

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
 Data File : VD071660.D
 Acq On : 10 Jan 2022 16:32
 Operator : VA/SY
 Sample : N1076-04
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04

Quant Time: Jan 11 04:09:16 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	254257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	476094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	440393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	181092	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	186955	57.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.300%
35) Dibromofluoromethane	7.914	113	159962	50.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.680%
50) Toluene-d8	10.338	98	615055	52.221	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.440%
62) 4-Bromofluorobenzene	12.620	95	189338	45.621	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.240%

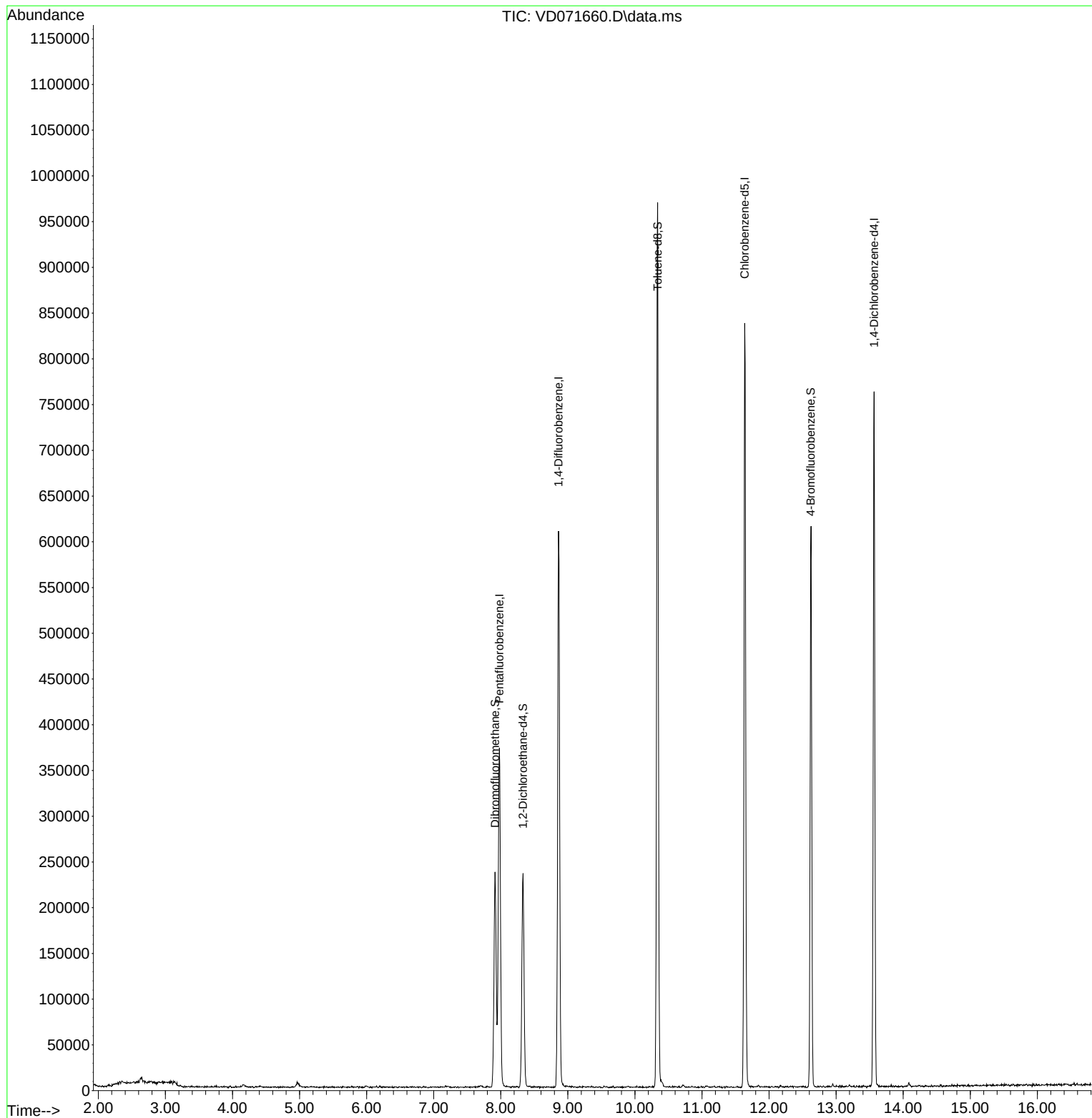
Target Compounds	Qvalue

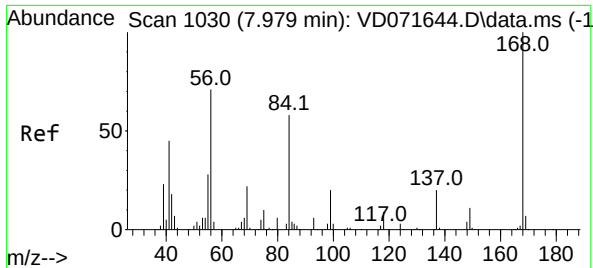
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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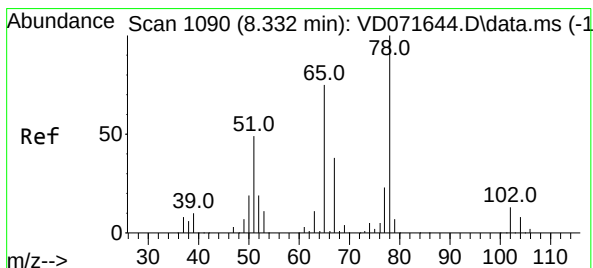
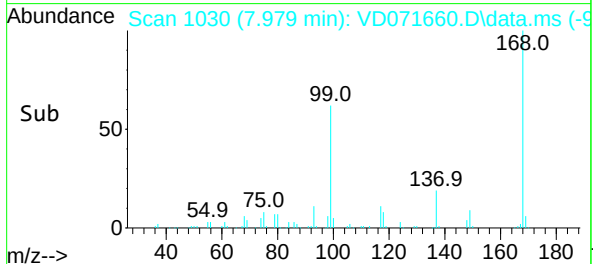
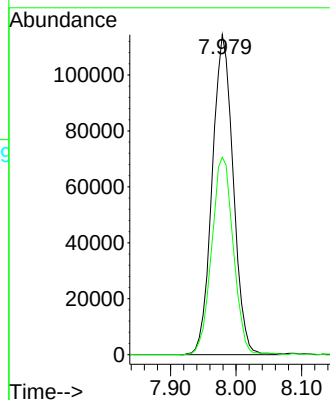
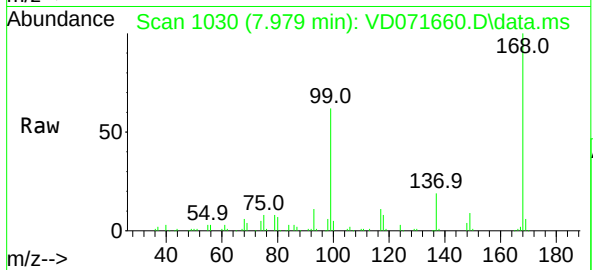




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071660.D
Acq: 10 Jan 2022 16:32

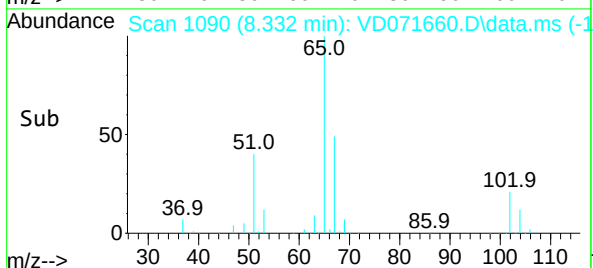
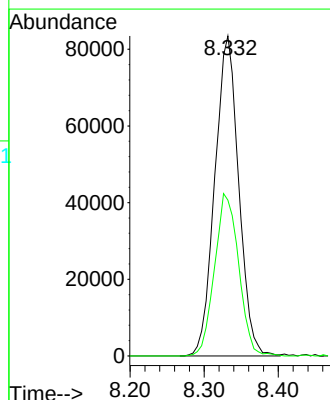
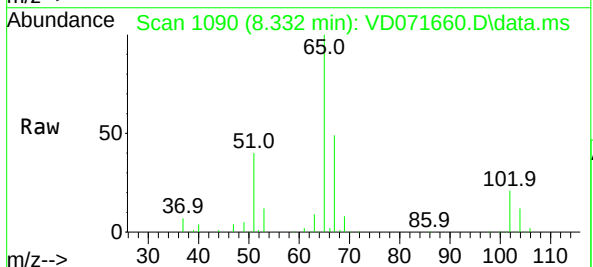
Instrument :
MSVOA_D
ClientSampleId :
SB-04

