

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)

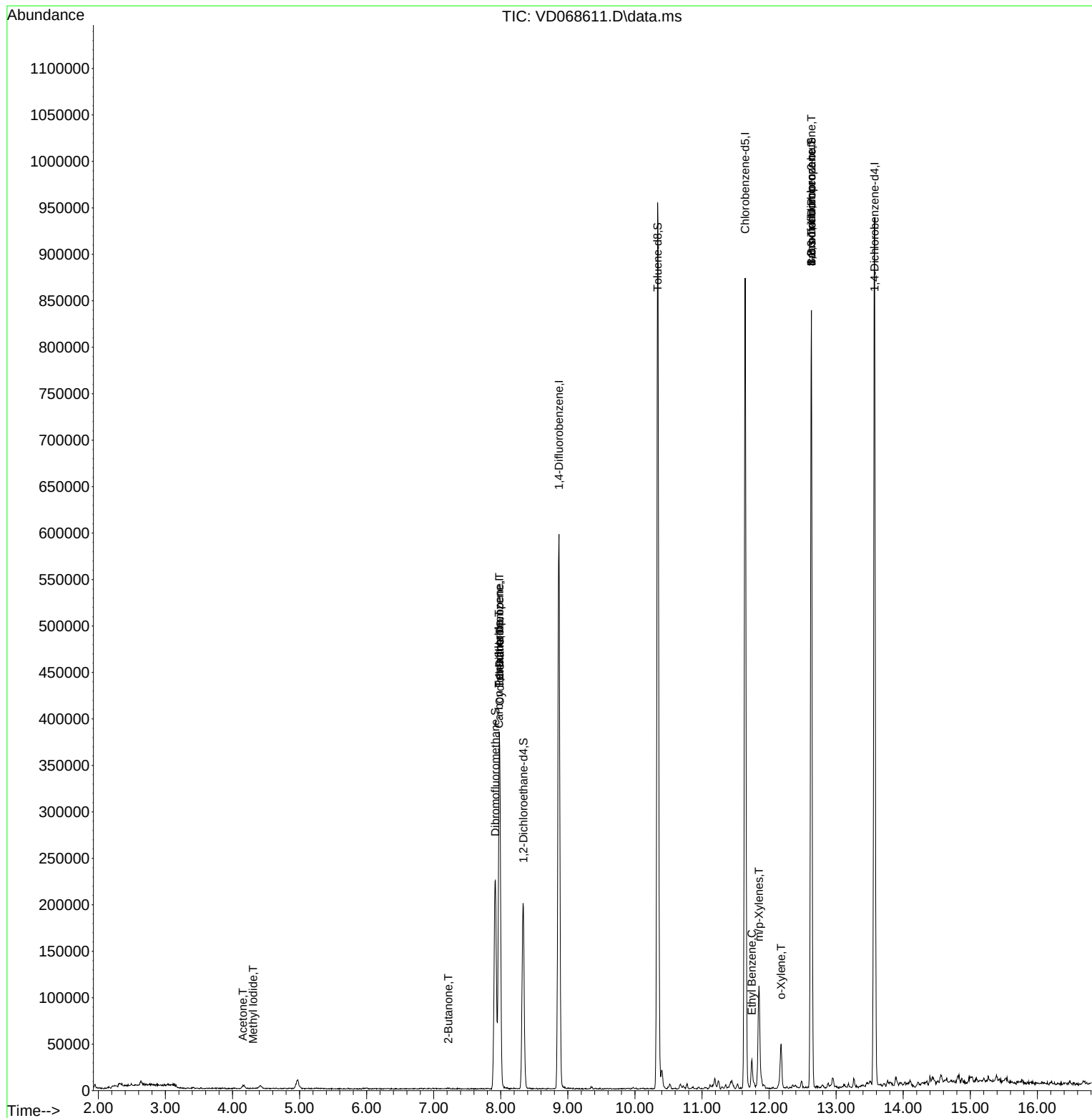
Internal Standards						
1) Pentafluorobenzene	7.979	168	297684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	542668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	525717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	255600	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
10) Methyl Iodide	4.309	142	188	2.67	ug/l #	38
16) Acetone	4.156	43	6324	13.39	ug/l	91
20) Methylene Chloride	4.962	84	7286	Below Cal	#	89
25) 2-Butanone	7.220	43	765	1.13	ug/l #	43
31) Cyclohexane	7.985	56	5894	1.09	ug/l #	17
36) 1,1-Dichloropropene	7.979	75	21794	4.22	ug/l #	49
38) Carbon Tetrachloride	7.973	117	29588	6.10	ug/l #	15
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
71) Bromoform	12.632	173	2217	1.17	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	114161	50.31	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	114161	117.41	ug/l #	14

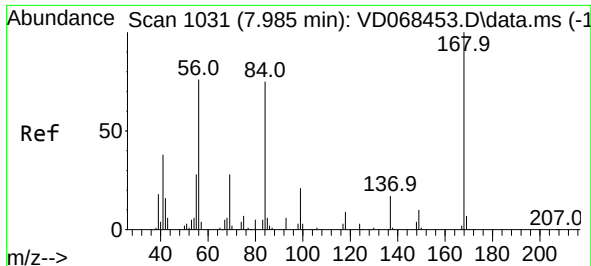
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 12 23:37:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
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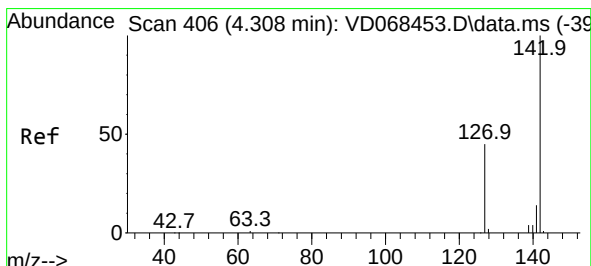
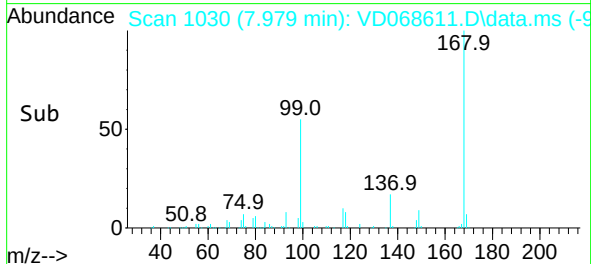
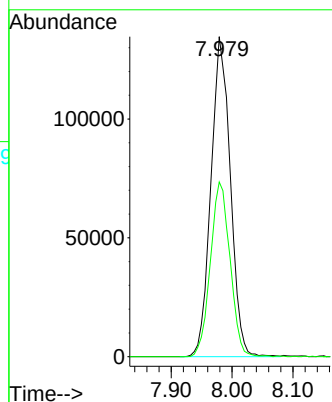
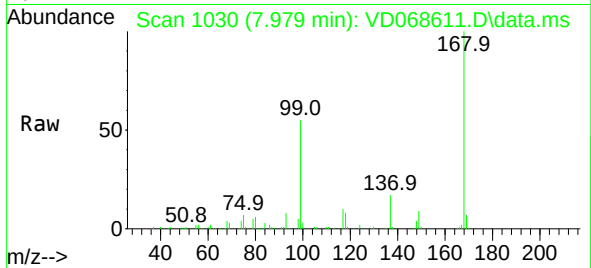




