

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020322\
 Data File : VD071886.D
 Acq On : 03 Feb 2022 11:05
 Operator : VA/SY
 Sample : VD0203SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0203SBL01

Quant Time: Feb 03 12:08:27 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	7.973	168	333473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	594390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	542851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	241077	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	246529	58.489	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.980%
35) Dibromofluoromethane	7.909	113	215939	55.268	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.540%
50) Toluene-d8	10.332	98	750222	51.414	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.820%
62) 4-Bromofluorobenzene	12.620	95	243090	47.706	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.420%

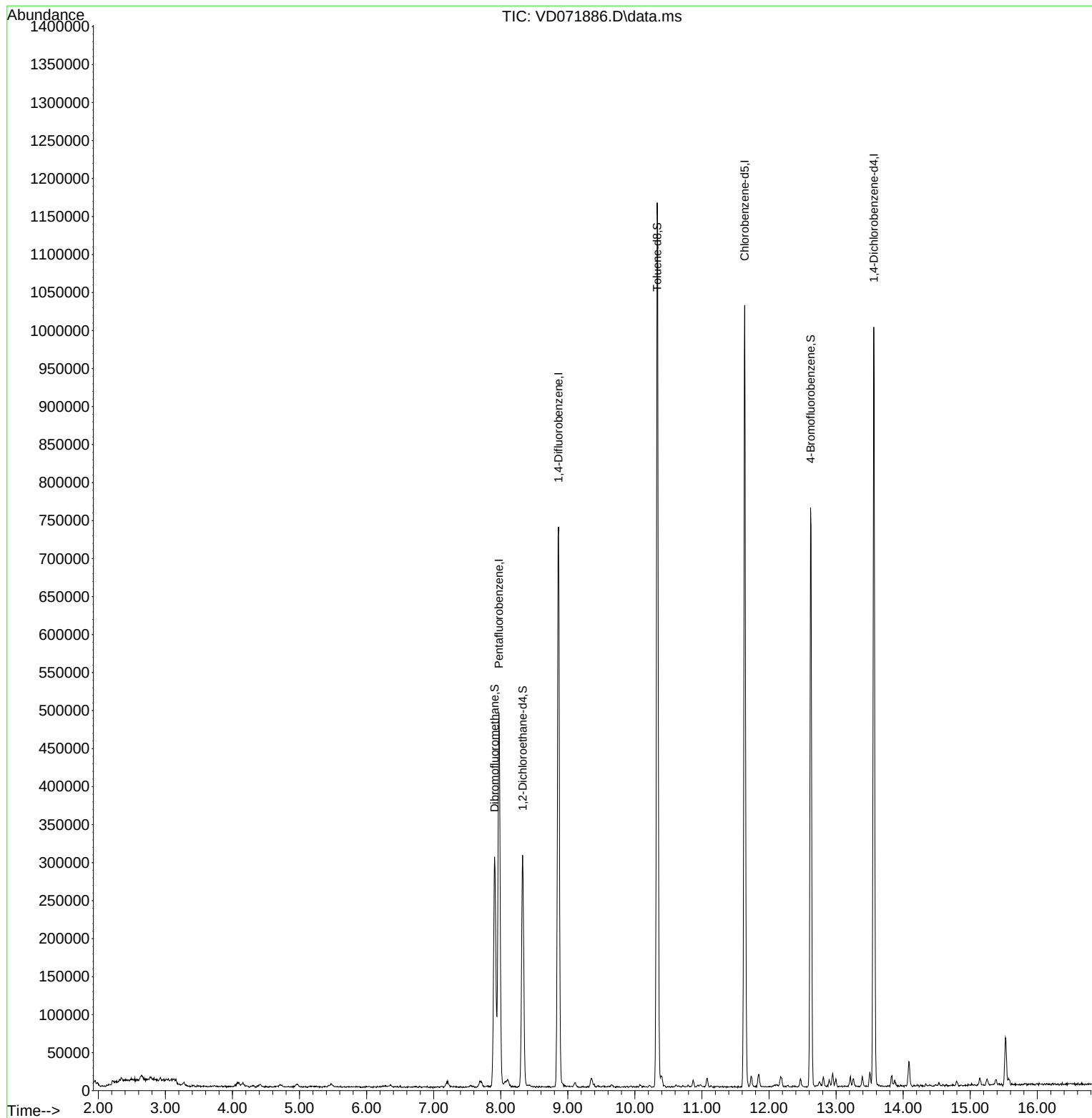
Target Compounds	Qvalue

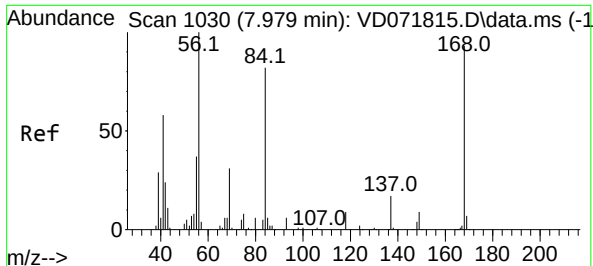
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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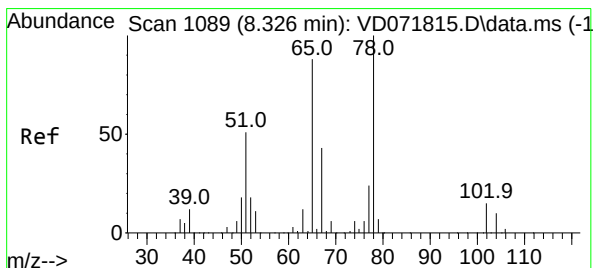
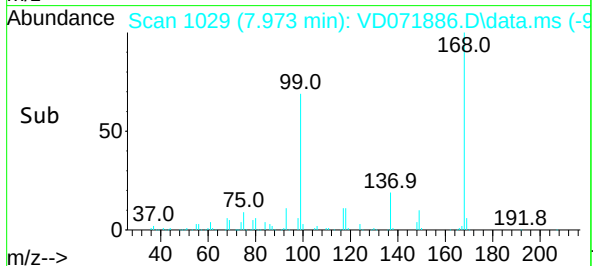
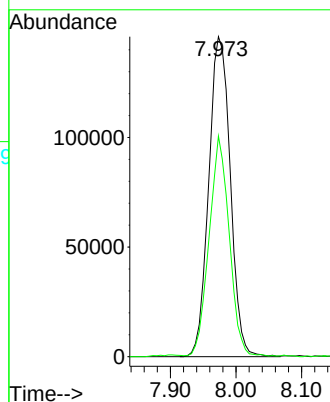
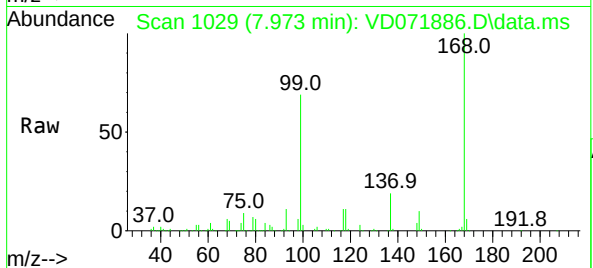




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD071886.D
Acq: 03 Feb 2022 11:05

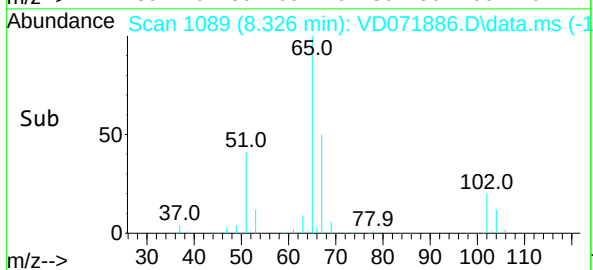
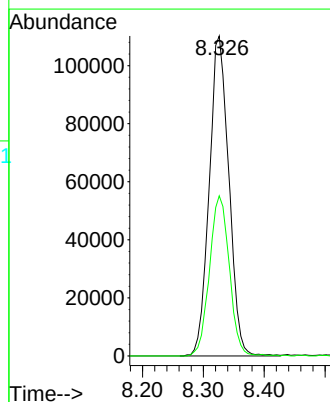
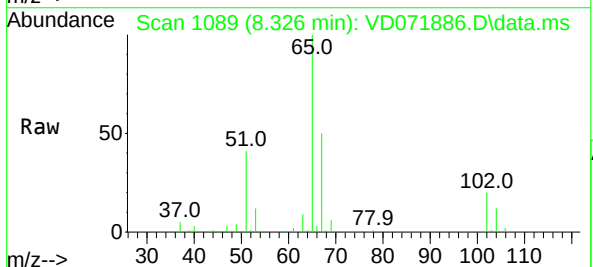
Instrument :
MSVOA_D
ClientSampleId :
VD0203SBL01

