

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022822\
 Data File : VD072123.D
 Acq On : 28 Feb 2022 15:28
 Operator : VA/SY
 Sample : N1679-04
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-VNJ-221

Quant Time: Mar 01 08:13:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	534804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	916635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	884281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	417832	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	249199	44.921	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.840%
35) Dibromofluoromethane	7.914	113	278488	50.145	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.300%
50) Toluene-d8	10.338	98	1119224	54.344	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.680%
62) 4-Bromofluorobenzene	12.626	95	404970	53.531	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.060%

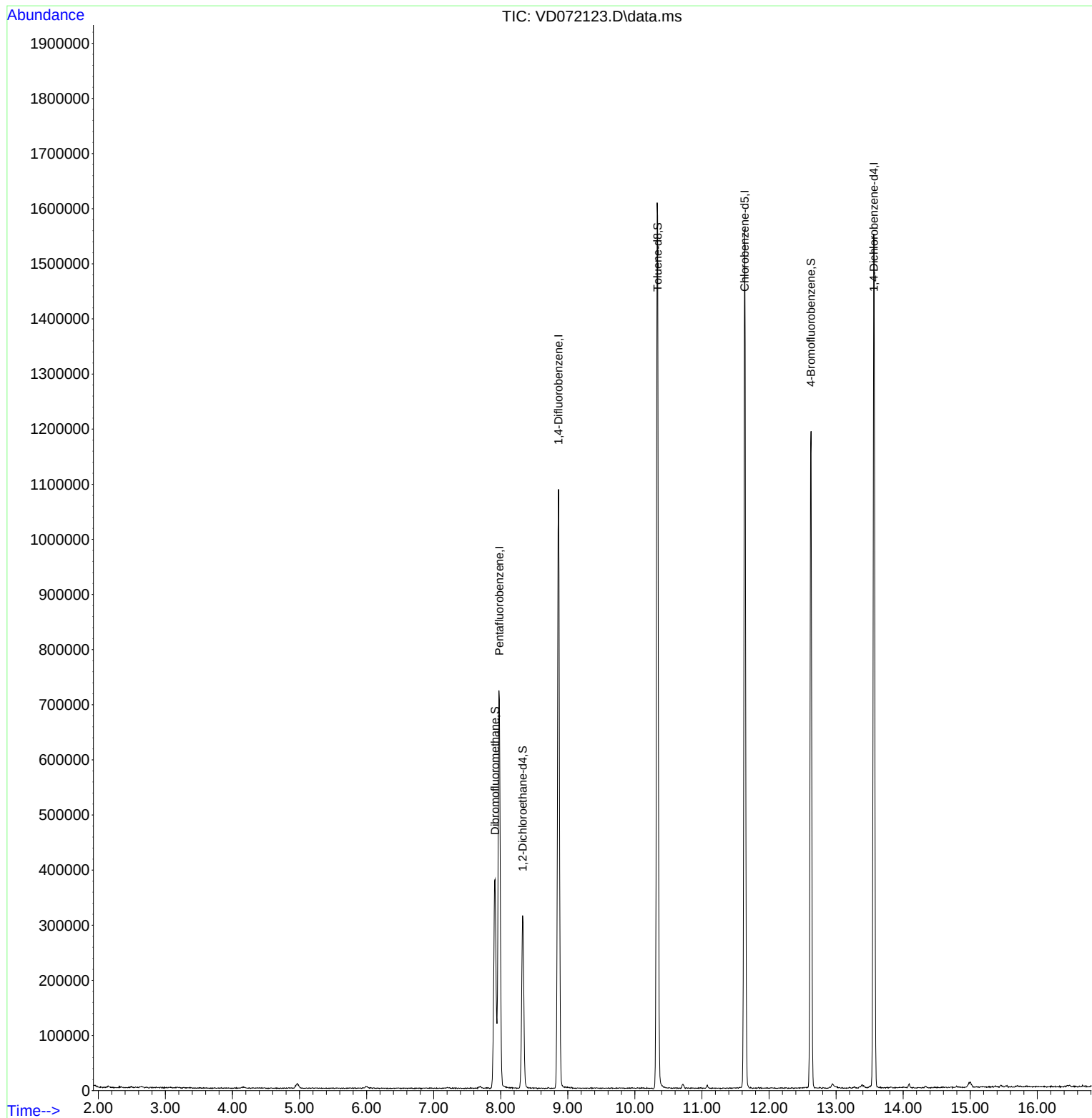
Target Compounds	Qvalue

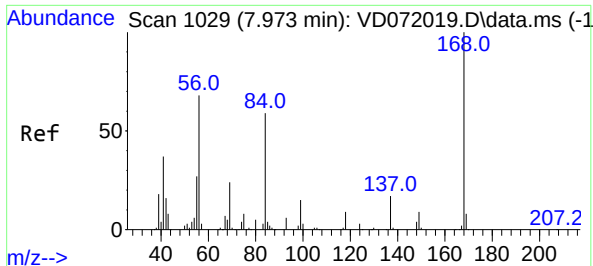
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072123.D

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MSVOA_D

ClientSampleId :

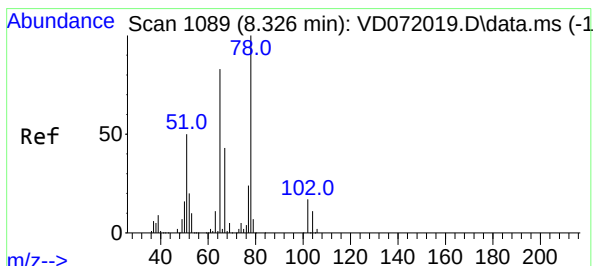
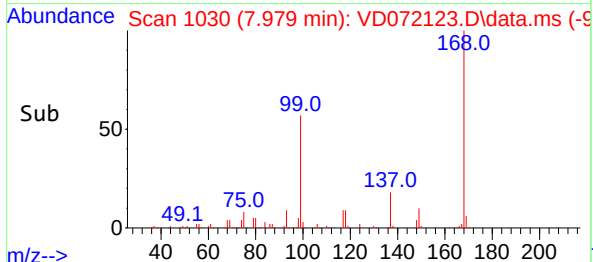
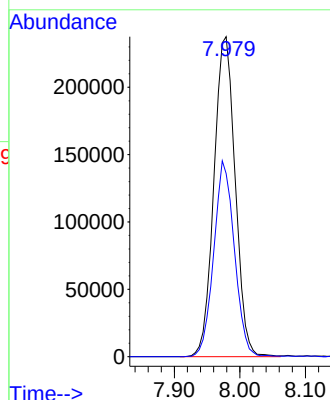
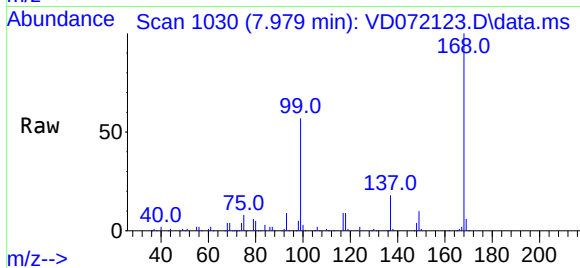
RO-VNJ-221

Tgt Ion:168 Resp: 534804

Ion Ratio Lower Upper

168 100

99 57.3 47.1 70.7



1,2-Dichloroethane-d4

Concen: 44.921 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072123.D

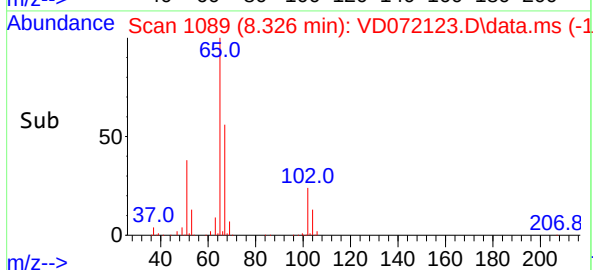
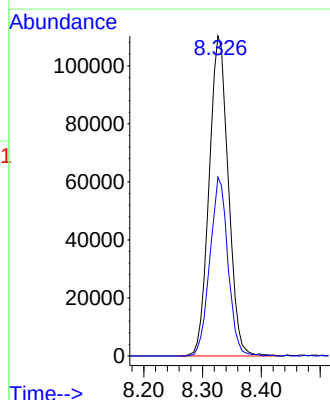
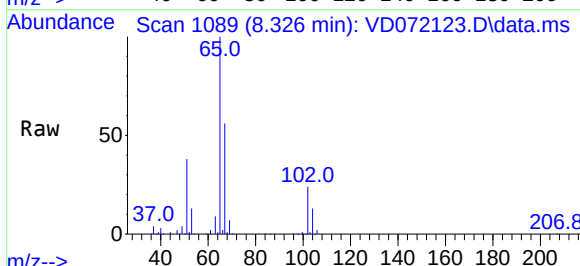
Acq: 28 Feb 2022 15:28

