

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031221\
 Data File : VN066184.D
 Acq On : 12 Mar 2021 14:54
 Operator : JC/MD
 Sample : VN0312WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 13 02:40:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 13:00:23 2021
 Response via : Initial Calibration

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

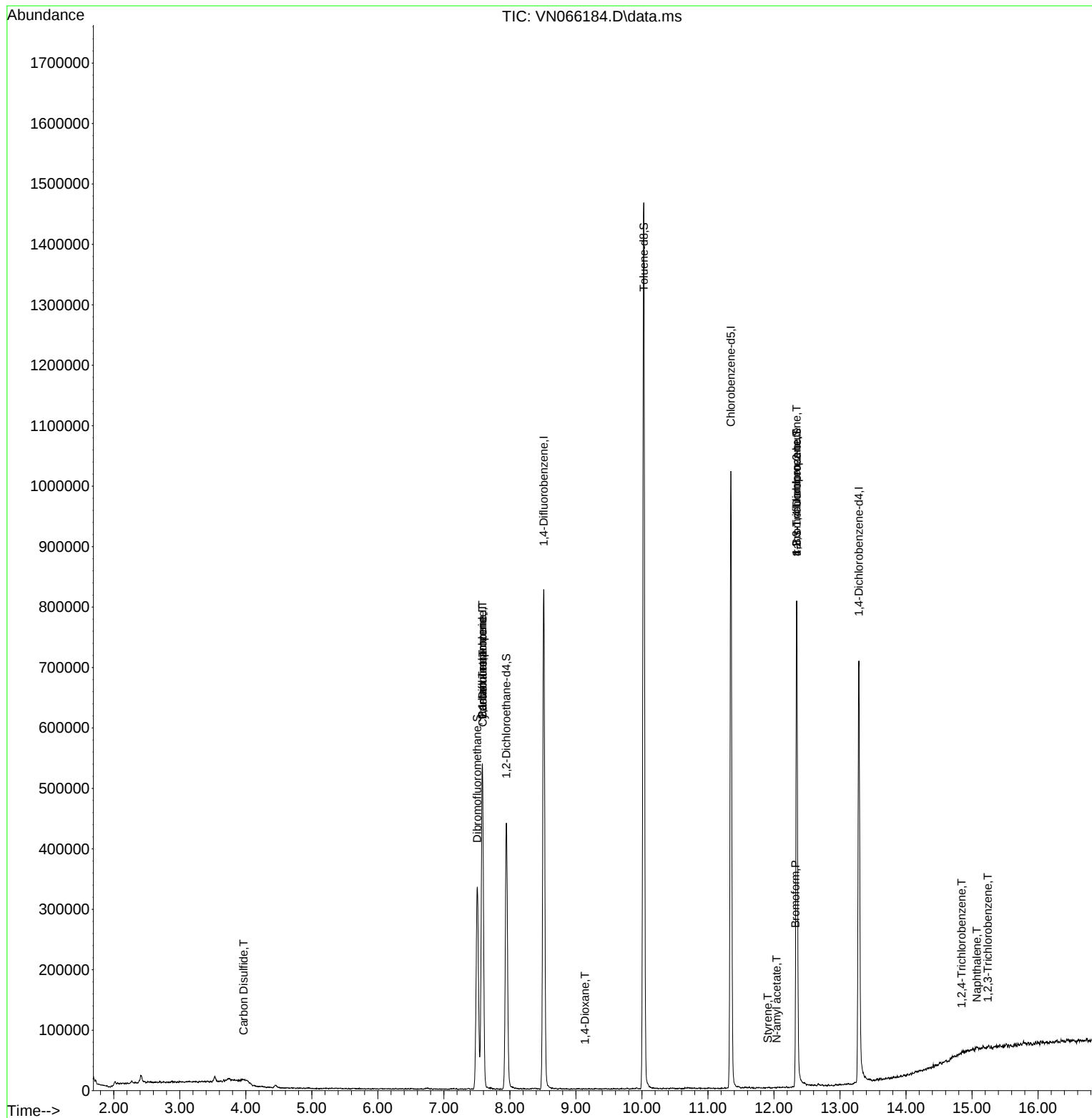
Internal Standards						
1) Pentafluorobenzene	7.584	168	438072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	684735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	559118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	200564	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	377538	53.41	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	106.82%	
35) Dibromofluoromethane	7.507	113	259744	56.22	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	112.44%	
50) Toluene-d8	10.028	98	967875	51.73	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.345	95	285923	41.54	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	83.08%	
Target Compounds						
						Qvalue
13) Acrolein	3.532	56	8704	Below Cal		90
16) Acetone	3.728	43	2097	Below Cal	#	78
17) Carbon Disulfide	3.966	76	2810	0.23 ug/l	#	91
31) Cyclohexane	7.587	56	9263	0.89 ug/l	#	1
36) 1,1-Dichloropropene	7.584	75	36336	5.02 ug/l	#	50
38) Carbon Tetrachloride	7.584	117	41102	6.09 ug/l	#	17
49) 1,4-Dioxane	9.137	88	218	2.54 ug/l	#	62
59) 2-Hexanone	10.698	43	927	Below Cal		93
70) Styrene	11.908	104	138	2.77 ug/l	#	22
71) Bromoform	12.326	173	142	2.91 ug/l	#	1
74) N-amyl acetate	12.039	43	282	4.82 ug/l	#	49
76) 1,2,3-Trichloropropane	12.345	75	148565	31.43 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.345	75	148565	82.77 ug/l	#	11
93) 1,2,4-Trichlorobenzene	14.845	180	248	2.83 ug/l	#	1
95) Naphthalene	15.073	128	2425	2.23 ug/l	#	87
96) 1,2,3-Trichlorobenzene	15.239	180	275	1.95 ug/l	#	83

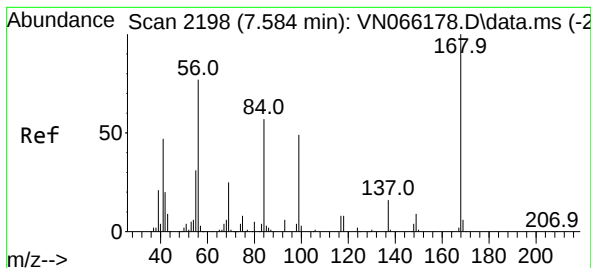
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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Quant Time: Mar 13 02:40:15 2021
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Quant Title : SW846 8260
QLast Update : Fri Mar 12 13:00:23 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.584 min Scan# 2198

