

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
 Data File : VD071747.D
 Acq On : 19 Jan 2022 16:38
 Operator : VA/SY
 Sample : N1182-01RE
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-2-011822RE

Quant Time: Jan 20 04:59:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	5699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	9280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	8850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	3304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	5954	81.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	162.380%
35) Dibromofluoromethane	7.908	113	3118	50.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.680%
50) Toluene-d8	10.332	98	10845	47.239	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.480%
62) 4-Bromofluorobenzene	12.626	95	3406	42.103	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.200%

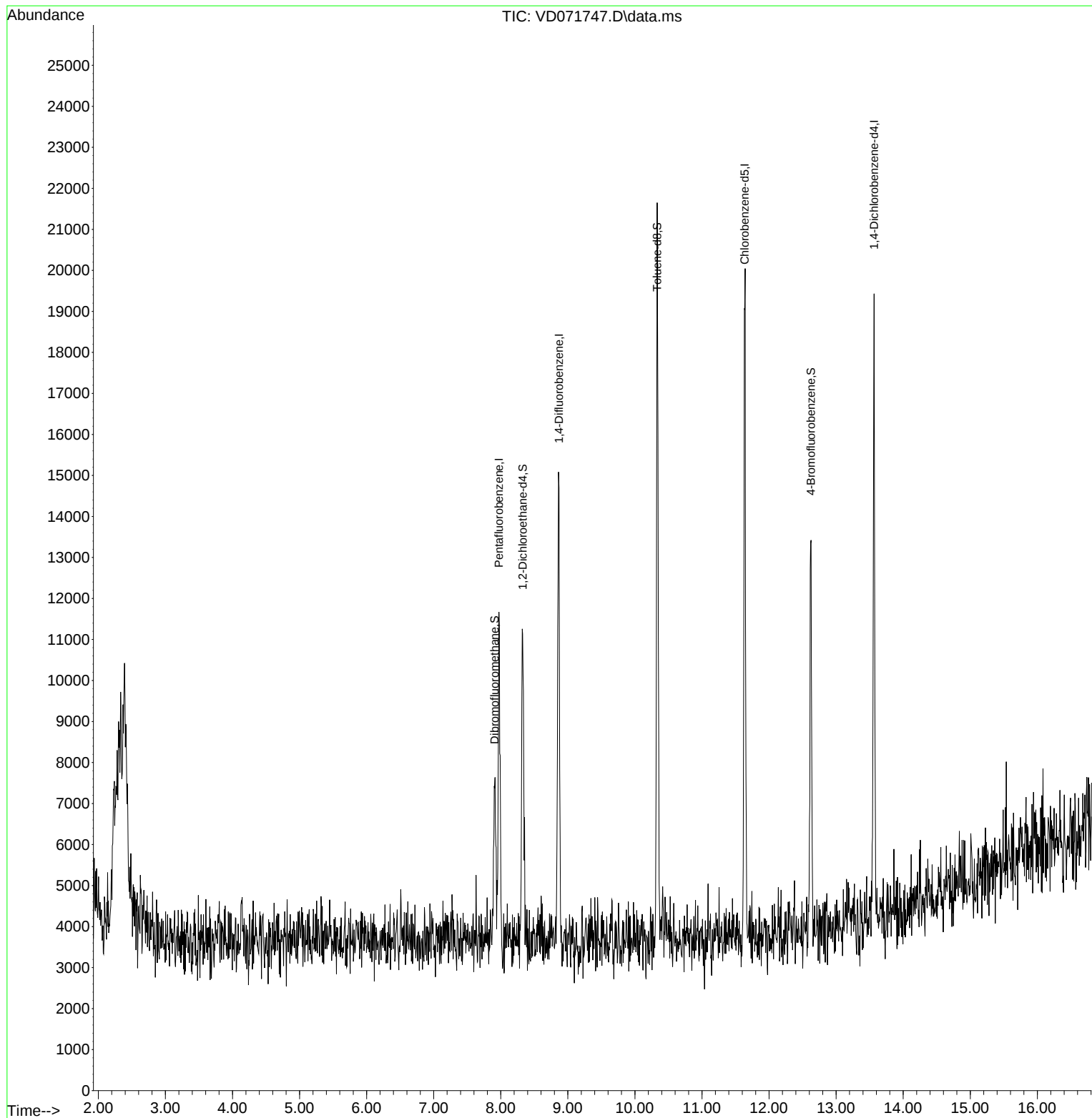
Target Compounds	Qvalue

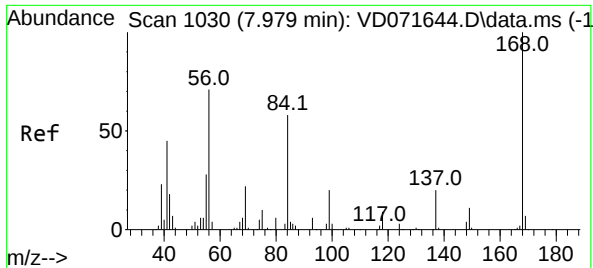
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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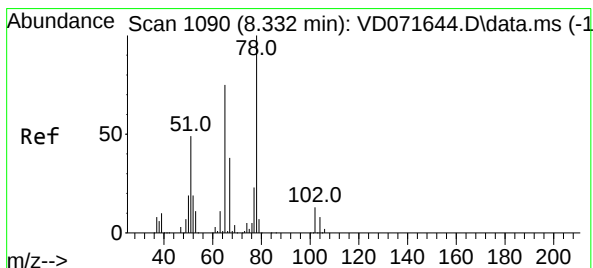
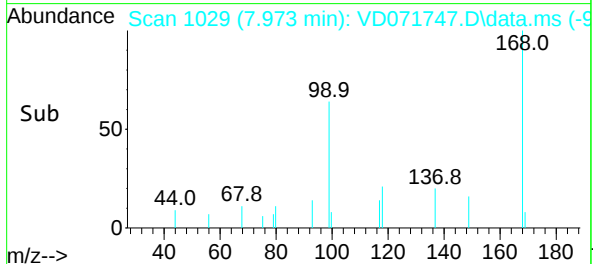
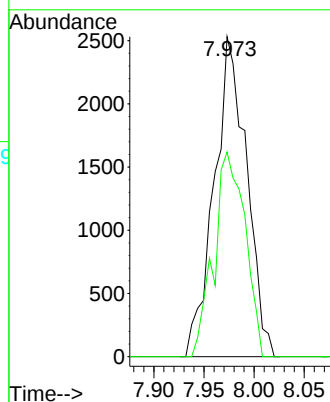
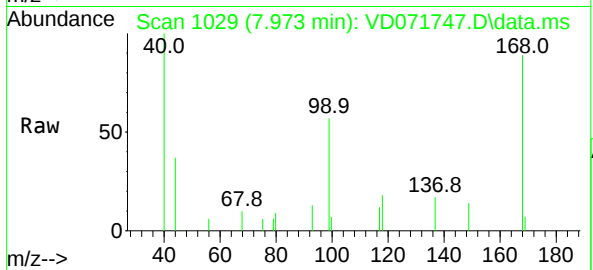




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD071747.D
Acq: 19 Jan 2022 16:38

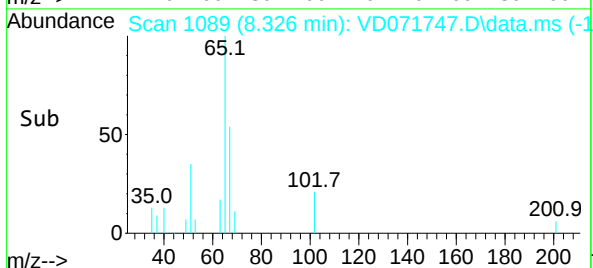
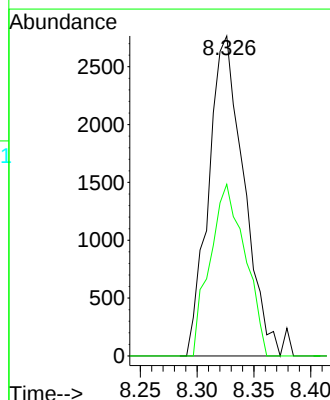
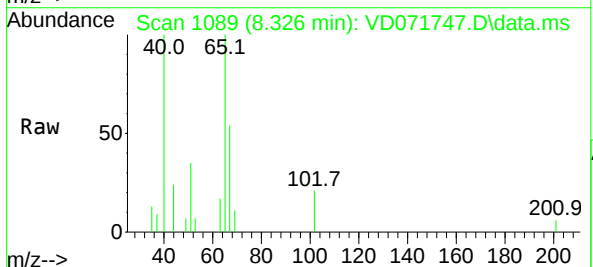
Instrument :
MSVOA_D
ClientSampleId :
OR-2-011822RE

