

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011122\
 Data File : VD071669.D
 Acq On : 11 Jan 2022 11:55
 Operator : VA/SY
 Sample : VD0111SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0111SBL01

Quant Time: Jan 12 04:26:32 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	7.985	168	279225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	505074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	465050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	196265	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	193275	53.795	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.580%
35) Dibromofluoromethane	7.914	113	160225	48.002	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.000%
50) Toluene-d8	10.338	98	603297	48.283	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.560%
62) 4-Bromofluorobenzene	12.626	95	185353	42.098	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.200%

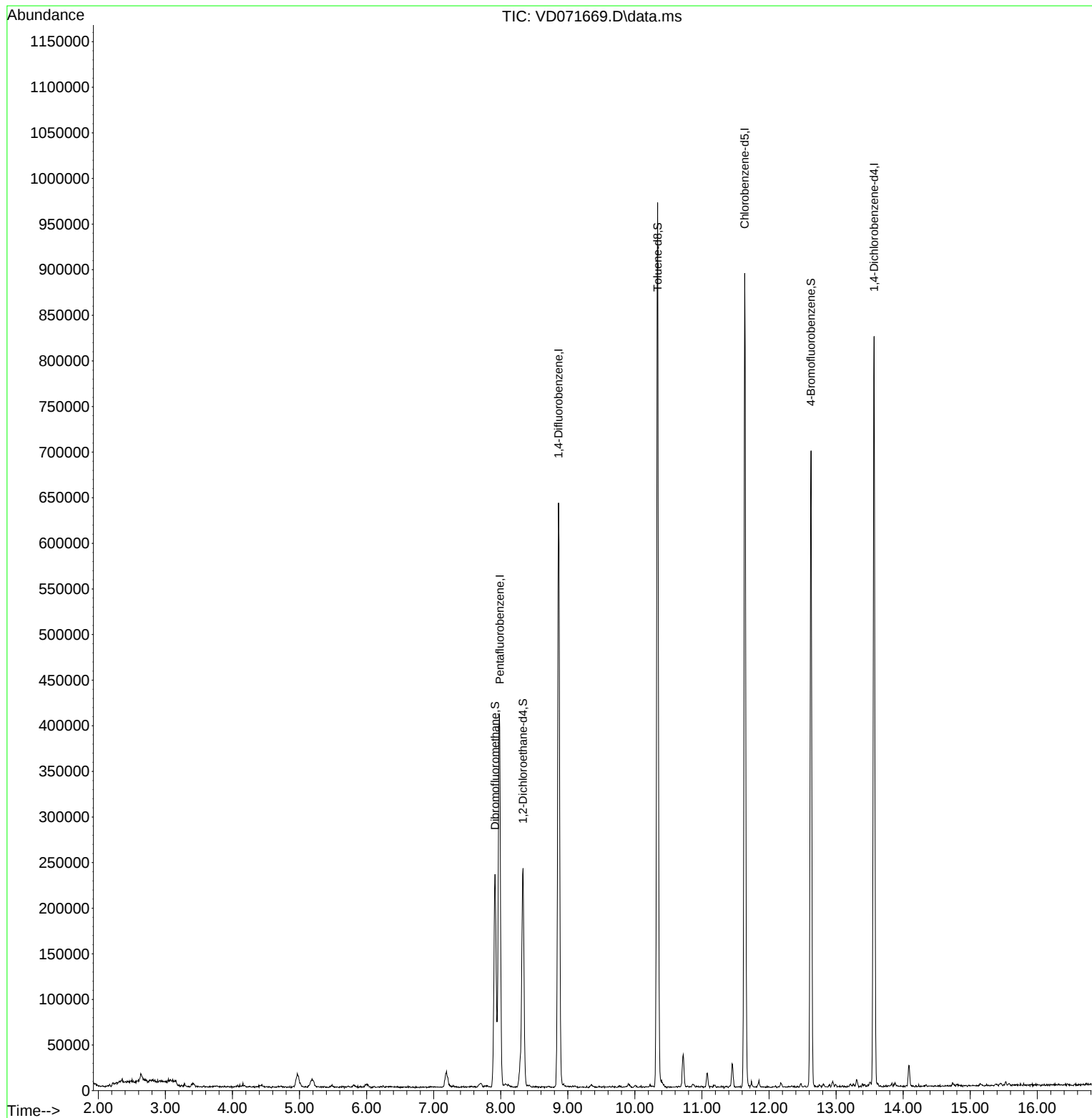
Target Compounds	Qvalue

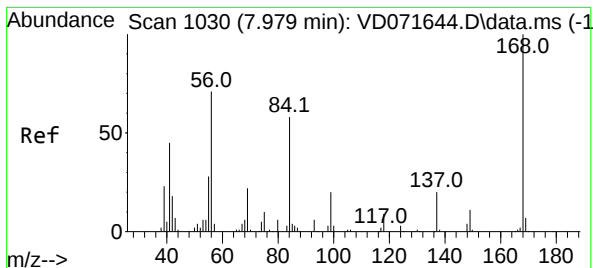
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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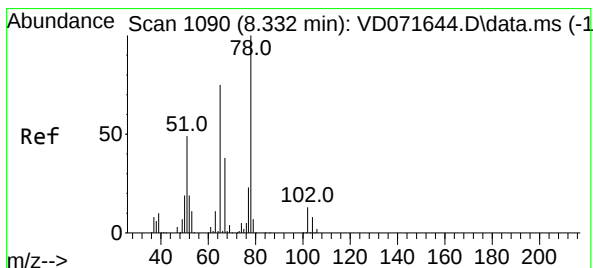
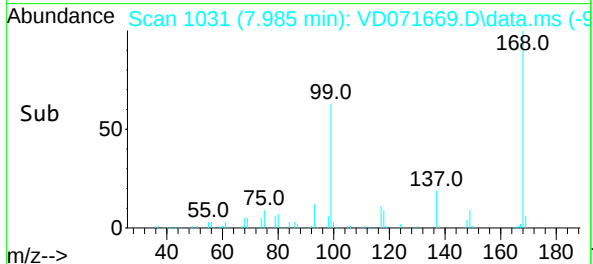
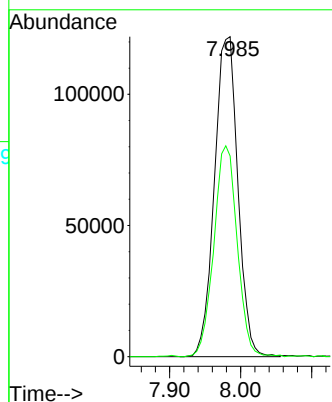
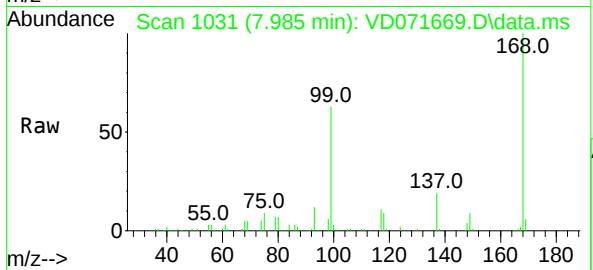




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD071669.D
Acq: 11 Jan 2022 11:55

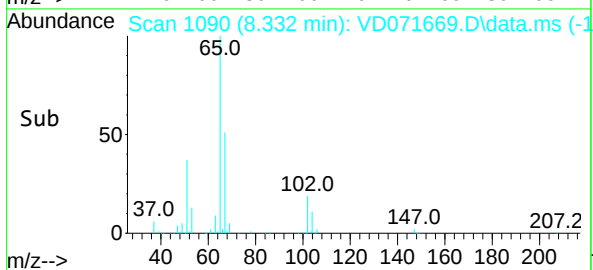
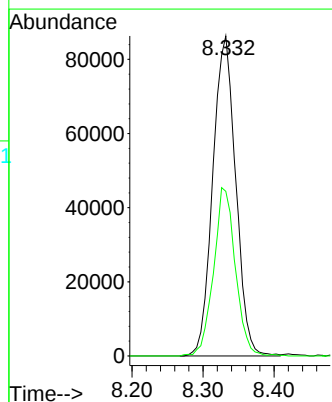
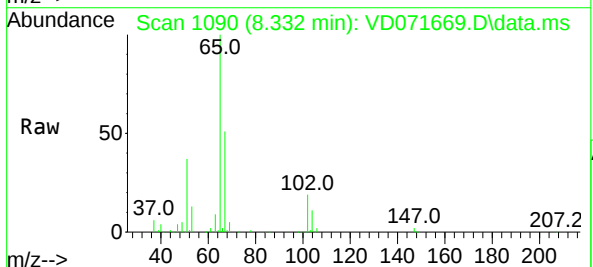
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBL01