Delta R.T. -0.006 min

Lab File: VN066184.D

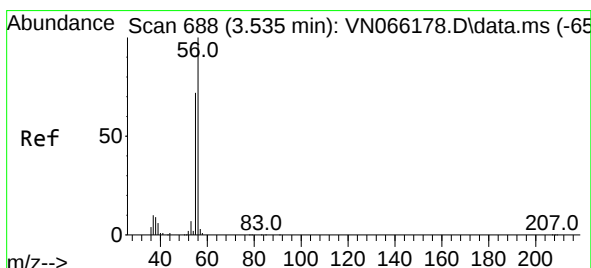
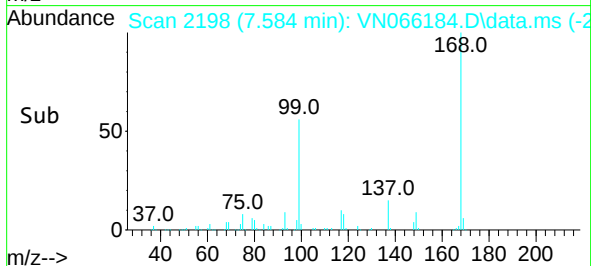
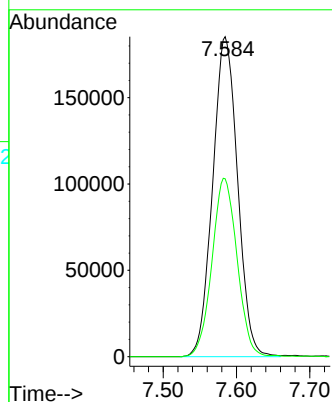
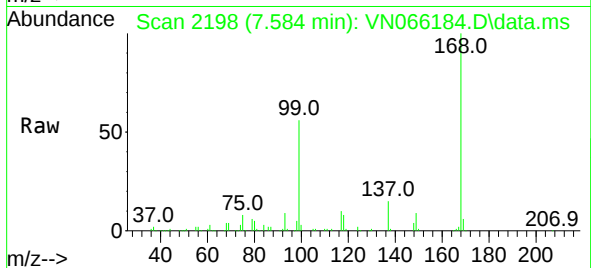
Acq: 12 Mar 2021 14:54

Tgt Ion:168 Resp: 438072

Ion Ratio Lower Upper

168 100

99 55.6 45.4 68.0



#13

Acrolein

Concen: Below Cal

RT: 3.532 min Scan# 687

Delta R.T. -0.005 min

Lab File: VN066184.D

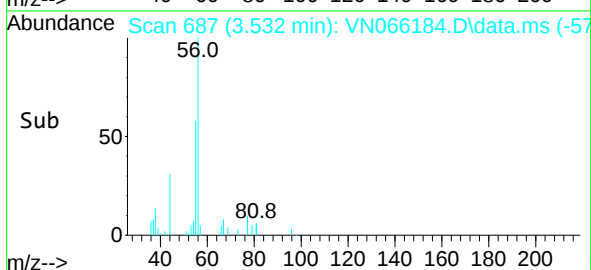
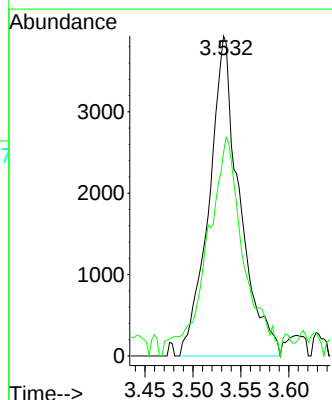
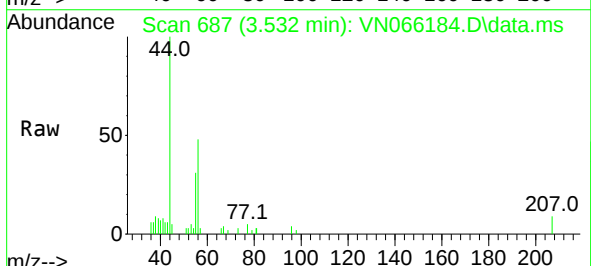
Acq: 12 Mar 2021 14:54

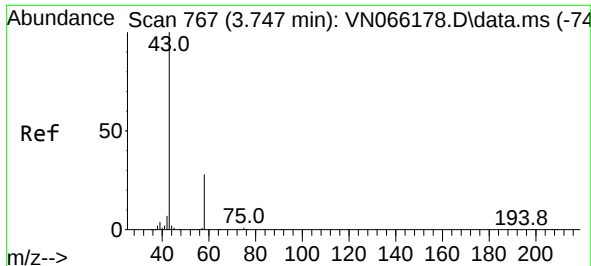
Tgt Ion: 56 Resp: 8704

Ion Ratio Lower Upper

56 100

55 81.0 58.0 87.0

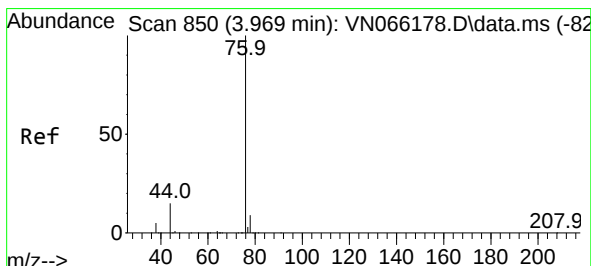
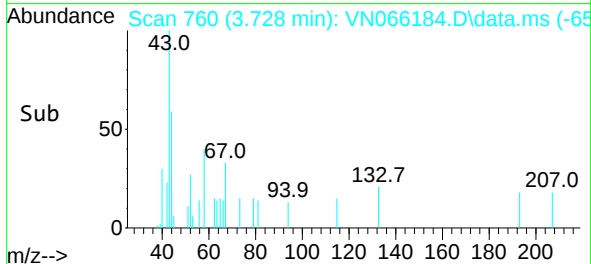
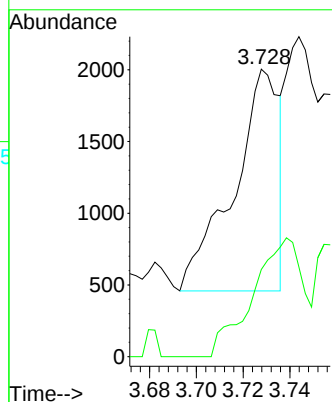
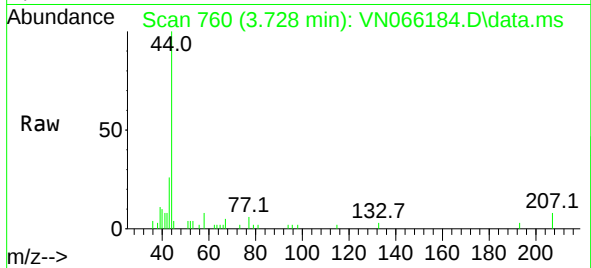




#16
Acetone
Concen: Below Cal
RT: 3.728 min Scan# 760
Delta R.T. -0.021 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54

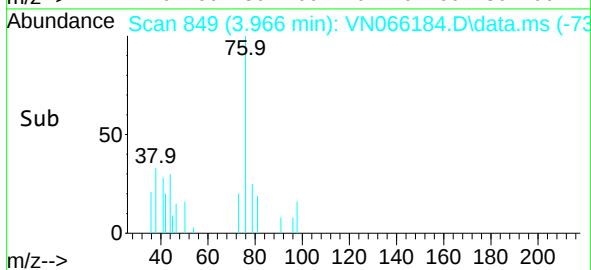
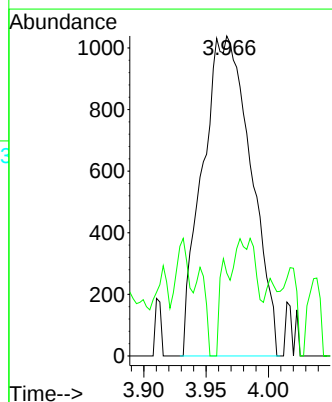
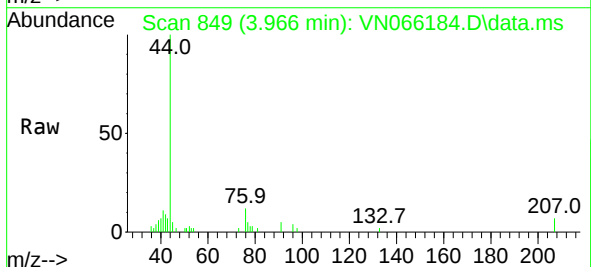
Instrument :
MSVOA_N
ClientSampled :

