

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
 Data File : VD071711.D
 Acq On : 13 Jan 2022 15:48
 Operator : VA/SY
 Sample : N1097-10
 Misc : 5.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2D

Quant Time: Jan 14 04:06:23 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)

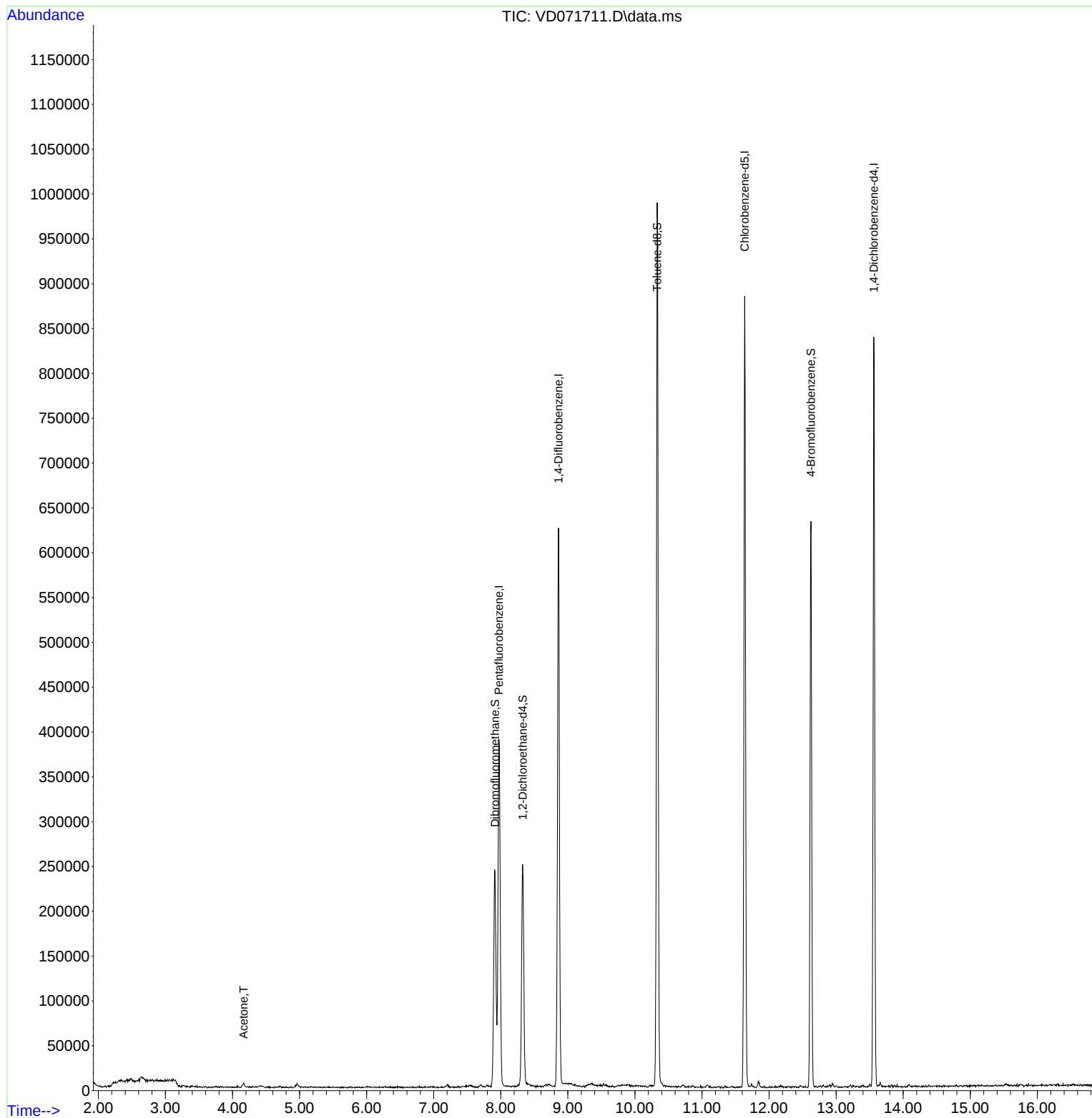
Internal Standards						
1) Pentafluorobenzene	7.973	168	263424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	471810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	445258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	196660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	198348	58.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.040%
35) Dibromofluoromethane	7.914	113	167220	53.629	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.260%
50) Toluene-d8	10.332	98	623080	53.382	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.760%
62) 4-Bromofluorobenzene	12.626	95	199174	48.427	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.860%
Target Compounds						
16) Acetone	4.167	43	6265	8.006	ug/l	Qvalue # 86

