

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022122\
 Data File : VD072043.D
 Acq On : 21 Feb 2022 20:16
 Operator : VA/SY
 Sample : N1626-14
 Misc : 4.40G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-B7

Quant Time: Feb 22 01:09:32 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)

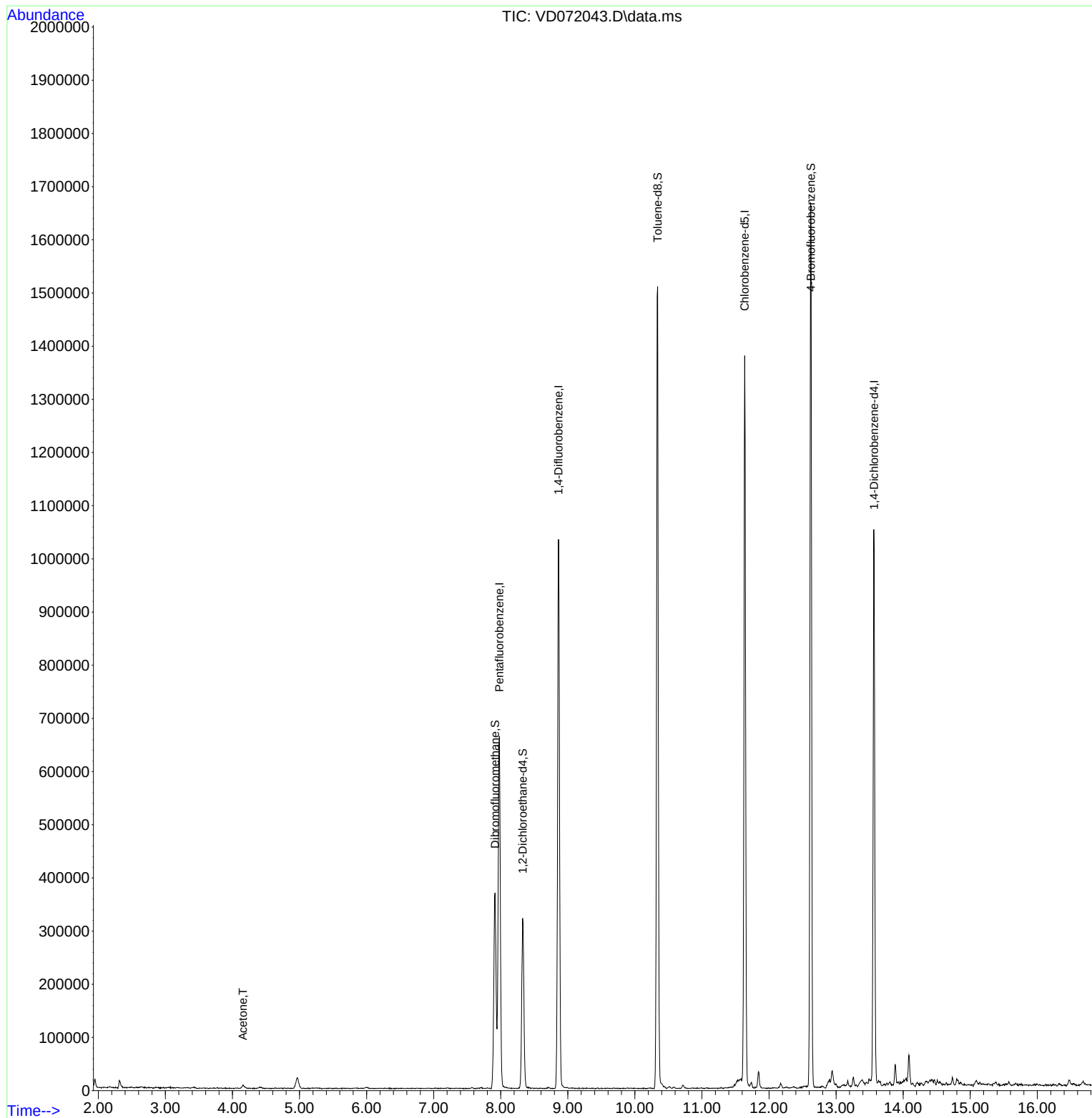
Internal Standards						
1) Pentafluorobenzene	7.979	168	486853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.862	114	864224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	766332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	274733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	255652	50.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.240%	
35) Dibromofluoromethane	7.915	113	264571	50.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.060%	
50) Toluene-d8	10.338	98	1013428	52.191	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.380%	
62) 4-Bromofluorobenzene	12.626	95	335188	46.994	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.980%	
Target Compounds						
16) Acetone	4.156	43	11155	10.221	ug/l	Qvalue # 85

