

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
 Data File : VD068611.D
 Acq On : 12 Mar 2021 17:26
 Operator : VA/SY
 Sample : M1668-01
 Misc : 6.81G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-031221

Quant Time: Mar 12 23:37:07 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)

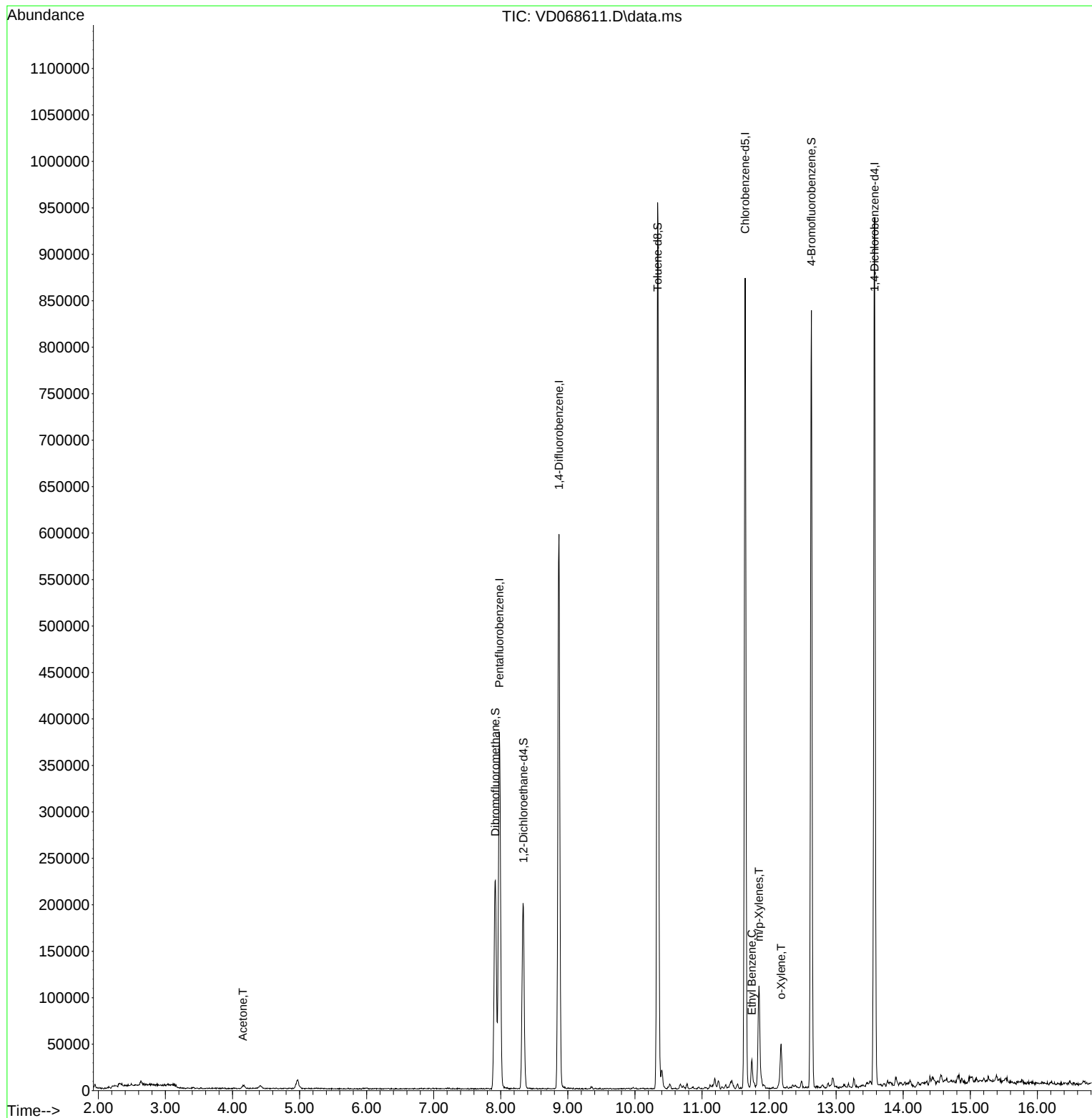
Internal Standards						
1) Pentafluorobenzene	7.979	168	297684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	542668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	525717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	255600	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	159441	53.61	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.22%			
35) Dibromofluoromethane	7.920	113	166397	50.90	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.80%			
50) Toluene-d8	10.338	98	674203	51.78	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.56%			
62) 4-Bromofluorobenzene	12.632	95	230666	54.97	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.94%			
Target Compounds						Qvalue
16) Acetone	4.156	43	6324	13.39	ug/l	91
67) Ethyl Benzene	11.743	91	21763	1.14	ug/l	92
68) m/p-Xylenes	11.849	106	35258	4.86	ug/l	91
69) o-Xylene	12.179	106	13668	2.04	ug/l	94

