

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020122\
 Data File : VD071865.D
 Acq On : 01 Feb 2022 11:55
 Operator : VA/SY
 Sample : N1340-01
 Misc : 6.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1(0.5-1)

Quant Time: Feb 02 07:05:35 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	495766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	890663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	796807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	331934	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	281236	44.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.760%
35) Dibromofluoromethane	7.920	113	278071	47.496	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.000%
50) Toluene-d8	10.338	98	1126178	51.506	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.020%
62) 4-Bromofluorobenzene	12.626	95	353717	46.325	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.660%

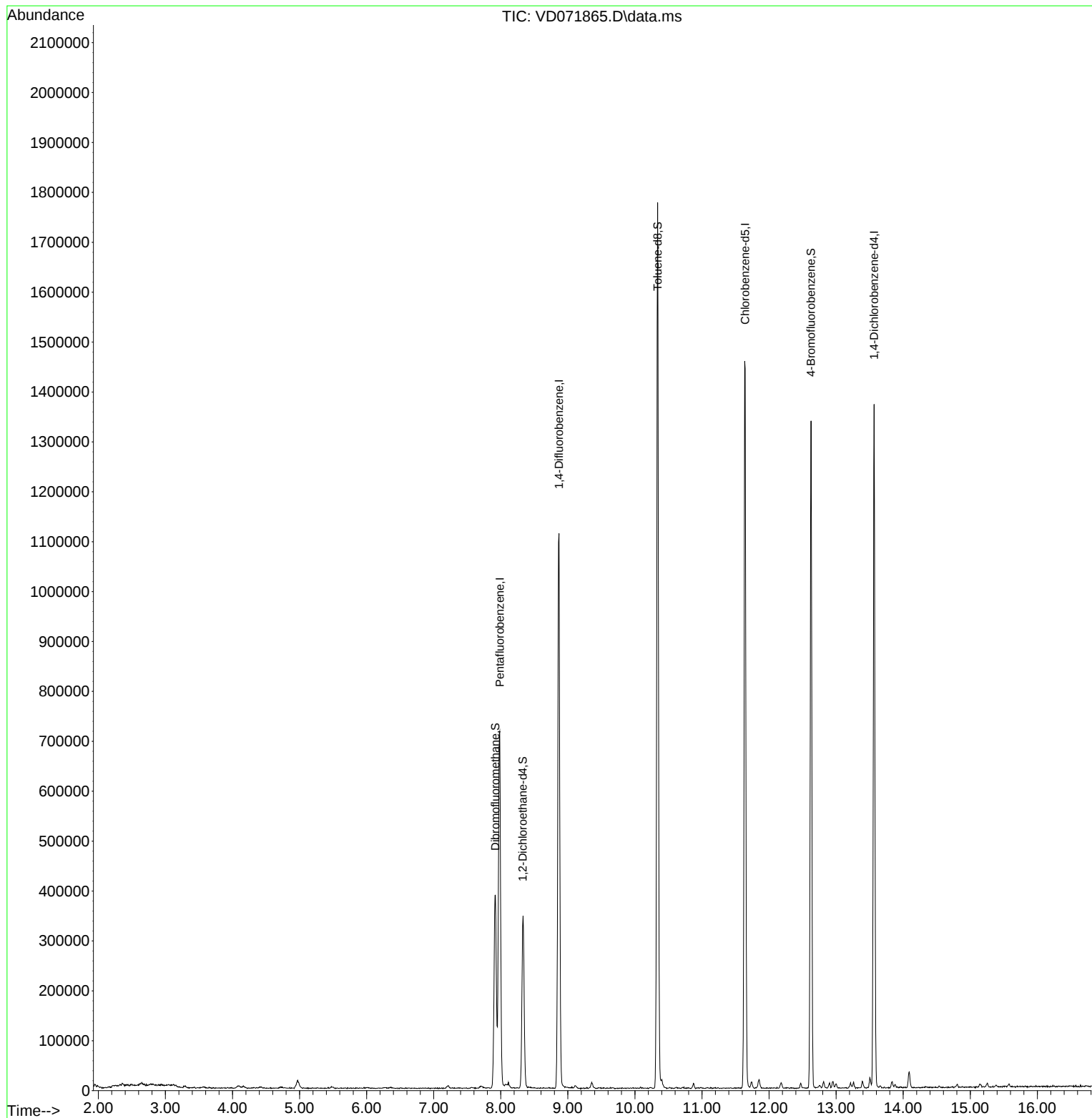
Target Compounds	Qvalue

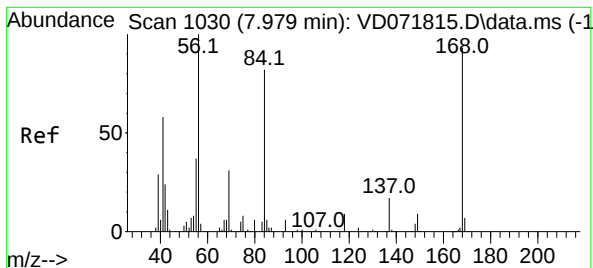
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VD071865.D

Acq: 01 Feb 2022 11:55

Instrument :

MSVOA_D

ClientSampleId :

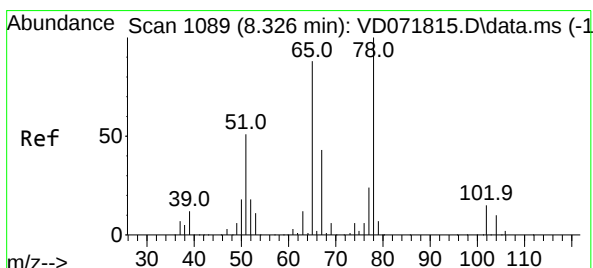
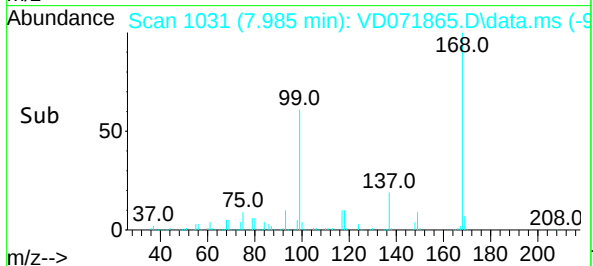
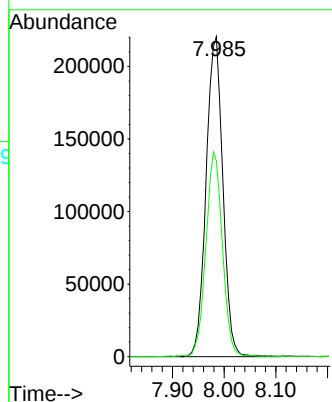
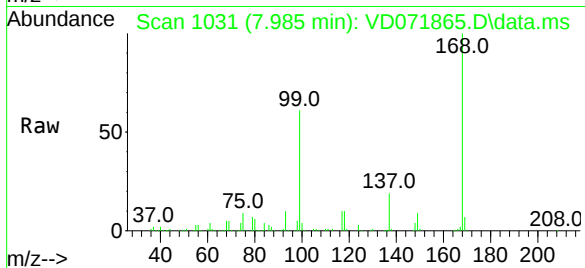
SB-1(0.5-1)

Tgt Ion:168 Resp: 495766

Ion Ratio Lower Upper

168 100

99 61.1 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 44.881 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071865.D

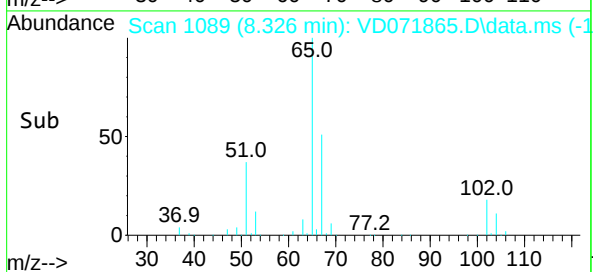
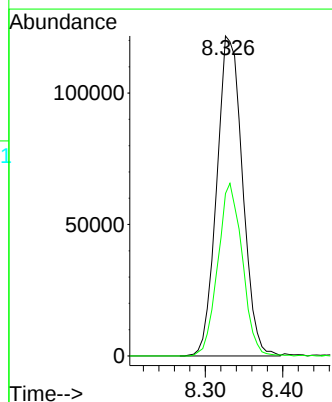
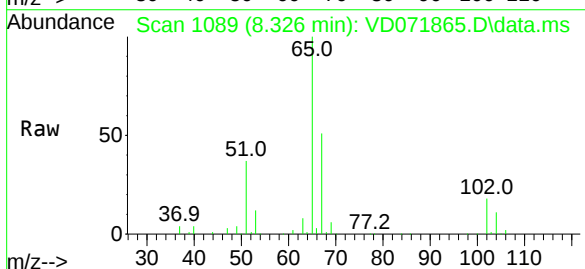
Acq: 01 Feb 2022 11:55