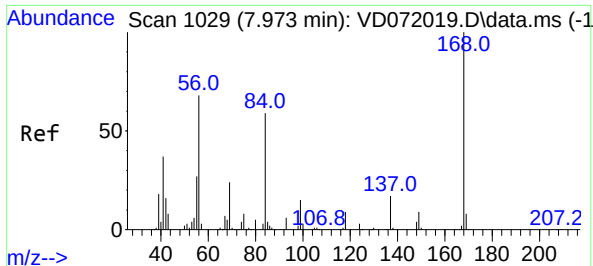
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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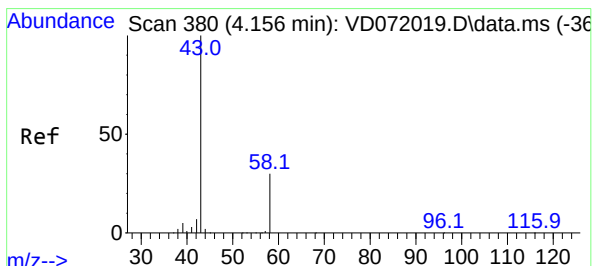
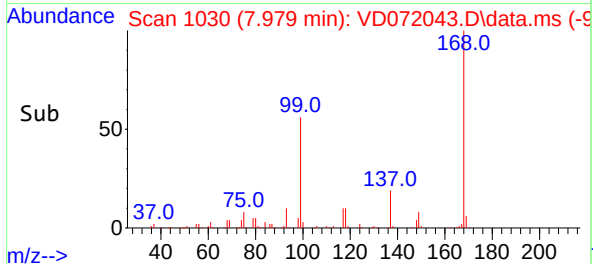
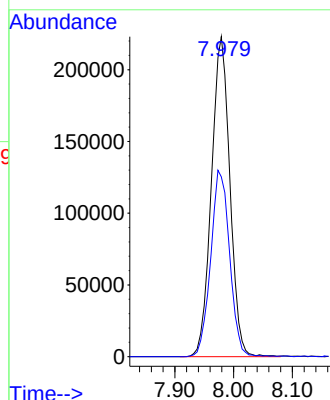
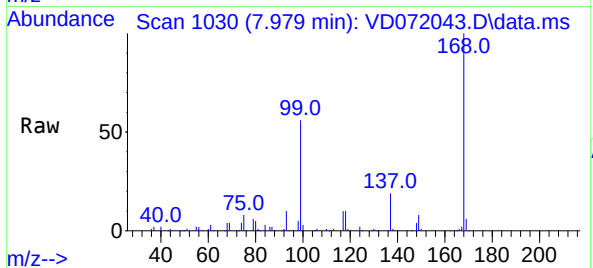




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072043.D
Acq: 21 Feb 2022 20:16

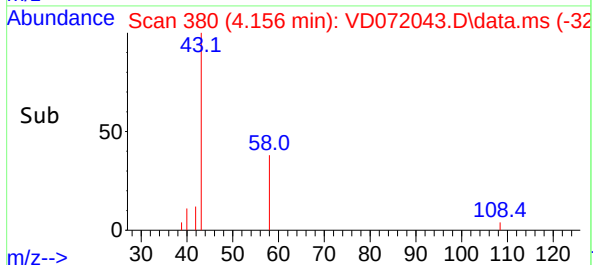
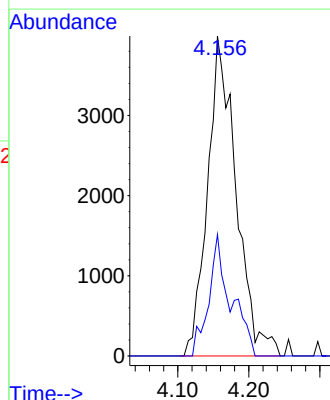
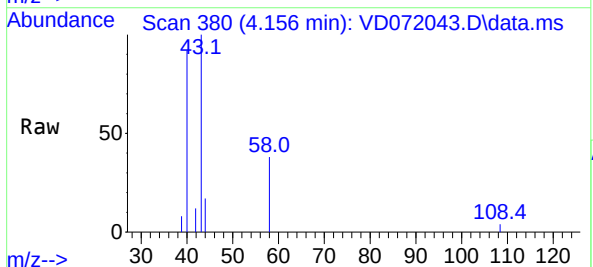
Instrument :
MSVOA_D
ClientSampleId :
CC-B7

