

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072102.D
 Acq On : 25 Feb 2022 16:04
 Operator : VA/SY
 Sample : N1655-07
 Misc : 6.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 REMOTE-1

Quant Time: Feb 26 05:42:51 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	7.973	168	70541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	116332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	128378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	62868	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	54297	74.205	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.400%
35) Dibromofluoromethane	7.908	113	44254	62.788	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.580%
50) Toluene-d8	10.337	98	147109	56.282	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.560%
62) 4-Bromofluorobenzene	12.626	95	59110	61.566	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	123.140%

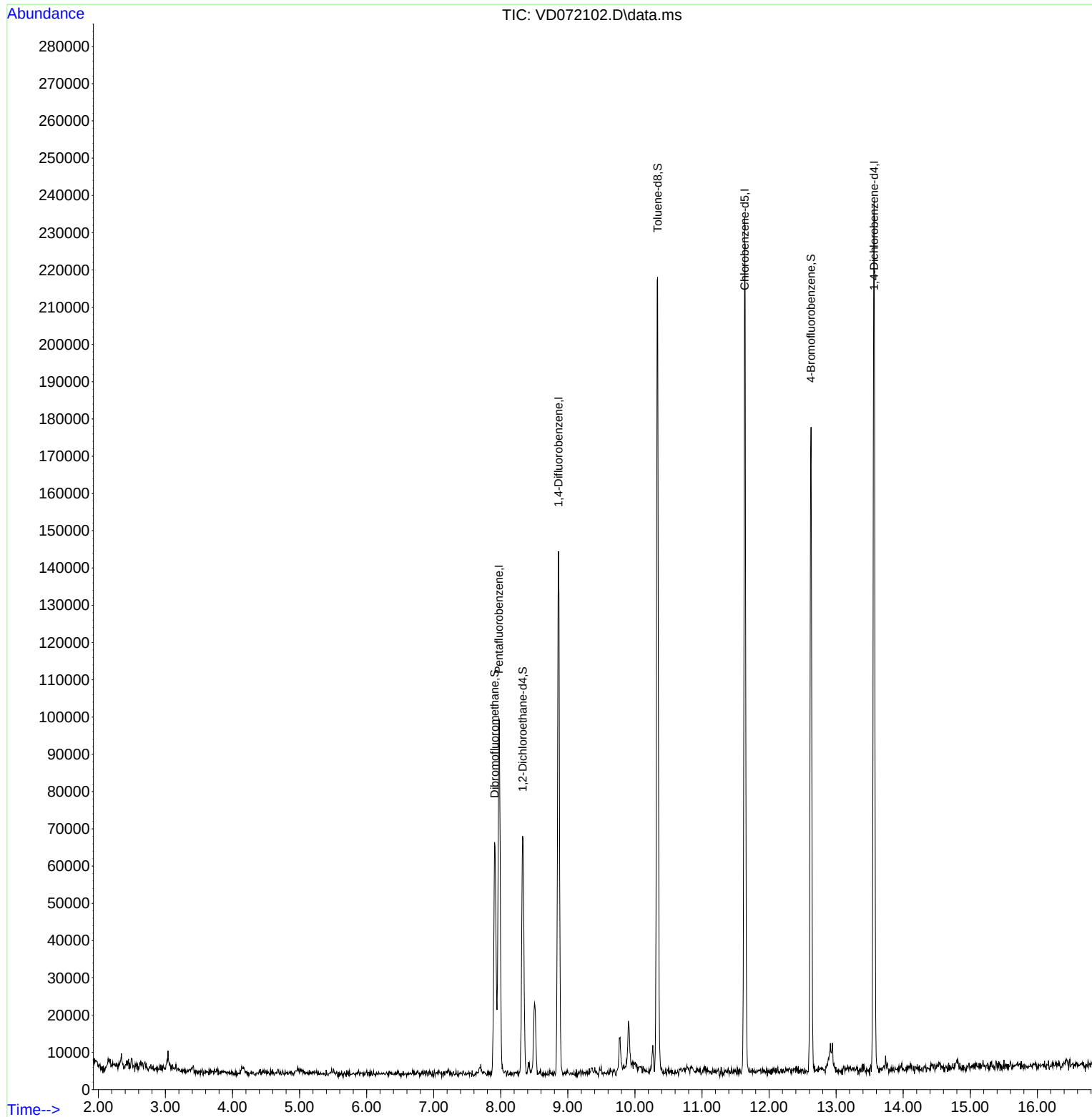
Target Compounds	Qvalue

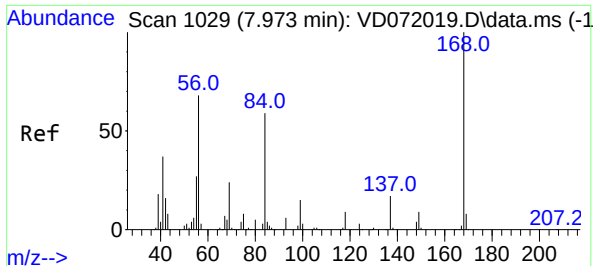
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.000 min

Lab File: VD072102.D

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Instrument :

MSVOA_D

ClientSampleId :

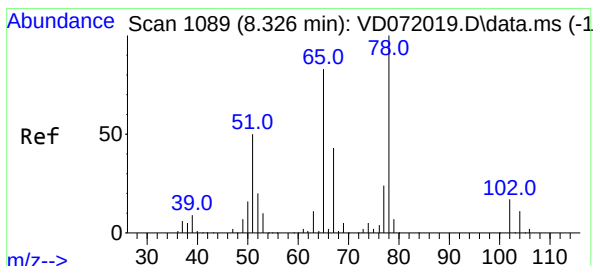
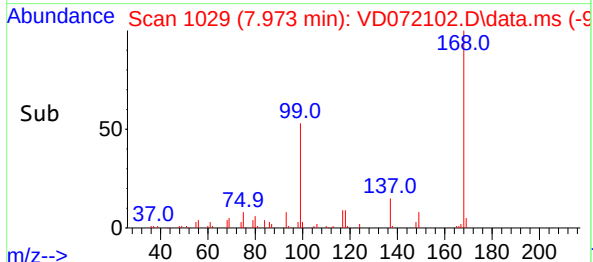
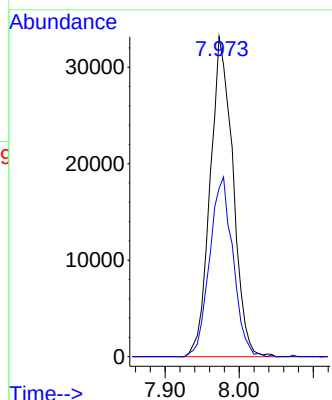
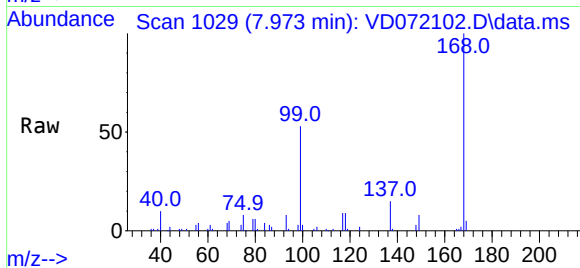
REMOTE-1

Tgt Ion:168 Resp: 70541

Ion Ratio Lower Upper

168 100

99 52.6 47.1 70.7



1,2-Dichloroethane-d4

Concen: 74.205 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072102.D

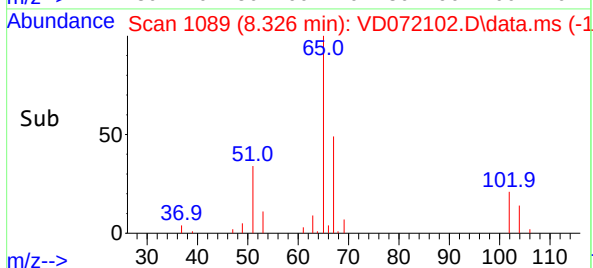
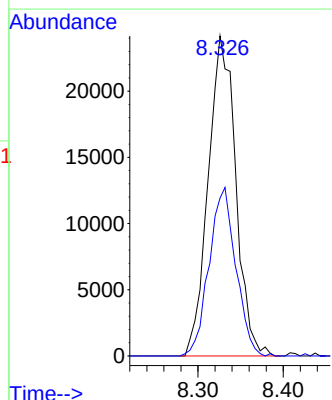
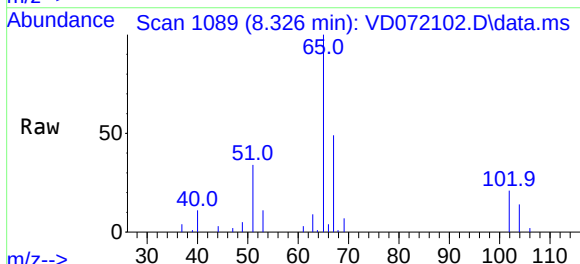
Acq: 25 Feb 2022 16:04