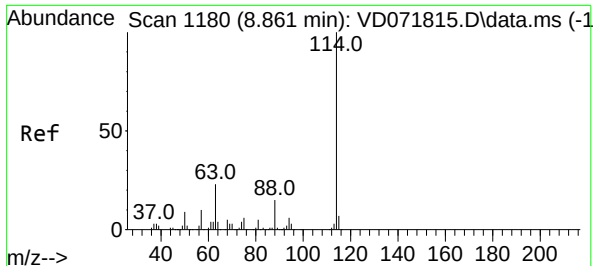
Tgt Ion:168 Resp: 333473
Ion Ratio Lower Upper
168 100
99 68.7 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 58.489 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071886.D
Acq: 03 Feb 2022 11:05

Tgt Ion: 65 Resp: 246529
Ion Ratio Lower Upper
65 100
67 50.4 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: VD071886.D

Acq: 03 Feb 2022 11:05

Instrument :

MSVOA_D

ClientSampleId :

VD0203SBL01

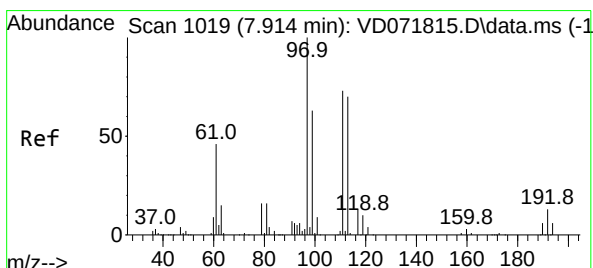
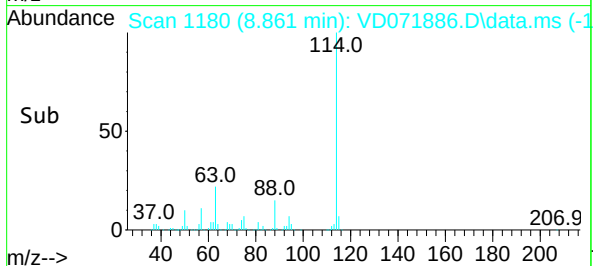
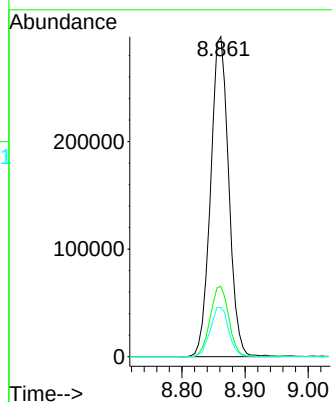
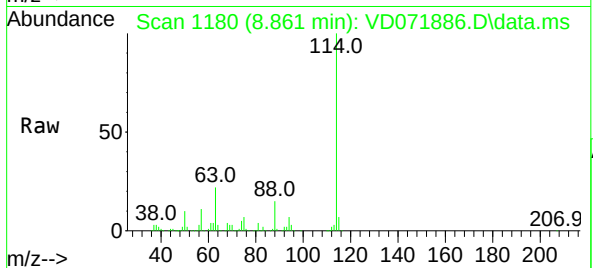
Tgt Ion:114 Resp: 594390

Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 55.268 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071886.D

