

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071691.D
 Acq On : 12 Jan 2022 17:29
 Operator : VA/SY
 Sample : N1106-11
 Misc : 5.92G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SO-0022C-03-6

Quant Time: Jan 13 05:29:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	325592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	612685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	554357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	235593	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	227477	54.298	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.600%
35) Dibromofluoromethane	7.908	113	205609	50.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.560%
50) Toluene-d8	10.332	98	794768	52.435	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.880%
62) 4-Bromofluorobenzene	12.620	95	239268	44.799	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.600%

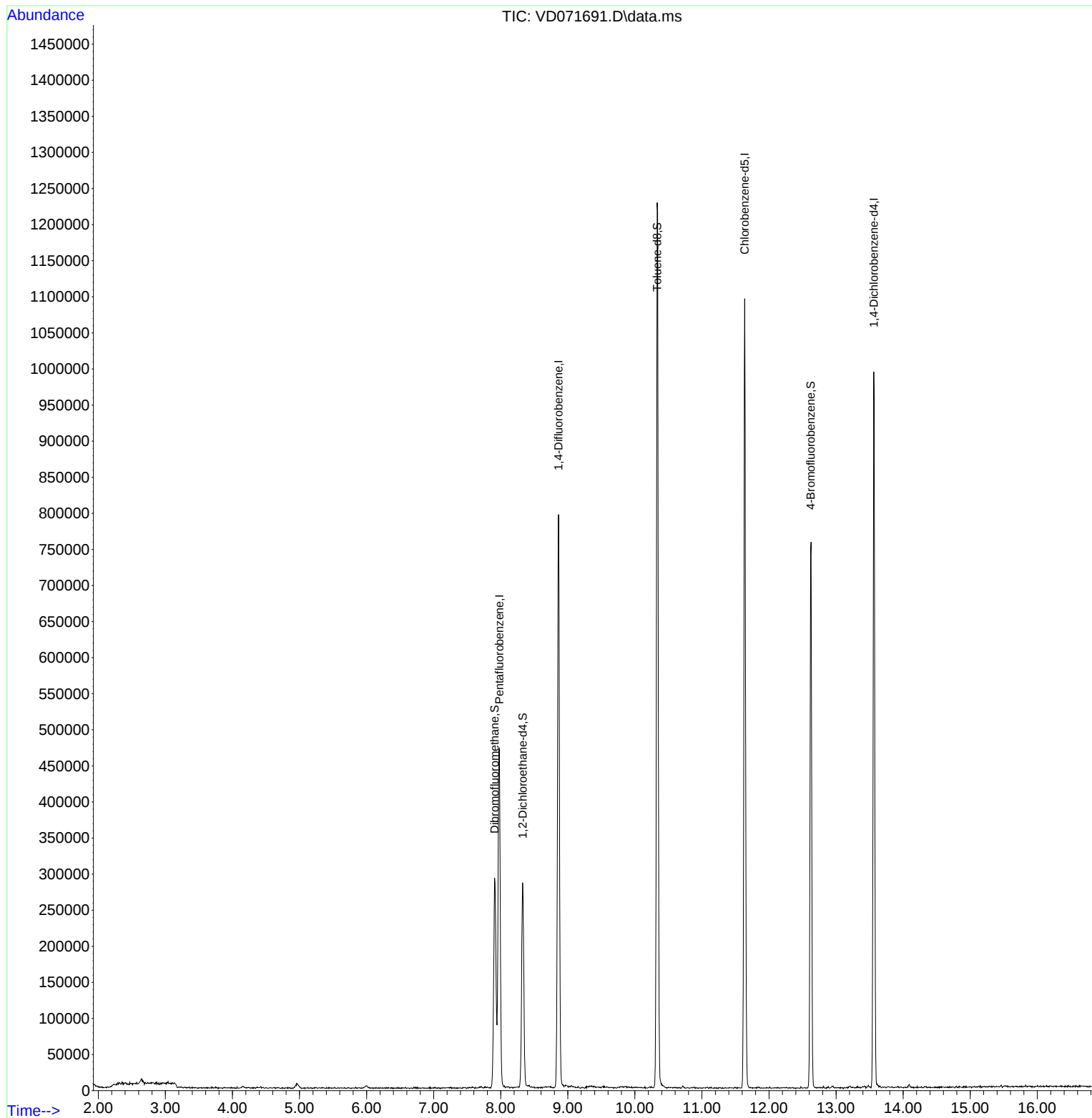
Target Compounds	Qvalue