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

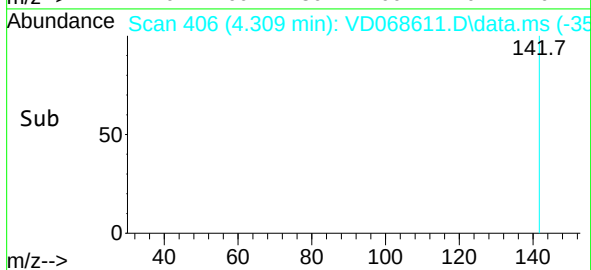
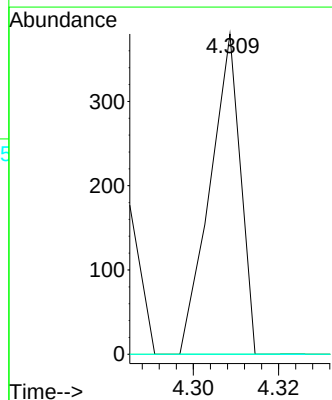
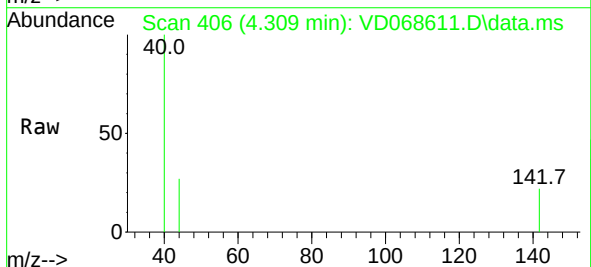
Instrument :
MSVOA_D
ClientSampleId :
CL-02-031221

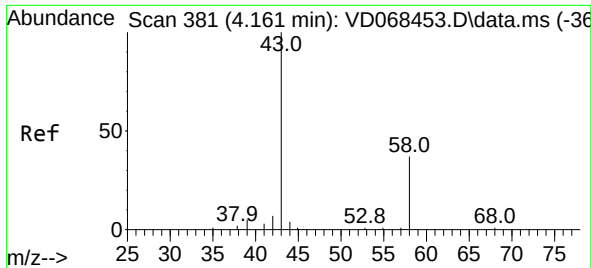
Tgt Ion:168 Resp: 297684
Ion Ratio Lower Upper
168 100
99 54.6 43.5 65.3



#10
Methyl Iodide
Concen: 2.67 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

Tgt Ion:142 Resp: 188
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

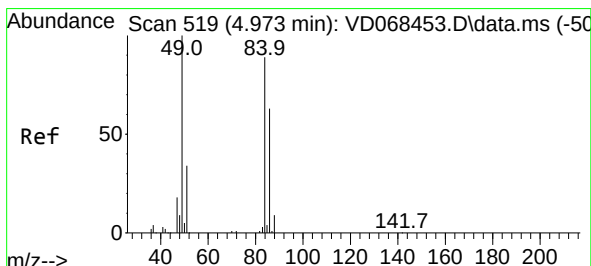
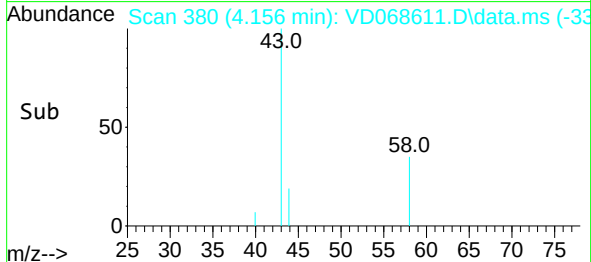
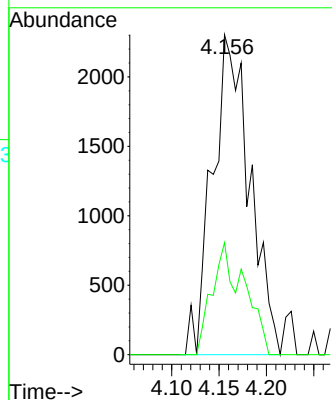
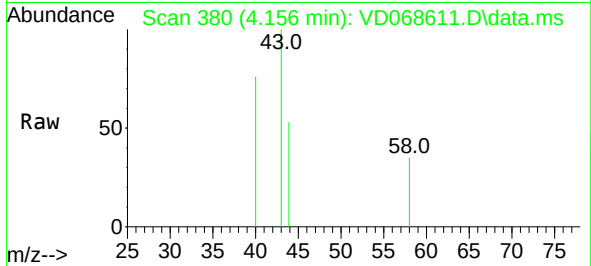