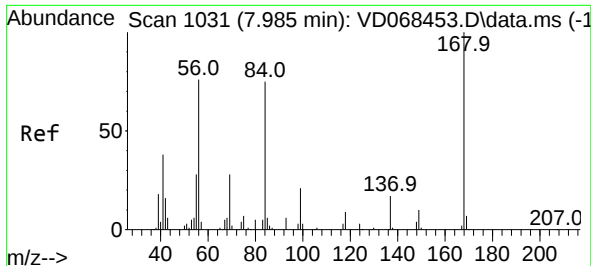
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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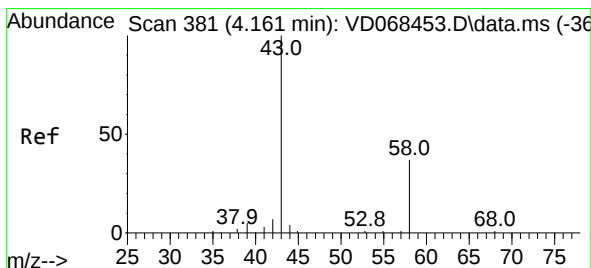
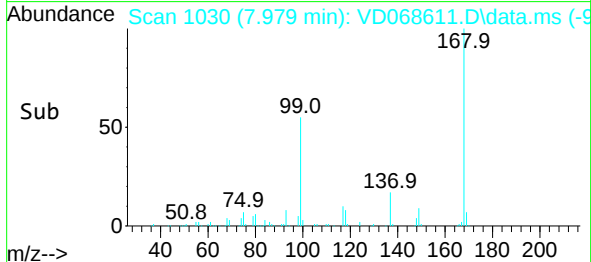
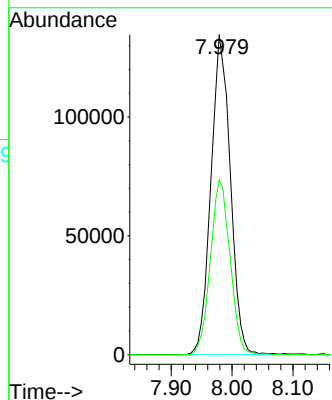
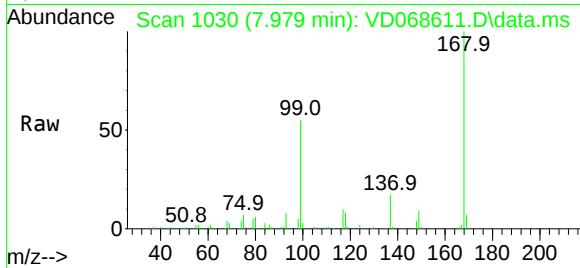