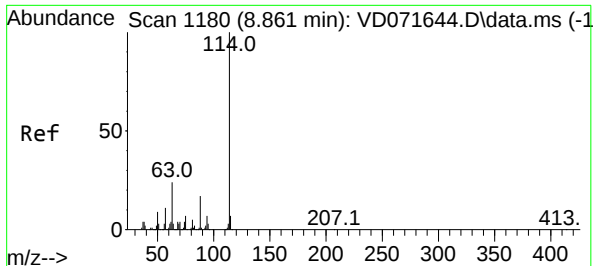
Tgt Ion:168 Resp: 5699
Ion Ratio Lower Upper
168 100
99 64.0 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 81.195 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071747.D
Acq: 19 Jan 2022 16:38

Tgt Ion: 65 Resp: 5954
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071747.D

Acq: 19 Jan 2022 16:38

Instrument :

MSVOA_D

ClientSampleId :

OR-2-011822RE

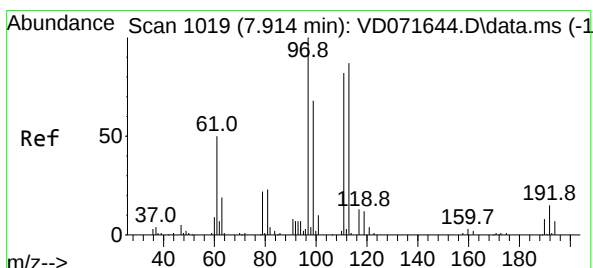
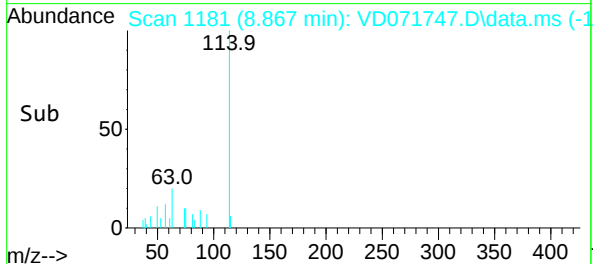
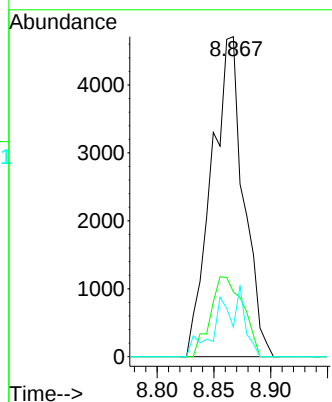
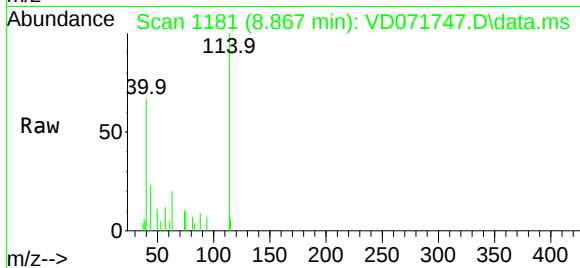
Tgt Ion:114 Resp: 9280

Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.2

88 9.3 0.0 32.0



#35

Dibromofluoromethane

Concen: 50.840 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071747.D

Acq: 19 Jan 2022 16:38

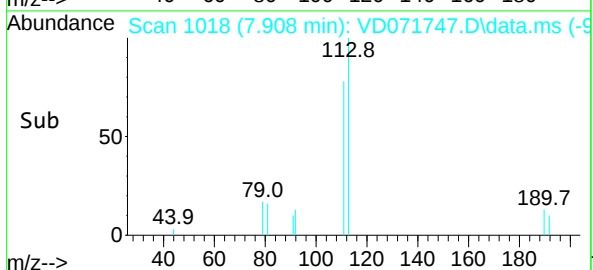
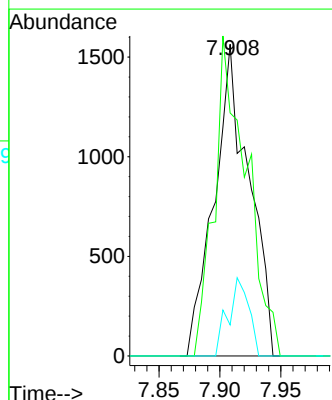
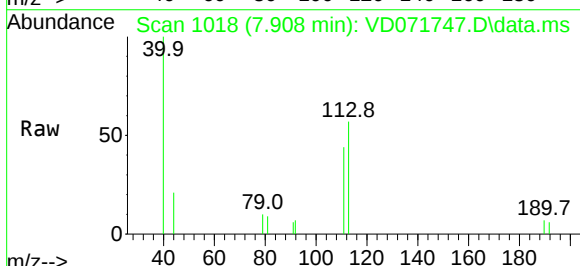
Tgt Ion:113 Resp: 3118