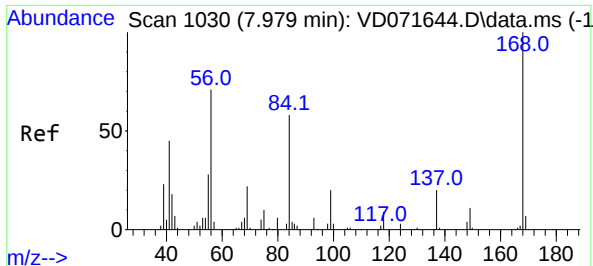
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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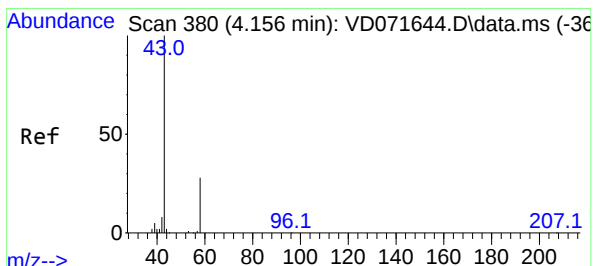
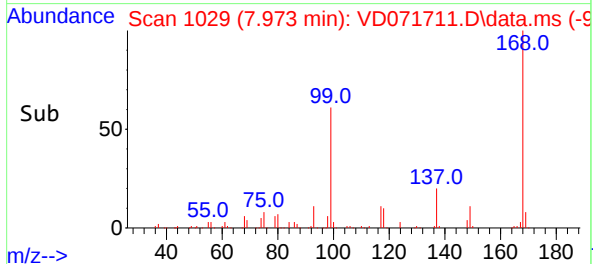
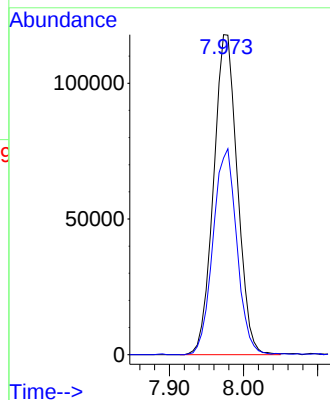
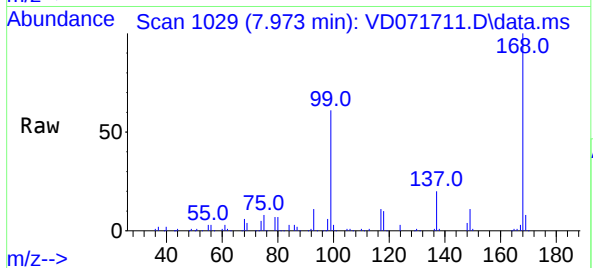




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071711.D
Acq: 13 Jan 2022 15:48