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

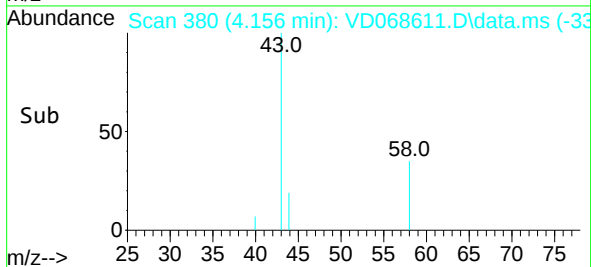
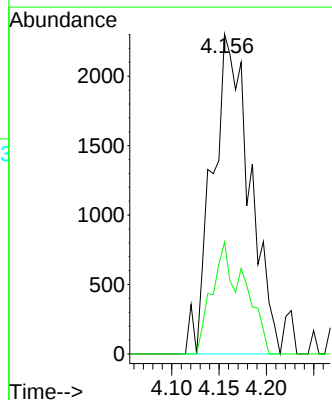
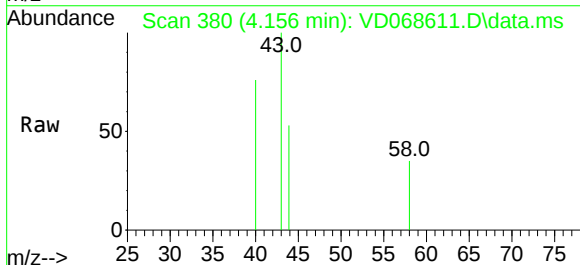
Instrument :
MSVOA_D
ClientSampleId :
CL-02-031221

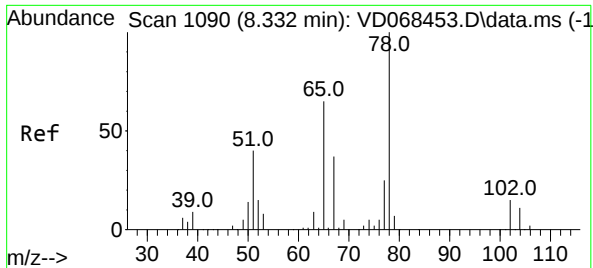
Tgt Ion:168 Resp: 297684
Ion Ratio Lower Upper
168 100
99 54.6 43.5 65.3



#16
Acetone
Concen: 13.39 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

Tgt Ion: 43 Resp: 6324
Ion Ratio Lower Upper
43 100
58 35.0 24.2 36.4

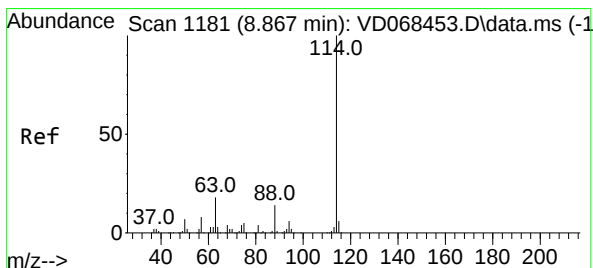
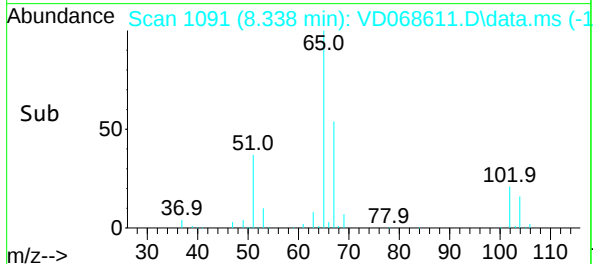
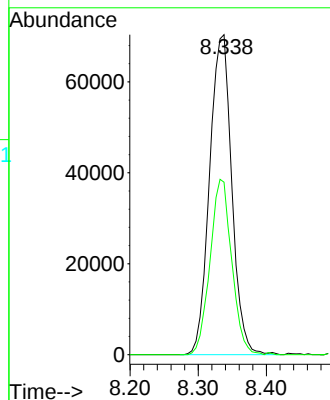
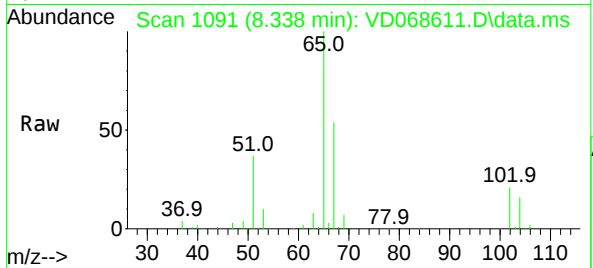




