

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
 Data File : VD072072.D
 Acq On : 23 Feb 2022 13:13
 Operator : VA/SY
 Sample : N1636-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-02-022222

Quant Time: Feb 24 06:46:42 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	17197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	26162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	27012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	13237	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	14037	78.690	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.380%
35) Dibromofluoromethane	7.914	113	11652	73.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	147.020%#
50) Toluene-d8	10.338	98	30888	52.547	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.100%
62) 4-Bromofluorobenzene	12.620	95	12136	56.206	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.420%

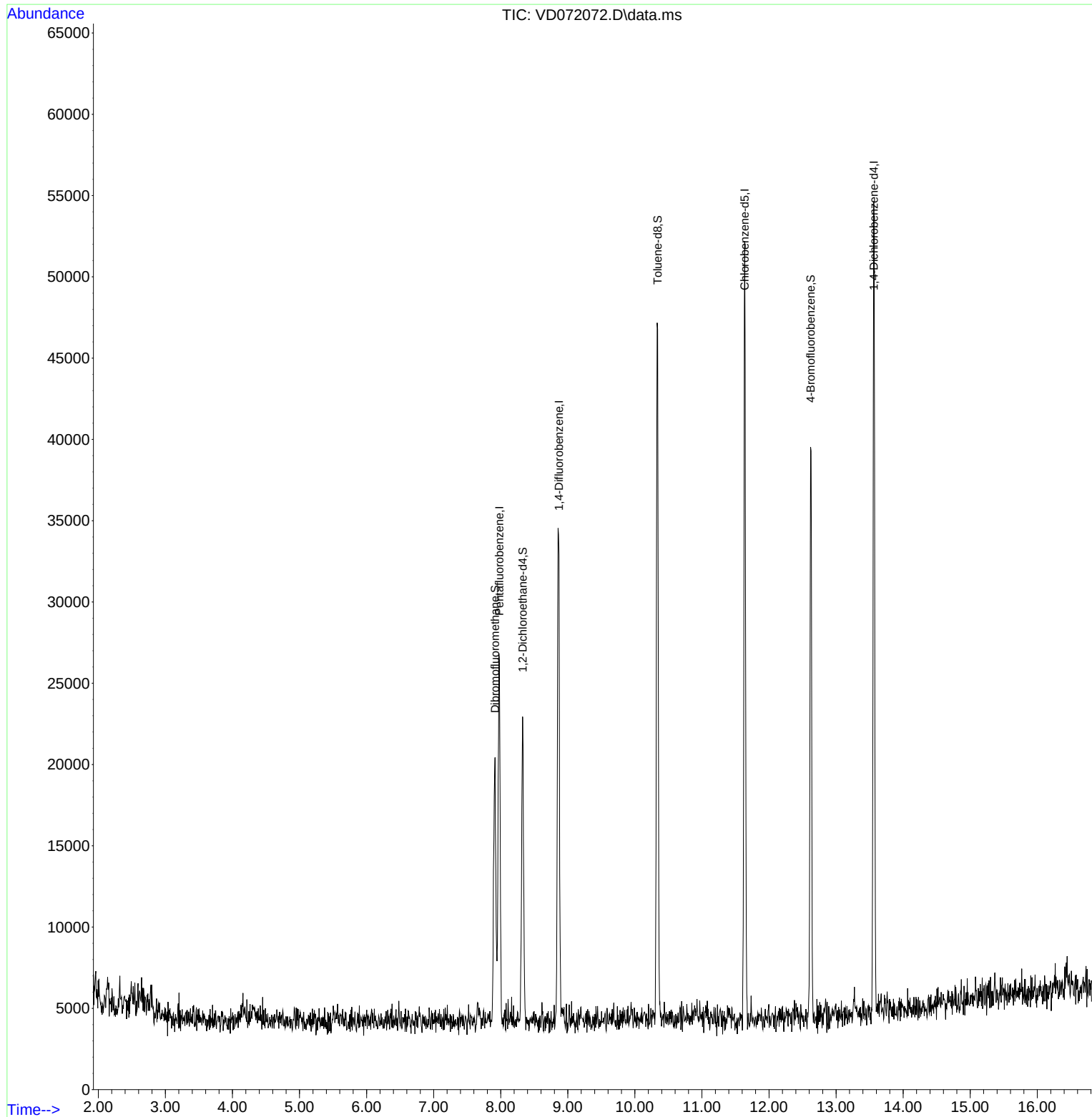
Target Compounds	Qvalue

