

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072099.D
 Acq On : 25 Feb 2022 14:39
 Operator : VA/SY
 Sample : N1655-02
 Misc : 5.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 REG-MID

Quant Time: Feb 26 05:42:07 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)

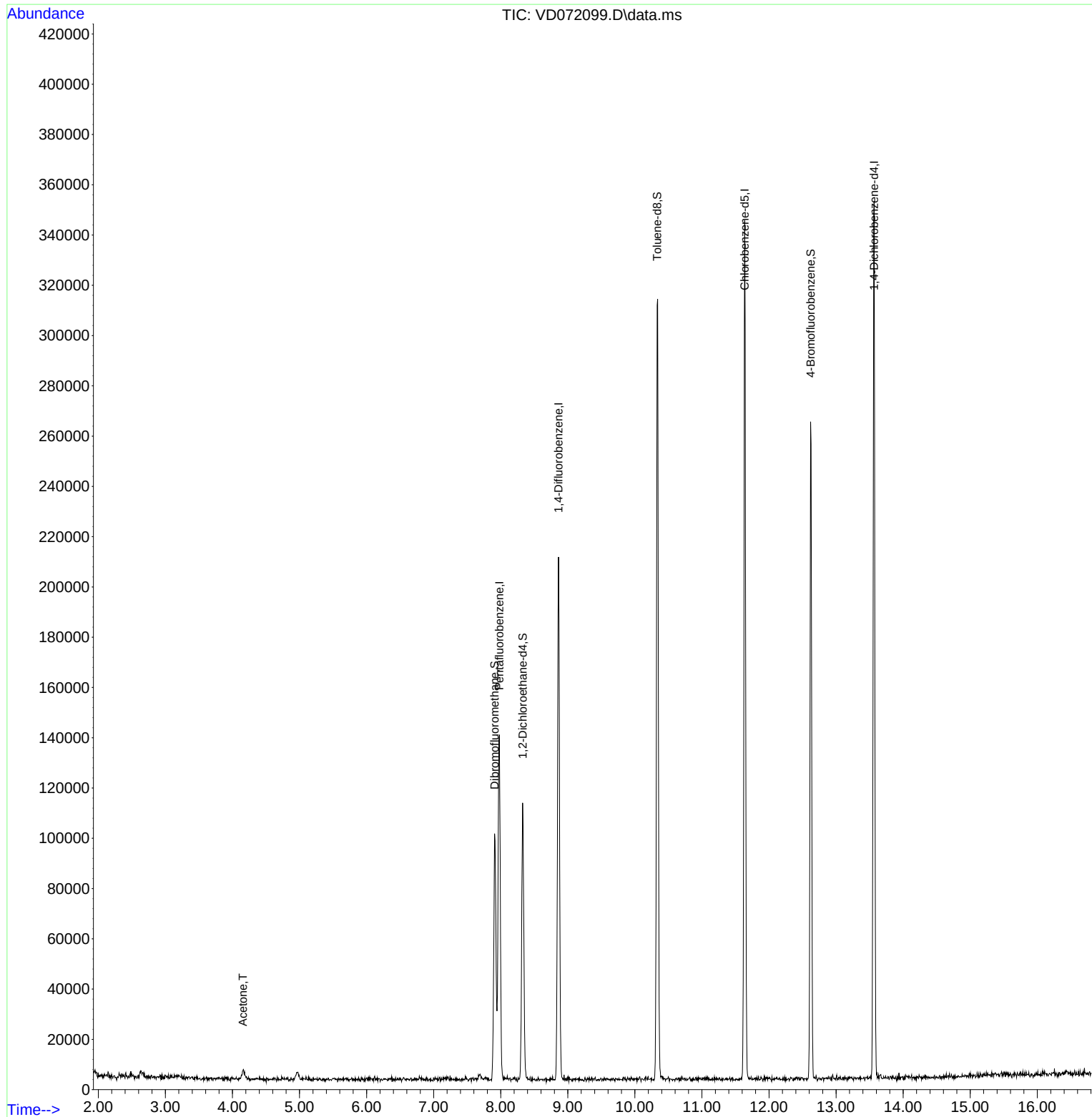
Internal Standards						
1) Pentafluorobenzene	7.979	168	103745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	177188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	192249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	95884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	86462	80.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 160.680%	
35) Dibromofluoromethane	7.909	113	68191	63.520	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.040%	
50) Toluene-d8	10.332	98	217476	54.627	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.260%	
62) 4-Bromofluorobenzene	12.620	95	86498	59.149	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.300%	
Target Compounds						
16) Acetone	4.156	43	6357	27.333	ug/l	Qvalue 90