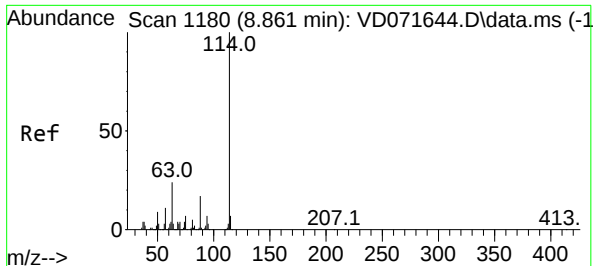
Tgt Ion:168 Resp: 279225
Ion Ratio Lower Upper
168 100
99 62.7 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 53.795 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD071669.D
Acq: 11 Jan 2022 11:55

Tgt Ion: 65 Resp: 193275
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071669.D

Acq: 11 Jan 2022 11:55

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBL01

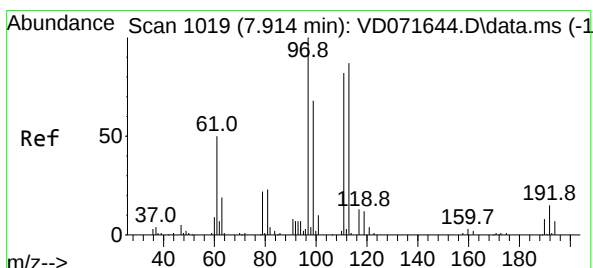
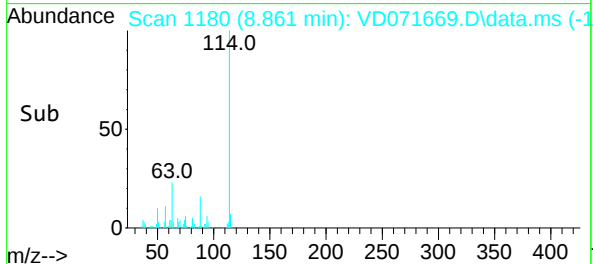
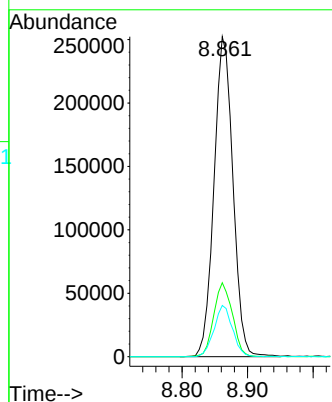
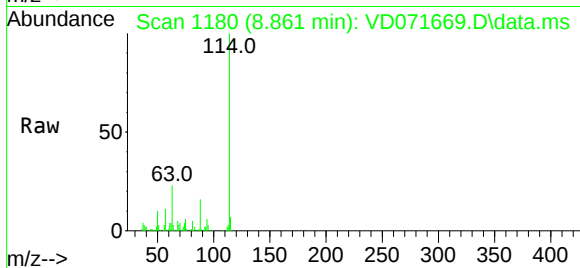
Tgt Ion:114 Resp: 505074

Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.2

88 16.0 0.0 32.0



#35

Dibromofluoromethane

Concen: 48.002 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071669.D

Acq: 11 Jan 2022 11:55

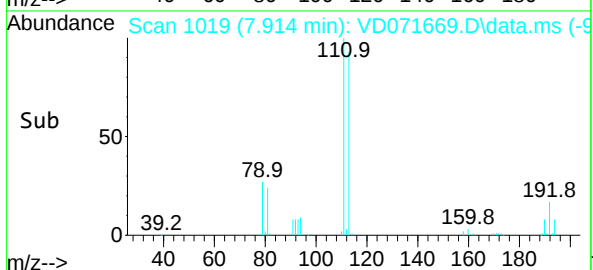
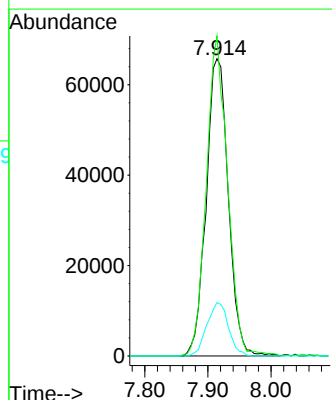
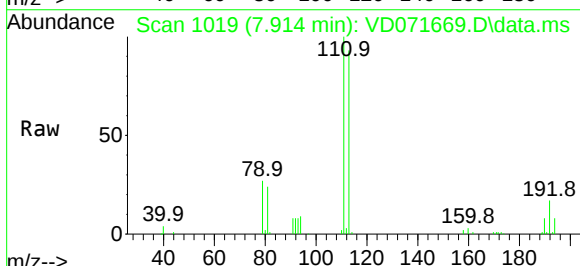
Tgt Ion:113 Resp: 160225

