

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
 Data File : VD068557.D
 Acq On : 08 Mar 2021 13:45
 Operator : VA/SY
 Sample : M1582-04
 Misc : 5.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-363

Quant Time: Mar 09 00:10:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

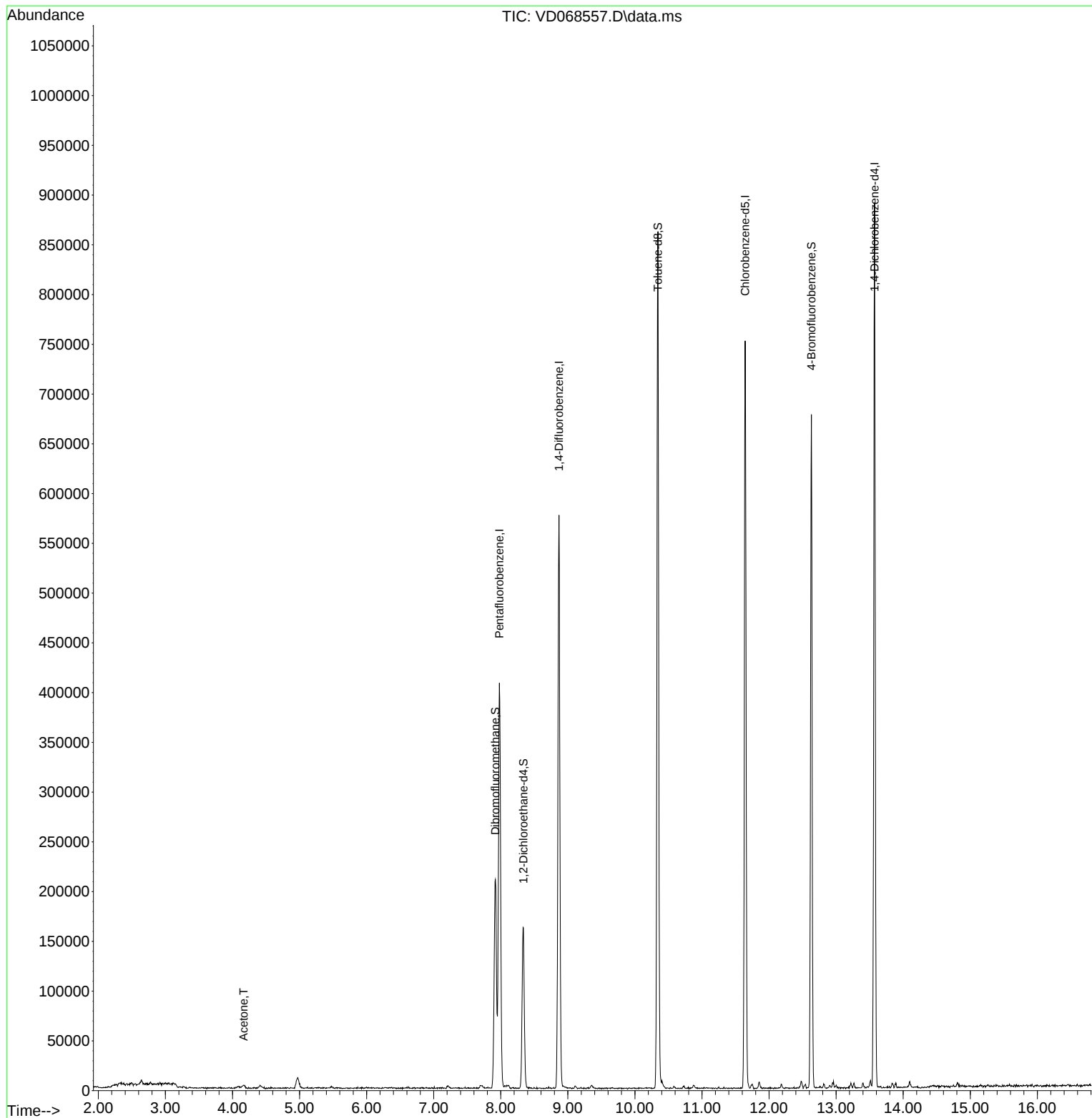
Internal Standards						
1) Pentafluorobenzene	7.979	168	311987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	521140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	461633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.572	152	235511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.337	65	129429	41.52	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 83.04%			
35) Dibromofluoromethane	7.920	113	158149	50.38	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.76%			
50) Toluene-d8	10.343	98	614975	49.18	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.36%			
62) 4-Bromofluorobenzene	12.631	95	195969	48.63	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.26%			
Target Compounds						Qvalue
16) Acetone	4.167	43	5599	11.31	ug/l #	82