#16
Acetone
Concen: 13.39 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

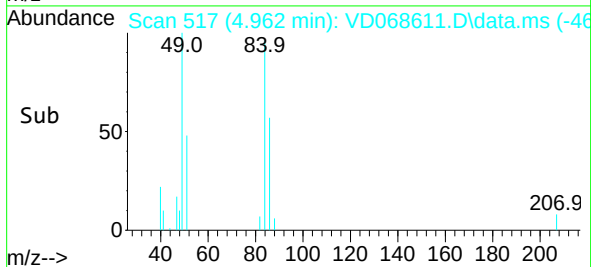
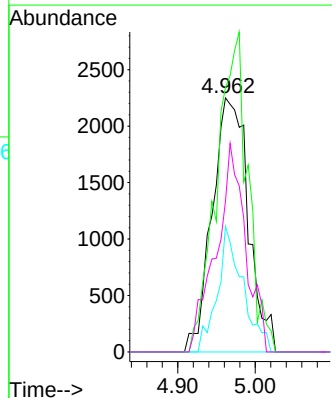
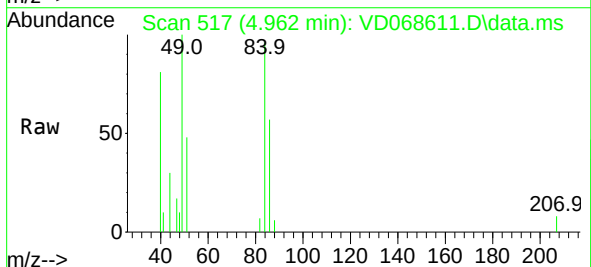
Instrument :
MSVOA_D
ClientSampleId :
CL-02-031221

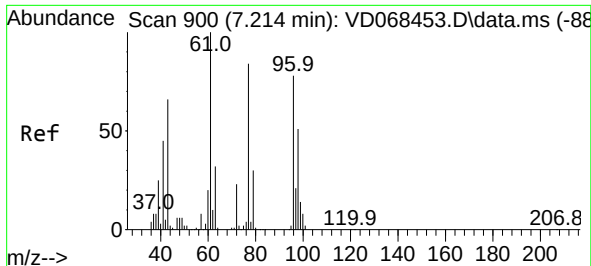
Tgt Ion: 43 Resp: 6324
Ion Ratio Lower Upper
43 100
58 35.0 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

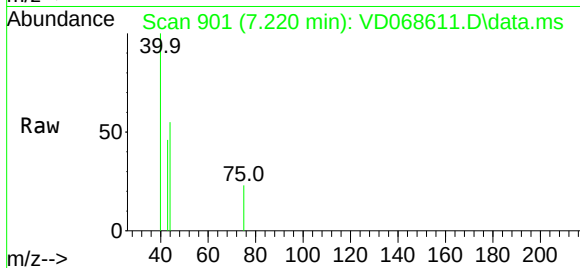
Tgt Ion: 84 Resp: 7286
Ion Ratio Lower Upper
84 100
49 104.1 77.4 116.2
51 49.5 26.1 39.1#
86 59.3 51.8 77.8



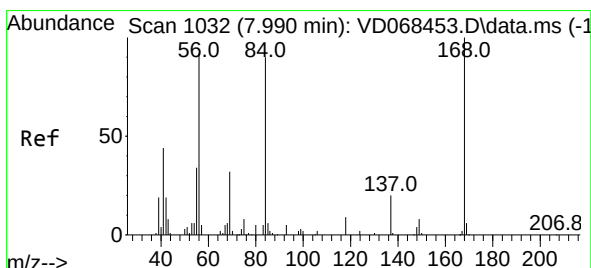
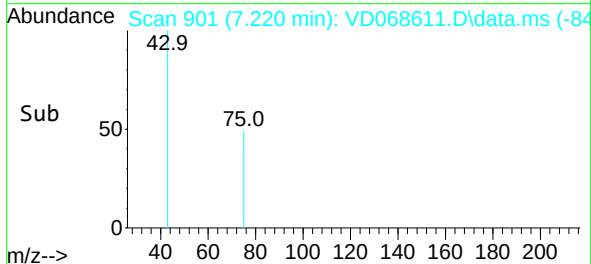
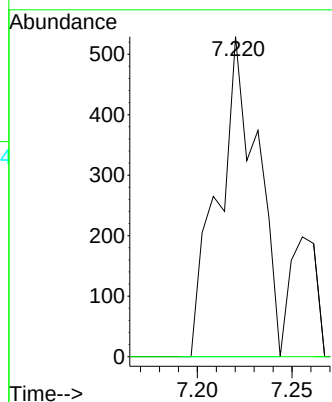


#25
2-Butanone
Concen: 1.13 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

Instrument :
MSVOA_D
ClientSampleID :
CL-02-031221

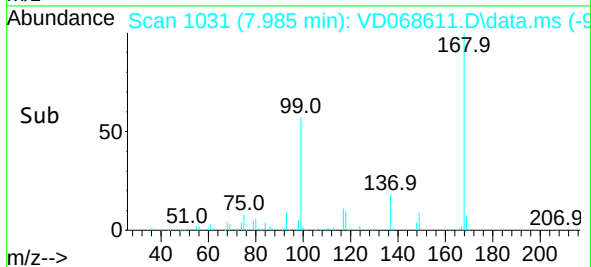
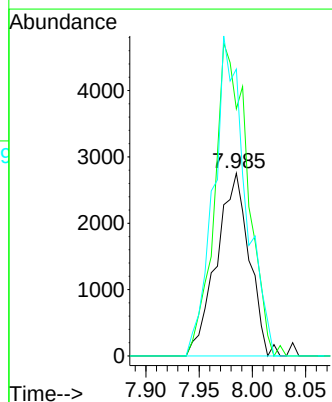
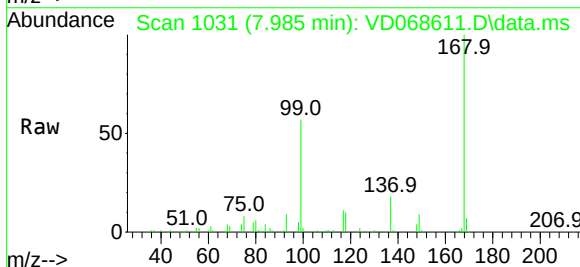


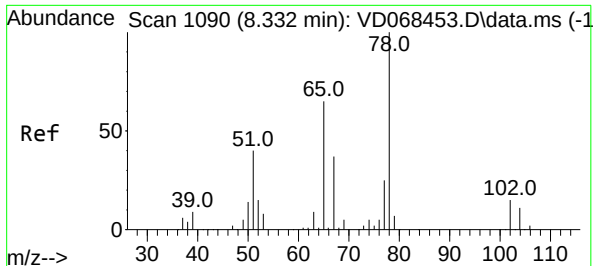
Tgt Ion: 43 Resp: 765
Ion Ratio Lower Upper
43 100
72 0.0 25.1 37.7#



#31
Cyclohexane
Concen: 1.09 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

Tgt Ion: 56 Resp: 5894
Ion Ratio Lower Upper
56 100
69 135.2 30.1 45.1#
84 157.0 82.1 123.1#

