

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072062.D
 Acq On : 22 Feb 2022 17:29
 Operator : VA/SY
 Sample : N1628-01
 Misc : 4.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-3

Quant Time: Feb 23 05:31:55 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)

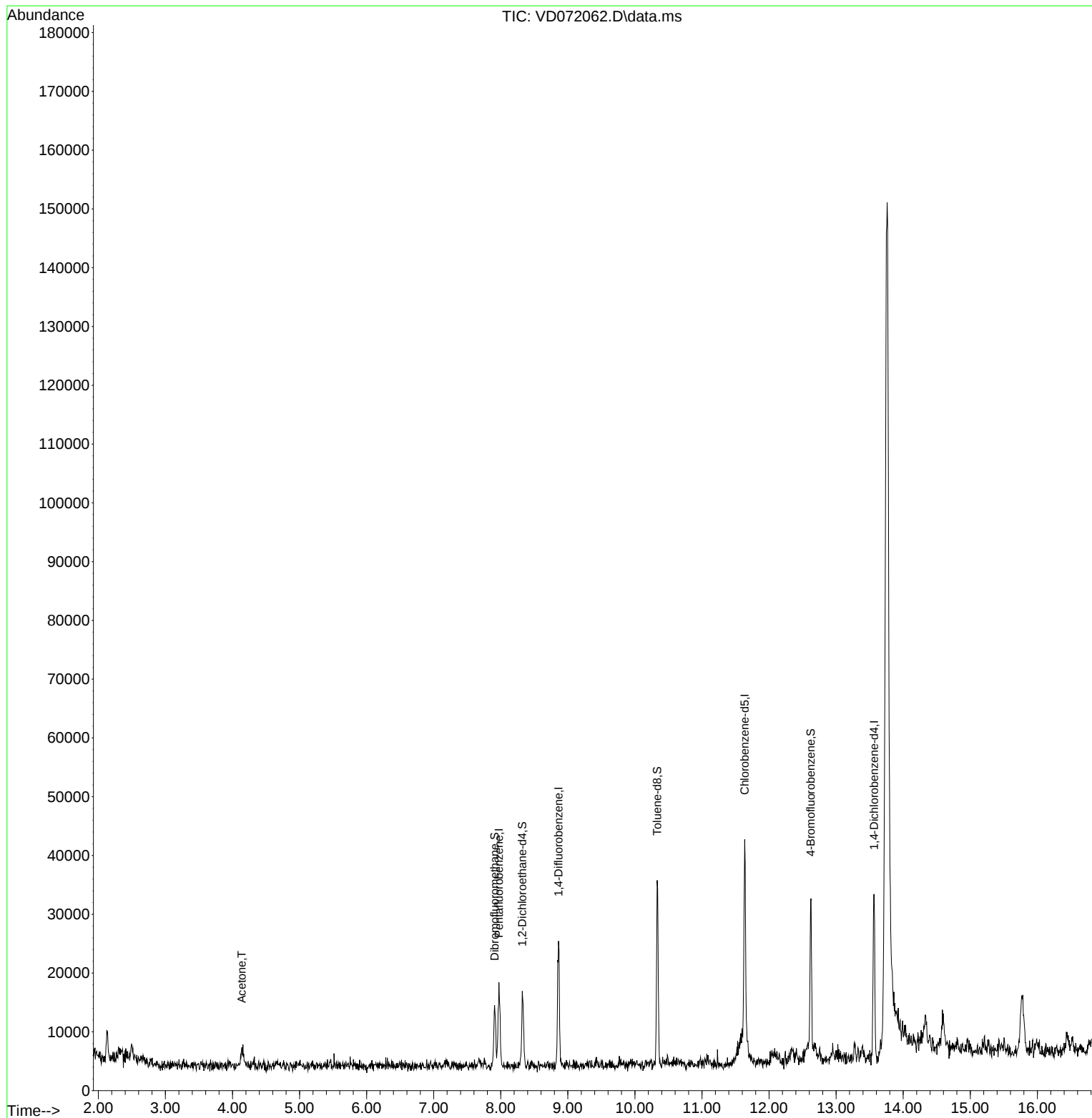
Internal Standards						
1) Pentafluorobenzene	7.973	168	10731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	18344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	18363	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	8778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	8996	80.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 161.640%	
35) Dibromofluoromethane	7.908	113	6775	60.959	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.920%	
50) Toluene-d8	10.332	98	20984	50.913	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.820%	
62) 4-Bromofluorobenzene	12.620	95	8343	55.107	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.220%	
Target Compounds						
16) Acetone	4.138	43	6204	257.892	ug/l	Qvalue 94

