

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
 Data File : VD072071.D
 Acq On : 23 Feb 2022 12:44
 Operator : VA/SY
 Sample : N1628-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-3

Quant Time: Feb 24 06:46:27 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)

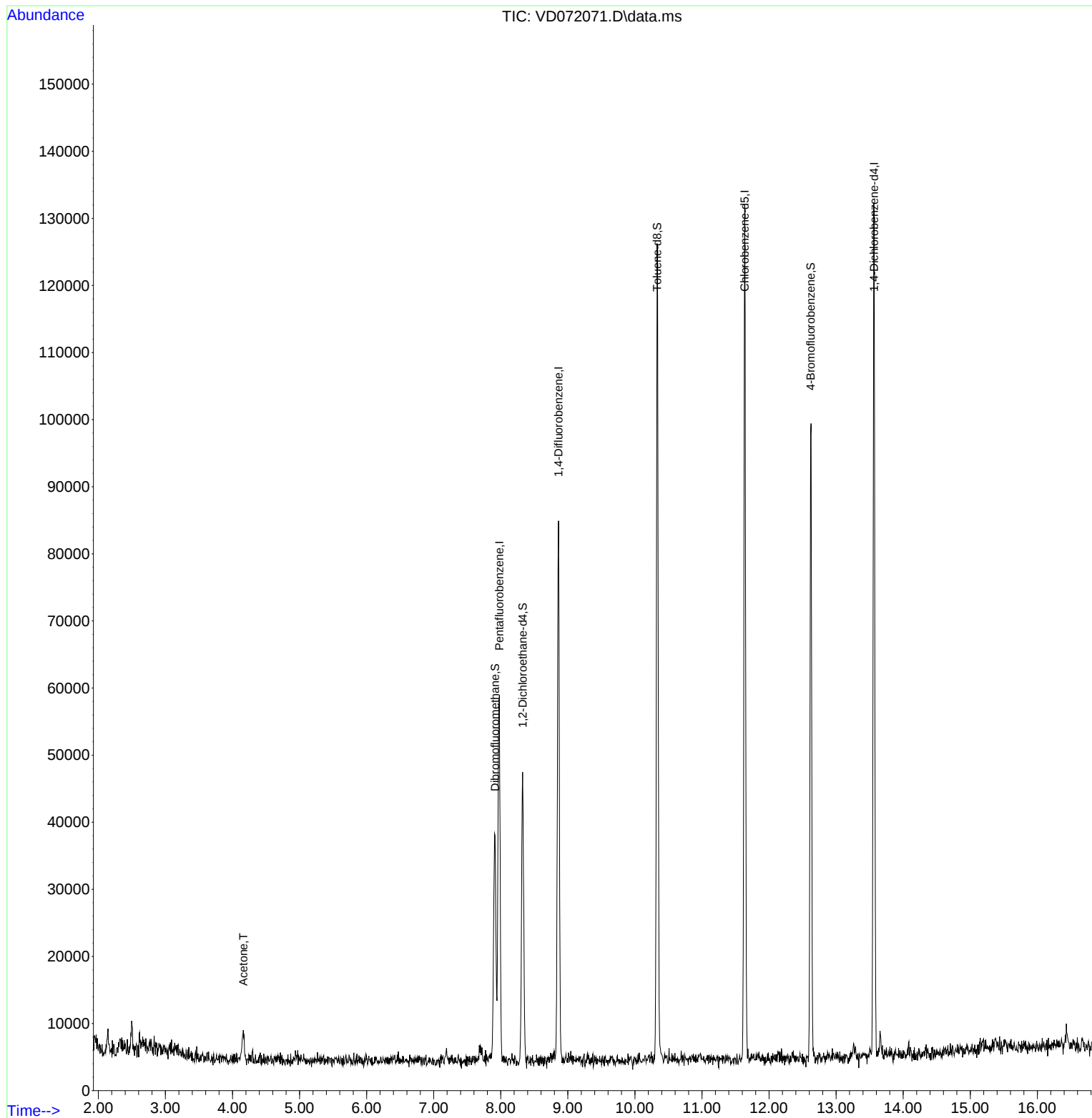
Internal Standards						
1) Pentafluorobenzene	7.979	168	40419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	66173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	73319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	35256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	33609	80.162	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 160.320%	
35) Dibromofluoromethane	7.914	113	24483	61.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.140%	
50) Toluene-d8	10.331	98	79688	53.597	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.200%	
62) 4-Bromofluorobenzene	12.620	95	32661	59.803	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.600%	
Target Compounds						
16) Acetone	4.161	43	6827	75.344	ug/l	Qvalue # 75

