

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032621\
 Data File : VD068690.D
 Acq On : 26 Mar 2021 17:57
 Operator : VA/SY
 Sample : M1832-02
 Misc : 5.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IG002

Quant Time: Mar 27 00:45:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	239504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	468496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	401124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	130030	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	154263	63.88	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.76%
35) Dibromofluoromethane	7.920	113	167531	57.47	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.94%
50) Toluene-d8	10.338	98	563807	50.17	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.34%
62) 4-Bromofluorobenzene	12.632	95	157417	43.20	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.40%

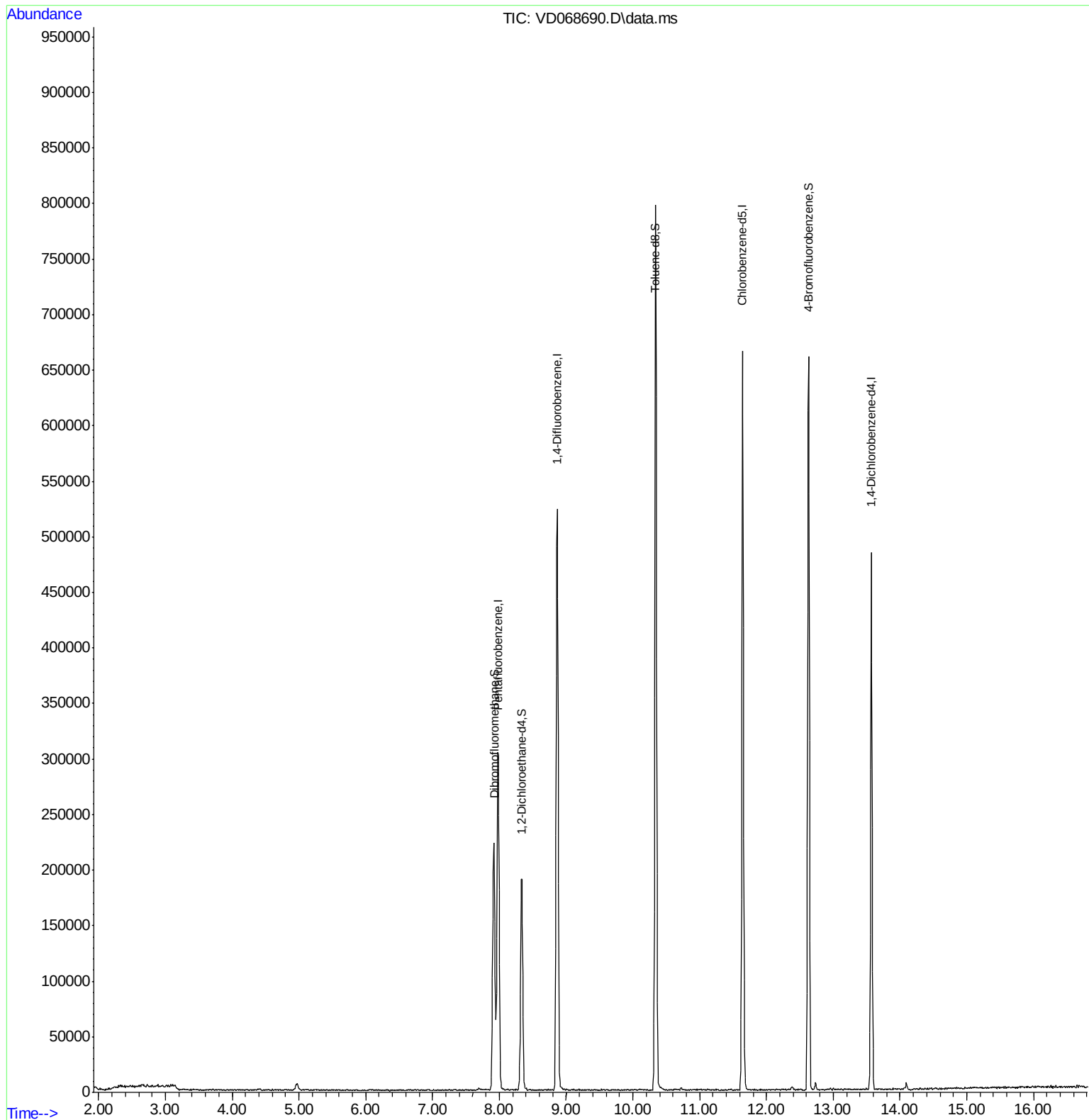
Target Compounds	Qvalue

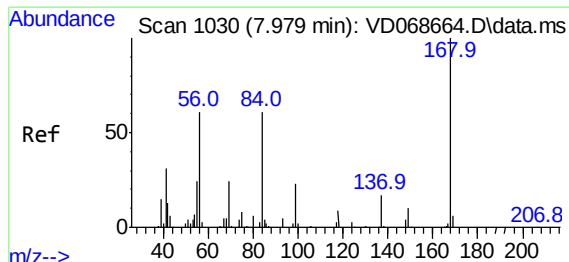
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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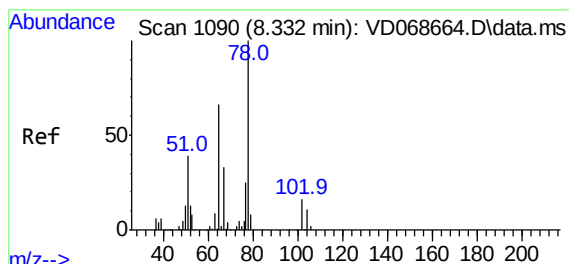
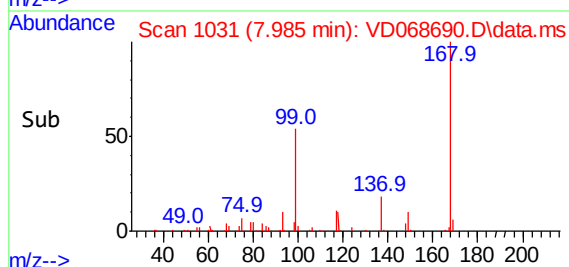
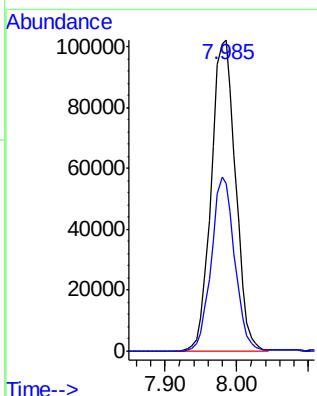
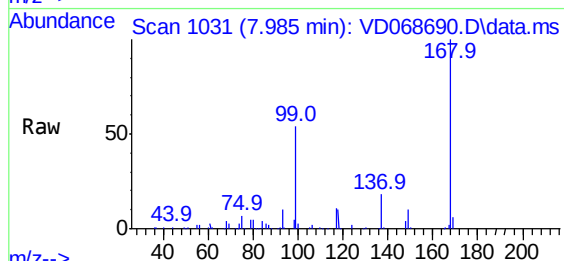




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068690.D
Acq: 26 Mar 2021 17:57

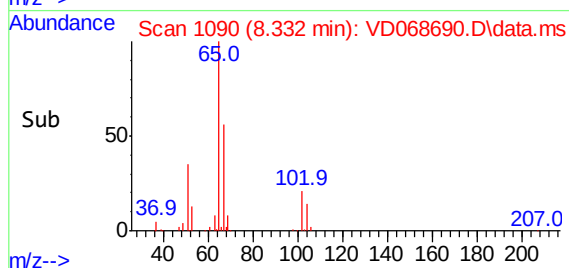
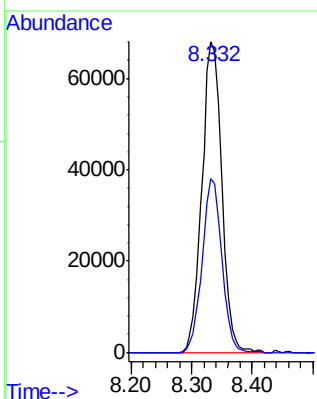
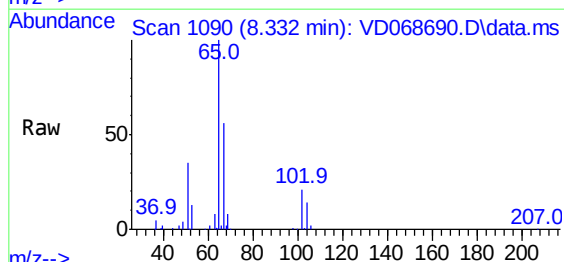
Instrument :
MSVOA_D
ClientSampleID :
IG002