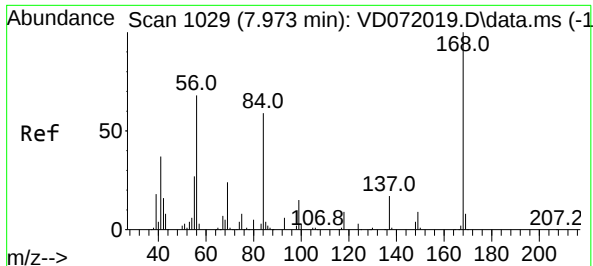
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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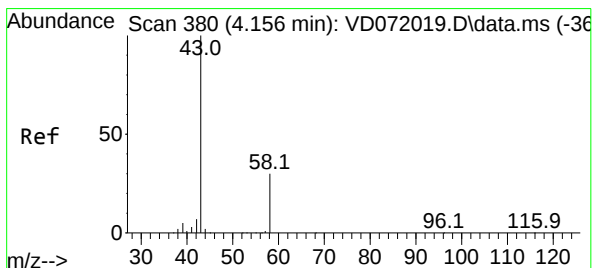
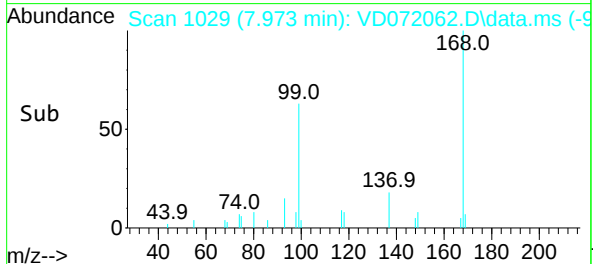
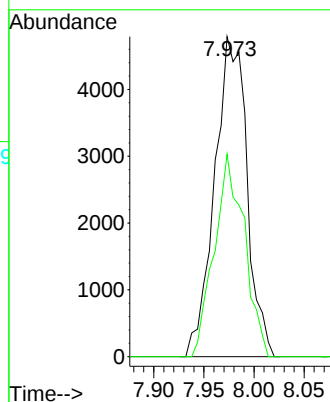
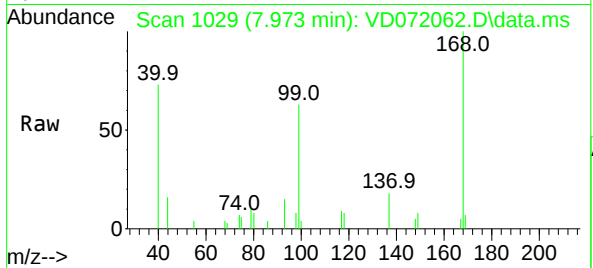




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072062.D
Acq: 22 Feb 2022 17:29

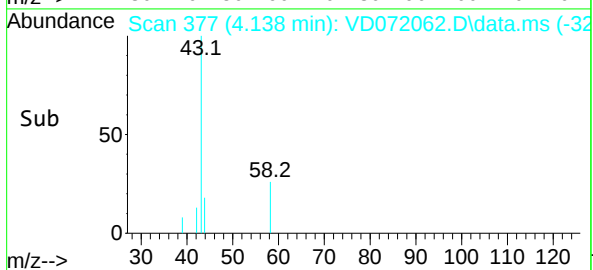
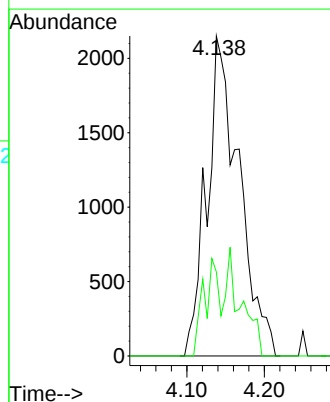
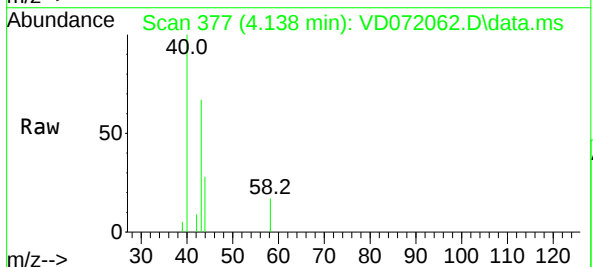
Instrument :
MSVOA_D
ClientSampleId :
BP-3