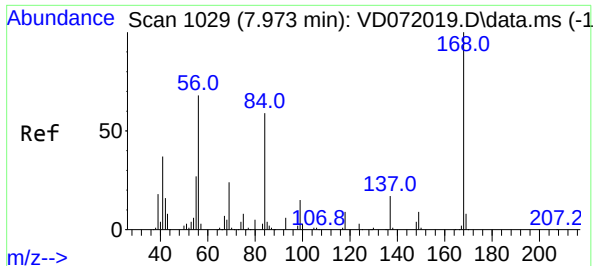
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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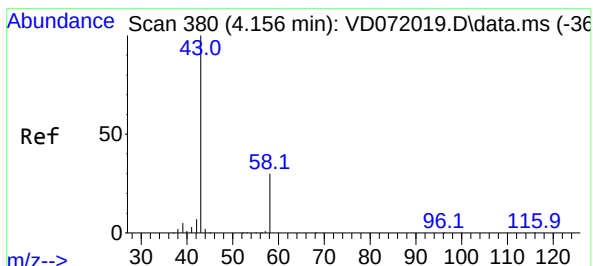
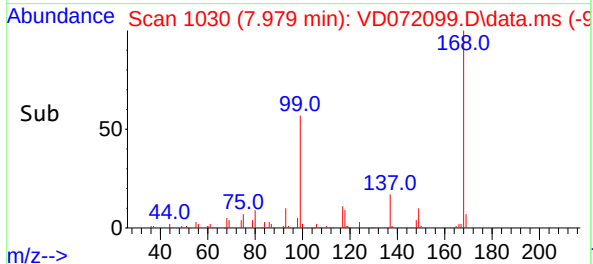
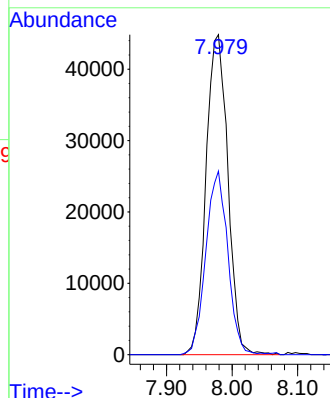
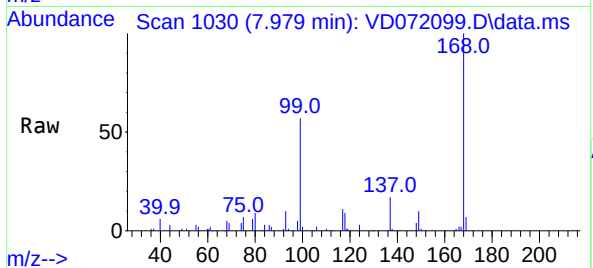




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072099.D
Acq: 25 Feb 2022 14:39

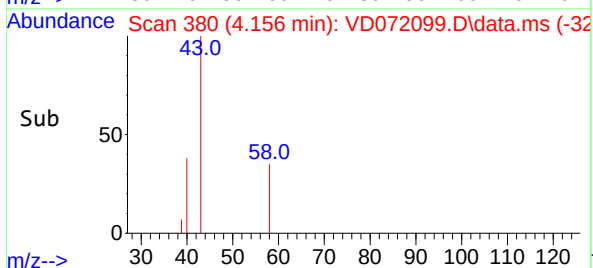
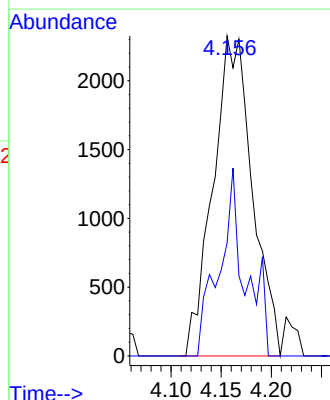
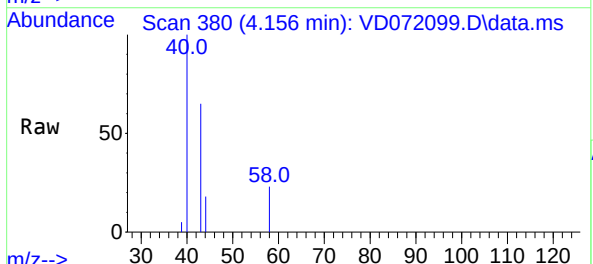
Instrument :
MSVOA_D
ClientSampleId :
REG-MID