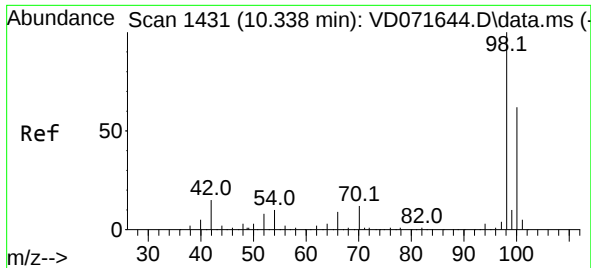
Ion Ratio Lower Upper

113 100

111 95.0 82.2 123.4

192 14.8 14.2 21.2

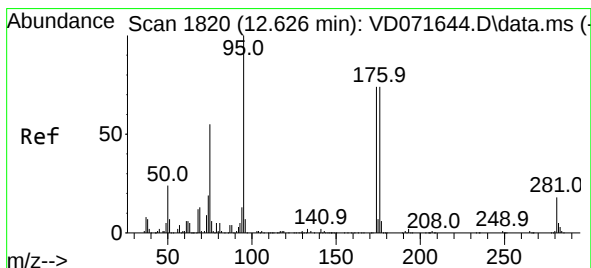
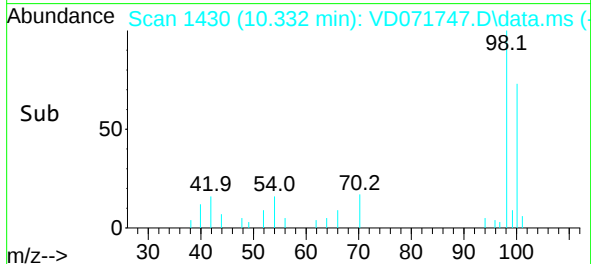
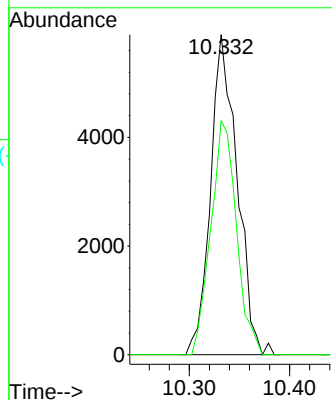
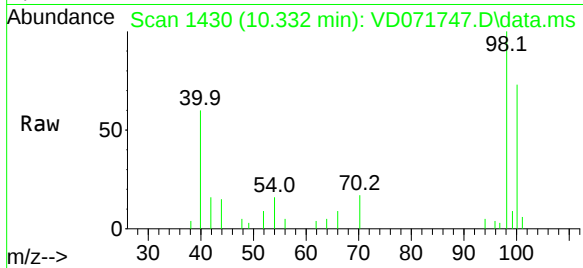




#50
Toluene-d8
Concen: 47.239 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD071747.D
Acq: 19 Jan 2022 16:38

