

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
 Data File : VD071658.D
 Acq On : 10 Jan 2022 15:37
 Operator : VA/SY
 Sample : N1076-13
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SURFACE-01

Quant Time: Jan 11 04:08:47 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	224120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	421015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	378822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	156505	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	174631	60.556	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.120%
35) Dibromofluoromethane	7.914	113	142554	51.234	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.460%
50) Toluene-d8	10.338	98	534245	51.294	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.580%
62) 4-Bromofluorobenzene	12.626	95	159827	43.548	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.100%

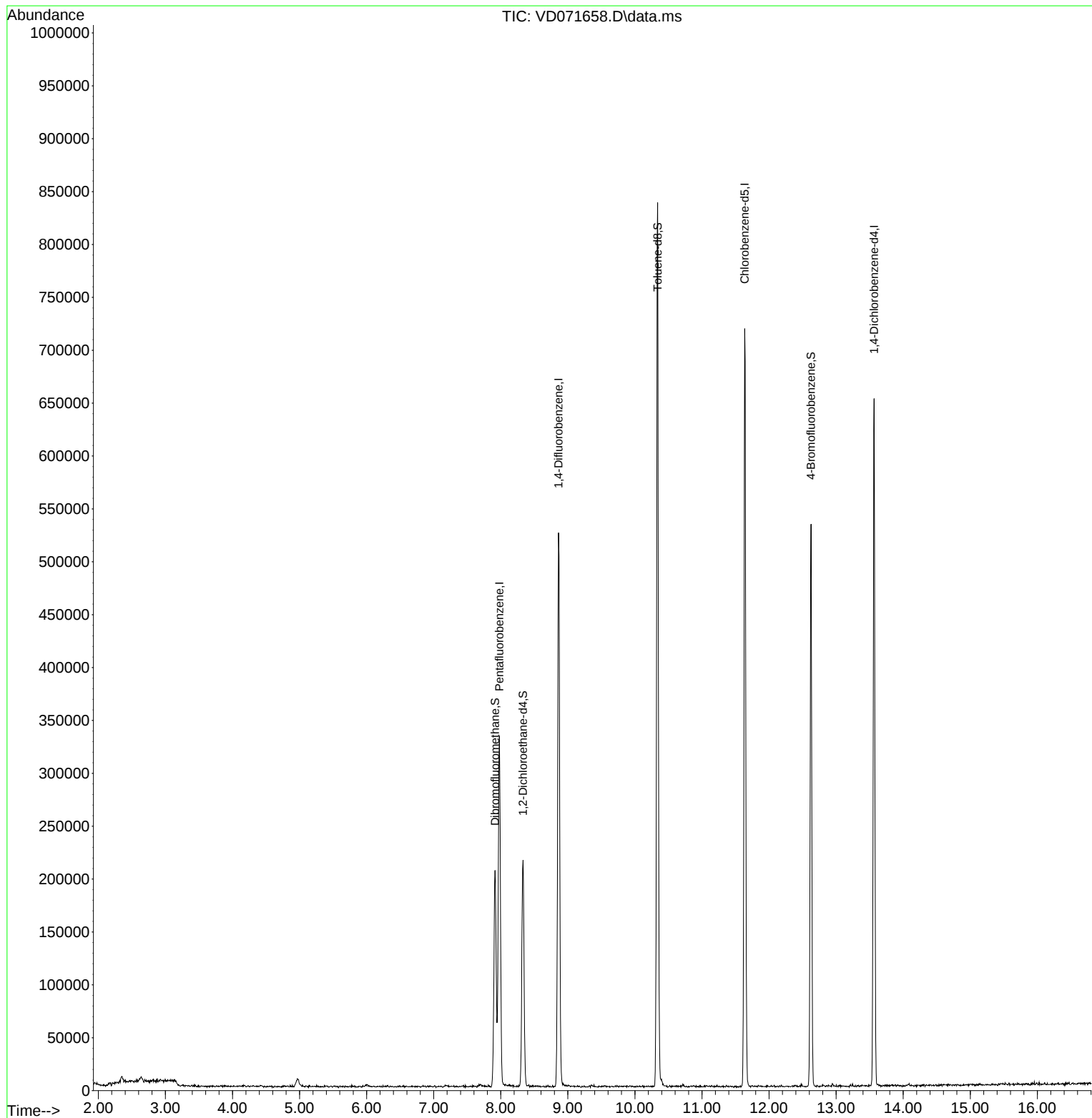
Target Compounds	Qvalue

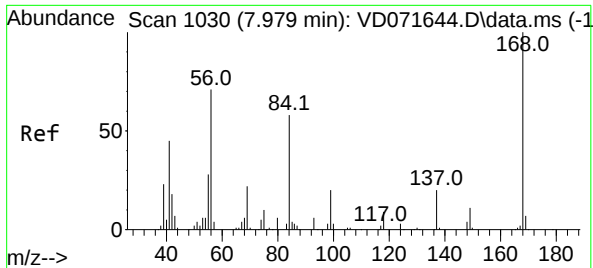
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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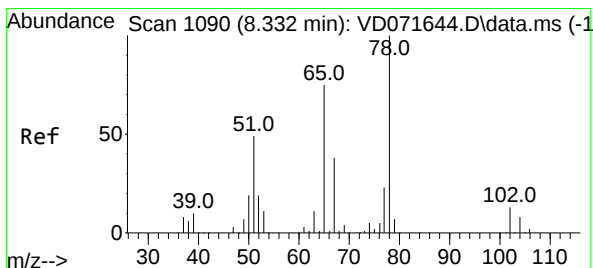
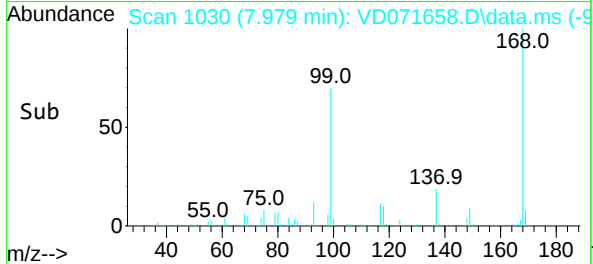
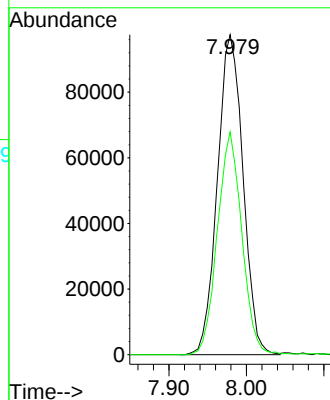
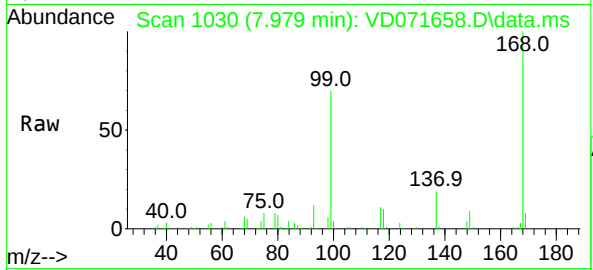




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071658.D
Acq: 10 Jan 2022 15:37

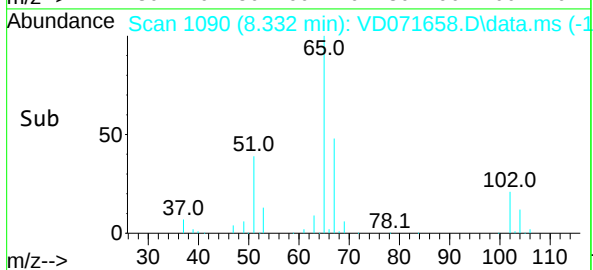
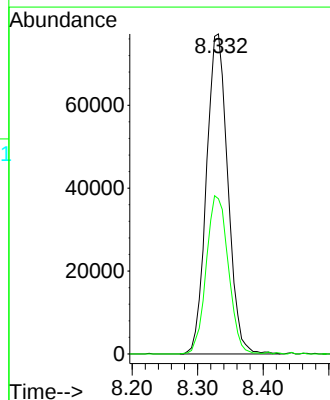
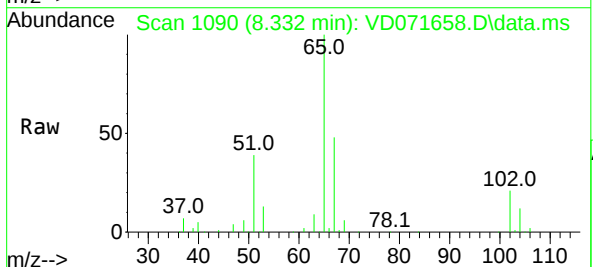
Instrument :
MSVOA_D
ClientSampleId :
SURFACE-01

