

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032222\
 Data File : VD072359.D
 Acq On : 22 Mar 2022 12:46
 Operator : VA/SY
 Sample : N1949-06
 Misc : 5.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-BH1-031422-5-6-DUP

Quant Time: Mar 23 01:11:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

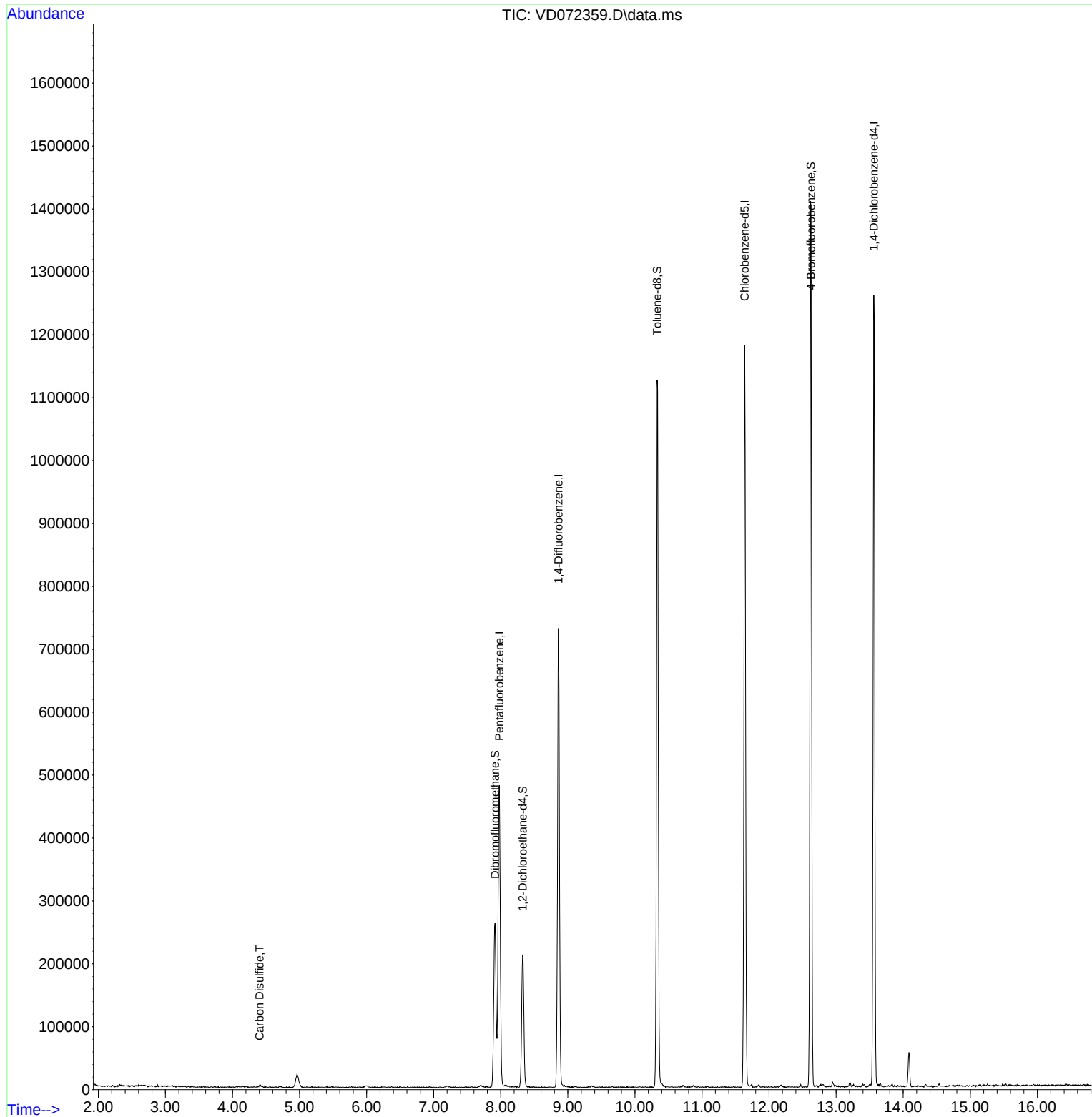
Internal Standards						
1) Pentafluorobenzene	7.979	168	348290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	595311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	657922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	333415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	175994	45.342	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.680%
35) Dibromofluoromethane	7.914	113	191803	45.785	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.560%
50) Toluene-d8	10.332	98	762256	49.762	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.626	95	334120	56.137	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.280%
Target Compounds						
17) Carbon Disulfide	4.403	76	5146	2.169	ug/l	Qvalue # 94

