

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070131.D
 Acq On : 18 Aug 2021 16:50
 Operator : VA/SY
 Sample : M3435-11
 Misc : 1.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2021-08-13-FD-04

Quant Time: Aug 19 07:31:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

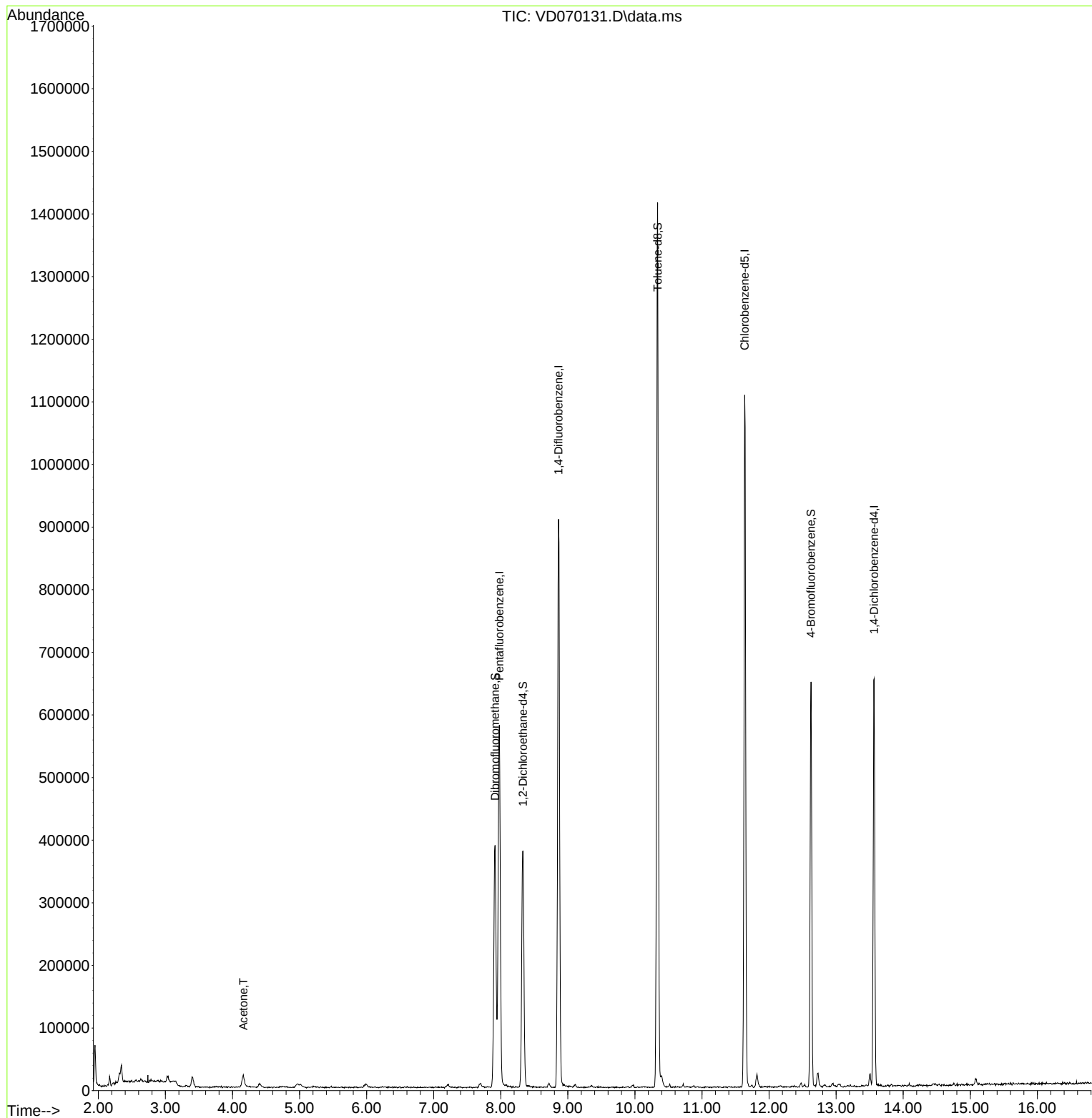
Internal Standards						
1) Pentafluorobenzene	7.979	168	412422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	793297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	659288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	175350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	304220	62.716	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.440%			
35) Dibromofluoromethane	7.914	113	285862	55.776	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.560%			
50) Toluene-d8	10.338	98	972633	48.792	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.580%			
62) 4-Bromofluorobenzene	12.626	95	224886	34.251	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 68.500%			
Target Compounds					Qvalue	
16) Acetone	4.162	43	31592	35.354	ug/l	93