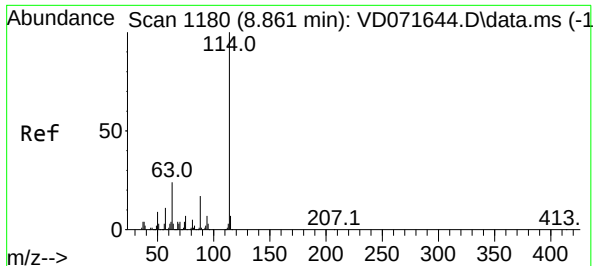
Tgt Ion:168 Resp: 254257
Ion Ratio Lower Upper
168 100
99 61.7 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 57.145 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD071660.D
Acq: 10 Jan 2022 16:32

Tgt Ion: 65 Resp: 186955
Ion Ratio Lower Upper
65 100
67 51.2 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: VD071660.D

Acq: 10 Jan 2022 16:32

Instrument :

MSVOA_D

ClientSampleId :

SB-04

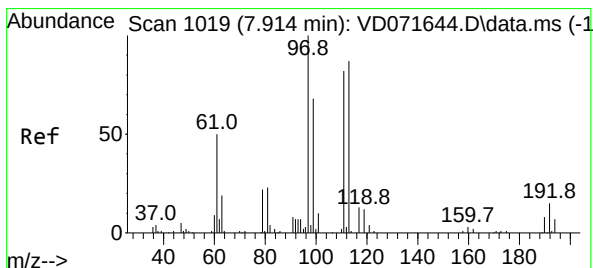
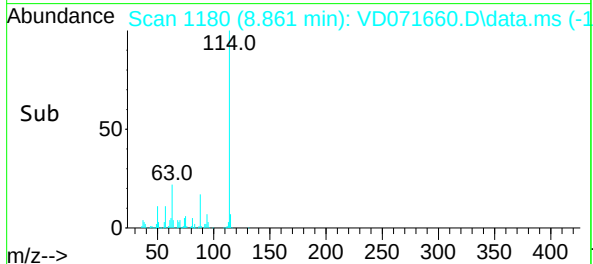
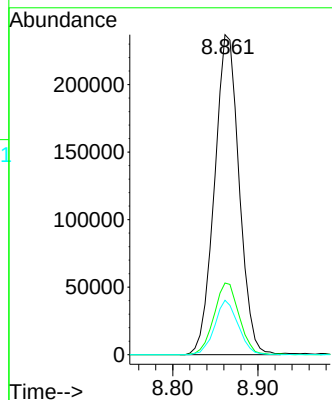
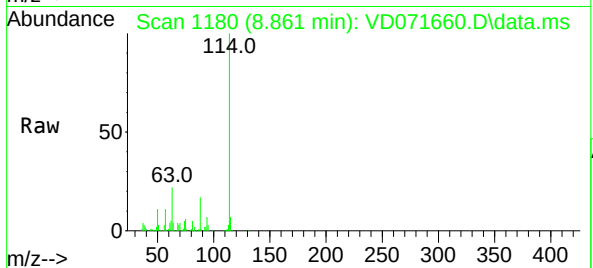
Tgt Ion:114 Resp: 476094

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.2

88 17.0 0.0 32.0



#35

Dibromofluoromethane

Concen: 50.840 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071660.D

Acq: 10 Jan 2022 16:32

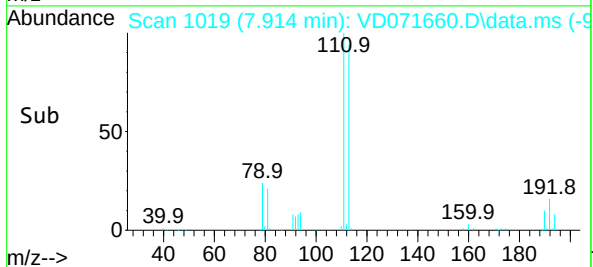
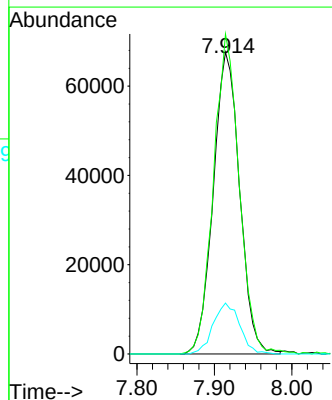
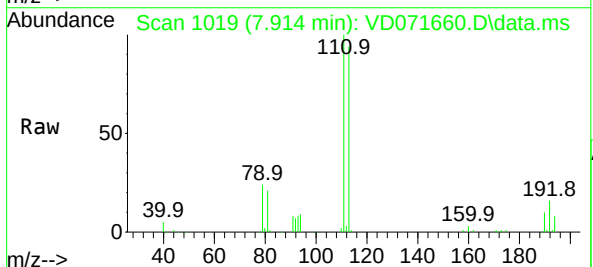
Tgt Ion:113 Resp: 159962

