

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072820.D
 Acq On : 05 May 2022 20:03
 Operator : VA/SY
 Sample : N2649-01
 Misc : 6.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: May 06 03:52:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

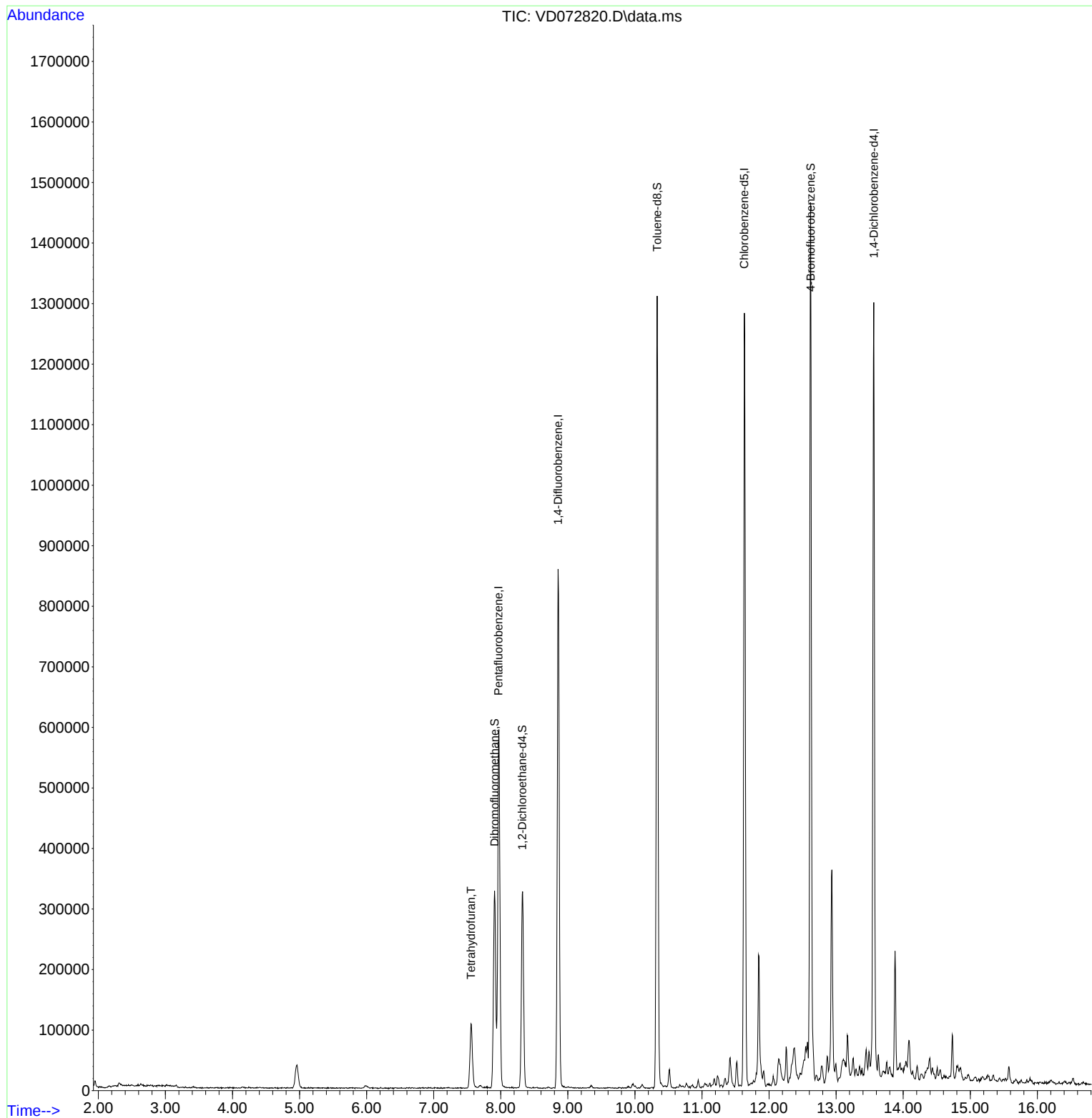
Internal Standards						
1) Pentafluorobenzene	7.967	168	395833	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.855	114	698014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	687088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	311962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	267752	52.110	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.220%	
35) Dibromofluoromethane	7.908	113	235614	48.063	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.120%	
50) Toluene-d8	10.332	98	857760	48.779	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.560%	
62) 4-Bromofluorobenzene	12.620	95	348244	53.111	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.220%	
Target Compounds						
29) Tetrahydrofuran	7.556	42	79691	83.510	ug/l	Qvalue 96

