

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020122\
 Data File : VD071862.D
 Acq On : 01 Feb 2022 10:33
 Operator : VA/SY
 Sample : VD0201SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0201SBL01

Quant Time: Feb 02 07:04:45 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	7.985	168	341629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	605421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	547041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	226383	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	246015	56.974	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.940%
35) Dibromofluoromethane	7.914	113	213034	53.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.060%
50) Toluene-d8	10.338	98	793356	53.380	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.760%
62) 4-Bromofluorobenzene	12.626	95	241617	46.553	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.100%

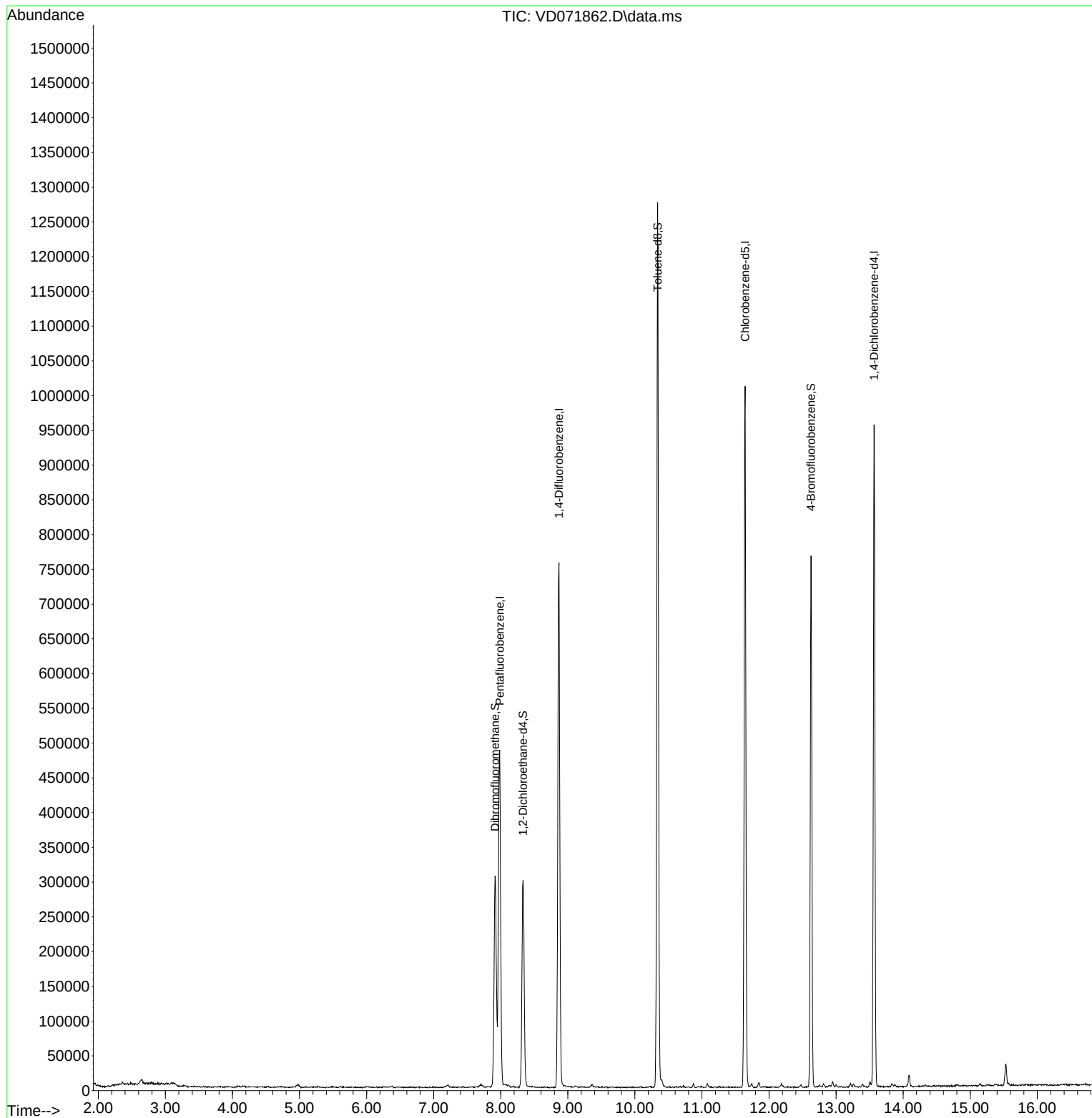
Target Compounds	Qvalue

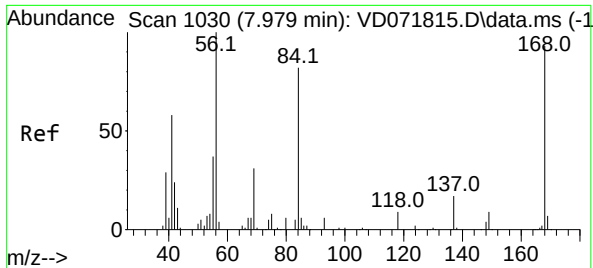
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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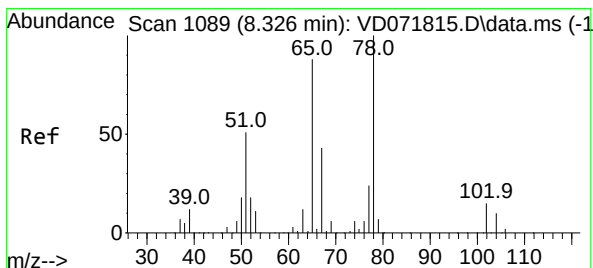
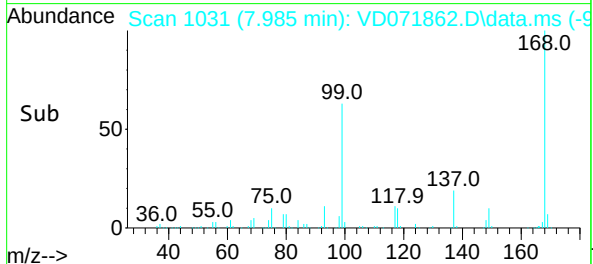
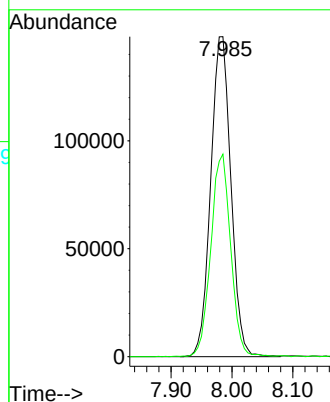
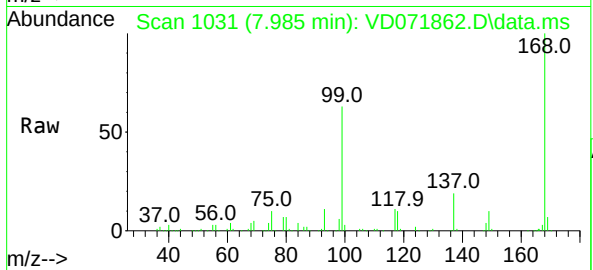




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD071862.D
Acq: 01 Feb 2022 10:33

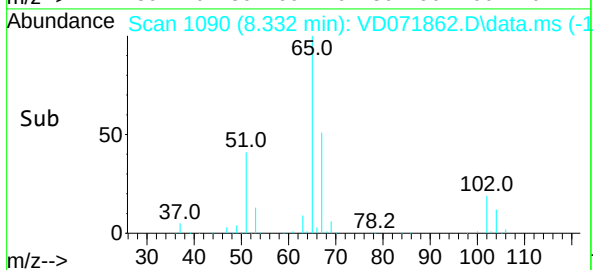
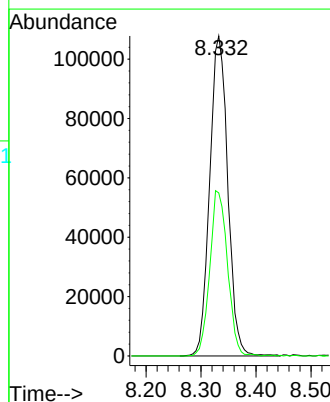
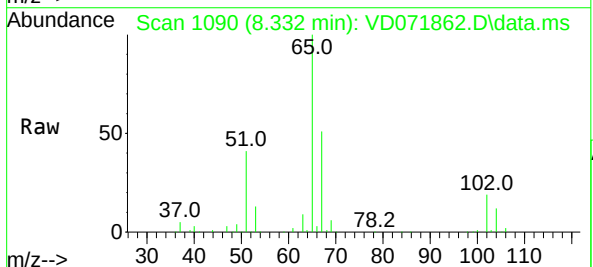
Instrument :
MSVOA_D
ClientSampleId :
VD0201SBL01