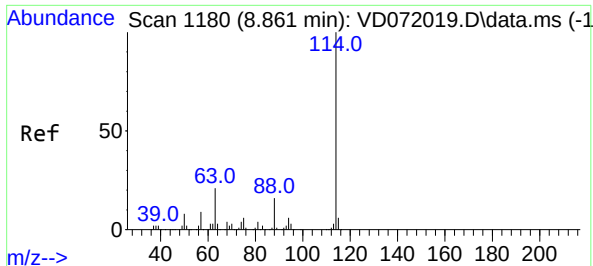
Tgt Ion: 65 Resp: 54297

Ion Ratio Lower Upper

65 100

67 51.1 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: VD072102.D

Acq: 25 Feb 2022 16:04

Instrument :

MSVOA_D

ClientSampleId :

REMOTE-1

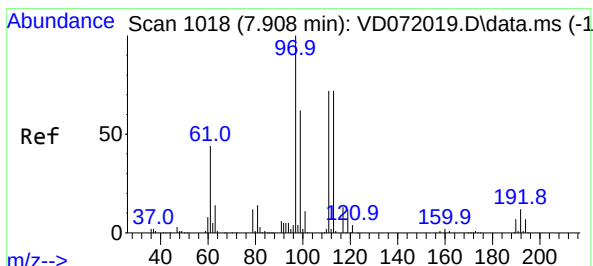
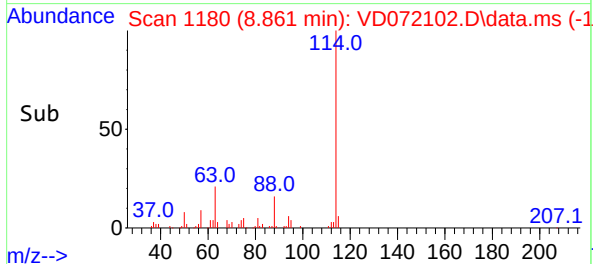
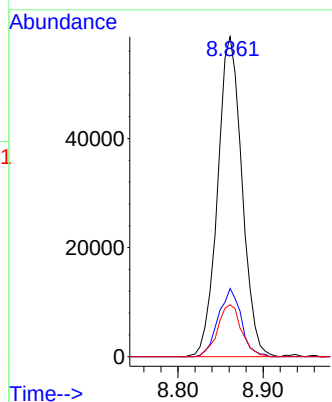
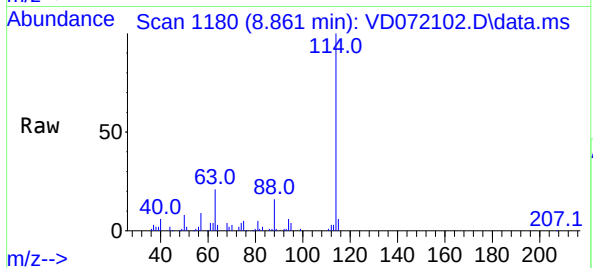
Tgt Ion:114 Resp: 116332

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.2

88 16.2 0.0 31.2



#35

Dibromofluoromethane

Concen: 62.788 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072102.D

Acq: 25 Feb 2022 16:04

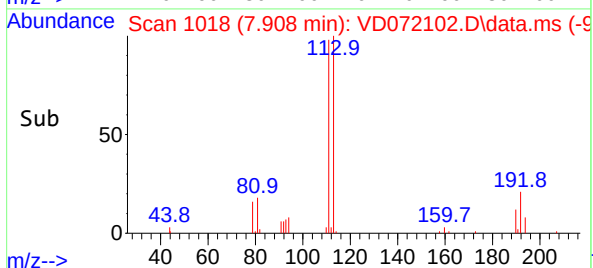
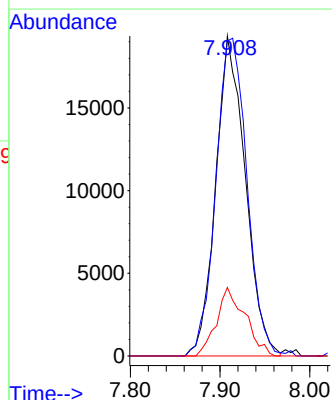
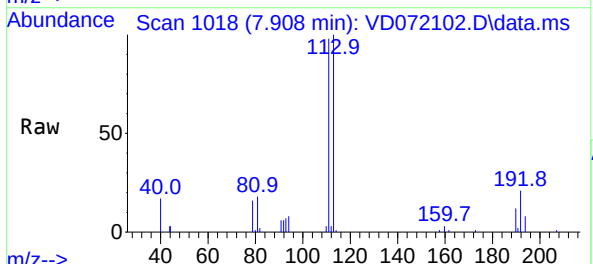
Tgt Ion:113 Resp: 44254