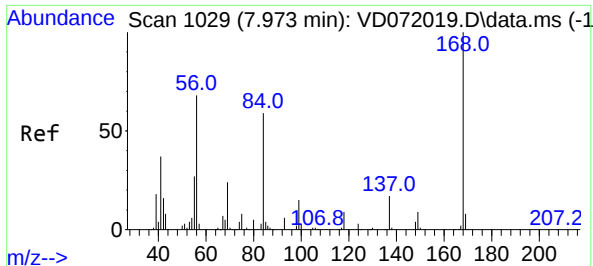
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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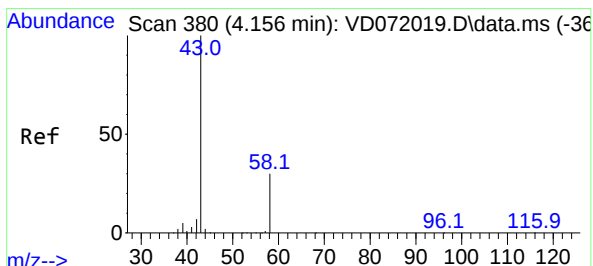
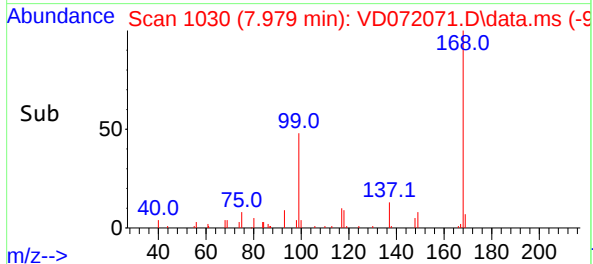
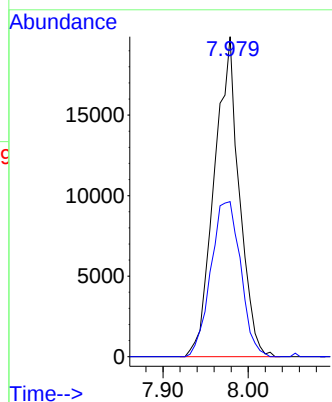
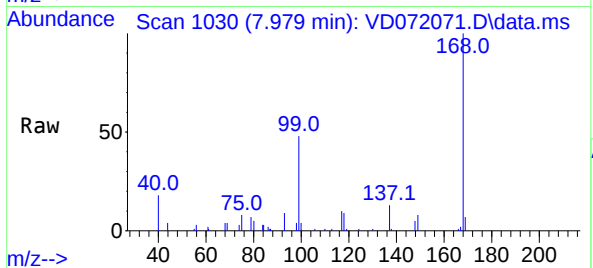




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

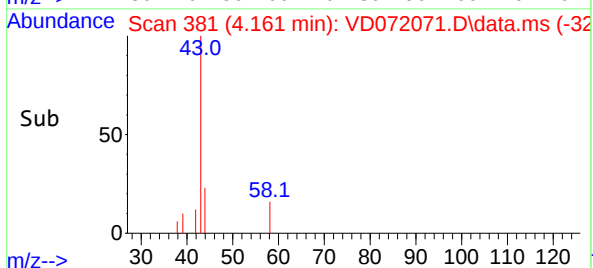
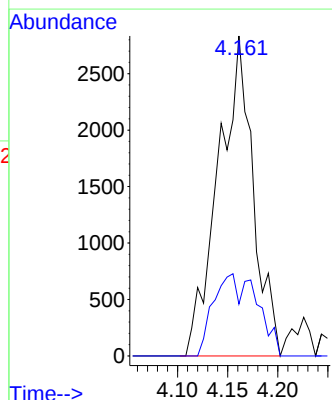
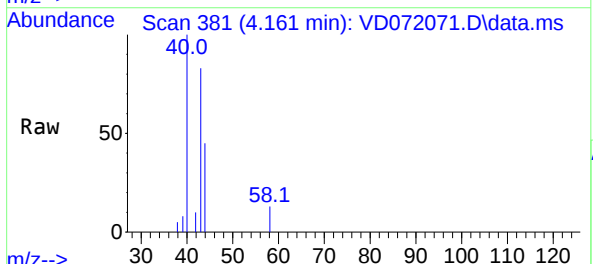
Instrument :
MSVOA_D
ClientSampleId :
BP-3

