

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071464.D
 Acq On : 25 Dec 2021 18:08
 Operator : VA/SY
 Sample : M5191-01
 Misc : 6.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-(0-3.5)-12-21-2021

Quant Time: Dec 27 00:51:16 2021
 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)

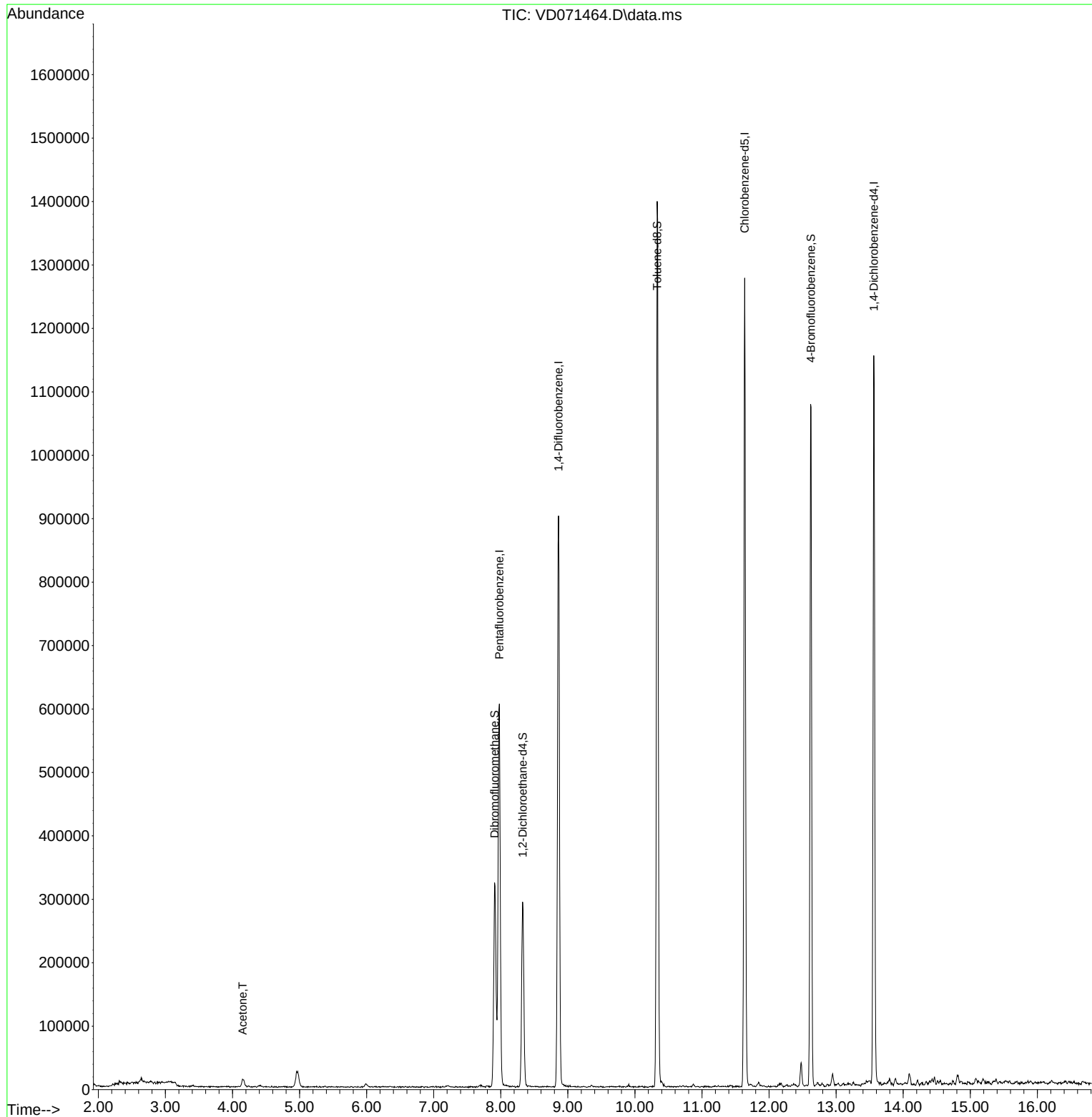
Internal Standards						
1) Pentafluorobenzene	7.979	168	421713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	736270	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	652209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	279243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	234733	41.911	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.820%
35) Dibromofluoromethane	7.908	113	221187	44.700	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.400%
50) Toluene-d8	10.332	98	914950	48.928	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.860%
62) 4-Bromofluorobenzene	12.626	95	295546	44.477	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.960%
Target Compounds						
16) Acetone	4.150	43	22087	15.700	ug/l	Qvalue # 81