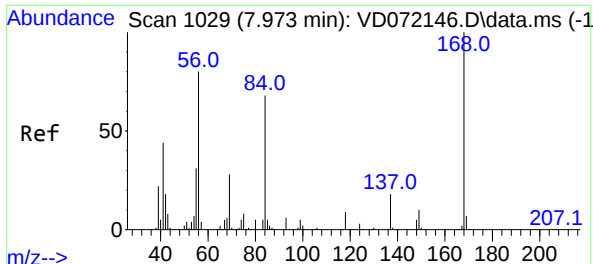
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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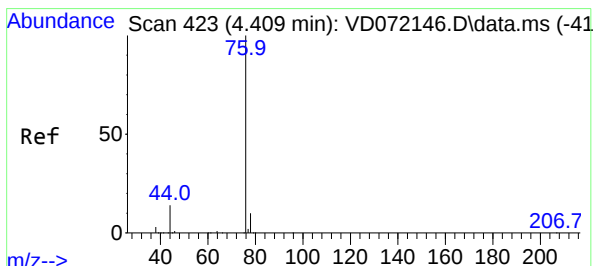
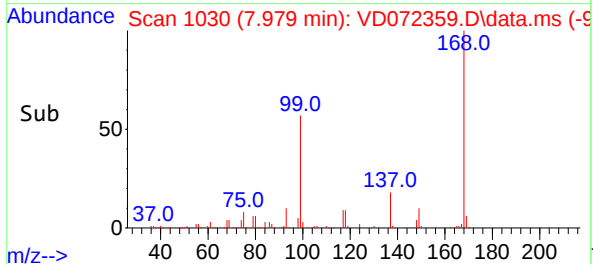
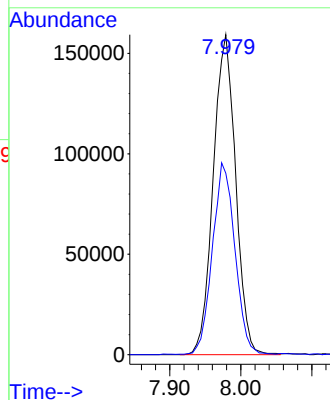
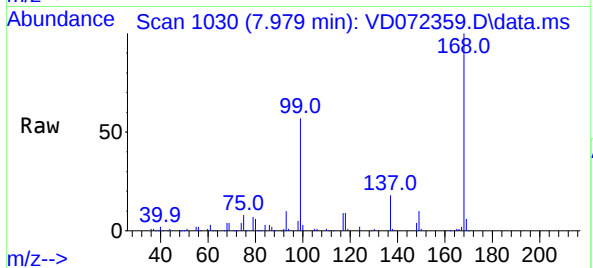




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072359.D
Acq: 22 Mar 2022 12:46

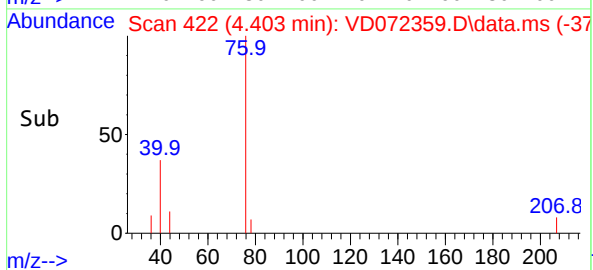
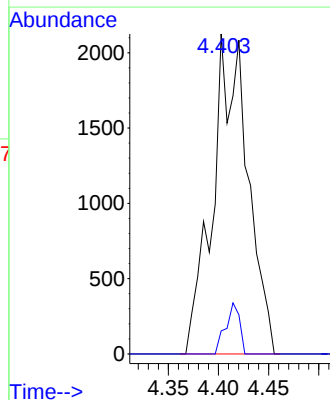
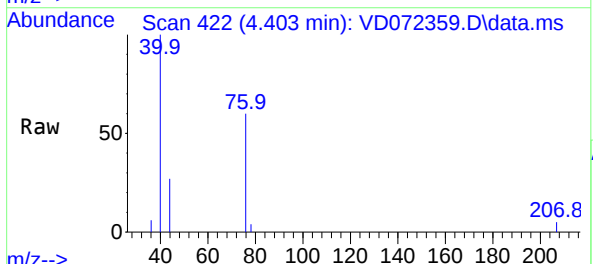
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6-DUP

