

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
 Data File : VD071874.D
 Acq On : 02 Feb 2022 12:05
 Operator : VA/SY
 Sample : VD0202SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0202SBL01

Quant Time: Feb 03 01:06:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	339040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	614673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	564905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	248706	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	265407	61.934	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.860%
35) Dibromofluoromethane	7.914	113	222681	55.113	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.220%
50) Toluene-d8	10.338	98	791792	52.473	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.940%
62) 4-Bromofluorobenzene	12.626	95	259930	49.327	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.660%

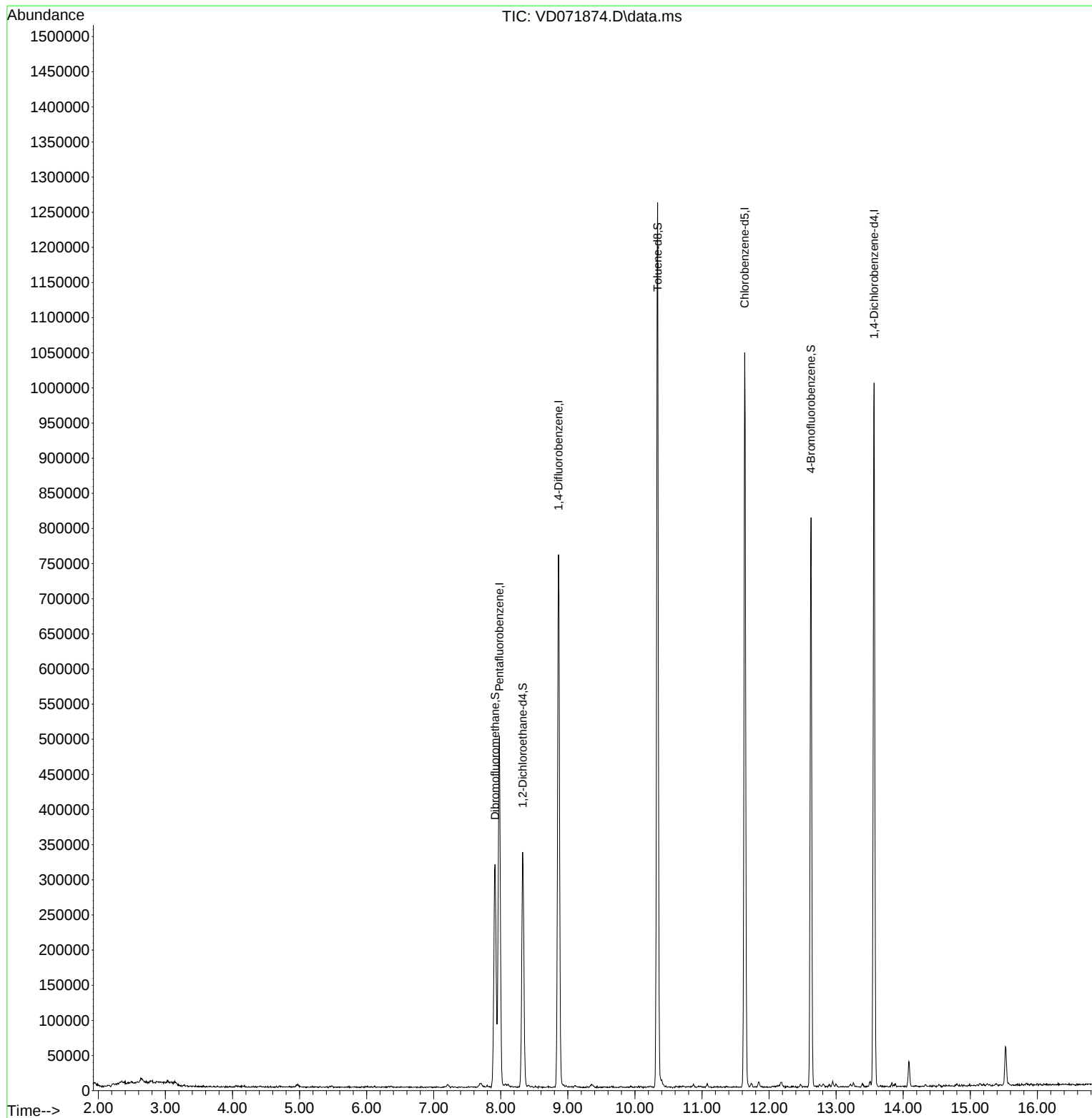
Target Compounds	Qvalue

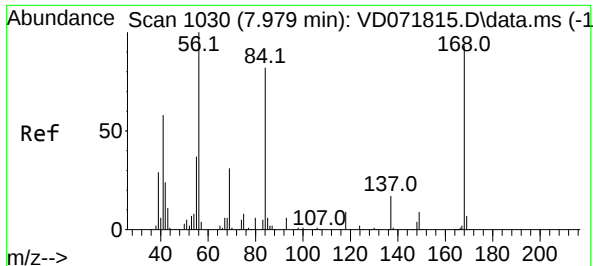
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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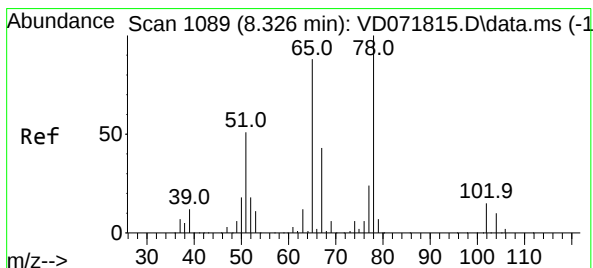
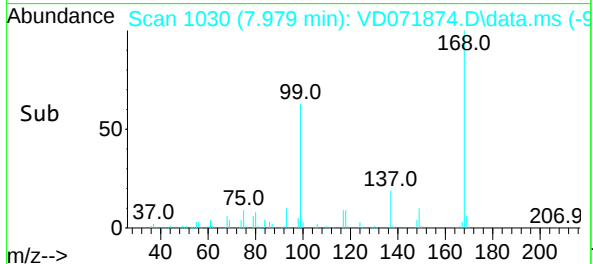
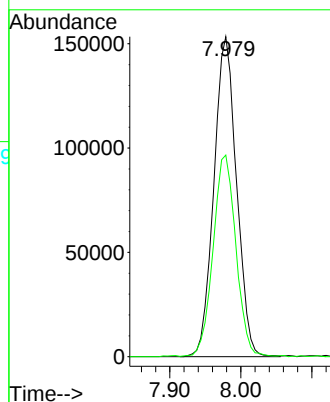
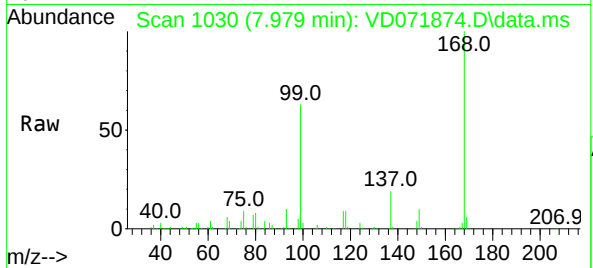




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071874.D
Acq: 02 Feb 2022 12:05

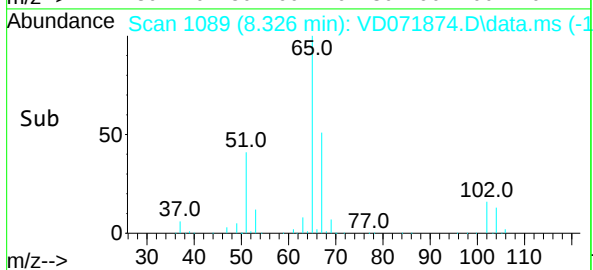
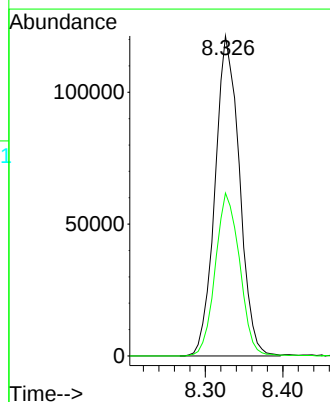
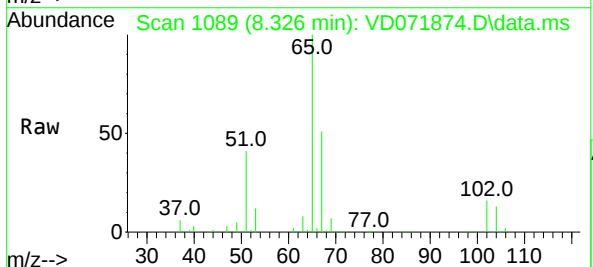
Instrument :
MSVOA_D
ClientSampleId :
VD0202SBL01

