

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071618.D
 Acq On : 05 Jan 2022 17:05
 Operator : VA/SY
 Sample : N1018-01
 Misc : 6.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FM-A4-A41-01-4.5

Quant Time: Jan 06 07:04:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	312060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	559482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	507920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	222800	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	219034	52.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.700%
35) Dibromofluoromethane	7.909	113	184673	49.113	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.220%
50) Toluene-d8	10.338	98	700477	49.296	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.626	95	229703	45.491	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.980%

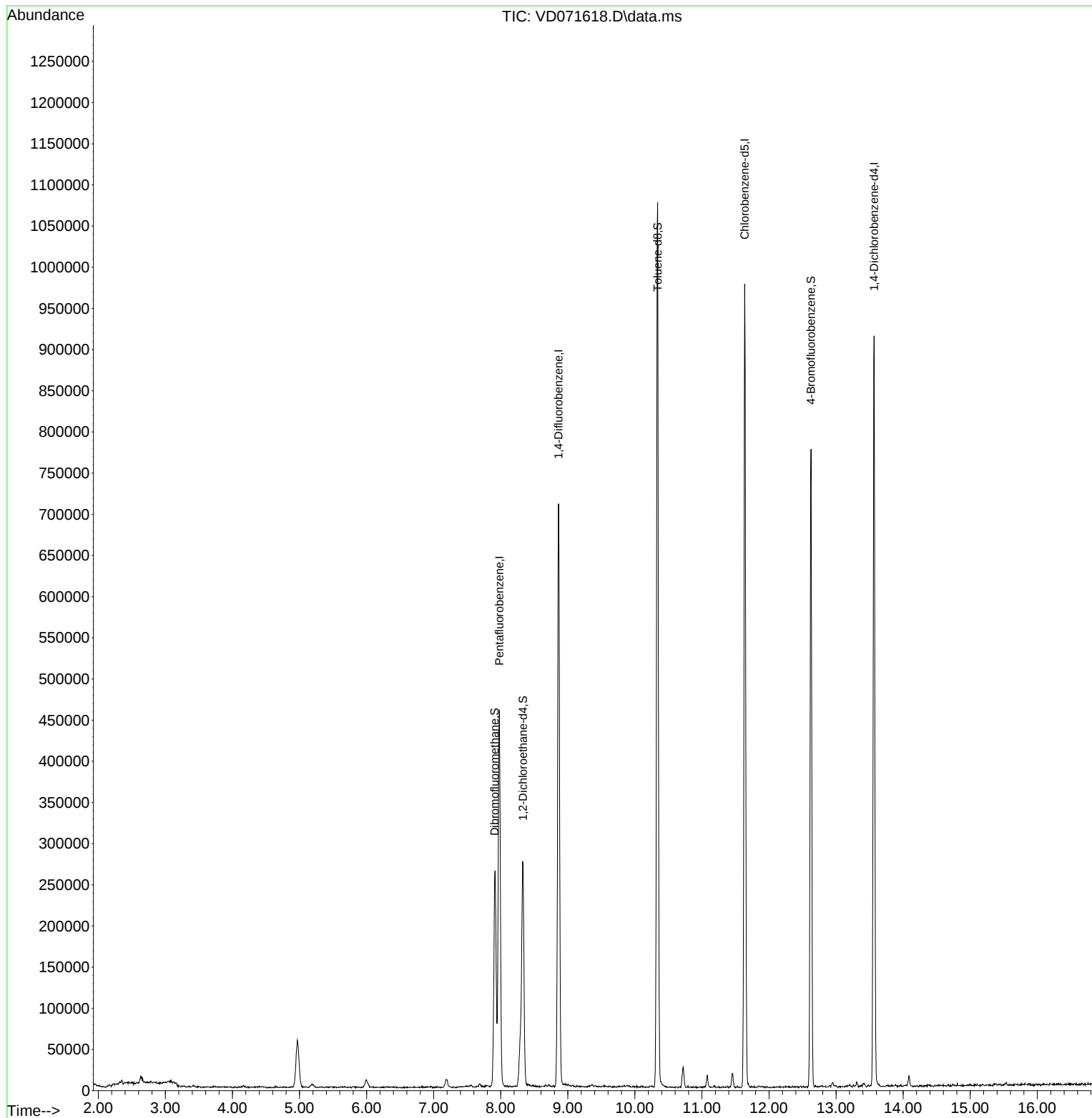
Target Compounds	Qvalue

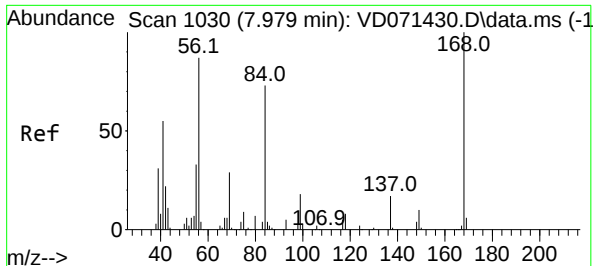
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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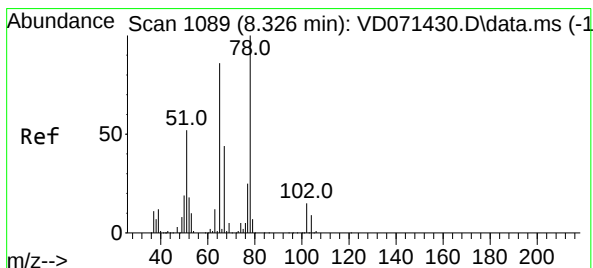
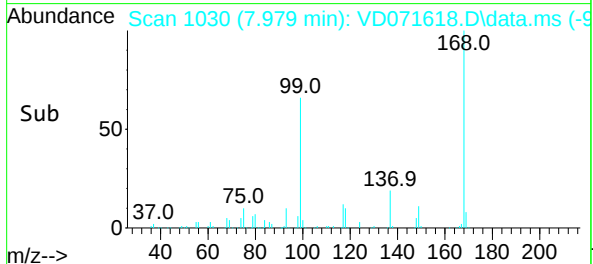
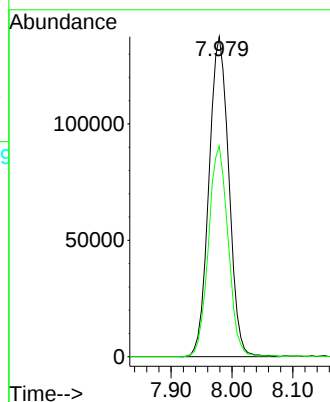
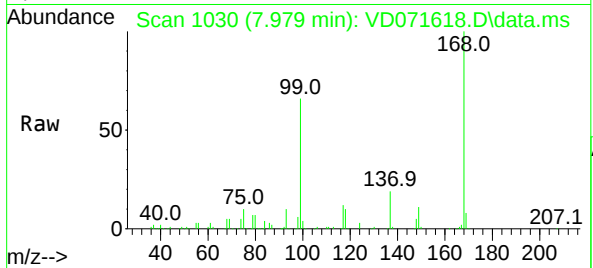




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071618.D
Acq: 05 Jan 2022 17:05

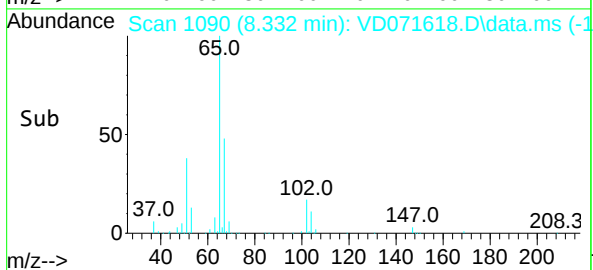
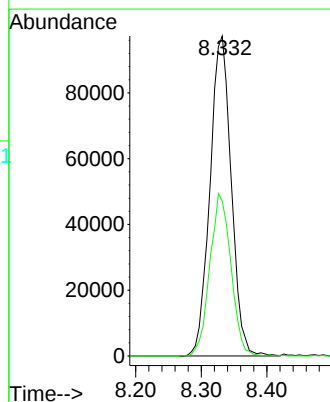
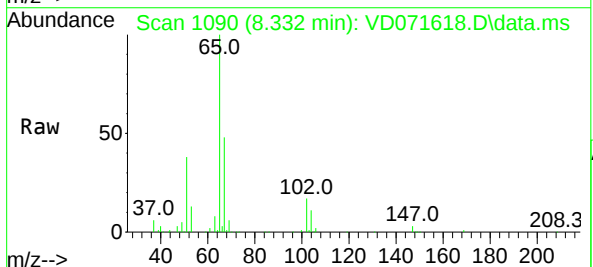
Instrument :
MSVOA_D
ClientSampleId :
FM-A4-A41-01-4.5

