

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071622.D
 Acq On : 05 Jan 2022 18:56
 Operator : VA/SY
 Sample : N1018-06
 Misc : 4.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FM-E3-02-4.5

Quant Time: Jan 06 07:05:54 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	7.973	168	13363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	20573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	20164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	8556	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	12327	69.459	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.920%
35) Dibromofluoromethane	7.920	113	7154	51.741	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.480%
50) Toluene-d8	10.338	98	24959	47.767	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.540%
62) 4-Bromofluorobenzene	12.626	95	7507	40.431	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.860%

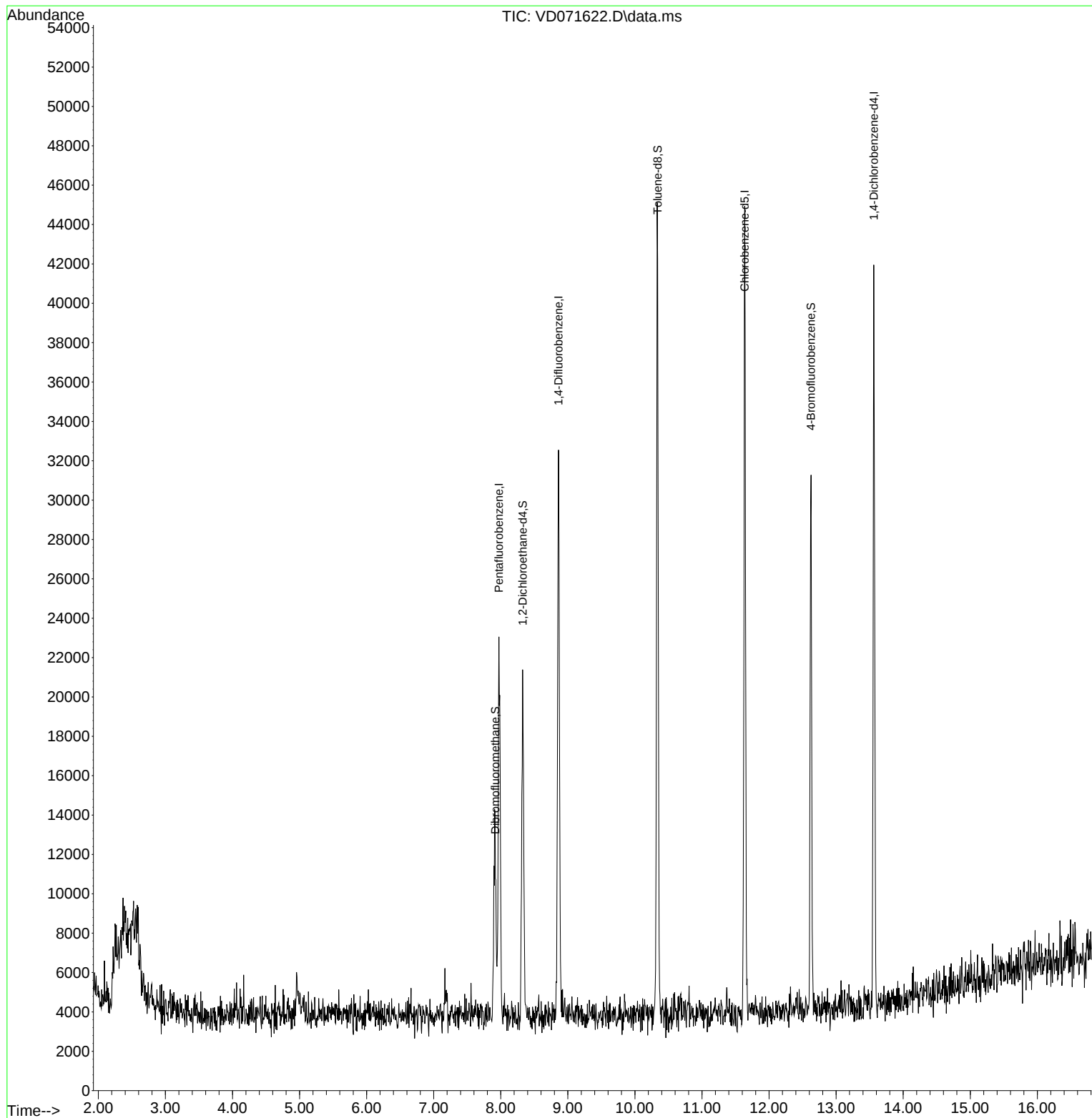
Target Compounds	Qvalue

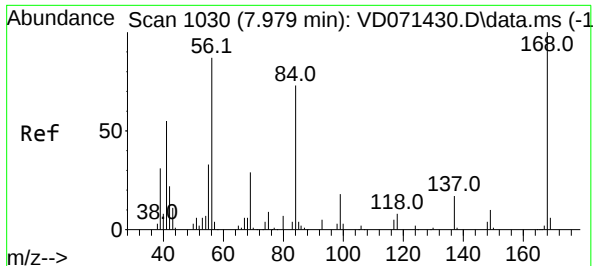
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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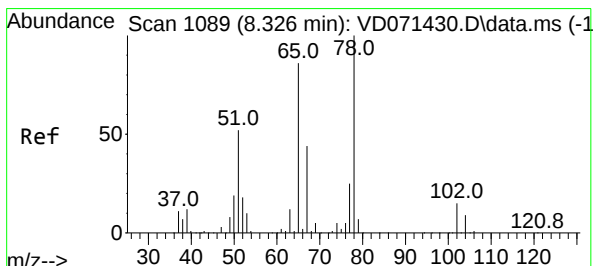
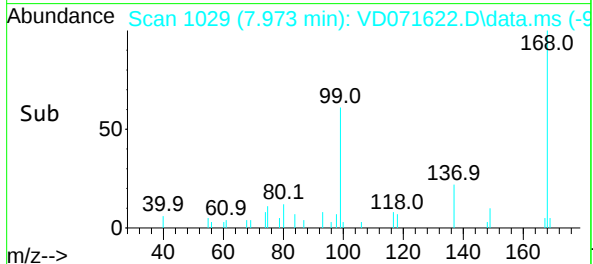
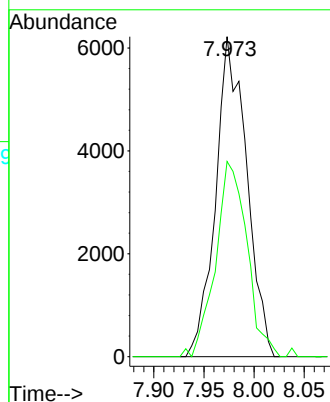
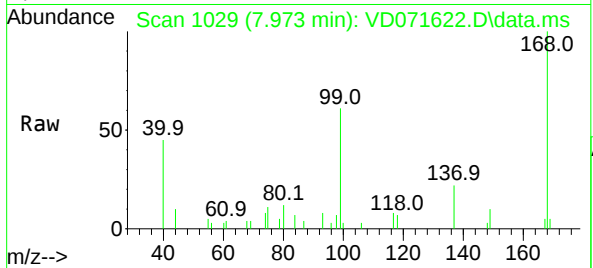




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

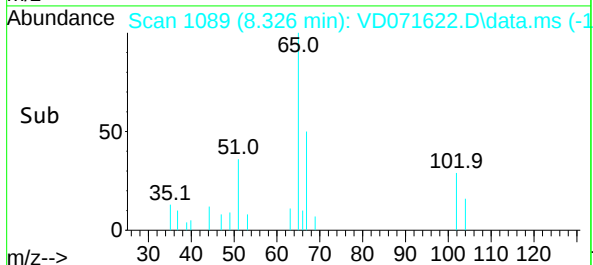
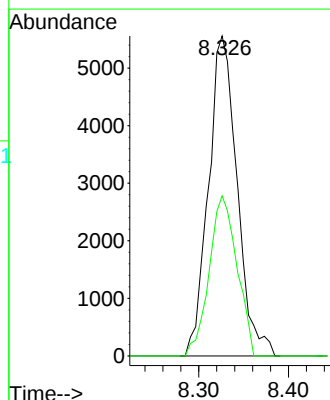
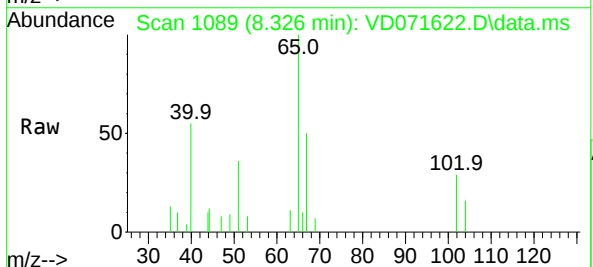
Instrument :
MSVOA_D
ClientSampleId :
FM-E3-02-4.5