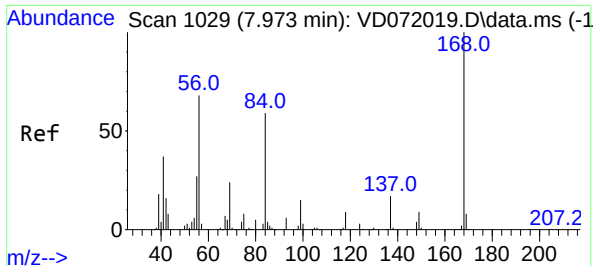
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
Data File : VD072072.D
Acq On : 23 Feb 2022 13:13
Operator : VA/SY
Sample : N1636-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-02-02222

Quant Time: Feb 24 06:46:42 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





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072072.D

Acq: 23 Feb 2022 13:13

Instrument :

MSVOA_D

ClientSampleId :

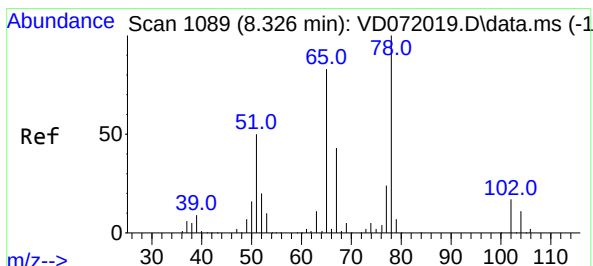
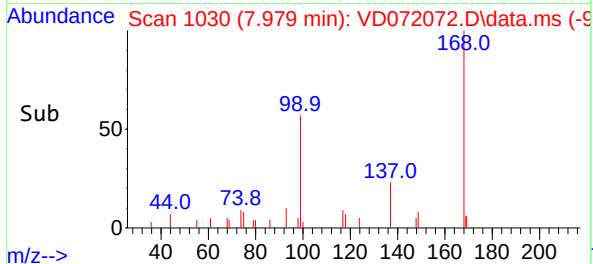
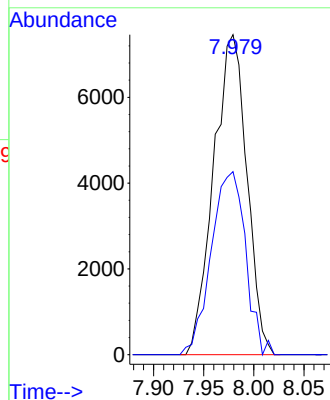
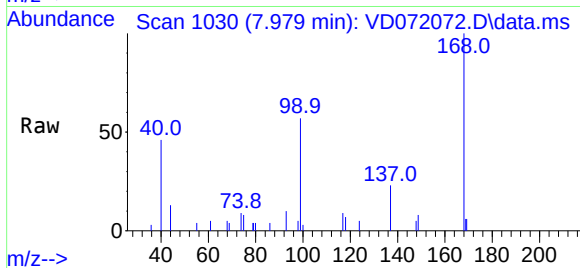
HR-02-022222

Tgt Ion:168 Resp: 17197

Ion Ratio Lower Upper

168 100

99 57.2 47.1 70.7



1,2-Dichloroethane-d4

Concen: 78.690 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072072.D

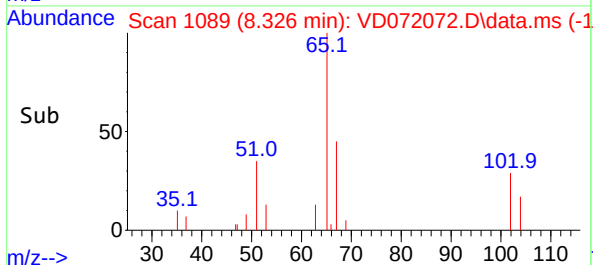
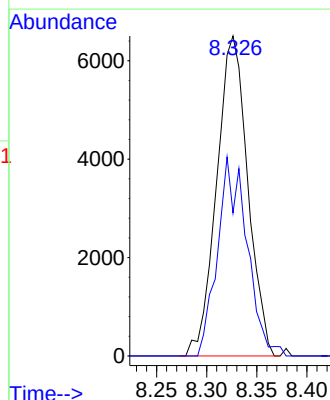
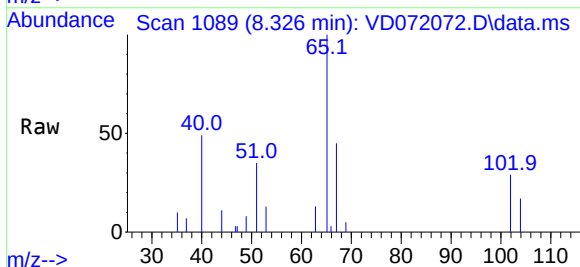
Acq: 23 Feb 2022 13:13