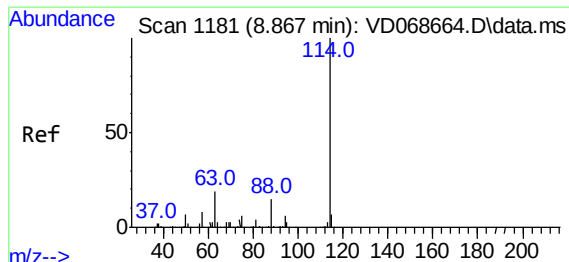
Tgt Ion:168 Resp: 239504
Ion Ratio Lower Upper
168 100
99 53.9 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 63.88 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068690.D
Acq: 26 Mar 2021 17:57

Tgt Ion: 65 Resp: 154263
Ion Ratio Lower Upper
65 100
67 55.1 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VD068690.D

Acq: 26 Mar 2021 17:57

Tgt Ion:114 Resp: 468496

Ion Ratio Lower Upper

114 100

63 17.3 0.0 38.2

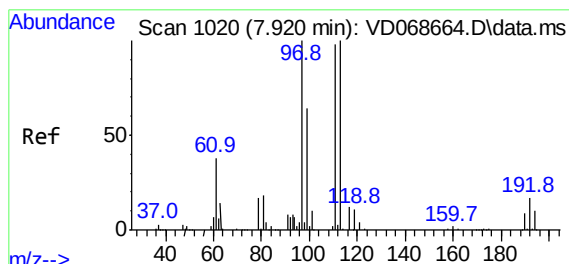
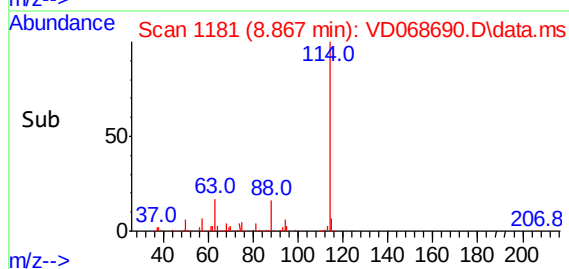
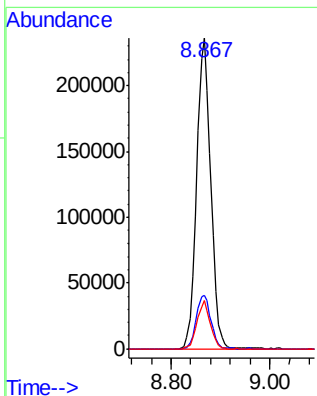
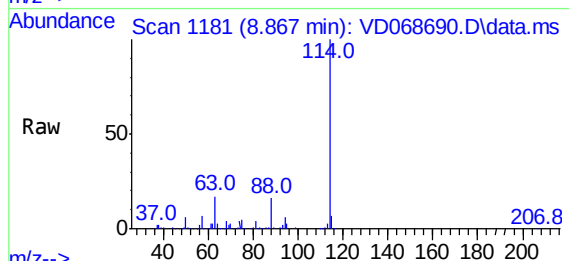
88 15.6 0.0 29.4

Instrument :

MSVOA_D

ClientSampled :

IG002



#35

Dibromofluoromethane

Concen: 57.47 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068690.D

Acq: 26 Mar 2021 17:57

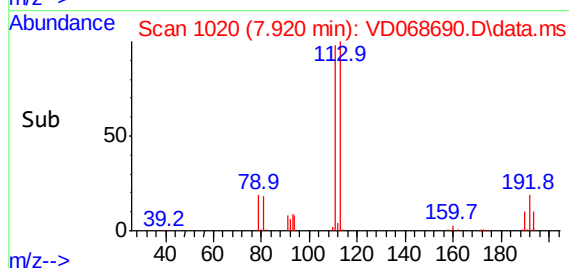
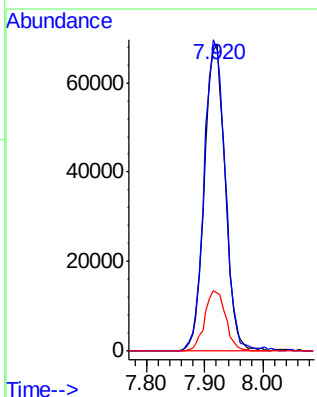
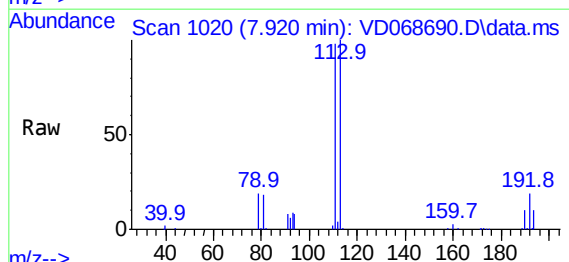
Tgt Ion:113 Resp: 167531

