

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072335.D
 Acq On : 21 Mar 2022 12:48
 Operator : VA/SY
 Sample : N1949-03
 Misc : 5.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-BH1-031422-0-1

Quant Time: Mar 22 02:10:53 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	7.973	168	399555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	664308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	717588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	352840	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	197967	44.459	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.920%
35) Dibromofluoromethane	7.908	113	207154	44.313	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.620%
50) Toluene-d8	10.338	98	814997	47.679	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.360%
62) 4-Bromofluorobenzene	12.620	95	350482	52.770	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.540%

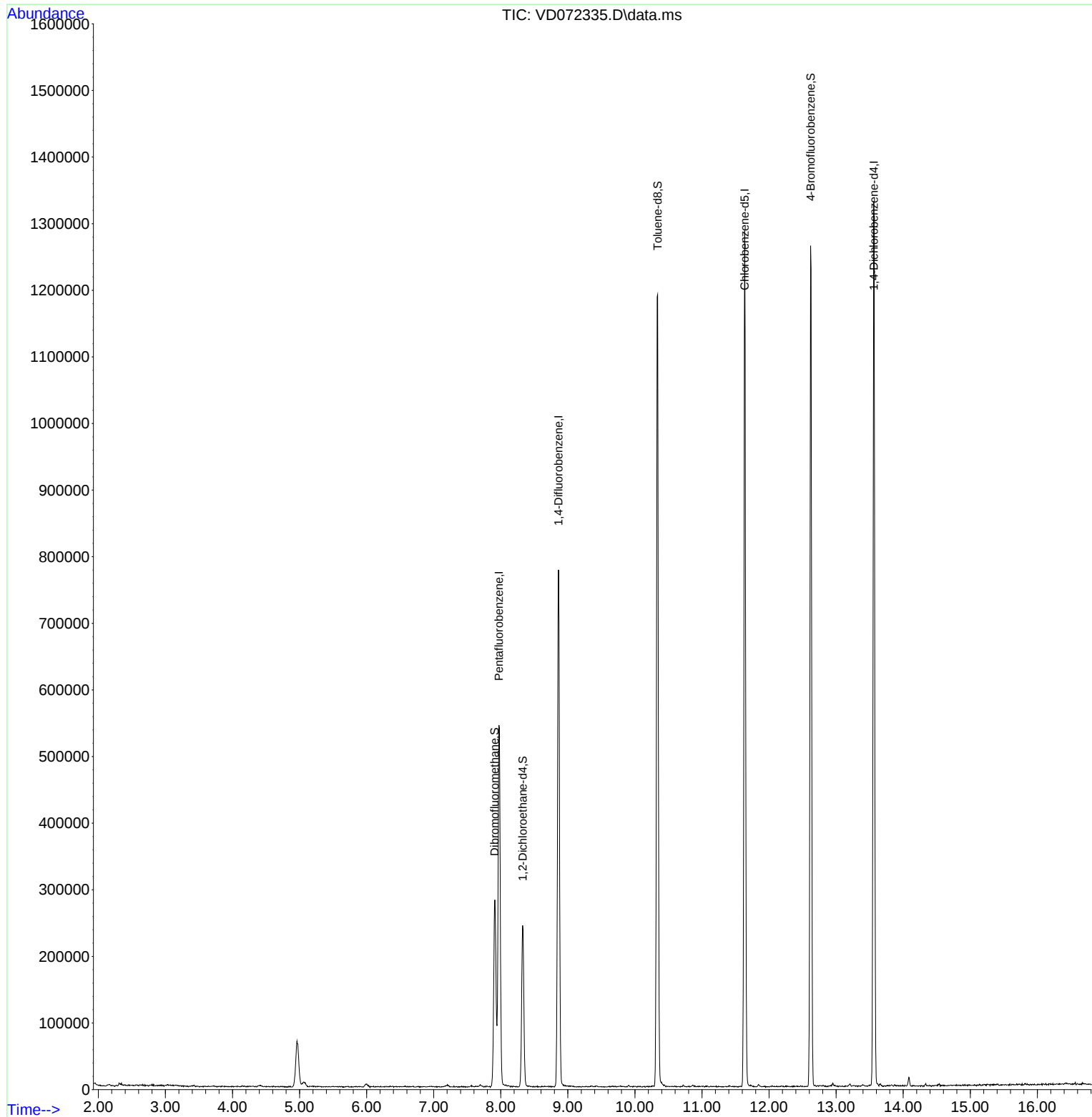
Target Compounds	Qvalue

