

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073284.D
 Acq On : 23 May 2022 15:46
 Operator : VA/SY
 Sample : N2960-03
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BIN-4-SP-2

Quant Time: May 24 03:27:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

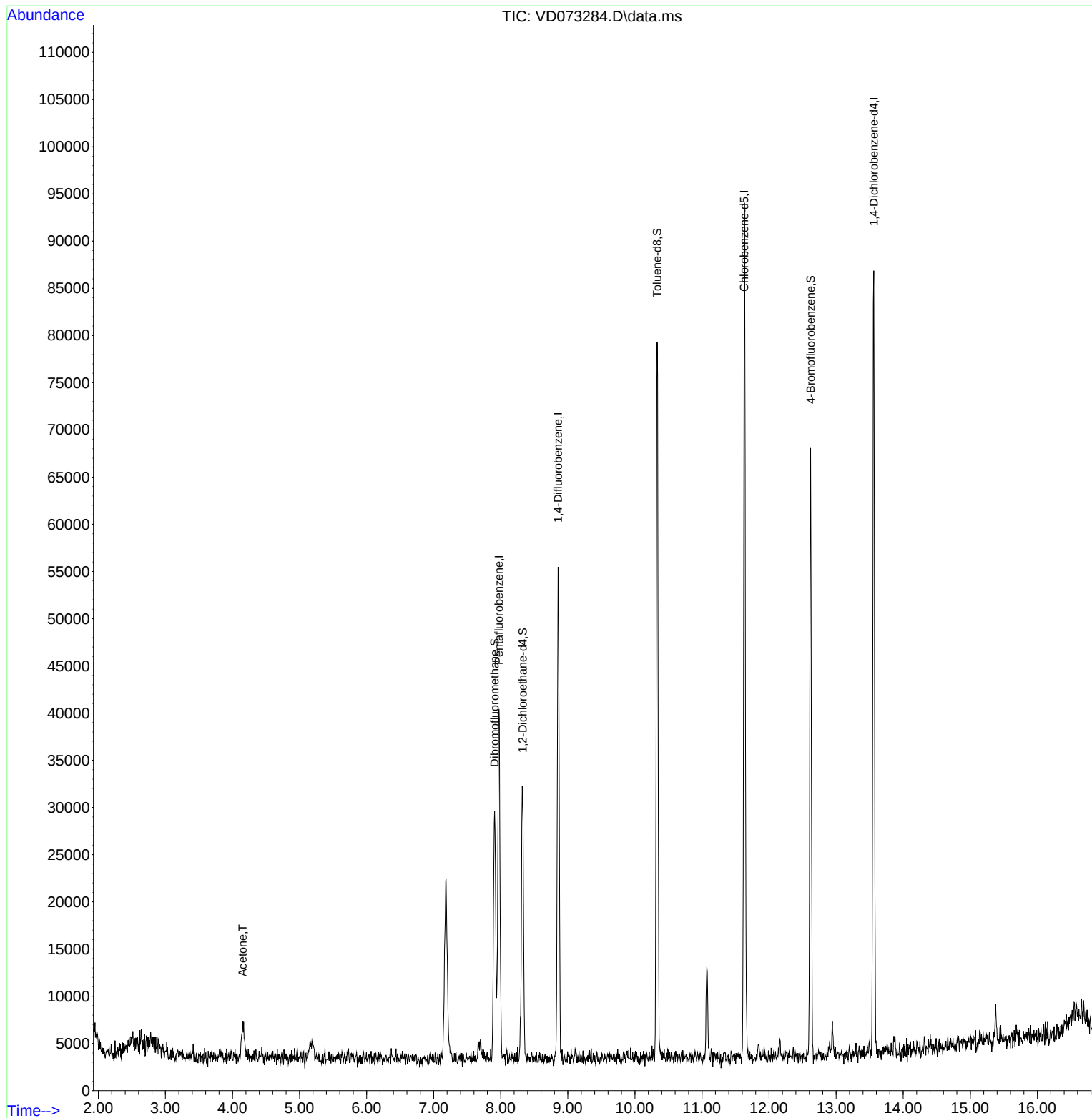
Internal Standards						
1) Pentafluorobenzene	7.973	168	26353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	42914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	51440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	22423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	23109	79.347	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	158.700%	
35) Dibromofluoromethane	7.908	113	18899	66.740	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	133.480%	
50) Toluene-d8	10.332	98	55559	53.225	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	106.440%	
62) 4-Bromofluorobenzene	12.620	95	21321	58.201	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	116.400%	
Target Compounds						
16) Acetone	4.150	43	7193	142.590	ug/l	Qvalue 99