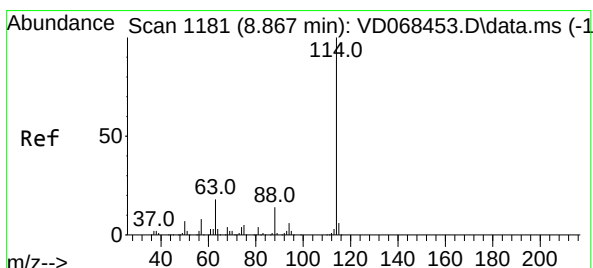
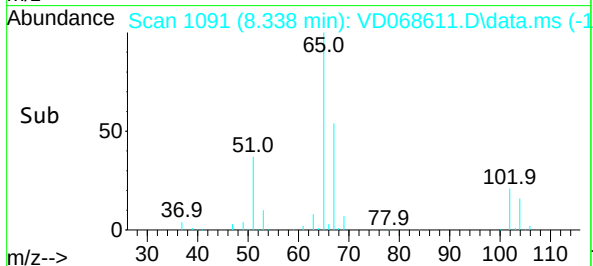
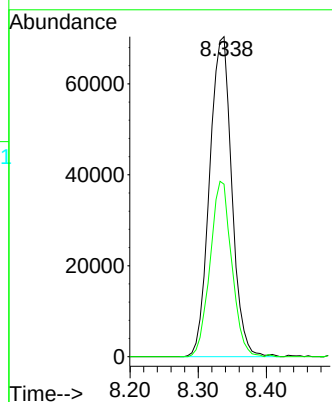
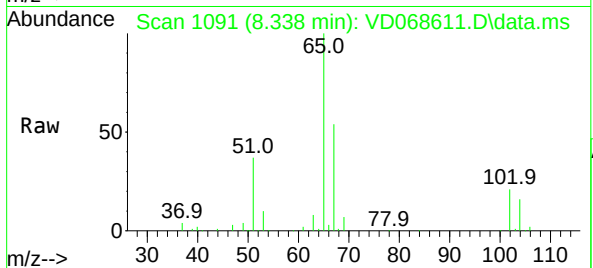




#33
1,2-Dichloroethane-d4
Concen: 53.61 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

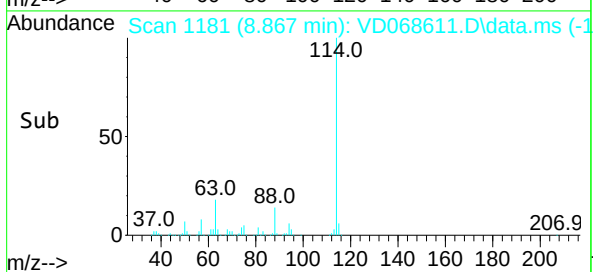
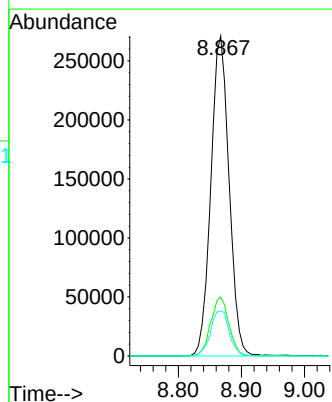
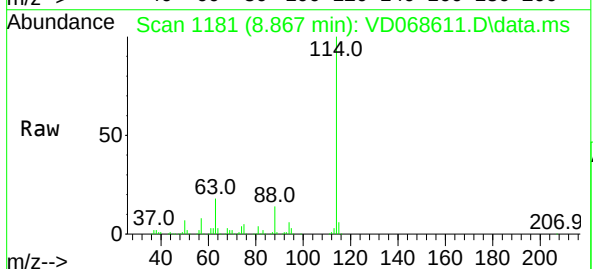
Instrument :
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ClientSampleId :
CL-02-031221

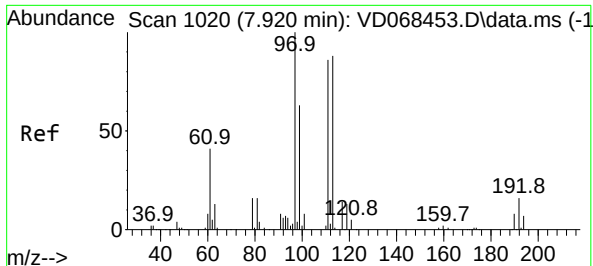
Tgt Ion: 65 Resp: 159441
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.0



#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

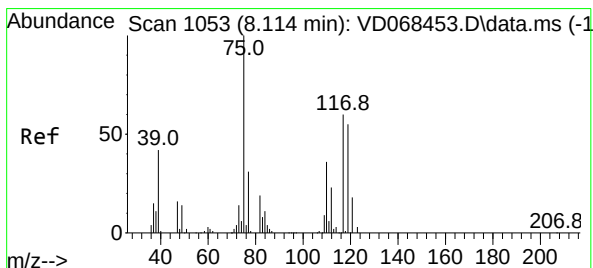
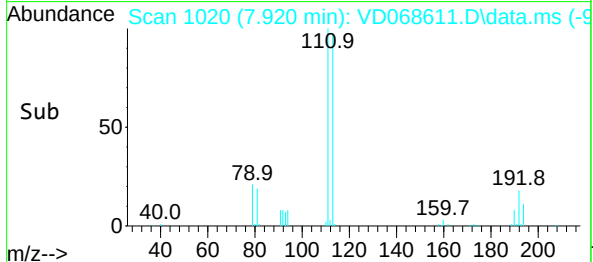
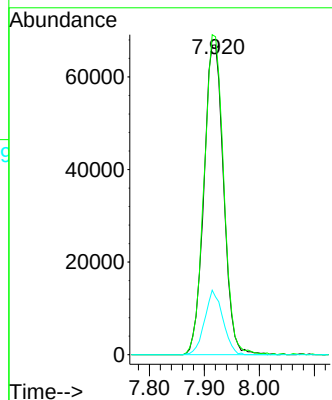
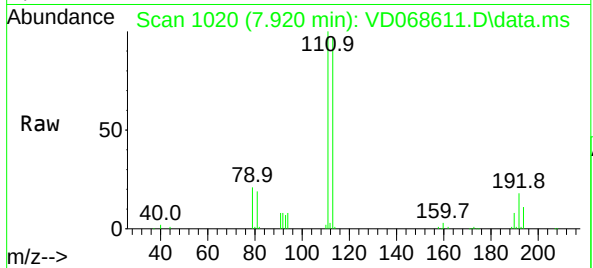
Tgt Ion:113 Resp: 166397