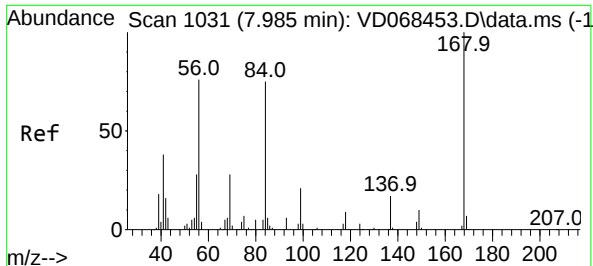
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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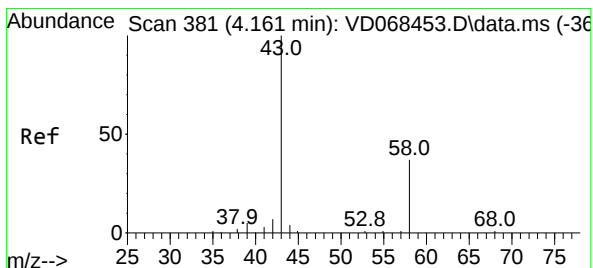
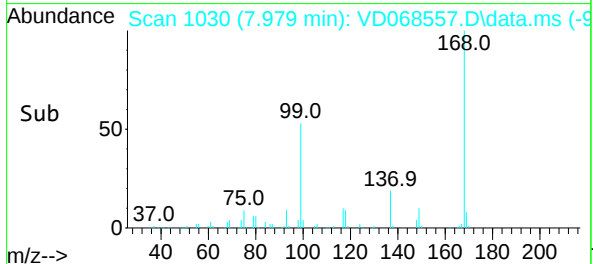
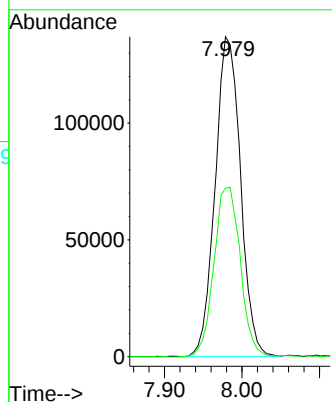
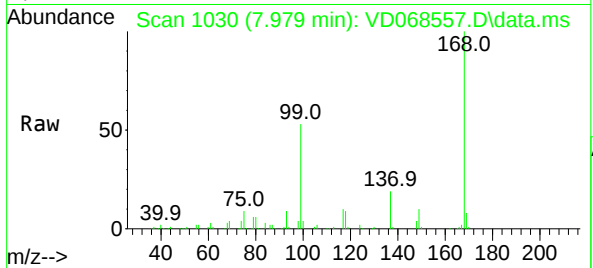