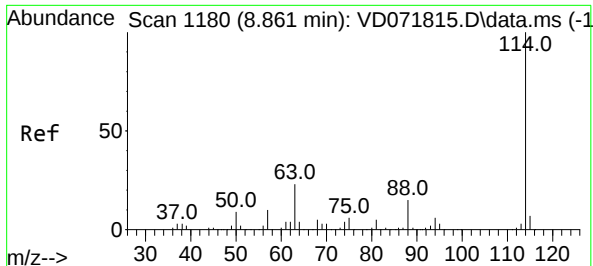
Tgt Ion:168 Resp: 339040
Ion Ratio Lower Upper
168 100
99 62.9 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 61.934 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071874.D
Acq: 02 Feb 2022 12:05

Tgt Ion: 65 Resp: 265407
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071874.D

Acq: 02 Feb 2022 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0202SBL01

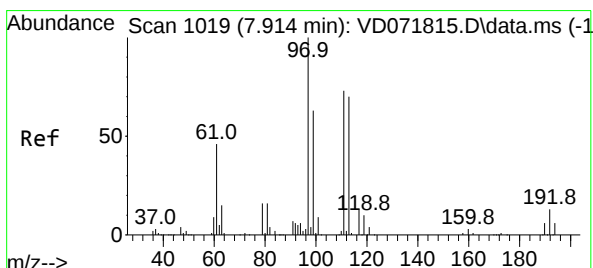
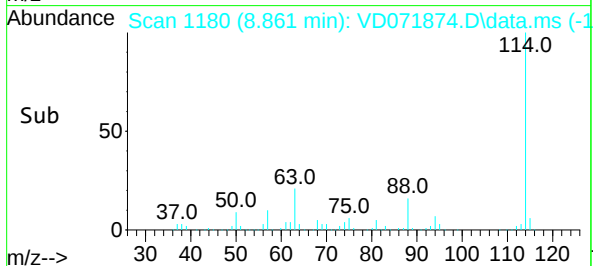
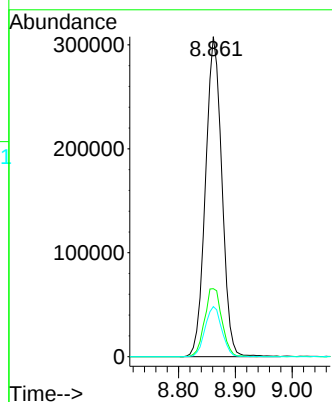
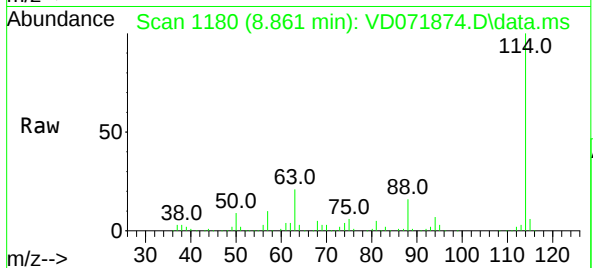
Tgt Ion:114 Resp: 614673

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 15.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 55.113 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071874.D

Acq: 02 Feb 2022 12:05

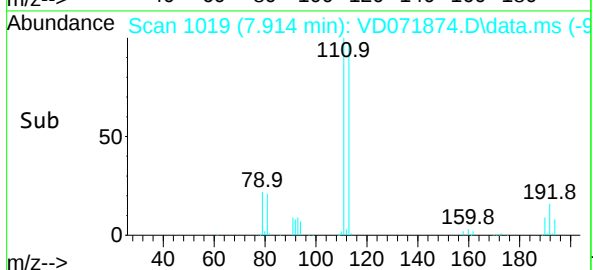
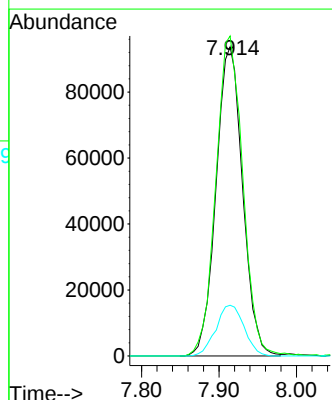
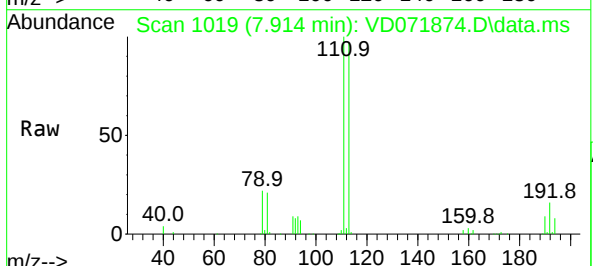
Tgt Ion:113 Resp: 222681