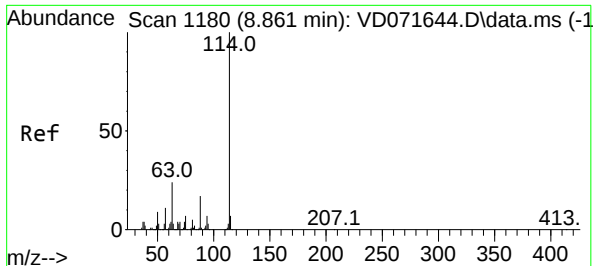
Tgt Ion:168 Resp: 224120
Ion Ratio Lower Upper
168 100
99 69.6 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 60.556 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD071658.D
Acq: 10 Jan 2022 15:37

Tgt Ion: 65 Resp: 174631
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: VD071658.D

Acq: 10 Jan 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

SURFACE-01

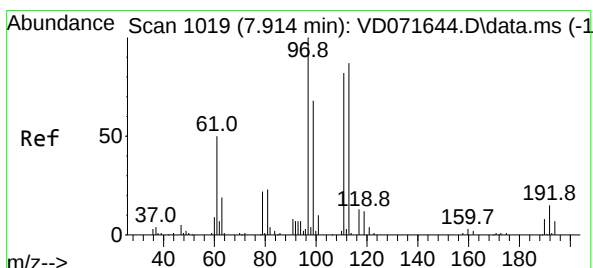
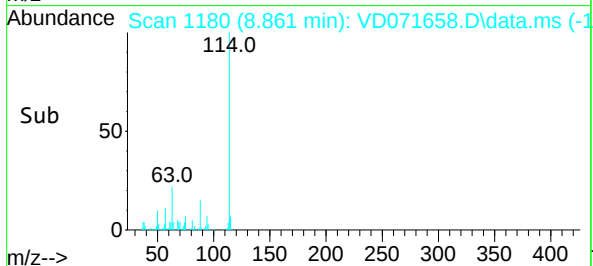
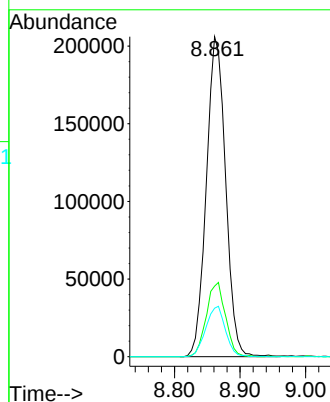
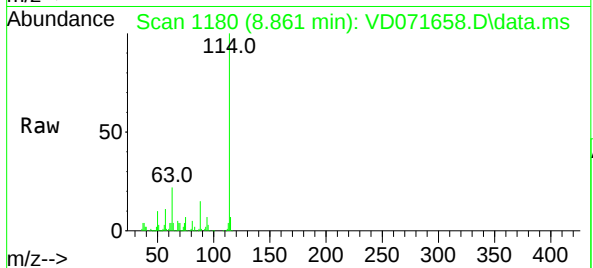
Tgt Ion:114 Resp: 421015

Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.2

88 15.2 0.0 32.0



#35

Dibromofluoromethane

Concen: 51.234 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071658.D

Acq: 10 Jan 2022 15:37

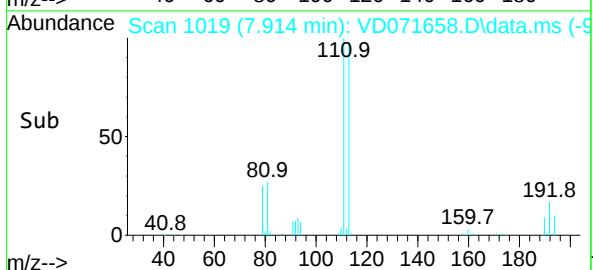
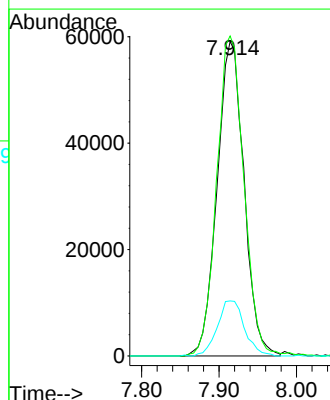
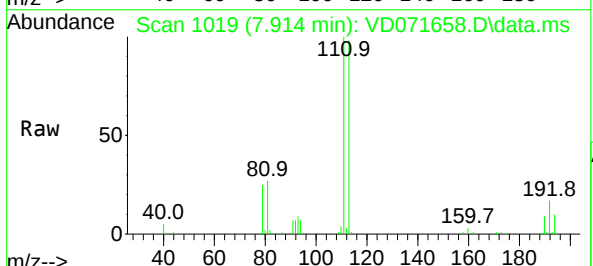
Tgt Ion:113 Resp: 142554