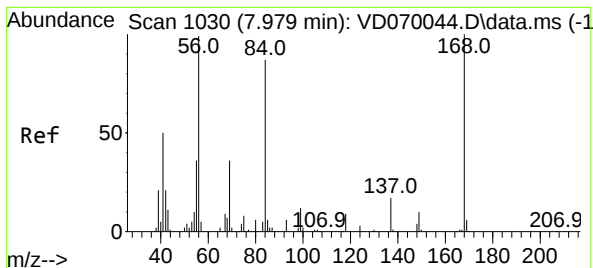
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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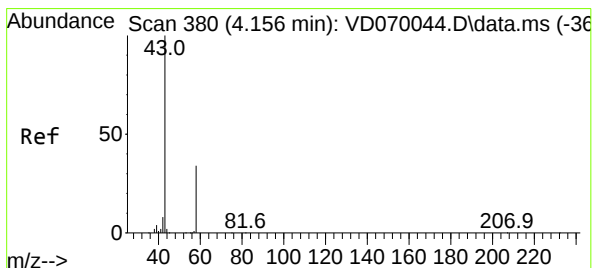
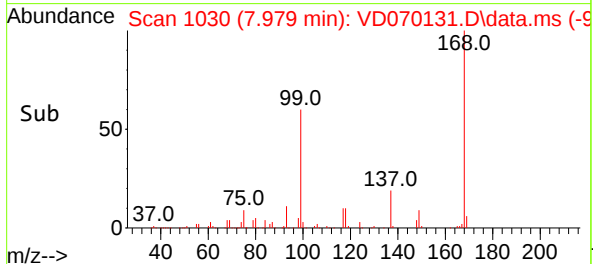
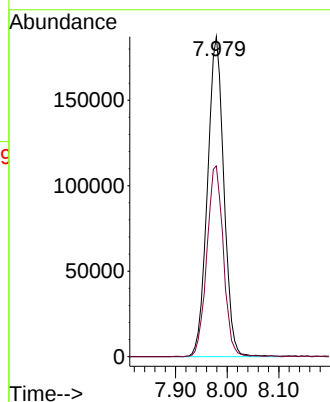
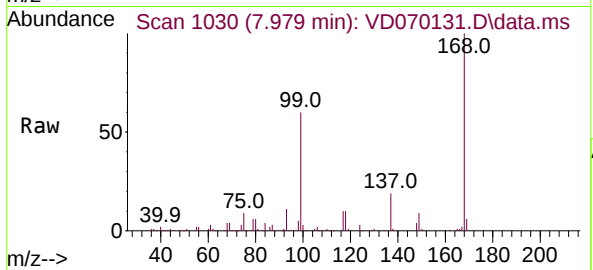