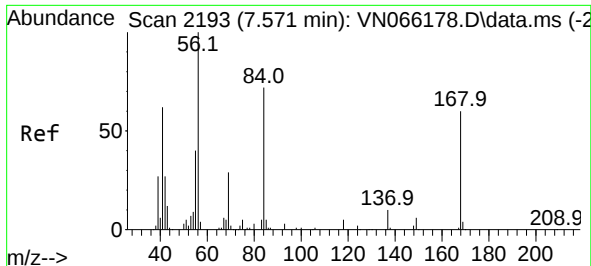
Tgt Ion: 43 Resp: 2097
Ion Ratio Lower Upper
43 100
58 39.3 22.3 33.5#



#17
Carbon Disulfide
Concen: 0.23 ug/l
RT: 3.966 min Scan# 849
Delta R.T. -0.003 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54

Tgt Ion: 76 Resp: 2810
Ion Ratio Lower Upper
76 100
78 5.7 7.3 10.9#

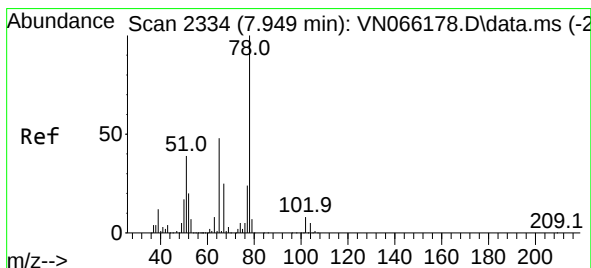
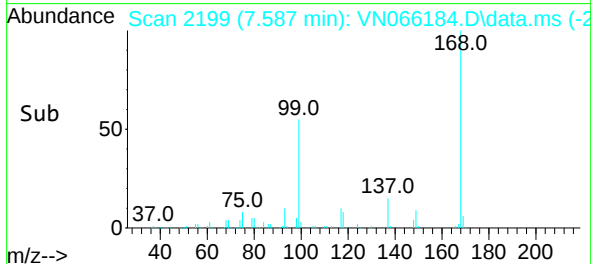
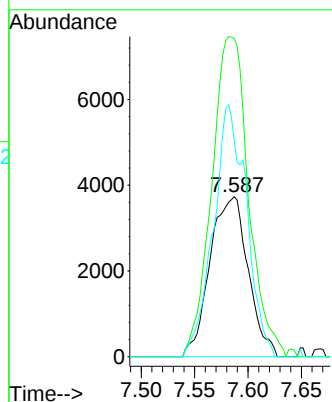
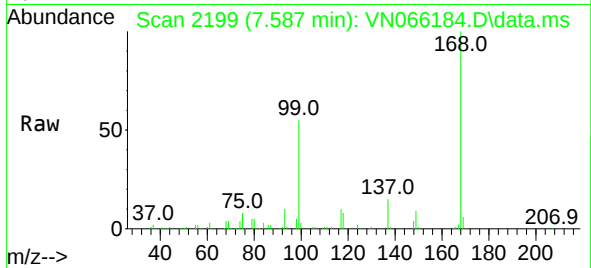




#31
Cyclohexane
Concen: 0.89 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. 0.011 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54

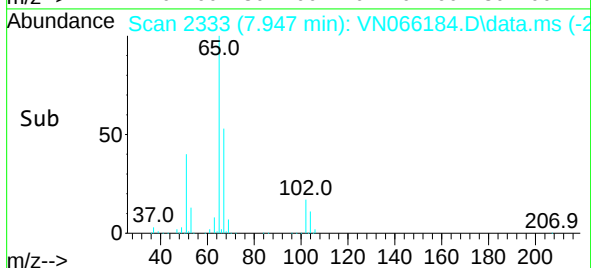
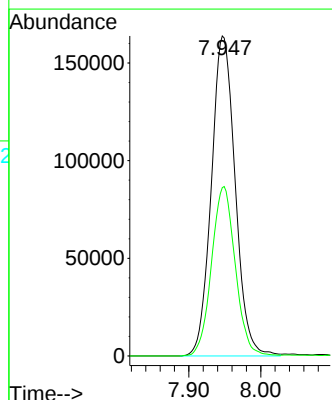
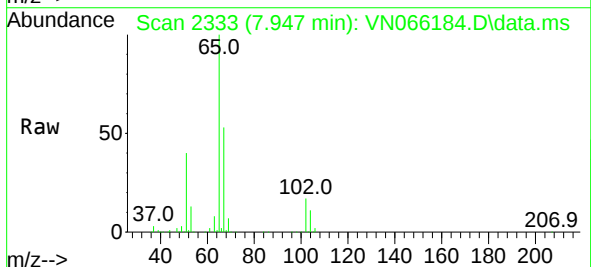
Instrument :
MSVOA_N
ClientSampled :

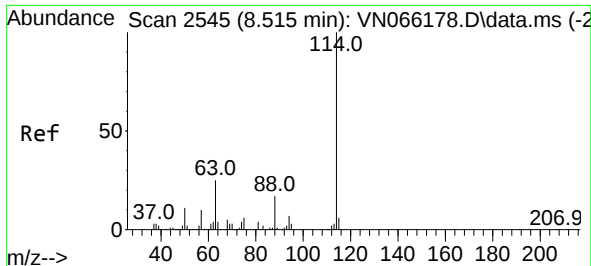
Tgt Ion: 56 Resp: 9263
Ion Ratio Lower Upper
56 100
69 198.9 23.4 35.0#
84 134.9 57.8 86.6#



#33
1,2-Dichloroethane-d4
Concen: 53.41 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. -0.005 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54

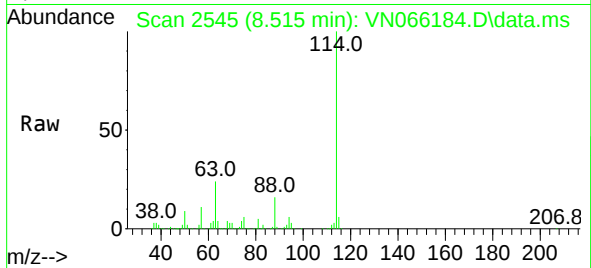
Tgt Ion: 65 Resp: 377538
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.2