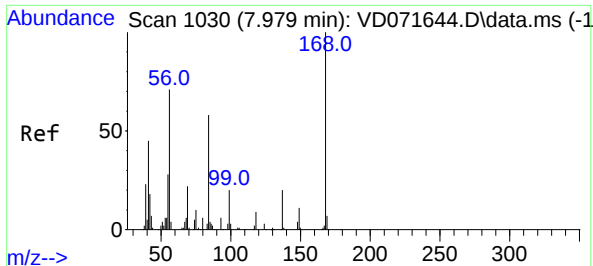
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
Data File : VD071691.D
Acq On : 12 Jan 2022 17:29
Operator : VA/SY
Sample : N1106-11
Misc : 5.92G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SO-0022C-03-6

Quant Time: Jan 13 05:29:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 07 15:39:14 2022
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD071691.D

Acq: 12 Jan 2022 17:29

Instrument :

MSVOA_D

ClientSampleId :

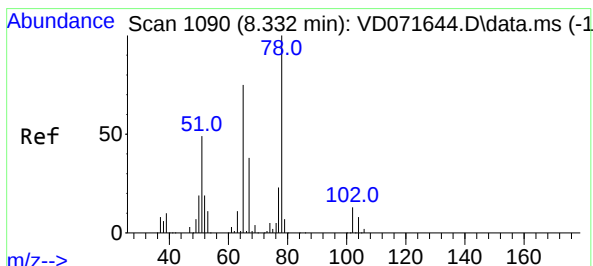
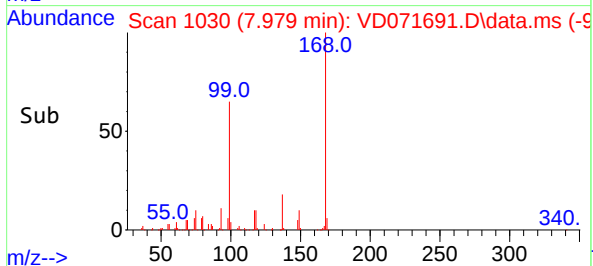
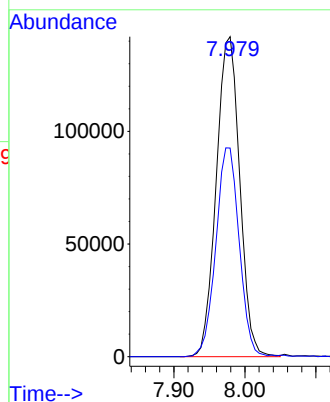
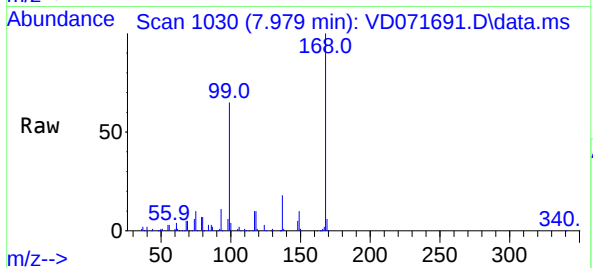
SO-0022C-03-6

Tgt Ion:168 Resp: 325592

Ion Ratio Lower Upper

168 100

99 65.2 51.8 77.6



1,2-Dichloroethane-d4

Concen: 54.298 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD071691.D

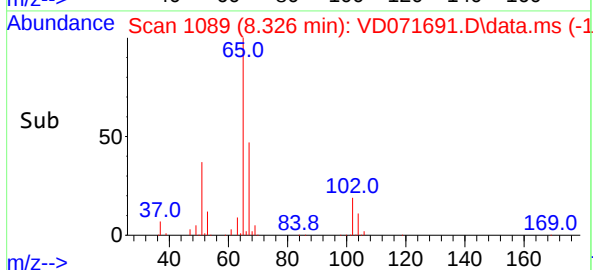
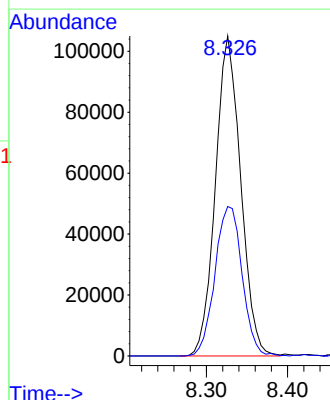
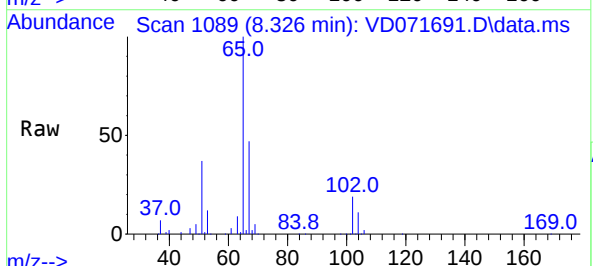
Acq: 12 Jan 2022 17:29

