

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122121\
 Data File : VD071421.D
 Acq On : 21 Dec 2021 20:08
 Operator : VA/SY
 Sample : M5182-05
 Misc : 6.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HB-2-(20-25)-12-17-21

Quant Time: Dec 21 21:12:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

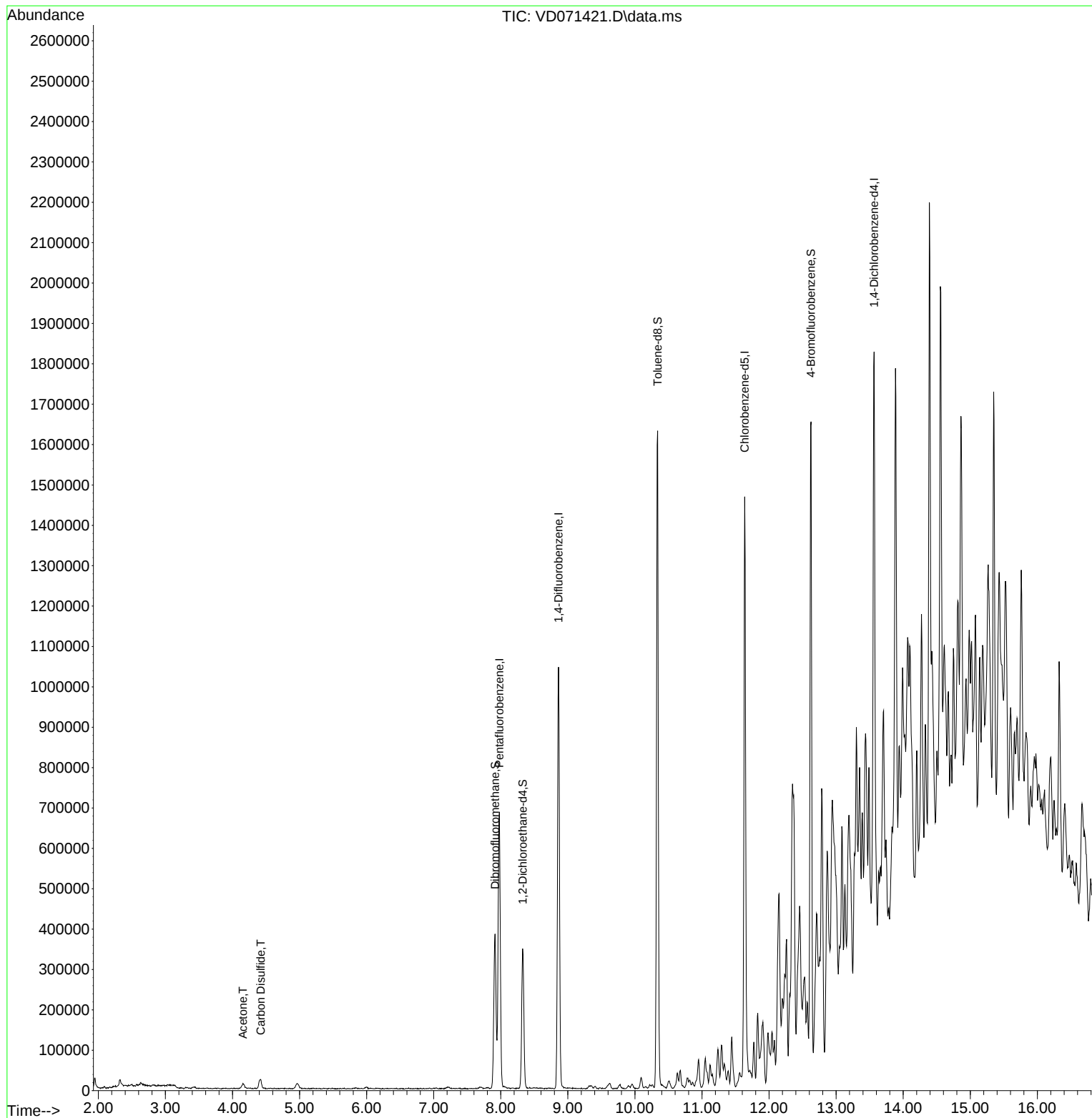
Internal Standards						
1) Pentafluorobenzene	7.979	168	484997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	851215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	760367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	346104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	273510	48.061	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.120%		
35) Dibromofluoromethane	7.914	113	266275	49.124	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.240%		
50) Toluene-d8	10.338	98	1069577	51.852	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.700%		
62) 4-Bromofluorobenzene	12.626	95	369087	51.619	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.240%		
Target Compounds						
16) Acetone	4.156	43	20700	42.807	ug/l	95
17) Carbon Disulfide	4.420	76	45986	3.488	ug/l	99