#33
1,2-Dichloroethane-d4
Concen: 53.61 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

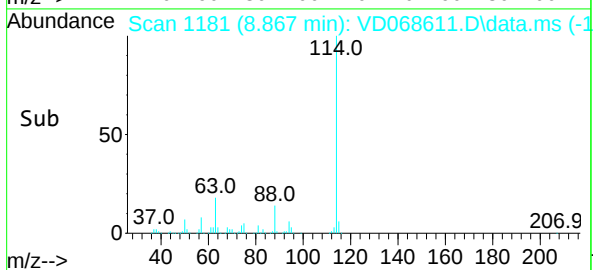
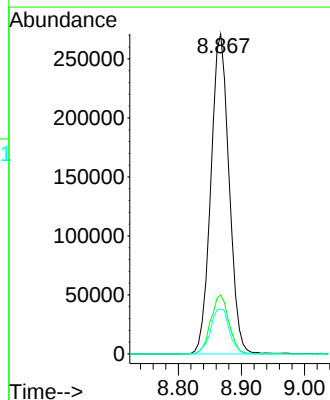
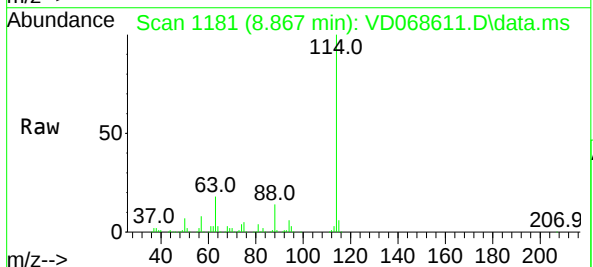
Instrument :
MSVOA_D
ClientSampleId :
CL-02-031221

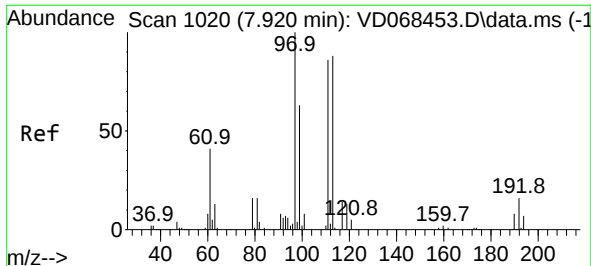
Tgt Ion: 65 Resp: 159441
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

Tgt Ion: 114 Resp: 542668
Ion Ratio Lower Upper
114 100
63 18.4 0.0 34.8
88 14.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.90 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068611.D