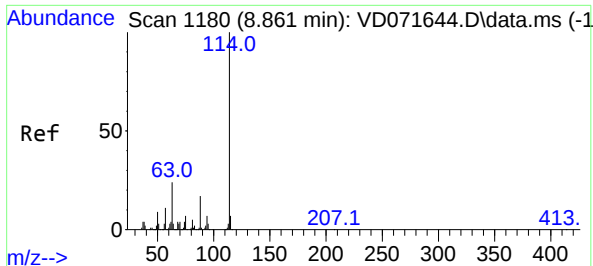
Tgt Ion: 65 Resp: 227477

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071691.D

Acq: 12 Jan 2022 17:29

Instrument :

MSVOA_D

ClientSampleId :

SO-0022C-03-6

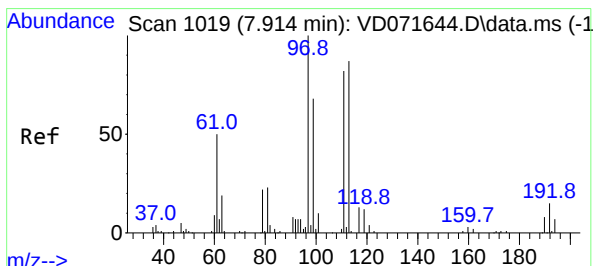
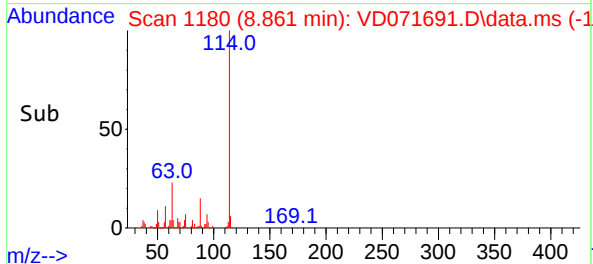
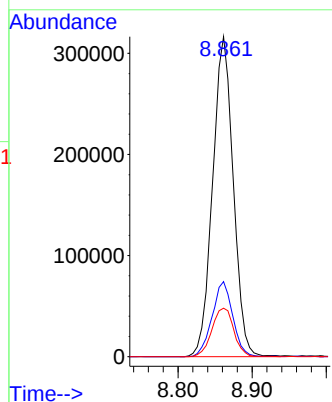
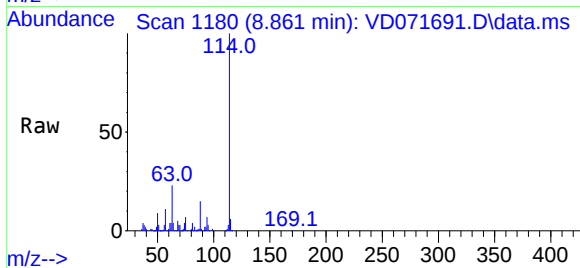
Tgt Ion:114 Resp: 612685