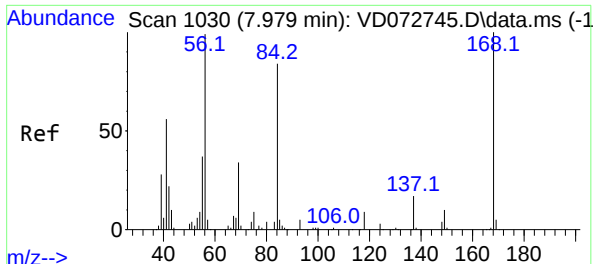
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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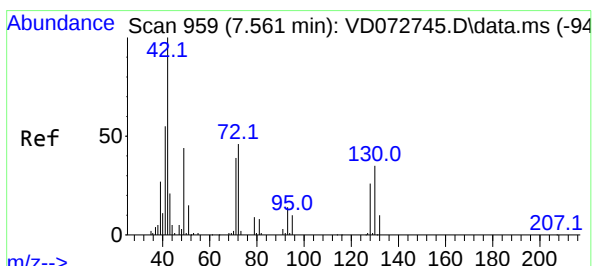
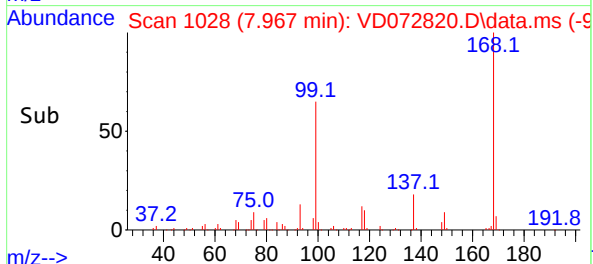
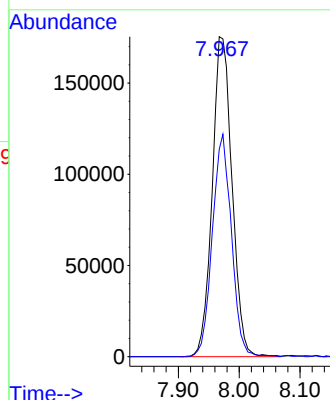
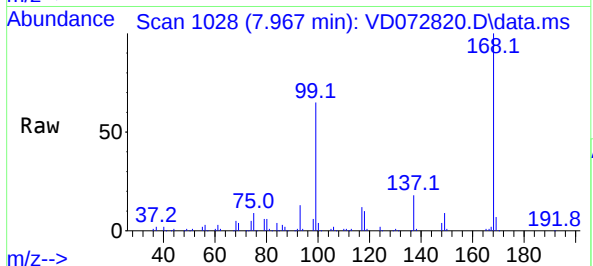




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD072820.D
Acq: 05 May 2022 20:03