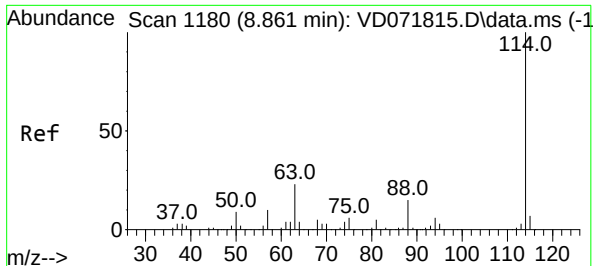
Tgt Ion:168 Resp: 341629
Ion Ratio Lower Upper
168 100
99 63.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 56.974 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071862.D
Acq: 01 Feb 2022 10:33

Tgt Ion: 65 Resp: 246015
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071862.D

Acq: 01 Feb 2022 10:33

Instrument :

MSVOA_D

ClientSampleId :

VD0201SBL01

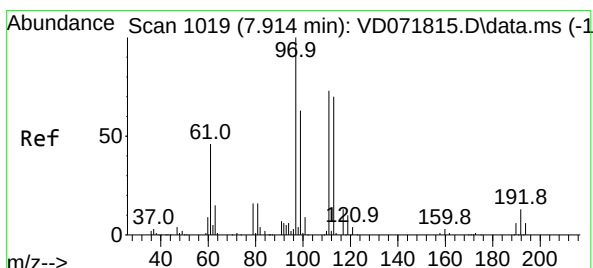
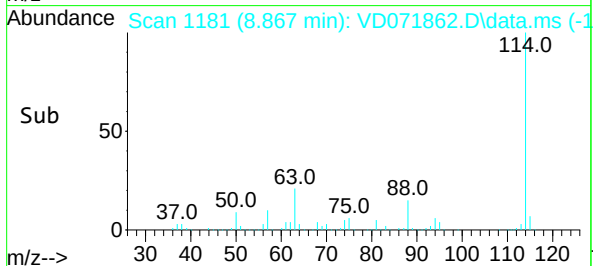
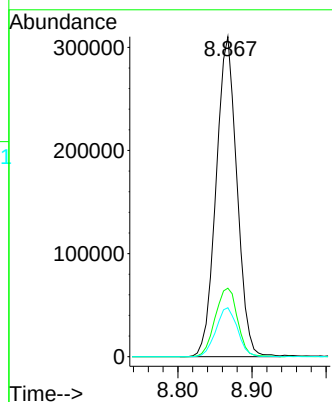
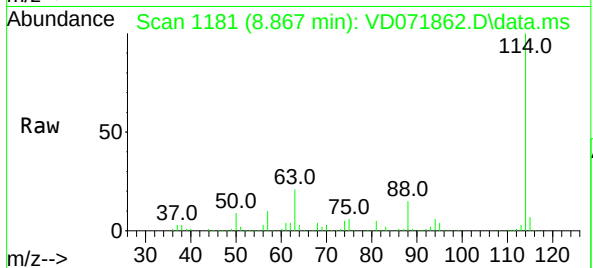
Tgt Ion:114 Resp: 605421

Ion Ratio Lower Upper

114 100

63 21.4 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 53.531 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071862.D