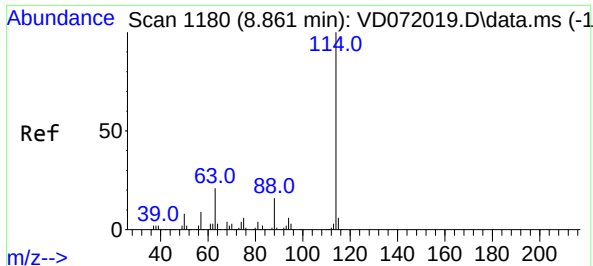
Tgt Ion: 65 Resp: 249199

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072123.D

Acq: 28 Feb 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

RO-VNJ-221

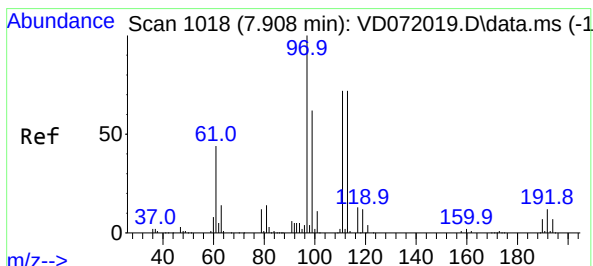
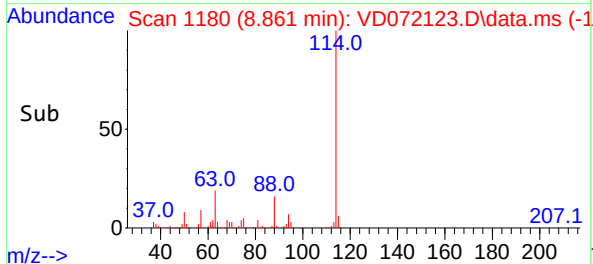
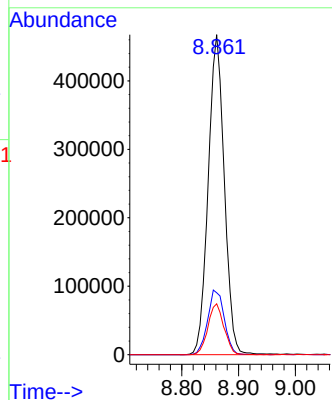
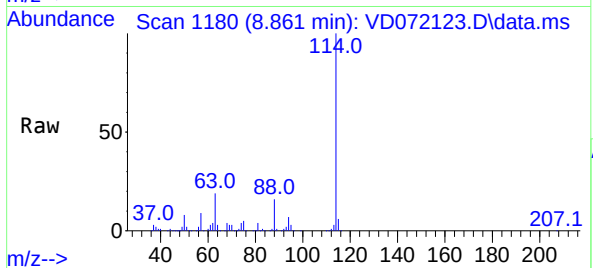
Tgt Ion:114 Resp: 916635

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.2

88 15.9 0.0 31.2



#35

Dibromofluoromethane

Concen: 50.145 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072123.D

Acq: 28 Feb 2022 15:28

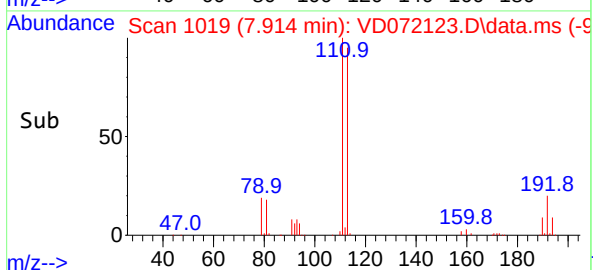
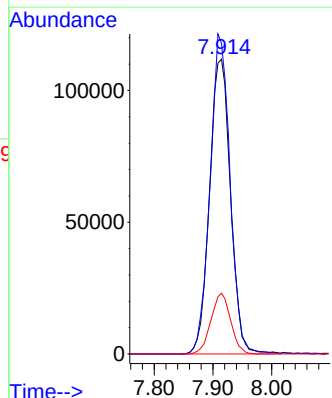
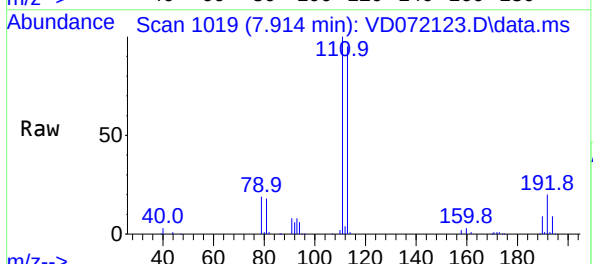
Tgt Ion:113 Resp: 278488