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

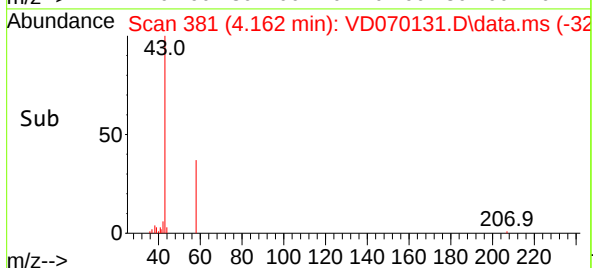
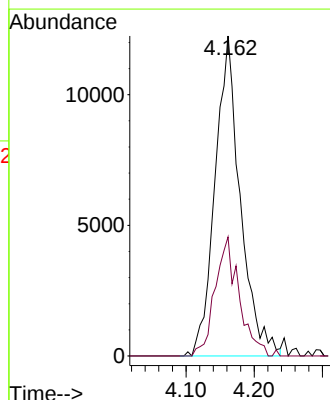
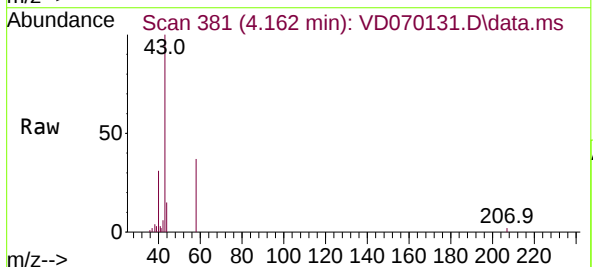
Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04

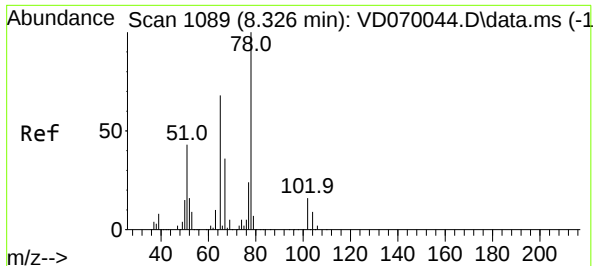
Tgt Ion:168 Resp: 412422
Ion Ratio Lower Upper
168 100
99 59.6 50.3 75.5



#16
Acetone
Concen: 35.354 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

Tgt Ion: 43 Resp: 31592
Ion Ratio Lower Upper
43 100
58 37.2 26.8 40.2



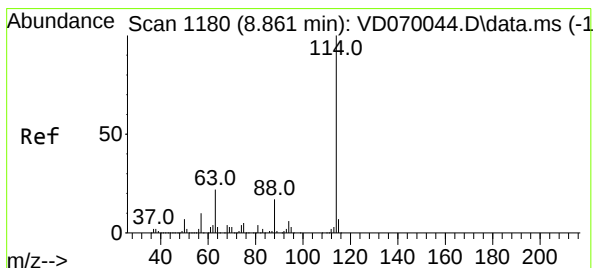
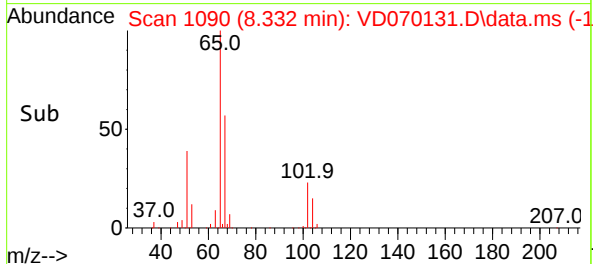
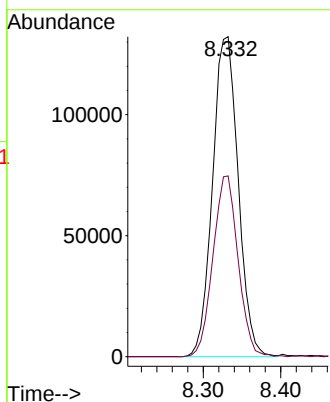
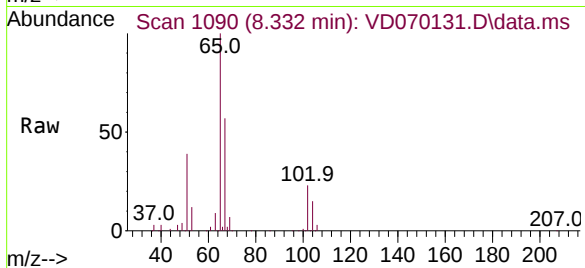


#33

1,2-Dichloroethane-d4
Concen: 62.716 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04