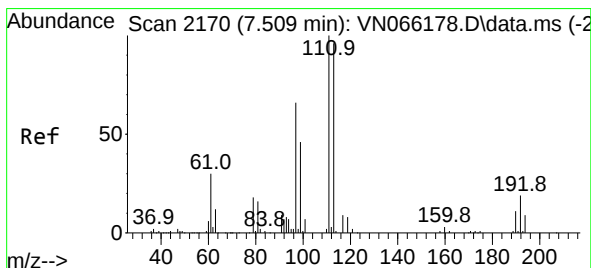
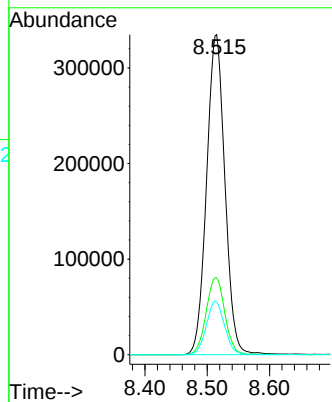
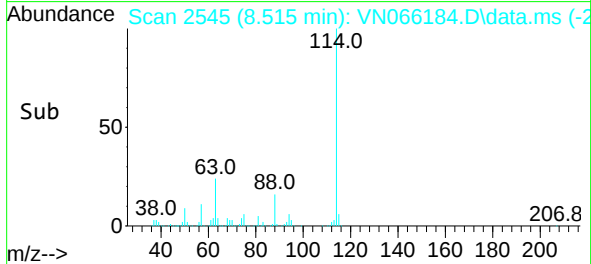


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. -0.003 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54

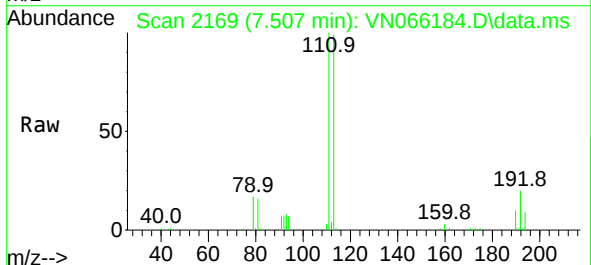
Instrument :
MSVOA_N
ClientSampleId :



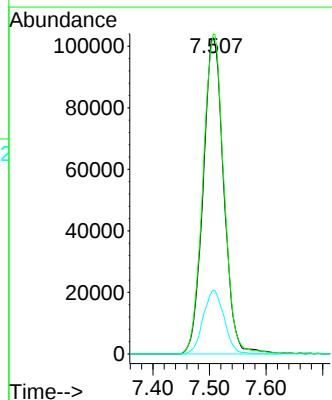
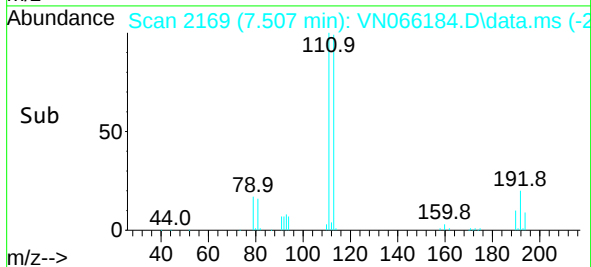
Tgt Ion:114 Resp: 684735
Ion Ratio Lower Upper
114 100
63 24.0 0.0 49.2
88 16.4 0.0 33.8

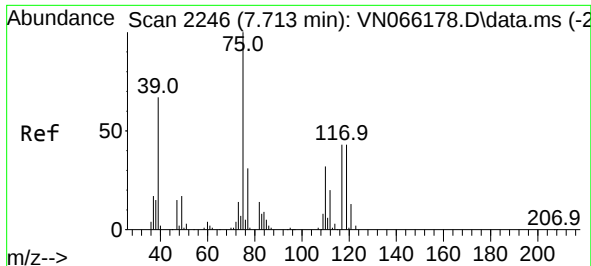


#35
Dibromofluoromethane
Concen: 56.22 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.002 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54



Tgt Ion:113 Resp: 259744
Ion Ratio Lower Upper
113 100
111 103.1 84.0 126.0
192 20.4 16.7 25.1

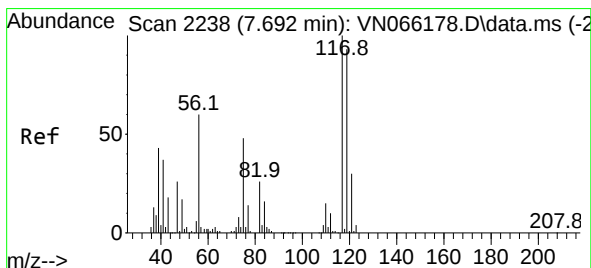
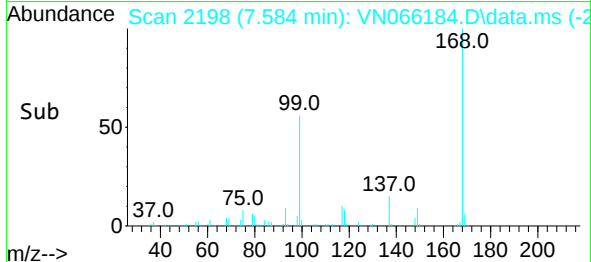
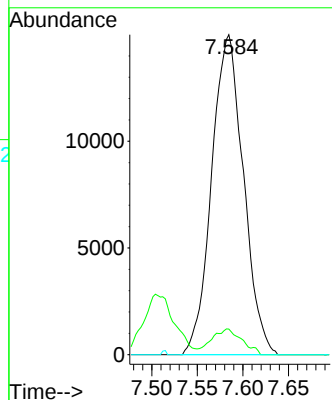
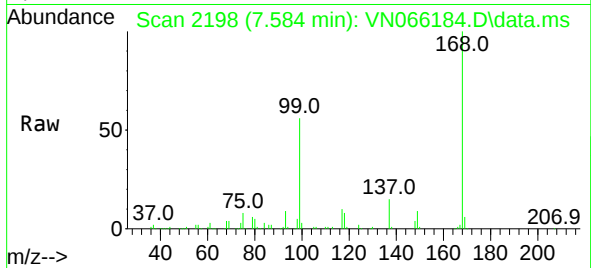




#36
1,1-Dichloropropene
Concen: 5.02 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.132 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54

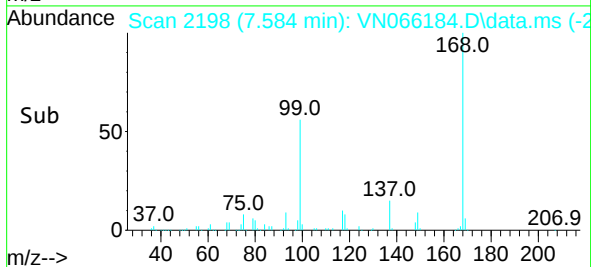
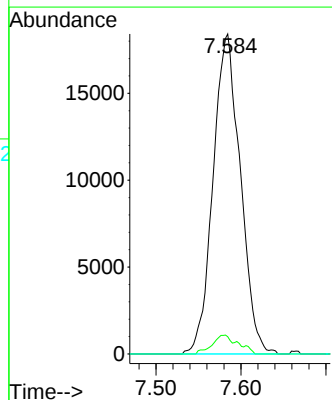
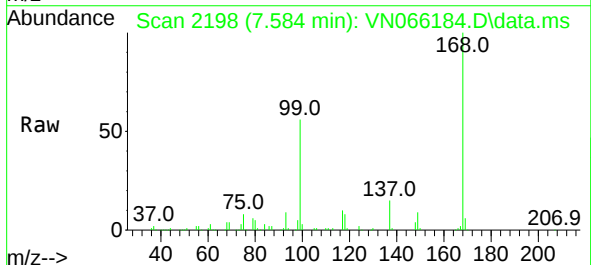
Instrument :
MSVOA_N
ClientSampled :