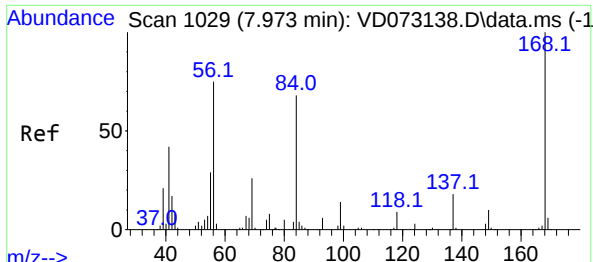
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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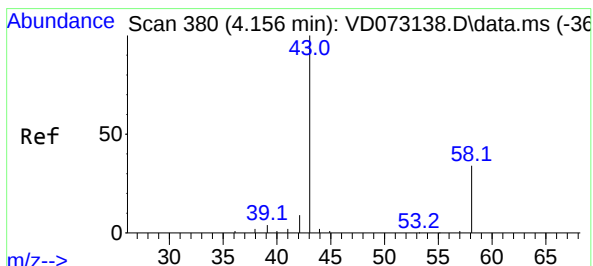
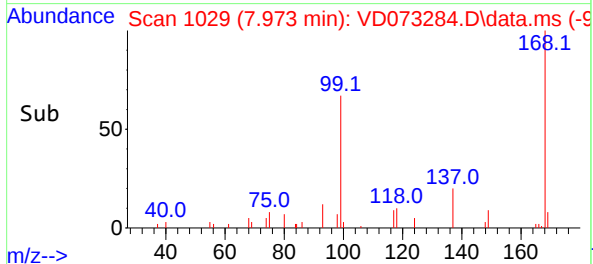
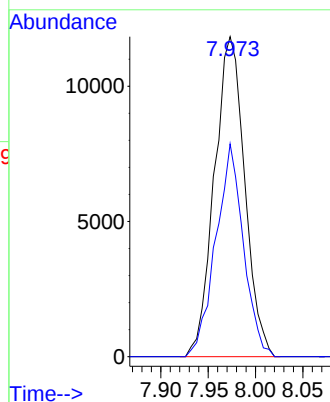
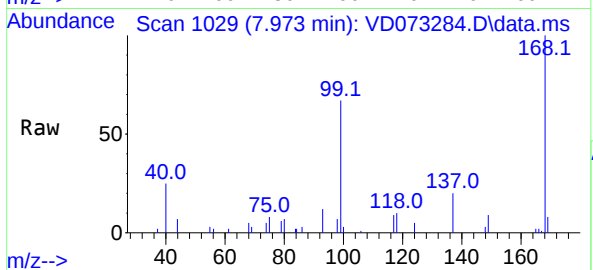




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073284.D
Acq: 23 May 2022 15:46

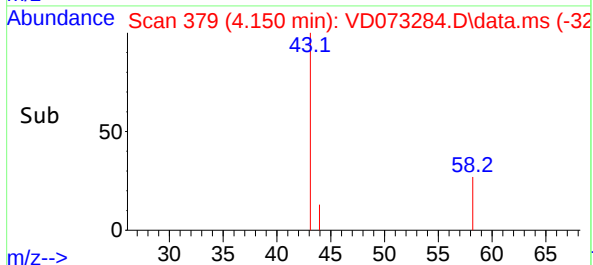
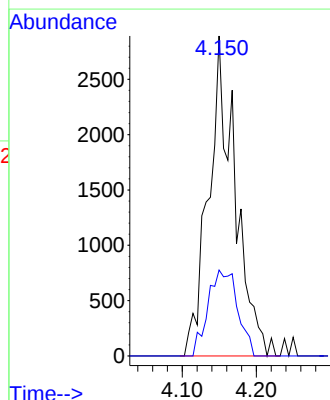
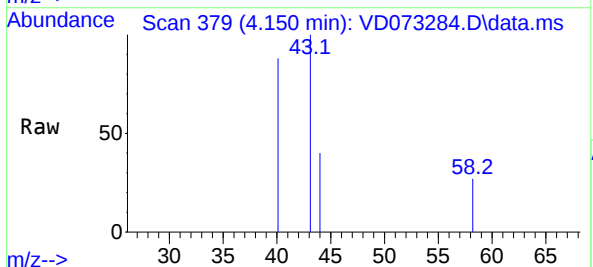
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-2