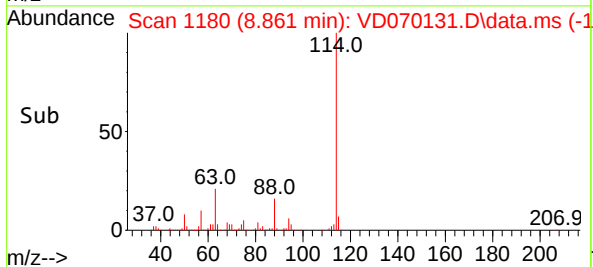
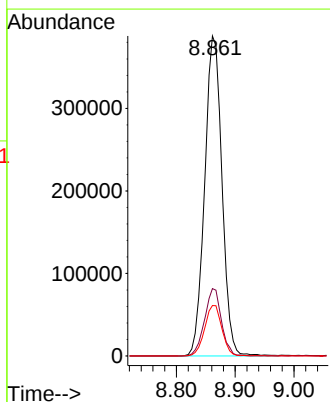
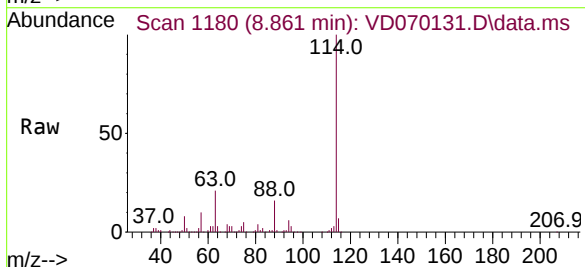
Tgt Ion: 65 Resp: 304220
Ion Ratio Lower Upper
65 100
67 55.3 0.0 107.8

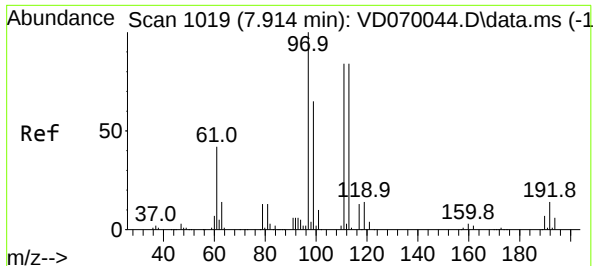


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

Tgt Ion: 114 Resp: 793297
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.6
88 15.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 55.776 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070131.D

Acq: 18 Aug 2021 16:50

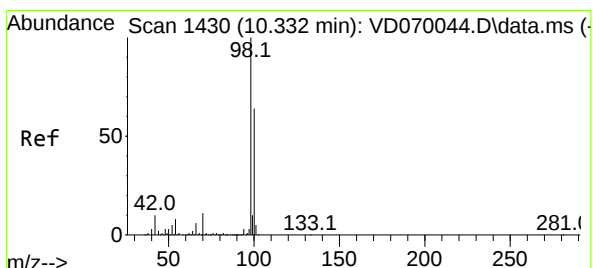
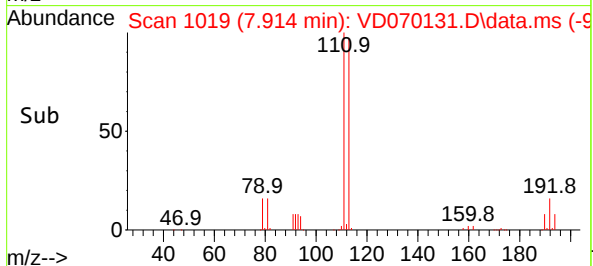
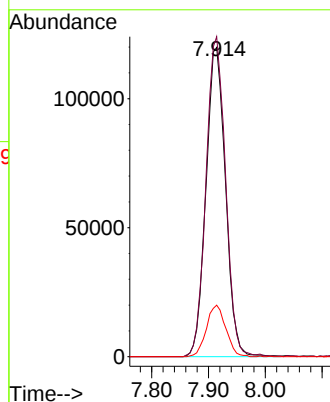
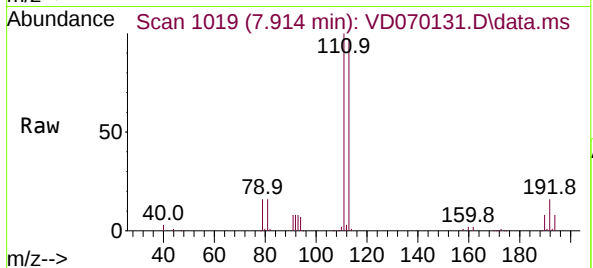
Tgt Ion:113 Resp: 285862

