

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074188.D
 Acq On : 23 Aug 2022 16:48
 Operator : VA/SY
 Sample : VD0823SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBL01

Quant Time: Aug 24 05:54:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	152806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	253318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	239280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	112905	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	74349	47.616	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.240%
35) Dibromofluoromethane	7.908	113	84175	49.678	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.360%
50) Toluene-d8	10.332	98	239749	43.964	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.920%
62) 4-Bromofluorobenzene	12.620	95	99512	46.191	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.380%

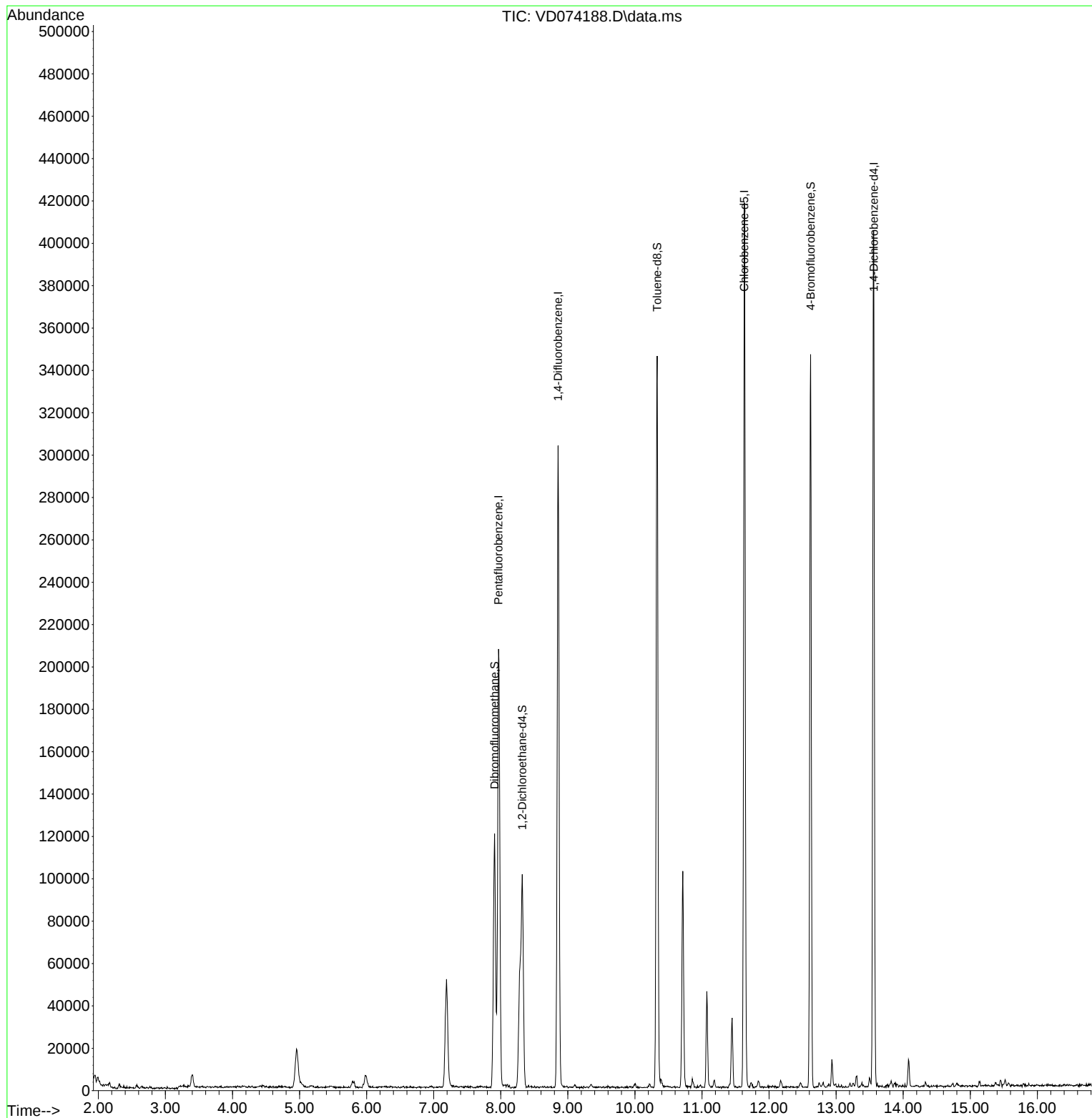
Target Compounds	Qvalue

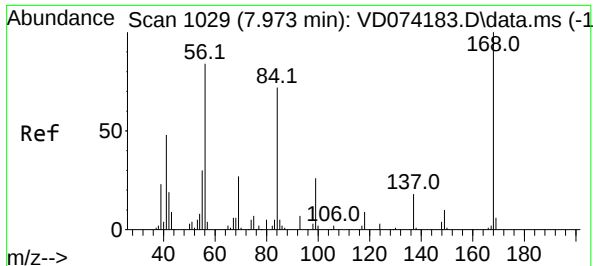
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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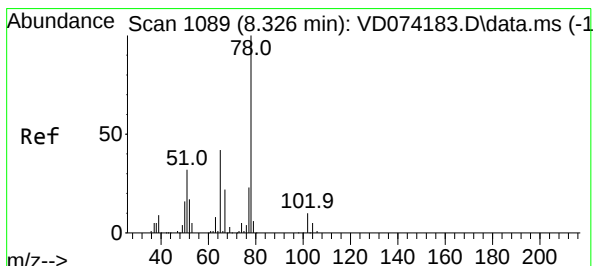
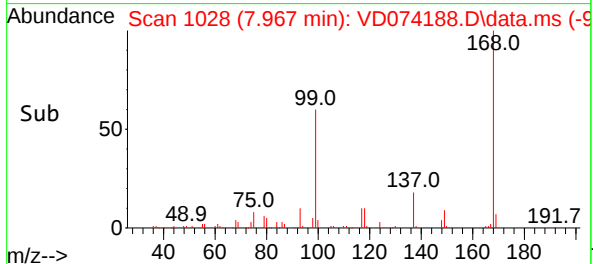
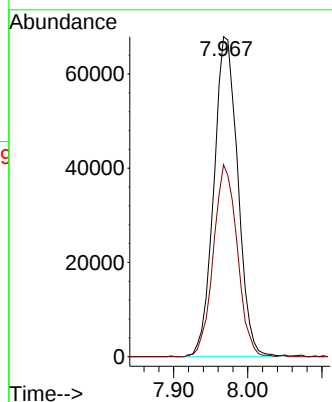
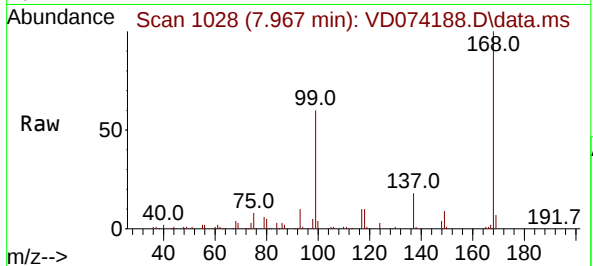




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074188.D
Acq: 23 Aug 2022 16:48

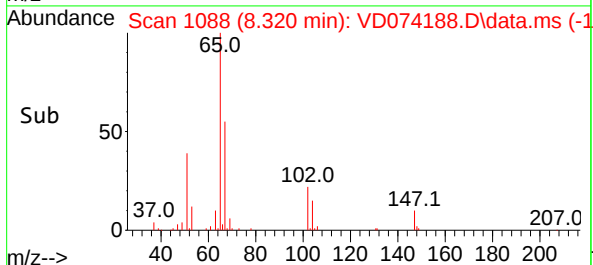
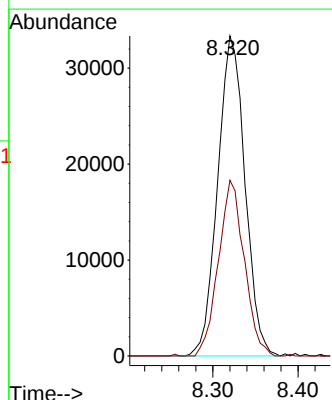
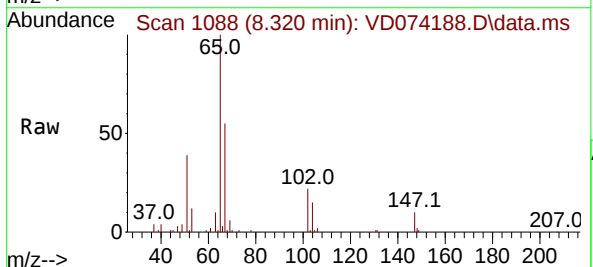
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBL01