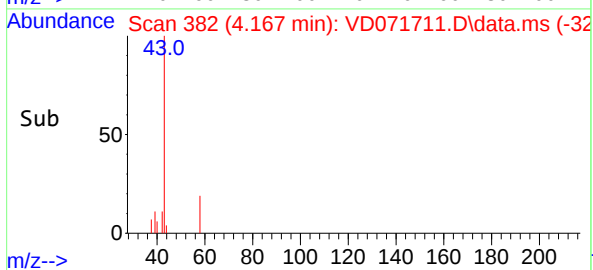
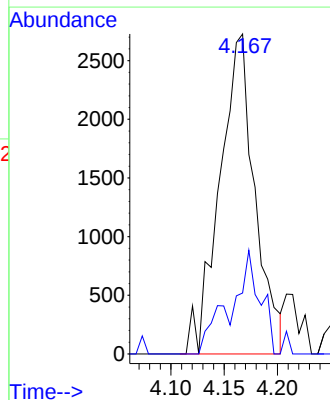
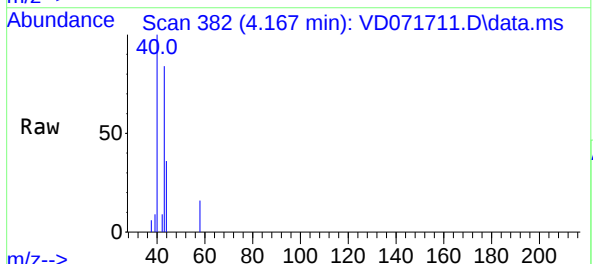
Instrument :
MSVOA_D
ClientSampleId :
TP-2D

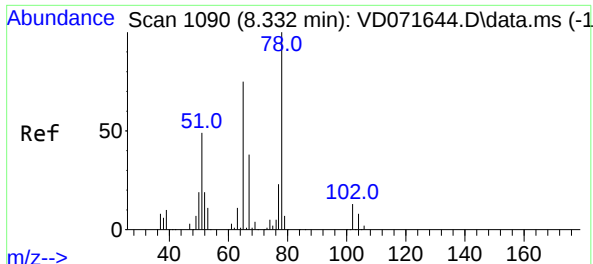
Tgt Ion:168 Resp: 263424
Ion Ratio Lower Upper
168 100
99 61.4 51.8 77.6



#16
Acetone
Concen: 8.006 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD071711.D
Acq: 13 Jan 2022 15:48

Tgt Ion: 43 Resp: 6265
Ion Ratio Lower Upper
43 100
58 19.1 21.0 31.6#





#33

1,2-Dichloroethane-d4

Concen: 58.518 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071711.D

Acq: 13 Jan 2022 15:48

Instrument :

MSVOA_D

ClientSampleId :

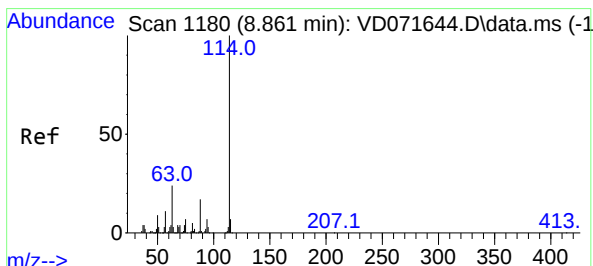
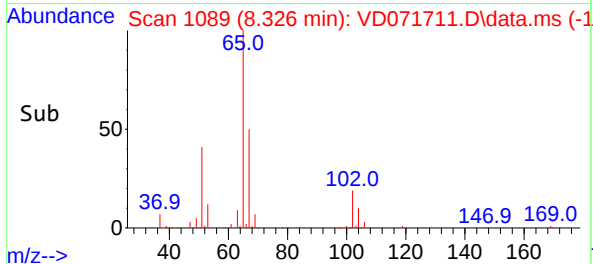
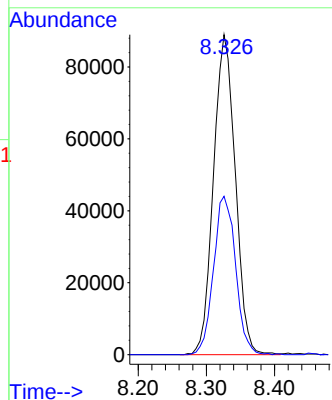
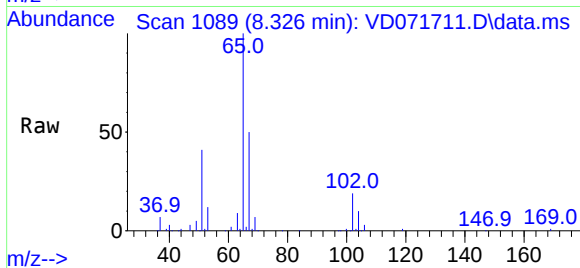
TP-2D