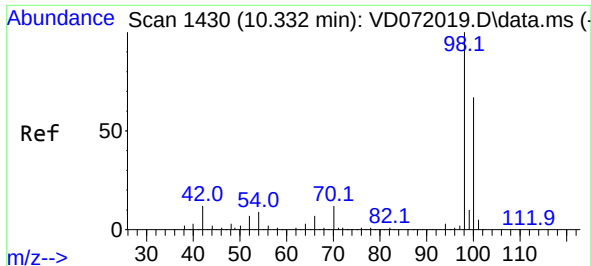
Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.4

192 19.3 15.3 22.9

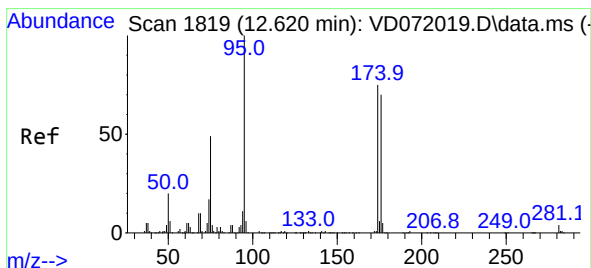
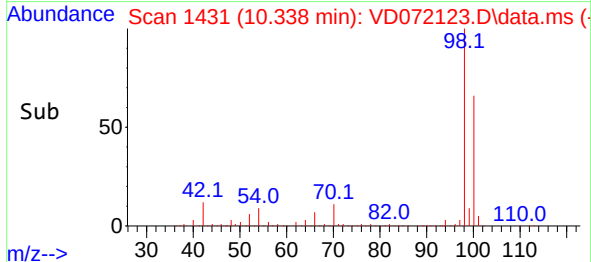
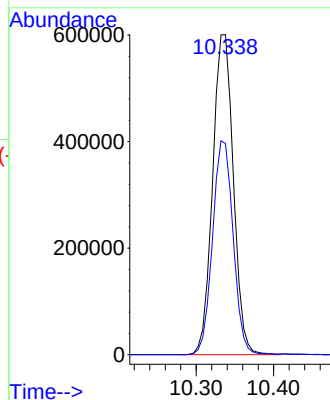
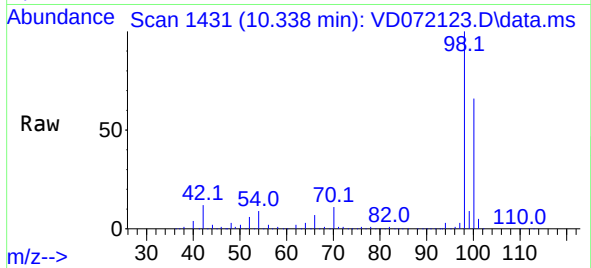




#50
Toluene-d8
Concen: 54.344 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072123.D
Acq: 28 Feb 2022 15:28

