

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072058.D
 Acq On : 22 Feb 2022 15:35
 Operator : VA/SY
 Sample : N1626-06
 Misc : 5.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-B3

Quant Time: Feb 23 05:31:09 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)

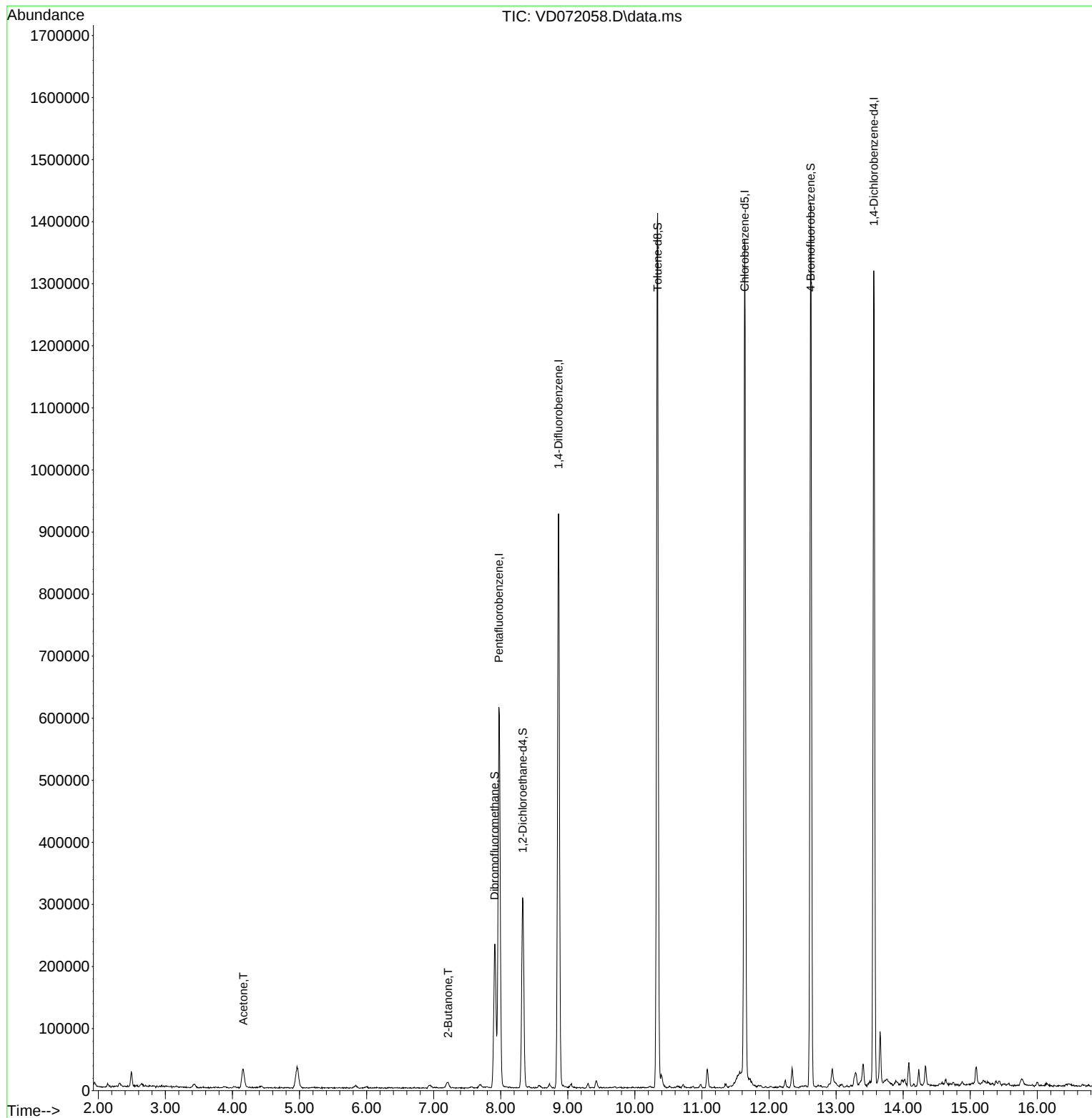
Internal Standards						
1) Pentafluorobenzene	7.973	168	453933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	778702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	768176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	352858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	250671	53.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.480%	
35) Dibromofluoromethane	7.909	113	168626	35.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 71.480%	
50) Toluene-d8	10.338	98	955765	54.628	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.260%	
62) 4-Bromofluorobenzene	12.620	95	360223	56.050	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.100%	
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	55175	54.220	ug/l #	89
25) 2-Butanone	7.214	43	12460	8.859	ug/l	100