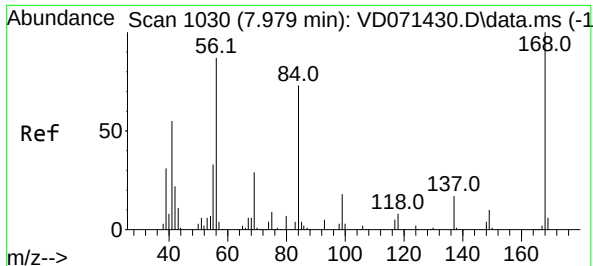
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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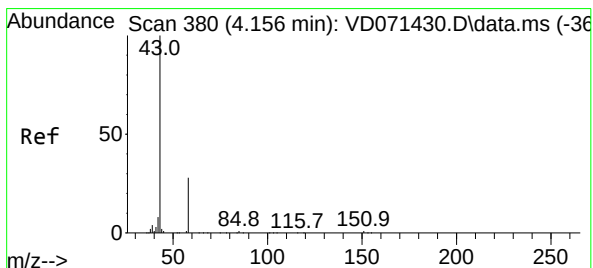
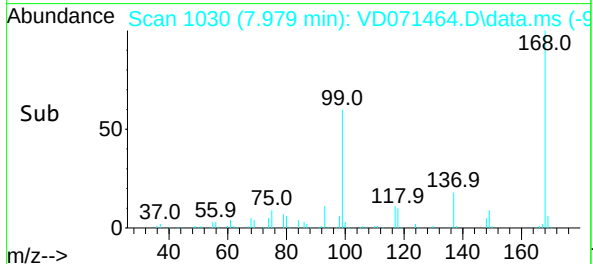
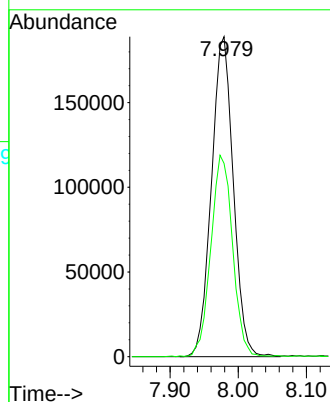
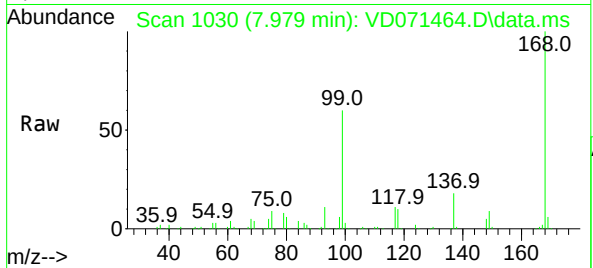




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071464.D
Acq: 25 Dec 2021 18:08

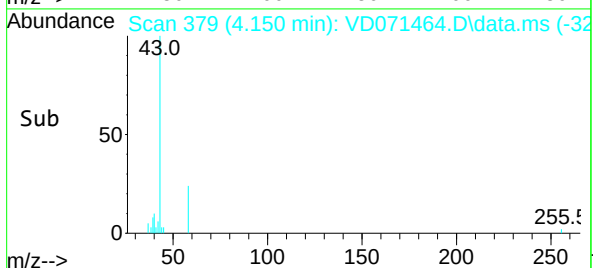
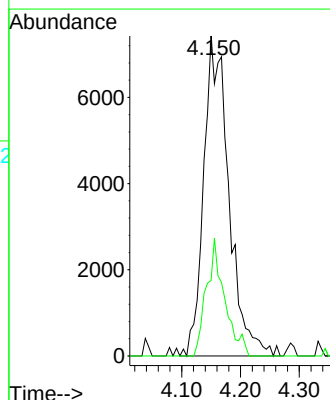
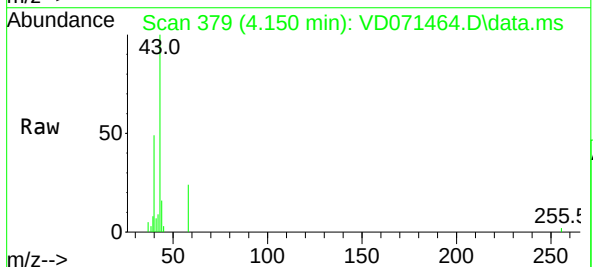
Instrument :
MSVOA_D
ClientSampleId :
TP-(0-3.5)-12-21-2021