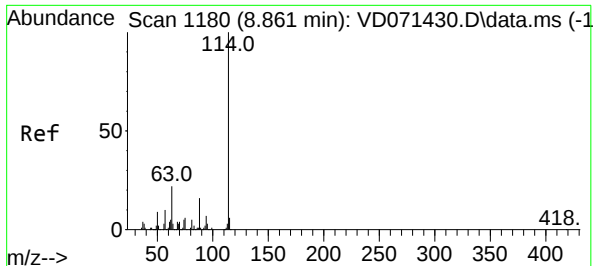
Tgt Ion:168 Resp: 312060
Ion Ratio Lower Upper
168 100
99 65.9 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 52.850 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071618.D
Acq: 05 Jan 2022 17:05

Tgt Ion: 65 Resp: 219034
Ion Ratio Lower Upper
65 100
67 50.3 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071618.D

Acq: 05 Jan 2022 17:05

Instrument :

MSVOA_D

ClientSampleId :

FM-A4-A41-01-4.5

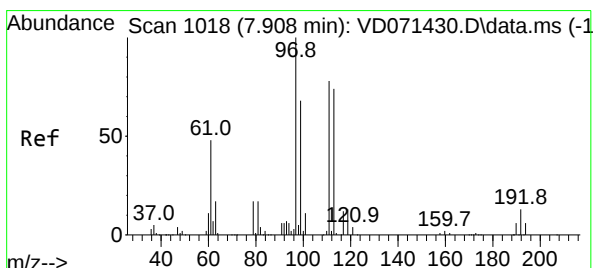
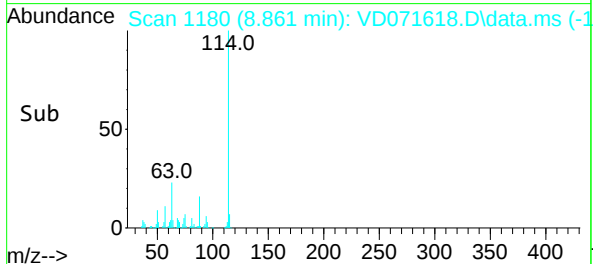
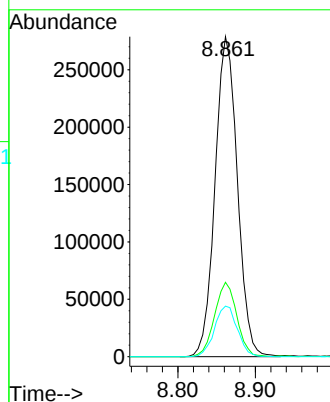
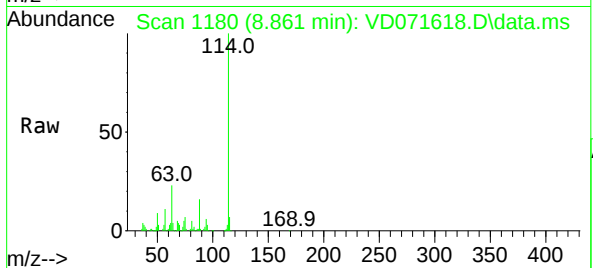
Tgt Ion:114 Resp: 559482

Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.8

88 15.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.113 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD071618.D

Acq: 05 Jan 2022 17:05

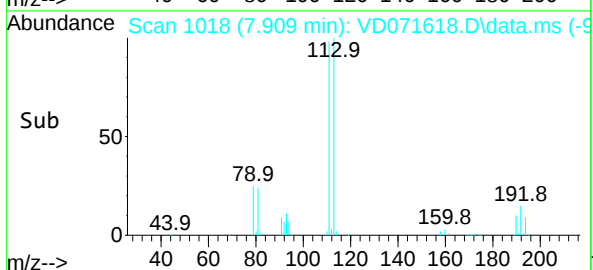
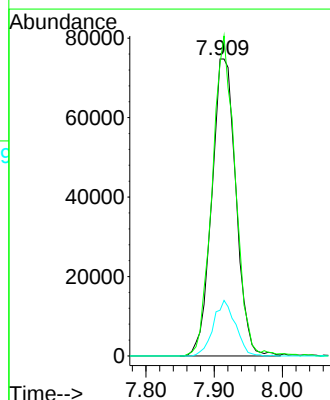
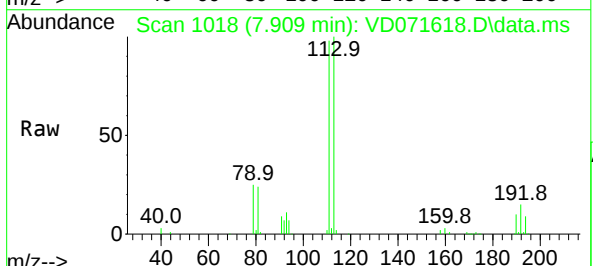
Tgt Ion:113 Resp: 184673