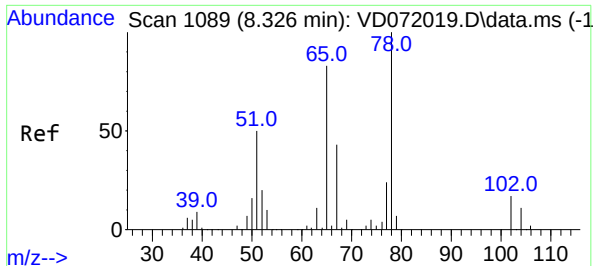
Tgt Ion:168 Resp: 486853
Ion Ratio Lower Upper
168 100
99 56.2 47.1 70.7



#16
Acetone
Concen: 10.221 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072043.D
Acq: 21 Feb 2022 20:16

Tgt Ion: 43 Resp: 11155
Ion Ratio Lower Upper
43 100
58 37.9 23.8 35.6#





#33

1,2-Dichloroethane-d4

Concen: 50.623 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072043.D

Acq: 21 Feb 2022 20:16

Instrument :

MSVOA_D

ClientSampleId :

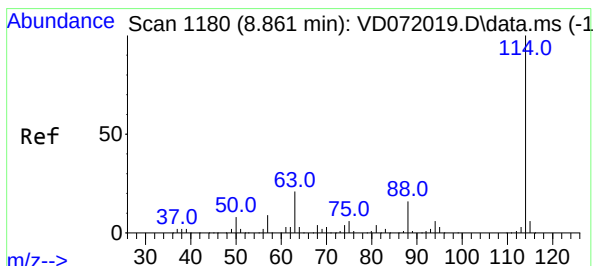
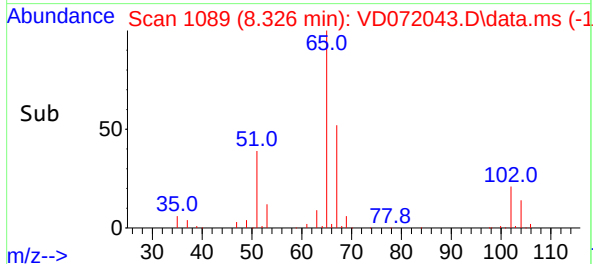
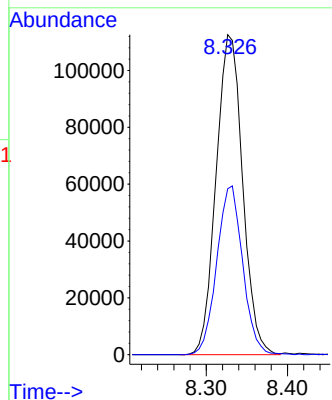
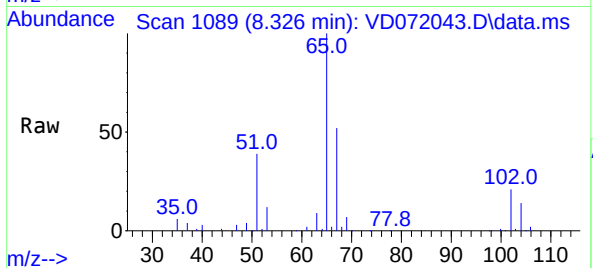
CC-B7

Tgt Ion: 65 Resp: 255652

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.862 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072043.D