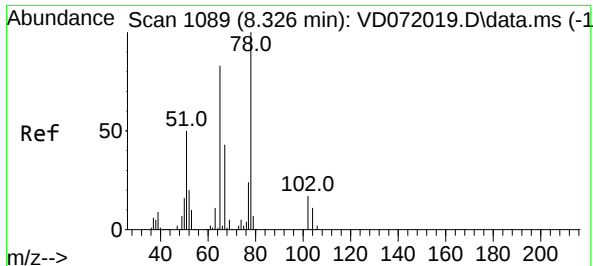
Tgt Ion:168 Resp: 10731
Ion Ratio Lower Upper
168 100
99 63.2 47.1 70.7



#16
Acetone
Concen: 257.892 ug/l
RT: 4.138 min Scan# 377
Delta R.T. -0.018 min
Lab File: VD072062.D
Acq: 22 Feb 2022 17:29

Tgt Ion: 43 Resp: 6204
Ion Ratio Lower Upper
43 100
58 26.2 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 80.818 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD072062.D

Acq: 22 Feb 2022 17:29

Instrument :

MSVOA_D

ClientSampleId :

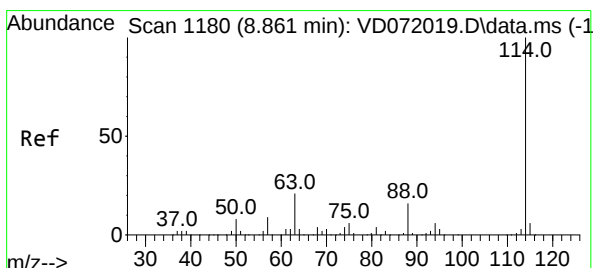
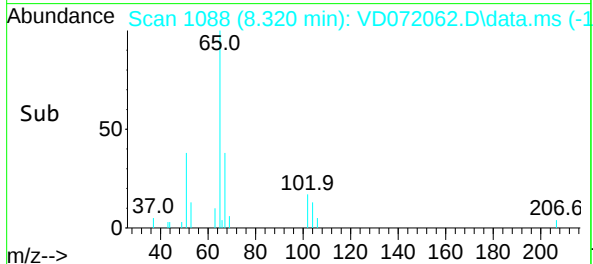
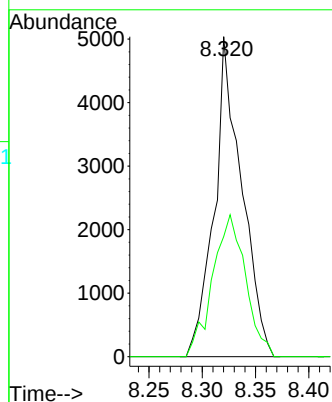
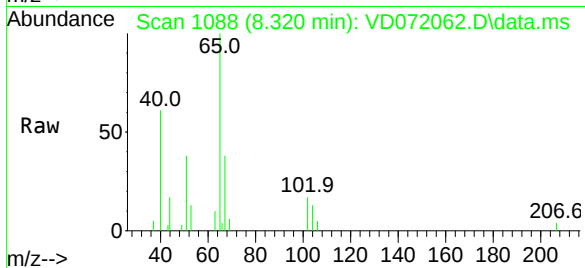
BP-3