Acq: 03 Feb 2022 11:05

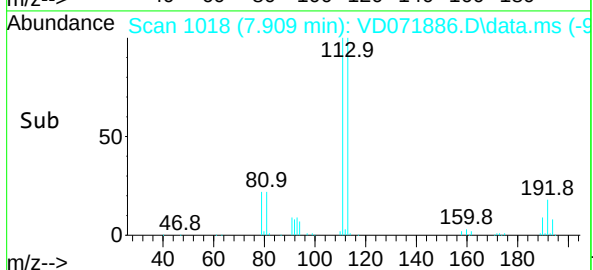
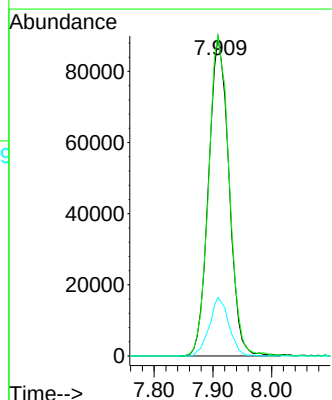
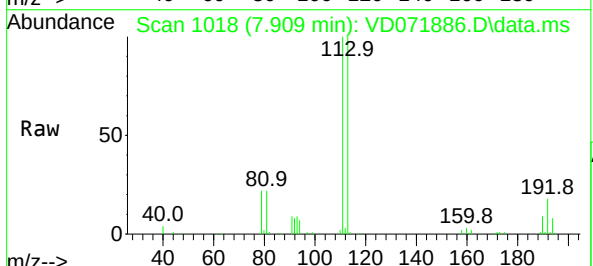
Tgt Ion:113 Resp: 215939

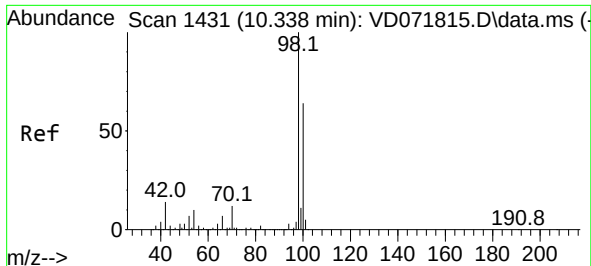
Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 17.5 14.6 21.8

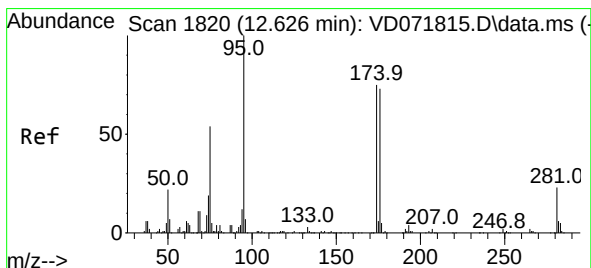
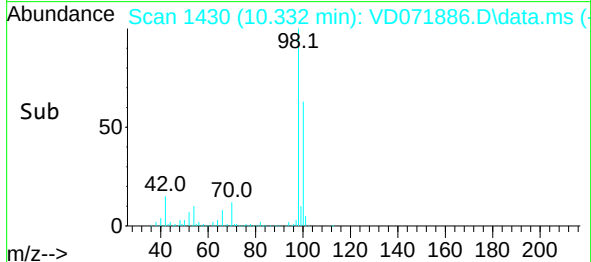
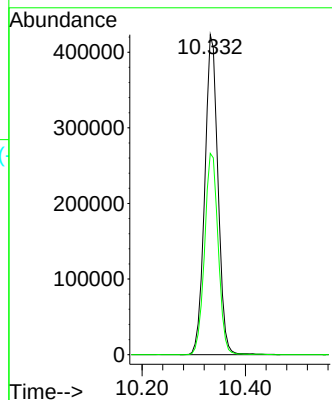
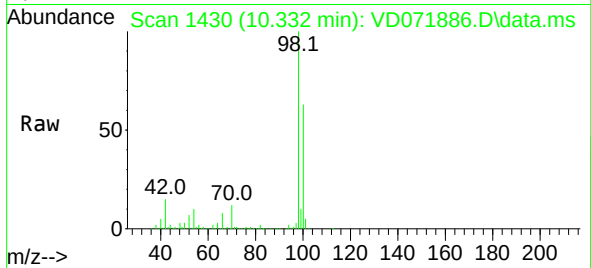




#50
Toluene-d8
Concen: 51.414 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071886.D
Acq: 03 Feb 2022 11:05