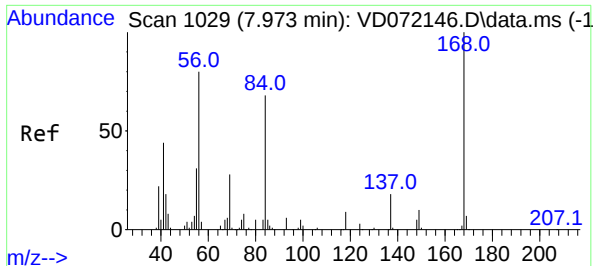
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072335.D
Data File : VD072335.D
Acq On : 21 Mar 2022 12:48
Operator : VA/SY
Sample : N1949-03
Misc : 5.61G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-0-1

Quant Time: Mar 22 02:10:53 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





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD072335.D

Acq: 21 Mar 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

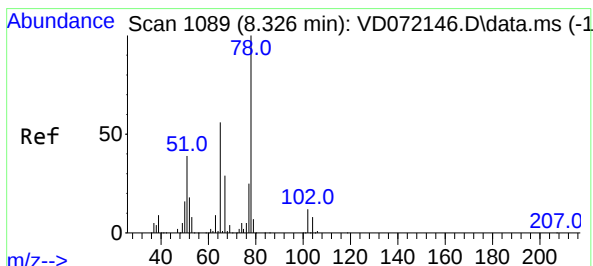
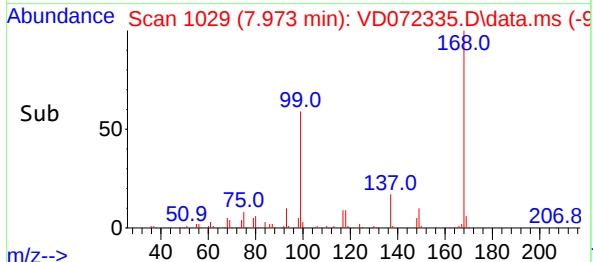
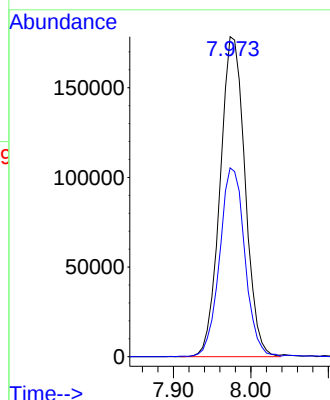
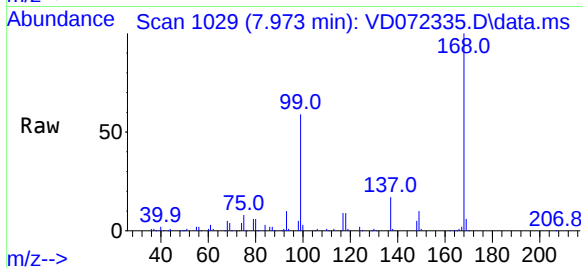
CP-BH1-031422-0-1

Tgt Ion:168 Resp: 399555

Ion Ratio Lower Upper

168 100

99 58.8 49.8 74.6



1,2-Dichloroethane-d4

Concen: 44.459 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072335.D

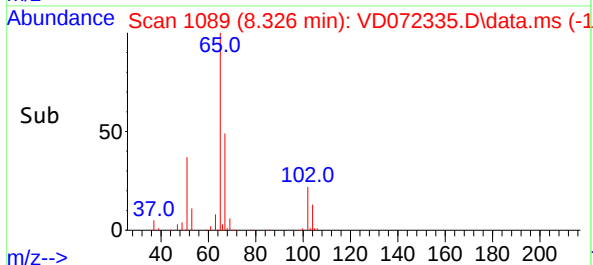
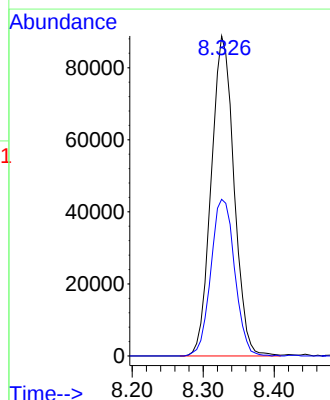
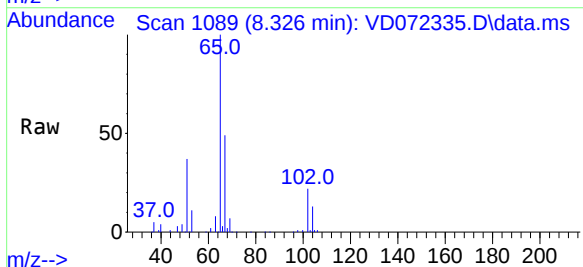
Acq: 21 Mar 2022 12:48