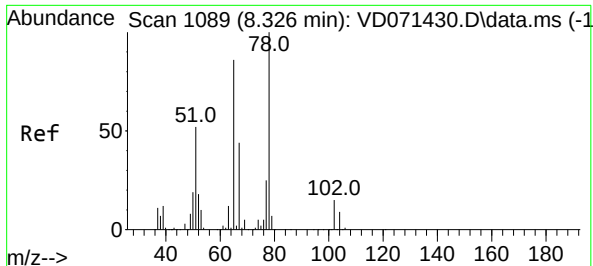
Tgt Ion:168 Resp: 421713
Ion Ratio Lower Upper
168 100
99 60.2 46.6 69.8



#16
Acetone
Concen: 15.700 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071464.D
Acq: 25 Dec 2021 18:08

Tgt Ion: 43 Resp: 22087
Ion Ratio Lower Upper
43 100
58 23.6 27.8 41.8#





#33

1,2-Dichloroethane-d4

Concen: 41.911 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071464.D

Acq: 25 Dec 2021 18:08

Instrument :

MSVOA_D

ClientSampleId :

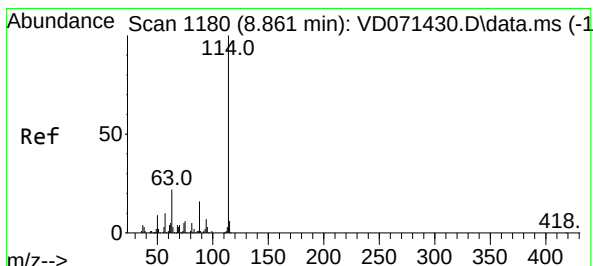
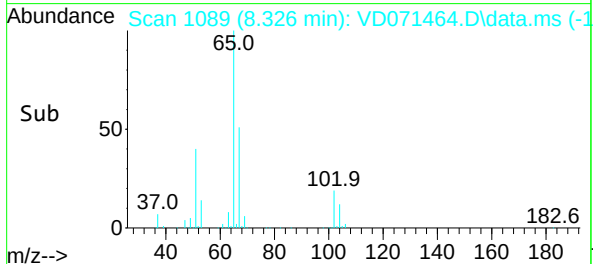
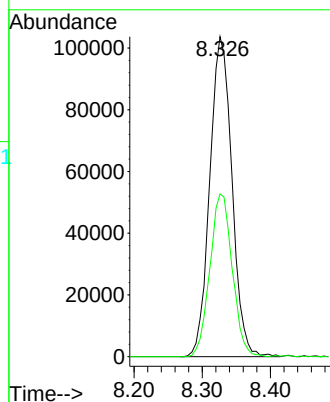
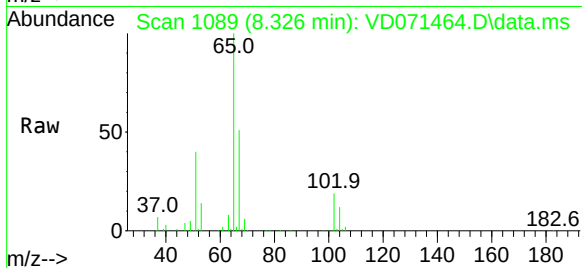
TP-(0-3.5)-12-21-2021