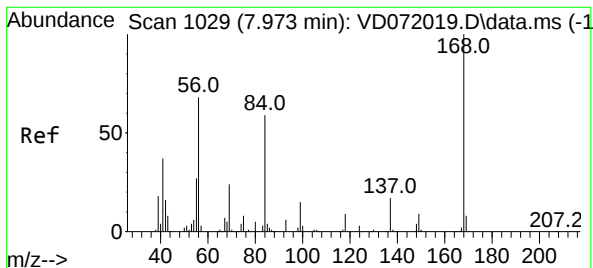
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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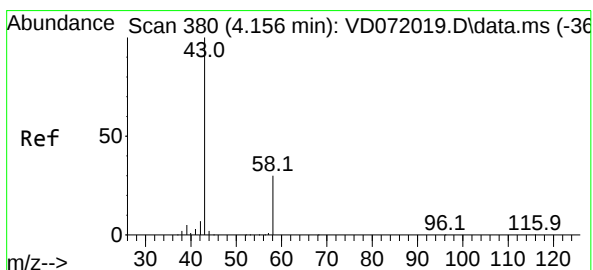
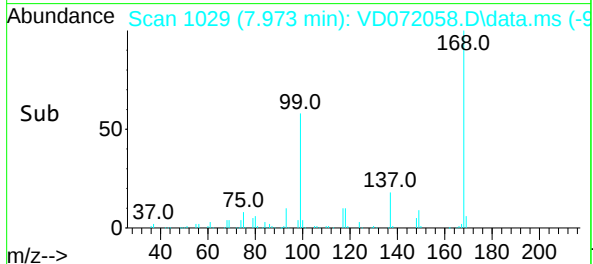
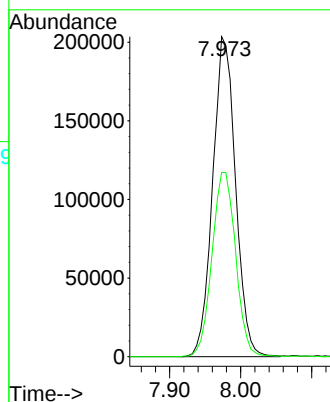
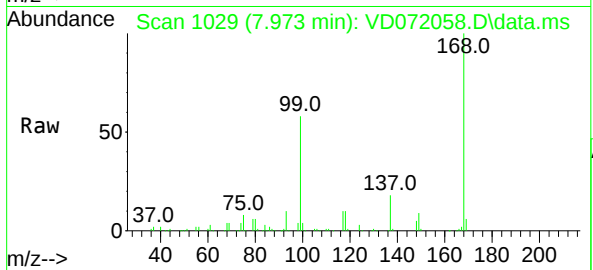




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

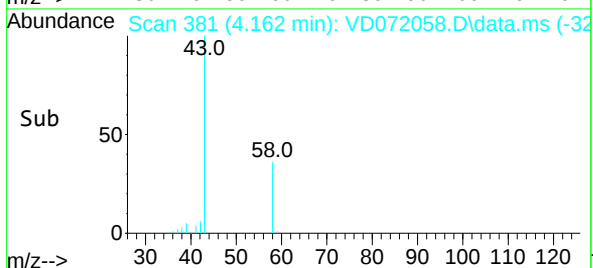
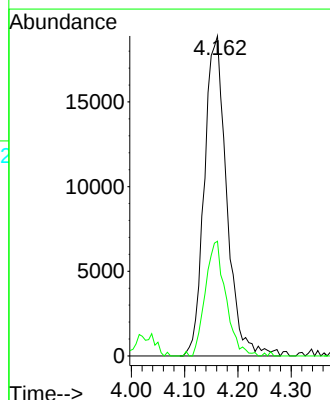
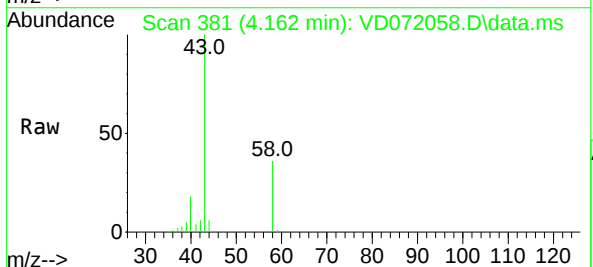
Instrument :
MSVOA_D
ClientSampleId :
CC-B3