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.6

192 16.6 13.2 19.8



#50

Toluene-d8

Concen: 48.792 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD070131.D

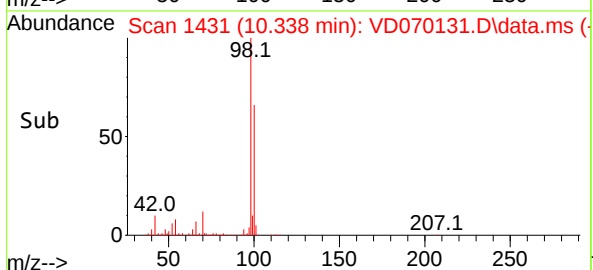
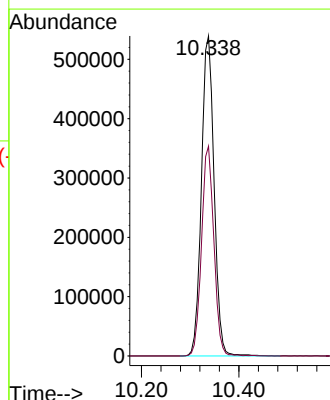
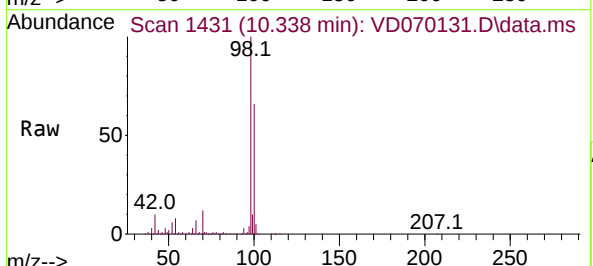
Acq: 18 Aug 2021 16:50