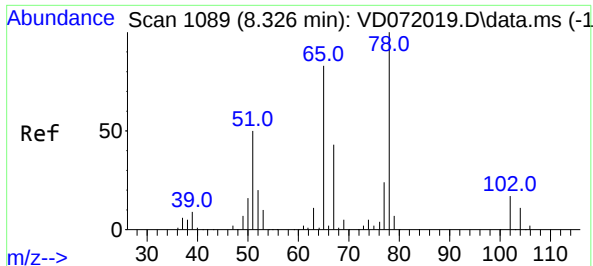
Tgt Ion:168 Resp: 40419
Ion Ratio Lower Upper
168 100
99 48.5 47.1 70.7



#16
Acetone
Concen: 75.344 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

Tgt Ion: 43 Resp: 6827
Ion Ratio Lower Upper
43 100
58 16.2 23.8 35.6#





#33

1,2-Dichloroethane-d4

Concen: 80.162 ug/l

RT: 8.326 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD072071.D

Acq: 23 Feb 2022 12:44

Instrument :

MSVOA_D

ClientSampleId :

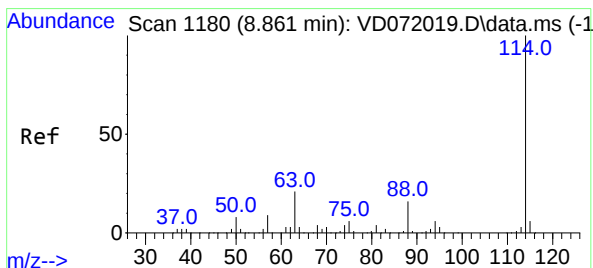
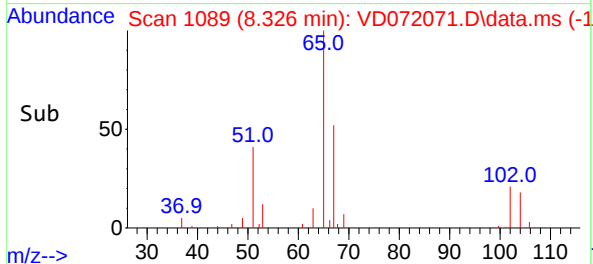
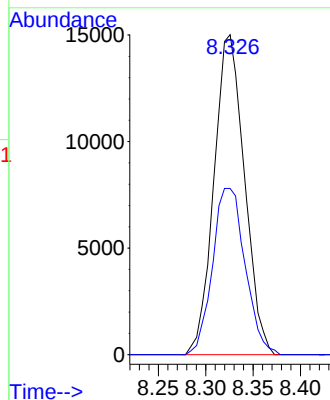
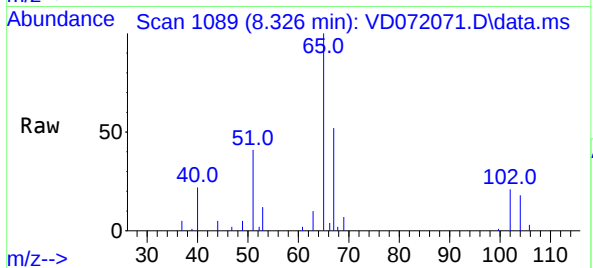
BP-3

