

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011122\
 Data File : VD071674.D
 Acq On : 11 Jan 2022 17:02
 Operator : VA/SY
 Sample : N1107-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-03-011122

Quant Time: Jan 12 04:27:34 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	48412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	91176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	92404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	41732	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	57560	92.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	184.800%#
35) Dibromofluoromethane	7.909	113	35775	59.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.740%
50) Toluene-d8	10.338	98	115063	51.013	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.020%
62) 4-Bromofluorobenzene	12.626	95	42396	53.341	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.680%

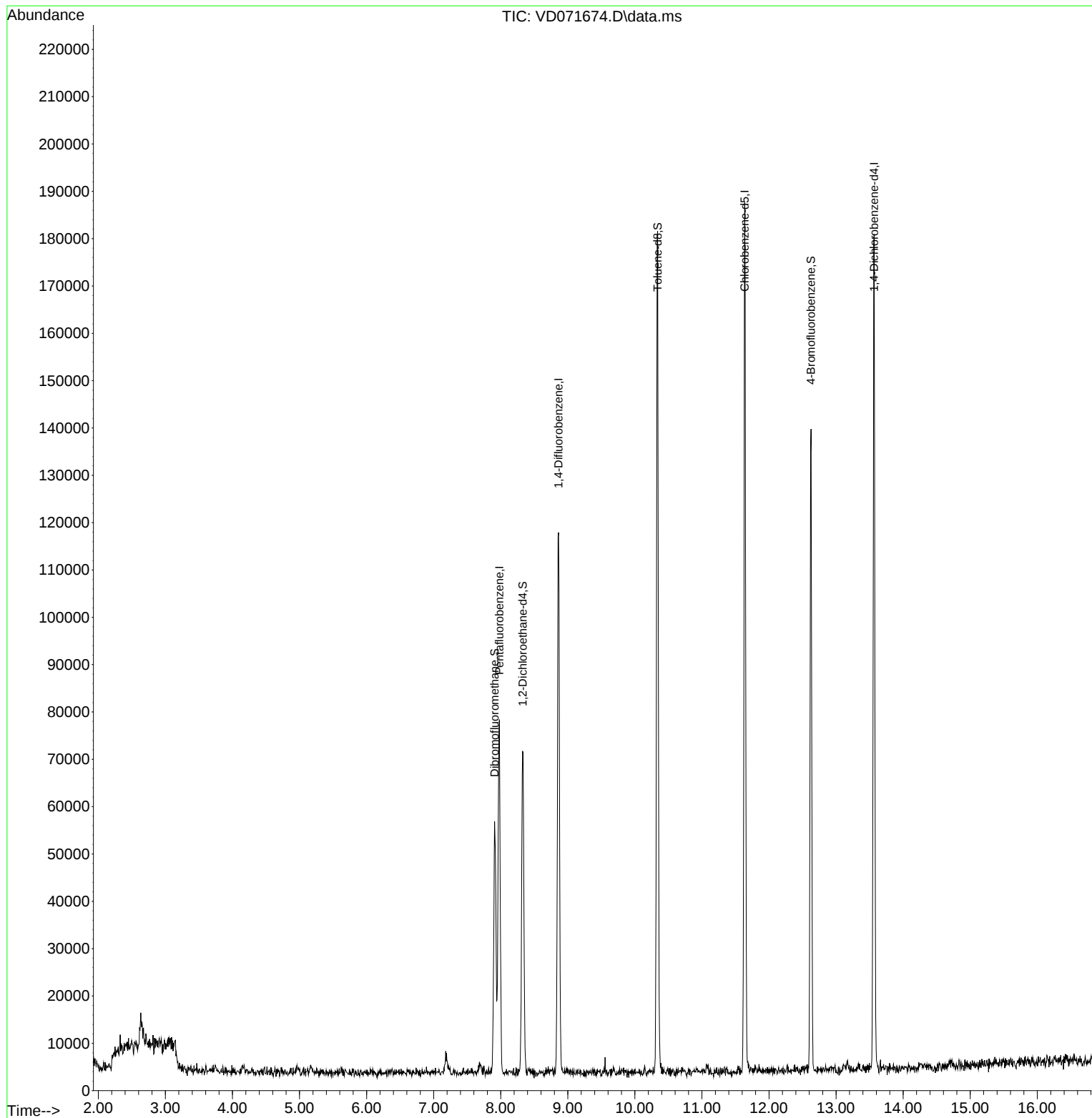
Target Compounds	Qvalue

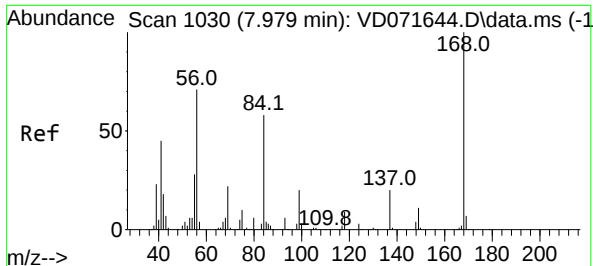
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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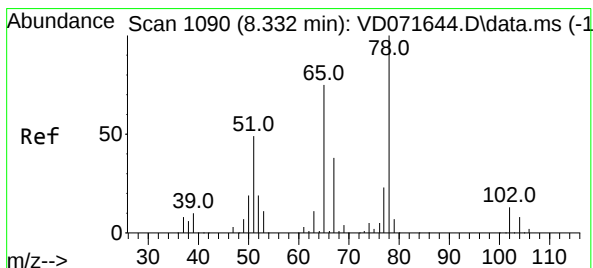
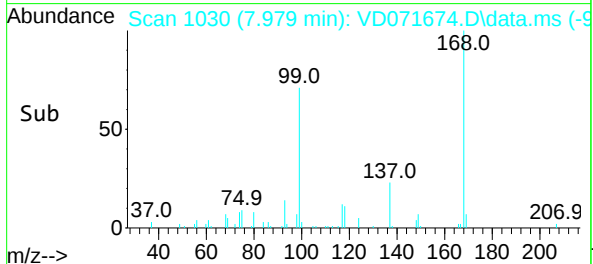
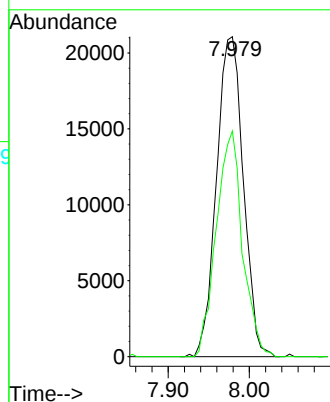
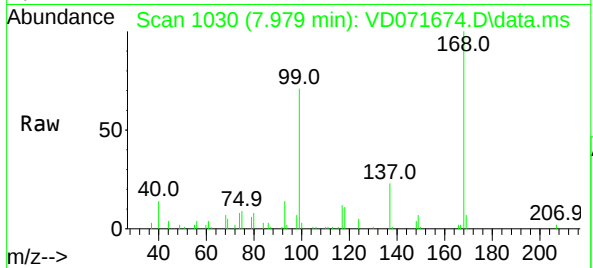




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071674.D
Acq: 11 Jan 2022 17:02

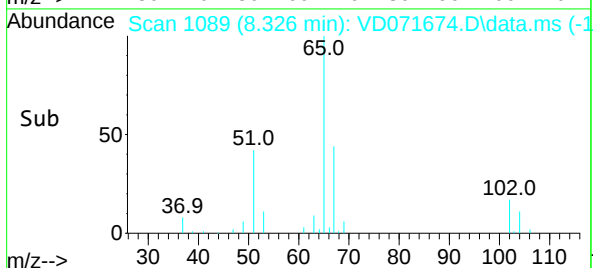
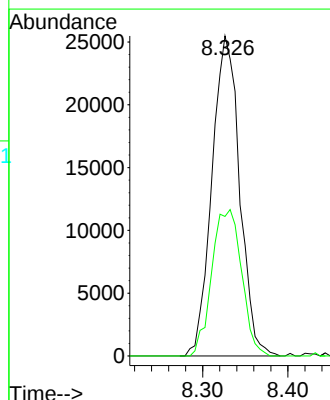
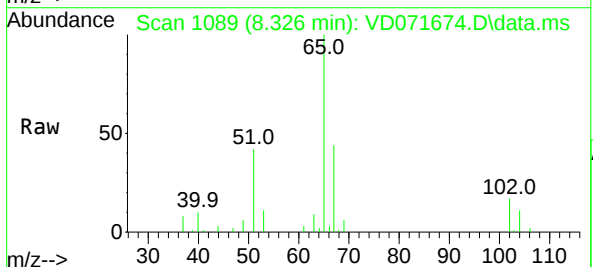
Instrument :
MSVOA_D
ClientSampleId :
PT-03-011122