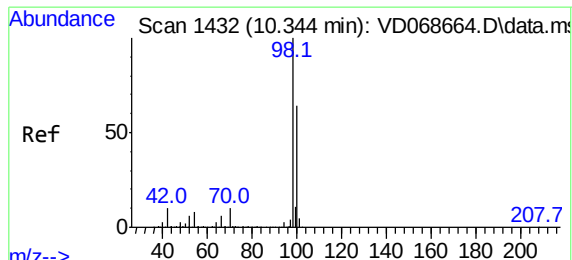
Ion Ratio Lower Upper

113 100

111 102.0 82.5 123.7

192 19.3 15.1 22.7

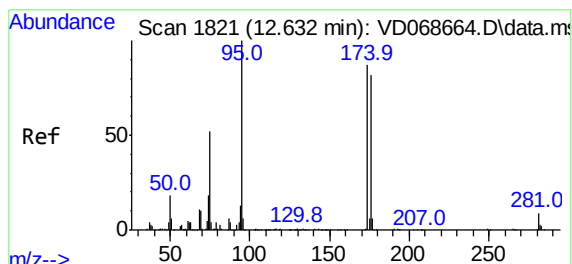
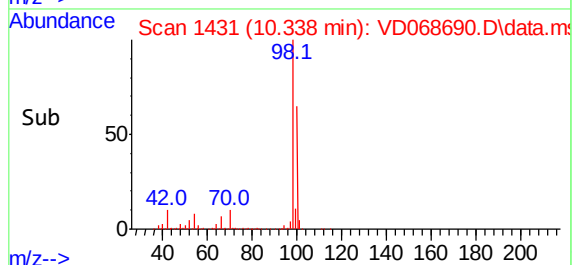
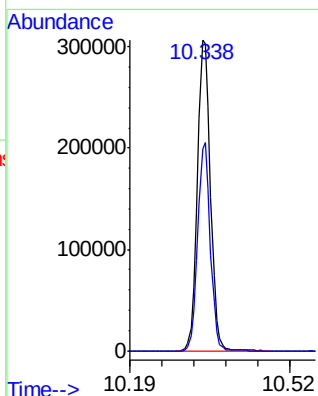
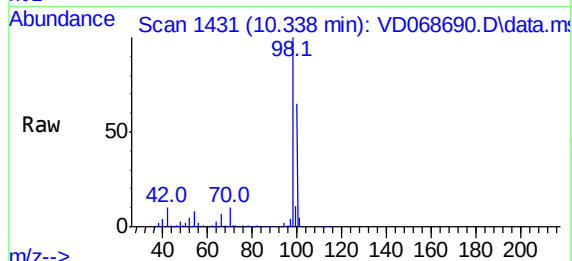




#50
Toluene-d8
Concen: 50.17 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068690.D
Acq: 26 Mar 2021 17:57