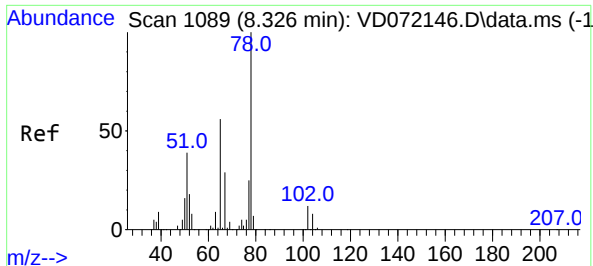
Tgt Ion:168 Resp: 348290
Ion Ratio Lower Upper
168 100
99 56.5 49.8 74.6



#17
Carbon Disulfide
Concen: 2.169 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD072359.D
Acq: 22 Mar 2022 12:46

Tgt Ion: 76 Resp: 5146
Ion Ratio Lower Upper
76 100
78 7.2 7.5 11.3#





#33

1,2-Dichloroethane-d4

Concen: 45.342 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072359.D

Acq: 22 Mar 2022 12:46

Instrument :

MSVOA_D

ClientSampleId :

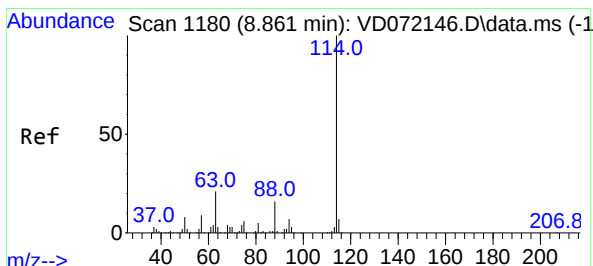
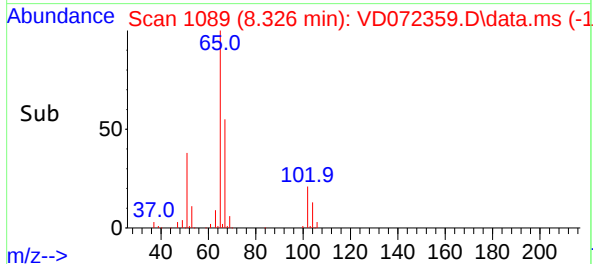
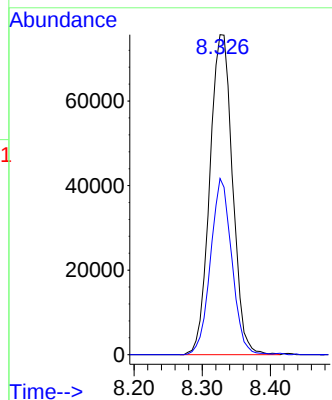
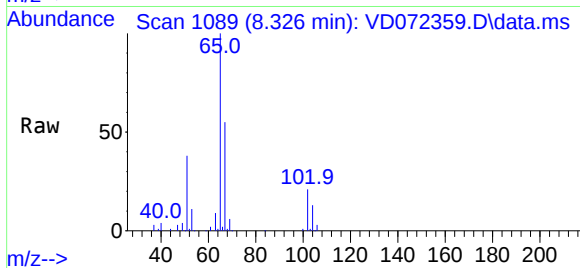
CP-BH1-031422-5-6-DUP