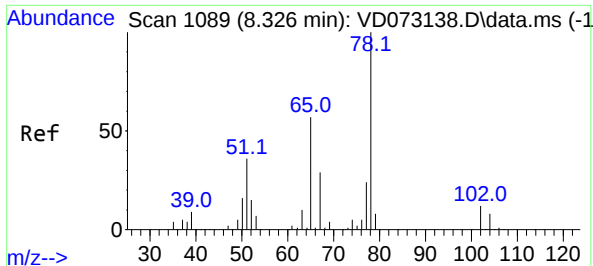
Tgt Ion:168 Resp: 26353
Ion Ratio Lower Upper
168 100
99 66.5 49.8 74.6



#16
Acetone
Concen: 142.590 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073284.D
Acq: 23 May 2022 15:46

Tgt Ion: 43 Resp: 7193
Ion Ratio Lower Upper
43 100
58 26.8 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 79.347 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073284.D

Acq: 23 May 2022 15:46

Instrument :

MSVOA_D

ClientSampleId :

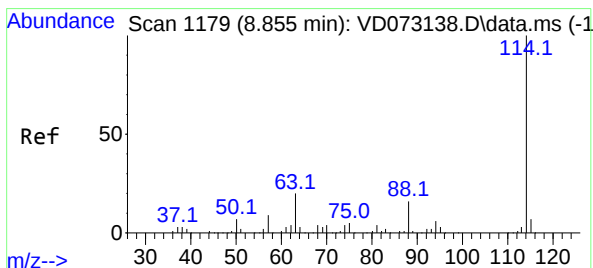
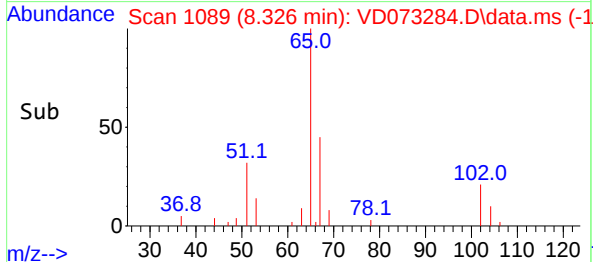
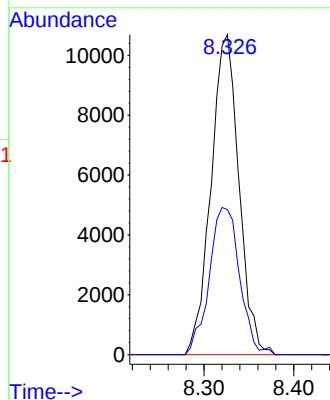
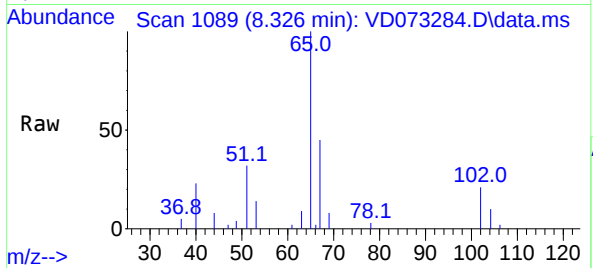
BIN-4-SP-2