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

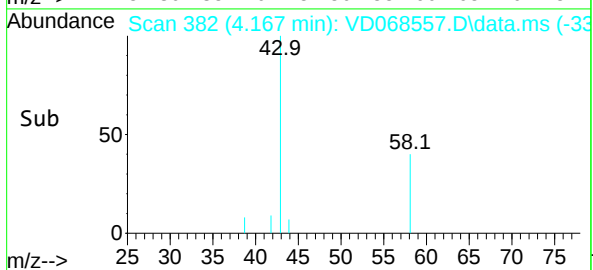
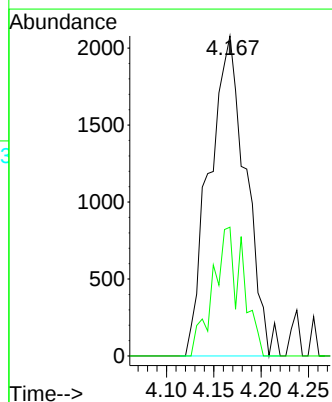
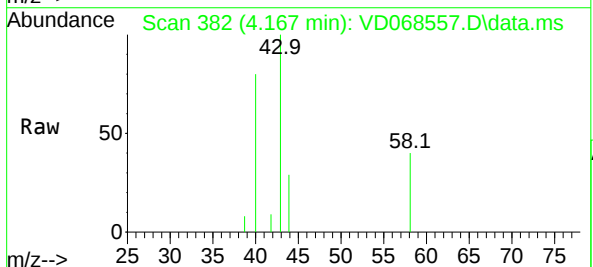
Instrument :
MSVOA_D
ClientSampleId :
RO-363

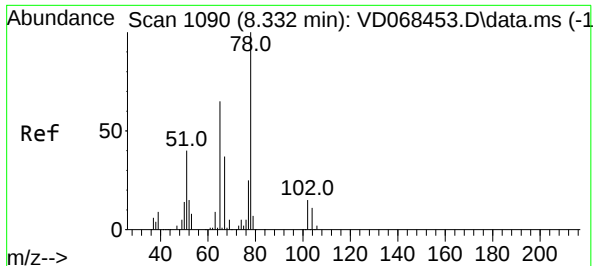
Tgt Ion:168 Resp: 311987
Ion Ratio Lower Upper
168 100
99 52.5 43.5 65.3



#16
Acetone
Concen: 11.31 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

Tgt Ion: 43 Resp: 5599
Ion Ratio Lower Upper
43 100
58 40.3 24.2 36.4#

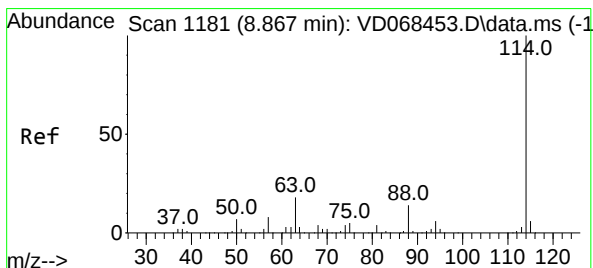
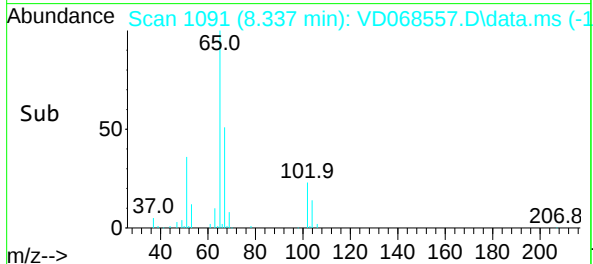
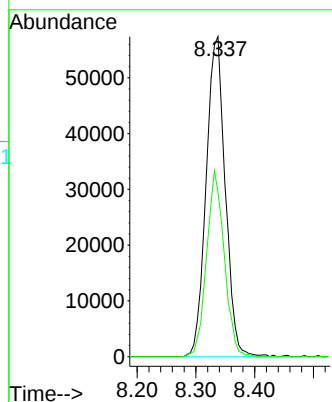
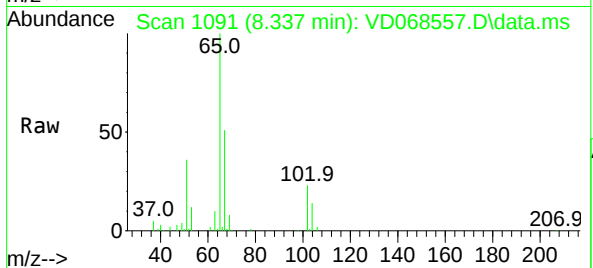