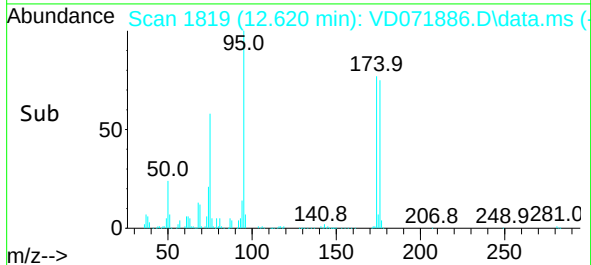
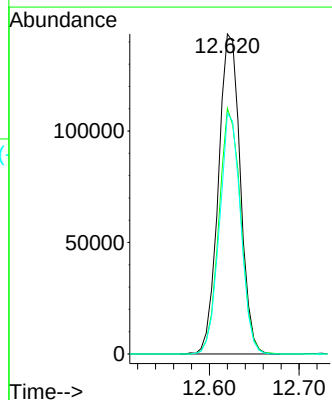
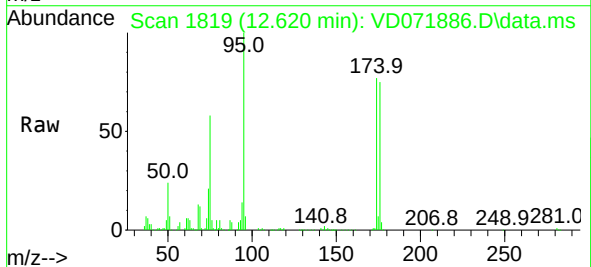
Instrument :
MSVOA_D
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VD0203SBL01

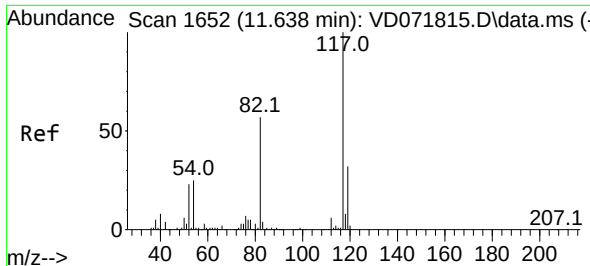
Tgt Ion: 98 Resp: 750222
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.706 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071886.D
Acq: 03 Feb 2022 11:05

Tgt Ion: 95 Resp: 243090
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 72.8 0.0 145.4

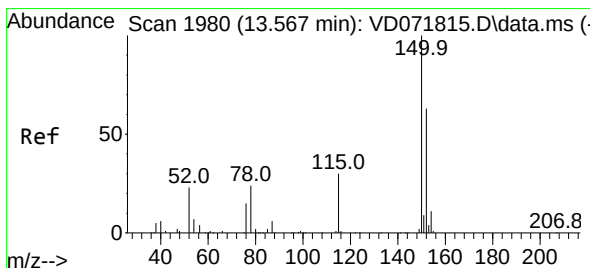
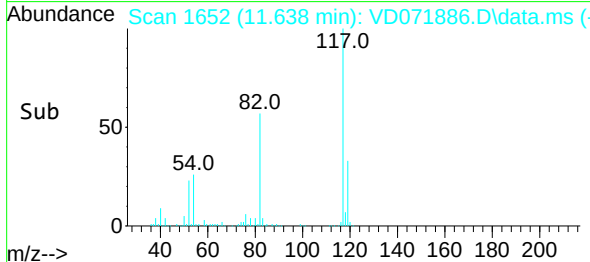
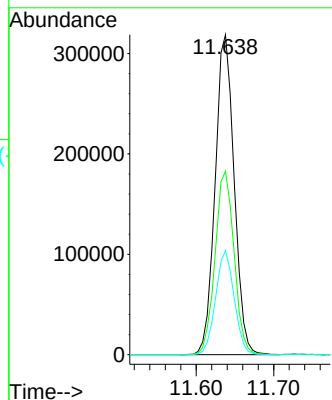
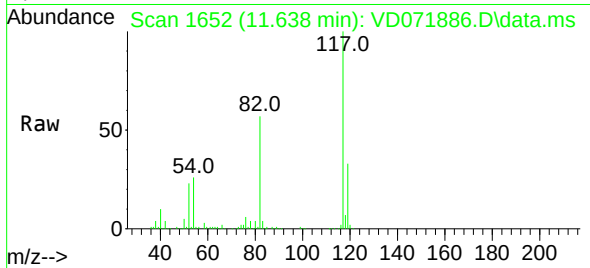




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071886.D
Acq: 03 Feb 2022 11:05

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBL01

Tgt Ion:117 Resp: 542851
Ion Ratio Lower Upper
117 100
82 57.4 45.3 67.9
119 32.5 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: VD071886.D
Acq: 03 Feb 2022 11:05

Tgt Ion:152 Resp: 241077
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 157.2 0.0 348.6

