

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011122\
 Data File : VD071675.D
 Acq On : 11 Jan 2022 17:30
 Operator : VA/SY
 Sample : N1107-03
 Misc : 4.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-04-011122

Quant Time: Jan 12 04:27:43 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	7.979	168	334821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	623946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	549020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	225713	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	210821	48.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.860%
35) Dibromofluoromethane	7.914	113	200483	48.620	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.240%
50) Toluene-d8	10.338	98	804821	52.140	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.280%
62) 4-Bromofluorobenzene	12.626	95	238852	43.914	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.820%

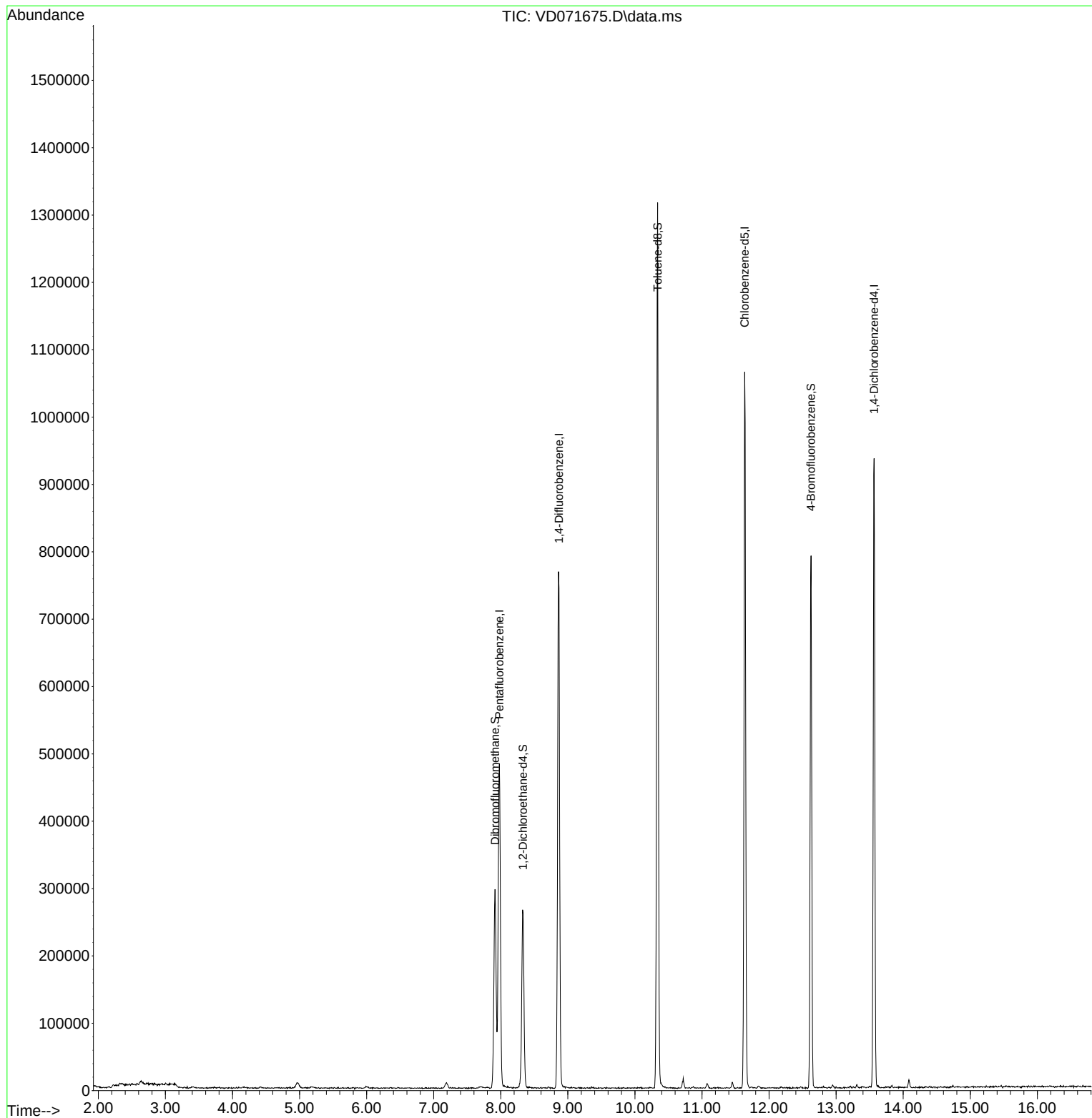
Target Compounds	Qvalue

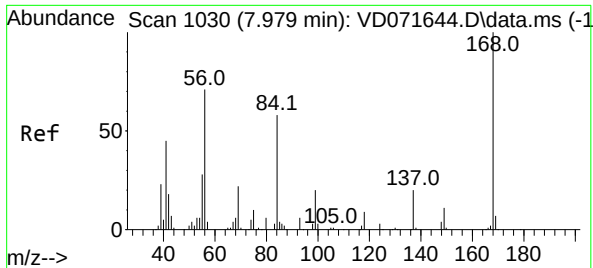
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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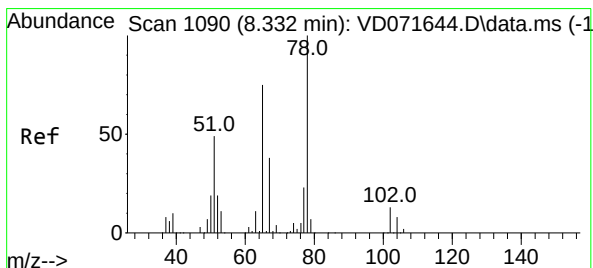
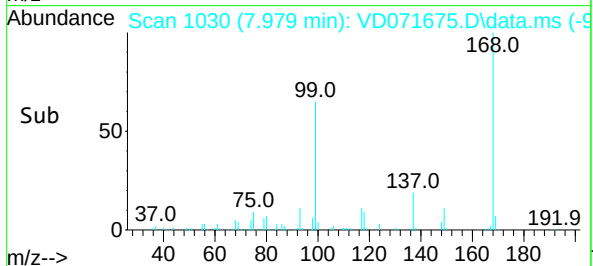
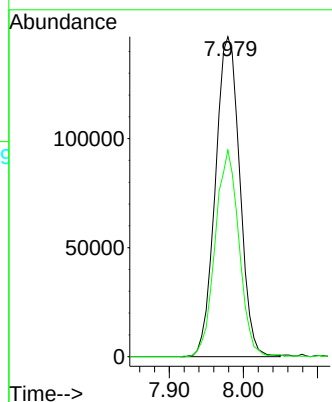
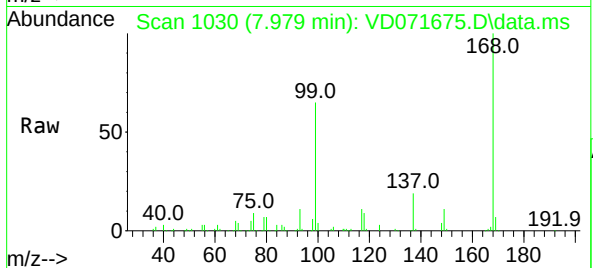




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071675.D
Acq: 11 Jan 2022 17:30

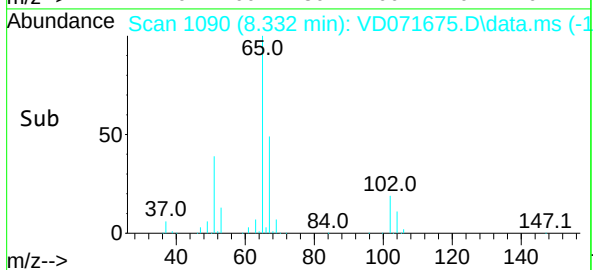
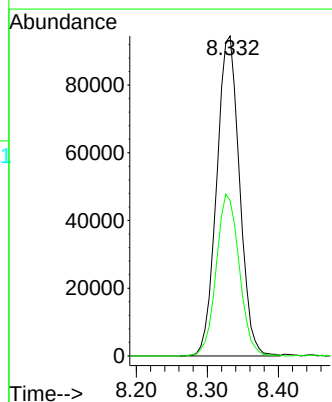
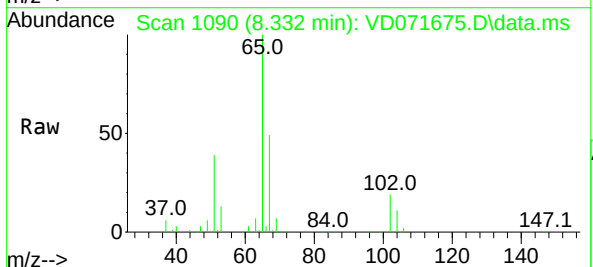
Instrument :
MSVOA_D
ClientSampleId :
PT-04-011122