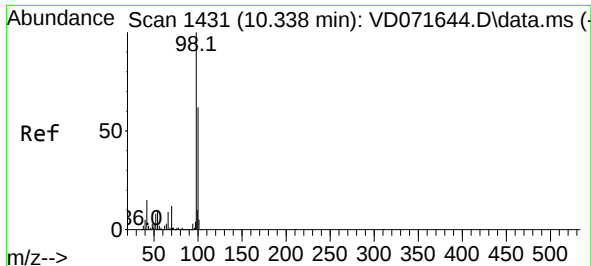
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 17.4 14.2 21.2

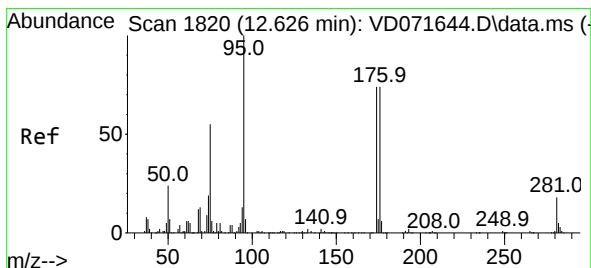
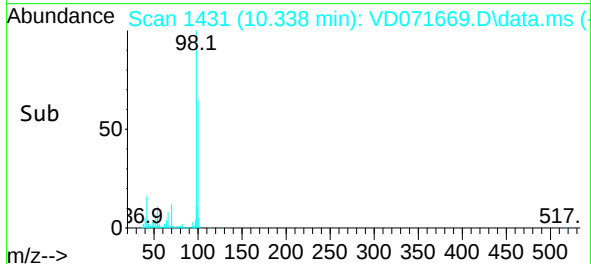
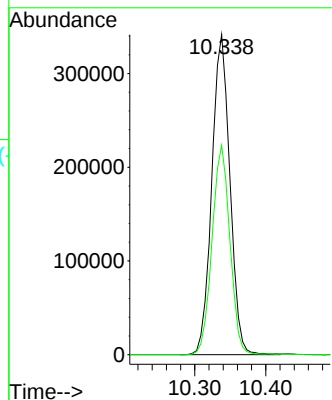
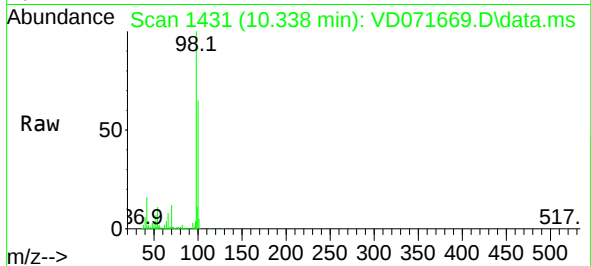




#50
Toluene-d8
Concen: 48.283 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071669.D
Acq: 11 Jan 2022 11:55