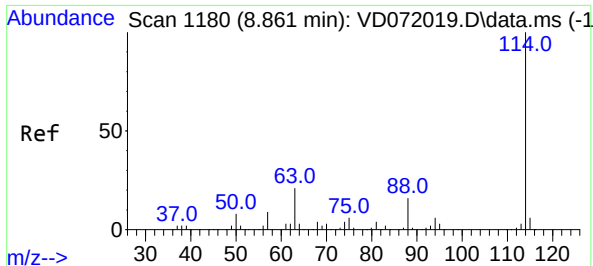
Tgt Ion: 65 Resp: 14037

Ion Ratio Lower Upper

65 100

67 58.6 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD072072.D

Acq: 23 Feb 2022 13:13

Instrument :

MSVOA_D

ClientSampleId :

HR-02-022222

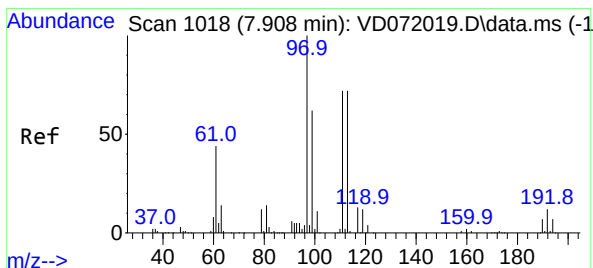
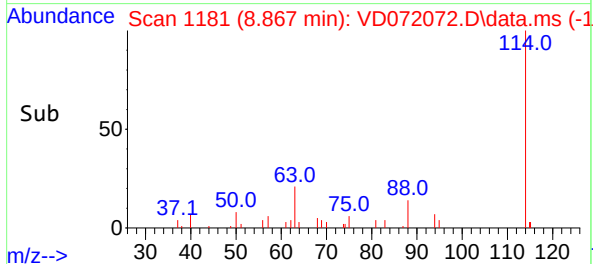
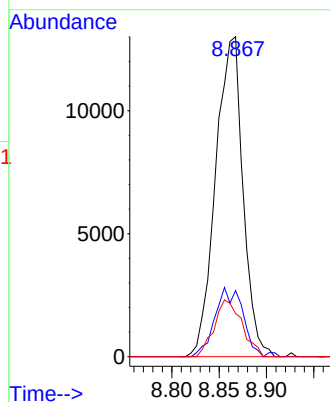
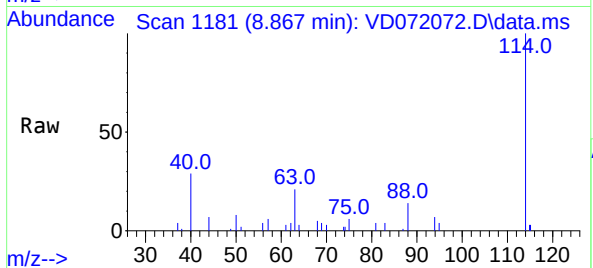
Tgt Ion:114 Resp: 26162

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.2

88 13.5 0.0 31.2



#35

Dibromofluoromethane

Concen: 73.511 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072072.D

Acq: 23 Feb 2022 13:13

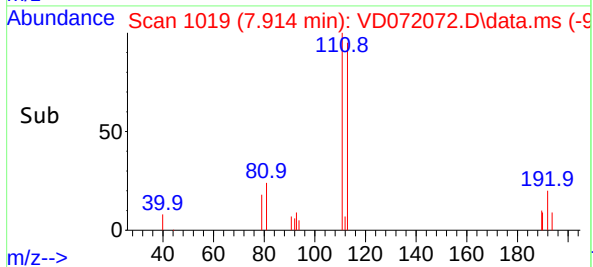
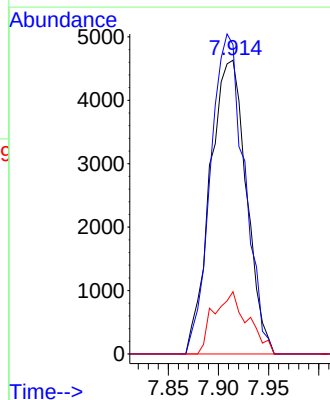
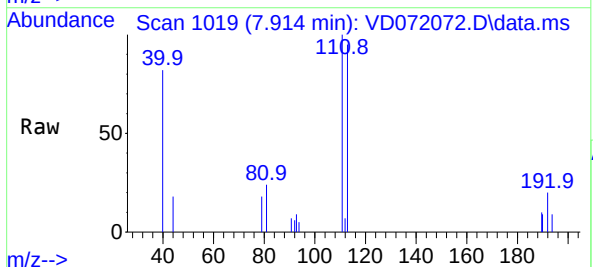
Tgt Ion:113 Resp: 11652