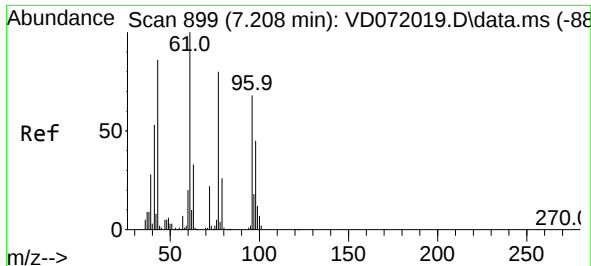
Tgt Ion:168 Resp: 453933
Ion Ratio Lower Upper
168 100
99 57.5 47.1 70.7



#16
Acetone
Concen: 54.220 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

Tgt Ion: 43 Resp: 55175
Ion Ratio Lower Upper
43 100
58 35.8 23.8 35.6#

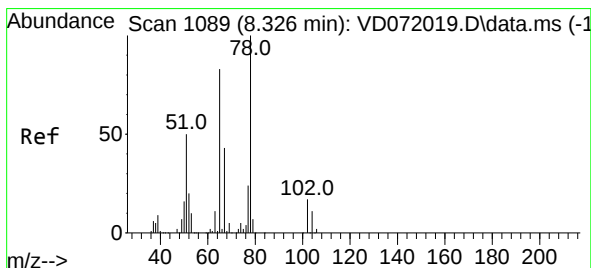
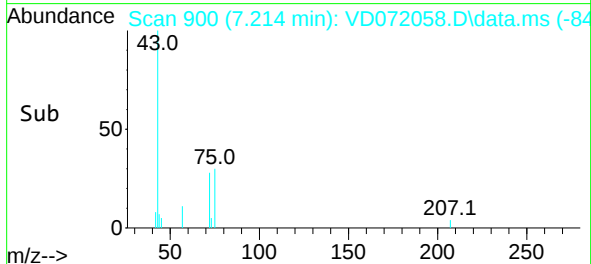
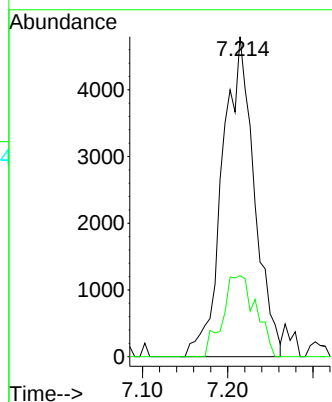
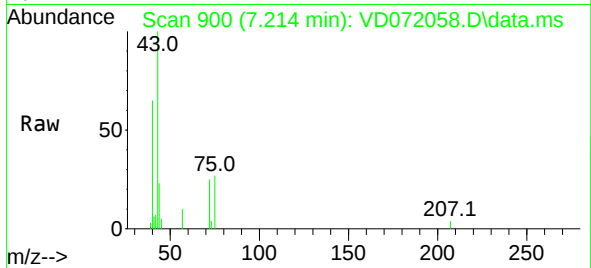




#25
2-Butanone
Concen: 8.859 ug/l
RT: 7.214 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

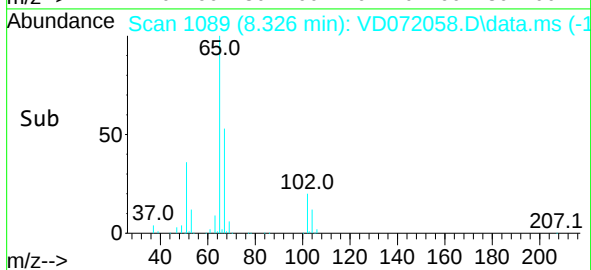
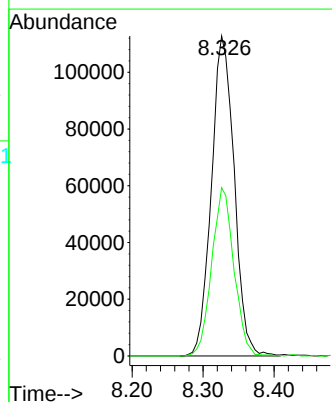
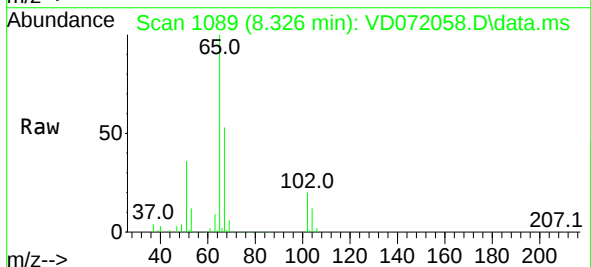
Instrument :
MSVOA_D
ClientSampleId :
CC-B3