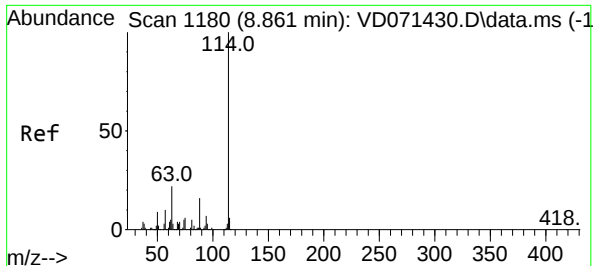
Tgt Ion:168 Resp: 13363
Ion Ratio Lower Upper
168 100
99 61.0 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 69.459 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

Tgt Ion: 65 Resp: 12327
Ion Ratio Lower Upper
65 100
67 48.4 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: VD071622.D

Acq: 05 Jan 2022 18:56

Instrument :

MSVOA_D

ClientSampleId :

FM-E3-02-4.5

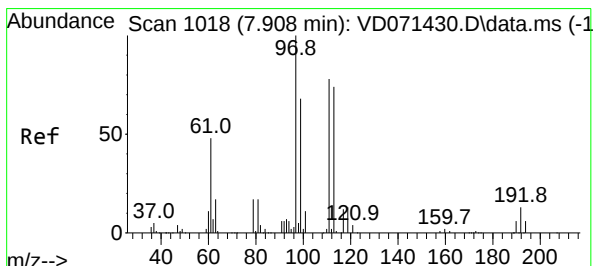
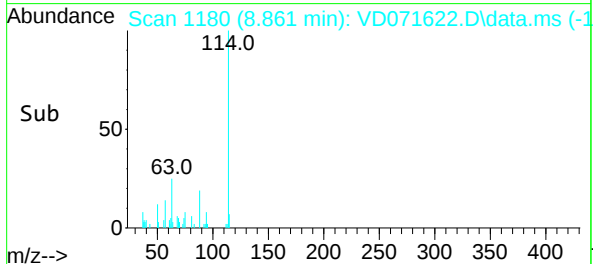
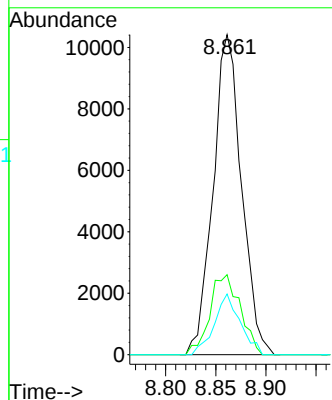
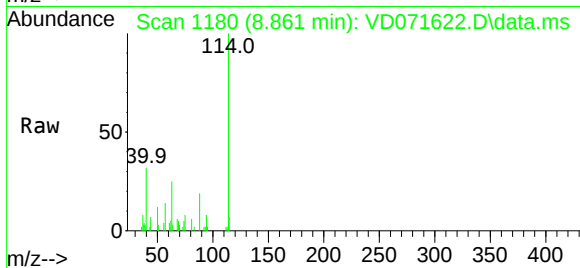
Tgt Ion:114 Resp: 20573

Ion Ratio Lower Upper

114 100

63 25.0 0.0 41.8

88 19.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.741 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.012 min

Lab File: VD071622.D

Acq: 05 Jan 2022 18:56

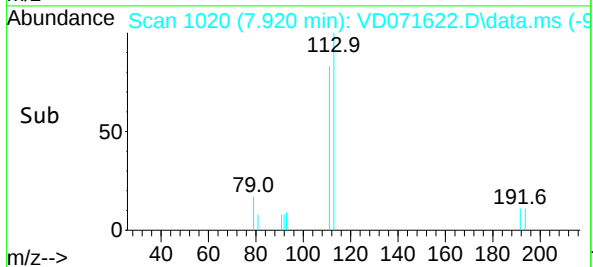
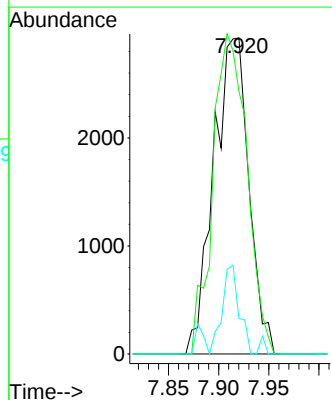
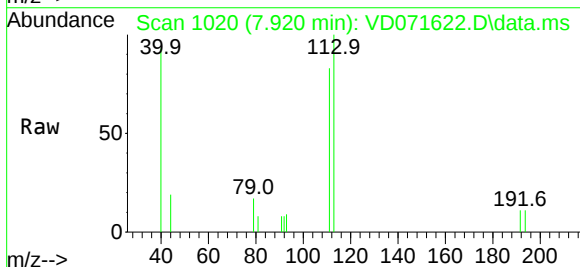
Tgt Ion:113 Resp: 7154