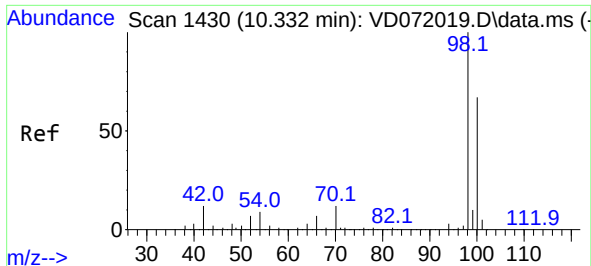
Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

192 20.0 15.3 22.9

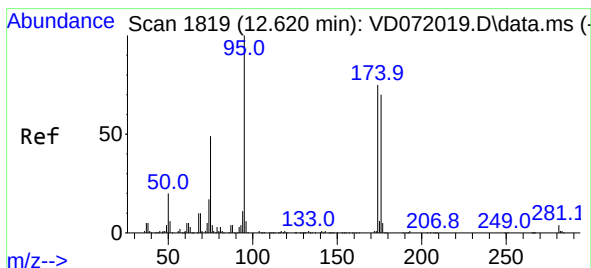
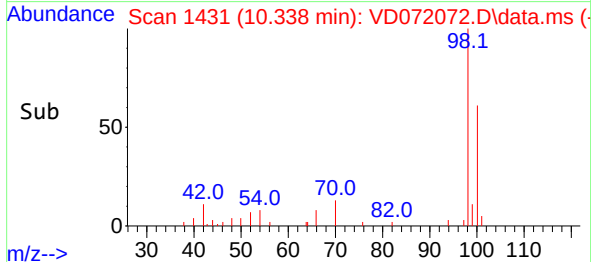
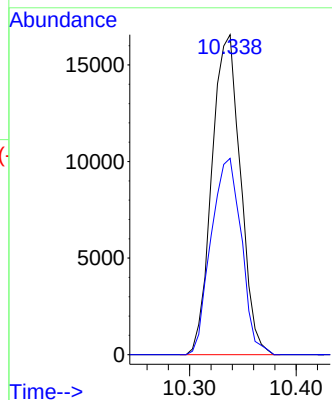
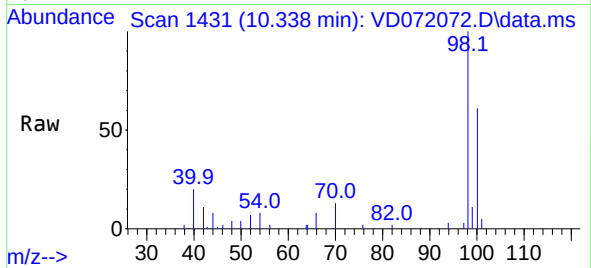




#50
Toluene-d8
Concen: 52.547 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072072.D
Acq: 23 Feb 2022 13:13