Acq: 12 Mar 2021 17:26

Tgt Ion:113 Resp: 166397

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

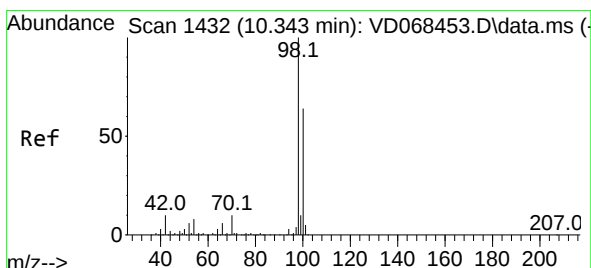
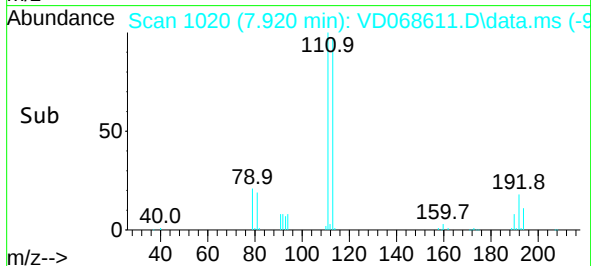
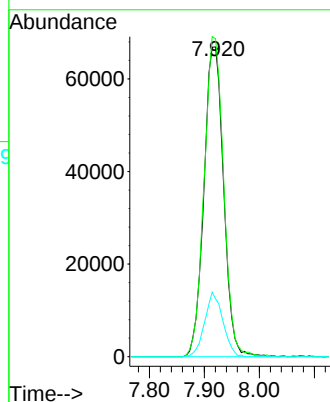
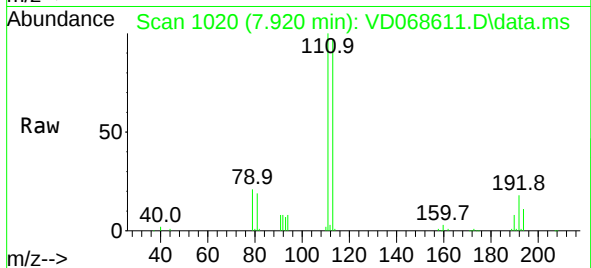
192 19.3 16.1 24.1

Instrument :

MSVOA_D

ClientSampleId :

CL-02-031221



#50

Toluene-d8

Concen: 51.78 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.006 min

Lab File: VD068611.D

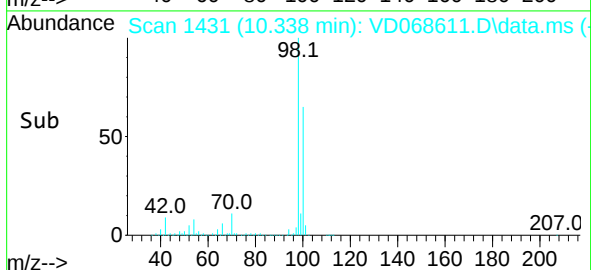
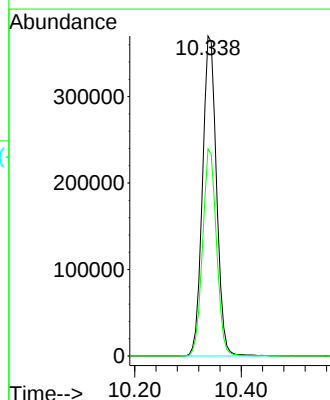
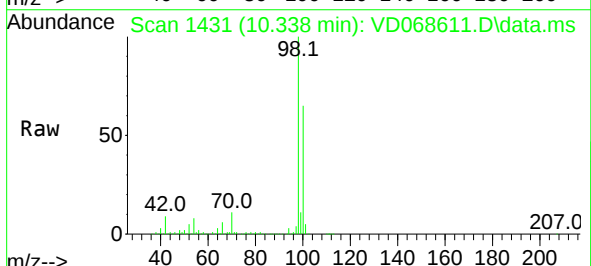
Acq: 12 Mar 2021 17:26