Tgt Ion: 65 Resp: 8996

Ion Ratio Lower Upper

65 100

67 53.2 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: VD072062.D

Acq: 22 Feb 2022 17:29

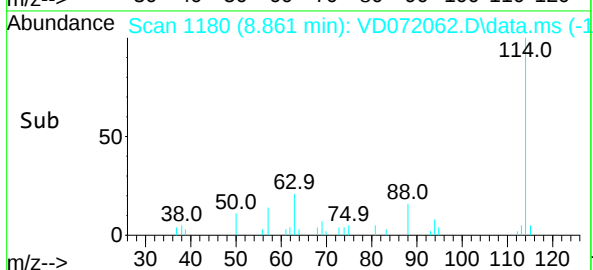
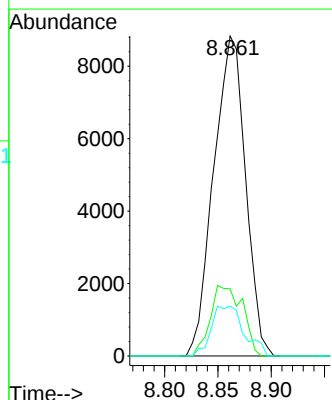
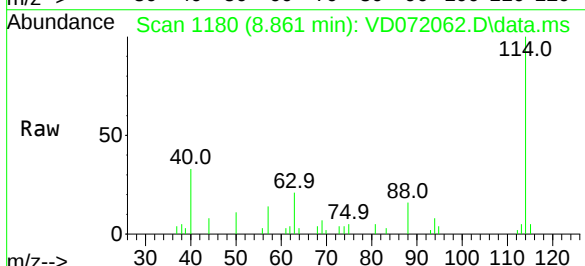
Tgt Ion: 114 Resp: 18344

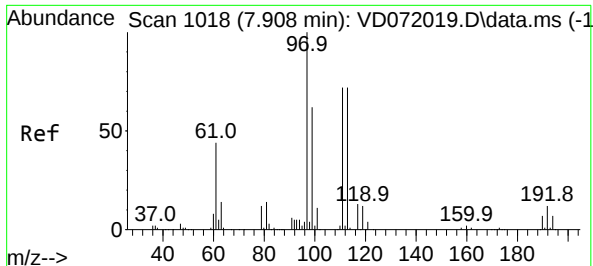
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.2

88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 60.959 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072062.D

Acq: 22 Feb 2022 17:29

Instrument :

MSVOA_D

ClientSampleId :

BP-3

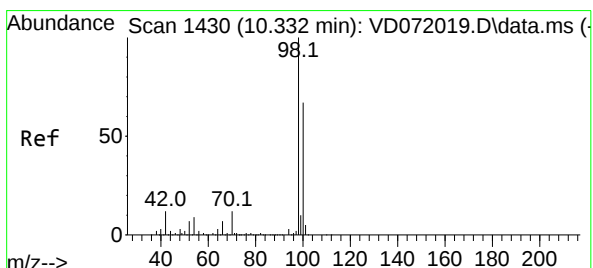
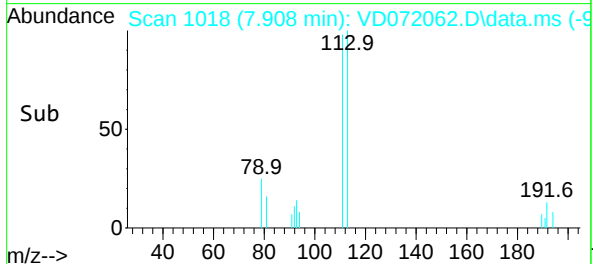
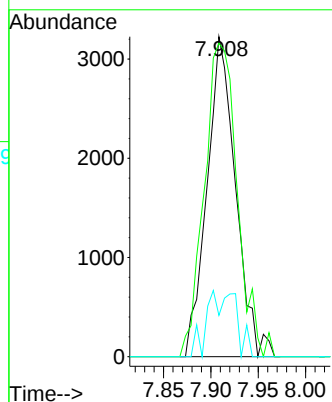
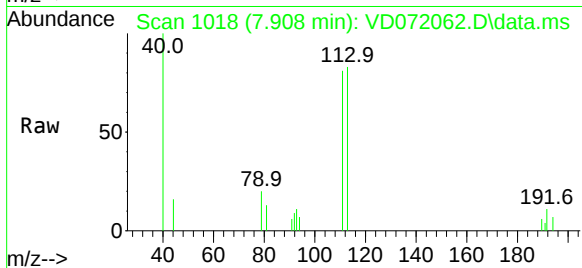
Tgt Ion:113 Resp: 6775