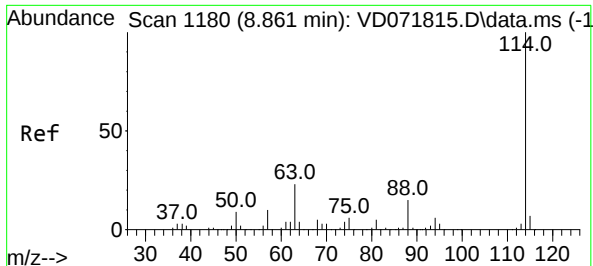
Tgt Ion: 65 Resp: 281236

Ion Ratio Lower Upper

65 100

67 51.3 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: VD071865.D

Acq: 01 Feb 2022 11:55

Instrument :

MSVOA_D

ClientSampleId :

SB-1(0.5-1)

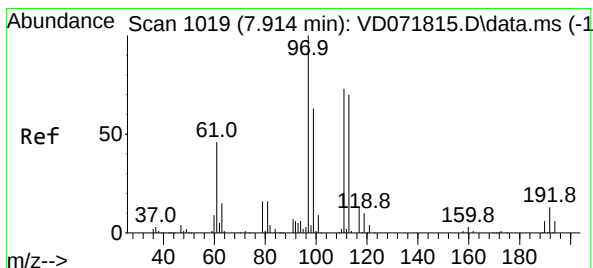
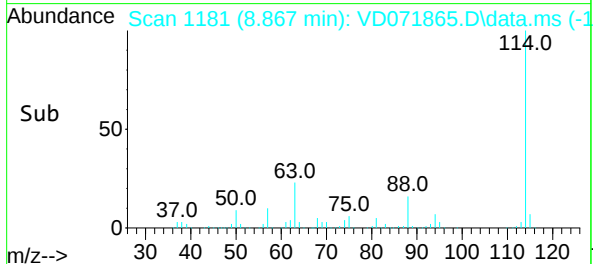
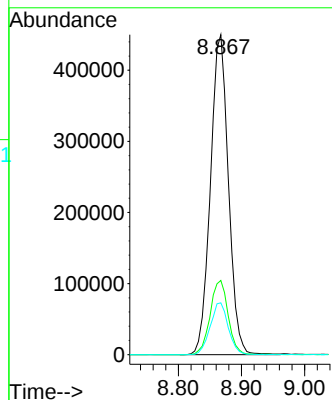
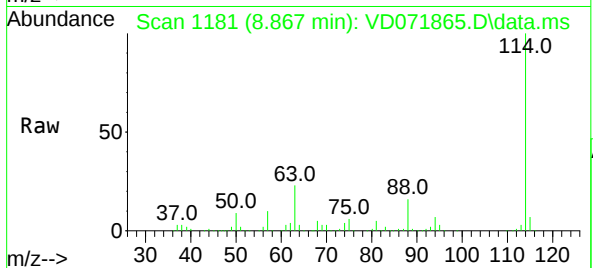
Tgt Ion:114 Resp: 890663

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.6

88 16.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.496 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VD071865.D