Tgt Ion: 65 Resp: 23109

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073284.D

Acq: 23 May 2022 15:46

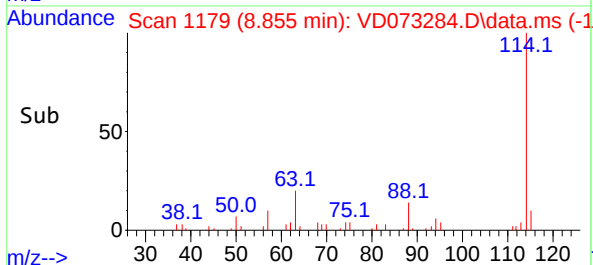
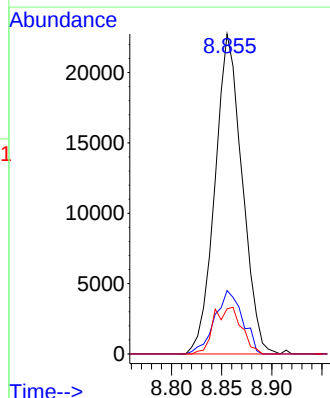
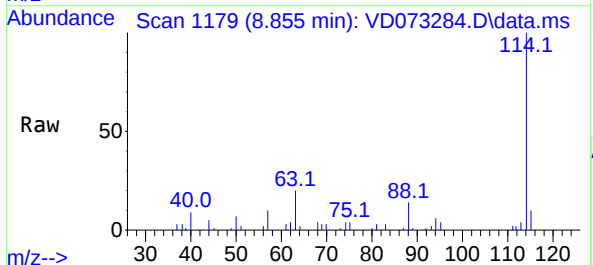
Tgt Ion: 114 Resp: 42914

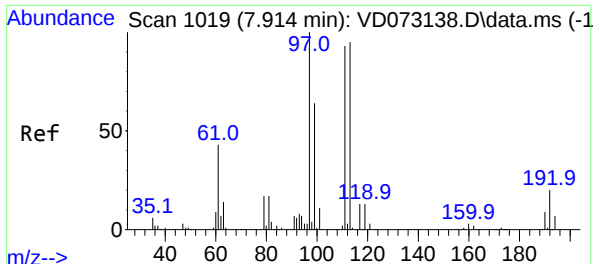
Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 14.1 0.0 33.2

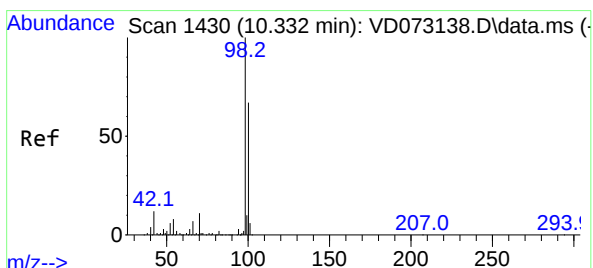
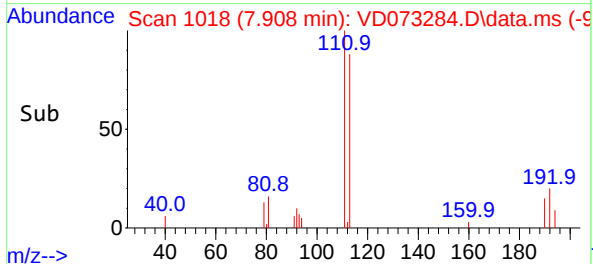
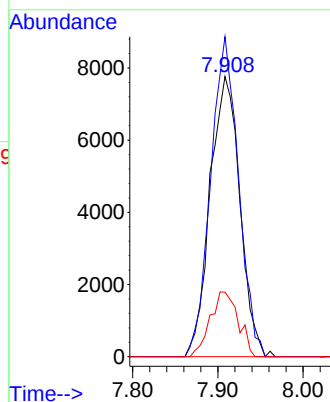
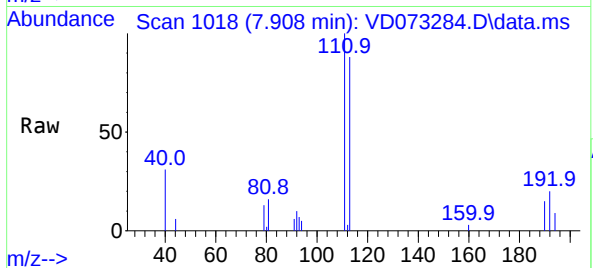