#33
1,2-Dichloroethane-d4
Concen: 41.52 ug/l
RT: 8.337 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

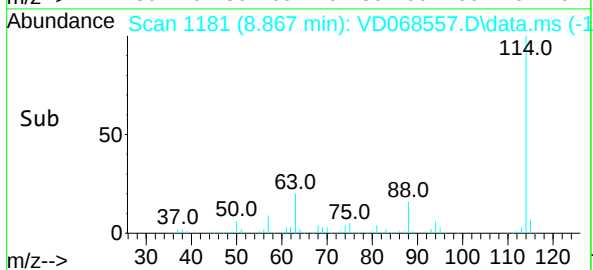
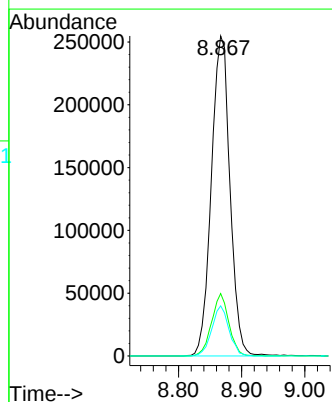
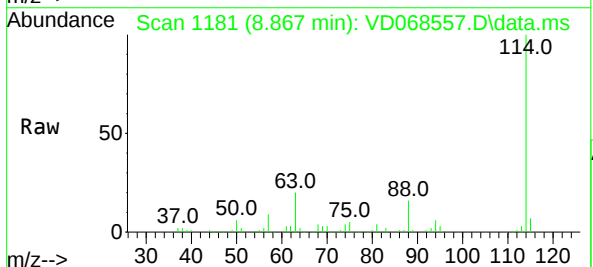
Instrument :
MSVOA_D
ClientSampleId :
RO-363

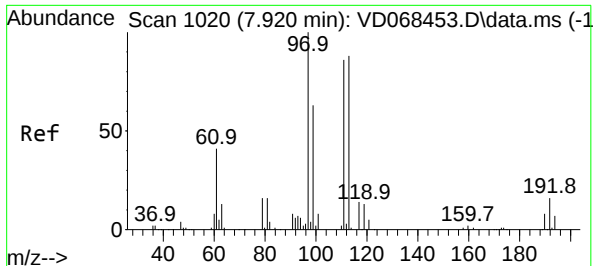
Tgt Ion: 65 Resp: 129429
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

Tgt Ion: 114 Resp: 521140
Ion Ratio Lower Upper
114 100
63 19.5 0.0 34.8
88 15.6 0.0 31.6

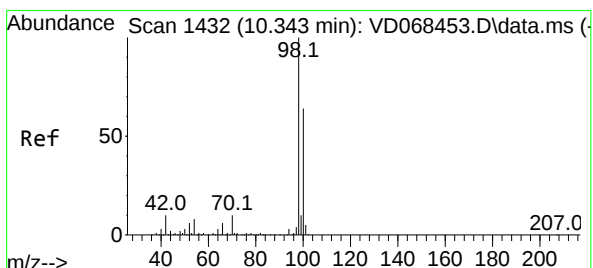
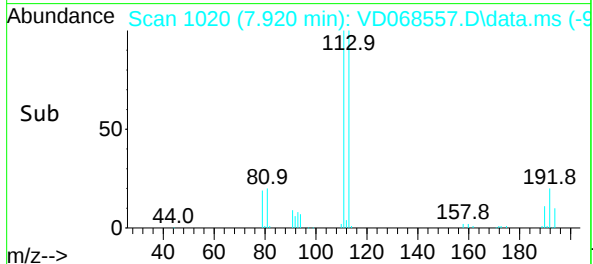
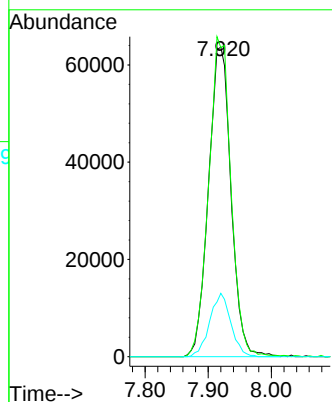
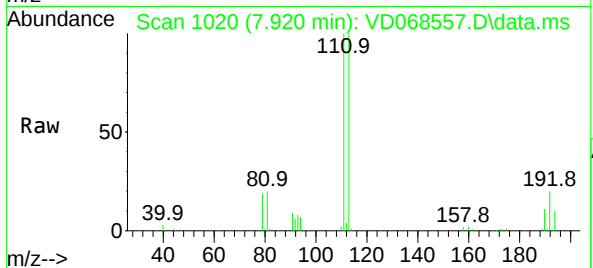