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.2

88 15.1 0.0 32.0



#35

Dibromofluoromethane

Concen: 50.779 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071691.D

Acq: 12 Jan 2022 17:29

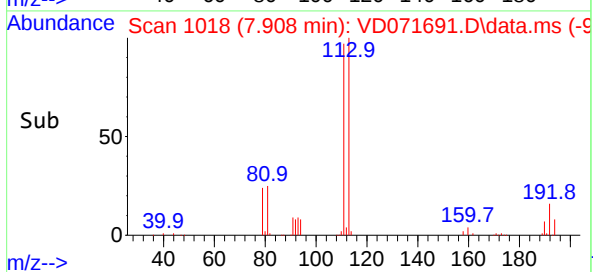
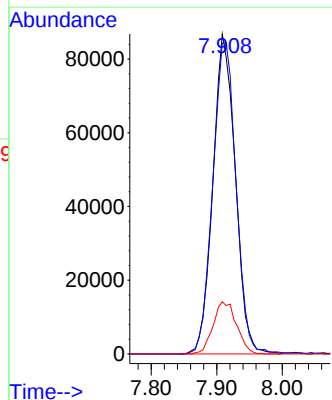
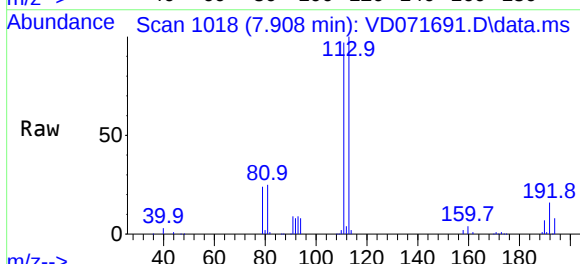
Tgt Ion:113 Resp: 205609

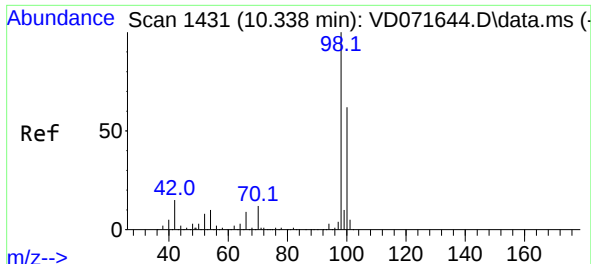
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 17.1 14.2 21.2

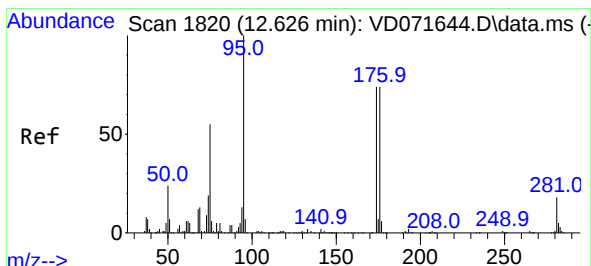
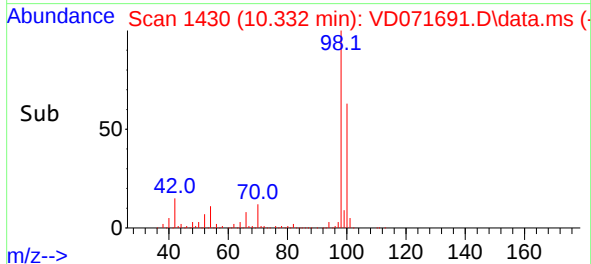
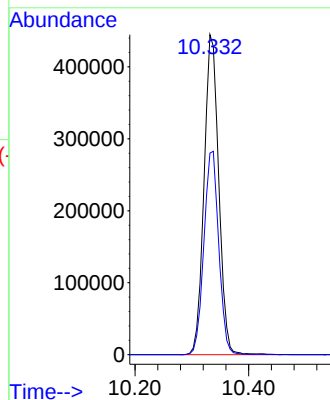
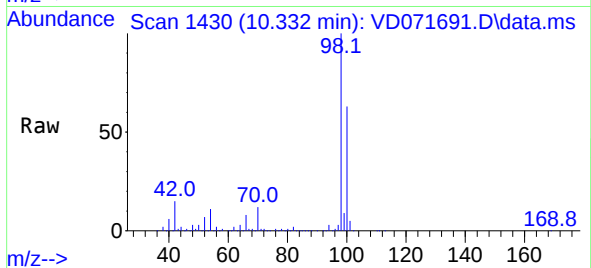




#50
Toluene-d8
Concen: 52.435 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD071691.D
Acq: 12 Jan 2022 17:29