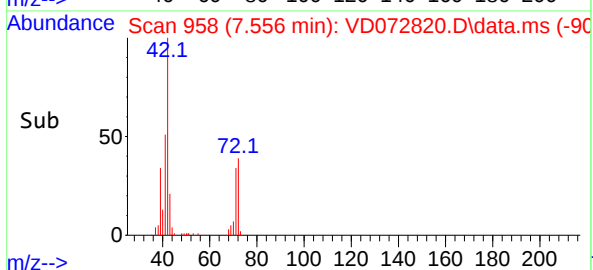
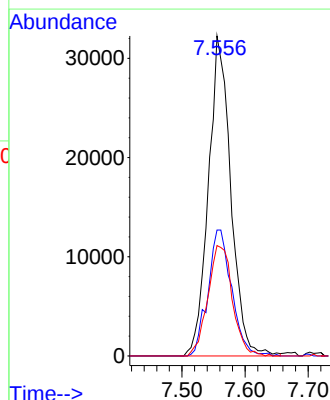
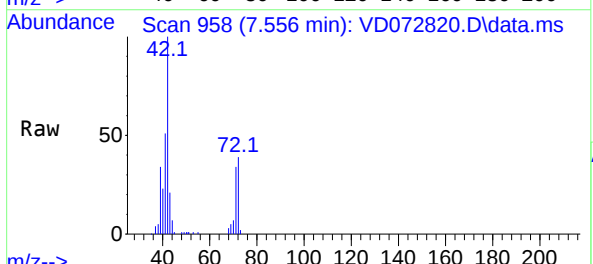
Instrument :
MSVOA_D
ClientSampleId :
WC-1

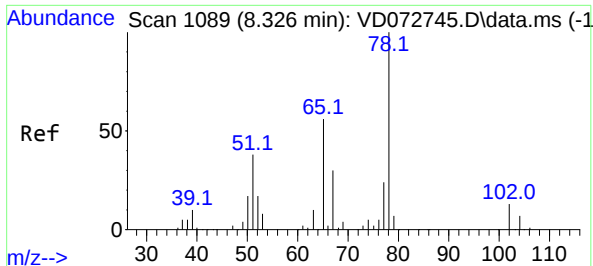
Tgt Ion:168 Resp: 395833
Ion Ratio Lower Upper
168 100
99 64.8 49.8 74.6



#29
Tetrahydrofuran
Concen: 83.510 ug/l
RT: 7.556 min Scan# 958
Delta R.T. -0.005 min
Lab File: VD072820.D
Acq: 05 May 2022 20:03

Tgt Ion: 42 Resp: 79691
Ion Ratio Lower Upper
42 100
72 41.6 30.7 46.1
71 37.7 28.6 43.0





#33

1,2-Dichloroethane-d4

Concen: 52.110 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD072820.D

Acq: 05 May 2022 20:03

Instrument :

MSVOA_D

ClientSampleId :

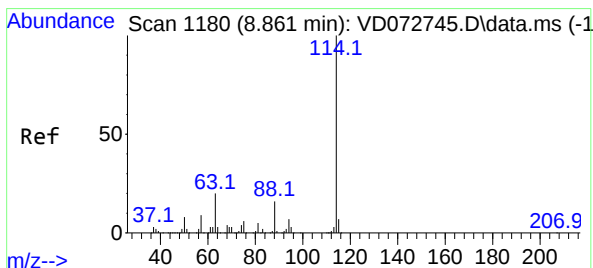
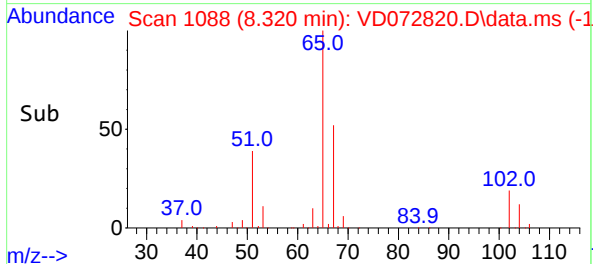
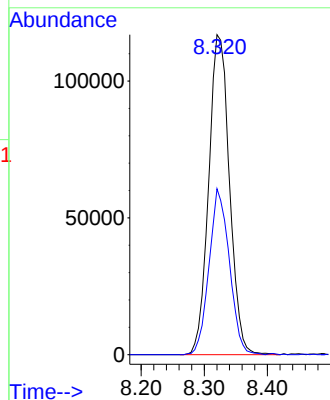
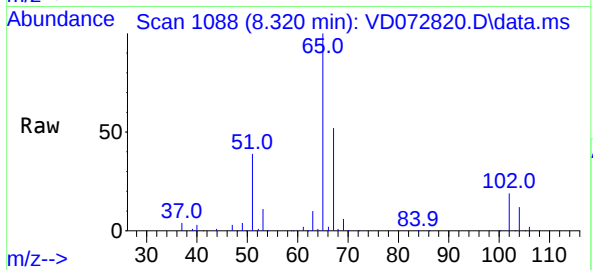
WC-1