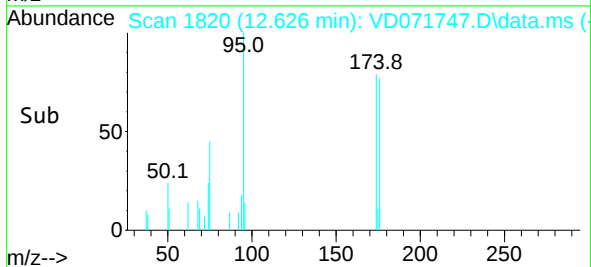
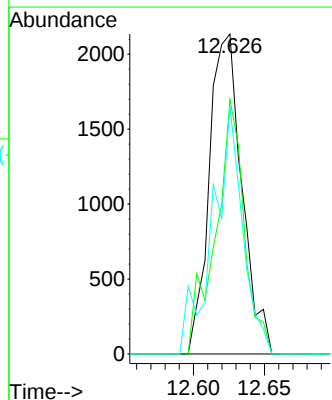
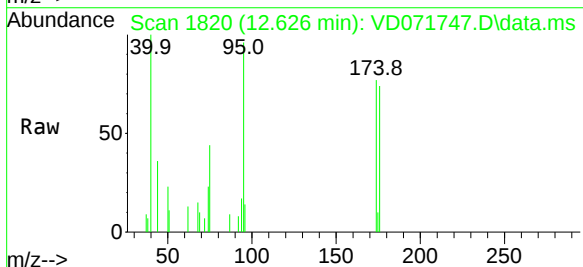
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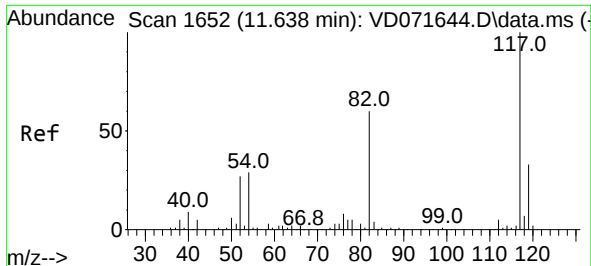
Tgt Ion: 98 Resp: 10845
Ion Ratio Lower Upper
98 100
100 70.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.103 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071747.D
Acq: 19 Jan 2022 16:38

Tgt Ion: 95 Resp: 3406
Ion Ratio Lower Upper
95 100
174 70.0 0.0 150.0
176 71.2 0.0 146.4

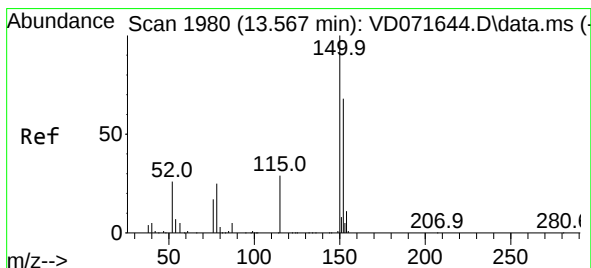
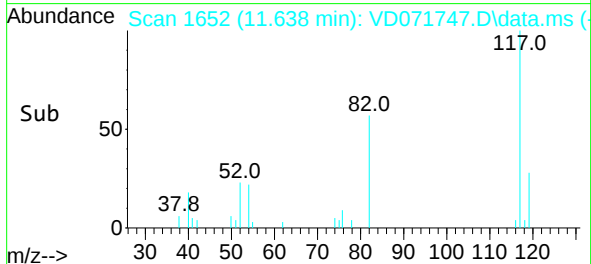
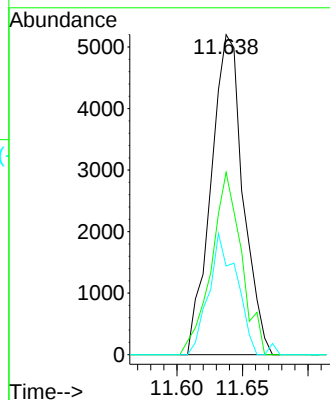
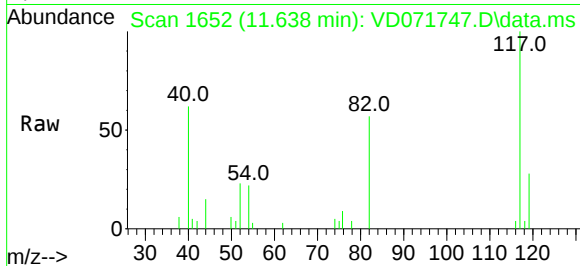




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071747.D
Acq: 19 Jan 2022 16:38

Instrument :
MSVOA_D
ClientSampleId :
OR-2-011822RE

Tgt Ion:	117	Resp:	8850
Ion	Ratio	Lower	Upper
117	100		
82	57.0	46.9	70.3
119	27.7	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071747.D
Acq: 19 Jan 2022 16:38

Tgt Ion:	152	Resp:	3304
Ion	Ratio	Lower	Upper
152	100		
115	66.4	31.5	94.5
150	165.5	0.0	348.0