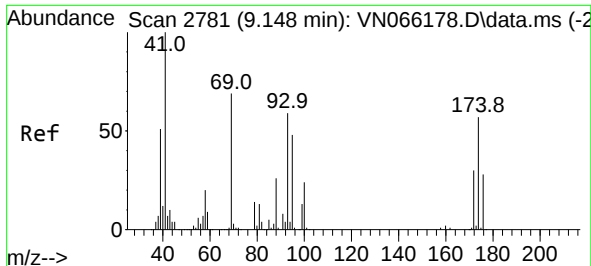
Tgt Ion: 75 Resp: 36336
Ion Ratio Lower Upper
75 100
110 7.7 16.0 48.0#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.09 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.113 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54

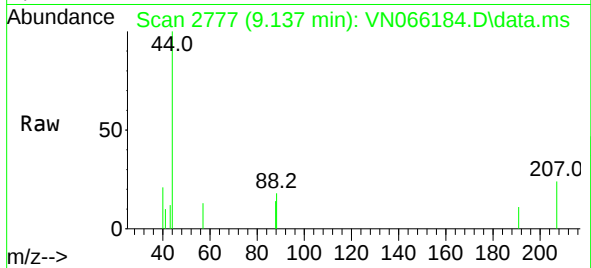
Tgt Ion: 117 Resp: 41102
Ion Ratio Lower Upper
117 100
119 5.4 74.6 111.8#
121 0.0 23.9 35.9#



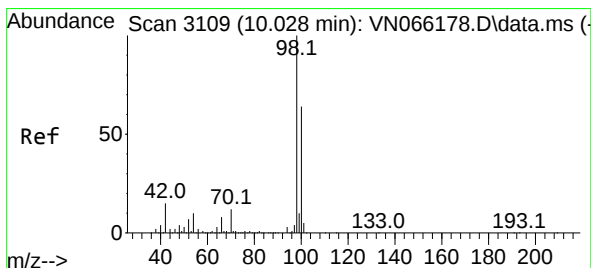
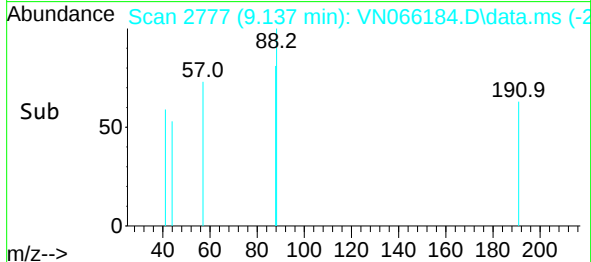
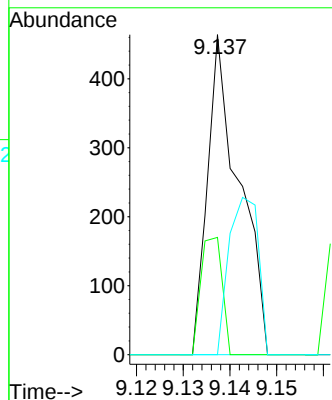


#49
1,4-Dioxane
Concen: 2.54 ug/l
RT: 9.137 min Scan# 2777
Delta R.T. -0.006 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54

Instrument :
MSVOA_N
ClientSampled :

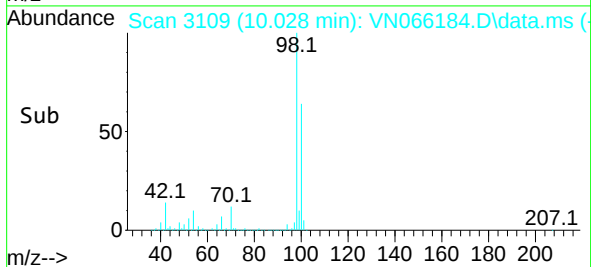
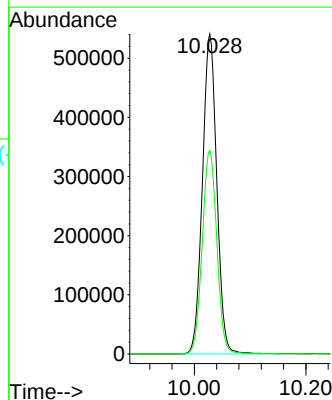
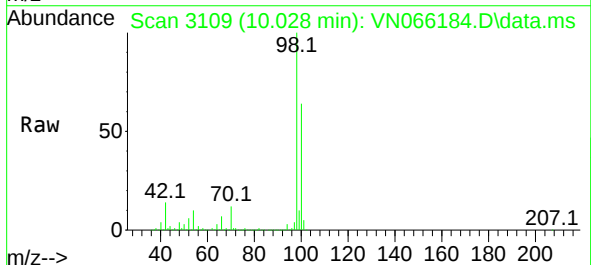


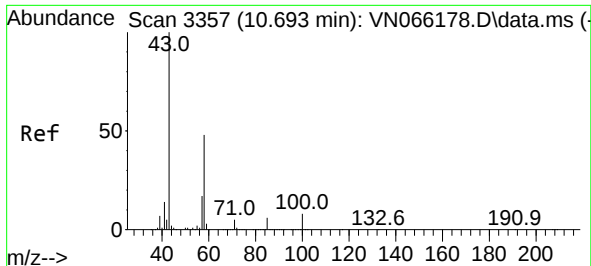
Tgt Ion: 88 Resp: 218
Ion Ratio Lower Upper
88 100
43 24.8 34.4 51.6#
58 45.9 67.3 100.9#



#50
Toluene-d8
Concen: 51.73 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.002 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54

Tgt Ion: 98 Resp: 967875
Ion Ratio Lower Upper
98 100
100 64.5 51.0 76.6

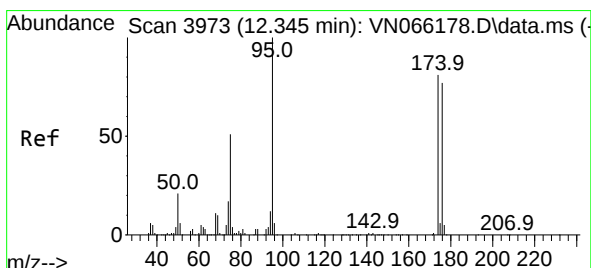
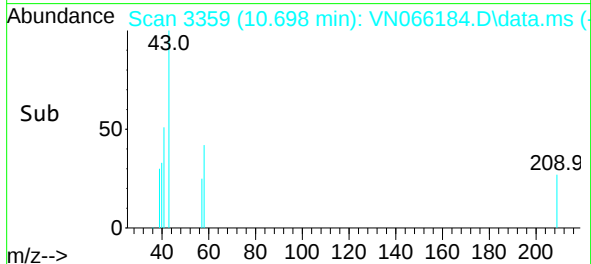
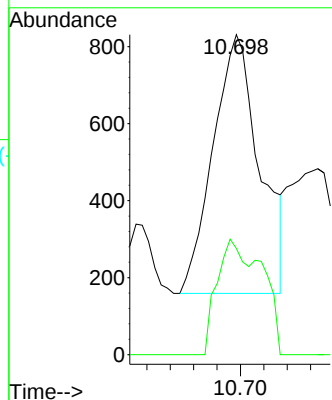
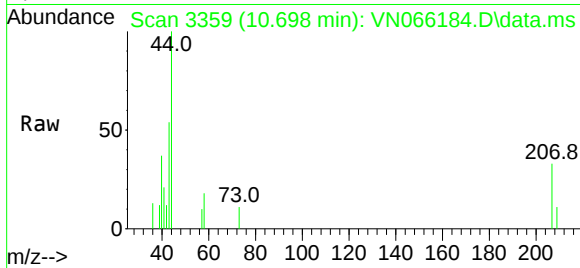