Tgt Ion: 65 Resp: 33609

Ion Ratio Lower Upper

65 100

67 55.5 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: VD072071.D

Acq: 23 Feb 2022 12:44

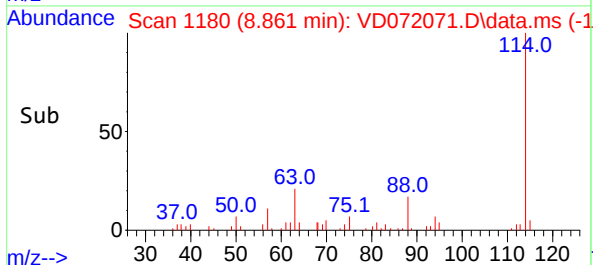
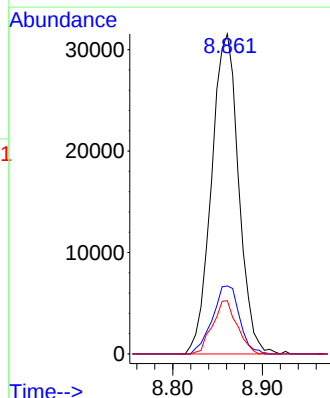
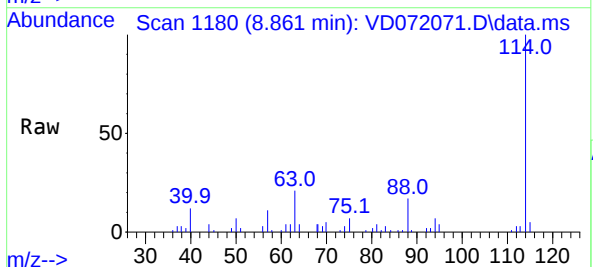
Tgt Ion: 114 Resp: 66173

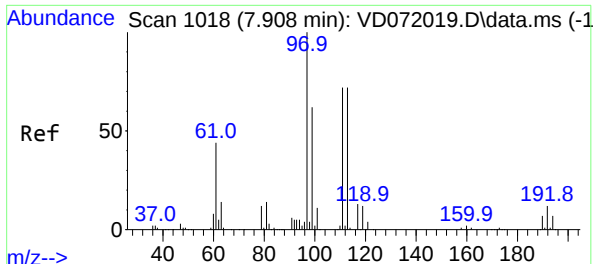
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.2

88 16.7 0.0 31.2

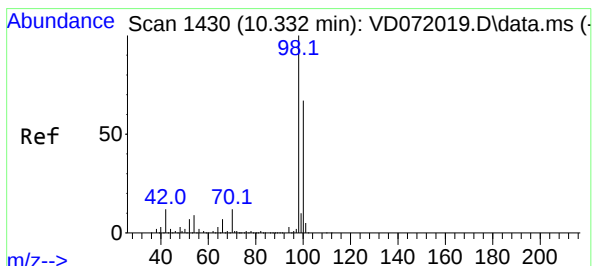
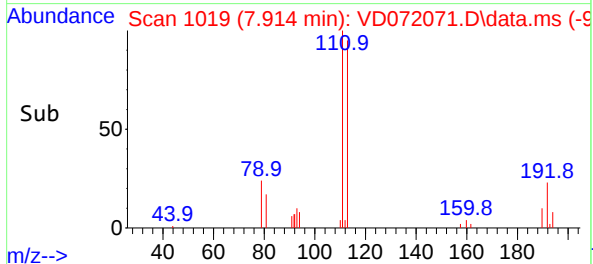
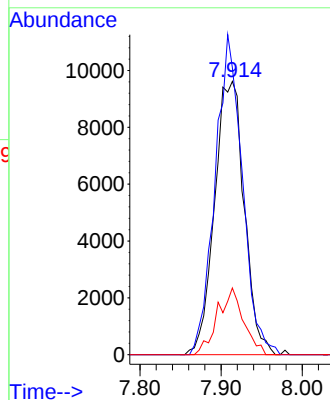
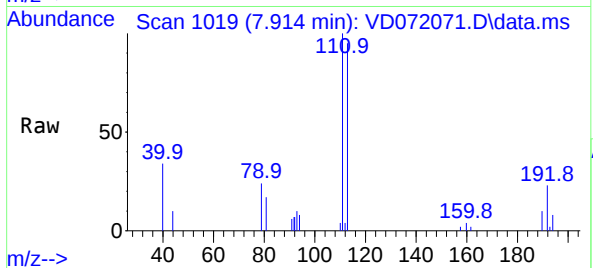