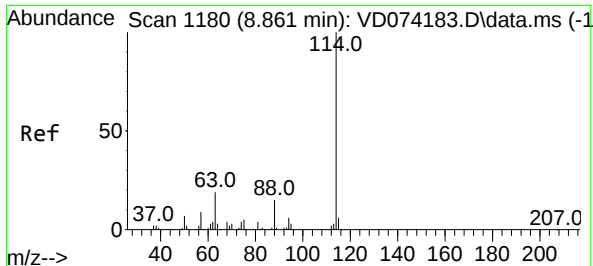
Tgt Ion:168 Resp: 152806
Ion Ratio Lower Upper
168 100
99 60.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 47.616 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074188.D
Acq: 23 Aug 2022 16:48

Tgt Ion: 65 Resp: 74349
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074188.D

Acq: 23 Aug 2022 16:48

Instrument :

MSVOA_D

ClientSampleId :

VD0823SBL01

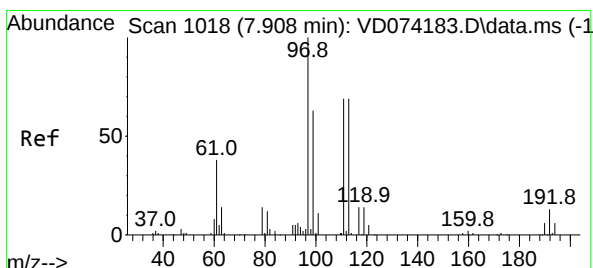
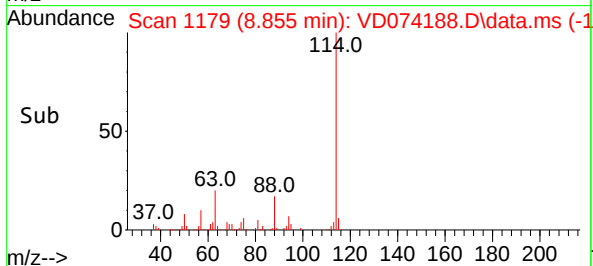
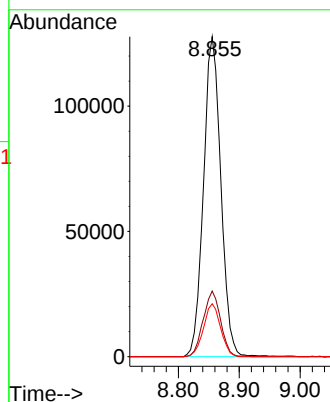
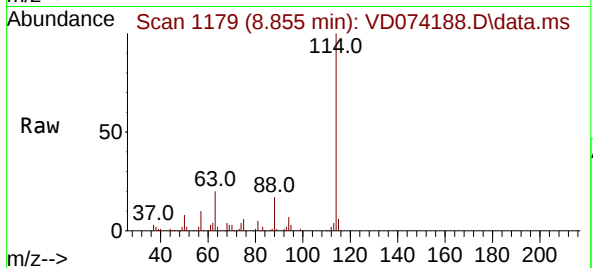
Tgt Ion:114 Resp: 253318

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 16.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.678 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074188.D

Acq: 23 Aug 2022 16:48

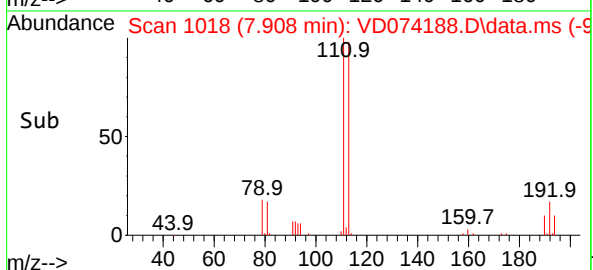
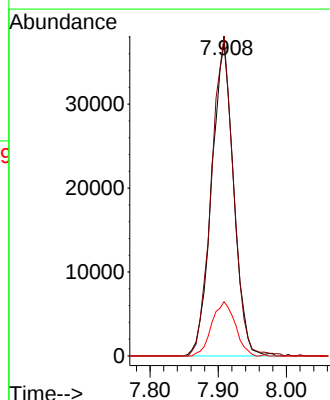
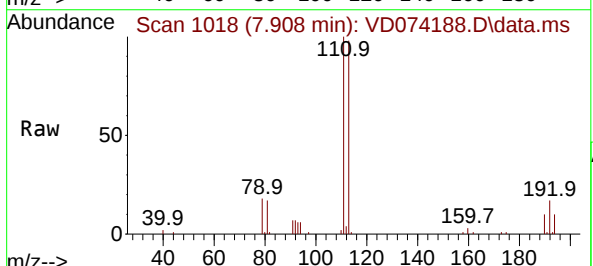
Tgt Ion:113 Resp: 84175