#59
2-Hexanone
Concen: Below Cal
RT: 10.698 min Scan# 3359
Delta R.T. 0.005 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54

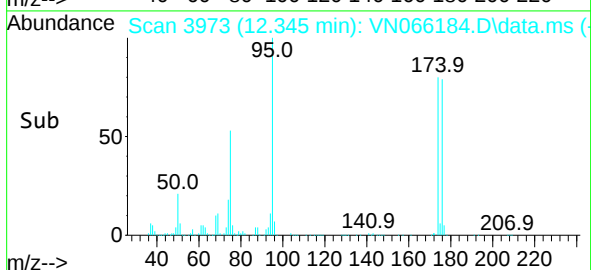
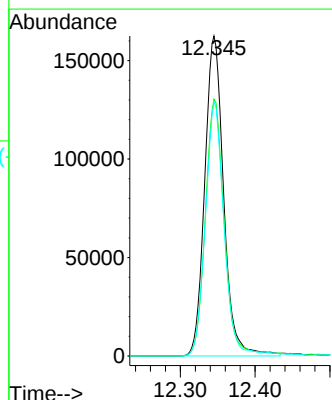
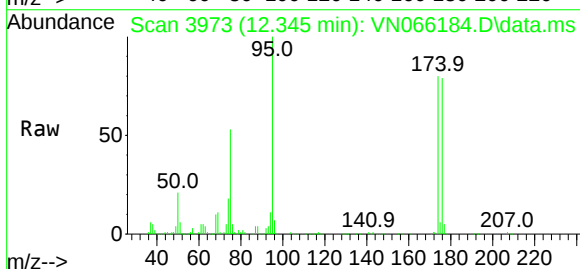
Instrument :
MSVOA_N
ClientSampled :

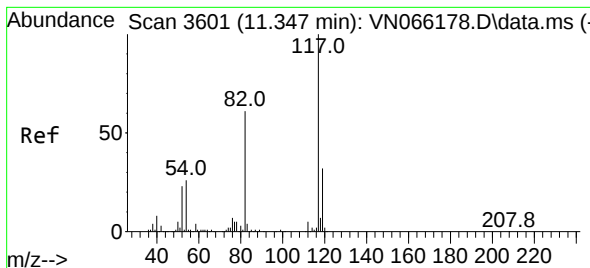
Tgt Ion: 43 Resp: 927
Ion Ratio Lower Upper
43 100
58 43.1 23.8 71.5



#62
4-Bromofluorobenzene
Concen: 41.54 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.003 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54

Tgt Ion: 95 Resp: 285923
Ion Ratio Lower Upper
95 100
174 79.7 0.0 162.4
176 78.0 0.0 156.2

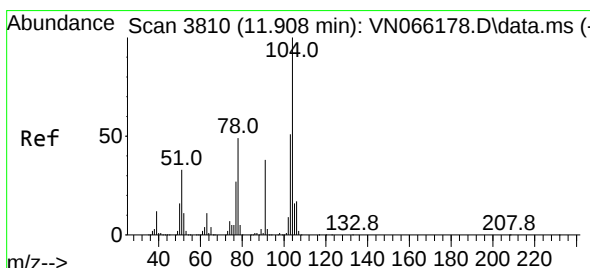
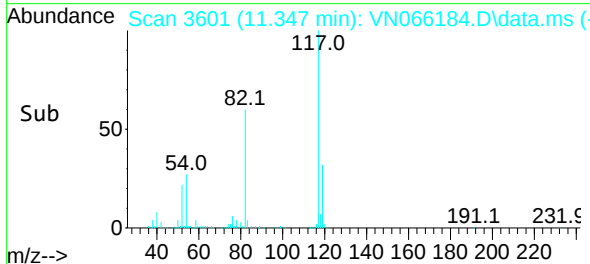
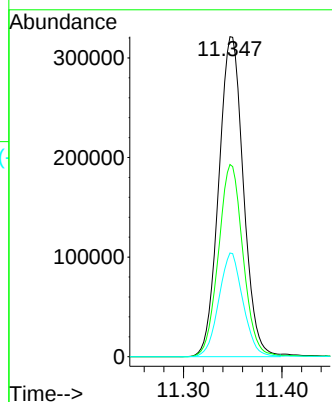
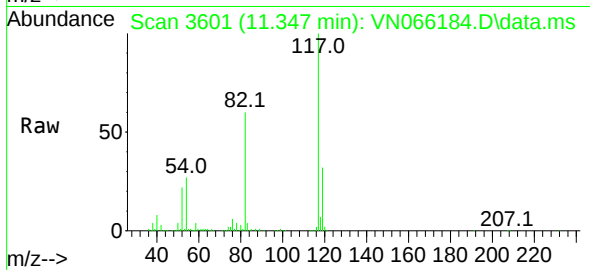




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54

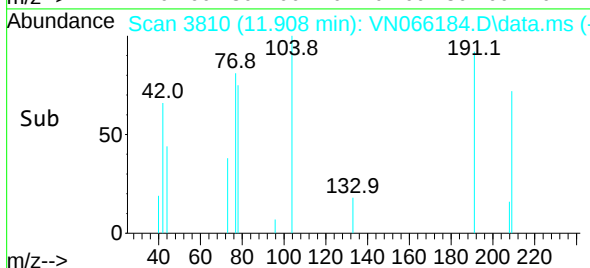
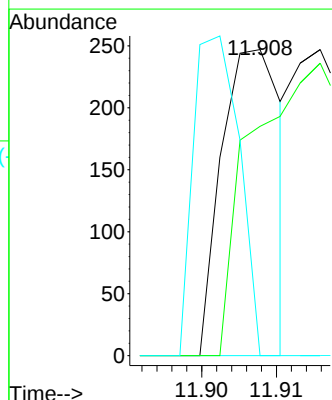
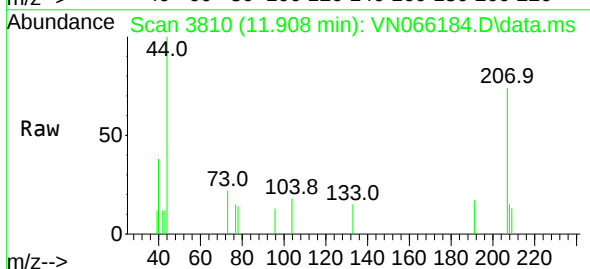
Instrument :
MSVOA_N
ClientSampleId :

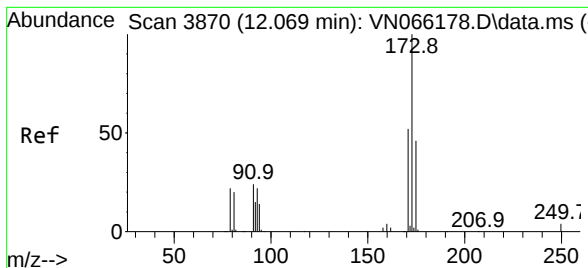
Tgt Ion:117 Resp: 559118
Ion Ratio Lower Upper
117 100
82 60.0 49.0 73.6
119 32.4 25.7 38.5