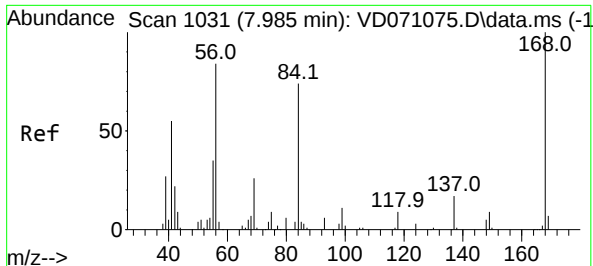
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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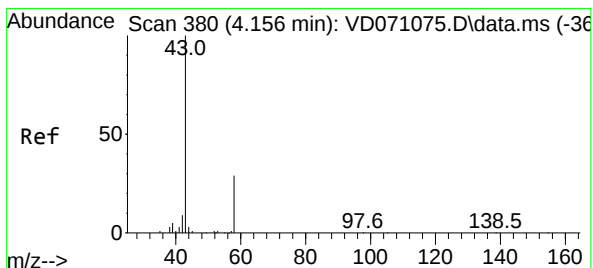
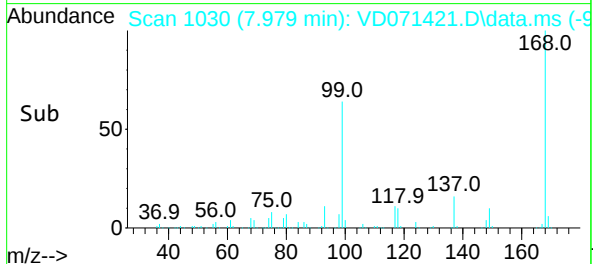
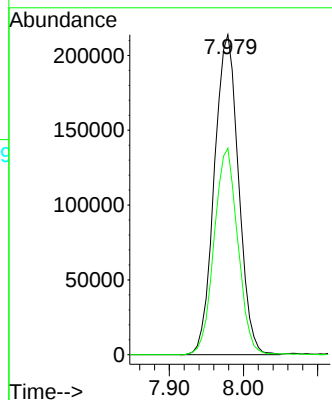
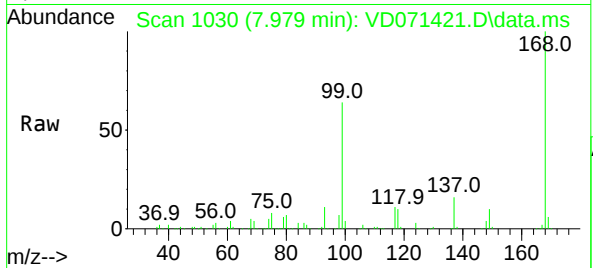




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071421.D
Acq: 21 Dec 2021 20:08

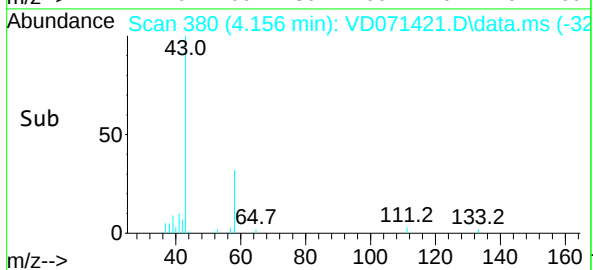
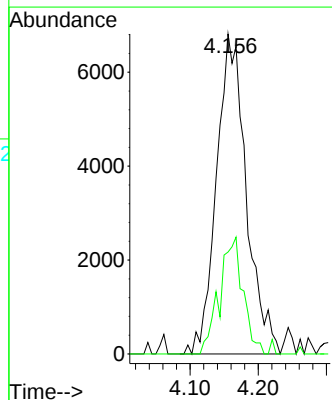
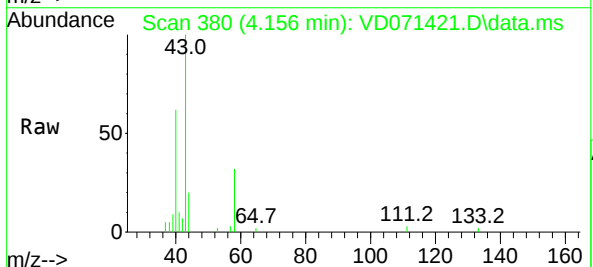
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21