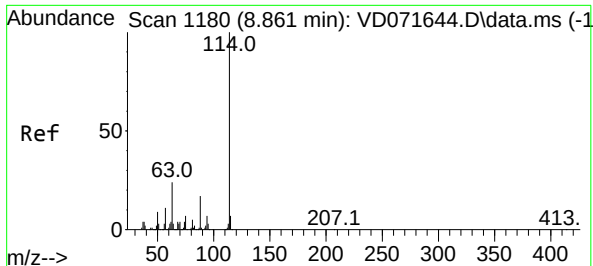
Tgt Ion:168 Resp: 334821
Ion Ratio Lower Upper
168 100
99 64.5 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 48.935 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD071675.D
Acq: 11 Jan 2022 17:30

Tgt Ion: 65 Resp: 210821
Ion Ratio Lower Upper
65 100
67 51.0 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: VD071675.D

Acq: 11 Jan 2022 17:30

Instrument :

MSVOA_D

ClientSampleId :

PT-04-011122

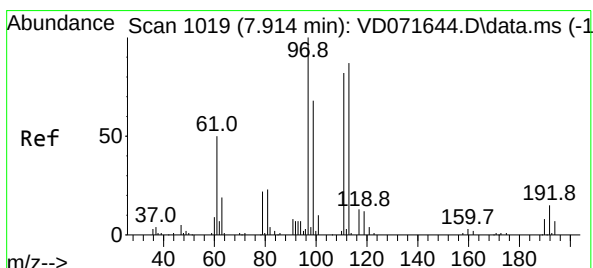
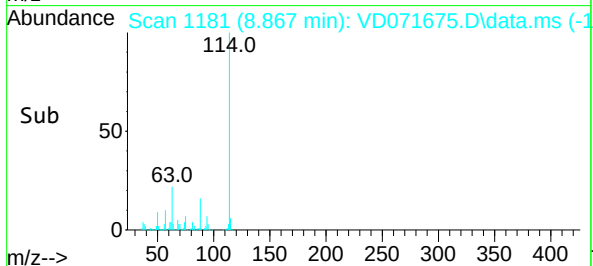
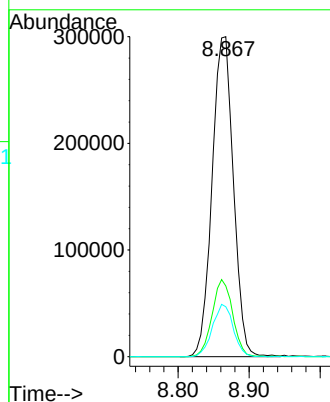
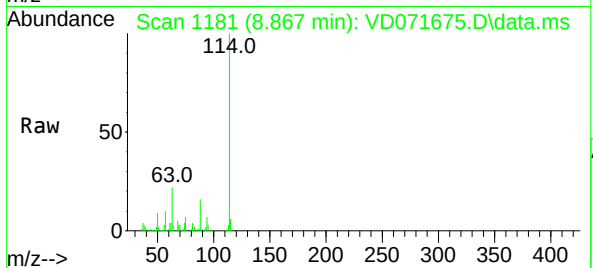
Tgt Ion:114 Resp: 623946

Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.2

88 15.6 0.0 32.0



#35

Dibromofluoromethane

Concen: 48.620 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071675.D

Acq: 11 Jan 2022 17:30

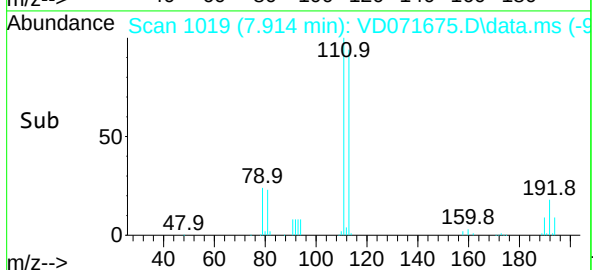
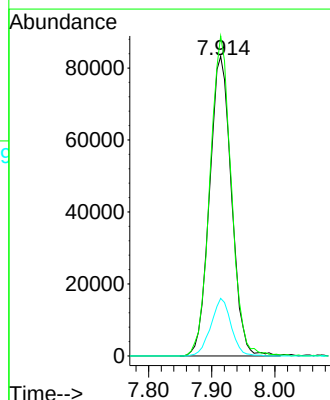
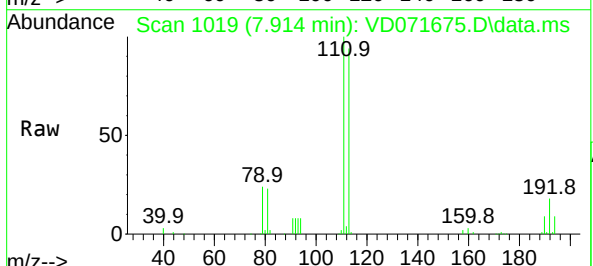
Tgt Ion:113 Resp: 200483

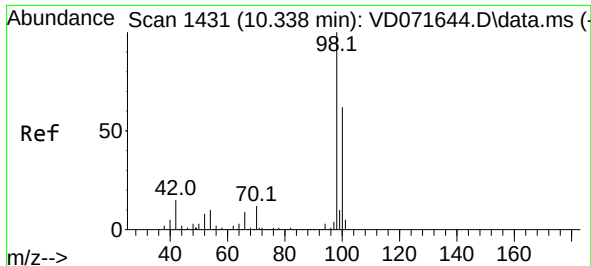
Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

192 17.8 14.2 21.2

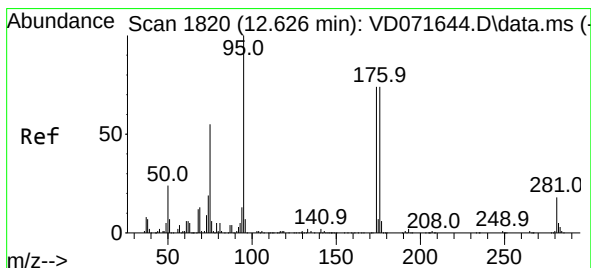
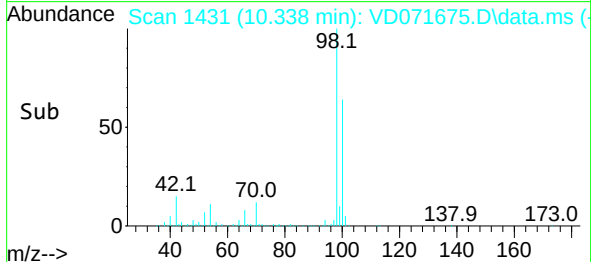
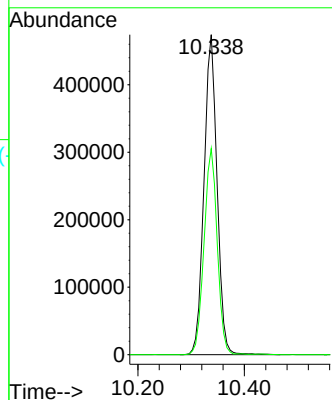
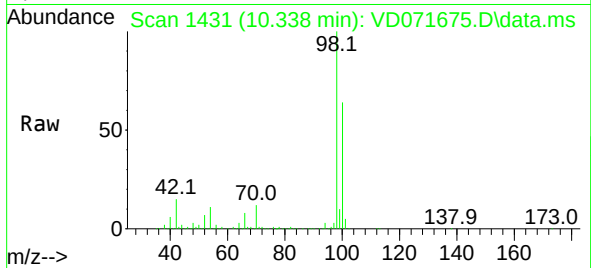




#50
Toluene-d8
Concen: 52.140 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071675.D
Acq: 11 Jan 2022 17:30