Tgt Ion: 65 Resp: 198348

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# 1180

Delta R.T. -0.006 min

Lab File: VD071711.D

Acq: 13 Jan 2022 15:48

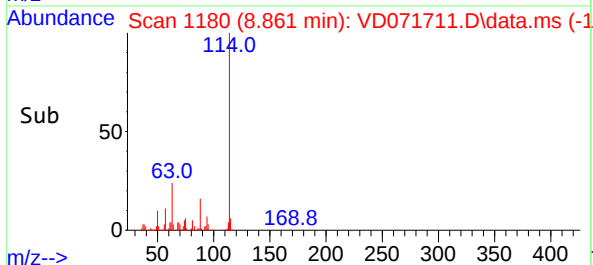
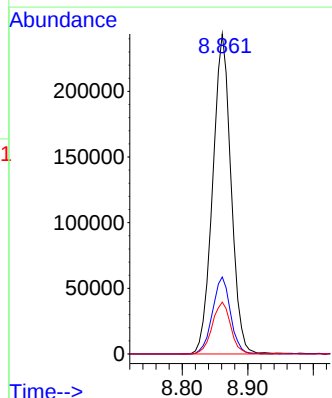
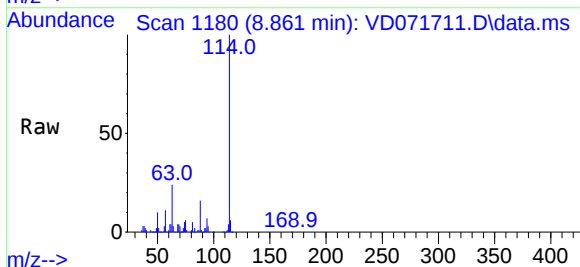
Tgt Ion:114 Resp: 471810

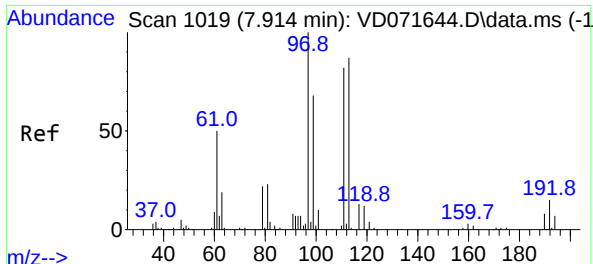
Ion Ratio Lower Upper

114 100

63 24.1 0.0 46.2

88 16.2 0.0 32.0

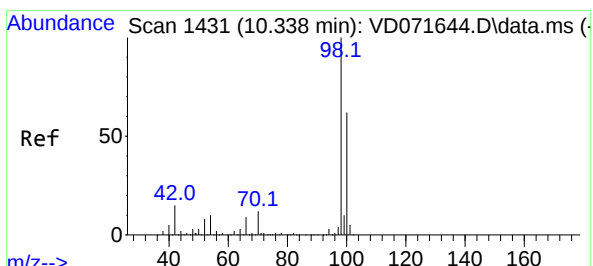
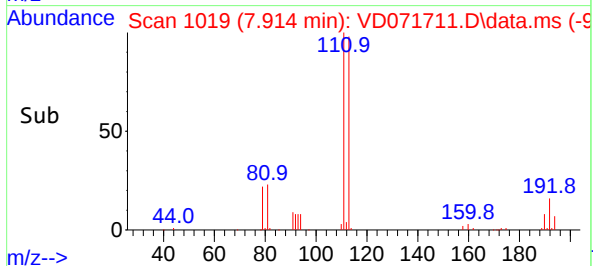
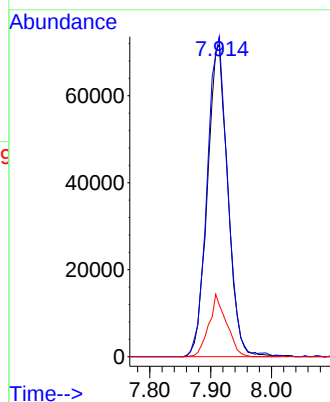
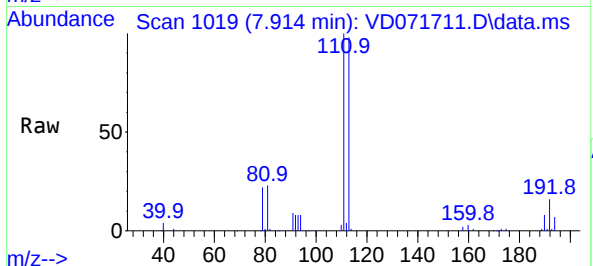