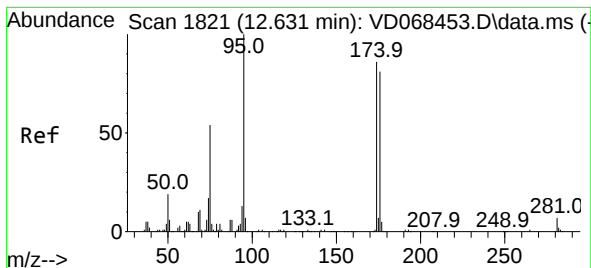
Tgt Ion: 98 Resp: 674203

Ion Ratio Lower Upper

98 100

100 64.3 53.0 79.4

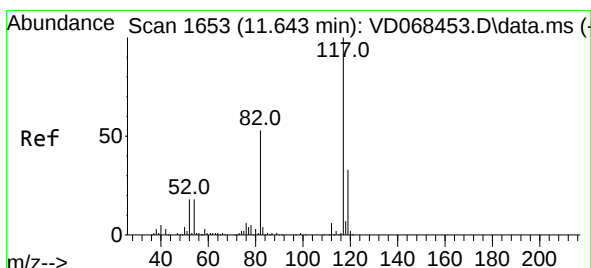
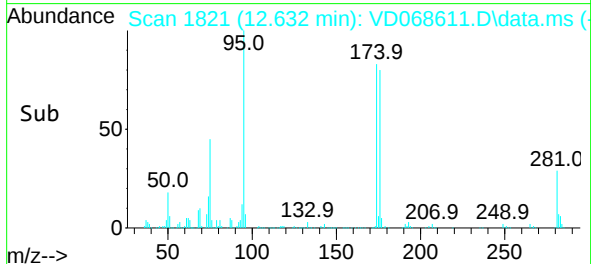
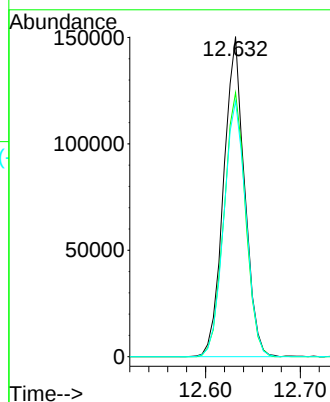
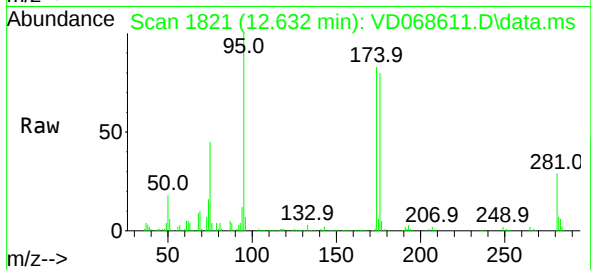




#62
4-Bromofluorobenzene
Concen: 54.97 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

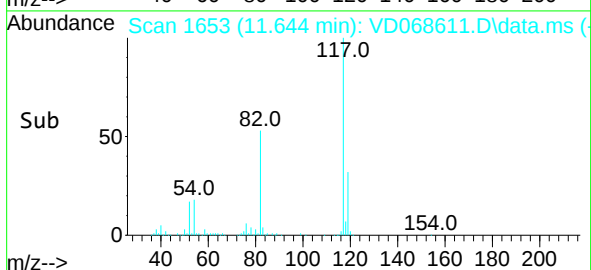
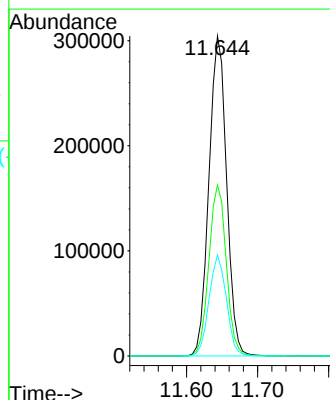
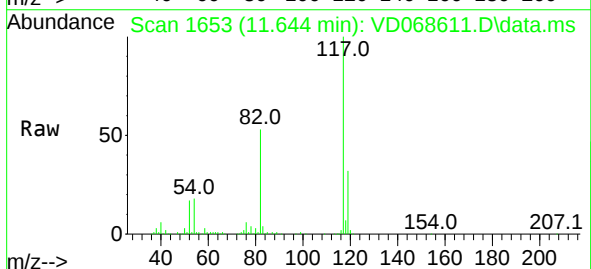
Instrument :
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ClientSampleId :
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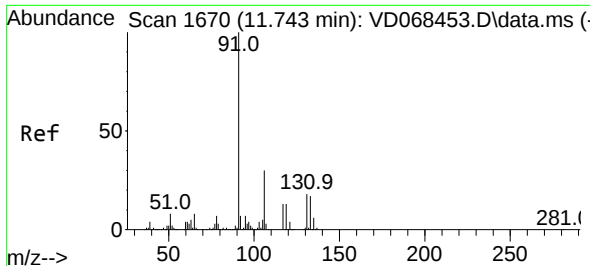
Tgt Ion: 95 Resp: 230666
Ion Ratio Lower Upper
95 100
174 85.3 0.0 172.4
176 84.3 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