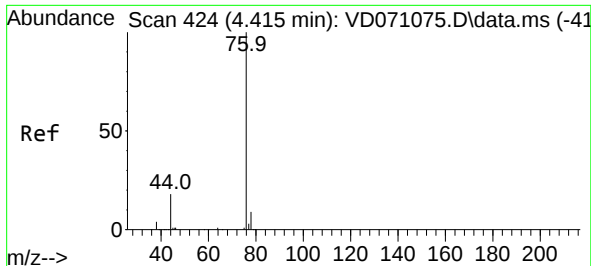
Tgt Ion:168 Resp: 484997
Ion Ratio Lower Upper
168 100
99 64.5 46.6 69.8



#16
Acetone
Concen: 42.807 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071421.D
Acq: 21 Dec 2021 20:08

Tgt Ion: 43 Resp: 20700
Ion Ratio Lower Upper
43 100
58 31.9 27.8 41.8

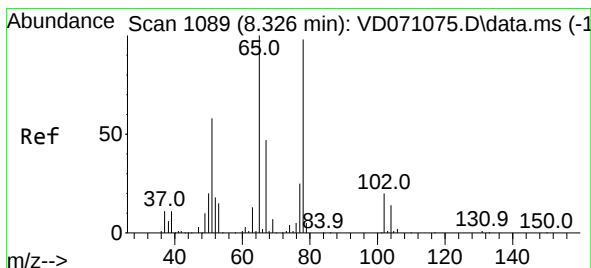
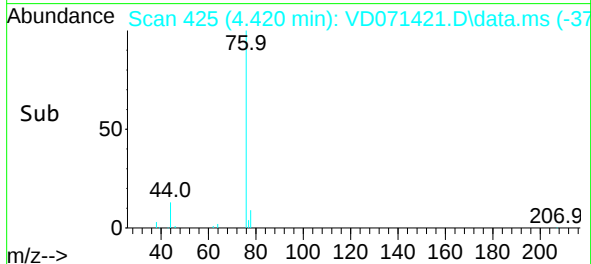
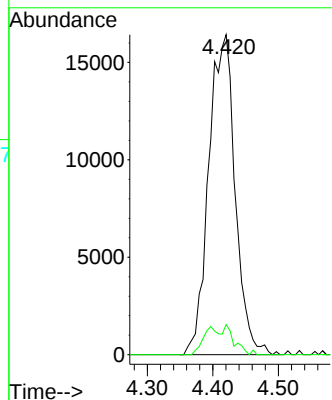
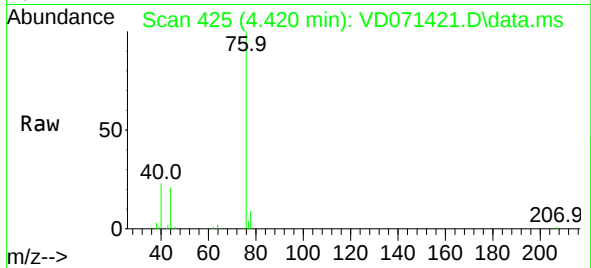




#17
Carbon Disulfide
Concen: 3.488 ug/l
RT: 4.420 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD071421.D
Acq: 21 Dec 2021 20:08

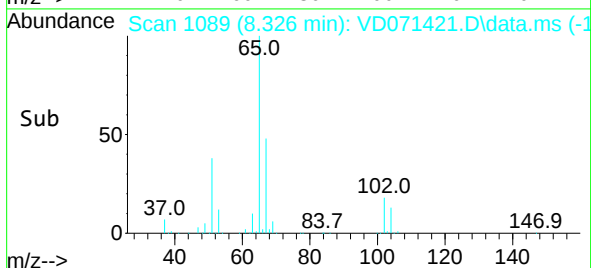
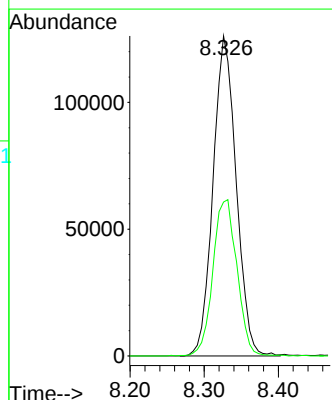
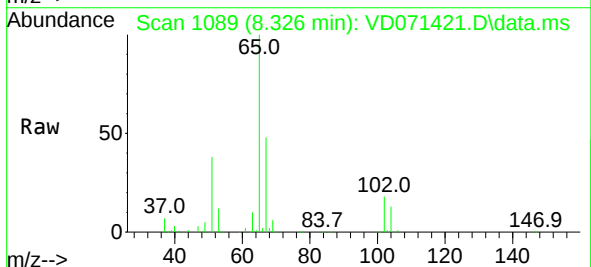
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21

