

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050922\
 Data File : VD072889.D
 Acq On : 09 May 2022 14:31
 Operator : VA/SY
 Sample : N2648-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-346

Quant Time: May 09 16:12:11 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	377508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	661701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	629428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	278638	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	197103	40.222	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.440%
35) Dibromofluoromethane	7.908	113	214694	46.199	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.400%
50) Toluene-d8	10.332	98	800710	48.033	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.060%
62) 4-Bromofluorobenzene	12.620	95	275369	44.302	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.600%

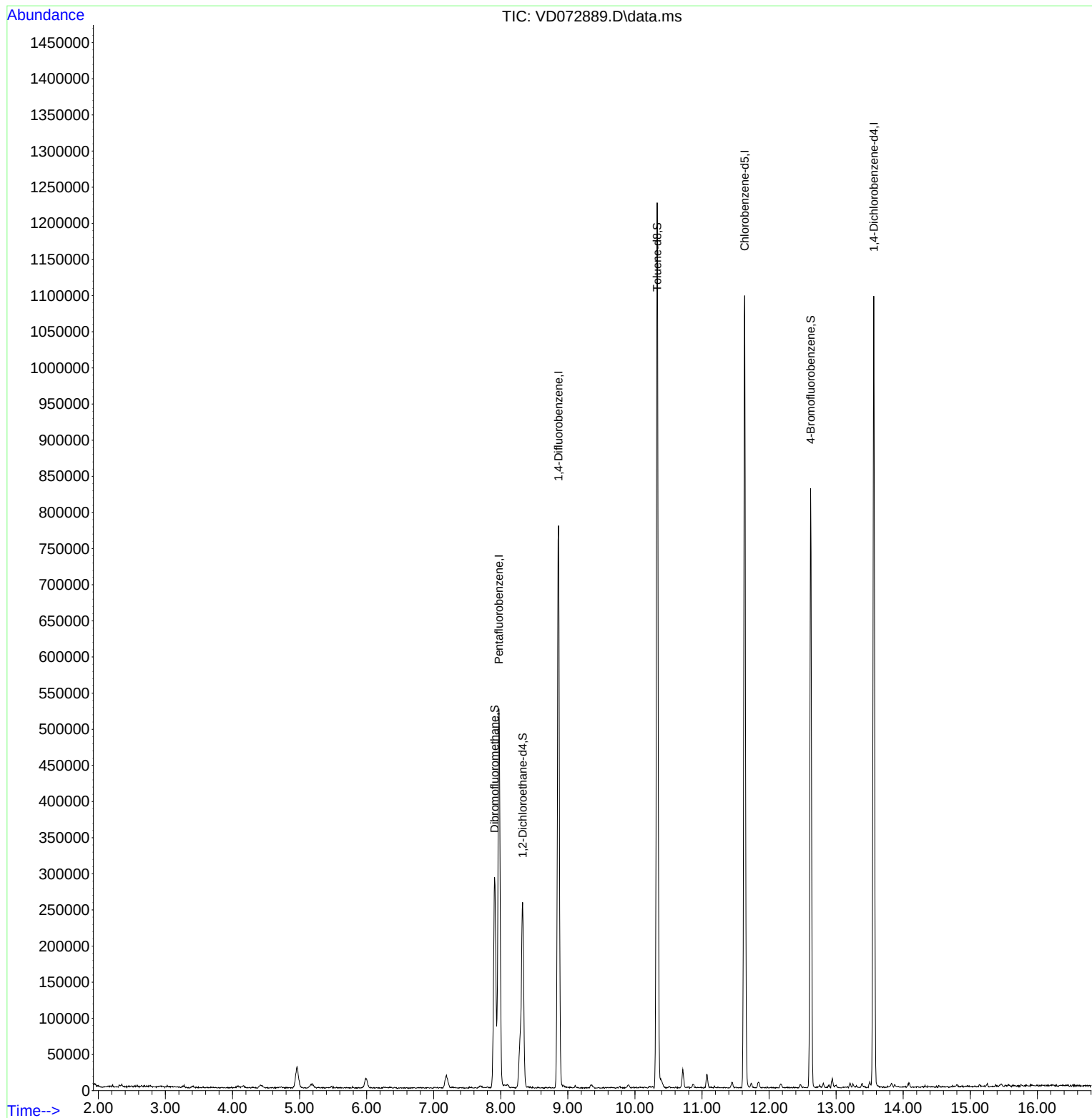
Target Compounds	Qvalue

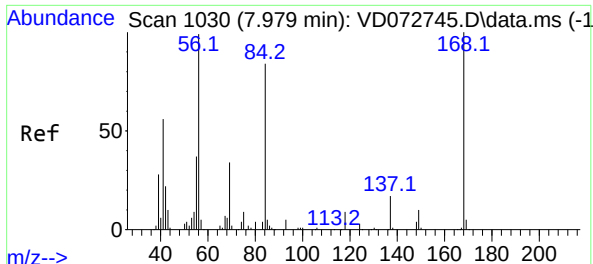
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

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MSVOA_D

ClientSampleId :

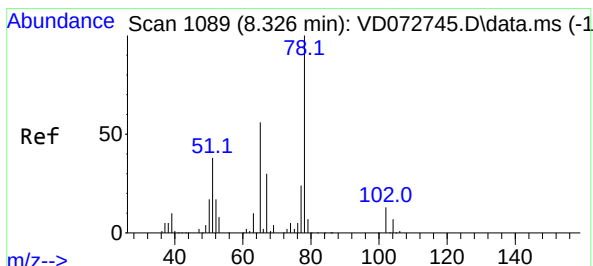
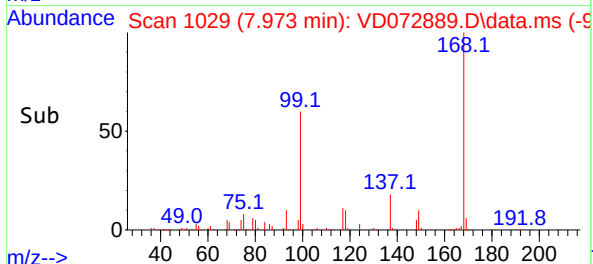
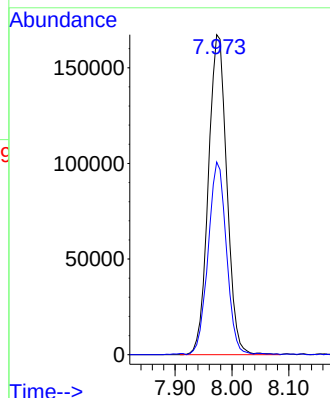
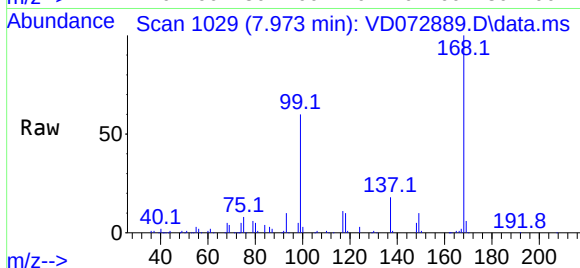
RBR-346

Tgt Ion:168 Resp: 377508

Ion Ratio Lower Upper

168 100

99 60.1 49.8 74.6



1,2-Dichloroethane-d4

Concen: 40.222 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072889.D

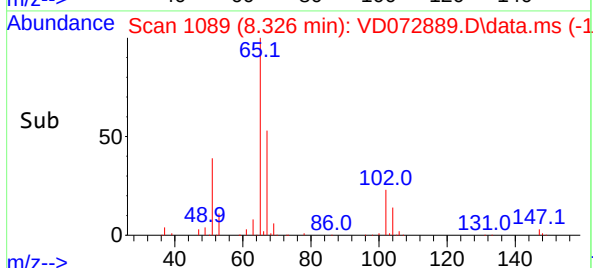
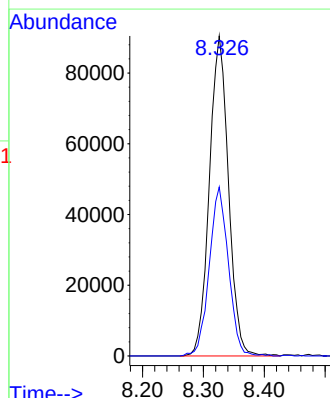
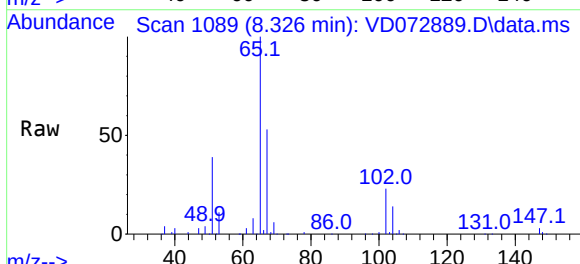
Acq: 09 May 2022 14:31