Acq: 01 Feb 2022 10:33

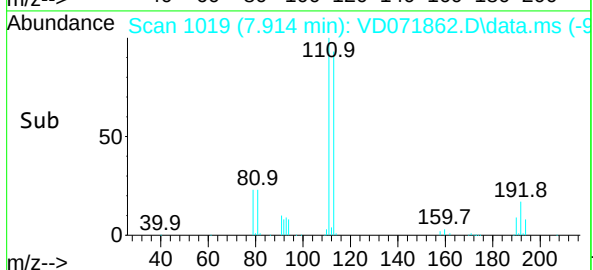
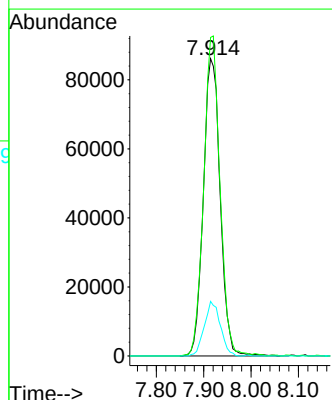
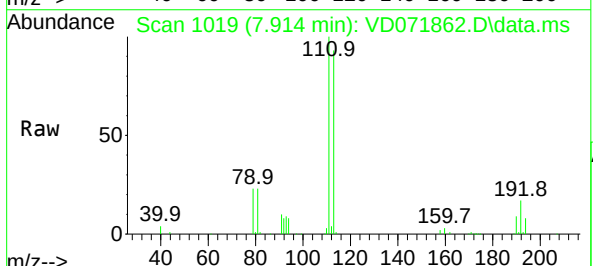
Tgt Ion:113 Resp: 213034

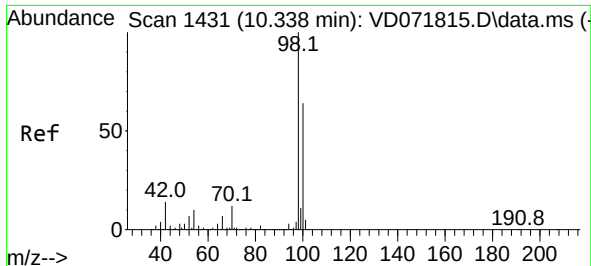
Ion Ratio Lower Upper

113 100

111 104.2 83.8 125.6

192 17.5 14.6 21.8

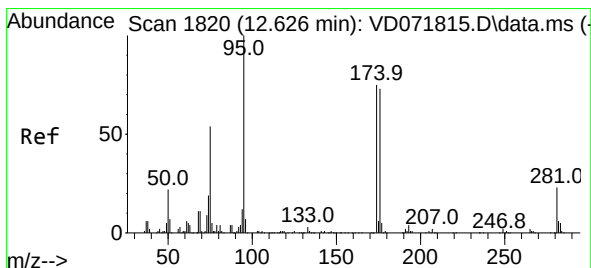
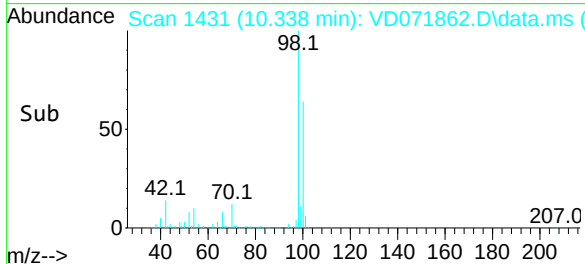
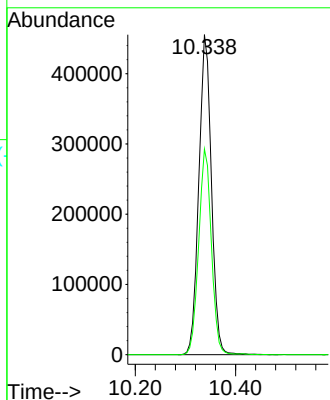
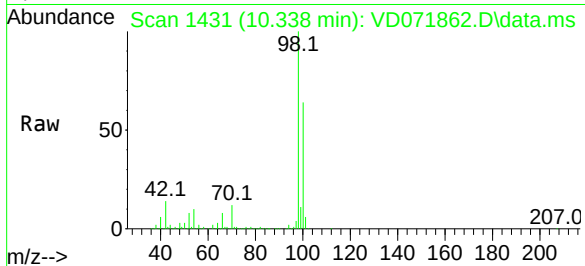




#50
Toluene-d8
Concen: 53.380 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071862.D
Acq: 01 Feb 2022 10:33