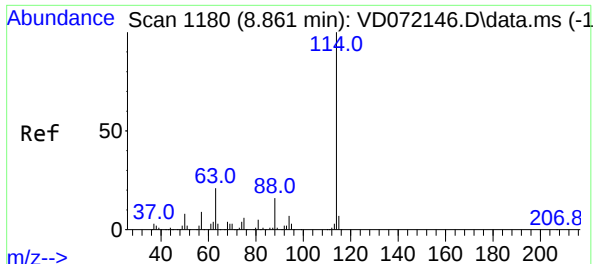
Tgt Ion: 65 Resp: 197967

Ion Ratio Lower Upper

65 100

67 51.1 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: VD072335.D

Acq: 21 Mar 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

CP-BH1-031422-0-1

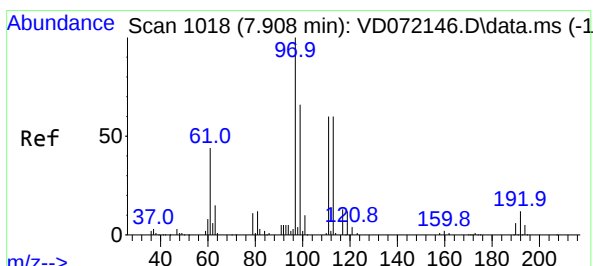
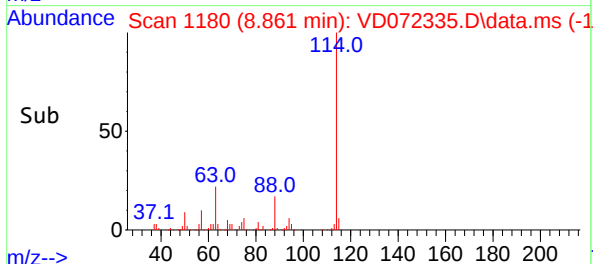
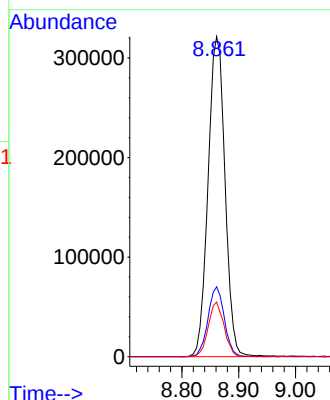
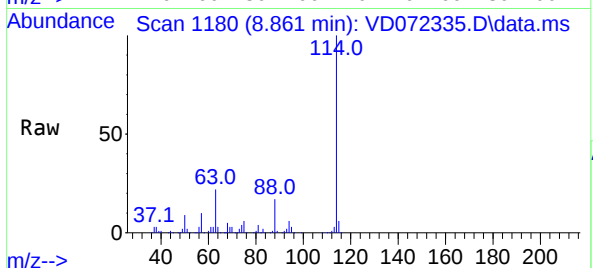
Tgt Ion:114 Resp: 664308

Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.6

88 17.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.313 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072335.D