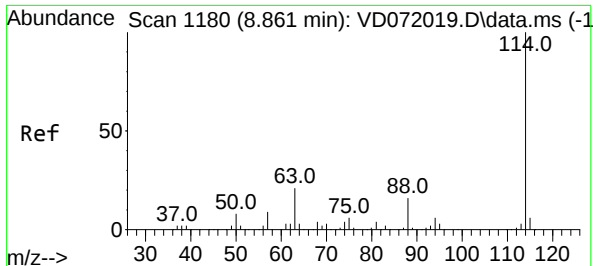
Tgt Ion: 43 Resp: 12460
Ion Ratio Lower Upper
43 100
72 25.3 20.3 30.5



#33
1,2-Dichloroethane-d4
Concen: 53.237 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

Tgt Ion: 65 Resp: 250671
Ion Ratio Lower Upper
65 100
67 51.2 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: VD072058.D

Acq: 22 Feb 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

CC-B3

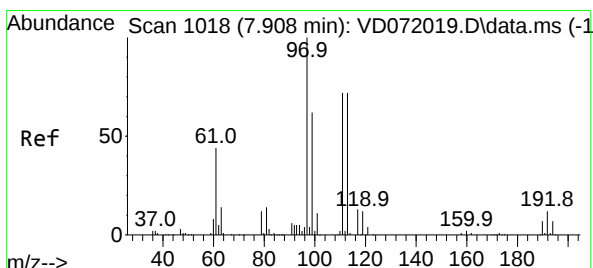
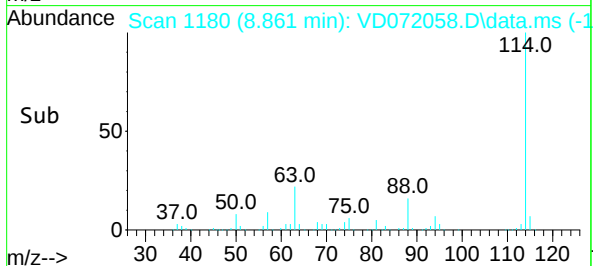
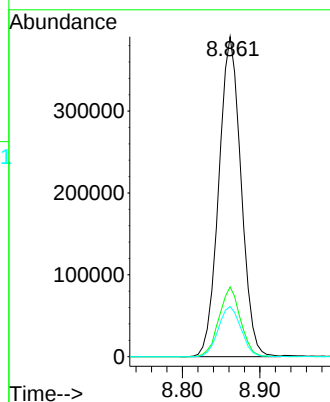
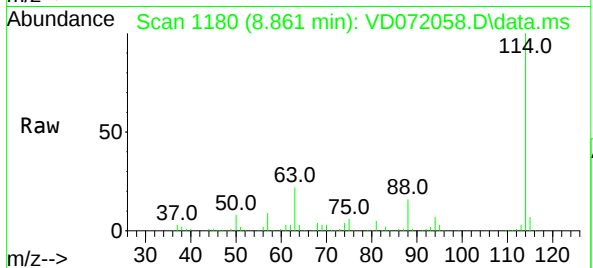
Tgt Ion:114 Resp: 778702