#35
Dibromofluoromethane
Concen: 53.629 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071711.D
Acq: 13 Jan 2022 15:48

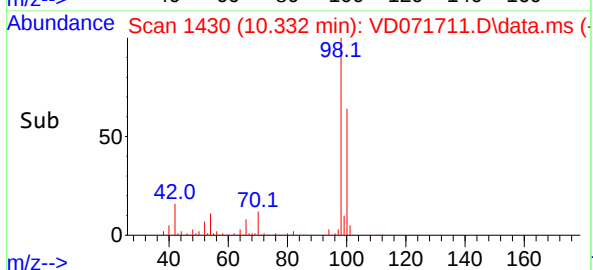
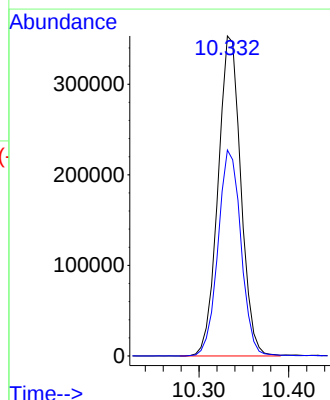
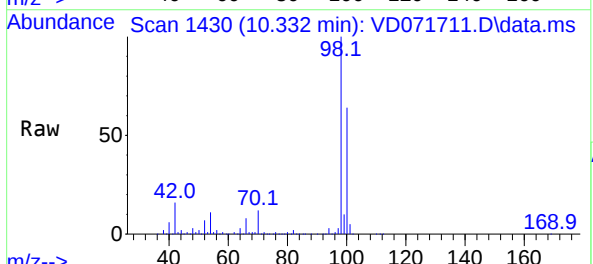
Instrument :
MSVOA_D
ClientSampleId :
TP-2D

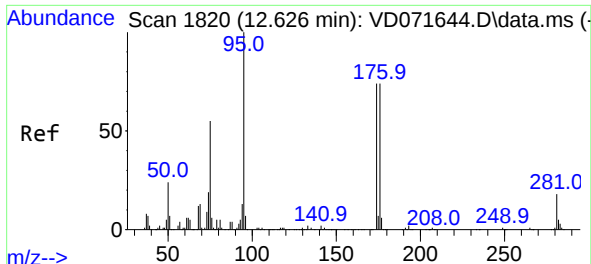
Tgt Ion:113 Resp: 167220
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 17.3 14.2 21.2



#50
Toluene-d8
Concen: 53.382 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.005 min
Lab File: VD071711.D
Acq: 13 Jan 2022 15:48