#35
Dibromofluoromethane
Concen: 50.38 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

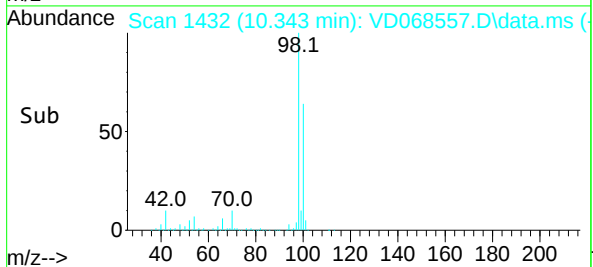
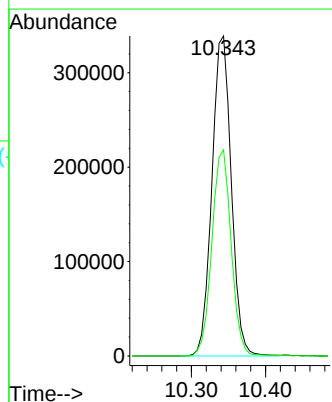
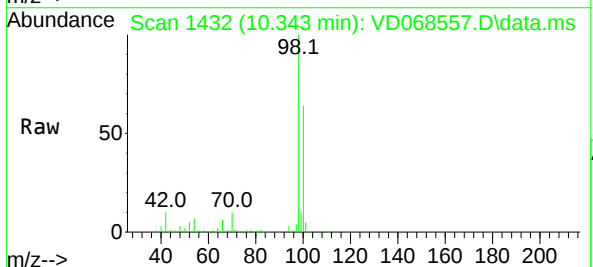
Instrument :
MSVOA_D
ClientSampleId :
RO-363

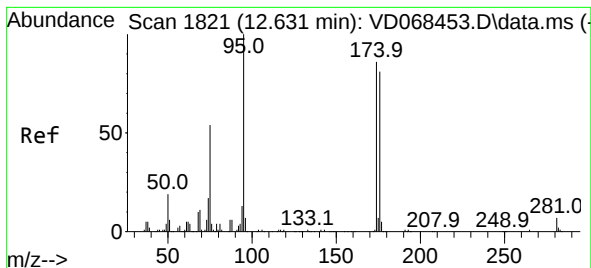
Tgt Ion:113 Resp: 158149
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 19.2 16.1 24.1



#50
Toluene-d8
Concen: 49.18 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