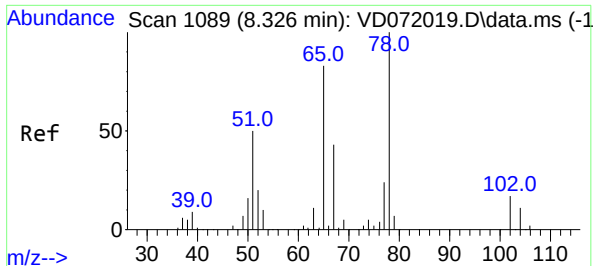
Tgt Ion:168 Resp: 103745
Ion Ratio Lower Upper
168 100
99 57.4 47.1 70.7



#16
Acetone
Concen: 27.333 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072099.D
Acq: 25 Feb 2022 14:39

Tgt Ion: 43 Resp: 6357
Ion Ratio Lower Upper
43 100
58 35.3 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 80.344 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072099.D

Acq: 25 Feb 2022 14:39

Instrument :

MSVOA_D

ClientSampleId :

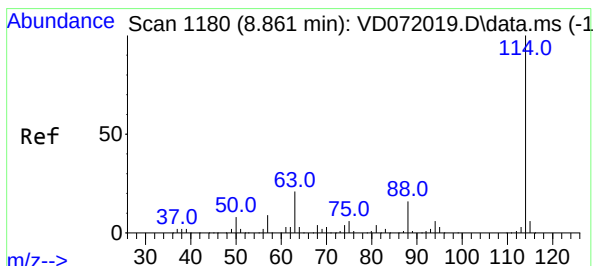
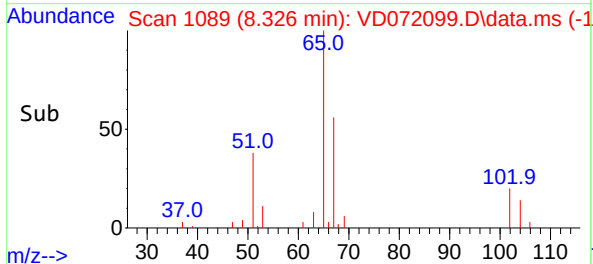
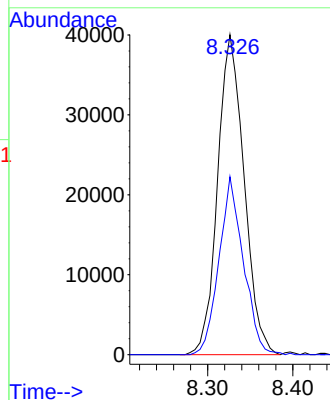
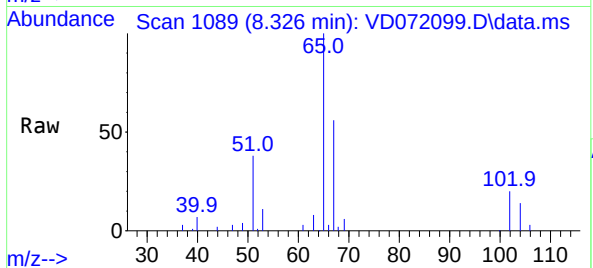
REG-MID