Acq: 01 Feb 2022 11:55

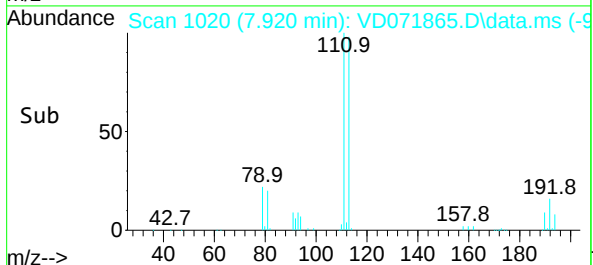
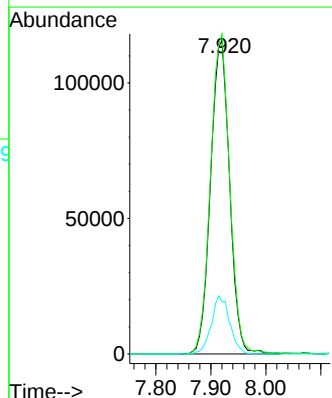
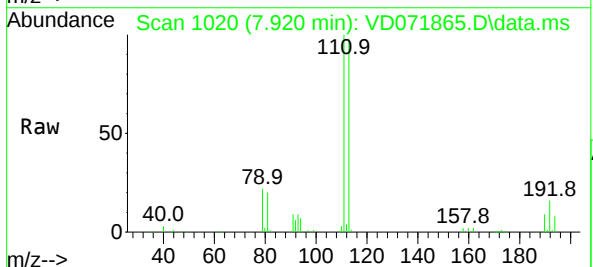
Tgt Ion:113 Resp: 278071

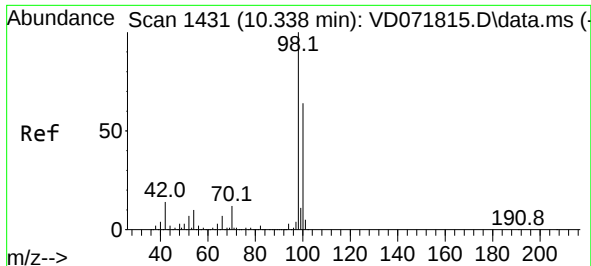
Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 17.7 14.6 21.8

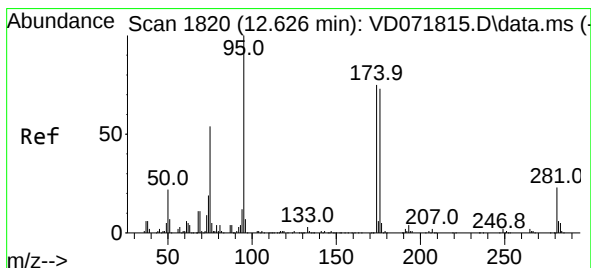
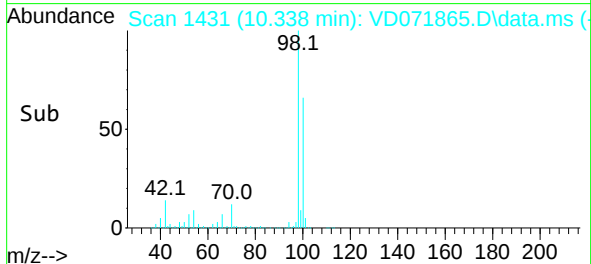
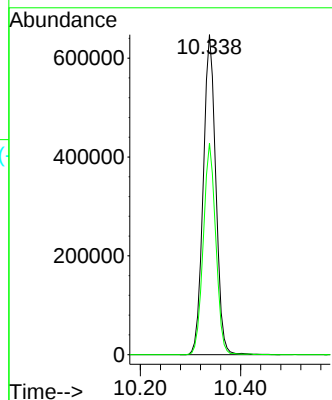
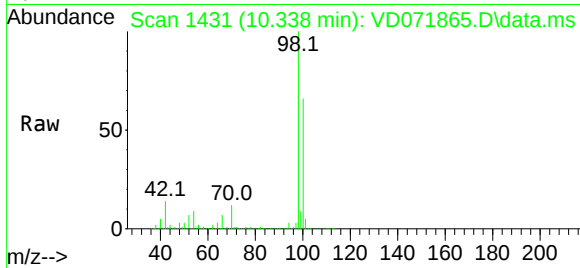




#50
Toluene-d8
Concen: 51.506 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071865.D
Acq: 01 Feb 2022 11:55