Tgt Ion: 65 Resp: 234733

Ion Ratio Lower Upper

65 100

67 51.3 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: VD071464.D

Acq: 25 Dec 2021 18:08

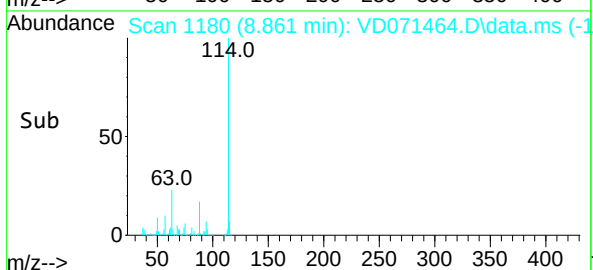
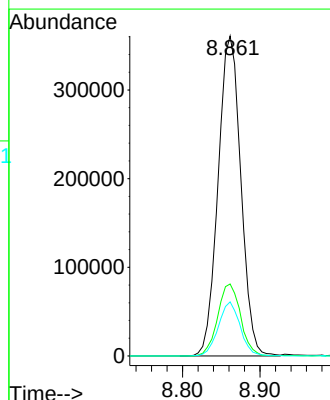
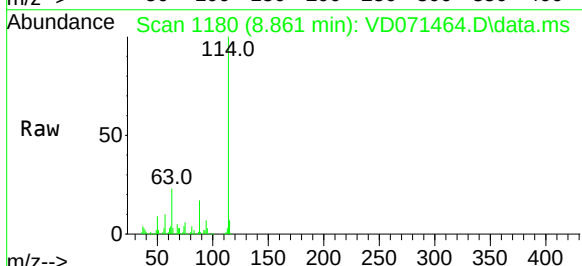
Tgt Ion: 114 Resp: 736270

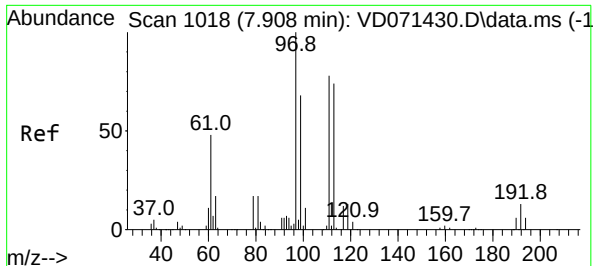
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 44.700 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD071464.D

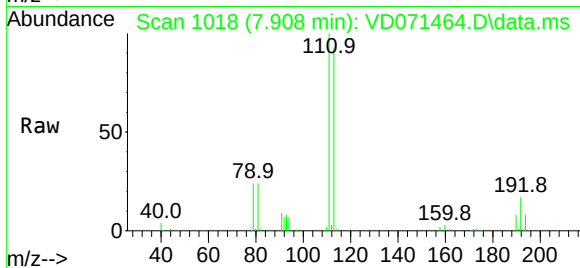
Acq: 25 Dec 2021 18:08

Instrument :

MSVOA_D

ClientSampleId :

TP-(0-3.5)-12-21-2021



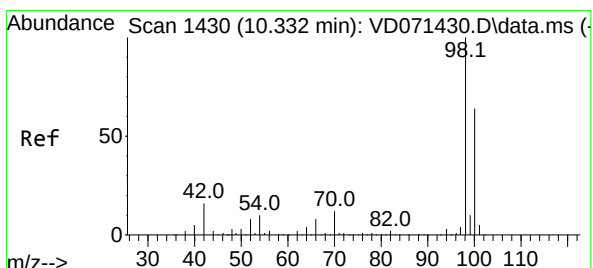
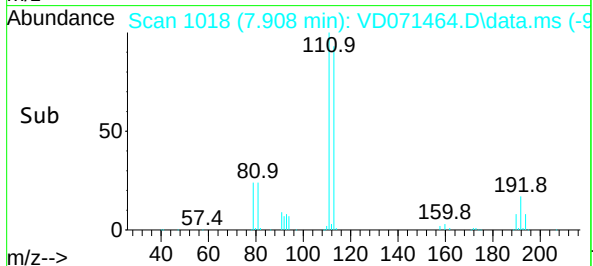
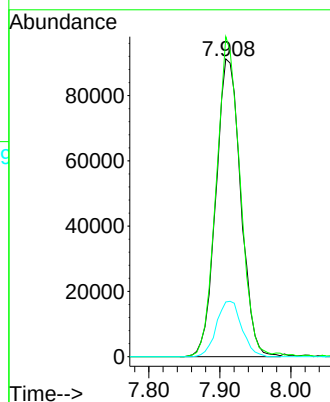
Tgt Ion:113 Resp: 221187