Tgt Ion: 65 Resp: 175994

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072359.D

Acq: 22 Mar 2022 12:46

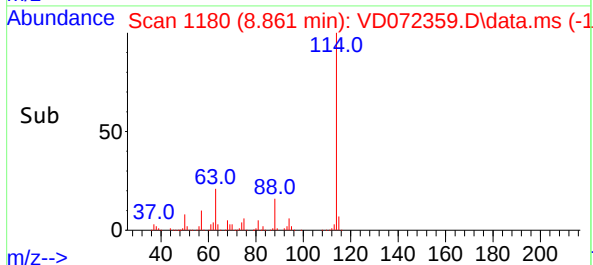
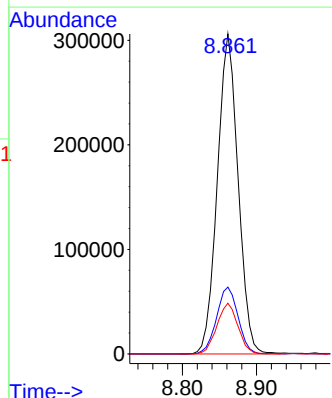
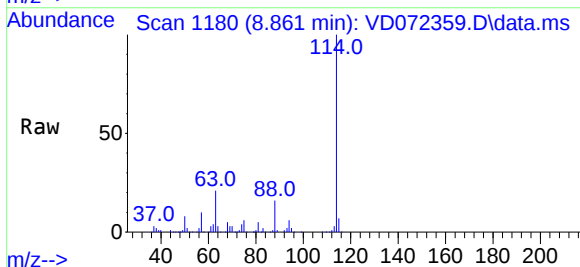
Tgt Ion: 114 Resp: 595311

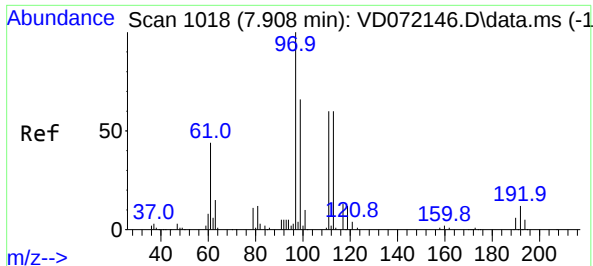
Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 45.785 ug/l

RT: 7.914 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD072359.D

Acq: 22 Mar 2022 12:46

Instrument :

MSVOA_D

ClientSampleId :

CP-BH1-031422-5-6-DUP

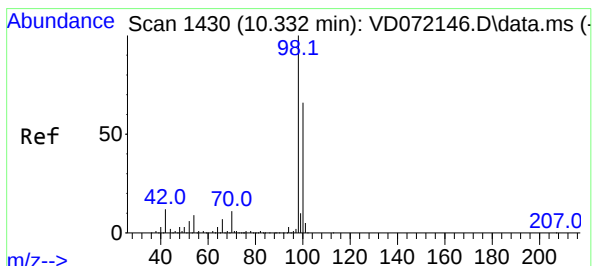
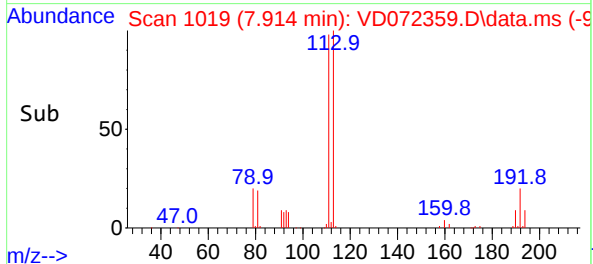
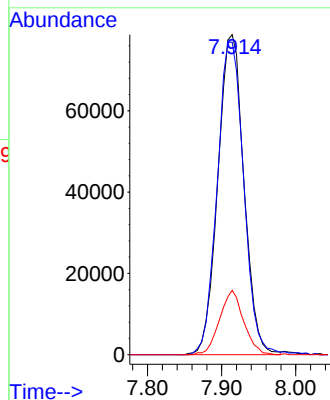
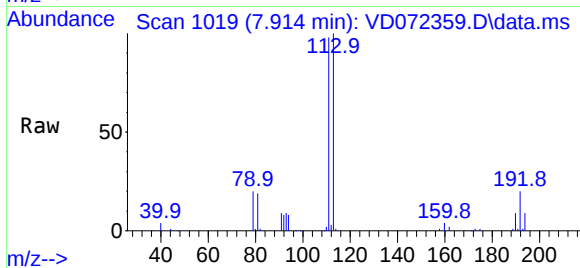
Tgt Ion:113 Resp: 191803