Tgt Ion: 65 Resp: 267752

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072820.D

Acq: 05 May 2022 20:03

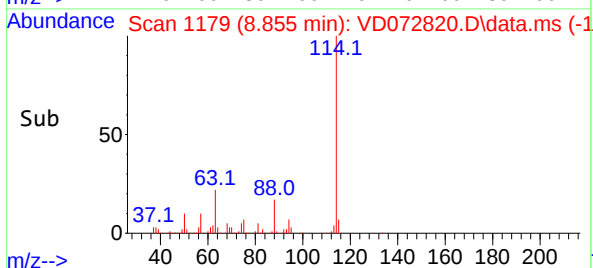
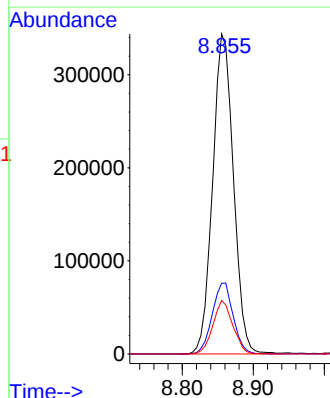
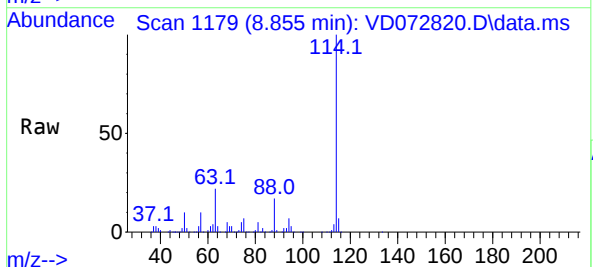
Tgt Ion: 114 Resp: 698014

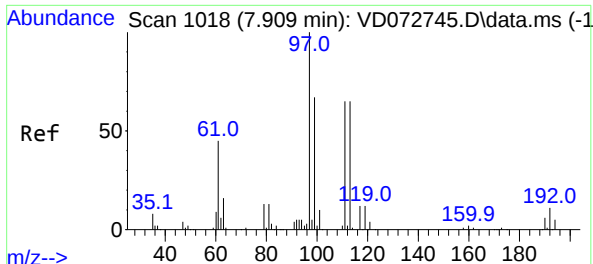
Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.6

88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.063 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072820.D

Acq: 05 May 2022 20:03

Instrument :

MSVOA_D

ClientSampleId :

WC-1

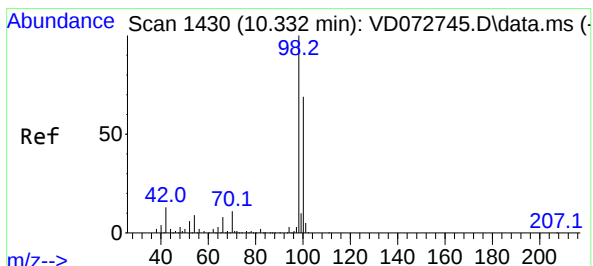
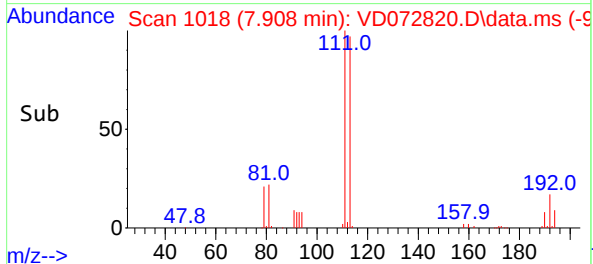
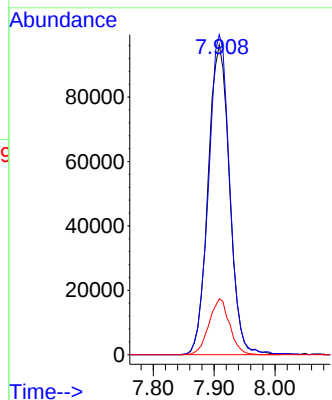
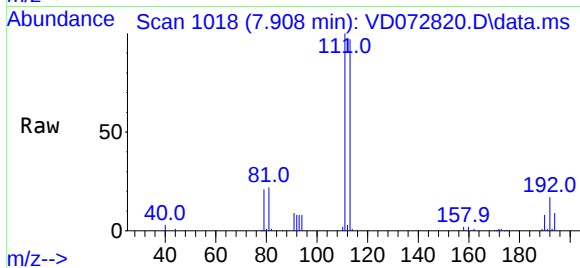
Tgt Ion:113 Resp: 235614

Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 17.3 14.6 21.8



#50

Toluene-d8

Concen: 48.779 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072820.D

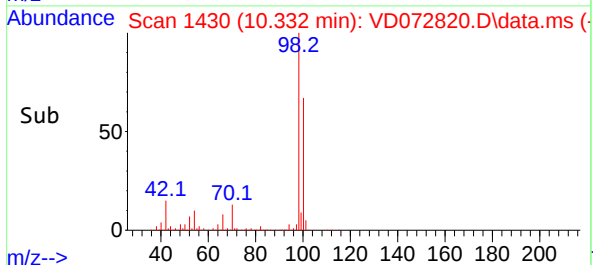
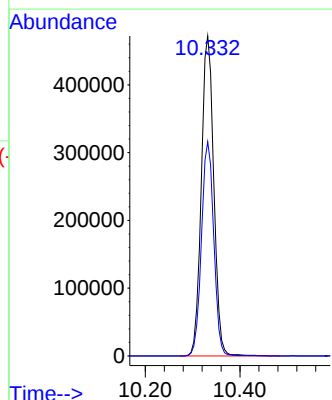
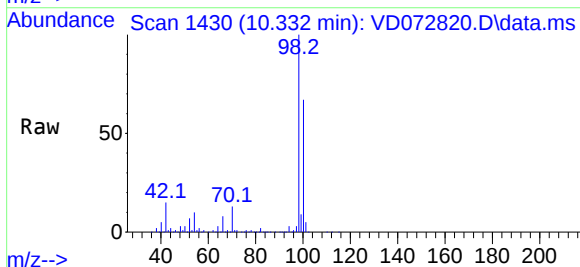
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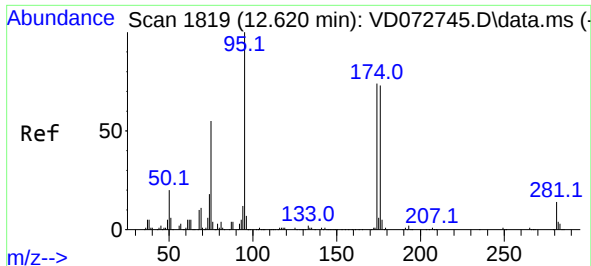
Tgt Ion: 98 Resp: 857760