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 19.3 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.22 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068611.D

Acq: 12 Mar 2021 17:26

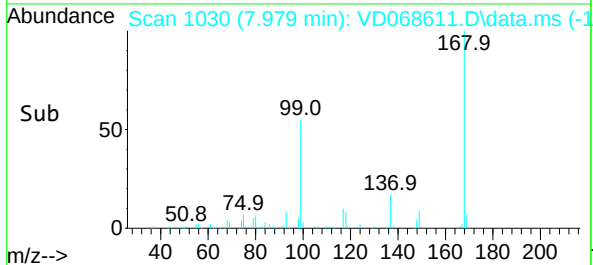
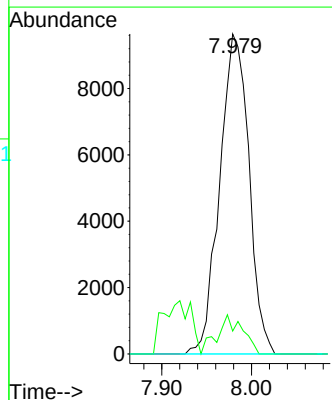
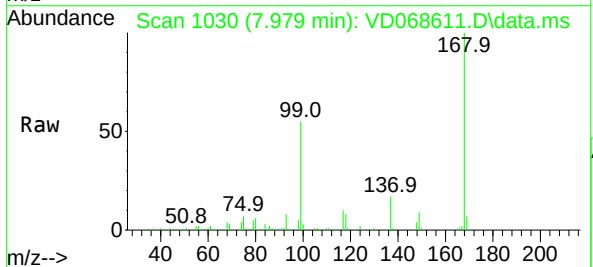
Tgt Ion: 75 Resp: 21794

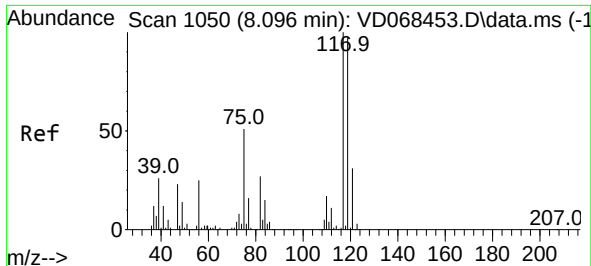
Ion Ratio Lower Upper

75 100

110 10.5 19.4 58.2#

77 0.0 25.3 37.9#

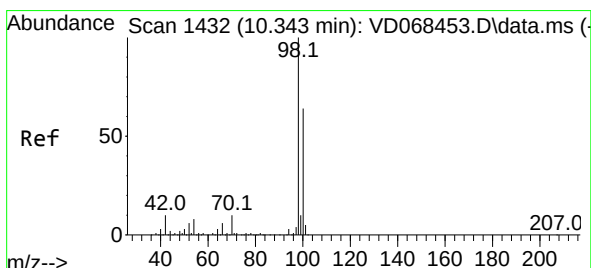
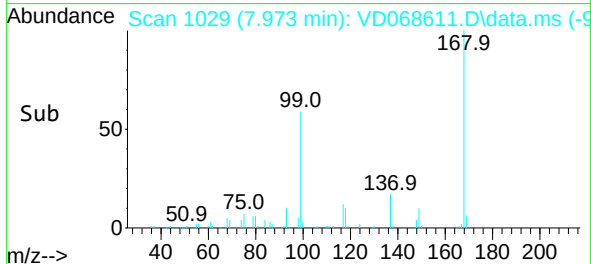
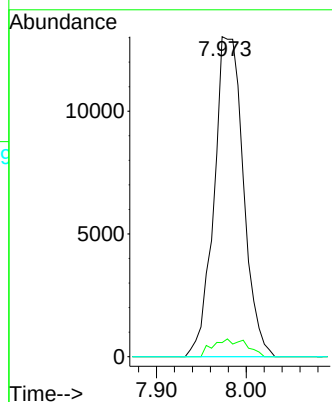
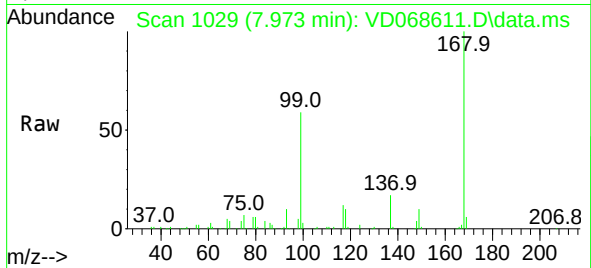




#38
Carbon Tetrachloride
Concen: 6.10 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

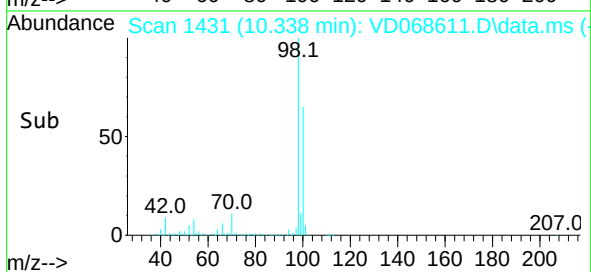
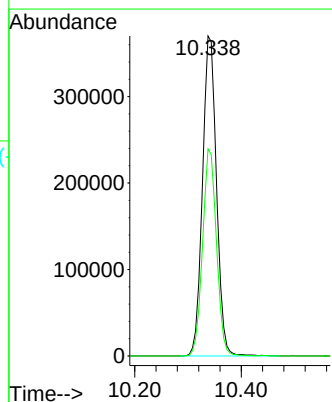
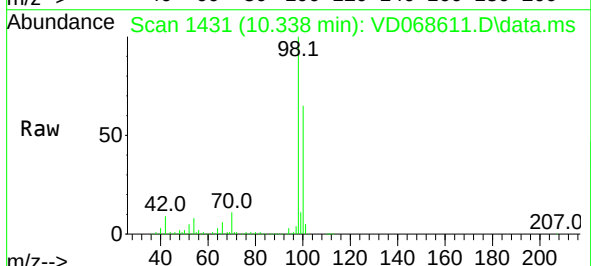
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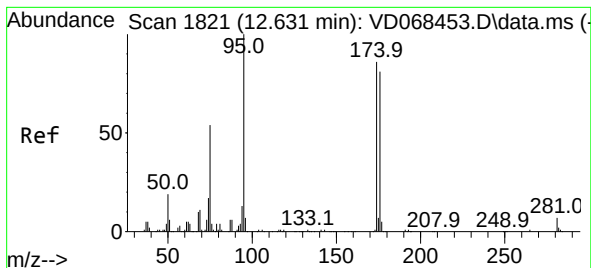
Tgt Ion:117 Resp: 29588
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.7 37.1#