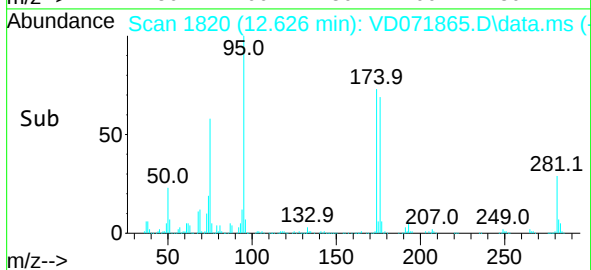
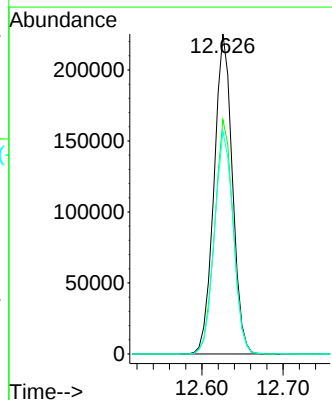
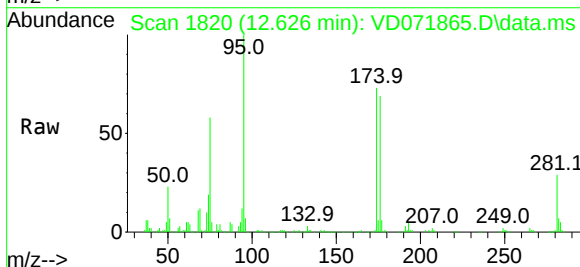
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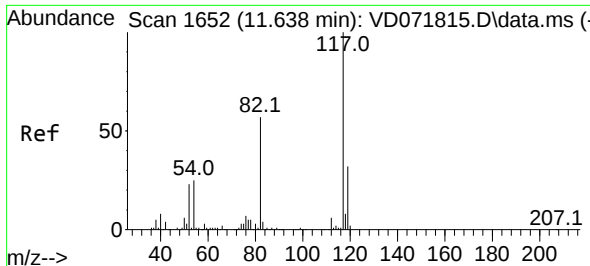
Tgt Ion: 98 Resp: 1126178
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.325 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071865.D
Acq: 01 Feb 2022 11:55

Tgt Ion: 95 Resp: 353717
Ion Ratio Lower Upper
95 100
174 73.7 0.0 152.8
176 71.3 0.0 145.4

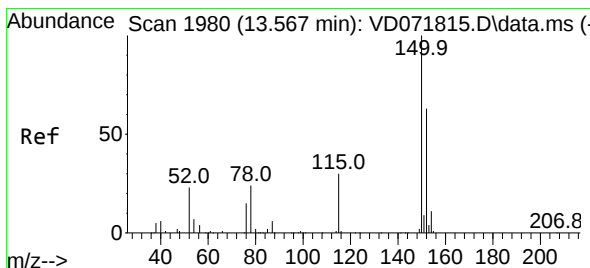
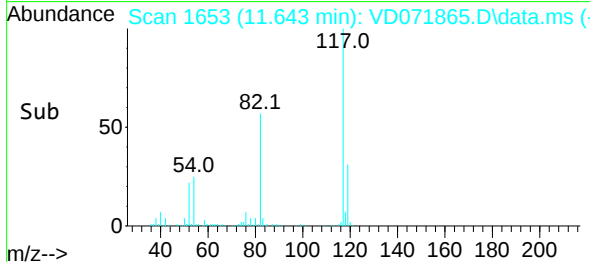
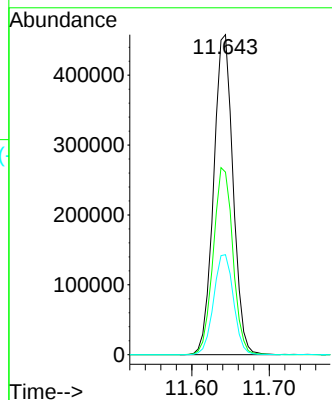
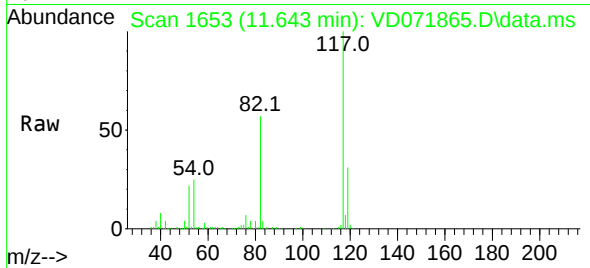




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD071865.D
Acq: 01 Feb 2022 11:55

Instrument :
MSVOA_D
ClientSampleId :
SB-1(0.5-1)

Tgt Ion:117 Resp: 796807
Ion Ratio Lower Upper
117 100
82 57.1 45.3 67.9
119 31.2 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: VD071865.D
Acq: 01 Feb 2022 11:55

Tgt Ion:152 Resp: 331934
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 158.5 0.0 348.6