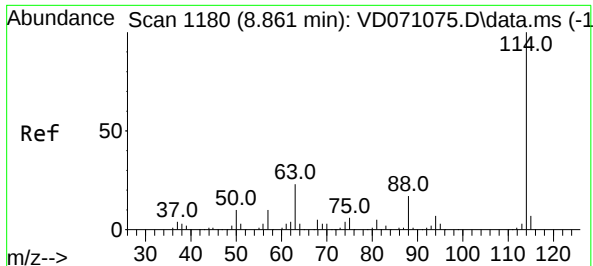
Tgt Ion: 76 Resp: 45986
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8



#33
1,2-Dichloroethane-d4
Concen: 48.061 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071421.D
Acq: 21 Dec 2021 20:08

Tgt Ion: 65 Resp: 273510
Ion Ratio Lower Upper
65 100
67 50.9 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071421.D

Acq: 21 Dec 2021 20:08

Instrument :

MSVOA_D

ClientSampleId :

HB-2-(20-25)-12-17-21

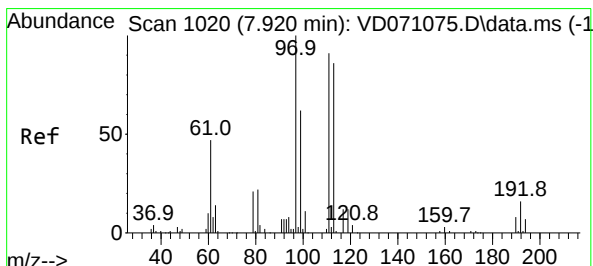
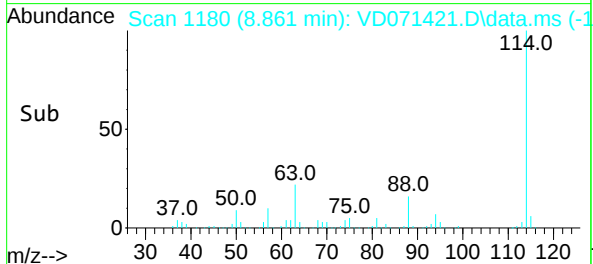
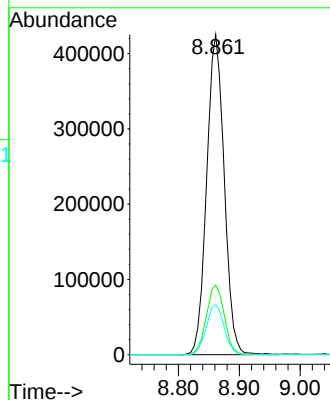
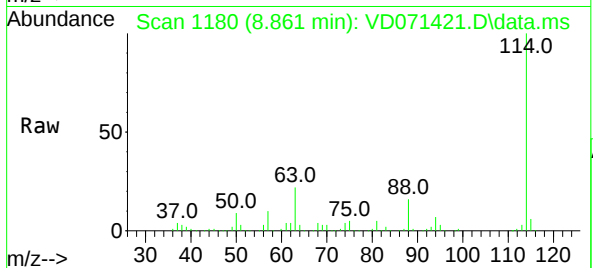
Tgt Ion:114 Resp: 851215

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.8

88 15.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.124 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071421.D