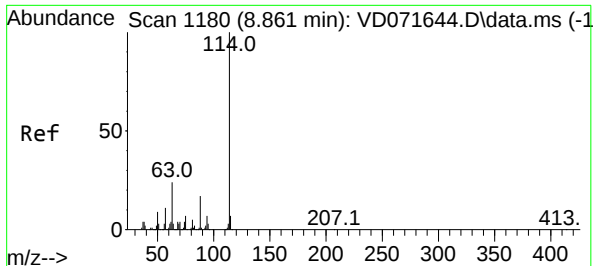
Tgt Ion:168 Resp: 48412
Ion Ratio Lower Upper
168 100
99 70.5 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 92.403 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071674.D
Acq: 11 Jan 2022 17:02

Tgt Ion: 65 Resp: 57560
Ion Ratio Lower Upper
65 100
67 49.1 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071674.D

Acq: 11 Jan 2022 17:02

Instrument :

MSVOA_D

ClientSampleId :

PT-03-011122

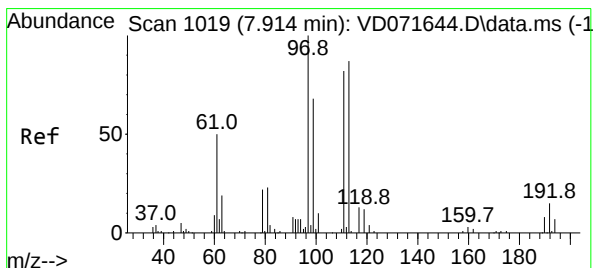
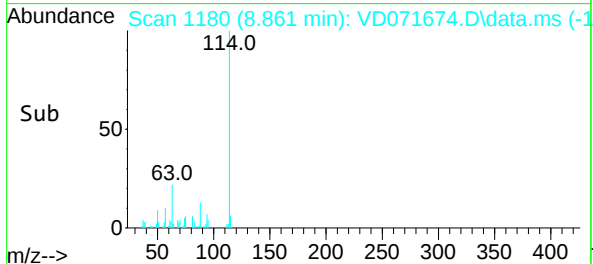
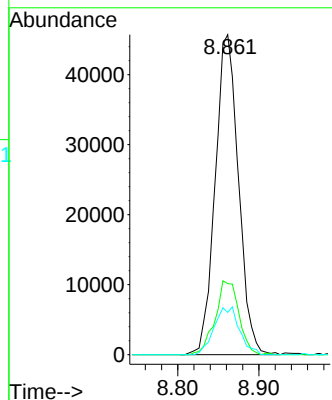
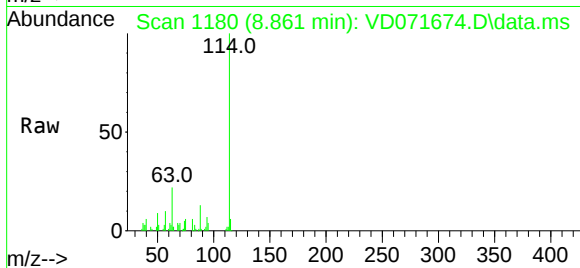
Tgt Ion:114 Resp: 91176

Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.2

88 13.2 0.0 32.0



#35

Dibromofluoromethane

Concen: 59.372 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD071674.D

Acq: 11 Jan 2022 17:02

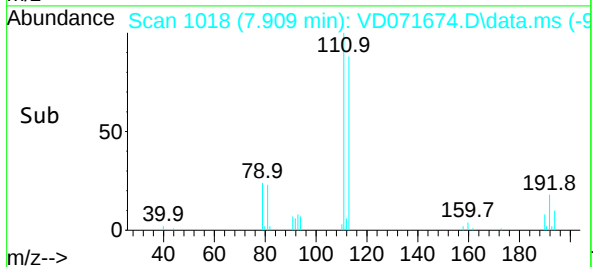
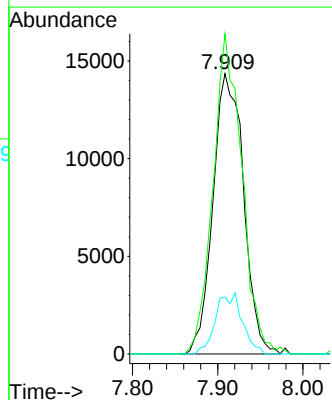
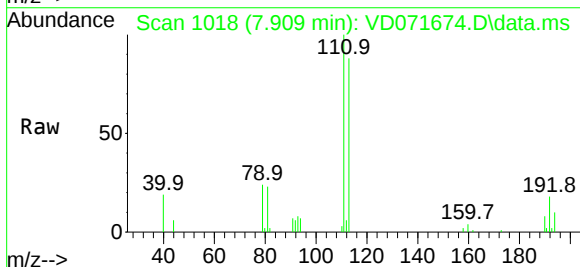
Tgt Ion:113 Resp: 35775