Tgt Ion: 117 Resp: 525717
Ion Ratio Lower Upper
117 100
82 53.4 41.4 62.0
119 31.6 26.1 39.1

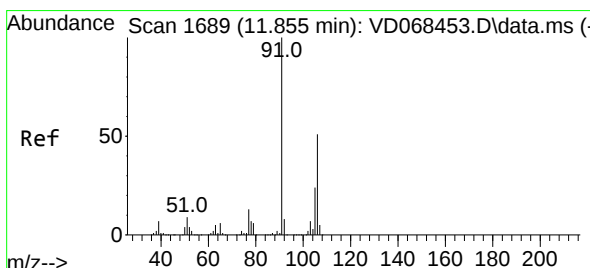
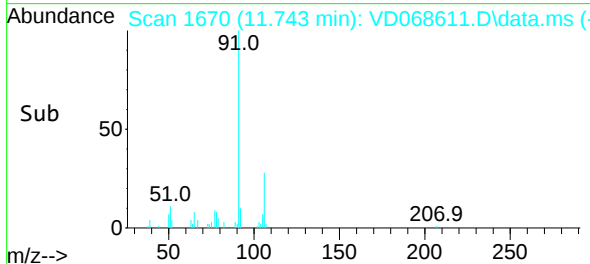
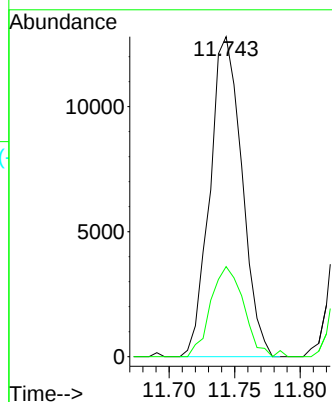
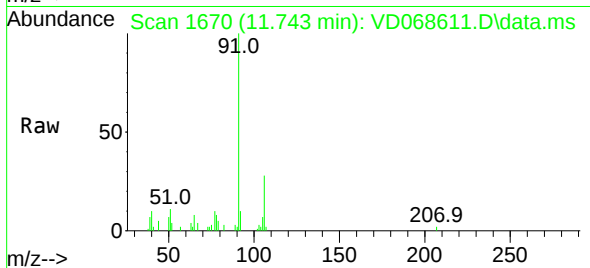




#67
Ethyl Benzene
Concen: 1.14 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