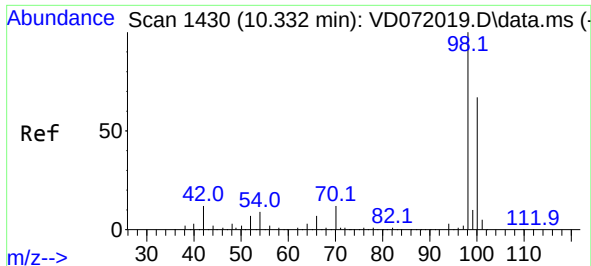
Ion Ratio Lower Upper

113 100

111 104.8 83.0 124.4

192 20.6 15.3 22.9

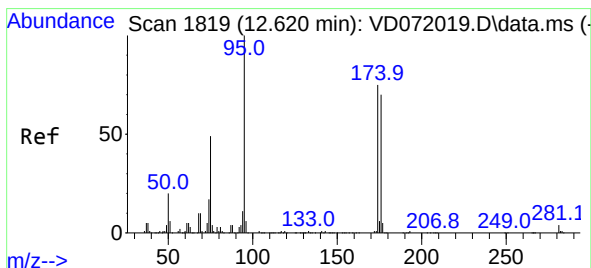
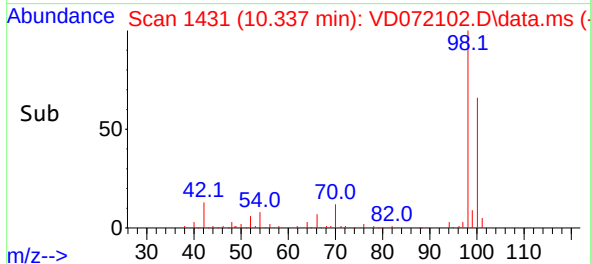
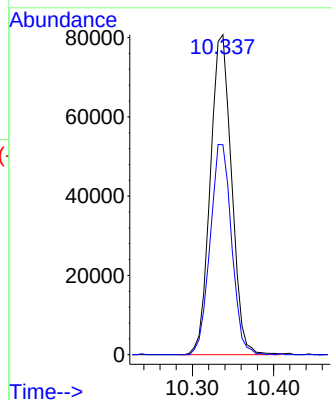
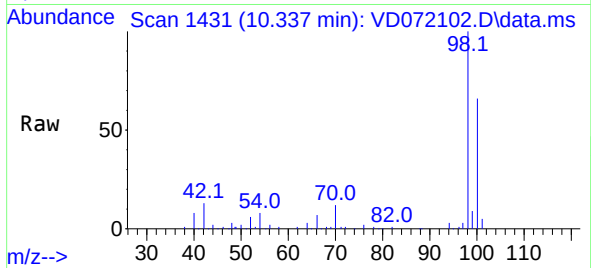




#50
Toluene-d8
Concen: 56.282 ug/l
RT: 10.337 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

