

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071924.D
 Acq On : 08 Feb 2022 18:12
 Operator : VA/SY
 Sample : N1423-10RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-25RE

Quant Time: Feb 09 04:01:38 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	5424	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	8536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	8185	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	3735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	5250	76.579	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 153.160%	
35) Dibromofluoromethane	7.914	113	2722	48.512	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.020%	
50) Toluene-d8	10.338	98	10744	51.272	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.540%	
62) 4-Bromofluorobenzene	12.626	95	3745	51.177	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.360%	

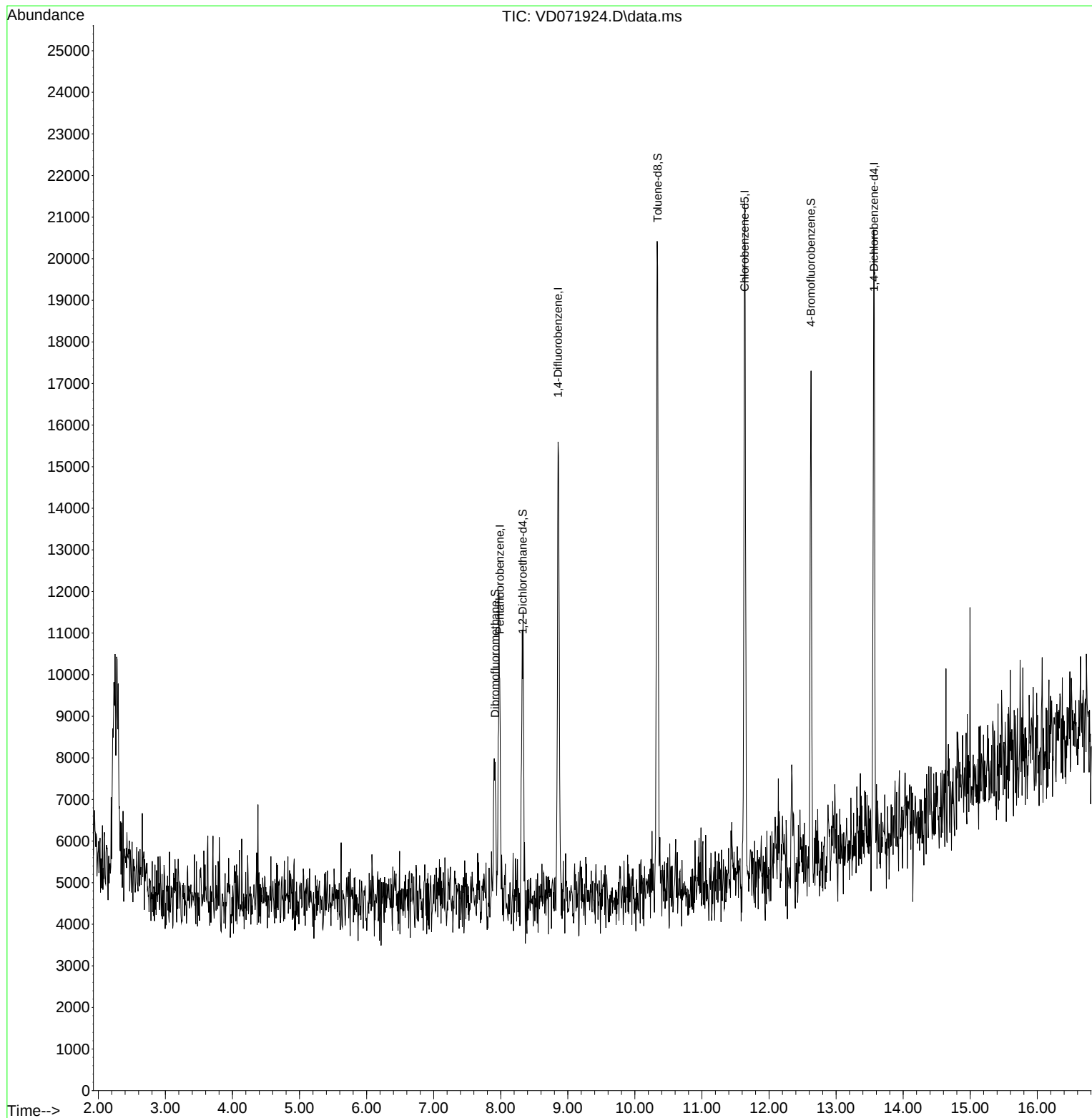
Target Compounds Qvalue

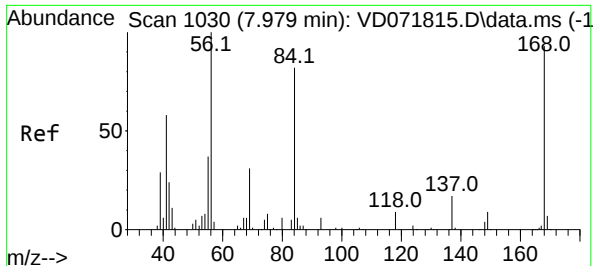
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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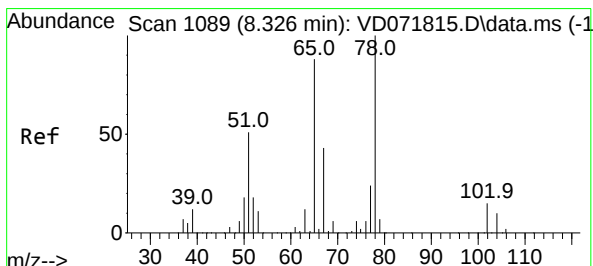
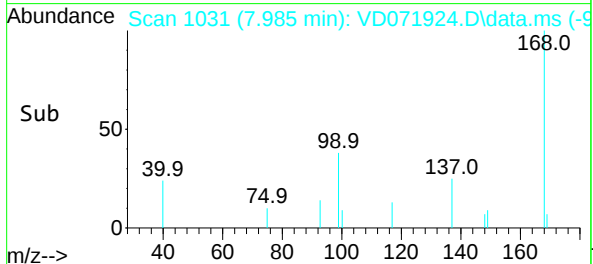
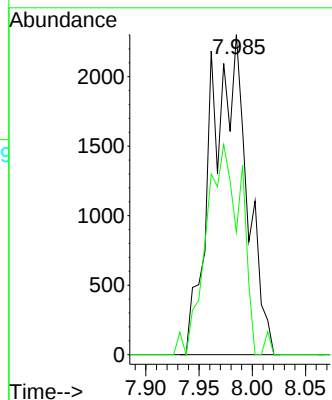
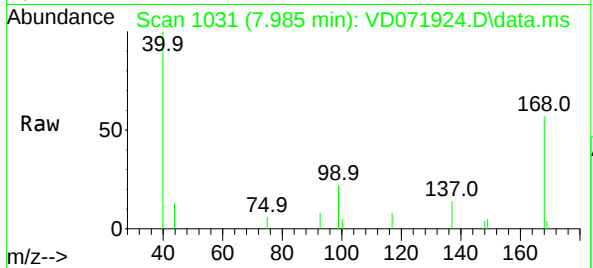




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071924.D
Acq: 08 Feb 2022 18:12

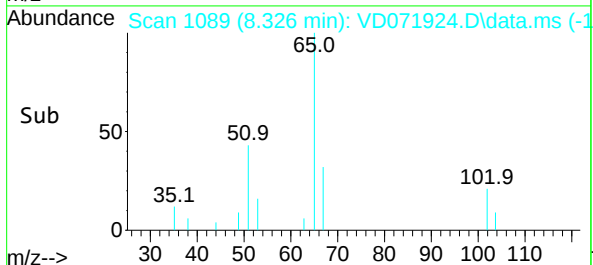
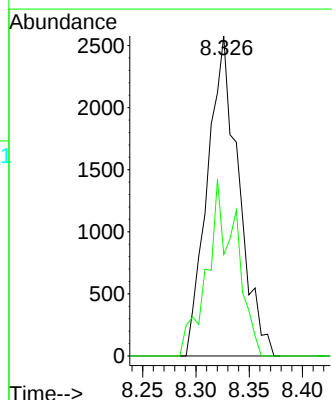
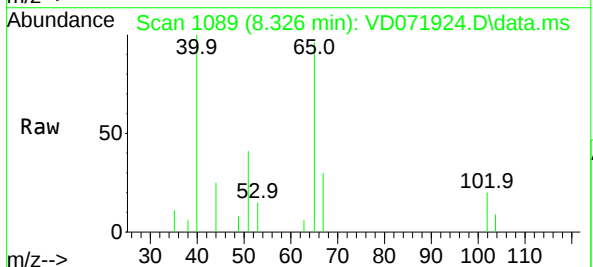
Instrument :
MSVOA_D
ClientSampleId :
TP-25RE