Acq: 21 Feb 2022 20:16

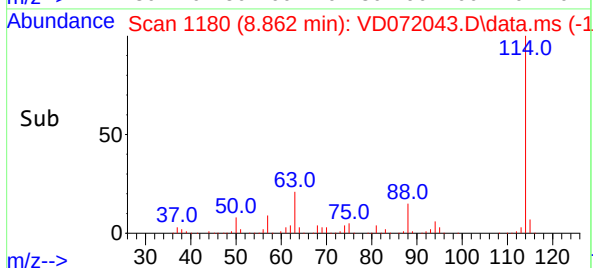
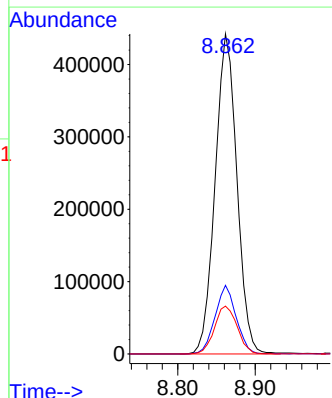
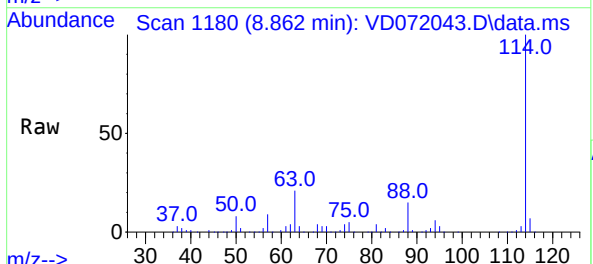
Tgt Ion: 114 Resp: 864224

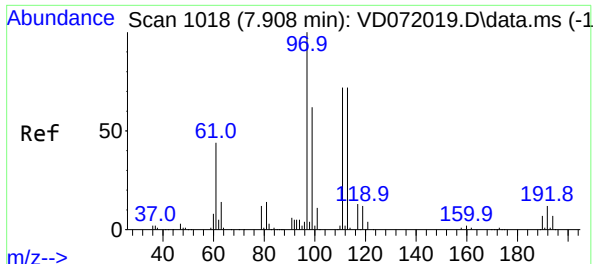
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.2

88 14.9 0.0 31.2

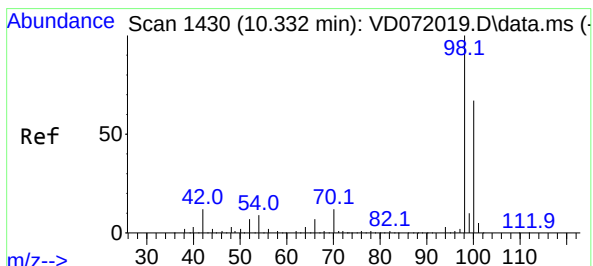
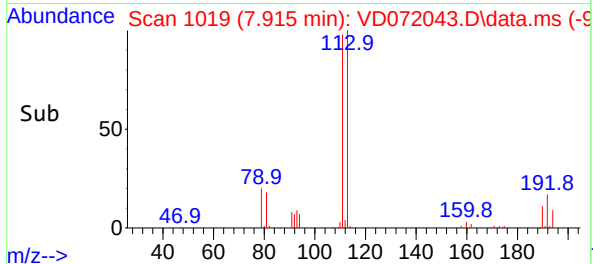
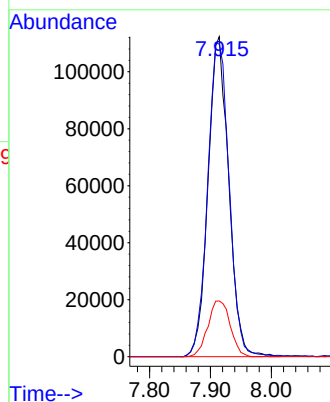
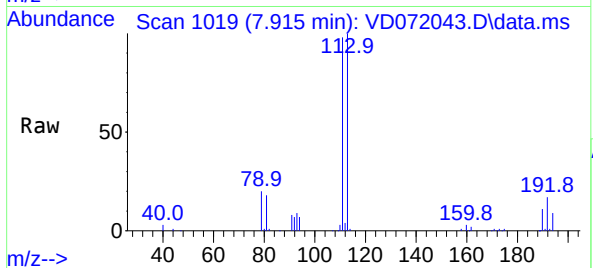




#35
Dibromofluoromethane
Concen: 50.529 ug/l
RT: 7.915 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072043.D
Acq: 21 Feb 2022 20:16