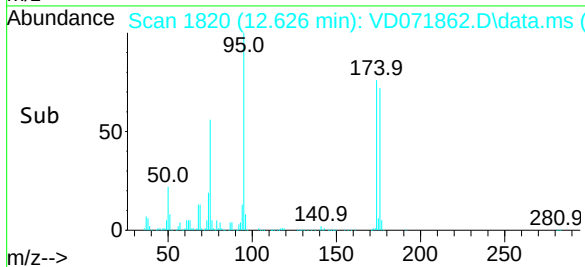
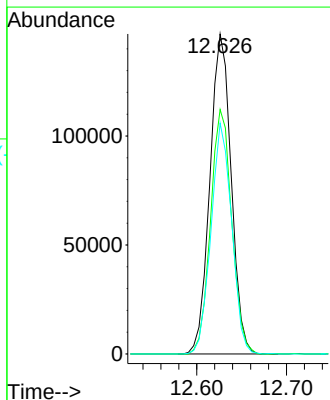
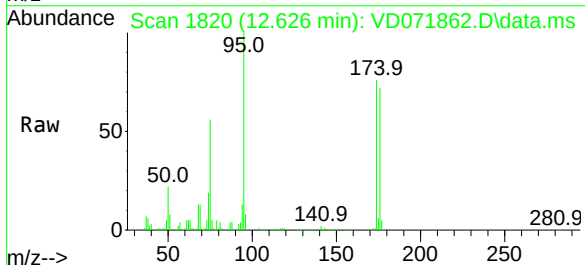
Instrument :
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VD0201SBL01

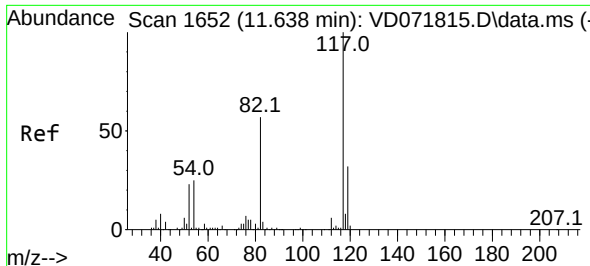
Tgt Ion: 98 Resp: 793356
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.553 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071862.D
Acq: 01 Feb 2022 10:33

Tgt Ion: 95 Resp: 241617
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.8
176 70.1 0.0 145.4

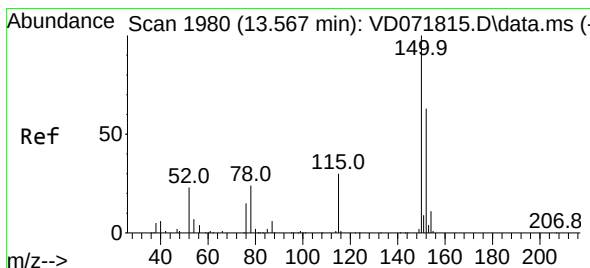
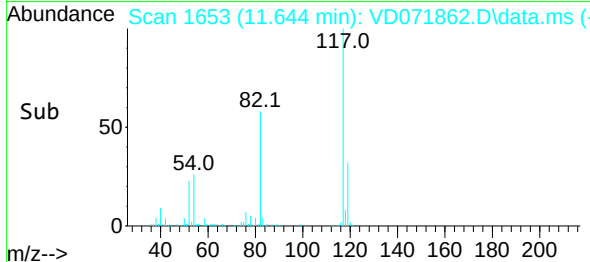
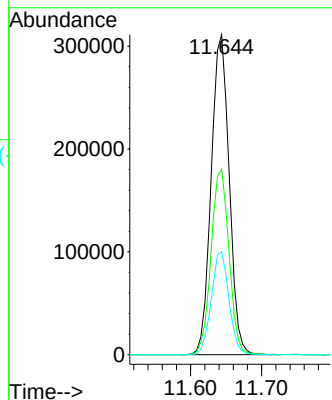
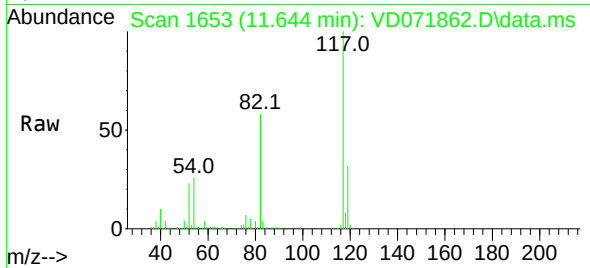




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VD071862.D
Acq: 01 Feb 2022 10:33

Instrument :
MSVOA_D
ClientSampleId :
VD0201SBL01

Tgt Ion:117 Resp: 547041
Ion Ratio Lower Upper
117 100
82 58.0 45.3 67.9
119 32.1 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: VD071862.D
Acq: 01 Feb 2022 10:33

Tgt Ion:152 Resp: 226383
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 159.5 0.0 348.6