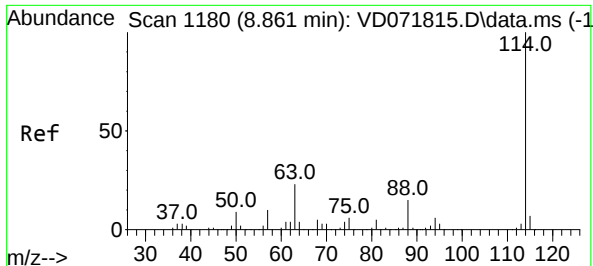
Tgt Ion:168 Resp: 5424
Ion Ratio Lower Upper
168 100
99 38.3 49.8 74.6#



#33
1,2-Dichloroethane-d4
Concen: 76.579 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071924.D
Acq: 08 Feb 2022 18:12

Tgt Ion: 65 Resp: 5250
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071924.D

Acq: 08 Feb 2022 18:12

Instrument :

MSVOA_D

ClientSampleId :

TP-25RE

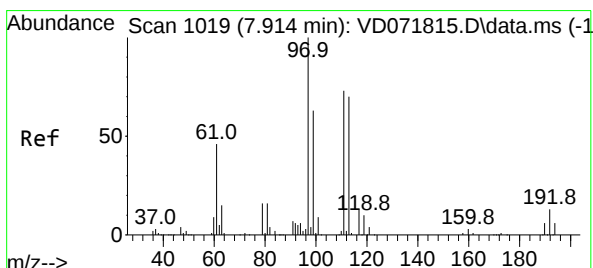
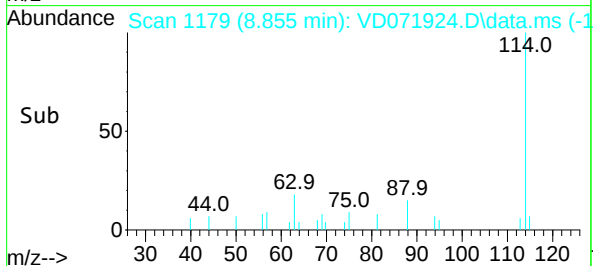
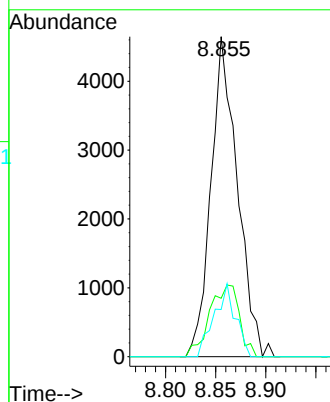
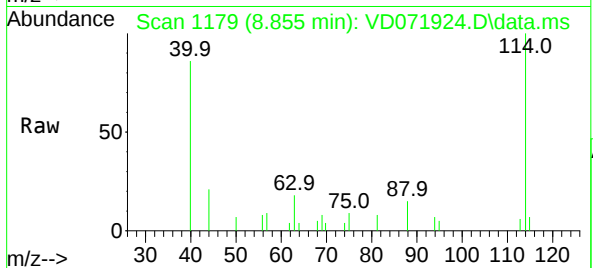
Tgt Ion:114 Resp: 8536

Ion Ratio Lower Upper

114 100

63 18.2 0.0 46.6

88 14.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.512 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071924.D

Acq: 08 Feb 2022 18:12

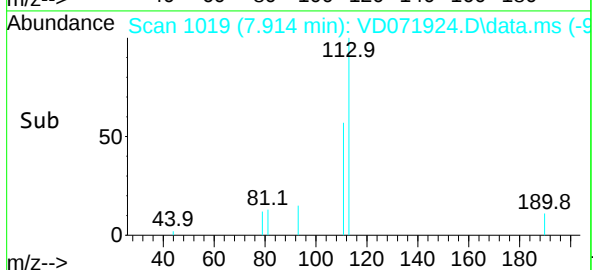
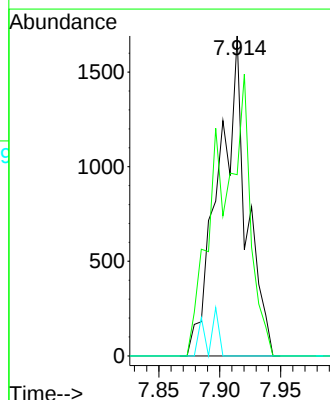
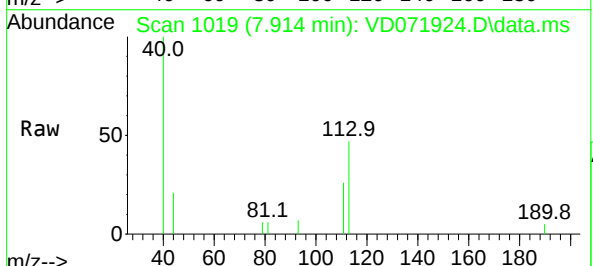
Tgt Ion:113 Resp: 2722