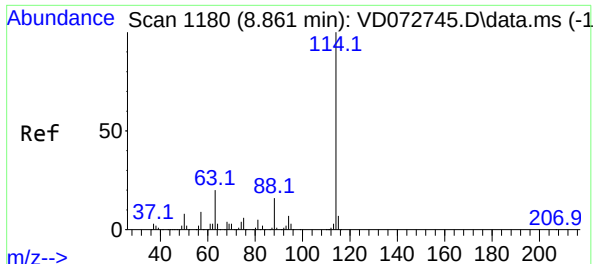
Tgt Ion: 65 Resp: 197103

Ion Ratio Lower Upper

65 100

67 52.8 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: VD072889.D

Acq: 09 May 2022 14:31

Instrument :

MSVOA_D

ClientSampleId :

RBR-346

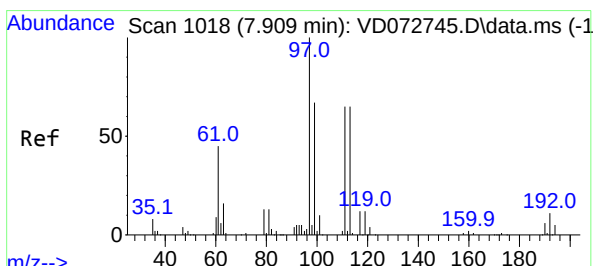
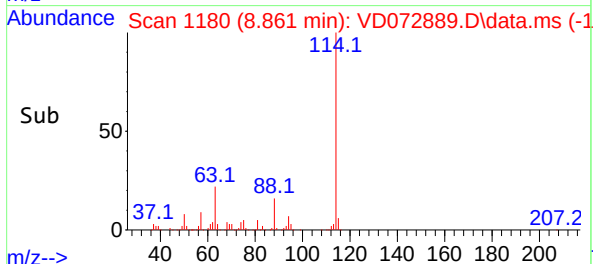
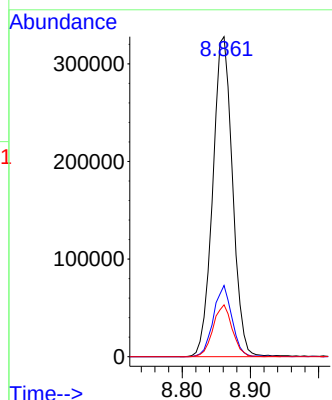
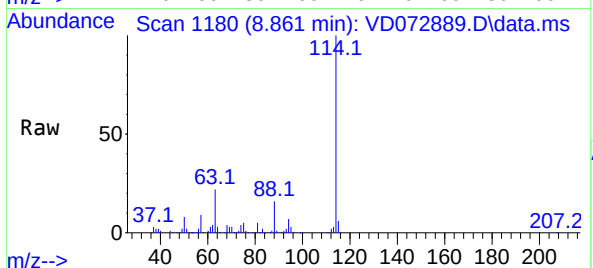
Tgt Ion:114 Resp: 661701

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.6

88 16.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.199 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072889.D