#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

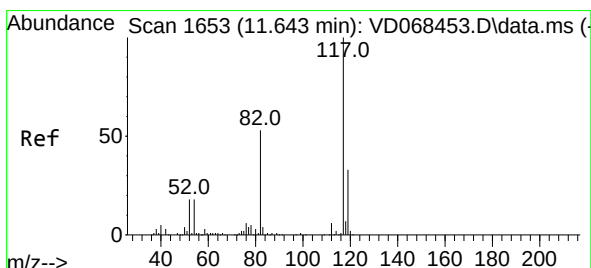
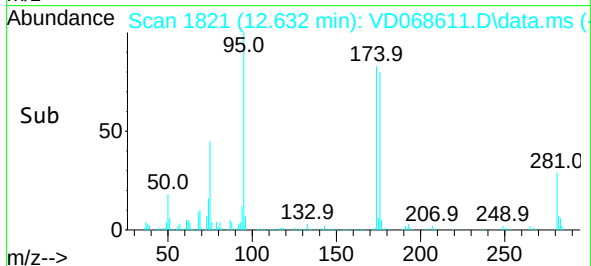
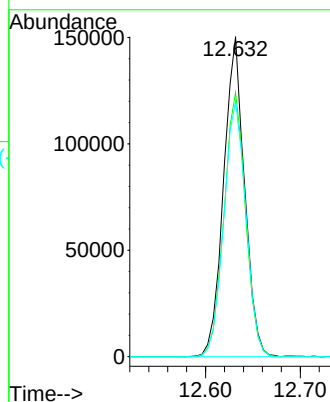
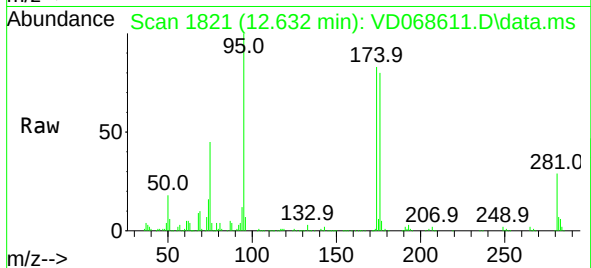




#62
4-Bromofluorobenzene
Concen: 54.97 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

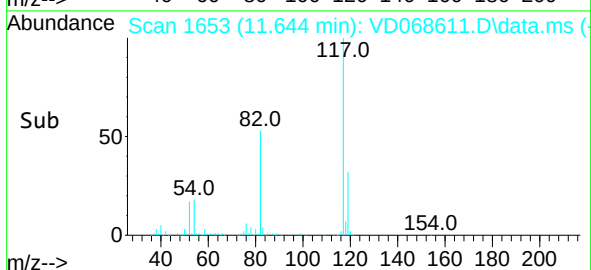
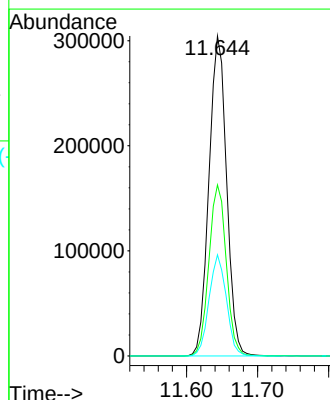
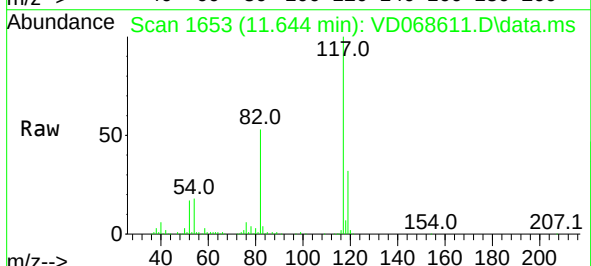
Instrument :
MSVOA_D
ClientSampleId :
CL-02-031221

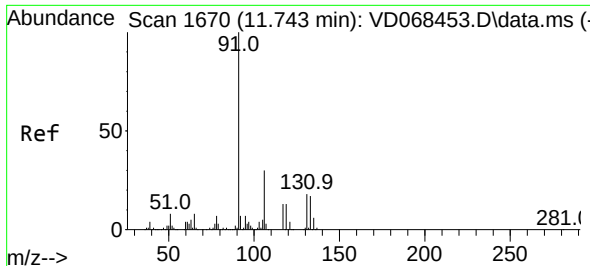
Tgt Ion: 95 Resp: 230666
Ion Ratio Lower Upper
95 100
174 85.3 0.0 172.4
176 84.3 0.0 168.4



#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

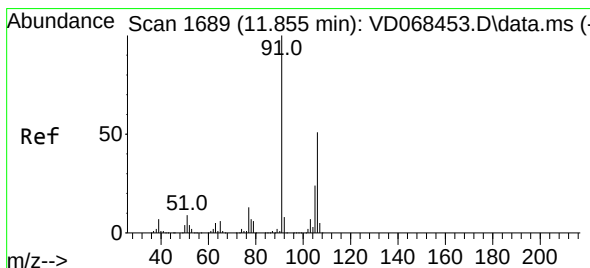
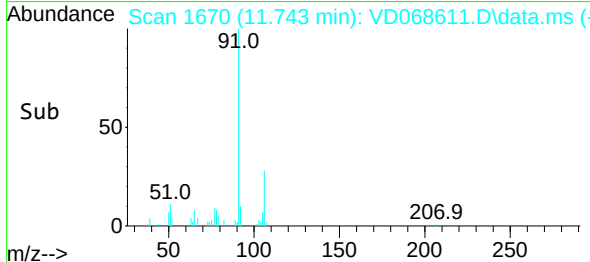
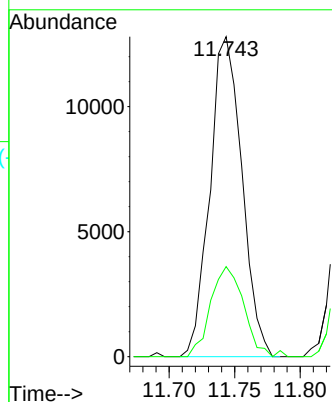
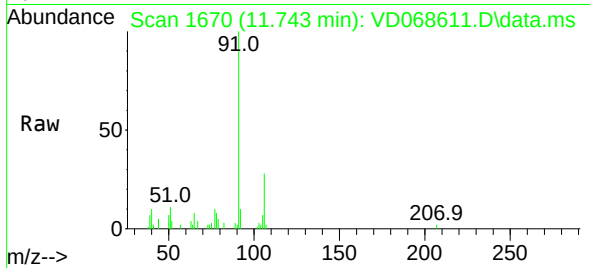