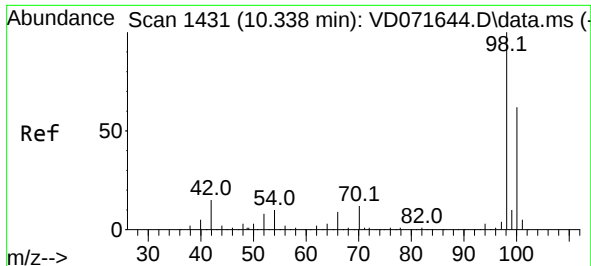
Ion Ratio Lower Upper

113 100

111 108.2 82.2 123.4

192 19.0 14.2 21.2

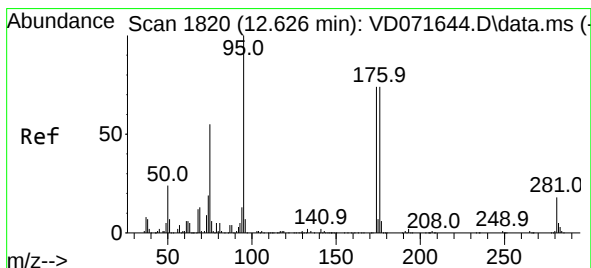
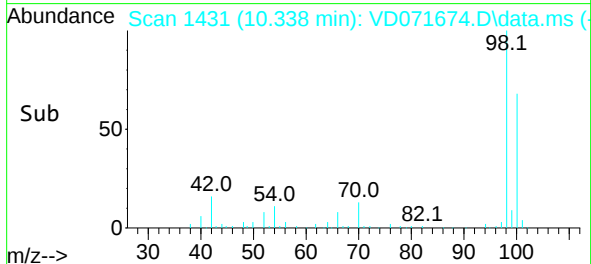
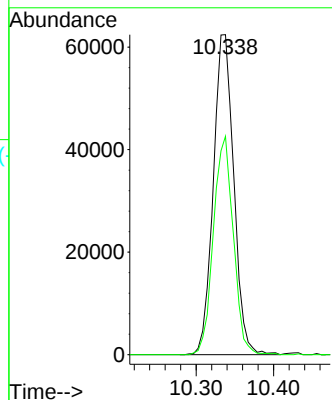
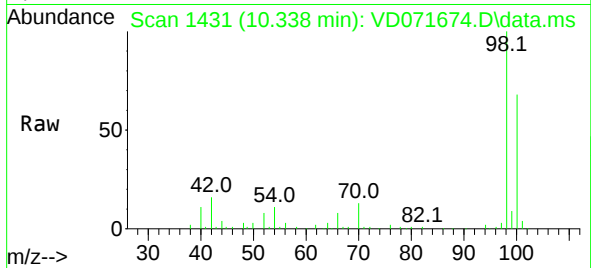




#50
Toluene-d8
Concen: 51.013 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071674.D
Acq: 11 Jan 2022 17:02