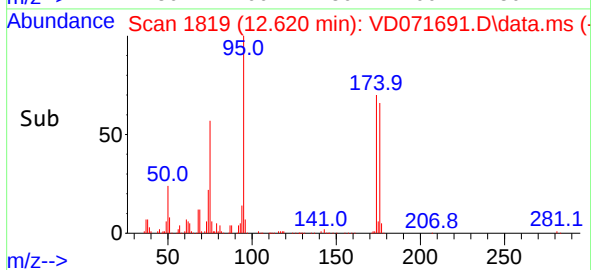
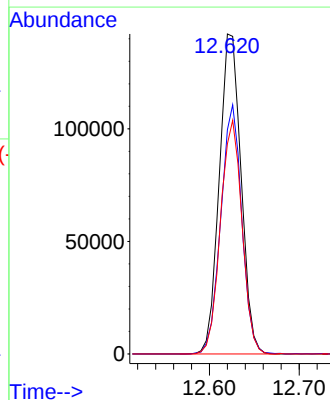
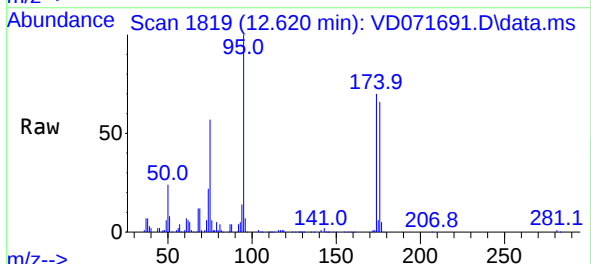
Instrument :
MSVOA_D
ClientSampleId :
SO-0022C-03-6

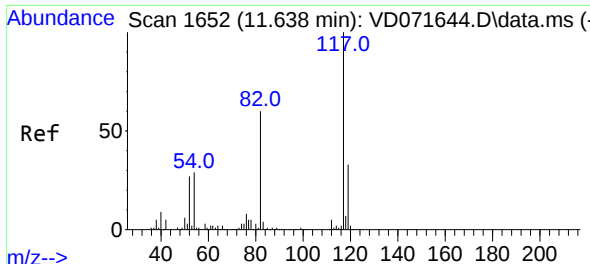
Tgt Ion: 98 Resp: 794768
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.799 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071691.D
Acq: 12 Jan 2022 17:29

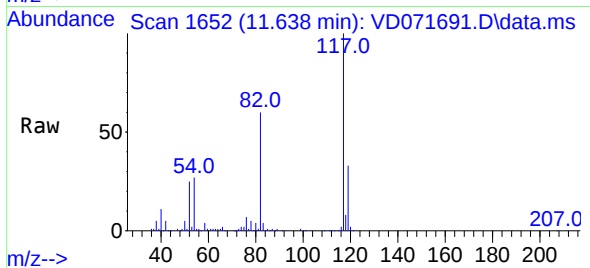
Tgt Ion: 95 Resp: 239268
Ion Ratio Lower Upper
95 100
174 75.0 0.0 150.0
176 72.0 0.0 146.4



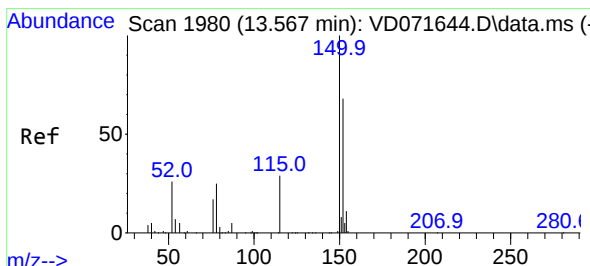
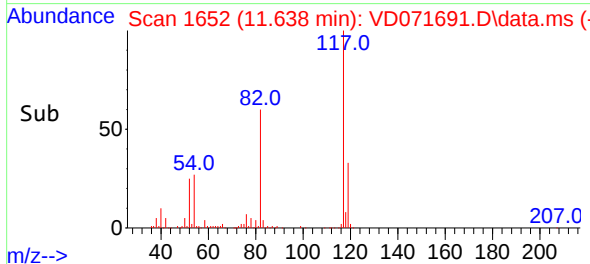
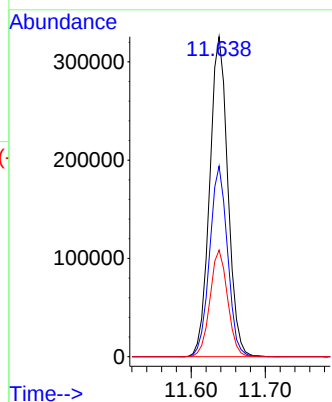


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VD071691.D
Acq: 12 Jan 2022 17:29

Instrument :
MSVOA_D
ClientSampleId :
SO-0022C-03-6



Tgt Ion:	117	Resp:	554357
Ion Ratio	Lower	Upper	
117	100		
82	59.6	46.9	70.3
119	33.3	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071691.D
Acq: 12 Jan 2022 17:29

Tgt Ion:	152	Resp:	235593
Ion Ratio	Lower	Upper	
152	100		
115	61.2	31.5	94.5
150	155.9	0.0	348.0