Ion Ratio Lower Upper

113 100

111 111.7 83.0 124.4

192 10.0 15.3 22.9#



#50

Toluene-d8

Concen: 50.913 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD072062.D

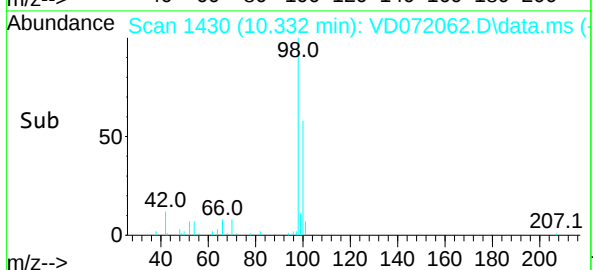
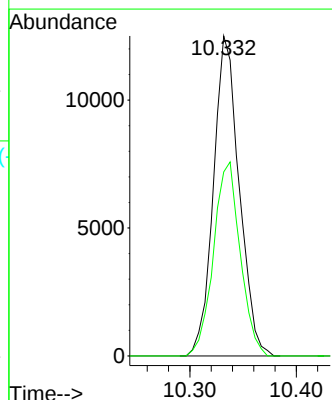
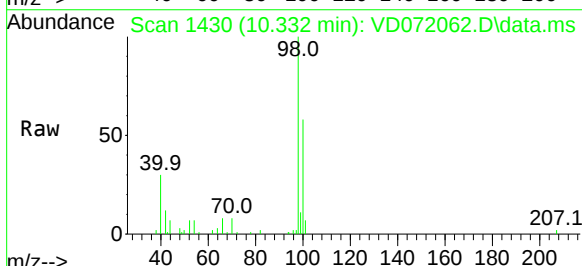
Acq: 22 Feb 2022 17:29

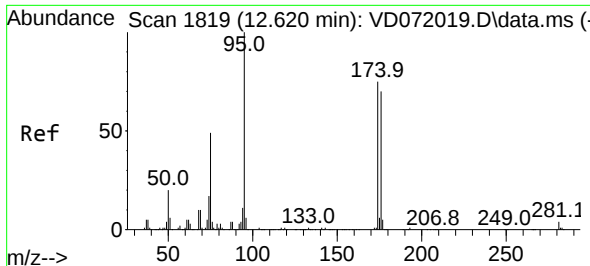
Tgt Ion: 98 Resp: 20984

Ion Ratio Lower Upper

98 100

100 62.8 53.8 80.6

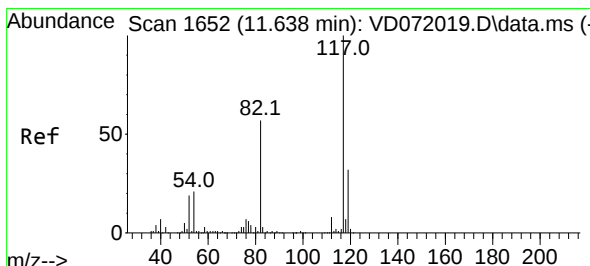
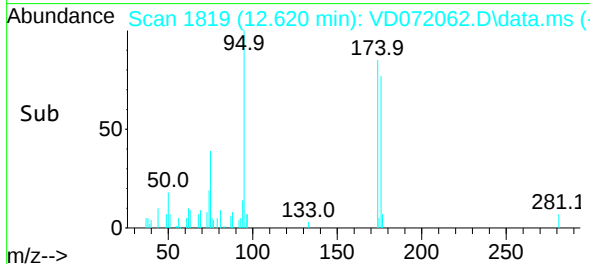
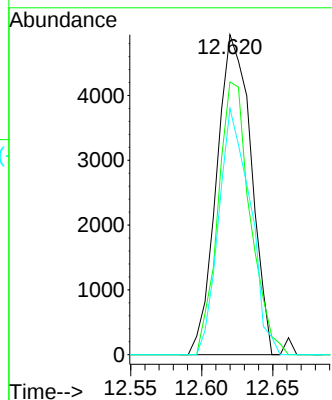
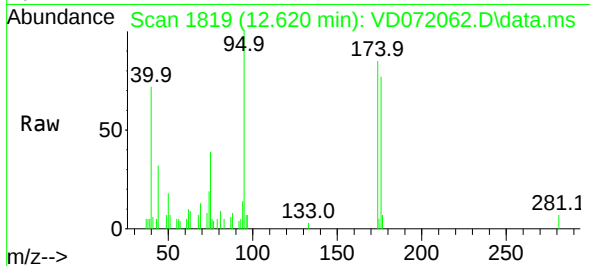




