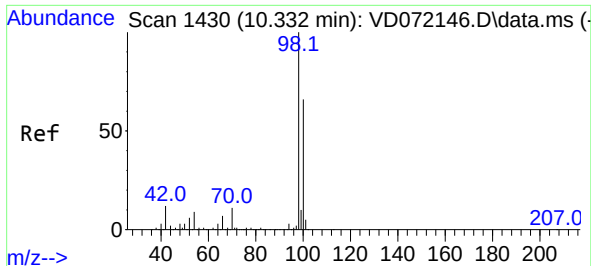
Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 19.0 14.6 21.8

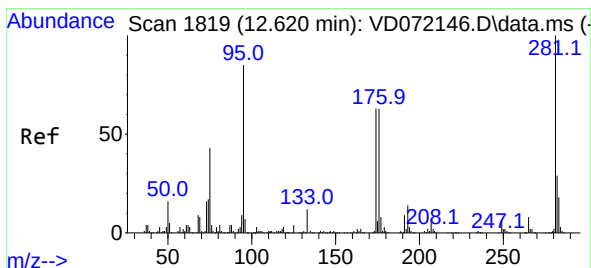
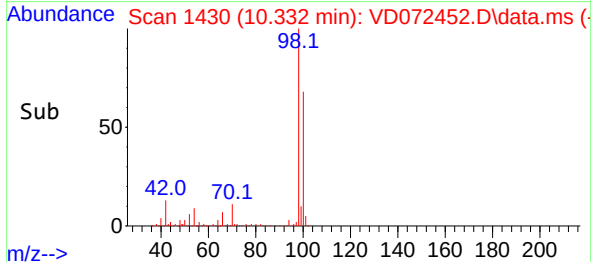
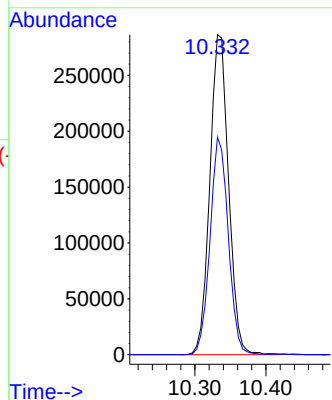
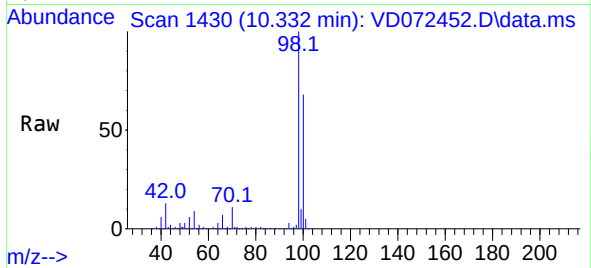




#50
Toluene-d8
Concen: 49.585 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

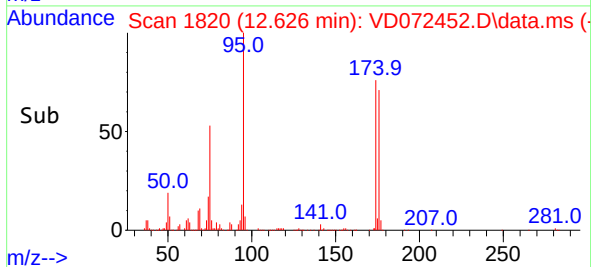
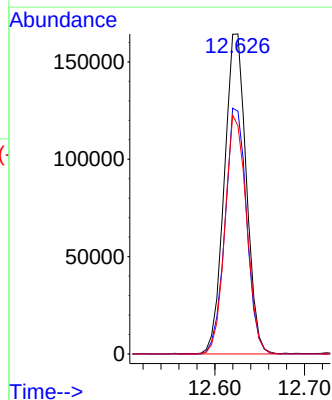
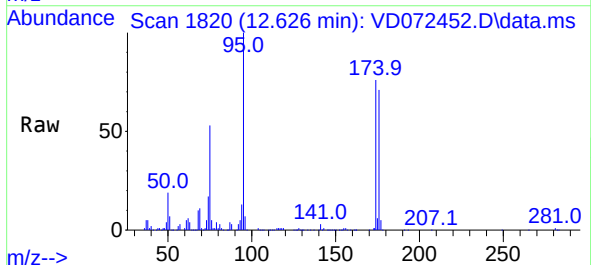
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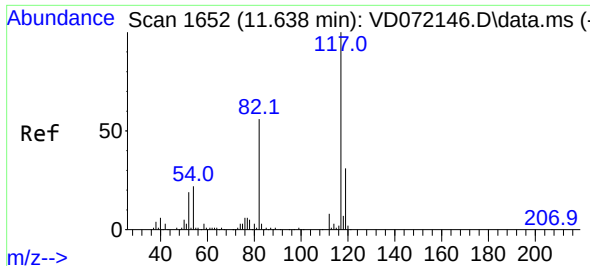
Tgt Ion: 98 Resp: 524700
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 68.055 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

Tgt Ion: 95 Resp: 279812
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.8
176 73.1 0.0 145.4

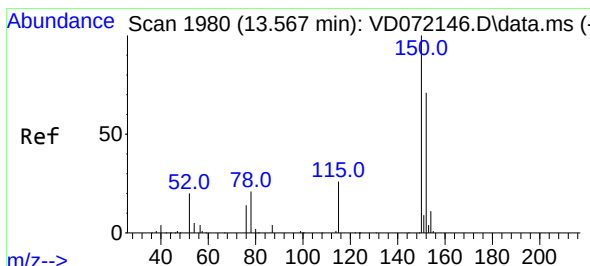
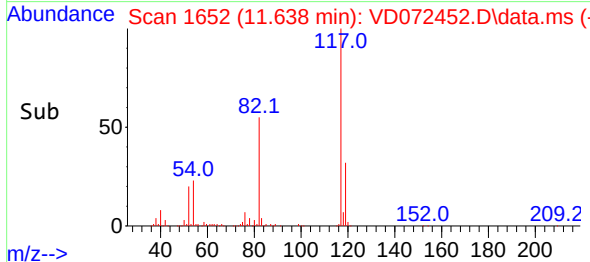
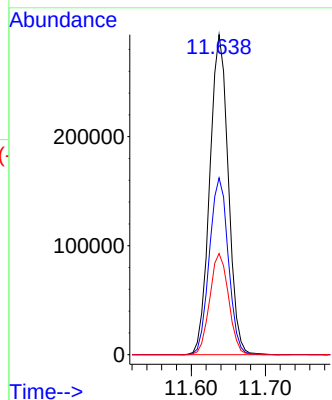
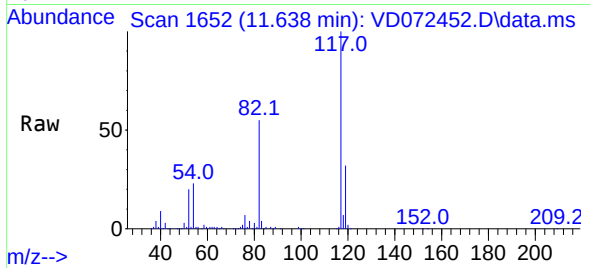




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

Instrument :
MSVOA_D
ClientSampleId :
CHRT-2001

Tgt Ion:117 Resp: 509818
Ion Ratio Lower Upper
117 100
82 55.3 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. -0.006 min
Lab File: VD072452.D
Acq: 28 Mar 2022 18:51

Tgt Ion:152 Resp: 285112
Ion Ratio Lower Upper
152 100
115 63.0 31.3 93.8
150 157.1 0.0 348.6