Ion Ratio Lower Upper

113 100

111 103.3 82.0 123.0

192 18.8 15.2 22.8



#50

Toluene-d8

Concen: 48.928 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD071464.D

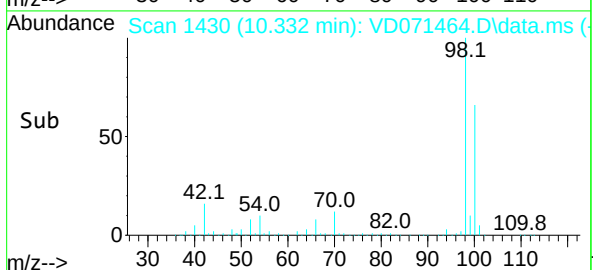
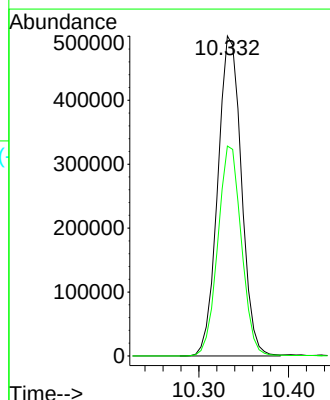
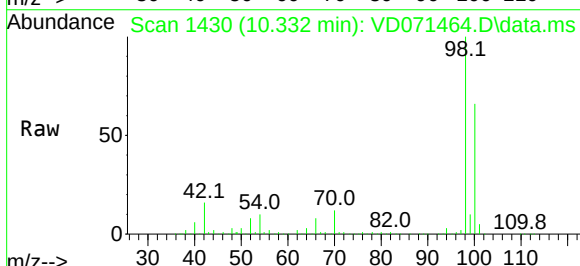
Acq: 25 Dec 2021 18:08

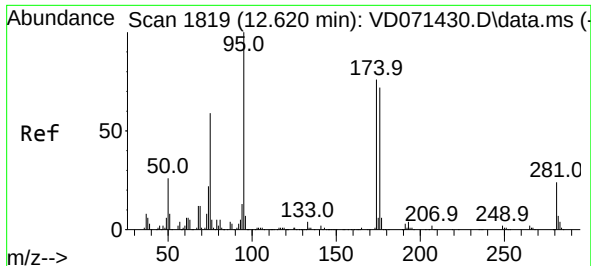
Tgt Ion: 98 Resp: 914950

Ion Ratio Lower Upper

98 100

100 65.7 51.8 77.6

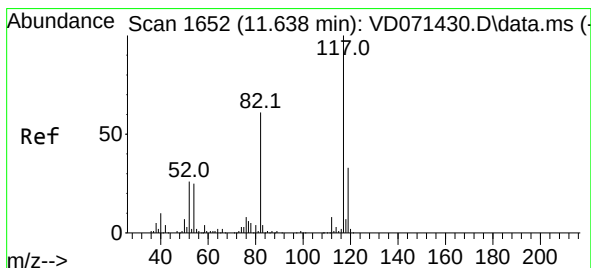
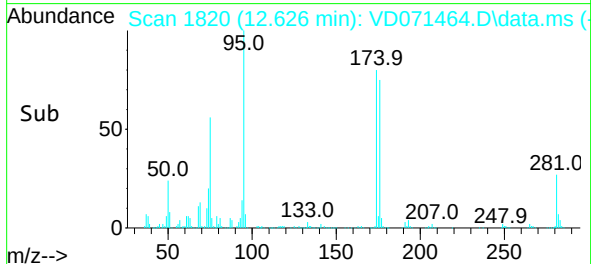
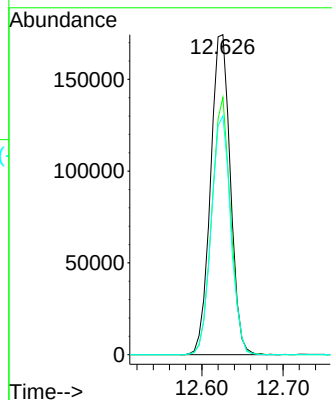
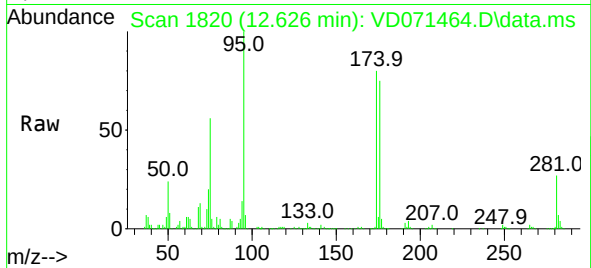