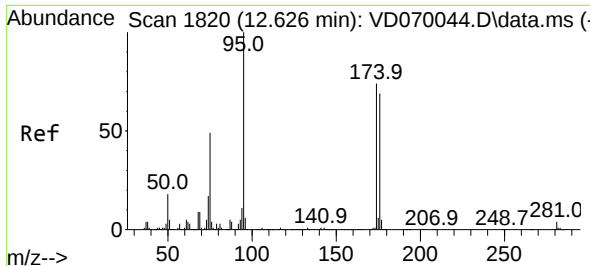
Tgt Ion: 98 Resp: 972633

Ion Ratio Lower Upper

98 100

100 63.9 52.6 78.8

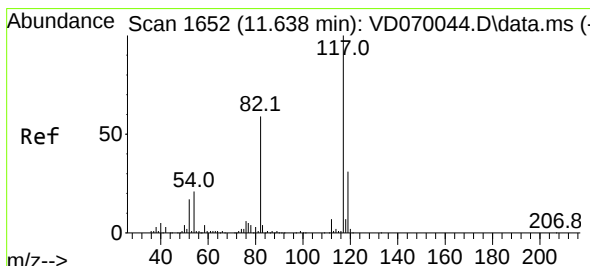
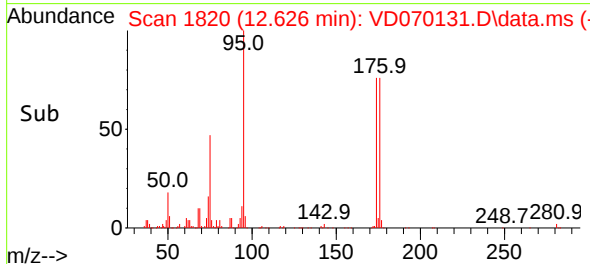
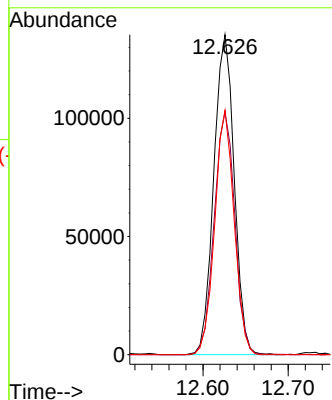
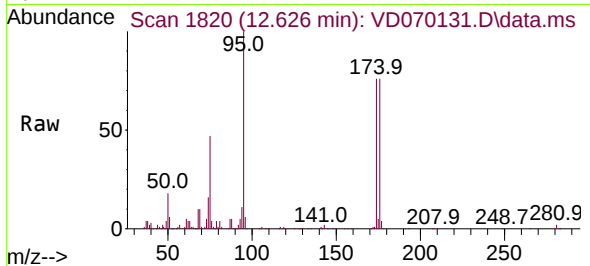




#62
4-Bromofluorobenzene
Concen: 34.251 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

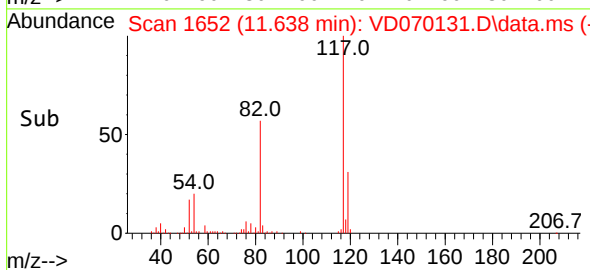
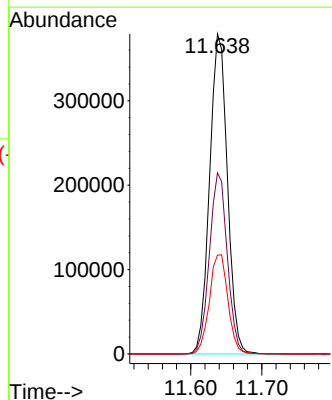
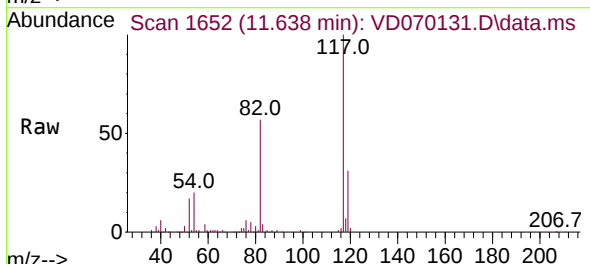
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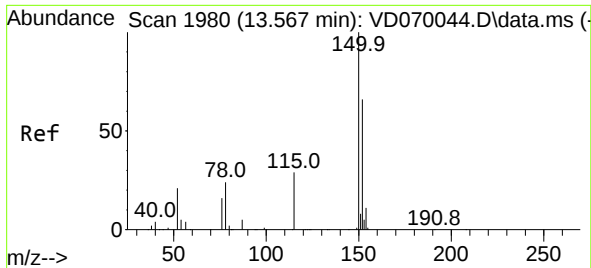
Tgt Ion: 95 Resp: 224886
Ion Ratio Lower Upper
95 100
174 76.5 0.0 141.6
176 73.0 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070131.D
Acq: 18 Aug 2021 16:50

Tgt Ion: 117 Resp: 659288
Ion Ratio Lower Upper
117 100
82 56.6 47.5 71.3
119 30.9 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070131.D
 Acq: 18 Aug 2021 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 2021-08-13-FD-04

Tgt Ion:152 Resp: 175350
 Ion Ratio Lower Upper
 152 100
 115 61.5 31.2 93.6
 150 155.7 0.0 352.0