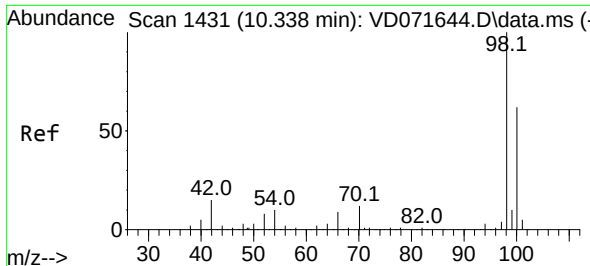
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 17.0 14.2 21.2

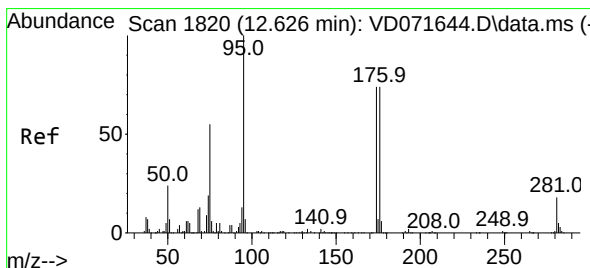
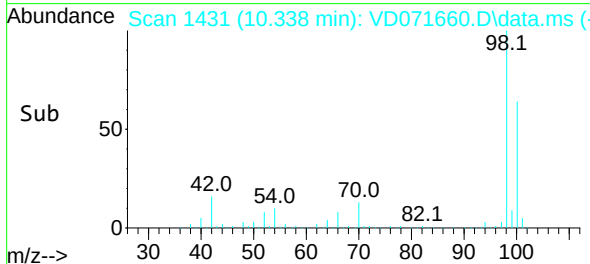
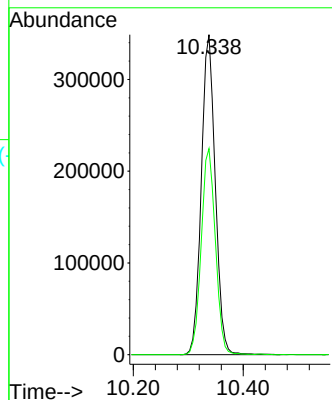
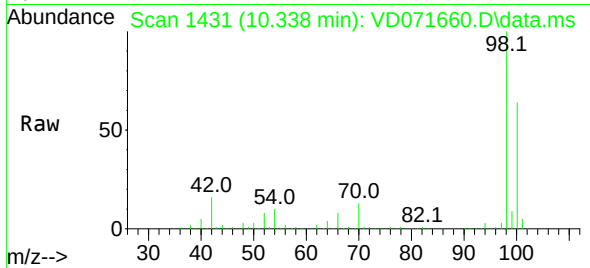




#50
Toluene-d8
Concen: 52.221 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071660.D
Acq: 10 Jan 2022 16:32