Acq: 09 May 2022 14:31

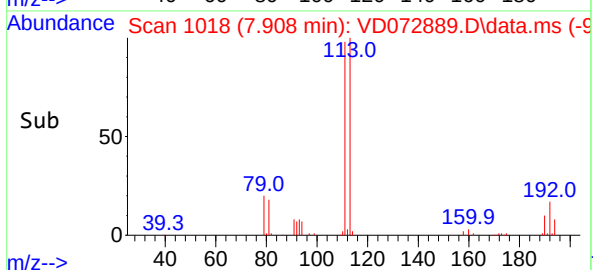
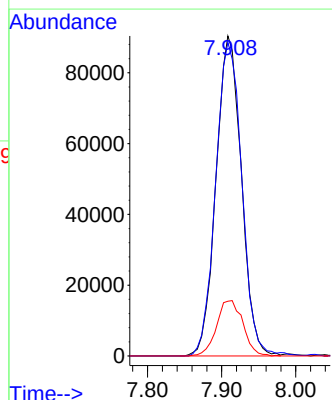
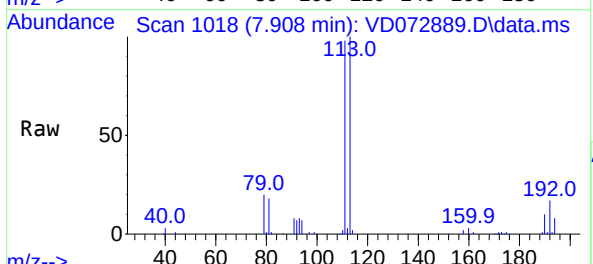
Tgt Ion:113 Resp: 214694

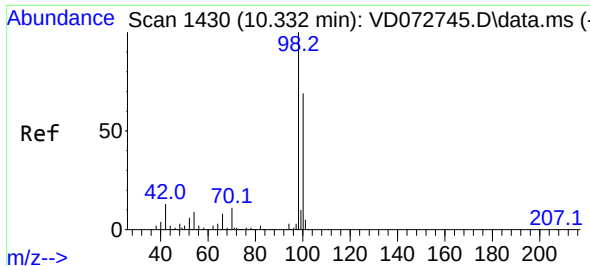
Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

192 18.0 14.6 21.8

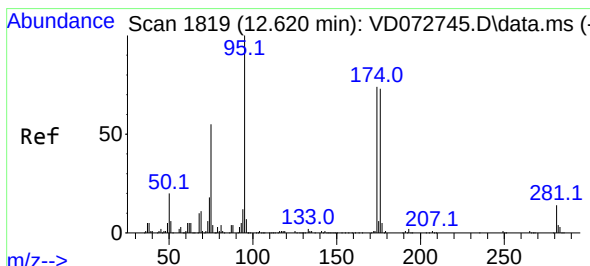
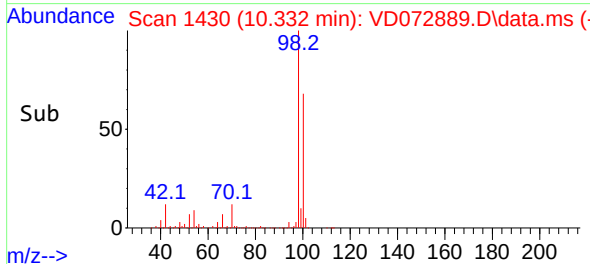
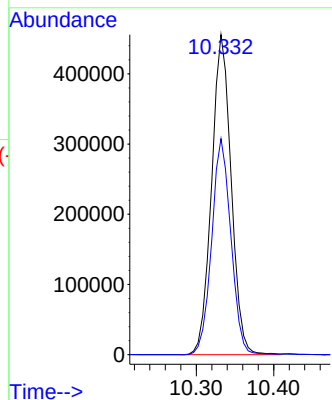
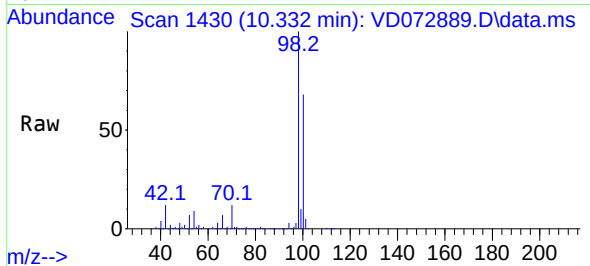




#50
Toluene-d8
Concen: 48.033 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072889.D
Acq: 09 May 2022 14:31