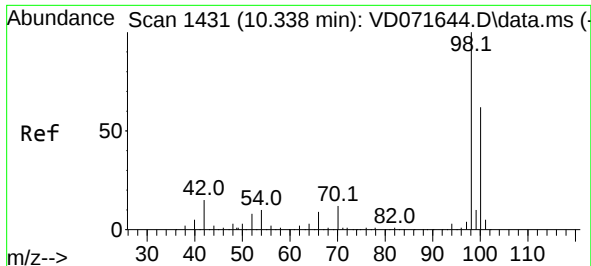
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 17.7 14.2 21.2

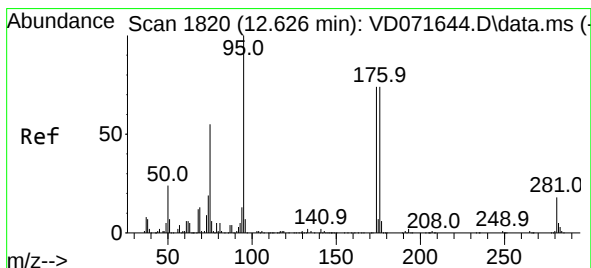
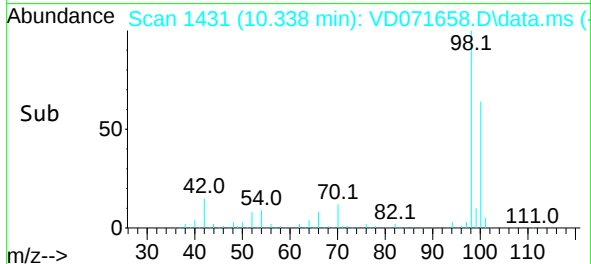
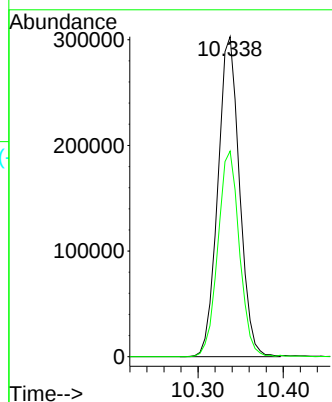
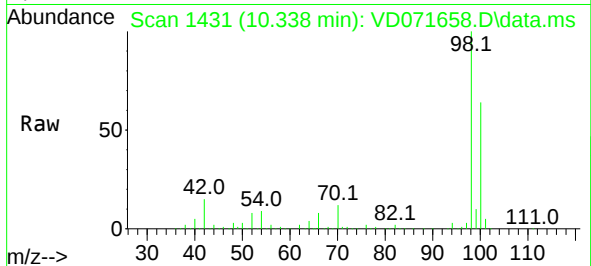




#50
Toluene-d8
Concen: 51.294 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071658.D
Acq: 10 Jan 2022 15:37