#67
Ethyl Benzene
Concen: 1.14 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

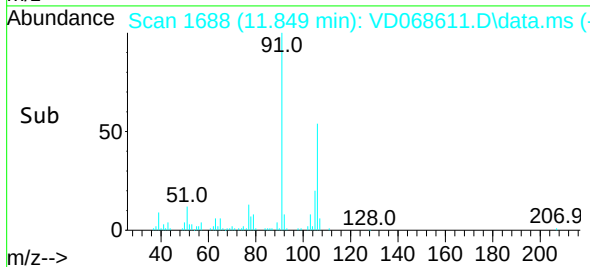
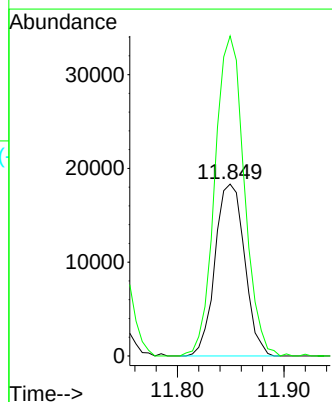
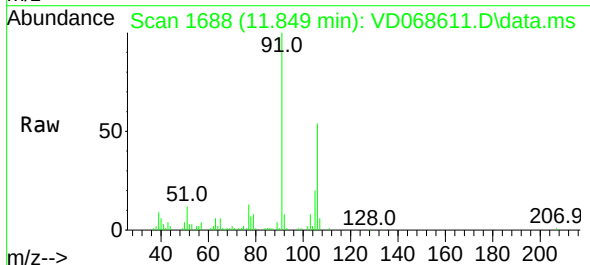
Instrument :
MSVOA_D
ClientSampleId :
CL-02-031221

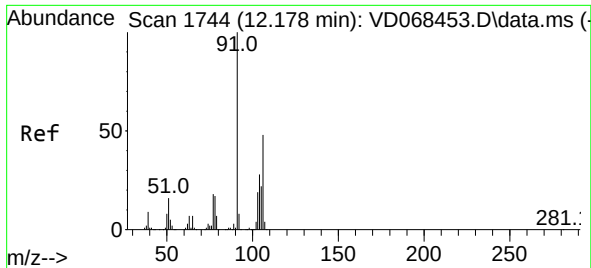
Tgt Ion: 91 Resp: 21763
Ion Ratio Lower Upper
91 100
106 28.2 25.9 38.9



#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

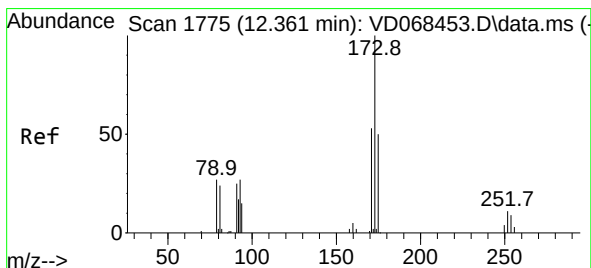
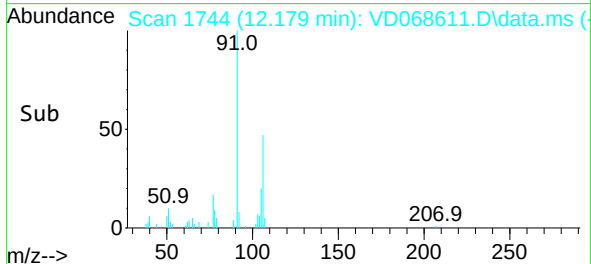
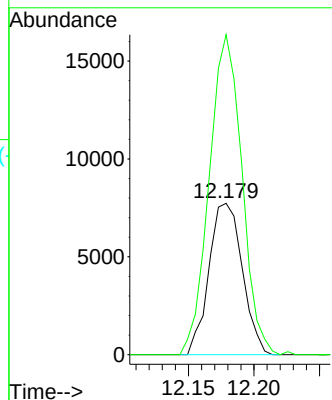
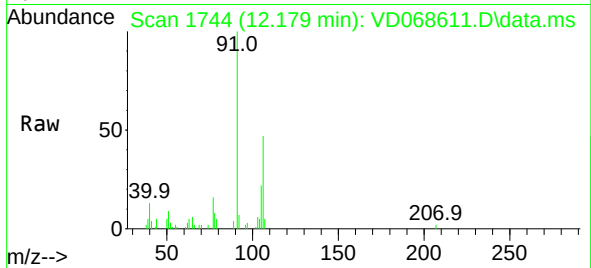




#69
o-Xylene
Concen: 2.04 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

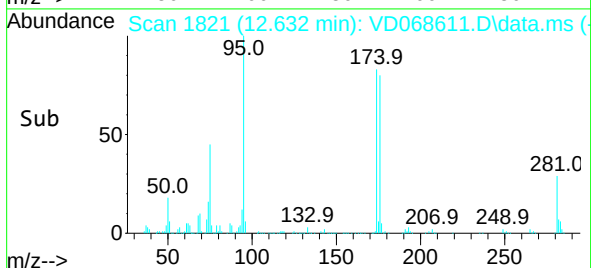
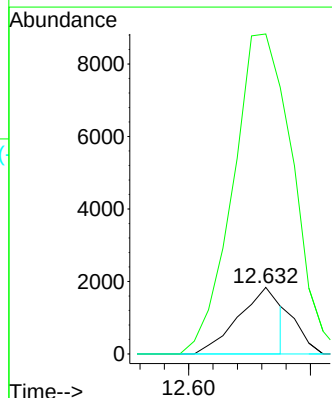
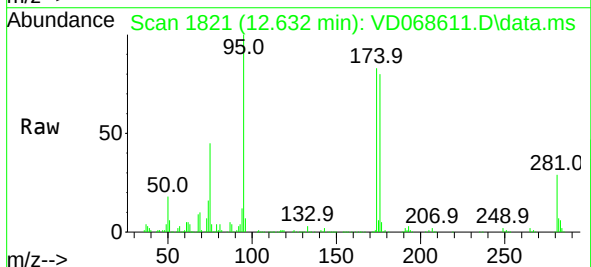
Instrument :
MSVOA_D
ClientSampleId :
CL-02-031221