#62
4-Bromofluorobenzene
Concen: 44.477 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071464.D
Acq: 25 Dec 2021 18:08

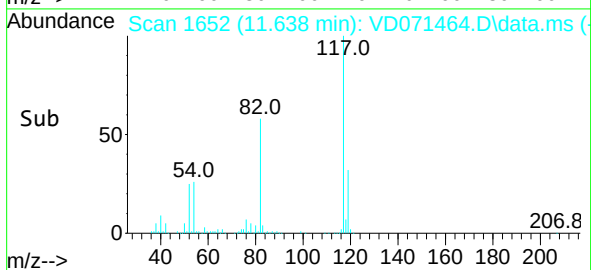
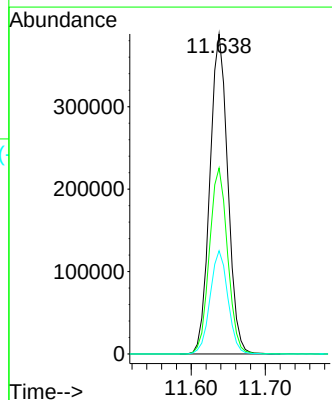
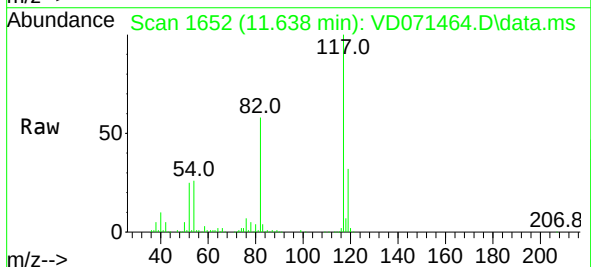
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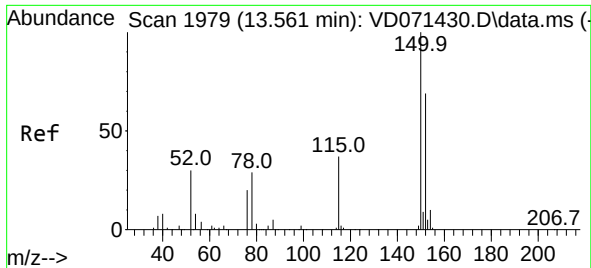
Tgt Ion: 95 Resp: 295546
Ion Ratio Lower Upper
95 100
174 76.4 0.0 159.4
176 73.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071464.D
Acq: 25 Dec 2021 18:08

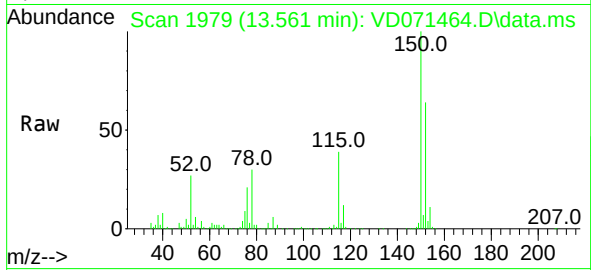
Tgt Ion: 117 Resp: 652209
Ion Ratio Lower Upper
117 100
82 58.1 44.7 67.1
119 32.3 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD071464.D
 Acq: 25 Dec 2021 18:08

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:152 Resp: 279243
 Ion Ratio Lower Upper
 152 100
 115 61.6 29.8 89.3
 150 160.1 0.0 349.2