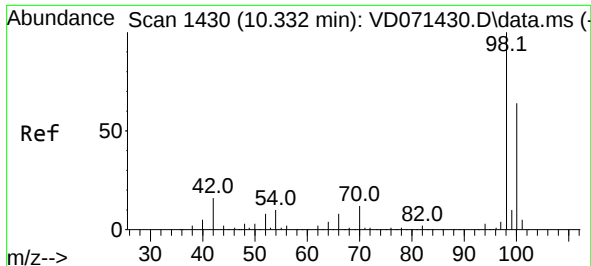
Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

192 17.1 15.2 22.8

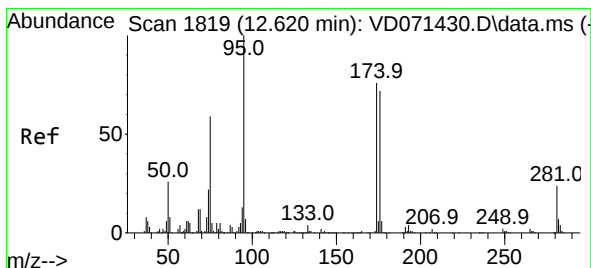
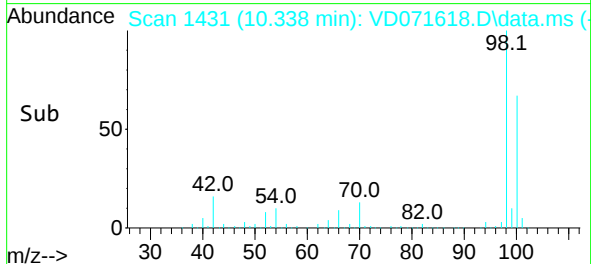
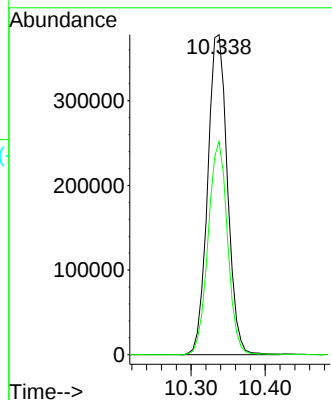
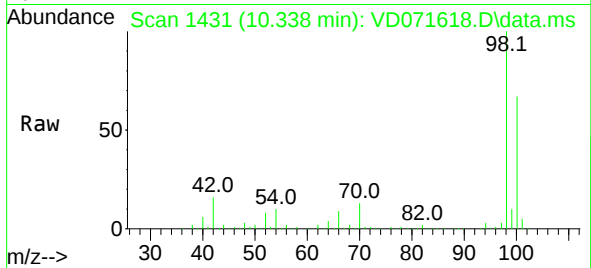




#50
Toluene-d8
Concen: 49.296 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071618.D
Acq: 05 Jan 2022 17:05