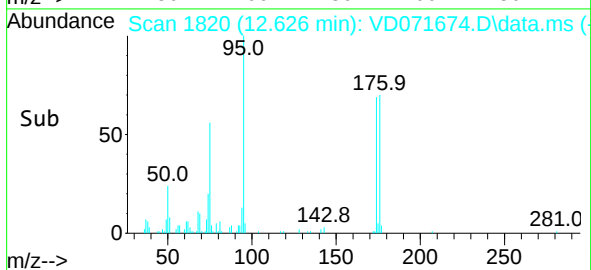
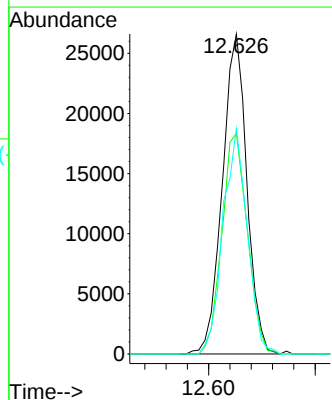
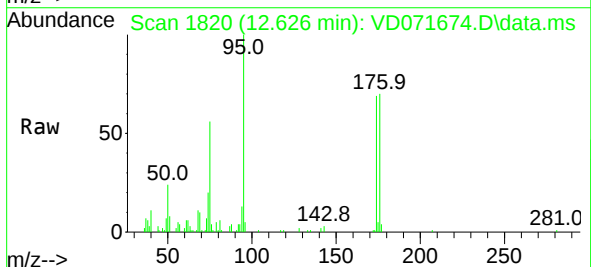
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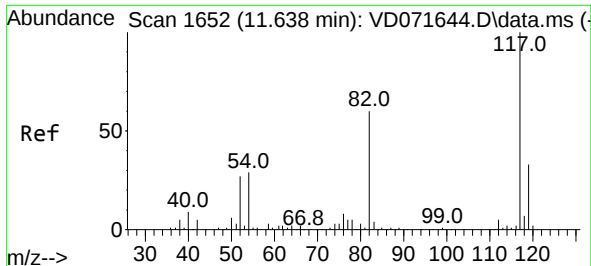
Tgt Ion: 98 Resp: 115063
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 53.341 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071674.D
Acq: 11 Jan 2022 17:02

Tgt Ion: 95 Resp: 42396
Ion Ratio Lower Upper
95 100
174 71.8 0.0 150.0
176 69.9 0.0 146.4

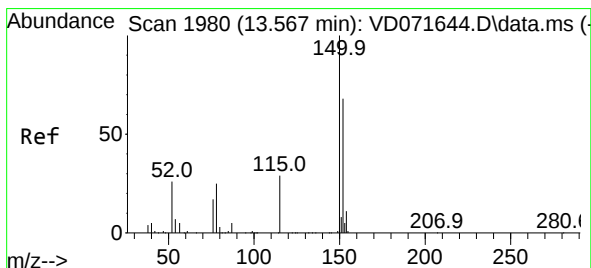
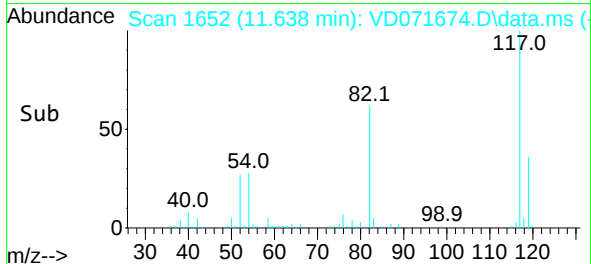
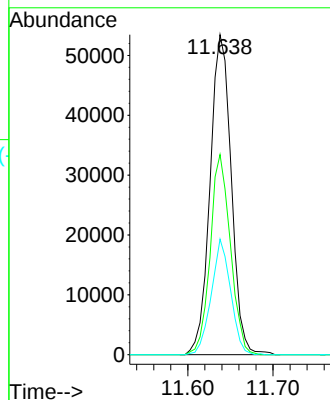
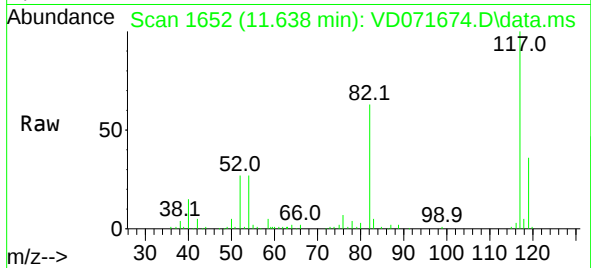




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071674.D
Acq: 11 Jan 2022 17:02

Instrument :
MSVOA_D
ClientSampleId :
PT-03-011122

Tgt Ion:117 Resp: 92404
Ion Ratio Lower Upper
117 100
82 62.5 46.9 70.3
119 36.1 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: VD071674.D
Acq: 11 Jan 2022 17:02

Tgt Ion:152 Resp: 41732
Ion Ratio Lower Upper
152 100
115 63.3 31.5 94.5
150 157.7 0.0 348.0