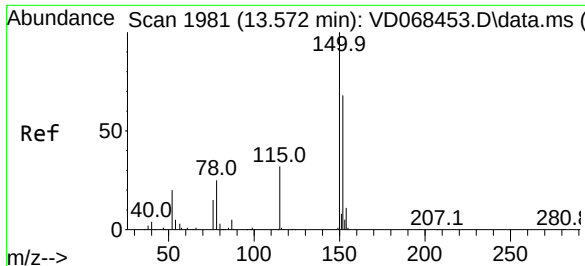
Tgt Ion:106 Resp: 13668
Ion Ratio Lower Upper
106 100
91 207.6 108.7 325.9



#71
Bromoform
Concen: 1.17 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD068611.D
Acq: 12 Mar 2021 17:26

Tgt Ion:173 Resp: 2217
Ion Ratio Lower Upper
173 100
175 554.9 24.6 73.8#
254 0.0 0.0 0.0

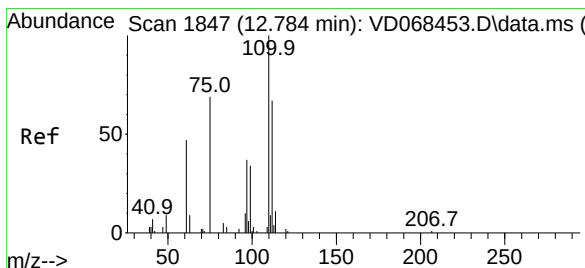
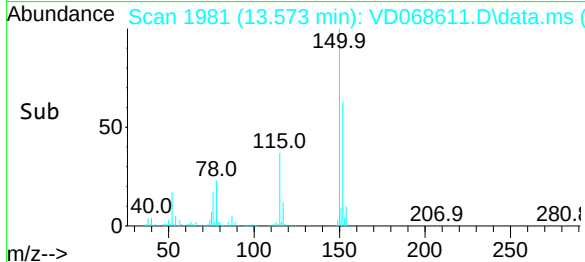
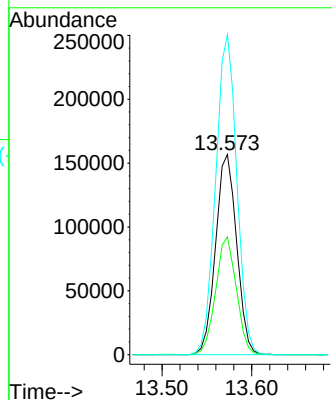
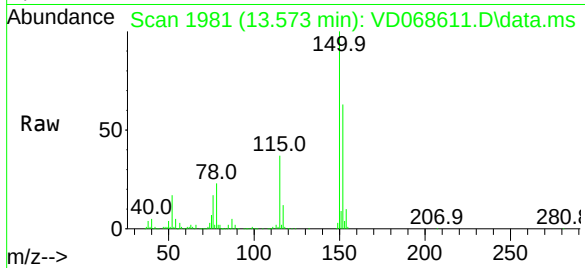




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.001 min
 Lab File: VD068611.D
 Acq: 12 Mar 2021 17:26

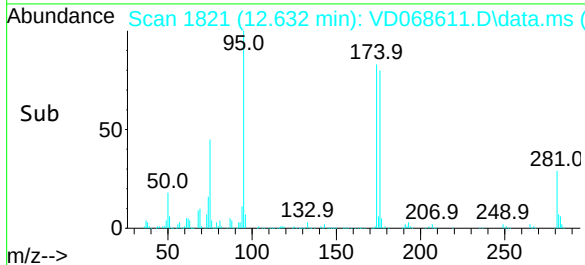
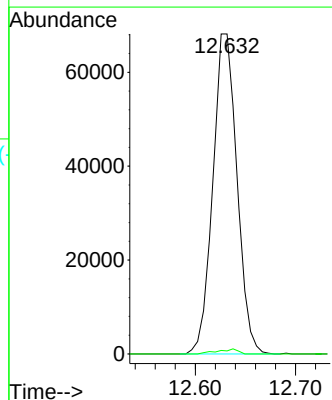
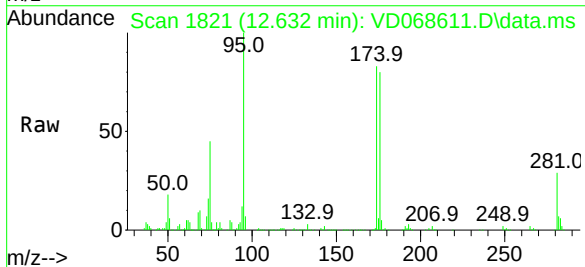
Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-031221

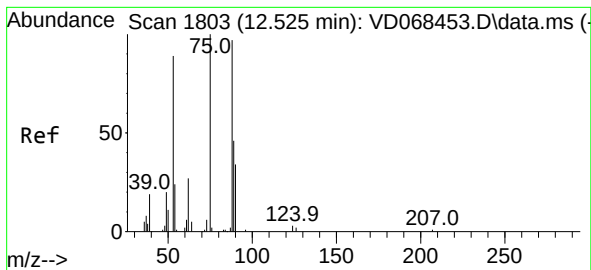
Tgt Ion:152 Resp: 255600
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.9 86.8
 150 160.0 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 50.31 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.152 min
 Lab File: VD068611.D
 Acq: 12 Mar 2021 17:26

Tgt Ion: 75 Resp: 114161
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.41 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068611.D
 Acq: 12 Mar 2021 17:26

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-031221

Tgt Ion: 75 Resp: 114161
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.4 40.3 60.5#