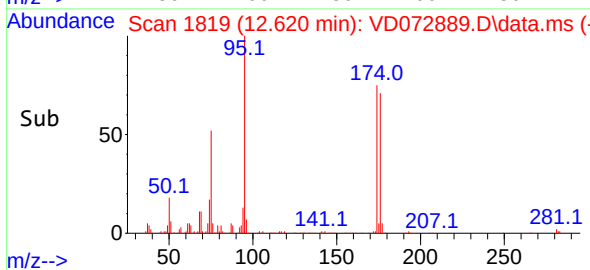
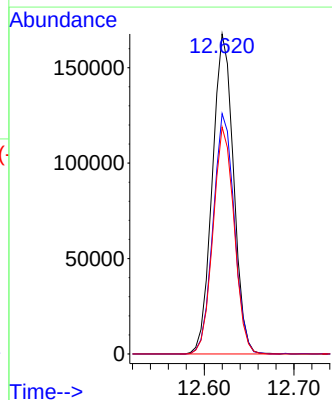
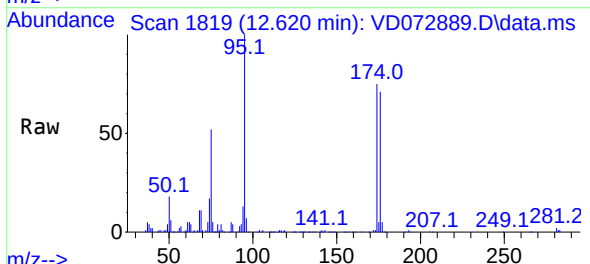
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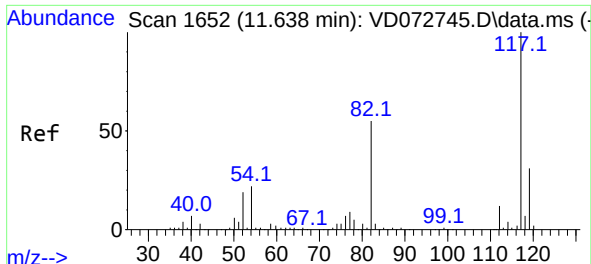
Tgt Ion: 98 Resp: 800710
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.302 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072889.D
Acq: 09 May 2022 14:31

Tgt Ion: 95 Resp: 275369
Ion Ratio Lower Upper
95 100
174 74.8 0.0 152.8
176 70.5 0.0 145.4

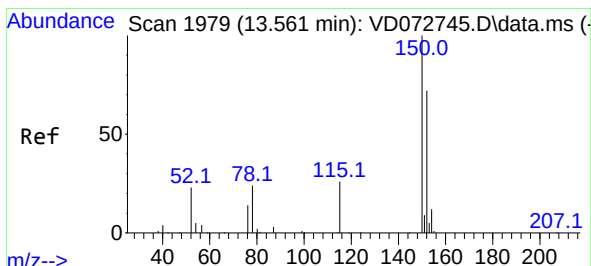
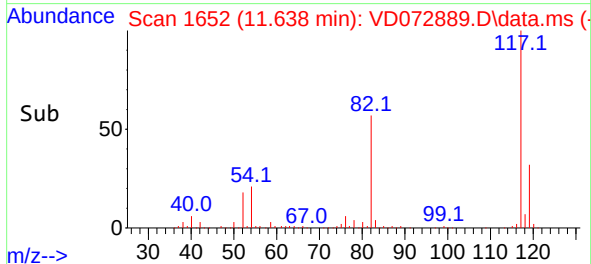
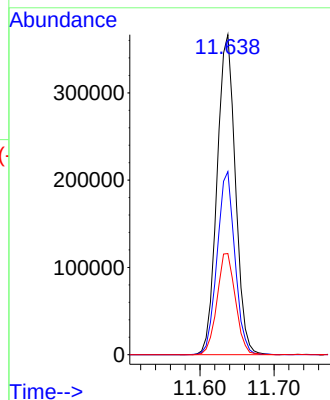
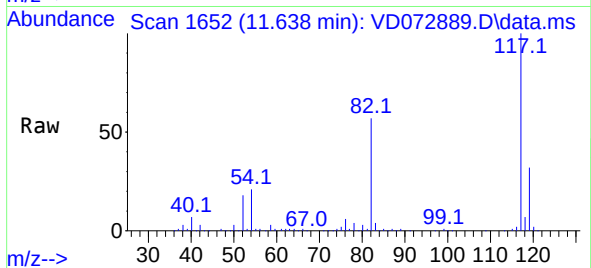




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072889.D
Acq: 09 May 2022 14:31

Instrument :
MSVOA_D
ClientSampleId :
RBR-346

Tgt Ion:117 Resp: 629428
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: VD072889.D
Acq: 09 May 2022 14:31

Tgt Ion:152 Resp: 278638
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 157.2 0.0 348.6