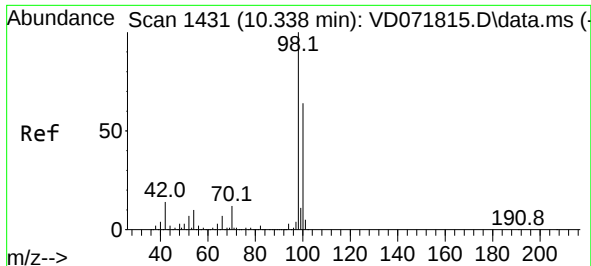
Ion Ratio Lower Upper

113 100

111 32.3 83.8 125.6#

192 0.0 14.6 21.8#

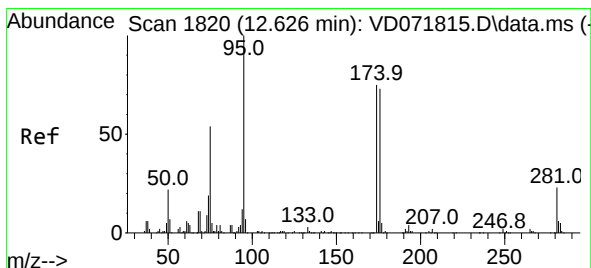
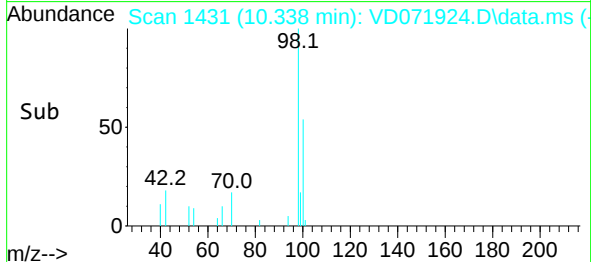
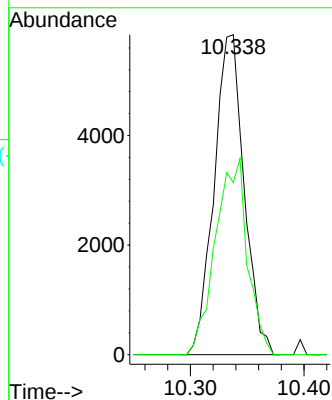
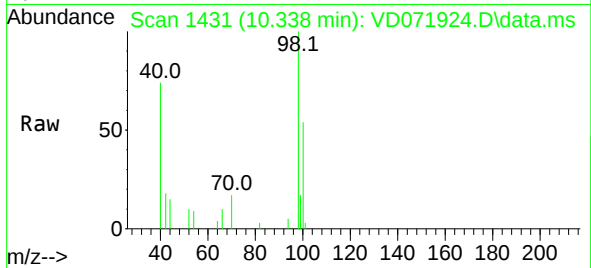




#50
Toluene-d8
Concen: 51.272 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071924.D
Acq: 08 Feb 2022 18:12