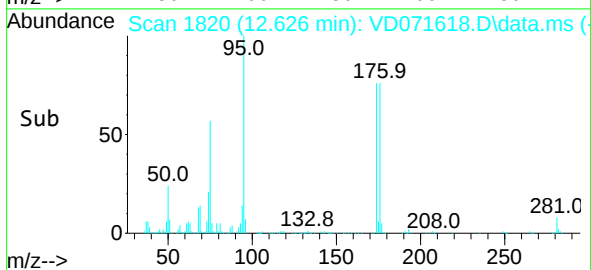
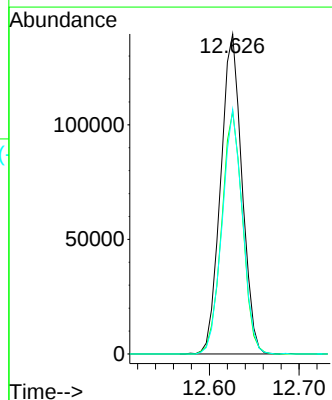
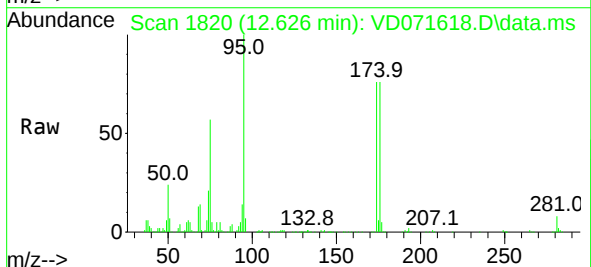
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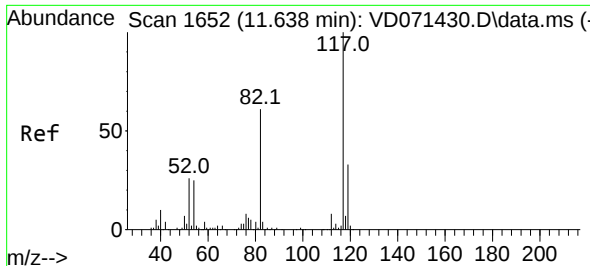
Tgt Ion: 98 Resp: 700477
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.491 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071618.D
Acq: 05 Jan 2022 17:05

Tgt Ion: 95 Resp: 229703
Ion Ratio Lower Upper
95 100
174 74.0 0.0 159.4
176 73.3 0.0 154.0

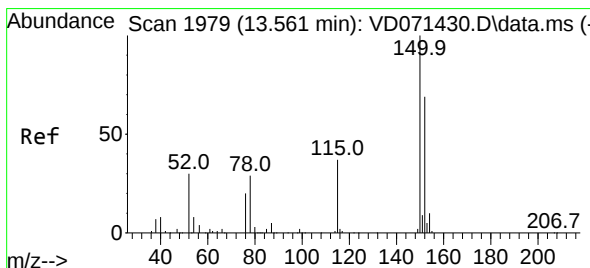
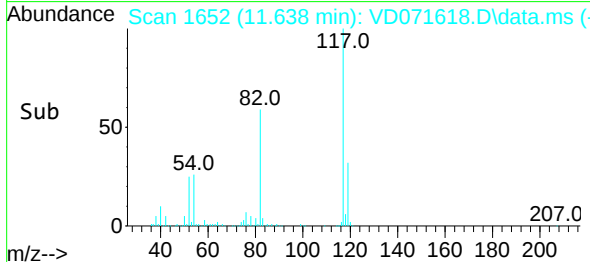
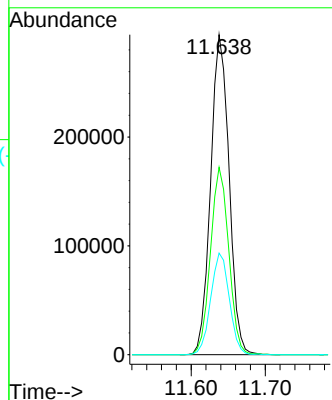
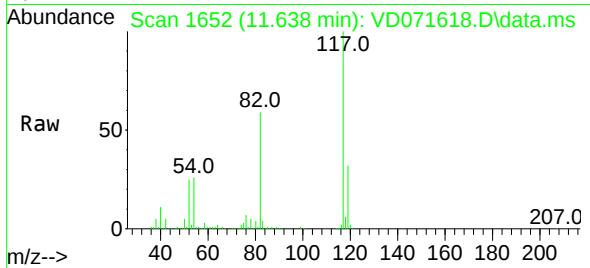




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071618.D
Acq: 05 Jan 2022 17:05

Instrument :
MSVOA_D
ClientSampleId :
FM-A4-A41-01-4.5

Tgt Ion:117 Resp: 507920
Ion Ratio Lower Upper
117 100
82 58.6 44.7 67.1
119 31.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071618.D
Acq: 05 Jan 2022 17:05

Tgt Ion:152 Resp: 222800
Ion Ratio Lower Upper
152 100
115 60.6 29.8 89.3
150 157.1 0.0 349.2