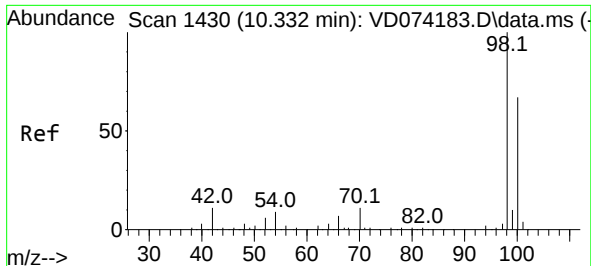
Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 18.4 14.6 21.8

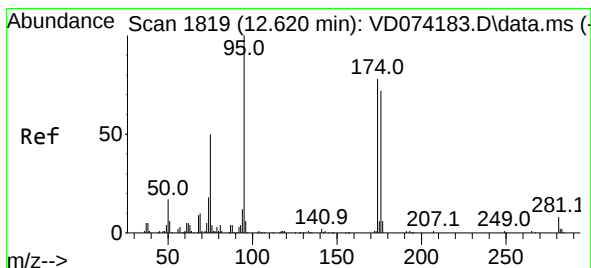
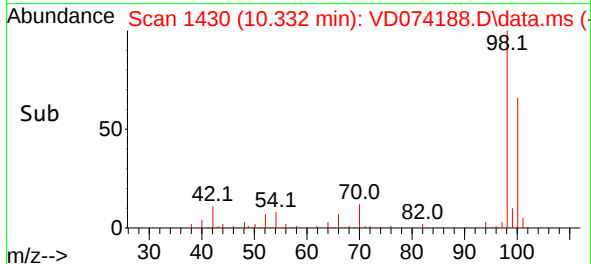
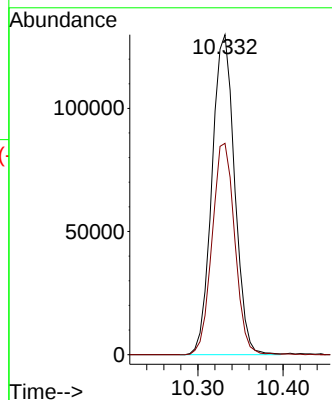
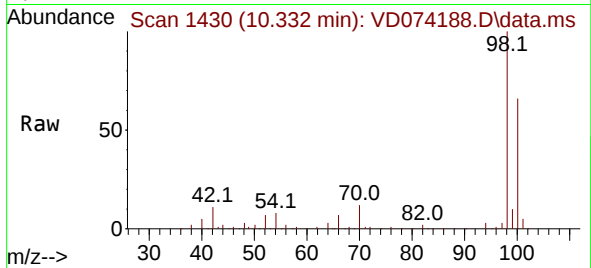




#50
Toluene-d8
Concen: 43.964 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074188.D
Acq: 23 Aug 2022 16:48