Ion Ratio Lower Upper

113 100

111 100.0 83.8 125.6

192 18.6 14.6 21.8



#50

Toluene-d8

Concen: 49.762 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072359.D

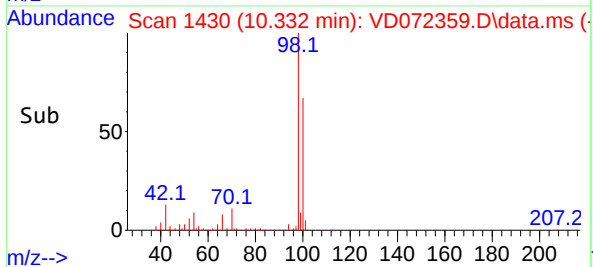
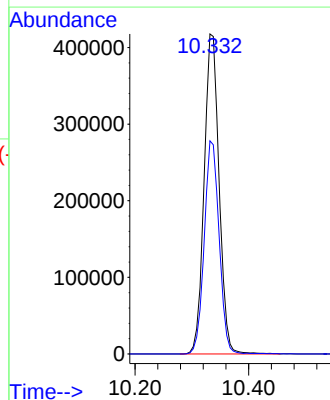
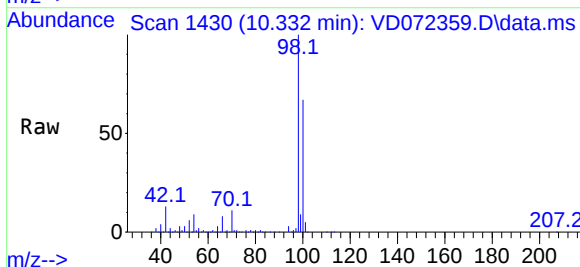
Acq: 22 Mar 2022 12:46

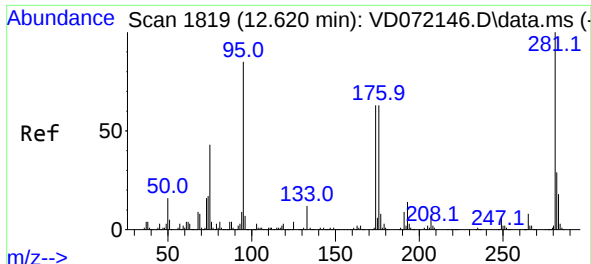
Tgt Ion: 98 Resp: 762256

Ion Ratio Lower Upper

98 100

100 66.3 52.4 78.6

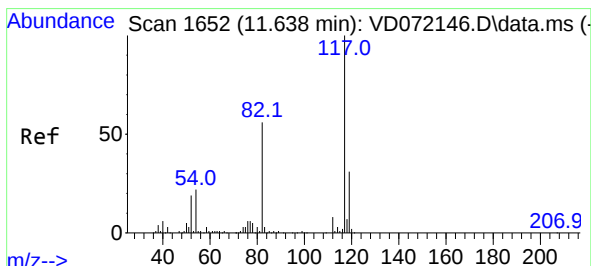
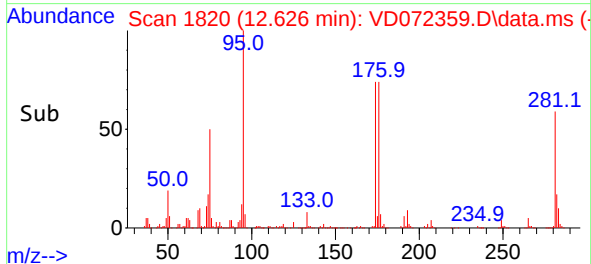
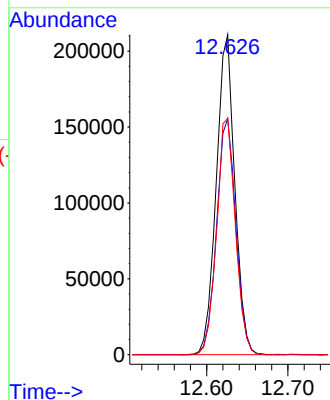
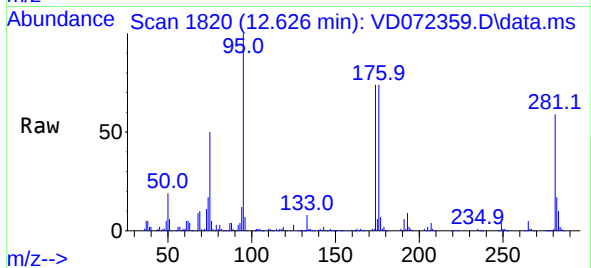