Acq: 21 Mar 2022 12:48

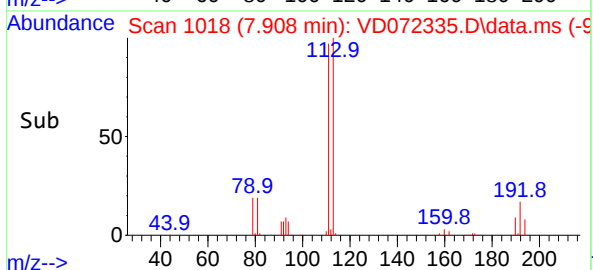
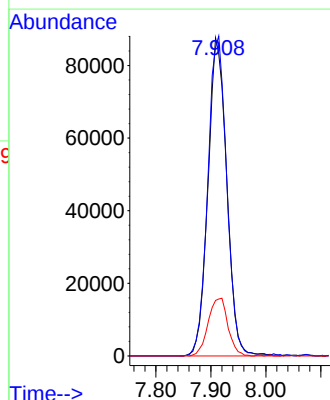
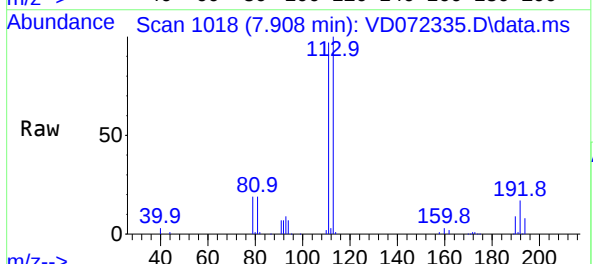
Tgt Ion:113 Resp: 207154

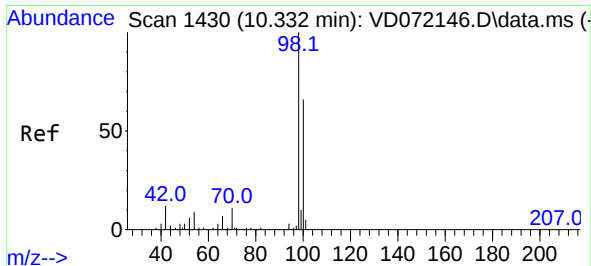
Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 19.2 14.6 21.8

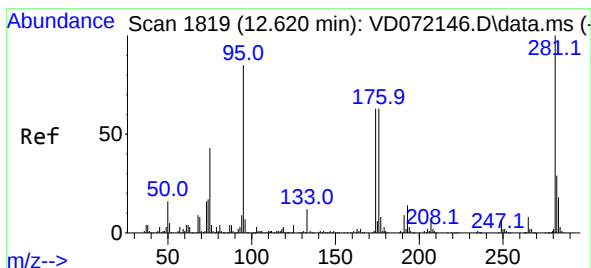
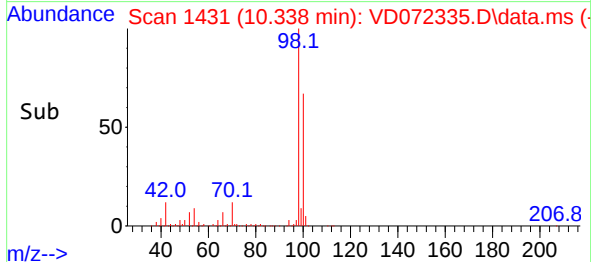
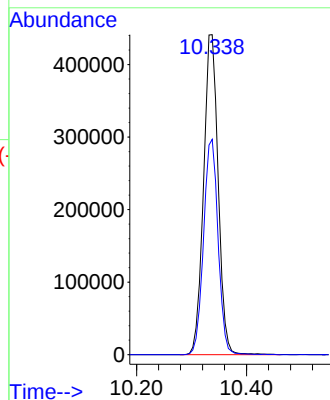
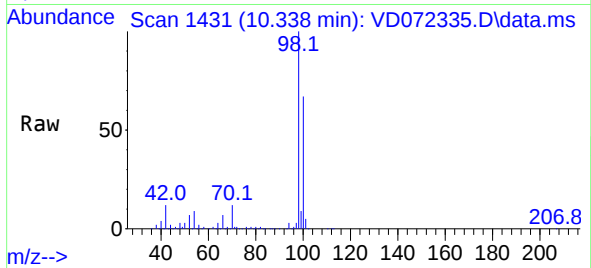




#50
Toluene-d8
Concen: 47.679 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072335.D
Acq: 21 Mar 2022 12:48