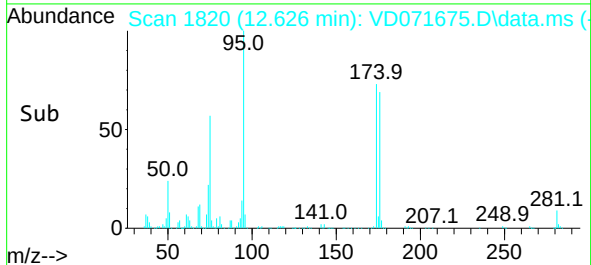
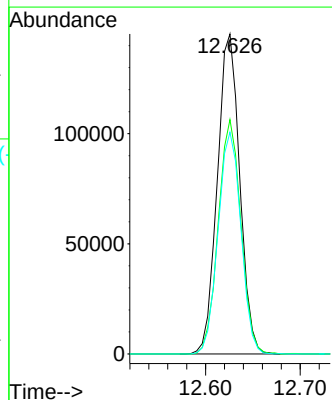
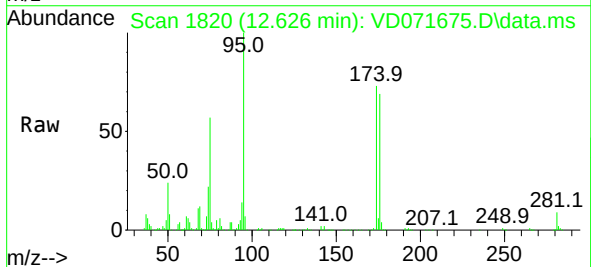
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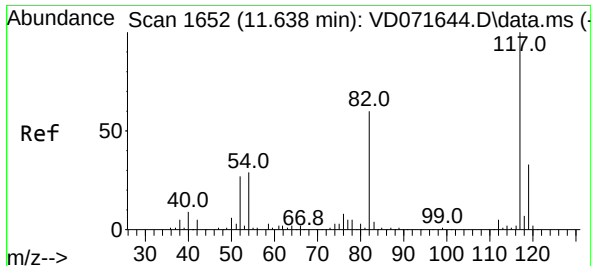
Tgt Ion: 98 Resp: 804821
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.914 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071675.D
Acq: 11 Jan 2022 17:30

Tgt Ion: 95 Resp: 238852
Ion Ratio Lower Upper
95 100
174 74.1 0.0 150.0
176 70.5 0.0 146.4

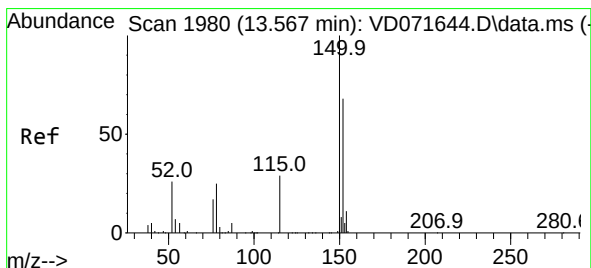
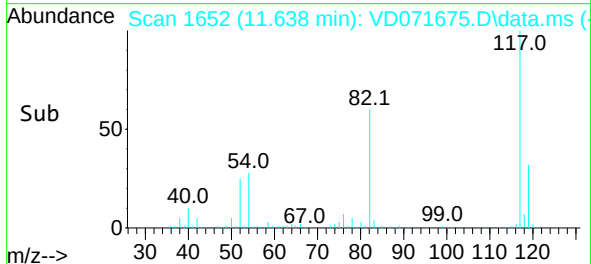
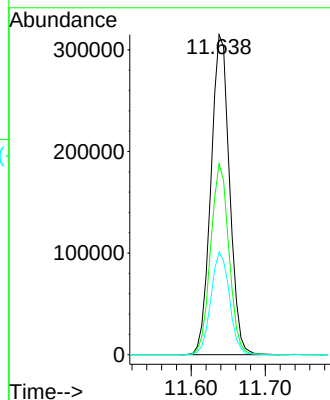
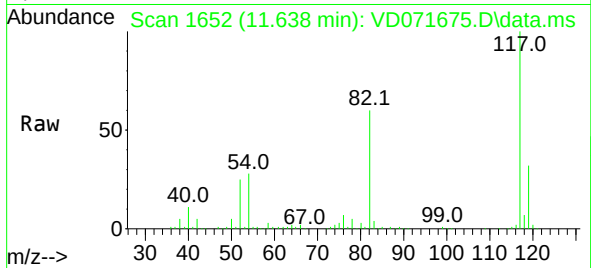




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071675.D
Acq: 11 Jan 2022 17:30

Instrument :
MSVOA_D
ClientSampleId :
PT-04-011122

Tgt Ion:117 Resp: 549020
Ion Ratio Lower Upper
117 100
82 59.7 46.9 70.3
119 32.0 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: VD071675.D
Acq: 11 Jan 2022 17:30

Tgt Ion:152 Resp: 225713
Ion Ratio Lower Upper
152 100
115 60.8 31.5 94.5
150 157.0 0.0 348.0