#35
Dibromofluoromethane
Concen: 61.067 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

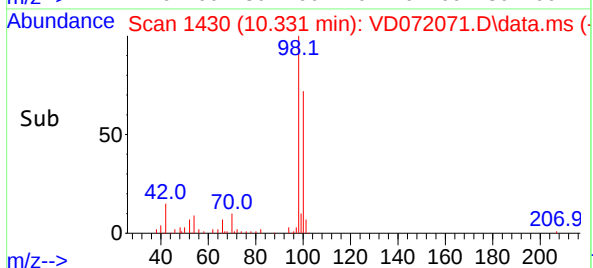
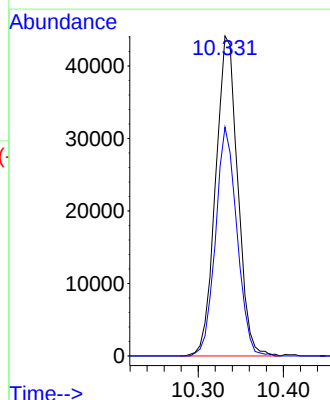
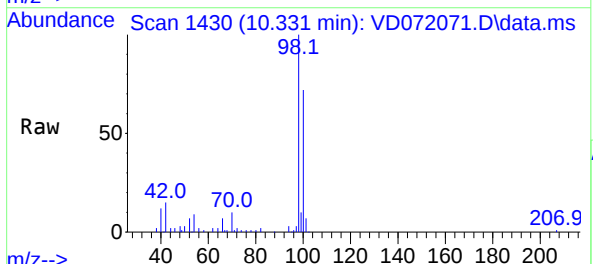
Instrument :
MSVOA_D
ClientSampleId :
BP-3

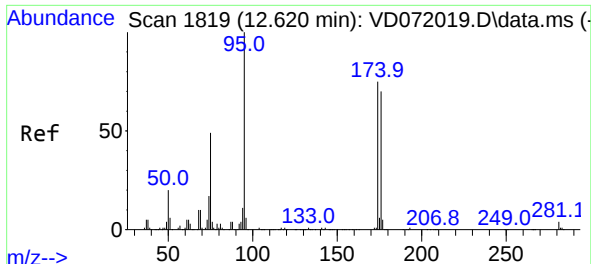
Tgt Ion:113 Resp: 24483
Ion Ratio Lower Upper
113 100
111 107.4 83.0 124.4
192 21.3 15.3 22.9



#50
Toluene-d8
Concen: 53.597 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

Tgt Ion: 98 Resp: 79688
Ion Ratio Lower Upper
98 100
100 69.2 53.8 80.6

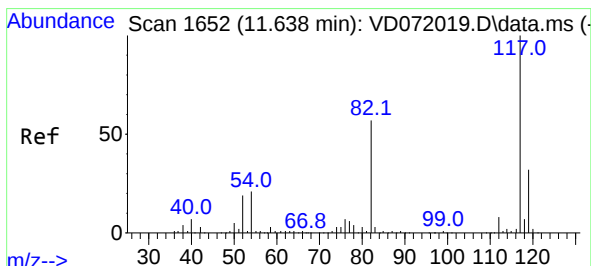
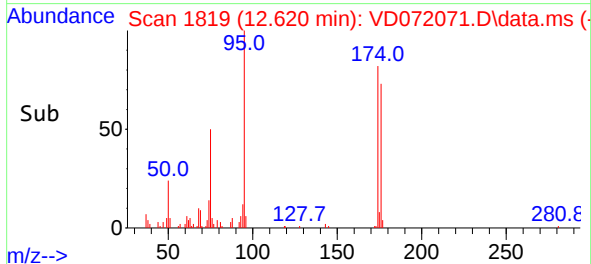
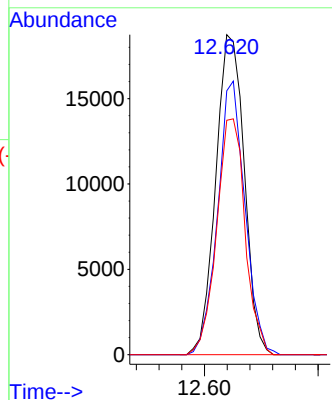
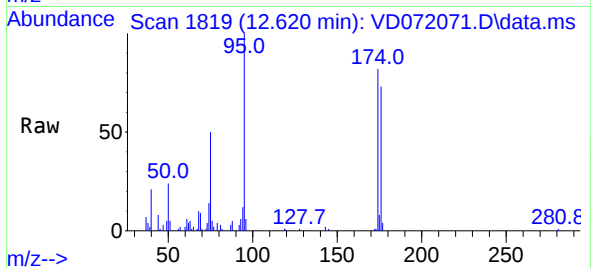