Tgt Ion: 65 Resp: 86462

Ion Ratio Lower Upper

65 100

67 51.4 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: VD072099.D

Acq: 25 Feb 2022 14:39

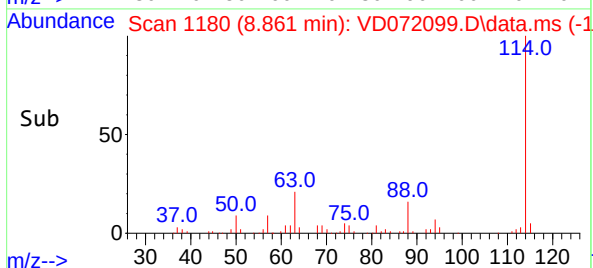
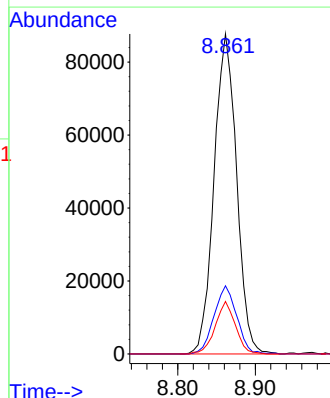
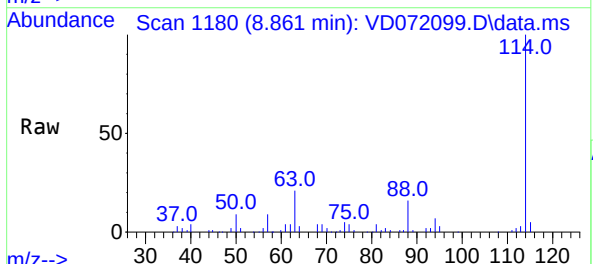
Tgt Ion: 114 Resp: 177188

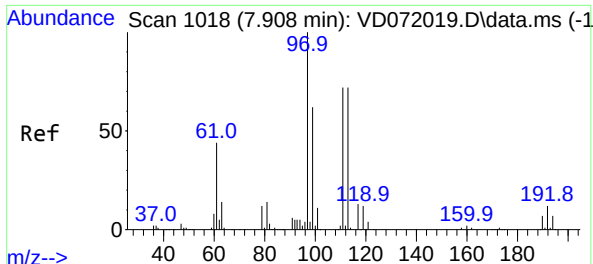
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.2

88 16.4 0.0 31.2

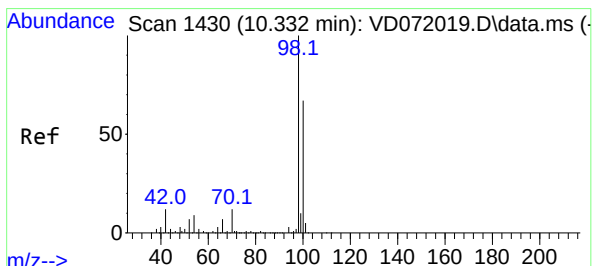
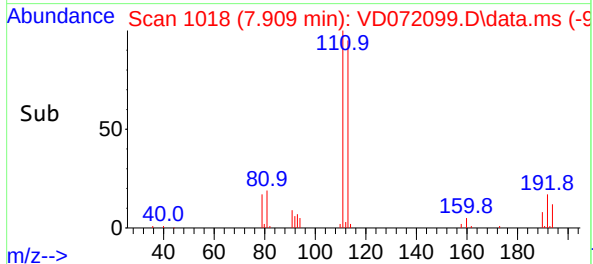
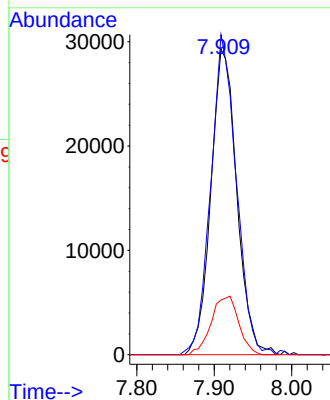
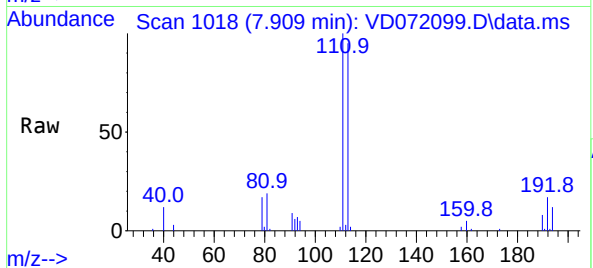