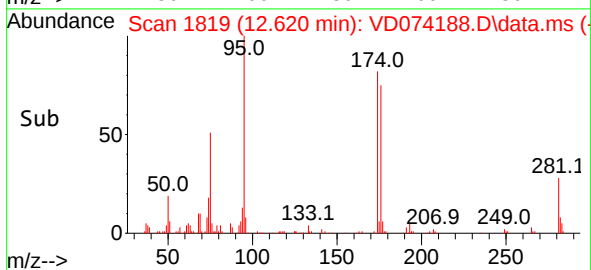
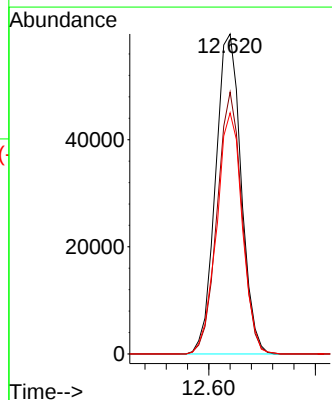
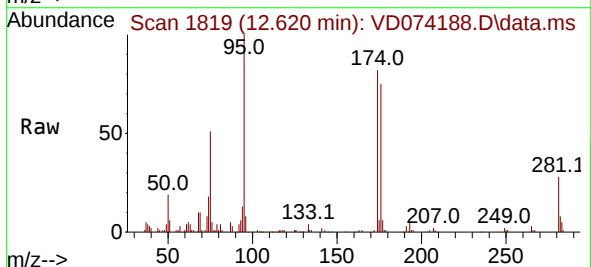
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBL01

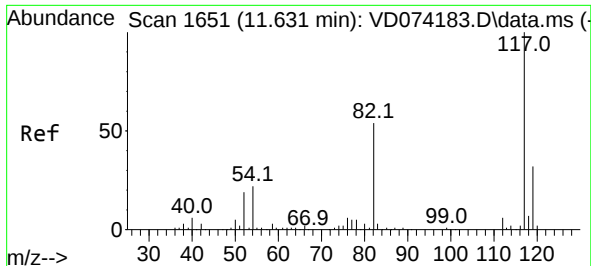
Tgt Ion: 98 Resp: 239749
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.191 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074188.D
Acq: 23 Aug 2022 16:48

Tgt Ion: 95 Resp: 99512
Ion Ratio Lower Upper
95 100
174 79.1 0.0 152.8
176 75.5 0.0 145.4

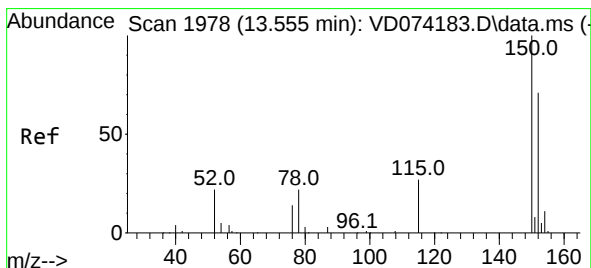
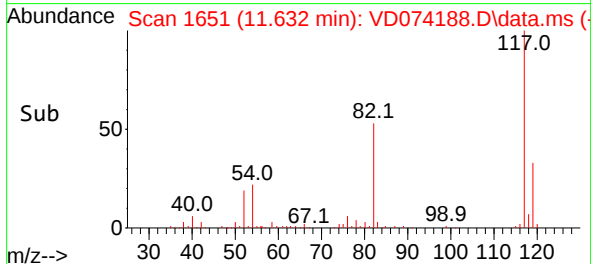
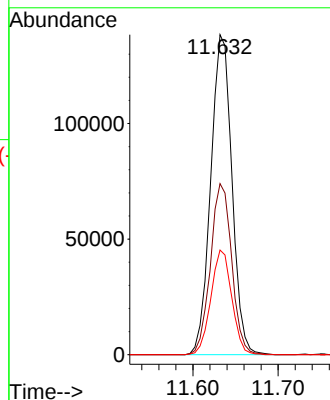
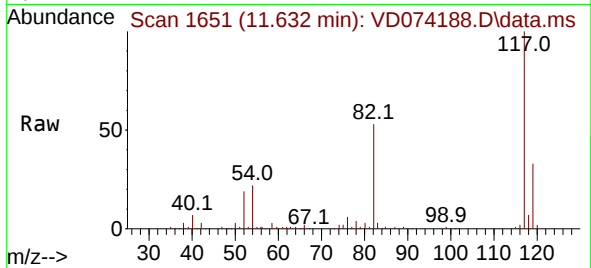




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. 0.001 min
Lab File: VD074188.D
Acq: 23 Aug 2022 16:48

Instrument :
MSVOA_D
ClientSampleId :
VD0823SBL01

Tgt Ion:117 Resp: 239280
Ion Ratio Lower Upper
117 100
82 53.4 45.3 67.9
119 32.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074188.D
Acq: 23 Aug 2022 16:48

Tgt Ion:152 Resp: 112905
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 154.6 0.0 348.6