#70
Styrene
Concen: 2.77 ug/l
RT: 11.908 min Scan# 3810
Delta R.T. -0.000 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54

Tgt Ion:104 Resp: 138
Ion Ratio Lower Upper
104 100
78 141.3 43.8 65.6#
103 79.7 43.7 65.5#

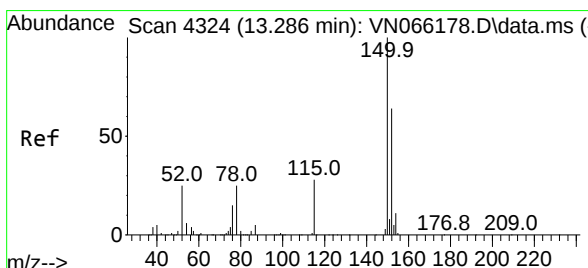
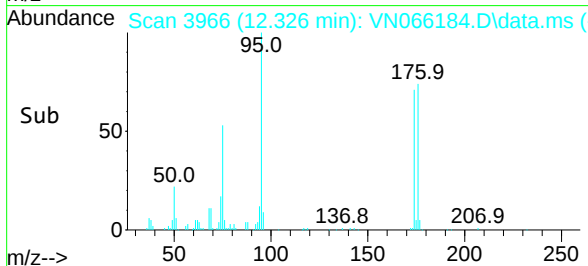
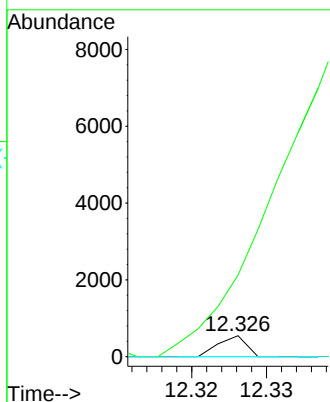
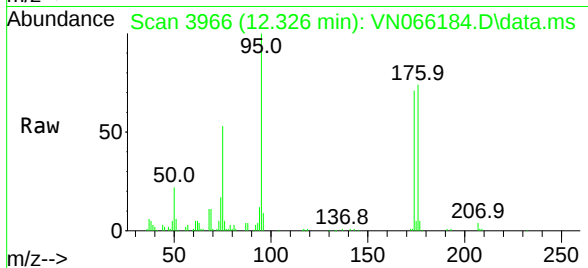




#71
Bromoform
Concen: 2.91 ug/l
RT: 12.326 min Scan# 3966
Delta R.T. 0.255 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54

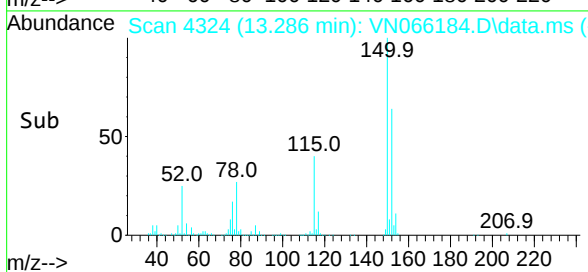
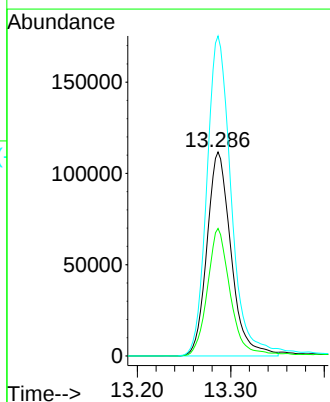
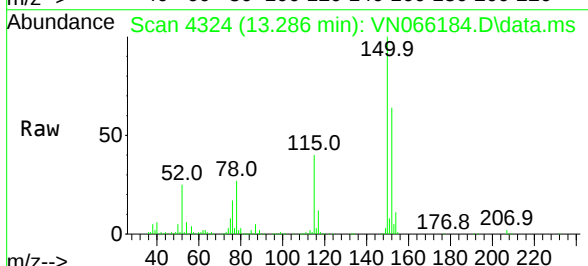
Instrument :
MSVOA_N
ClientSampleId :

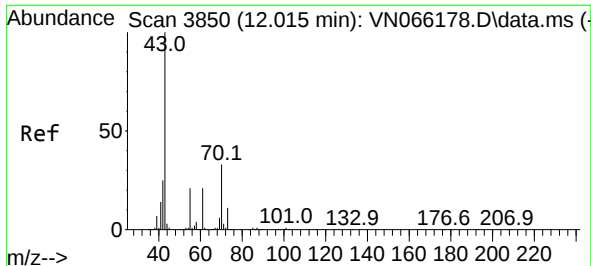
Tgt Ion:173 Resp: 142
Ion Ratio Lower Upper
173 100
175 10426.1 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. -0.003 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54

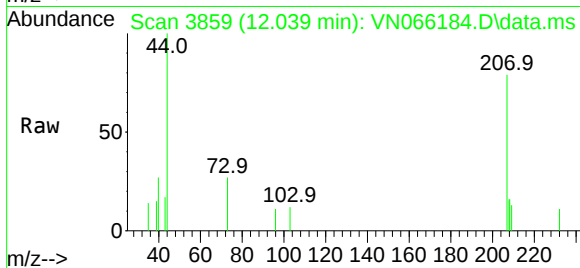
Tgt Ion:152 Resp: 200564
Ion Ratio Lower Upper
152 100
115 59.4 29.4 88.3
150 160.2 0.0 352.2



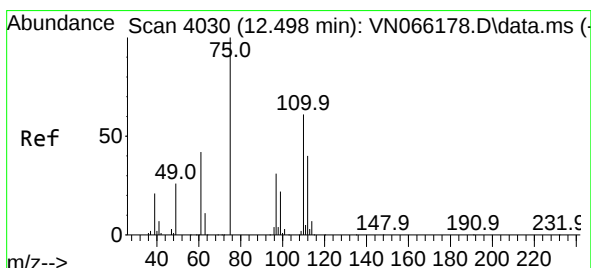
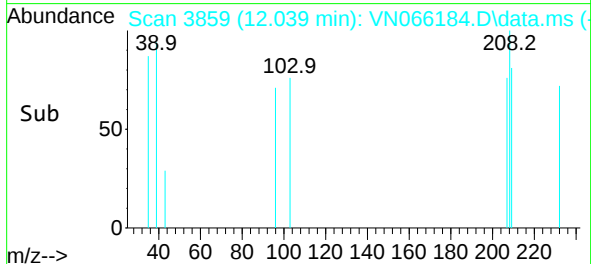
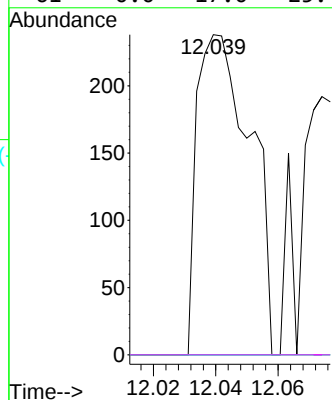


#74
N-amy1 acetate
Concen: 4.82 ug/l
RT: 12.039 min Scan# 3859
Delta R.T. 0.024 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54