#62
4-Bromofluorobenzene
Concen: 56.137 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072359.D
Acq: 22 Mar 2022 12:46

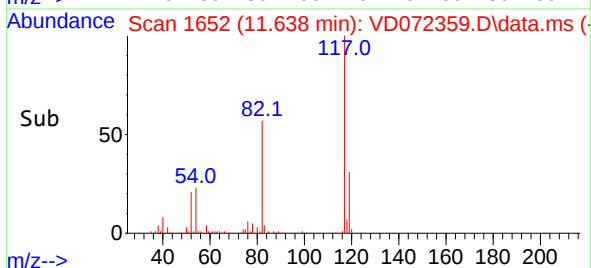
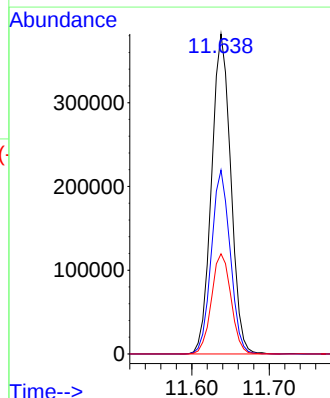
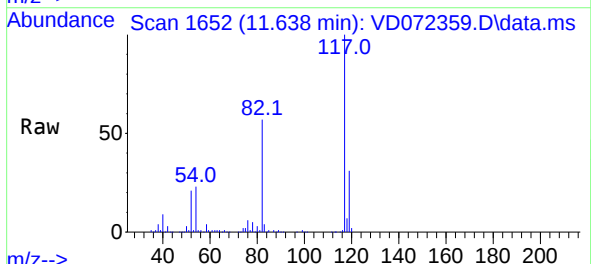
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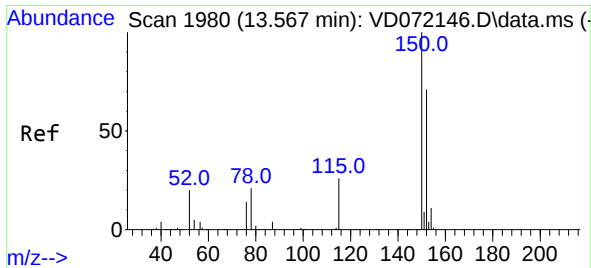
Tgt Ion: 95 Resp: 334120
Ion Ratio Lower Upper
95 100
174 76.7 0.0 152.8
176 74.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072359.D
Acq: 22 Mar 2022 12:46

Tgt Ion: 117 Resp: 657922
Ion Ratio Lower Upper
117 100
82 57.5 45.3 67.9
119 31.3 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 19

Delta R.T. -0.006 min

Lab File: VD072359.D

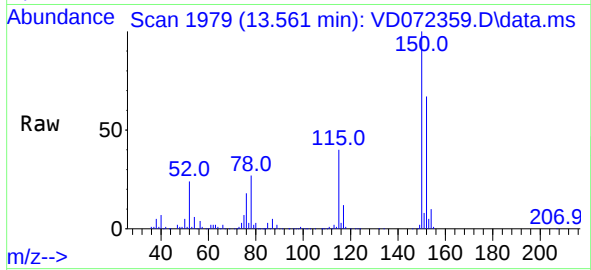
Acq: 22 Mar 2022 12:46

Instrument :

MSVOA_D

ClientSampleId :

CP-BH1-031422-5-6-DUP



Tgt Ion:152 Resp: 333415

Ion Ratio Lower Upper

152 100

115 59.8 31.3 93.8

150 154.8 0.0 348.6