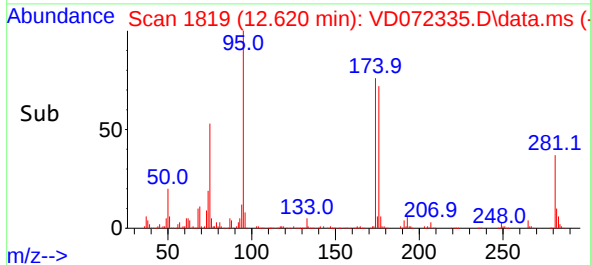
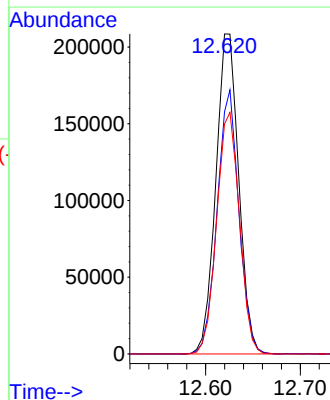
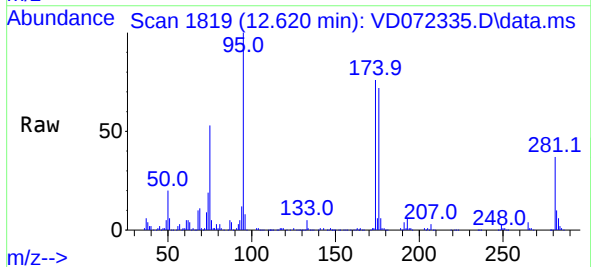
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-0-1

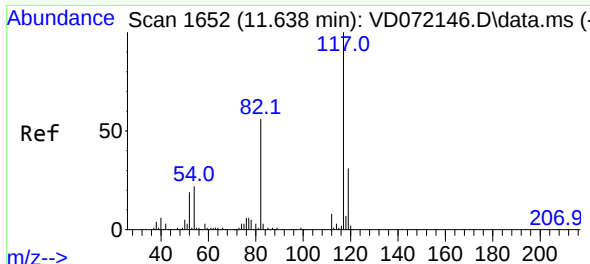
Tgt Ion: 98 Resp: 814997
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.770 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072335.D
Acq: 21 Mar 2022 12:48

Tgt Ion: 95 Resp: 350482
Ion Ratio Lower Upper
95 100
174 78.6 0.0 152.8
176 74.9 0.0 145.4

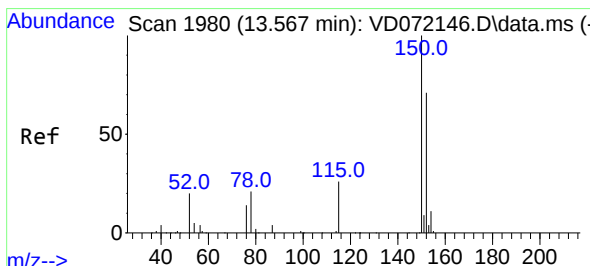
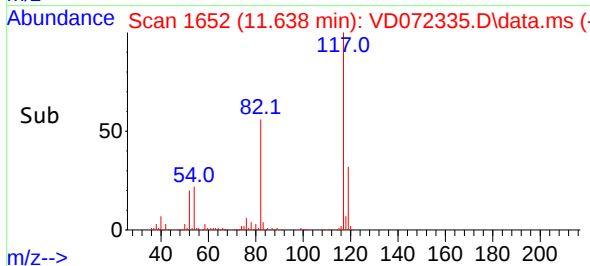
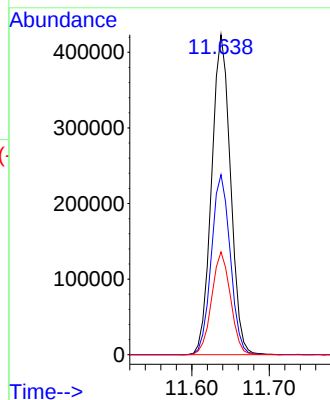
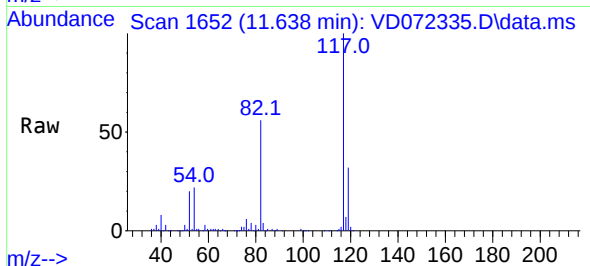




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072335.D
Acq: 21 Mar 2022 12:48

Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-0-1

Tgt Ion:117 Resp: 717588
Ion Ratio Lower Upper
117 100
82 56.3 45.3 67.9
119 32.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072335.D
Acq: 21 Mar 2022 12:48

Tgt Ion:152 Resp: 352840
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 155.7 0.0 348.6