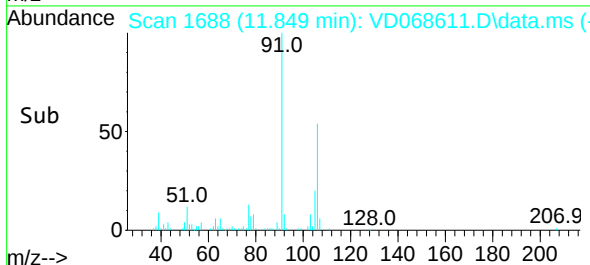
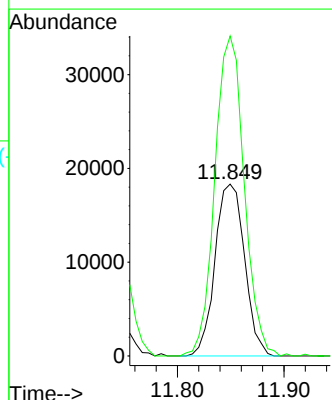
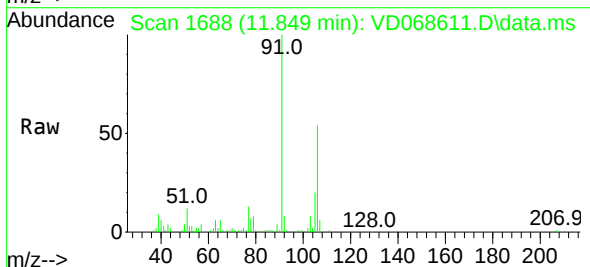
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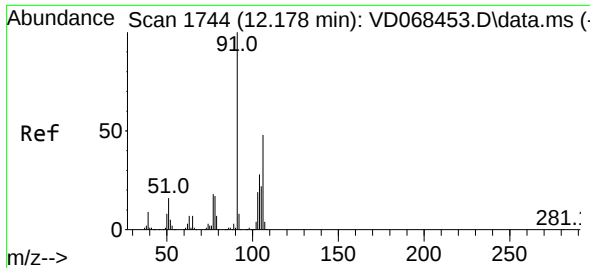
Tgt Ion: 91 Resp: 21763
Ion Ratio Lower Upper
91 100
106 28.2 25.9 38.9



#68
m/p-Xylenes
Concen: 4.86 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

Tgt Ion: 106 Resp: 35258
Ion Ratio Lower Upper
106 100
91 185.1 159.1 238.7

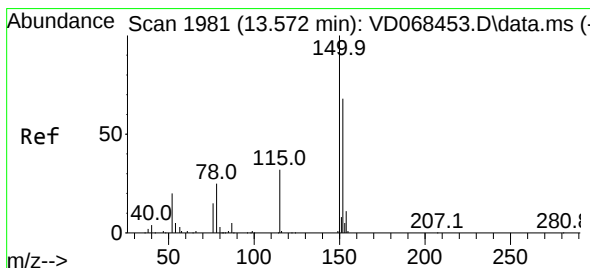
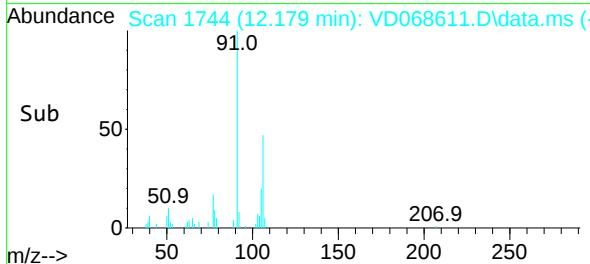
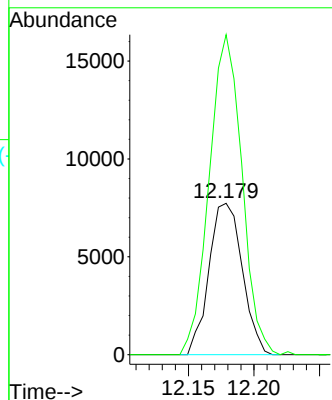
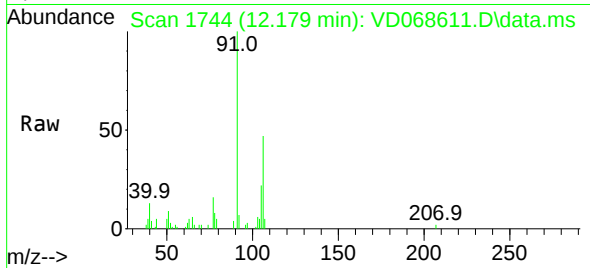




#69
o-Xylene
Concen: 2.04 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

Instrument :
MSVOA_D
ClientSampleId :
CL-02-031221

Tgt Ion:106 Resp: 13668
Ion Ratio Lower Upper
106 100
91 207.6 108.7 325.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

Tgt Ion:152 Resp: 255600
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.8
150 160.0 0.0 344.4