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.2

88 15.7 0.0 31.2



#35

Dibromofluoromethane

Concen: 35.742 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072058.D

Acq: 22 Feb 2022 15:35

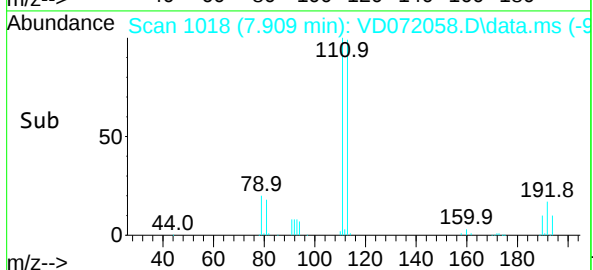
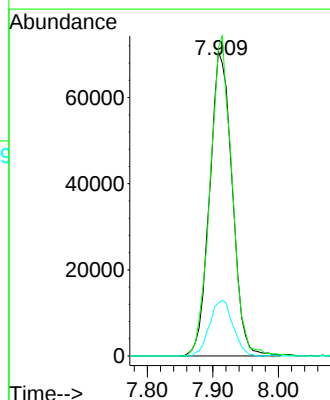
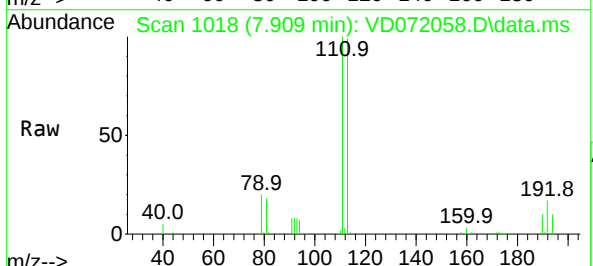
Tgt Ion:113 Resp: 168626

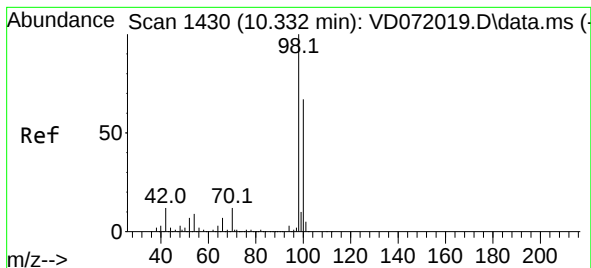
Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.4

192 19.0 15.3 22.9





#50

Toluene-d8

Concen: 54.628 ug/l

RT: 10.338 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VD072058.D

Acq: 22 Feb 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

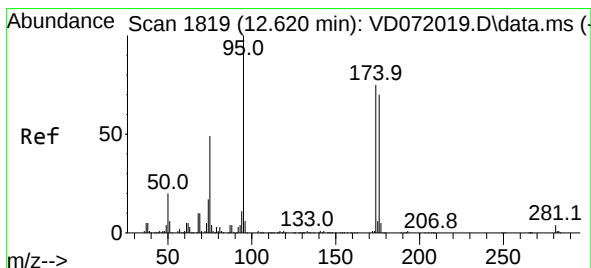
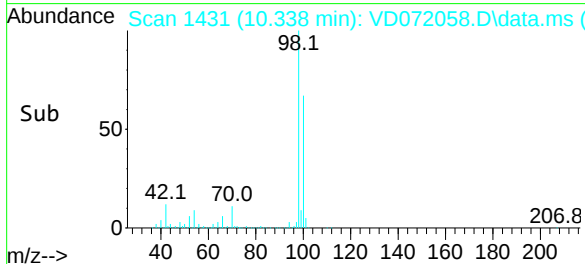
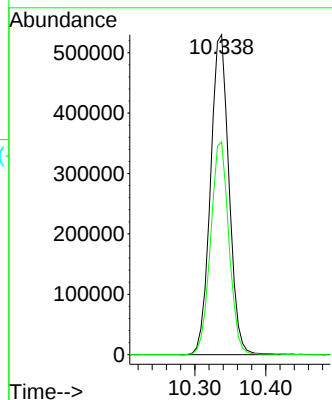
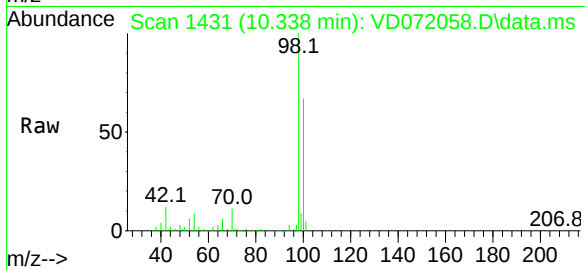
CC-B3

Tgt Ion: 98 Resp: 955765

Ion Ratio Lower Upper

98 100

100 66.2 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 56.050 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD072058.D