#62
4-Bromofluorobenzene
Concen: 55.107 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072062.D
Acq: 22 Feb 2022 17:29

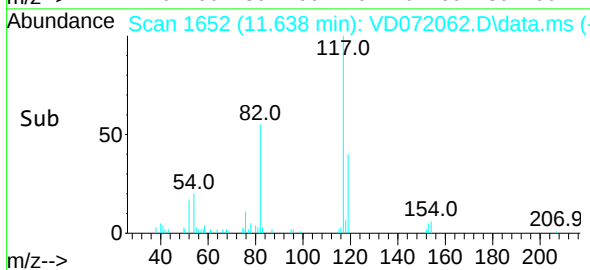
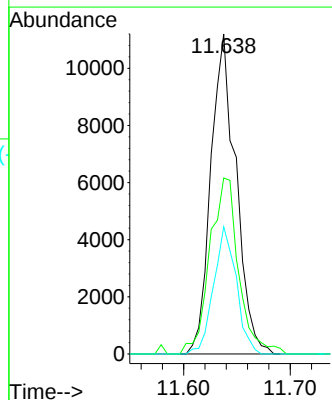
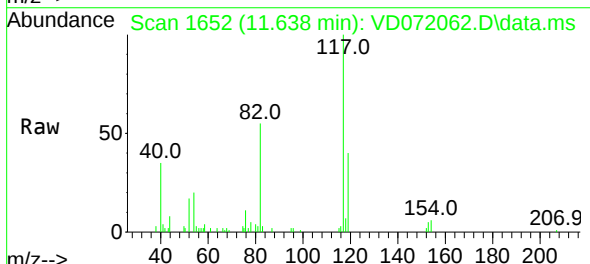
Instrument :
MSVOA_D
ClientSampleId :
BP-3

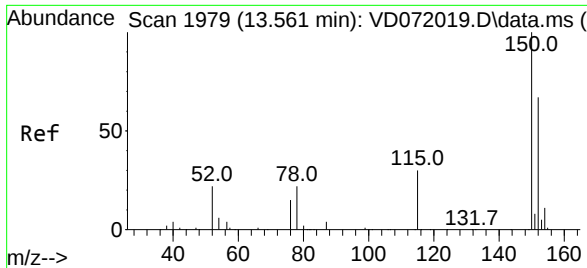
Tgt Ion:	95	Resp:	8343
Ion Ratio	Lower	Upper	
95	100		
174	79.2	0.0	155.0
176	70.1	0.0	148.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072062.D
Acq: 22 Feb 2022 17:29

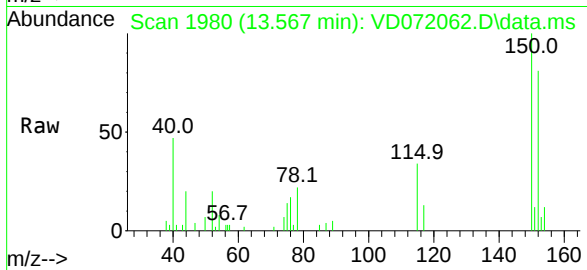
Tgt Ion:	117	Resp:	18363
Ion Ratio	Lower	Upper	
117	100		
82	55.0	45.4	68.0
119	39.7	25.4	38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD072062.D
 Acq: 22 Feb 2022 17:29

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-3



Tgt Ion:152 Resp: 8778
 Ion Ratio Lower Upper
 152 100
 115 58.5 29.9 89.7
 150 156.6 0.0 347.6