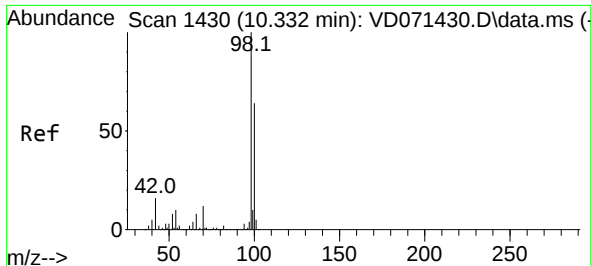
Ion Ratio Lower Upper

113 100

111 98.1 82.0 123.0

192 13.5 15.2 22.8#

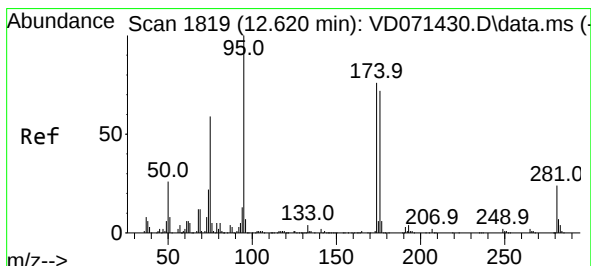
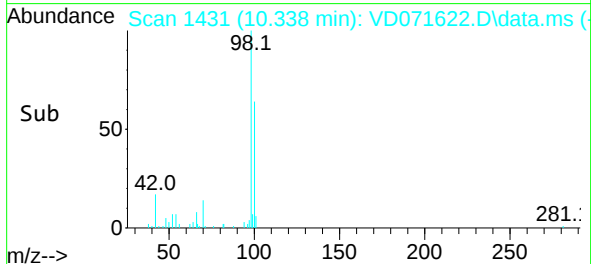
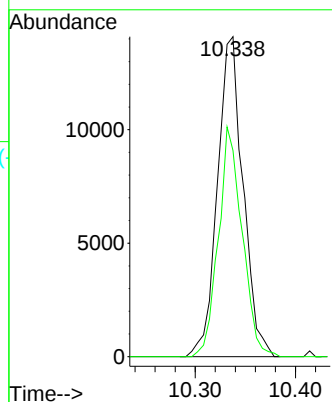
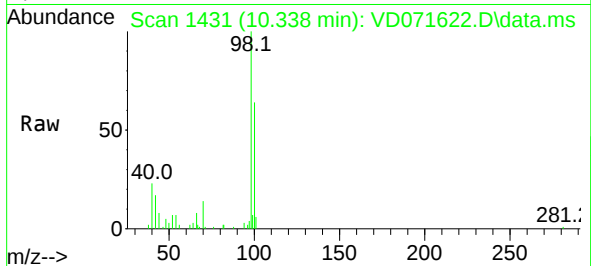




#50
Toluene-d8
Concen: 47.767 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