Acq: 22 Feb 2022 15:35

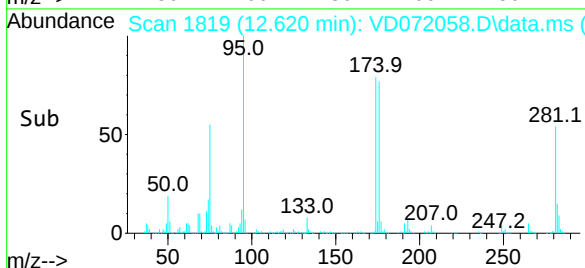
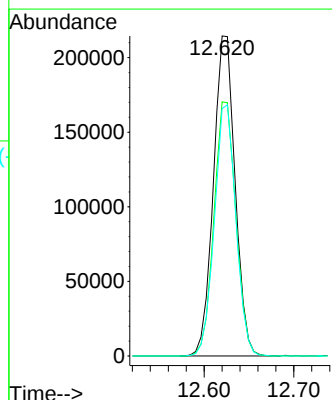
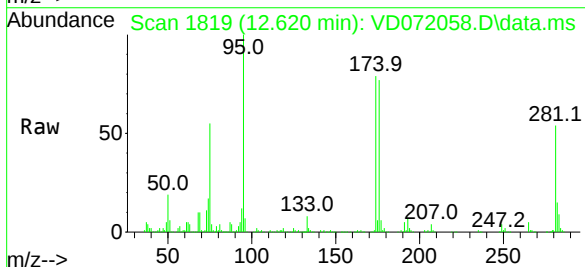
Tgt Ion: 95 Resp: 360223

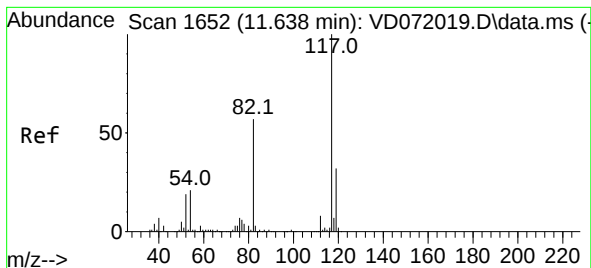
Ion Ratio Lower Upper

95 100

174 80.1 0.0 155.0

176 77.5 0.0 148.8

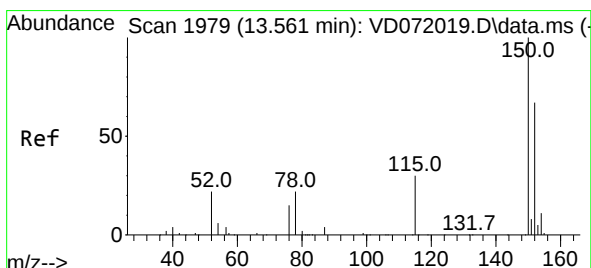
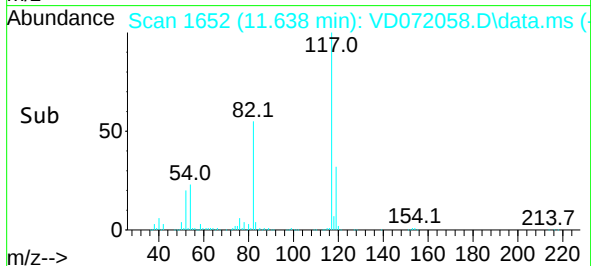
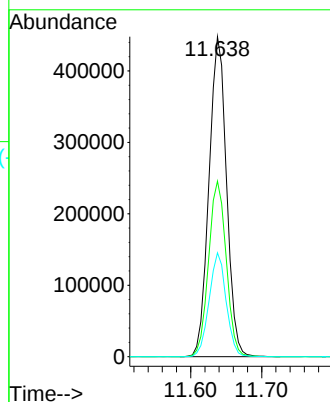
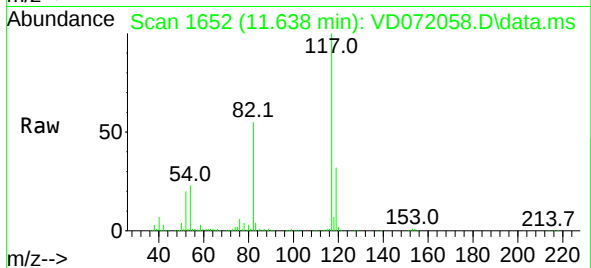




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :
CC-B3

Tgt Ion:117 Resp: 768176
Ion Ratio Lower Upper
117 100
82 54.8 45.4 68.0
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072058.D
Acq: 22 Feb 2022 15:35

Tgt Ion:152 Resp: 352858
Ion Ratio Lower Upper
152 100
115 60.0 29.9 89.7
150 158.3 0.0 347.6