#35
Dibromofluoromethane
Concen: 66.740 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073284.D
Acq: 23 May 2022 15:46

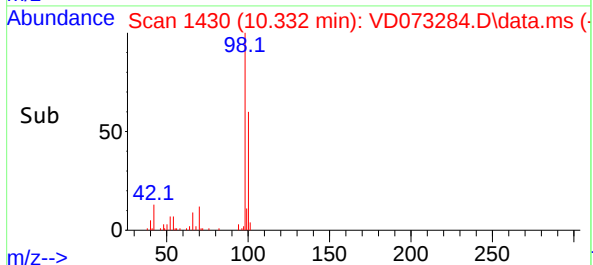
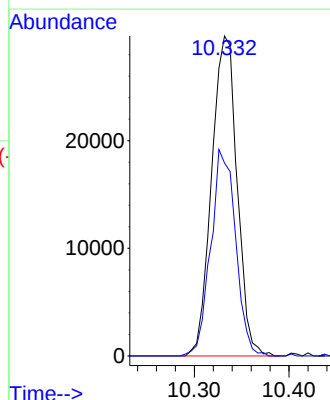
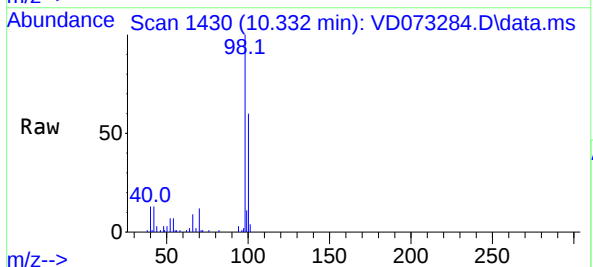
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-2

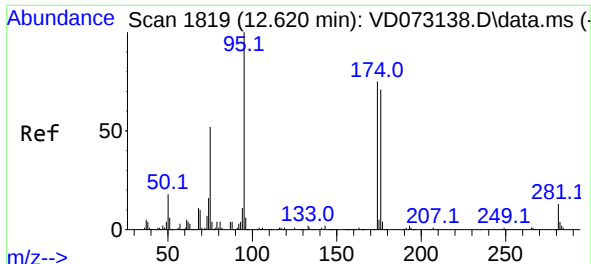
Tgt Ion:113 Resp: 18899
Ion Ratio Lower Upper
113 100
111 106.5 83.8 125.6
192 21.8 14.6 21.8



#50
Toluene-d8
Concen: 53.225 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073284.D
Acq: 23 May 2022 15:46

Tgt Ion: 98 Resp: 55559
Ion Ratio Lower Upper
98 100
100 62.9 52.4 78.6

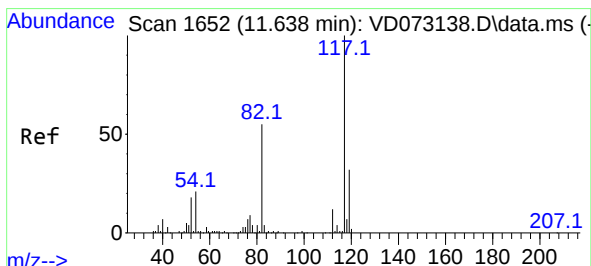
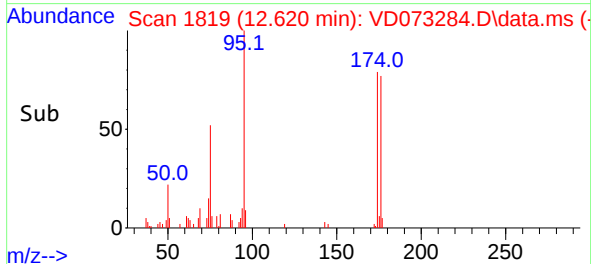
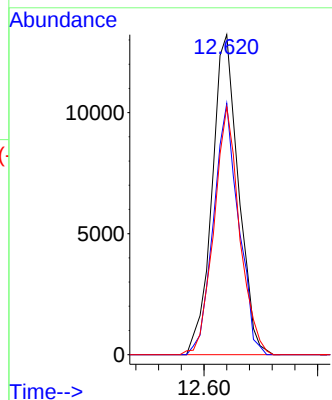
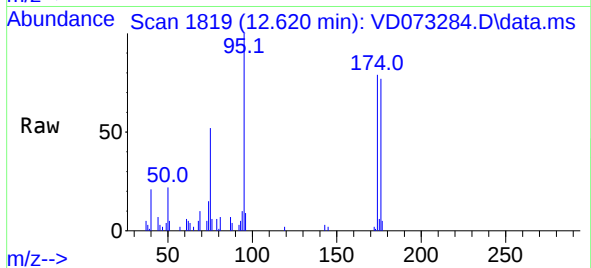