Tgt Ion: 98 Resp: 614975
Ion Ratio Lower Upper
98 100
100 64.1 53.0 79.4

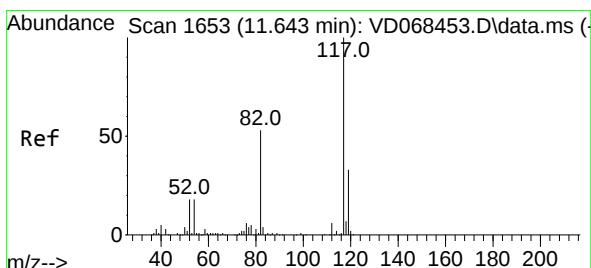
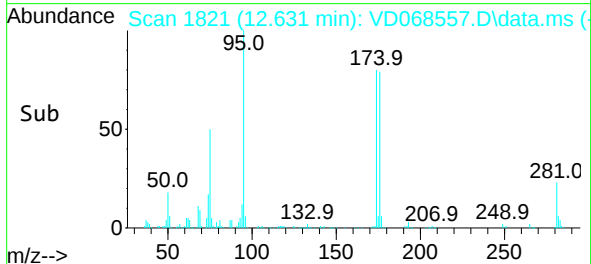
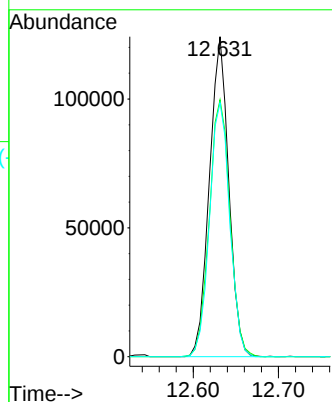
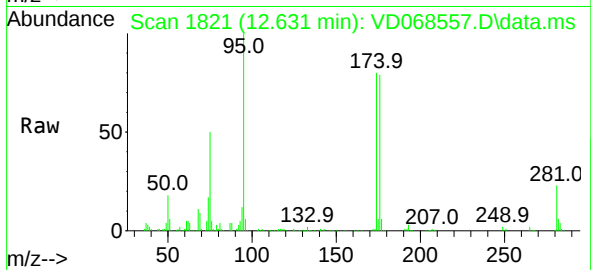




#62
4-Bromofluorobenzene
Concen: 48.63 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

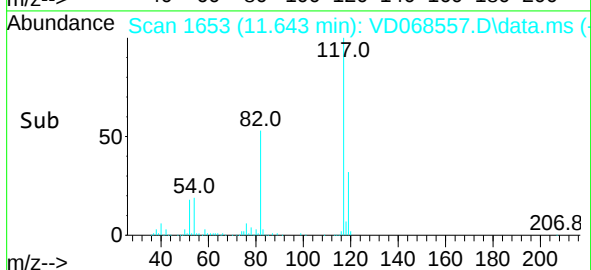
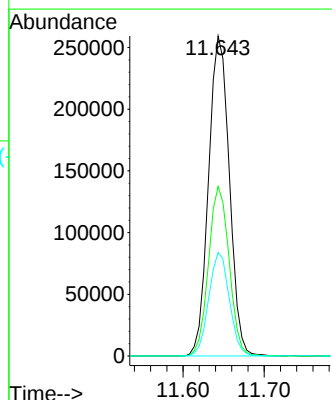
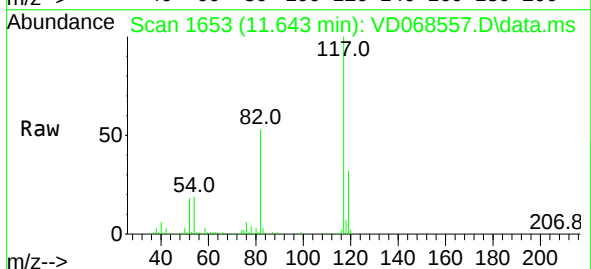
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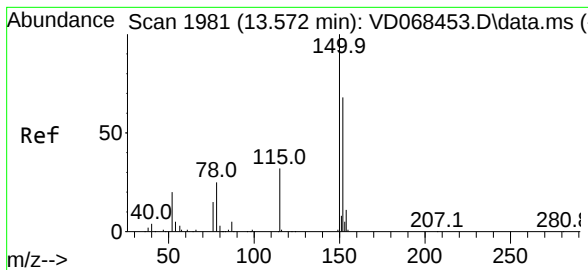
Tgt Ion: 95 Resp: 195969
Ion Ratio Lower Upper
95 100
174 85.6 0.0 172.4
176 82.6 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

Tgt Ion: 117 Resp: 461633
Ion Ratio Lower Upper
117 100
82 52.9 41.4 62.0
119 32.3 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.572 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD068557.D
 Acq: 08 Mar 2021 13:45

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-363

Tgt Ion:152 Resp: 235511
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.9 86.8
 150 153.6 0.0 344.4