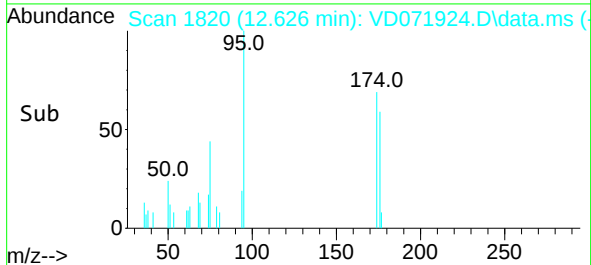
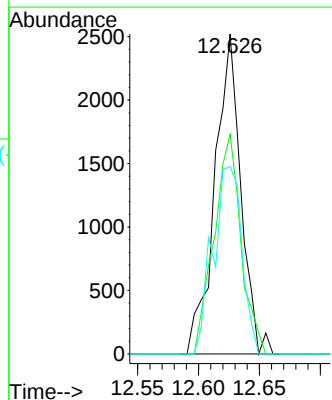
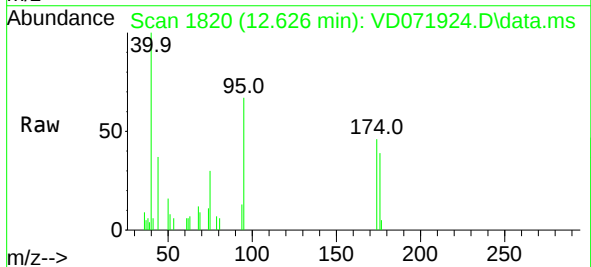
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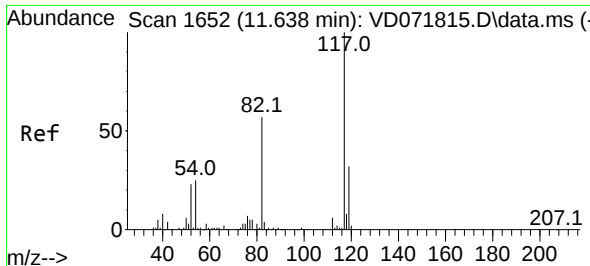
Tgt Ion: 98 Resp: 10744
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.177 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071924.D
Acq: 08 Feb 2022 18:12

Tgt Ion: 95 Resp: 3745
Ion Ratio Lower Upper
95 100
174 70.8 0.0 152.8
176 65.0 0.0 145.4

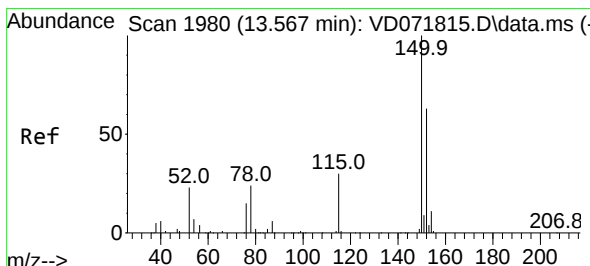
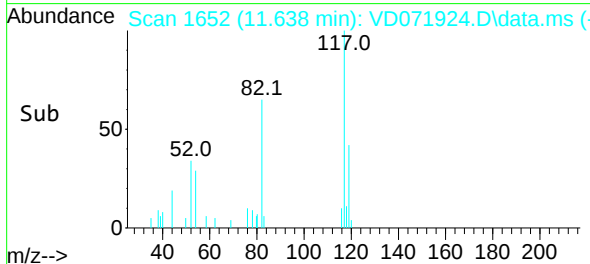
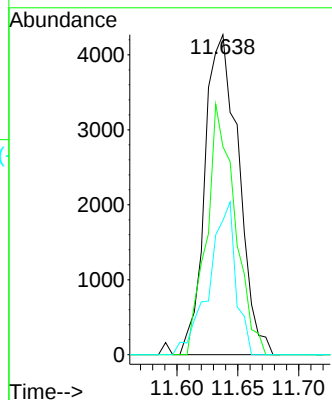
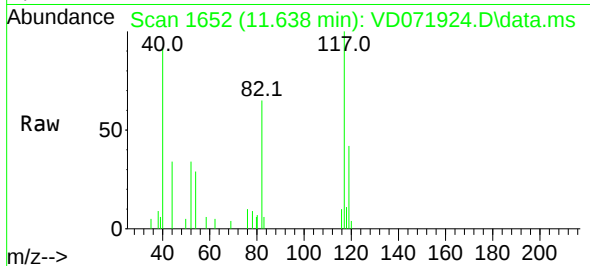




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071924.D
Acq: 08 Feb 2022 18:12

Instrument :
MSVOA_D
ClientSampleId :
TP-25RE

Tgt Ion:117 Resp: 8185
Ion Ratio Lower Upper
117 100
82 65.0 45.3 67.9
119 41.9 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: VD071924.D
Acq: 08 Feb 2022 18:12

Tgt Ion:152 Resp: 3735
Ion Ratio Lower Upper
152 100
115 66.9 31.3 93.8
150 148.5 0.0 348.6