Ion Ratio Lower Upper

98 100

100 66.1 52.4 78.6

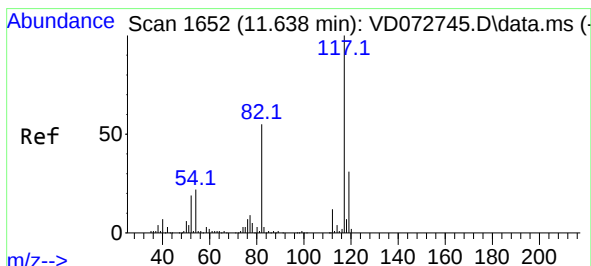
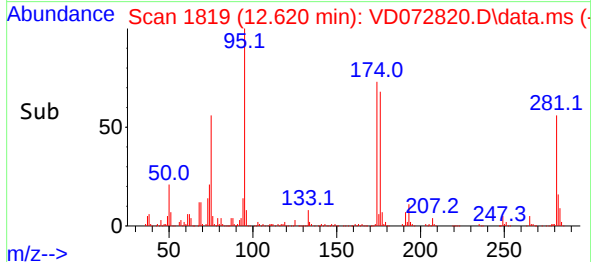
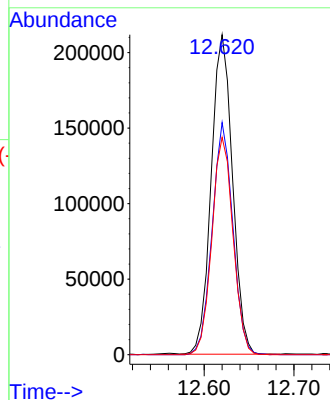
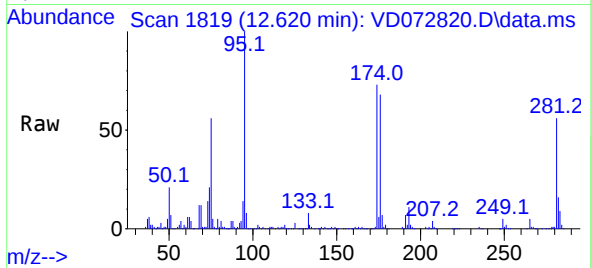




#62
4-Bromofluorobenzene
Concen: 53.111 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072820.D
Acq: 05 May 2022 20:03

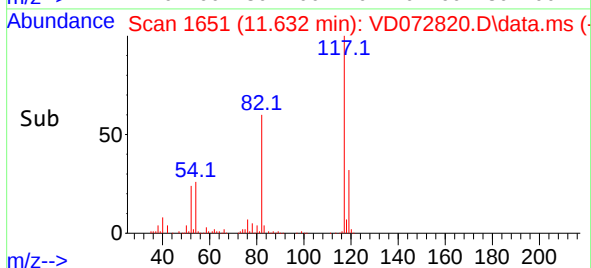
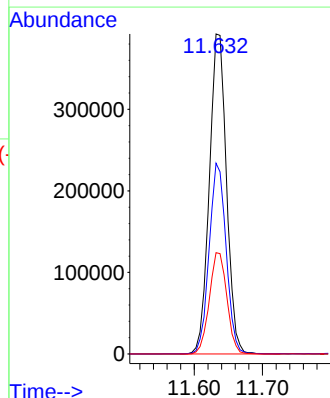
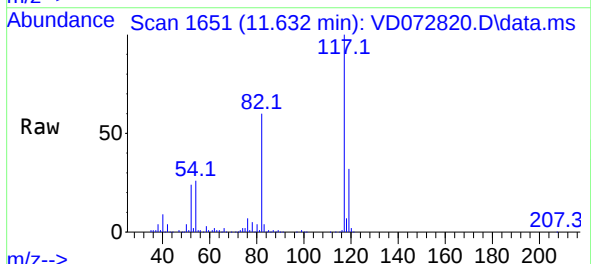
Instrument :
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ClientSampleId :
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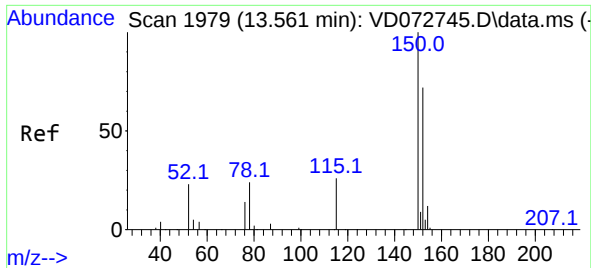
Tgt Ion: 95 Resp: 348244
Ion Ratio Lower Upper
95 100
174 70.5 0.0 152.8
176 67.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072820.D
Acq: 05 May 2022 20:03

Tgt Ion: 117 Resp: 687088
Ion Ratio Lower Upper
117 100
82 59.5 45.3 67.9
119 31.7 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: VD072820.D
Acq: 05 May 2022 20:03

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Tgt Ion:152 Resp: 311962
Ion Ratio Lower Upper
152 100
115 63.7 31.3 93.8
150 156.1 0.0 348.6