Acq: 21 Dec 2021 20:08

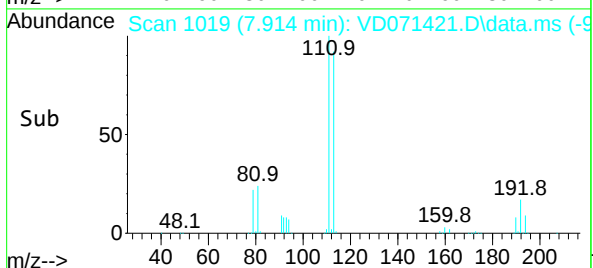
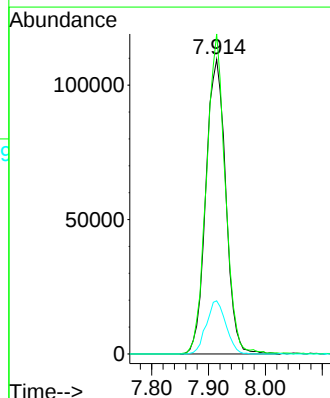
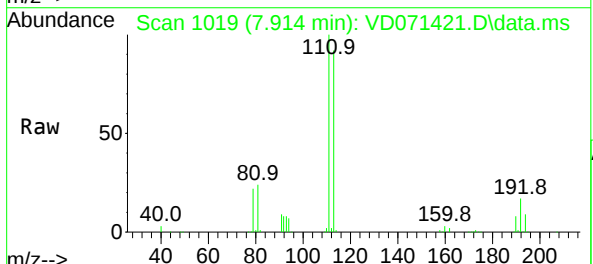
Tgt Ion:113 Resp: 266275

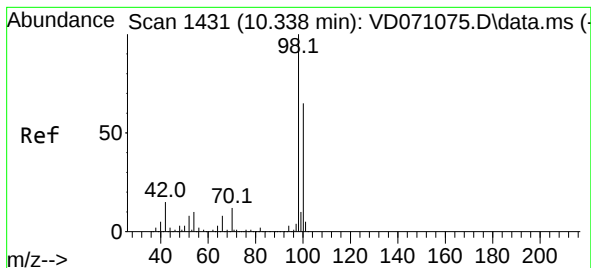
Ion Ratio Lower Upper

113 100

111 103.3 82.0 123.0

192 17.8 15.2 22.8





#50

Toluene-d8

Concen: 51.852 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071421.D

Acq: 21 Dec 2021 20:08

Instrument :

MSVOA_D

ClientSampleId :

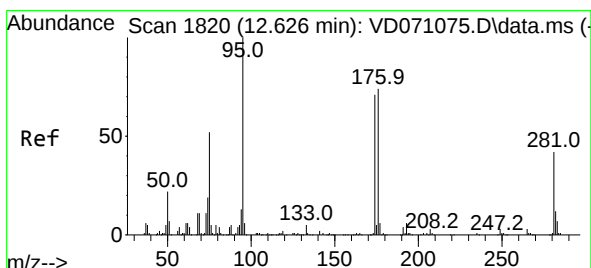
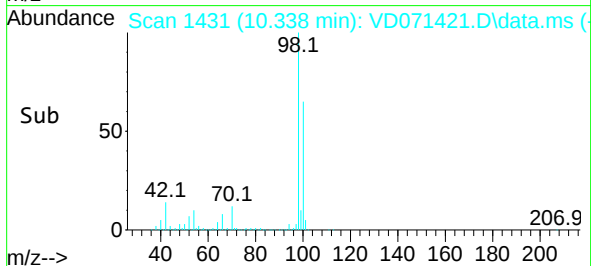
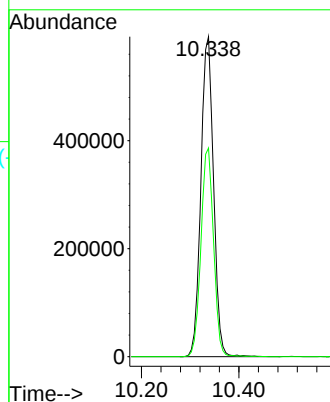
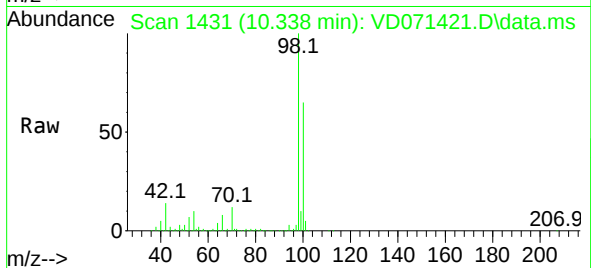
HB-2-(20-25)-12-17-21

Tgt Ion: 98 Resp: 1069577

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 51.619 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. -0.000 min