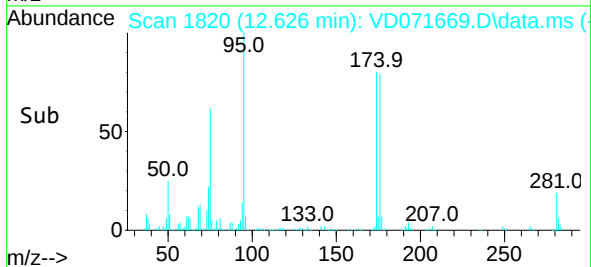
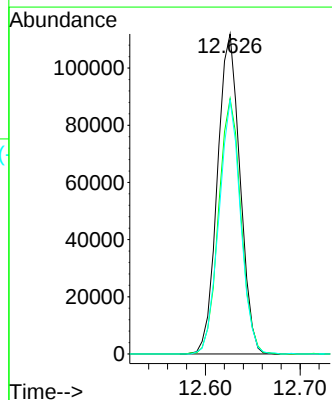
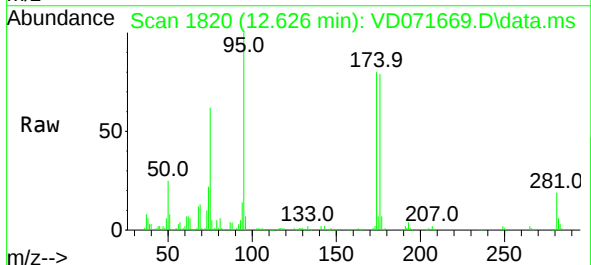
Instrument :
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VD0111SBL01

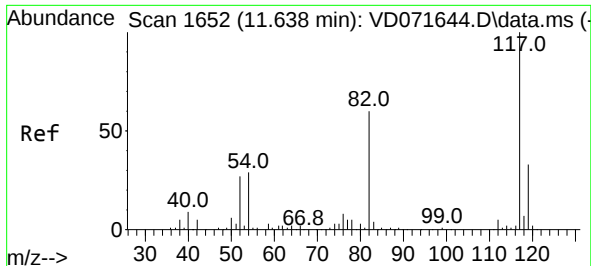
Tgt Ion: 98 Resp: 603297
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.098 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071669.D
Acq: 11 Jan 2022 11:55

Tgt Ion: 95 Resp: 185353
Ion Ratio Lower Upper
95 100
174 78.8 0.0 150.0
176 76.0 0.0 146.4

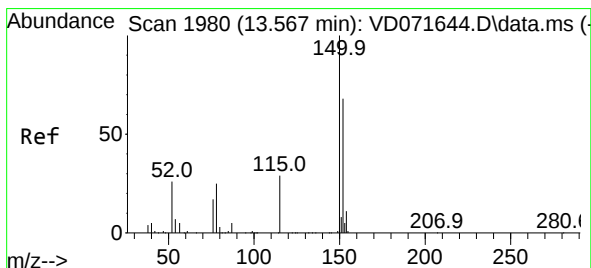
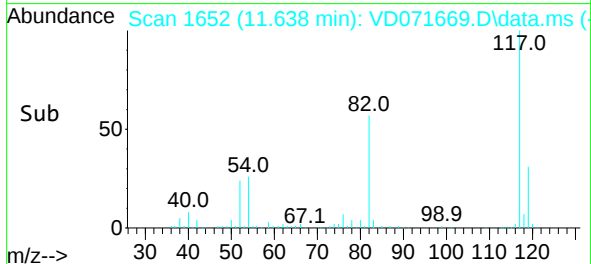
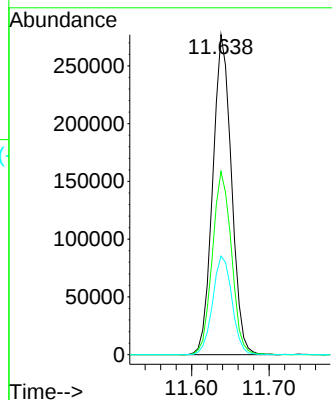
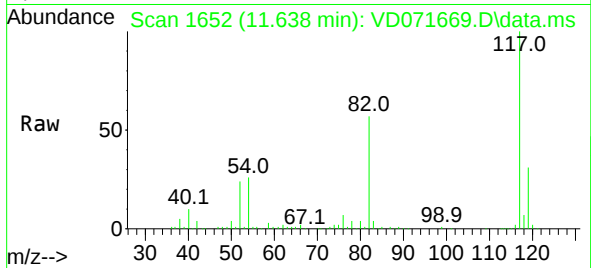




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071669.D
Acq: 11 Jan 2022 11:55

Instrument :
MSVOA_D
ClientSampleId :
VD0111SBL01

Tgt Ion:117 Resp: 465050
Ion Ratio Lower Upper
117 100
82 57.2 46.9 70.3
119 30.8 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: VD071669.D
Acq: 11 Jan 2022 11:55

Tgt Ion:152 Resp: 196265
Ion Ratio Lower Upper
152 100
115 61.8 31.5 94.5
150 160.1 0.0 348.0