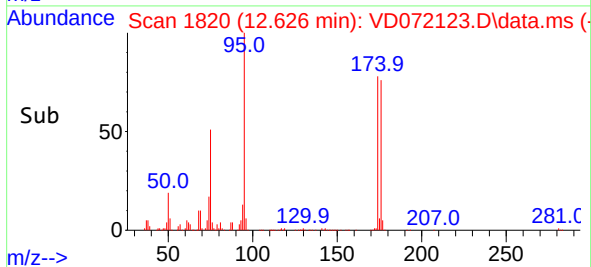
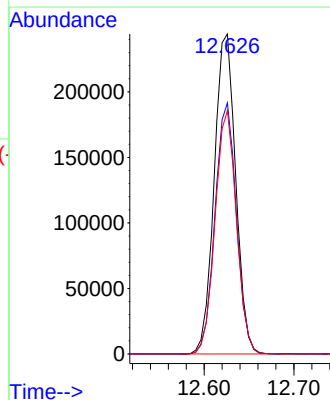
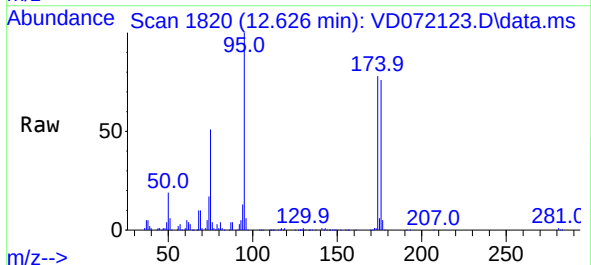
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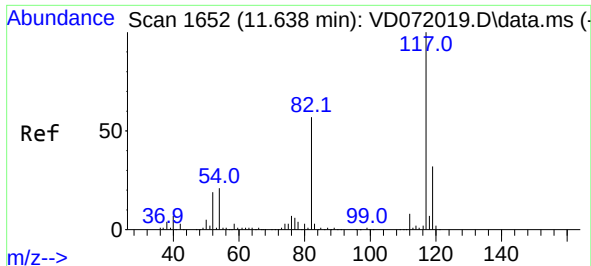
Tgt Ion: 98 Resp: 1119224
Ion Ratio Lower Upper
98 100
100 66.4 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 53.531 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072123.D
Acq: 28 Feb 2022 15:28

Tgt Ion: 95 Resp: 404970
Ion Ratio Lower Upper
95 100
174 78.2 0.0 155.0
176 75.3 0.0 148.8

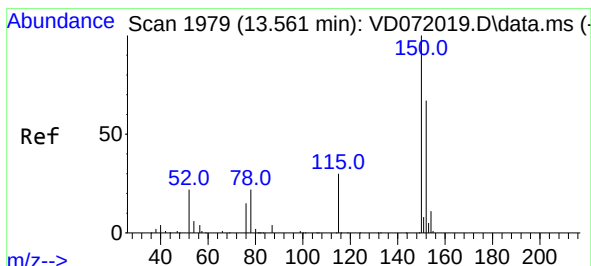
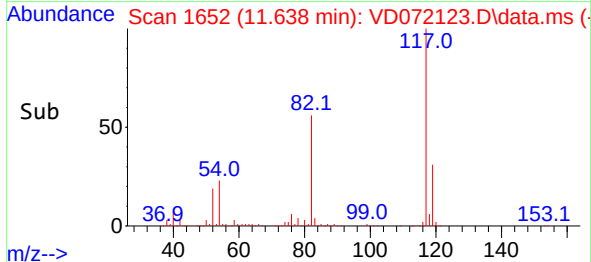
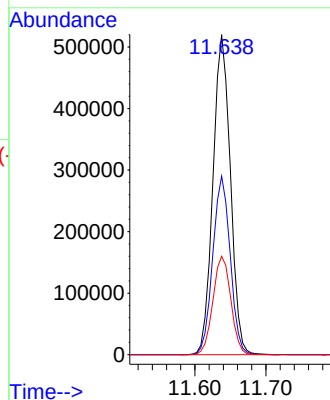
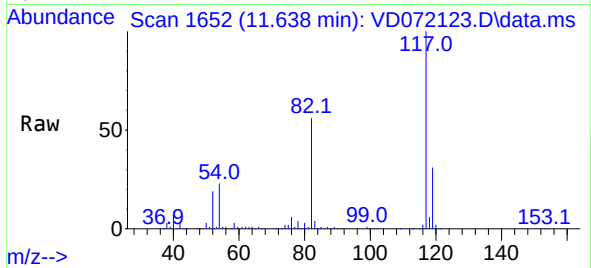




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072123.D
Acq: 28 Feb 2022 15:28

Instrument :
MSVOA_D
ClientSampleId :
RO-VNJ-221

Tgt Ion:117 Resp: 884281
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.0
119 30.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072123.D
Acq: 28 Feb 2022 15:28

Tgt Ion:152 Resp: 417832
Ion Ratio Lower Upper
152 100
115 58.6 29.9 89.7
150 156.0 0.0 347.6