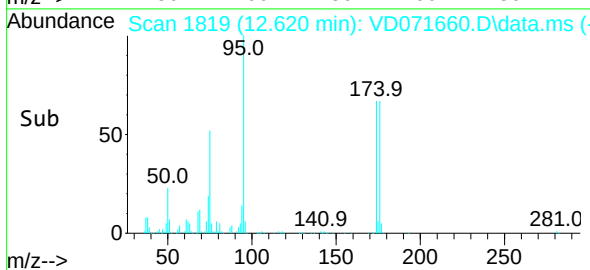
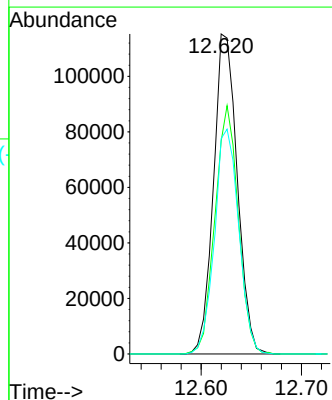
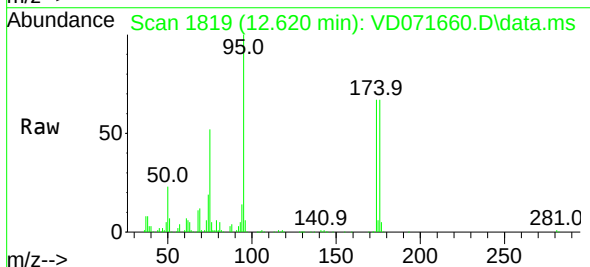
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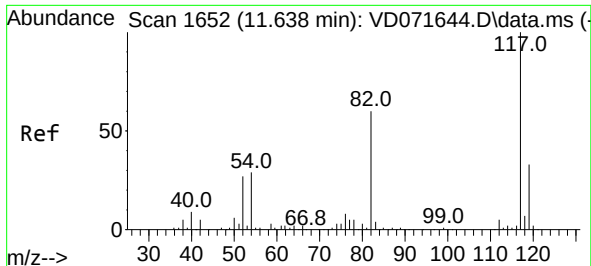
Tgt Ion: 98 Resp: 615055
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.621 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071660.D
Acq: 10 Jan 2022 16:32

Tgt Ion: 95 Resp: 189338
Ion Ratio Lower Upper
95 100
174 76.1 0.0 150.0
176 71.7 0.0 146.4

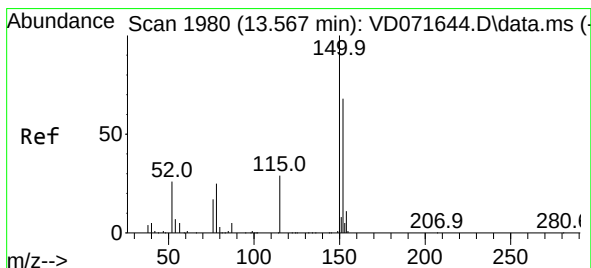
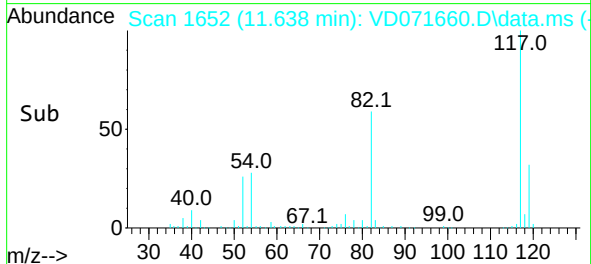
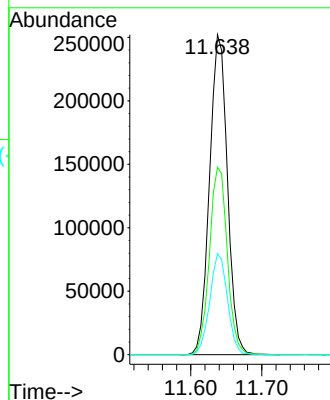
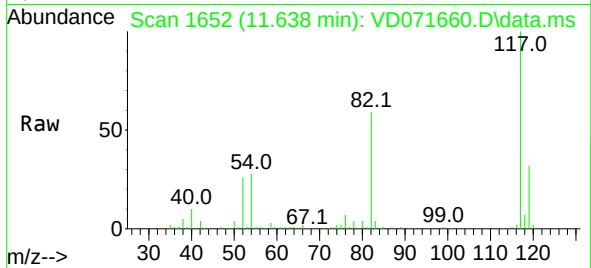




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071660.D
Acq: 10 Jan 2022 16:32

Instrument :
MSVOA_D
ClientSampleId :
SB-04

Tgt Ion:117 Resp: 440393
Ion Ratio Lower Upper
117 100
82 58.5 46.9 70.3
119 31.6 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: VD071660.D
Acq: 10 Jan 2022 16:32

Tgt Ion:152 Resp: 181092
Ion Ratio Lower Upper
152 100
115 60.2 31.5 94.5
150 159.6 0.0 348.0