#35
Dibromofluoromethane
Concen: 63.520 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072099.D
Acq: 25 Feb 2022 14:39

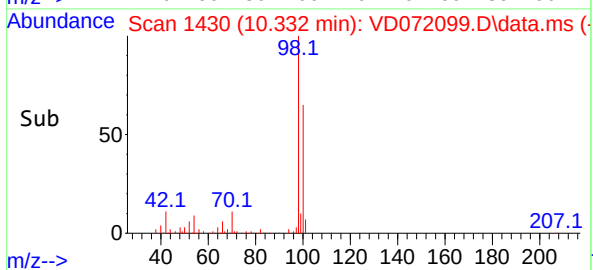
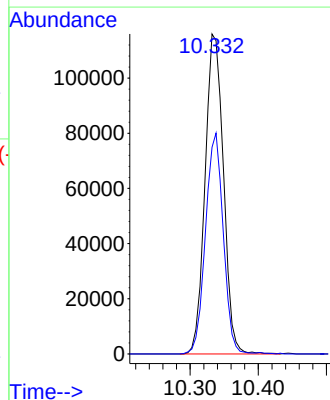
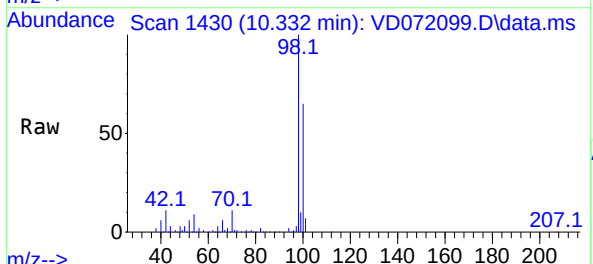
Instrument :
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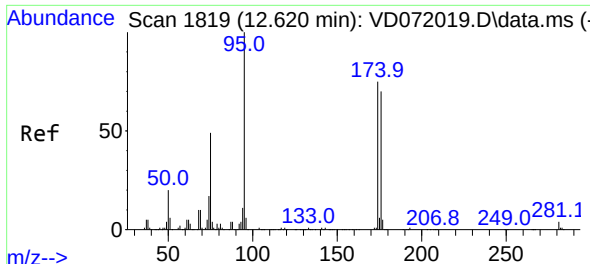
Tgt Ion:113 Resp: 68191
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.4
192 20.2 15.3 22.9



#50
Toluene-d8
Concen: 54.627 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072099.D
Acq: 25 Feb 2022 14:39

Tgt Ion: 98 Resp: 217476
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.6

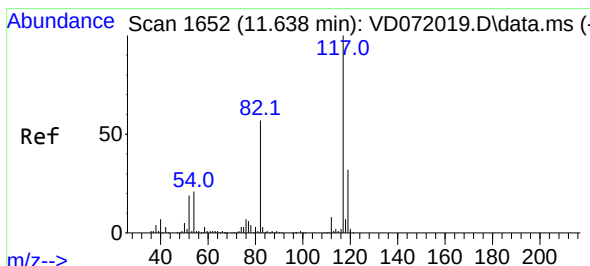
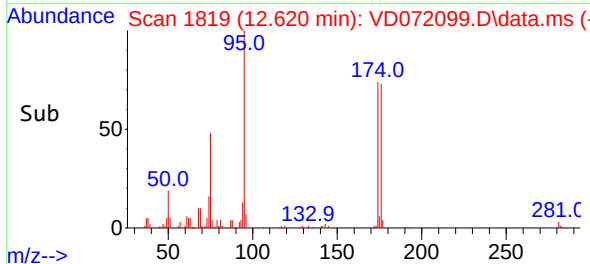
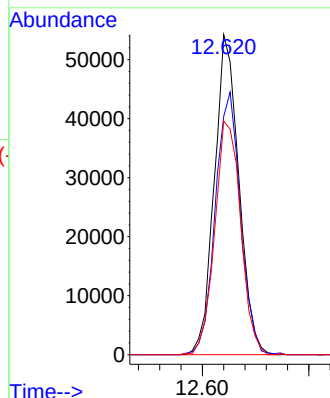
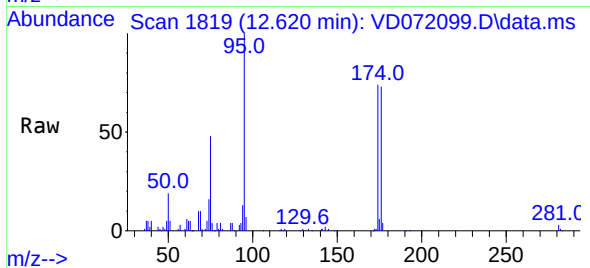