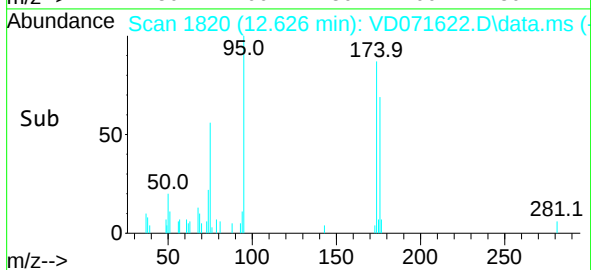
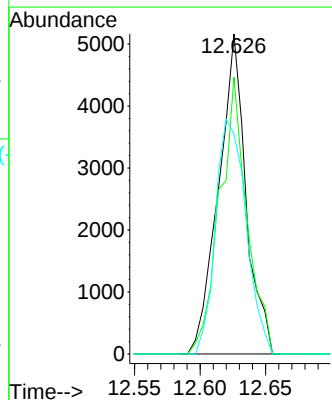
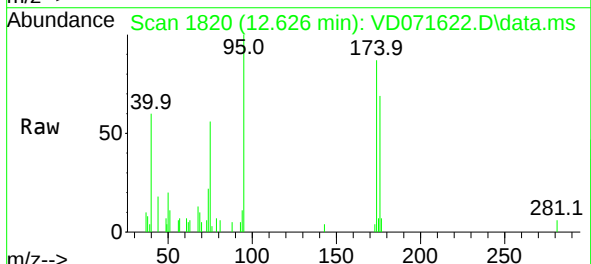
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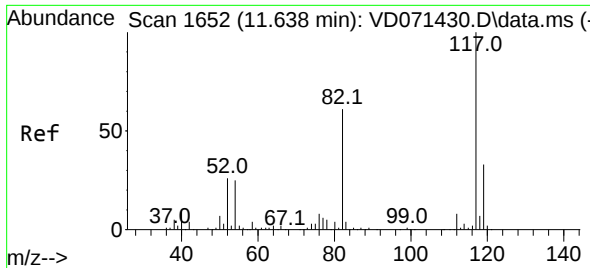
Tgt Ion: 98 Resp: 24959
Ion Ratio Lower Upper
98 100
100 66.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 40.431 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

Tgt Ion: 95 Resp: 7507
Ion Ratio Lower Upper
95 100
174 85.9 0.0 159.4
176 81.5 0.0 154.0

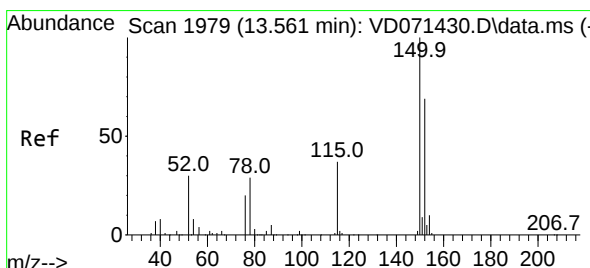
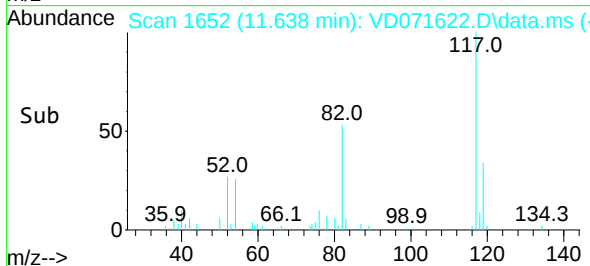
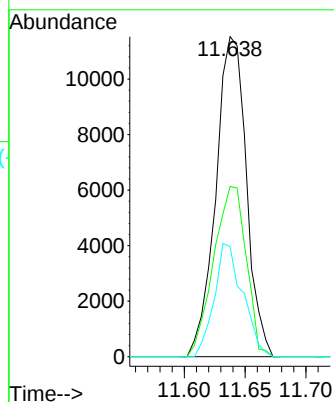
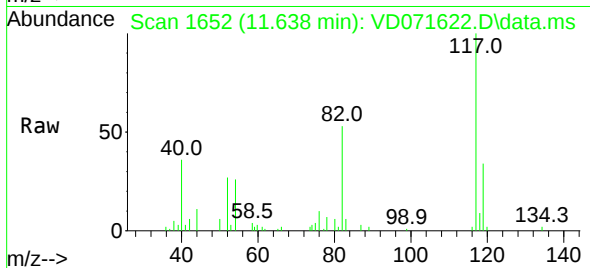




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

Instrument :
MSVOA_D
ClientSampleId :
FM-E3-02-4.5

Tgt Ion:	117	Resp:	20164
Ion	Ratio	Lower	Upper
117	100		
82	53.2	44.7	67.1
119	34.4	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

Tgt Ion:	152	Resp:	8556
Ion	Ratio	Lower	Upper
152	100		
115	62.6	29.8	89.3
150	166.1	0.0	349.2