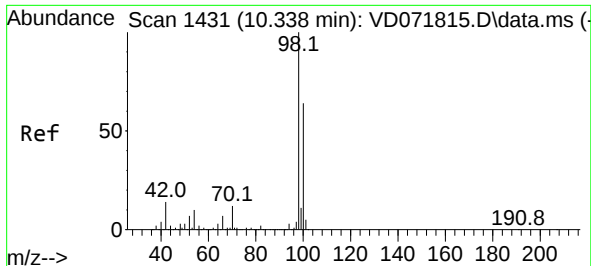
Ion Ratio Lower Upper

113 100

111 105.4 83.8 125.6

192 17.5 14.6 21.8

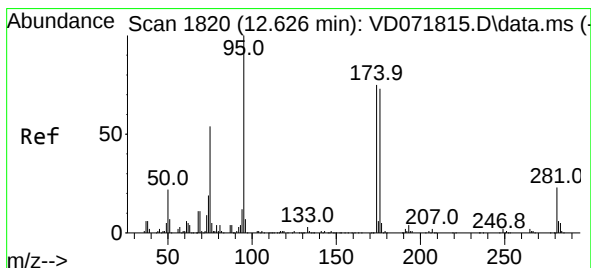
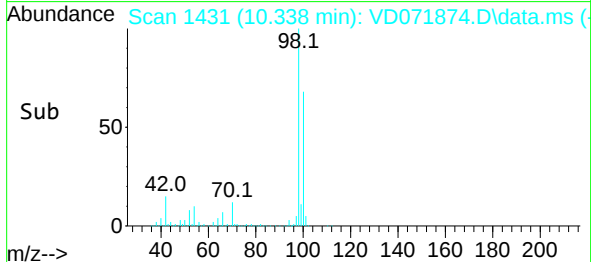
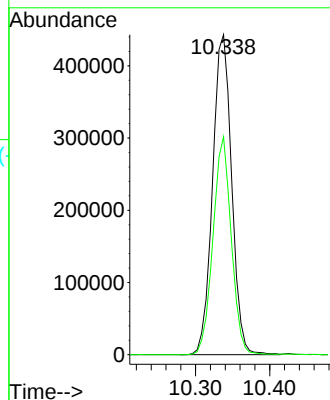
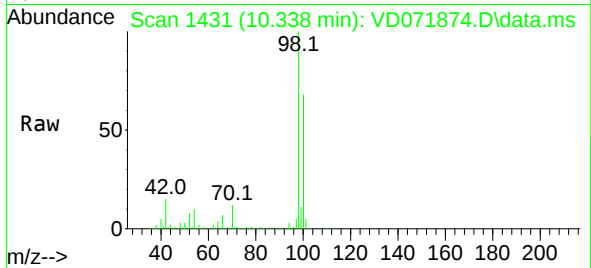




#50
Toluene-d8
Concen: 52.473 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071874.D
Acq: 02 Feb 2022 12:05