#62
4-Bromofluorobenzene
Concen: 59.149 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072099.D
Acq: 25 Feb 2022 14:39

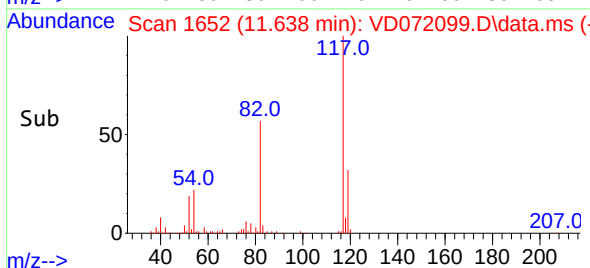
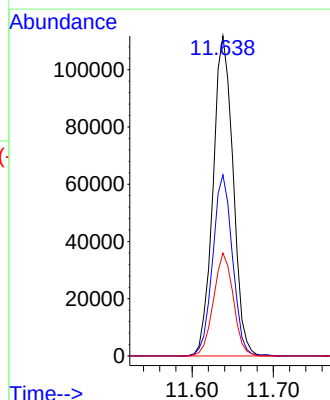
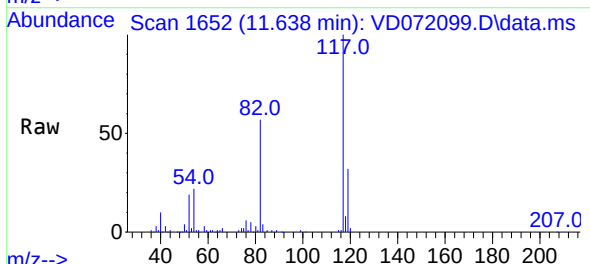
Instrument :
MSVOA_D
ClientSampleId :
REG-MID

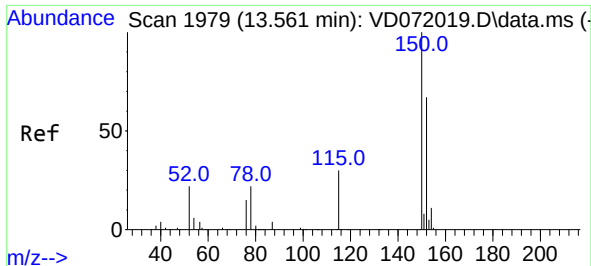
Tgt Ion: 95 Resp: 86498
Ion Ratio Lower Upper
95 100
174 84.2 0.0 155.0
176 77.1 0.0 148.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072099.D
Acq: 25 Feb 2022 14:39

Tgt Ion: 117 Resp: 192249
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.0
119 32.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 19

Delta R.T. 0.006 min

Lab File: VD072099.D

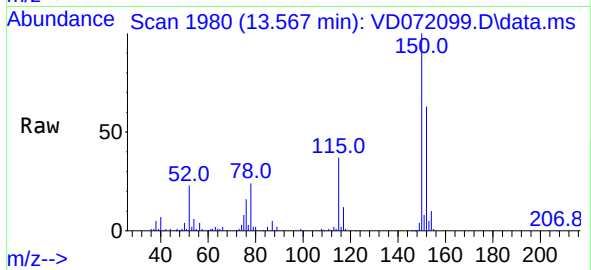
Acq: 25 Feb 2022 14:39

Instrument :

MSVOA_D

ClientSampleId :

REG-MID



Tgt Ion:152 Resp: 95884

Ion Ratio Lower Upper

152 100

115 60.0 29.9 89.7

150 156.7 0.0 347.6