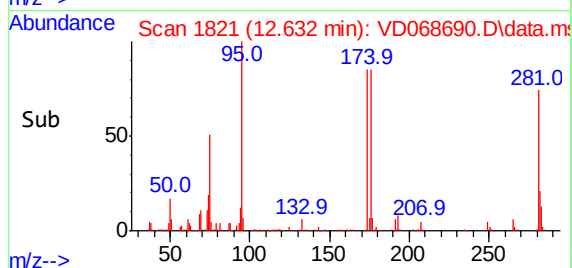
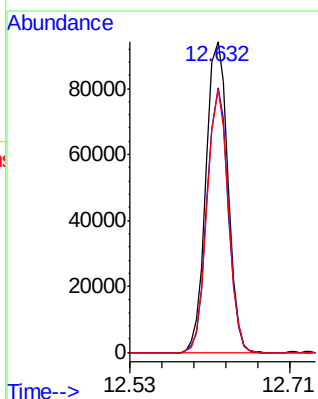
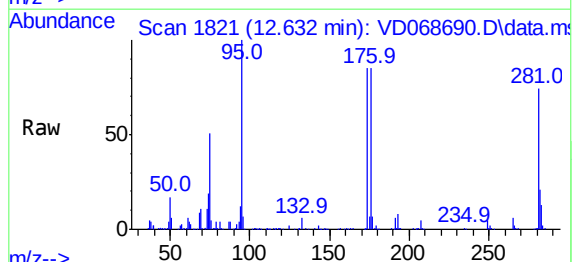
Instrument :
MSVOA_D
ClientSampleId :
IG002

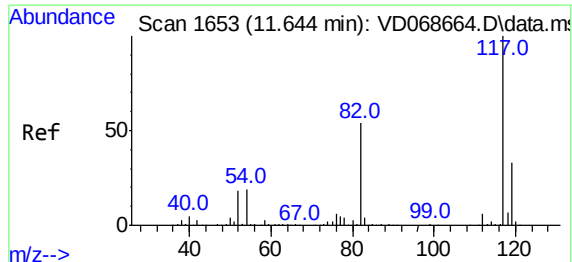
Tgt Ion: 98 Resp: 563807
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 43.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068690.D
Acq: 26 Mar 2021 17:57

Tgt Ion: 95 Resp: 157417
Ion Ratio Lower Upper
95 100
174 82.1 0.0 168.0
176 81.2 0.0 160.2

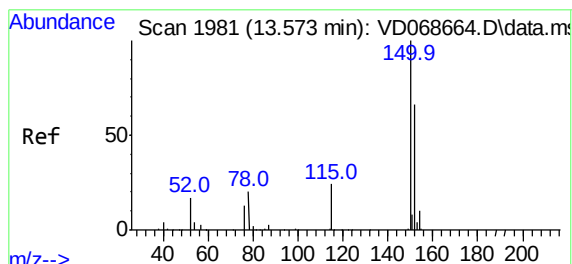
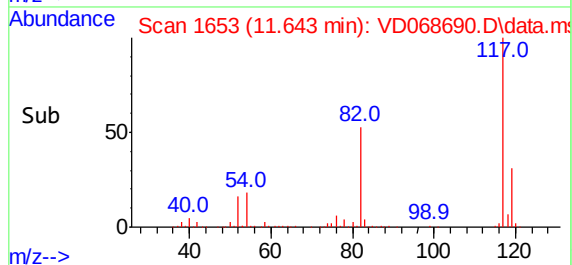
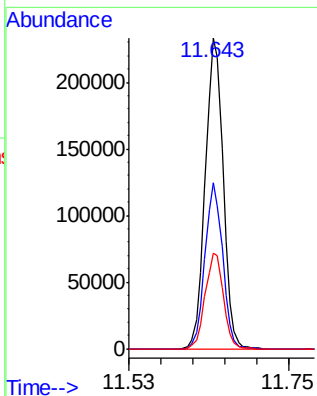
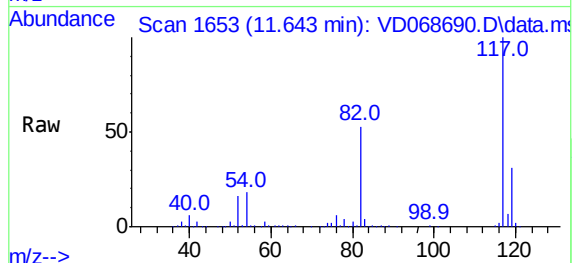




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068690.D
Acq: 26 Mar 2021 17:57

Instrument :
MSVOA_D
ClientSampleId :
IG002

Tgt Ion:117 Resp: 401124
Ion Ratio Lower Upper
117 100
82 53.4 43.5 65.3
119 30.9 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068690.D
Acq: 26 Mar 2021 17:57

Tgt Ion:152 Resp: 130030
Ion Ratio Lower Upper
152 100
115 58.9 29.3 87.8
150 158.4 0.0 347.6