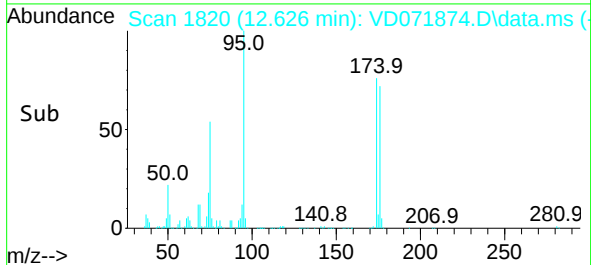
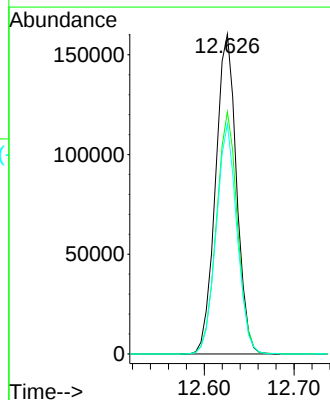
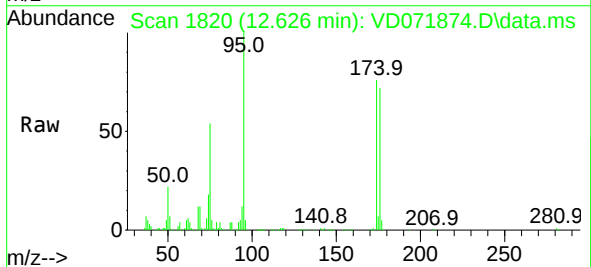
Instrument :
MSVOA_D
ClientSampleId :
VD0202SBL01

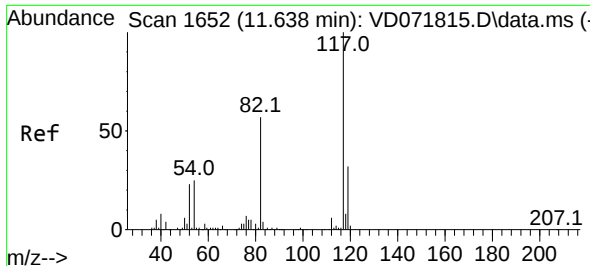
Tgt Ion: 98 Resp: 791792
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.327 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071874.D
Acq: 02 Feb 2022 12:05

Tgt Ion: 95 Resp: 259930
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 71.2 0.0 145.4

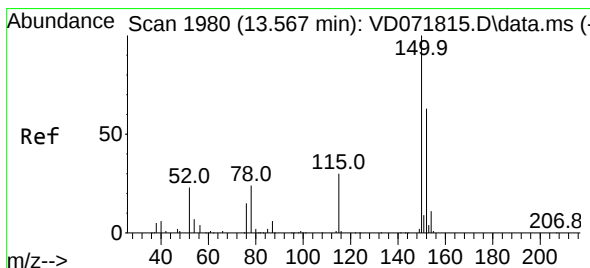
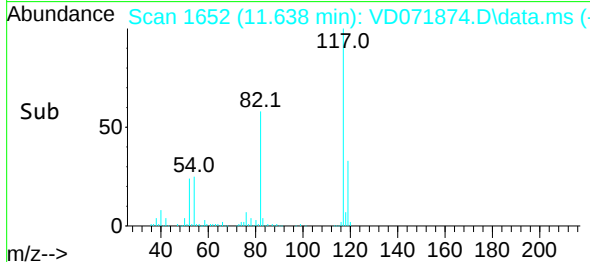
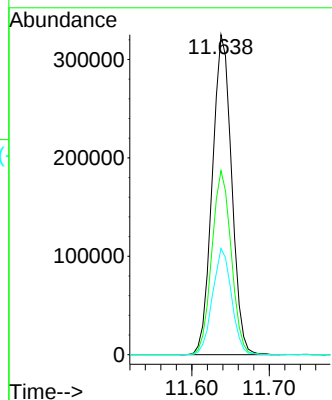
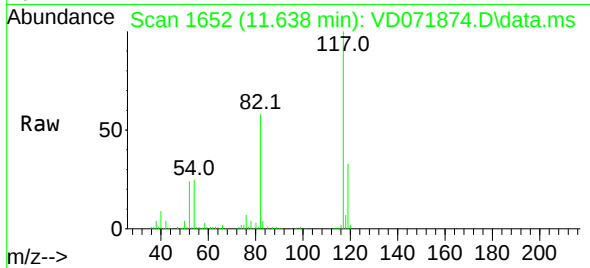




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071874.D
Acq: 02 Feb 2022 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0202SBL01

Tgt Ion:117	Resp: 564905
Ion Ratio	Lower Upper
117 100	
82 57.5	45.3 67.9
119 33.2	26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071874.D
Acq: 02 Feb 2022 12:05

Tgt Ion:152	Resp: 248706
Ion Ratio	Lower Upper
152 100	
115 61.7	31.3 93.8
150 156.4	0.0 348.6