Tgt Ion: 98 Resp: 623080
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1

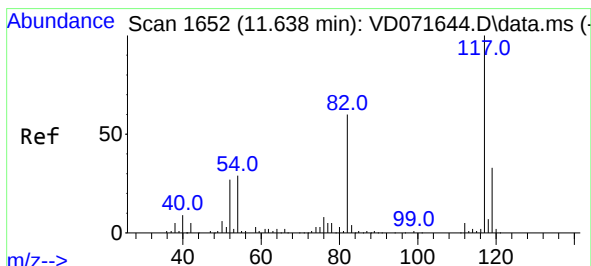
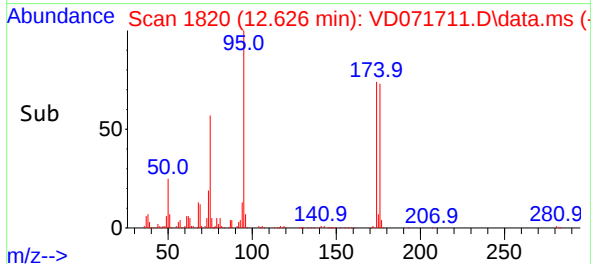
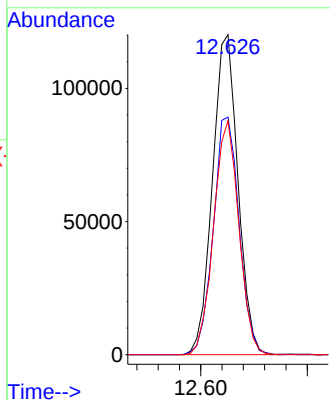
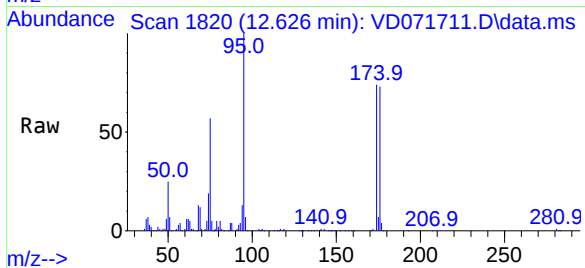




#62
4-Bromofluorobenzene
Concen: 48.427 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071711.D
Acq: 13 Jan 2022 15:48

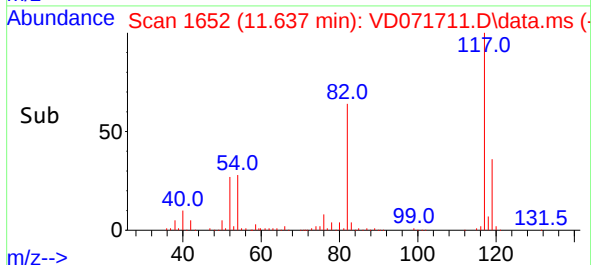
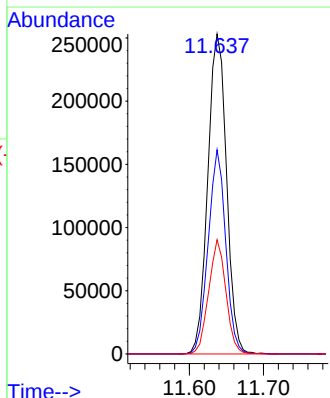
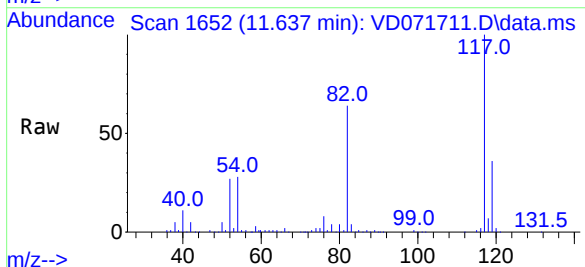
Instrument :
MSVOA_D
ClientSampleId :
TP-2D

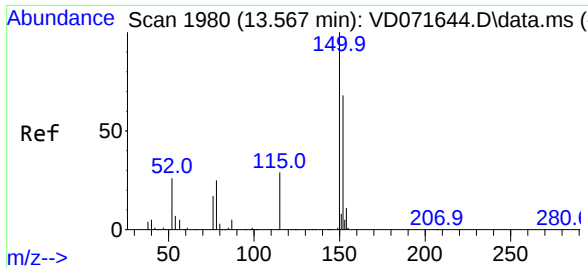
Tgt Ion: 95 Resp: 199174
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.0
176 72.4 0.0 146.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071711.D
Acq: 13 Jan 2022 15:48

Tgt Ion: 117 Resp: 445258
Ion Ratio Lower Upper
117 100
82 63.8 46.9 70.3
119 35.7 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: VD071711.D
 Acq: 13 Jan 2022 15:48

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2D

Tgt Ion:152 Resp: 196660

Ion	Ratio	Lower	Upper
152	100		
115	60.1	31.5	94.5
150	157.8	0.0	348.0