#62
4-Bromofluorobenzene
Concen: 58.201 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073284.D
Acq: 23 May 2022 15:46

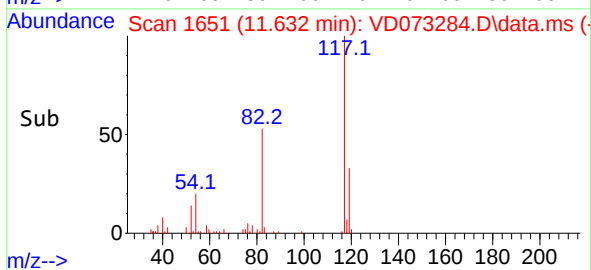
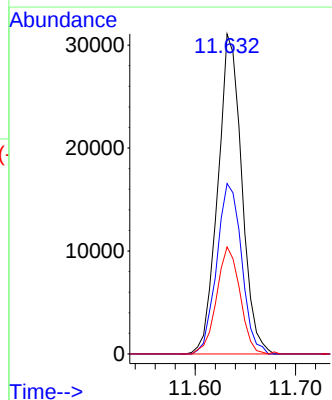
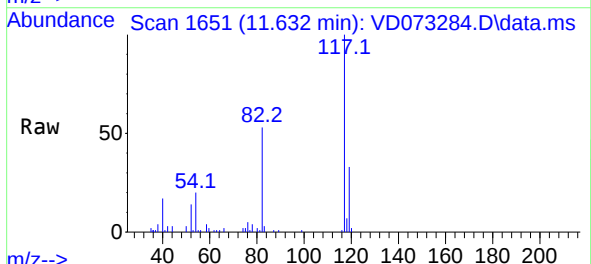
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-2

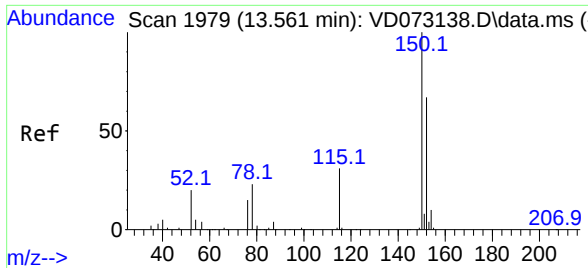
Tgt Ion:	95	Resp:	21321
Ion Ratio	Lower	Upper	
95	100		
174	74.8	0.0	152.8
176	75.2	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073284.D
Acq: 23 May 2022 15:46

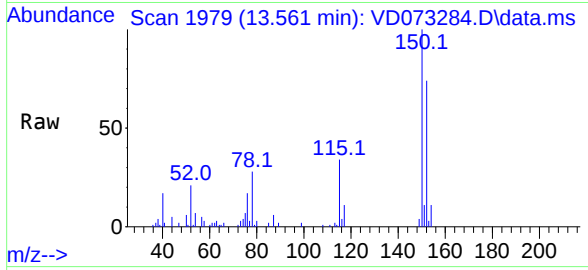
Tgt Ion:	117	Resp:	51440
Ion Ratio	Lower	Upper	
117	100		
82	53.2	45.3	67.9
119	33.5	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073284.D
 Acq: 23 May 2022 15:46

Instrument :
 MSVOA_D
 ClientSampleId :
 BIN-4-SP-2



Tgt Ion:	152	Resp:	22423
Ion	Ratio	Lower	Upper
152	100		
115	57.1	31.3	93.8
150	154.0	0.0	348.6