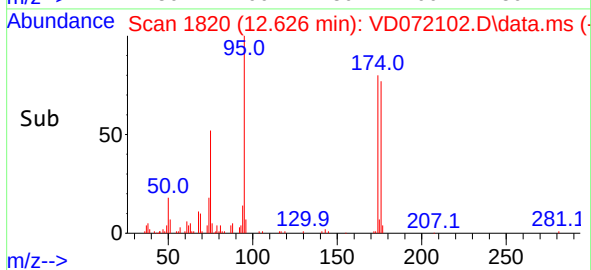
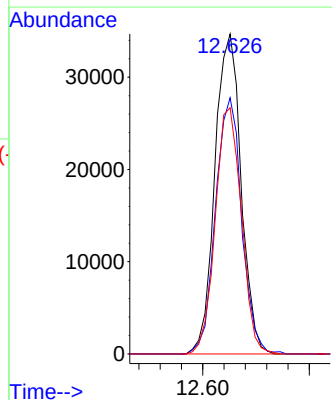
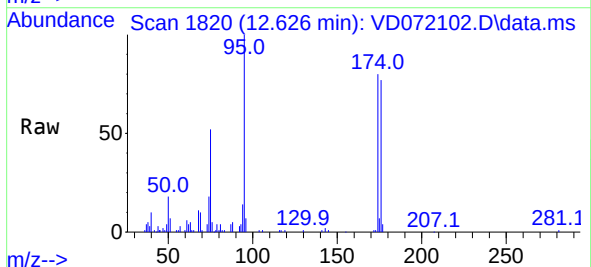
Instrument :
MSVOA_D
ClientSampleId :
REMOTE-1

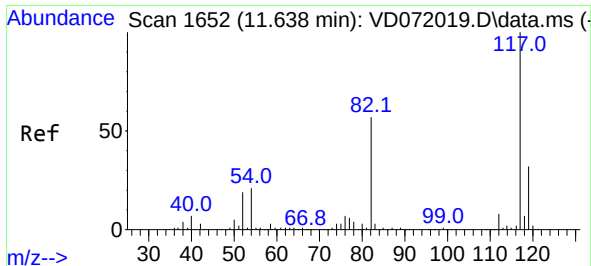
Tgt Ion: 98 Resp: 147109
Ion Ratio Lower Upper
98 100
100 66.1 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 61.566 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

Tgt Ion: 95 Resp: 59110
Ion Ratio Lower Upper
95 100
174 80.1 0.0 155.0
176 76.7 0.0 148.8



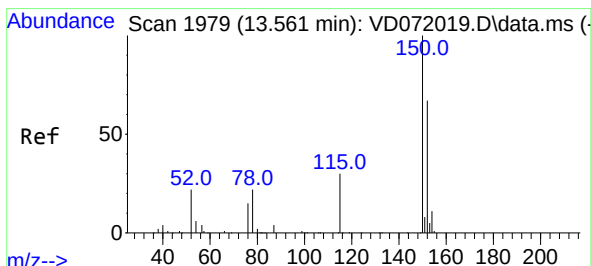
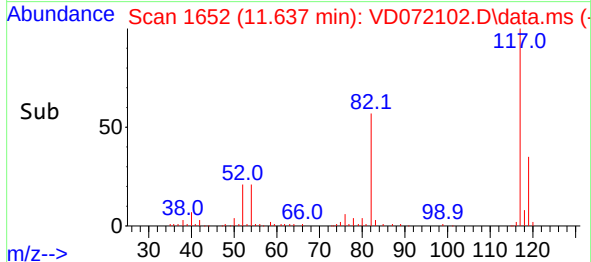
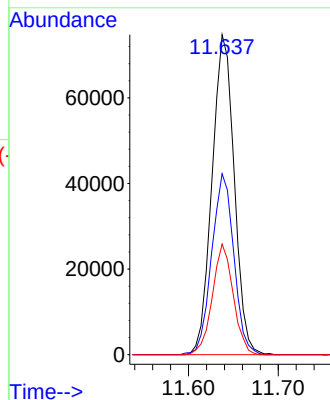
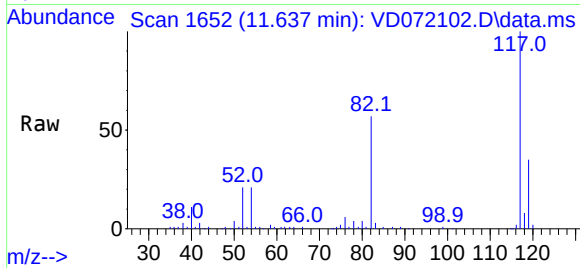


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

Instrument :
MSVOA_D
ClientSampleId :
REMOTE-1

Tgt Ion:117 Resp: 128378

Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.4	68.0
119	34.5	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072102.D
Acq: 25 Feb 2022 16:04

Tgt Ion:152 Resp: 62868

Ion	Ratio	Lower	Upper
152	100		
115	61.3	29.9	89.7
150	152.8	0.0	347.6