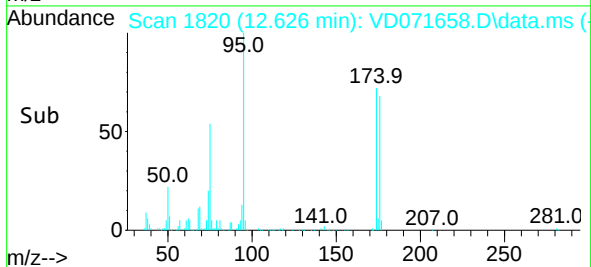
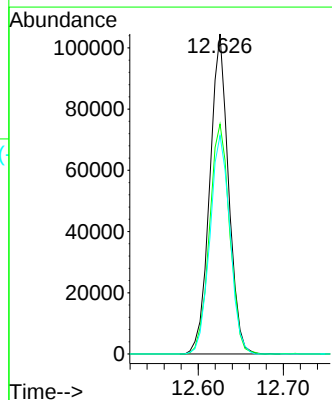
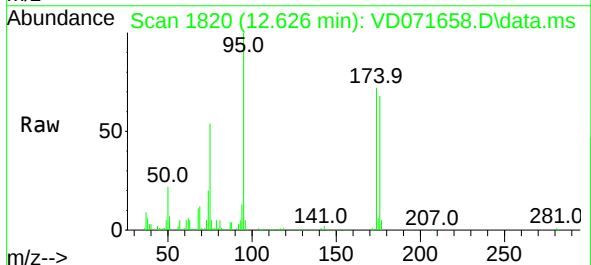
Instrument :
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ClientSampleId :
SURFACE-01

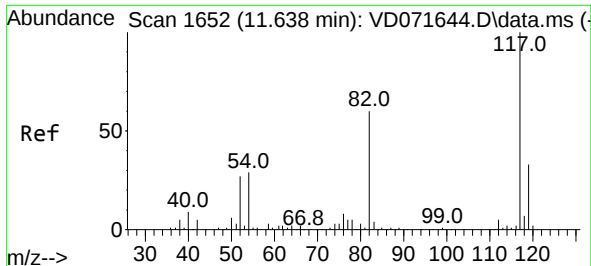
Tgt Ion: 98 Resp: 534245
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.548 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071658.D
Acq: 10 Jan 2022 15:37

Tgt Ion: 95 Resp: 159827
Ion Ratio Lower Upper
95 100
174 77.1 0.0 150.0
176 72.8 0.0 146.4

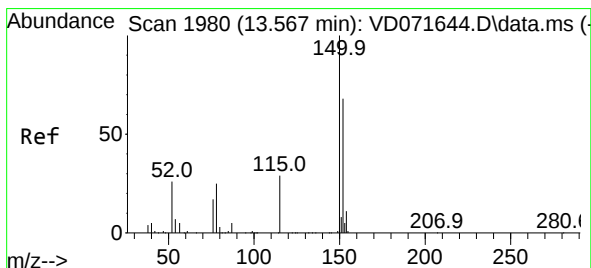
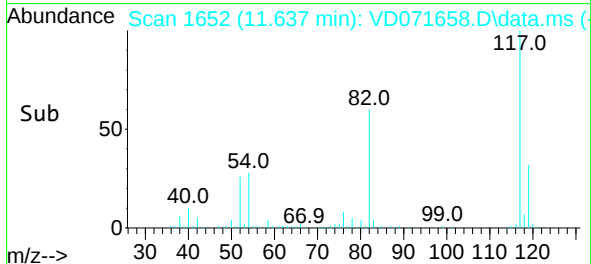
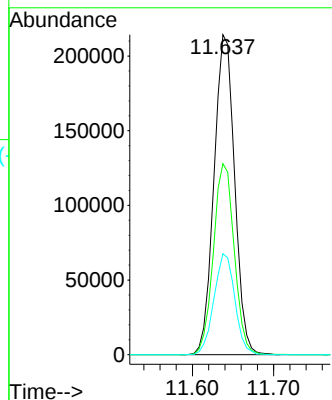
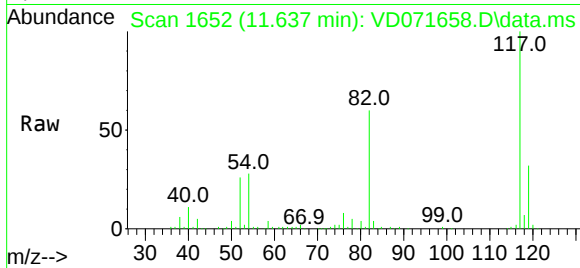




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD071658.D
Acq: 10 Jan 2022 15:37

Instrument :
MSVOA_D
ClientSampleId :
SURFACE-01

Tgt Ion:117 Resp: 378822
Ion Ratio Lower Upper
117 100
82 59.7 46.9 70.3
119 31.5 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: VD071658.D
Acq: 10 Jan 2022 15:37

Tgt Ion:152 Resp: 156505
Ion Ratio Lower Upper
152 100
115 61.4 31.5 94.5
150 156.5 0.0 348.0