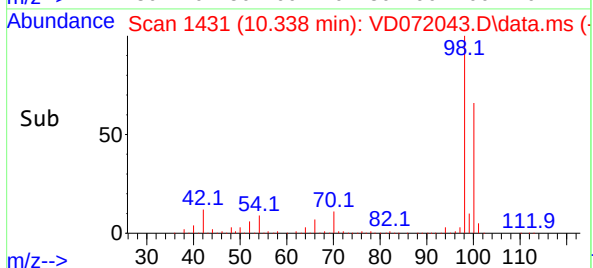
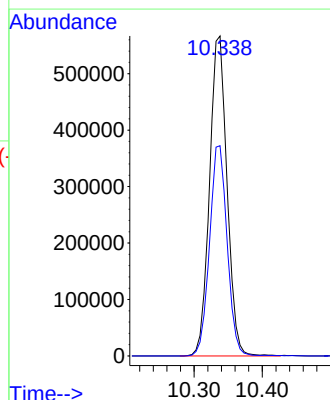
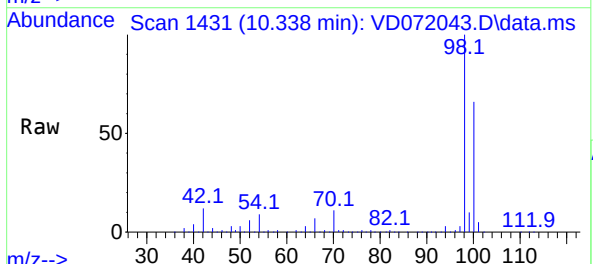
Instrument :
MSVOA_D
ClientSampleId :
CC-B7

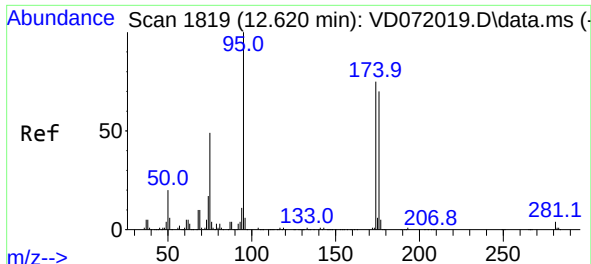
Tgt Ion:113 Resp: 264571
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.4
192 18.9 15.3 22.9



#50
Toluene-d8
Concen: 52.191 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072043.D
Acq: 21 Feb 2022 20:16

Tgt Ion: 98 Resp: 1013428
Ion Ratio Lower Upper
98 100
100 66.0 53.8 80.6

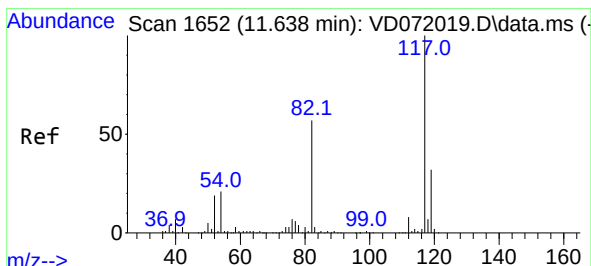
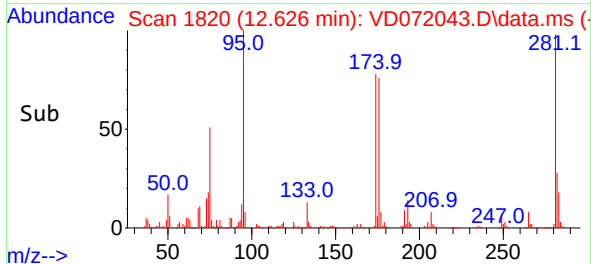
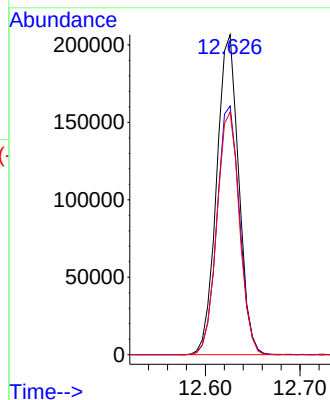
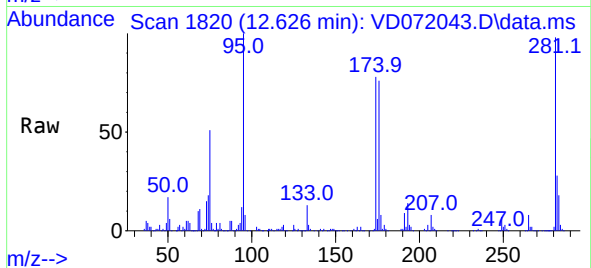




#62
4-Bromofluorobenzene
Concen: 46.994 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072043.D
Acq: 21 Feb 2022 20:16