#62
4-Bromofluorobenzene
Concen: 59.803 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

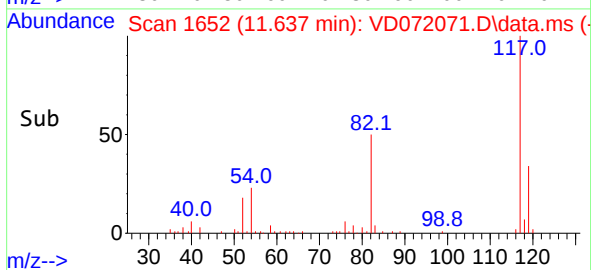
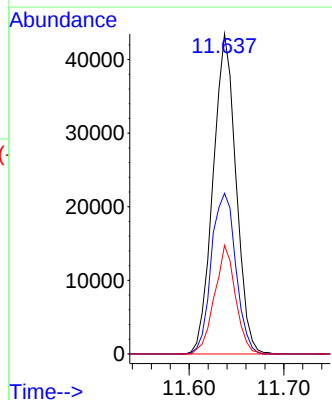
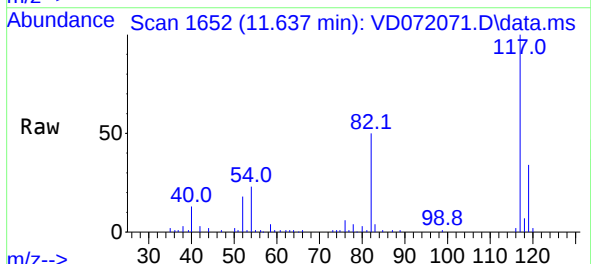
Instrument :
MSVOA_D
ClientSampleId :
BP-3

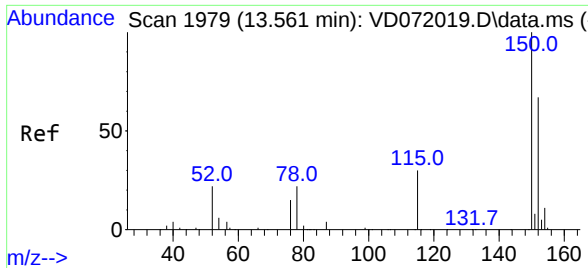
Tgt Ion:	95	Resp:	32661
Ion Ratio	Lower	Upper	
95	100		
174	82.1	0.0	155.0
176	73.6	0.0	148.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072071.D
Acq: 23 Feb 2022 12:44

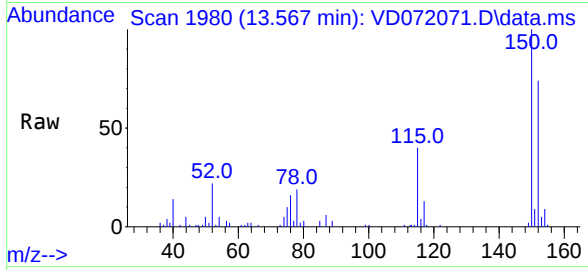
Tgt Ion:	117	Resp:	73319
Ion Ratio	Lower	Upper	
117	100		
82	50.2	45.4	68.0
119	33.9	25.4	38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.006 min
 Lab File: VD072071.D
 Acq: 23 Feb 2022 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-3



Tgt Ion:152 Resp: 35256

Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.9	89.7
150	152.1	0.0	347.6