Lab File: VD071421.D

Acq: 21 Dec 2021 20:08

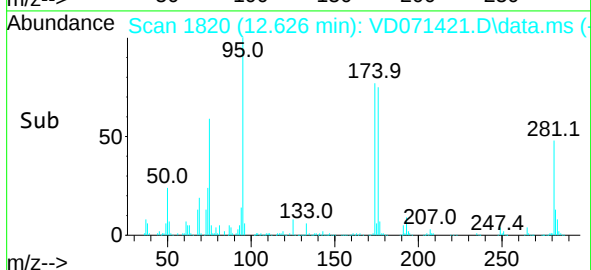
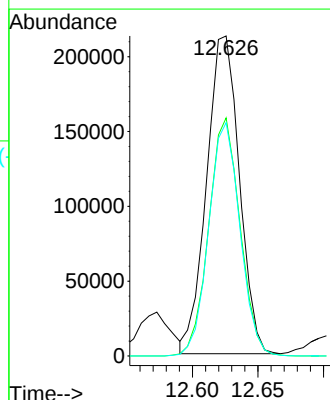
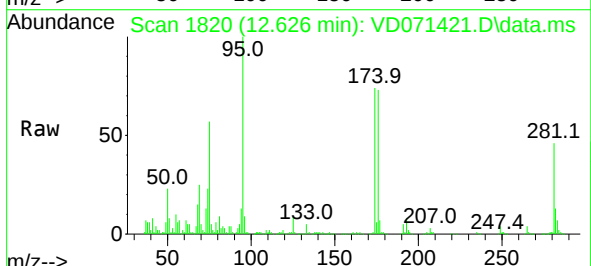
Tgt Ion: 95 Resp: 369087

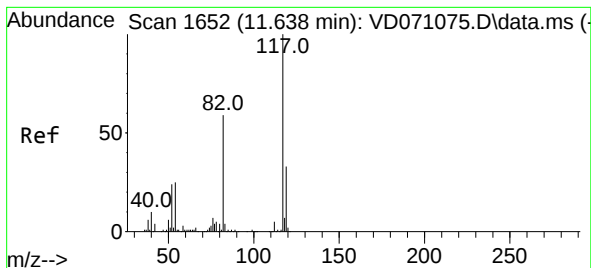
Ion Ratio Lower Upper

95 100

174 71.6 0.0 159.4

176 69.9 0.0 154.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071421.D

Acq: 21 Dec 2021 20:08

Instrument :

MSVOA_D

ClientSampleId :

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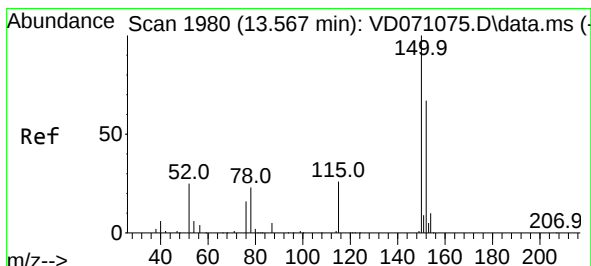
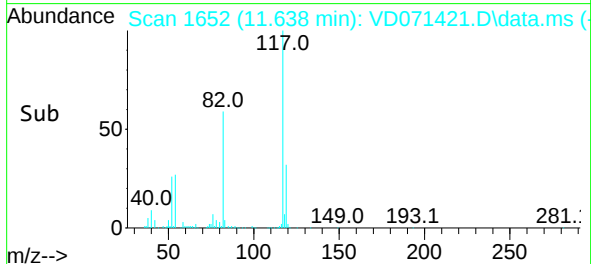
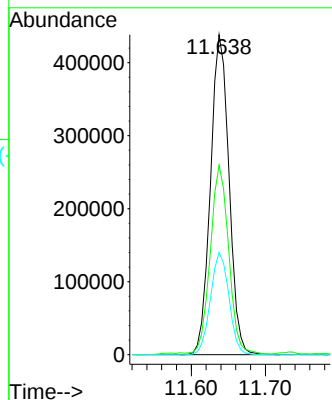
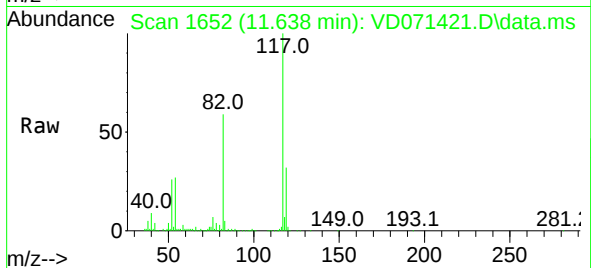
Tgt Ion:117 Resp: 760367

Ion Ratio Lower Upper

117 100

82 58.6 44.7 67.1

119 32.0 26.2 39.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. -0.000 min

Lab File: VD071421.D

Acq: 21 Dec 2021 20:08

Tgt Ion:152 Resp: 346104

Ion Ratio Lower Upper

152 100

115 60.6 29.8 89.3

150 155.0 0.0 349.2