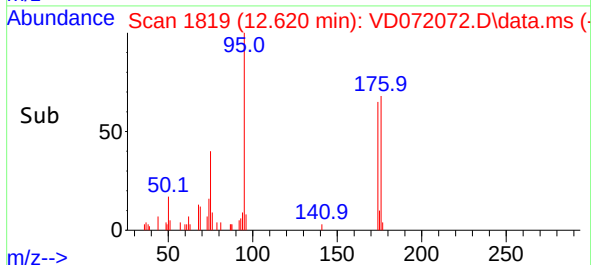
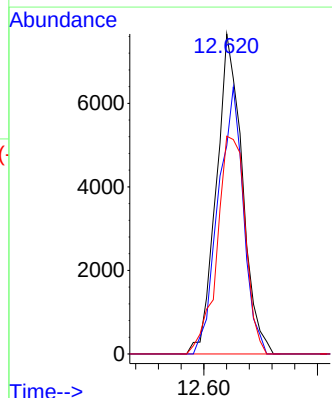
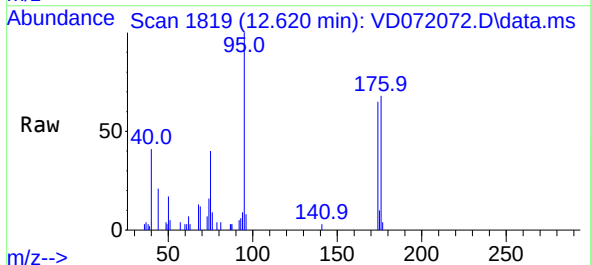
Instrument :
MSVOA_D
ClientSampleId :
HR-02-022222

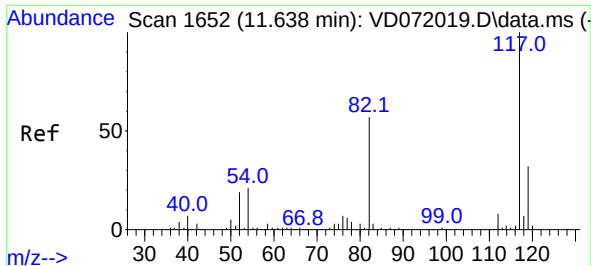
Tgt Ion: 98 Resp: 30888
Ion Ratio Lower Upper
98 100
100 65.1 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 56.206 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072072.D
Acq: 23 Feb 2022 13:13

Tgt Ion: 95 Resp: 12136
Ion Ratio Lower Upper
95 100
174 81.0 0.0 155.0
176 73.9 0.0 148.8

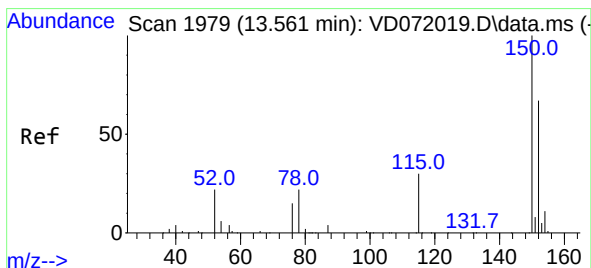
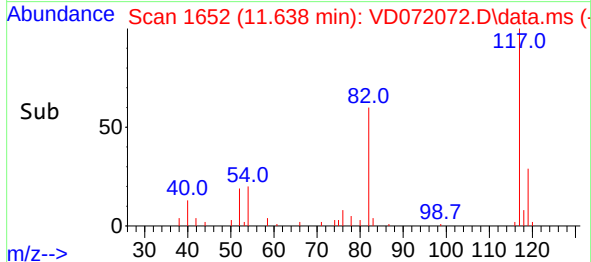
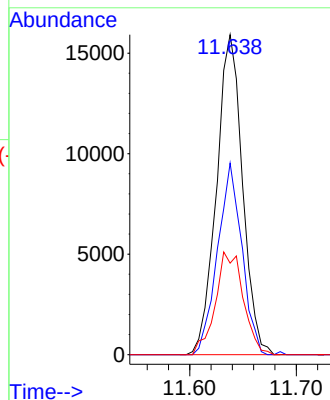
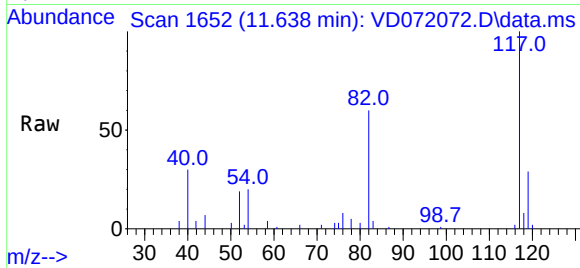




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072072.D
Acq: 23 Feb 2022 13:13

Instrument :
MSVOA_D
ClientSampleId :
HR-02-022222

Tgt Ion:117 Resp: 27012
Ion Ratio Lower Upper
117 100
82 59.9 45.4 68.0
119 28.6 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: VD072072.D
Acq: 23 Feb 2022 13:13

Tgt Ion:152 Resp: 13237
Ion Ratio Lower Upper
152 100
115 61.8 29.9 89.7
150 157.7 0.0 347.6