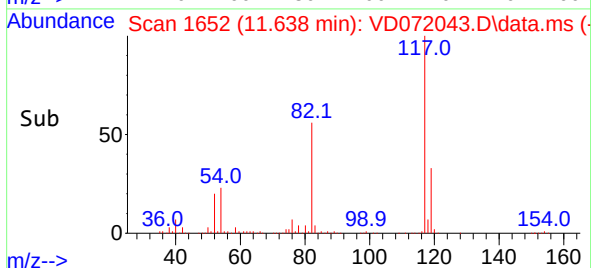
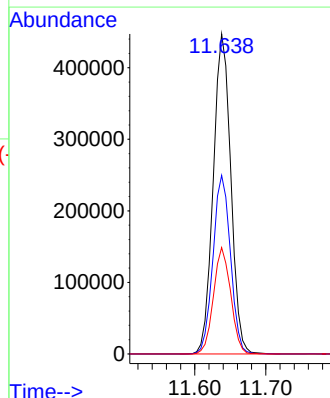
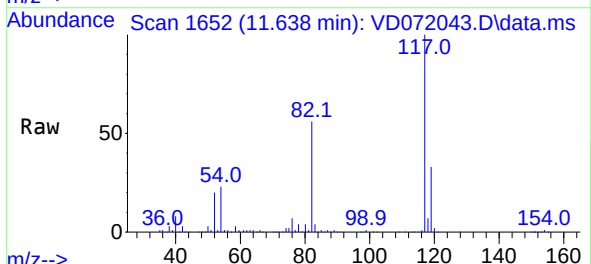
Instrument :
MSVOA_D
ClientSampleId :
CC-B7

Tgt Ion: 95 Resp: 335188
Ion Ratio Lower Upper
95 100
174 79.7 0.0 155.0
176 77.3 0.0 148.8

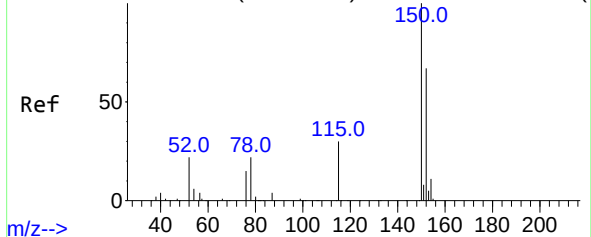


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072043.D
Acq: 21 Feb 2022 20:16

Tgt Ion: 117 Resp: 766332
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.0
119 33.2 25.4 38.2

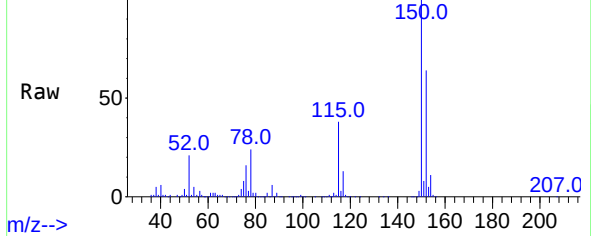


Abundance Scan 1979 (13.561 min): VD072019.D\data.ms (-



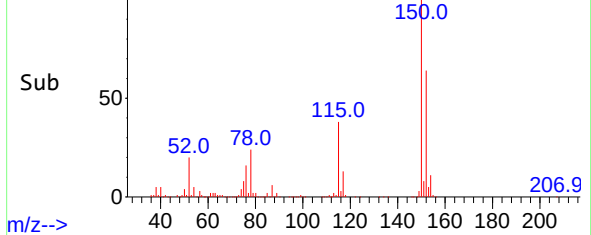
m/z-->

Abundance Scan 1980 (13.567 min): VD072043.D\data.ms (-



m/z-->

Abundance Scan 1980 (13.567 min): VD072043.D\data.ms (-



m/z-->

#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 19

Delta R.T. 0.006 min

Lab File: VD072043.D

Acq: 21 Feb 2022 20:16

Instrument :

MSVOA_D

ClientSampleId :

CC-B7

Tgt Ion:152 Resp: 274733

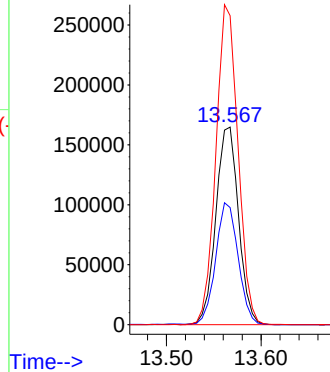
Ion Ratio Lower Upper

152 100

115 61.2 29.9 89.7

150 157.7 0.0 347.6

Abundance



Time-->