Instrument :
MSVOA_N
ClientSampleId :

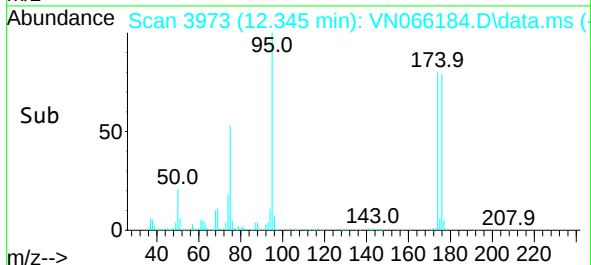
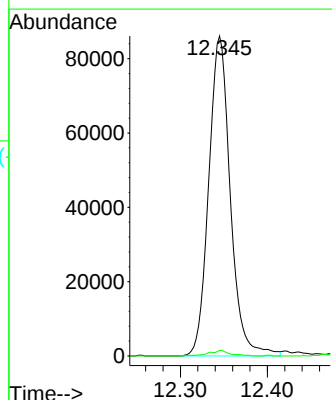
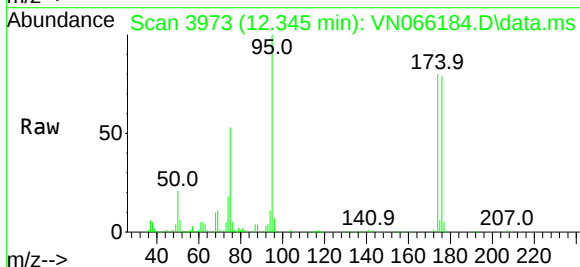


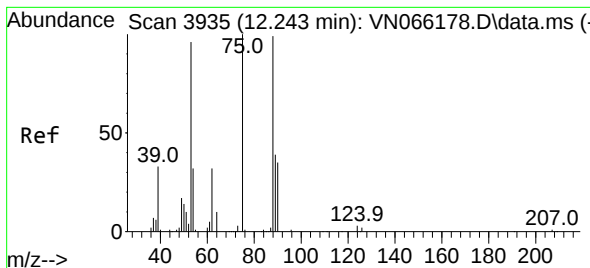
Tgt Ion: 43	Resp: 282
Ion Ratio	Lower Upper
43 100	
70 0.0	26.2 39.4#
55 0.0	17.2 25.8#
61 0.0	17.0 25.4#



#76
1,2,3-Trichloropropane
Concen: 31.43 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54

Tgt Ion: 75	Resp: 148565
Ion Ratio	Lower Upper
75 100	
77 1.7	0.0 0.0#

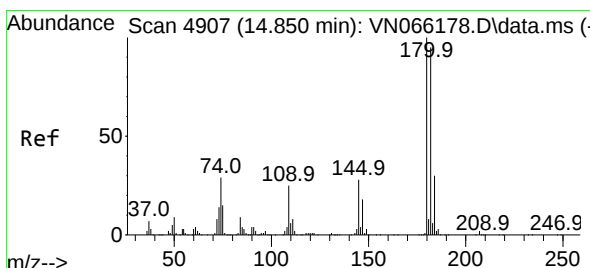
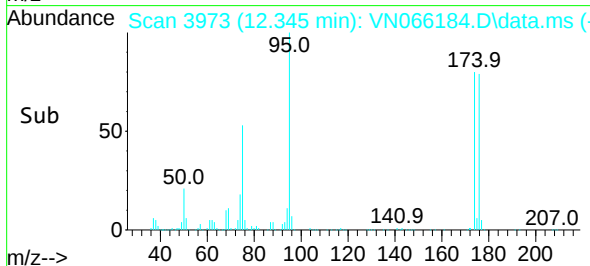
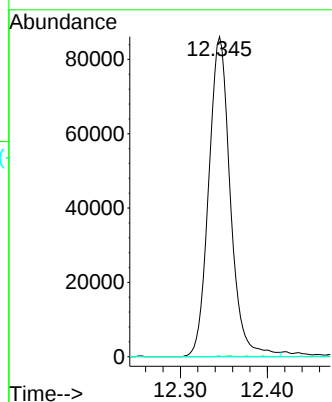
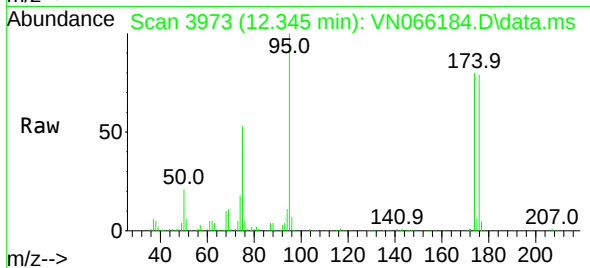




#81
trans-1,4-Dichloro-2-butene
Concen: 82.77 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.099 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54

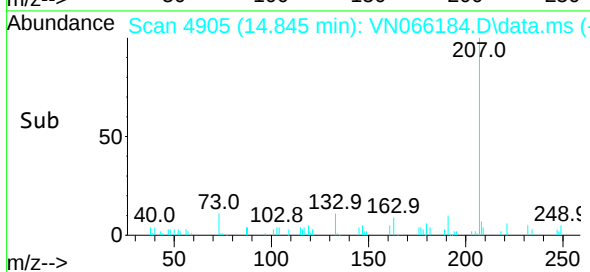
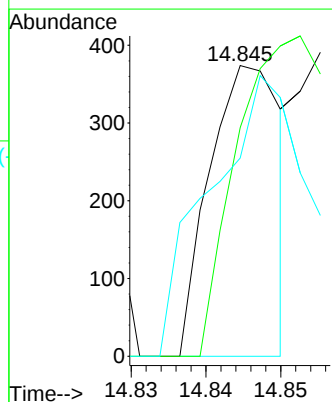
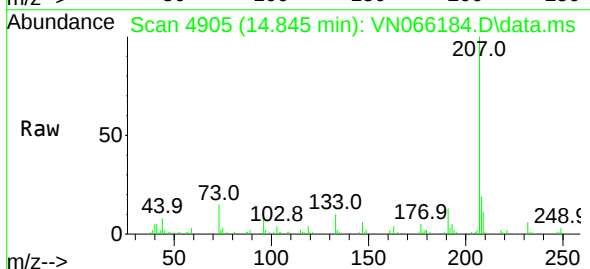
Instrument :
MSVOA_N
ClientSampleId :

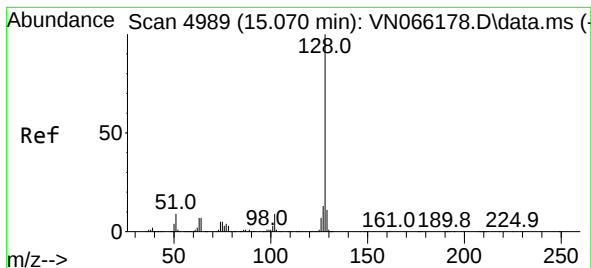
Tgt Ion: 75 Resp: 148565
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.6#
89 0.0 33.7 50.5#



#93
1,2,4-Trichlorobenzene
Concen: 2.83 ug/l
RT: 14.845 min Scan# 4905
Delta R.T. -0.005 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54

Tgt Ion:180 Resp: 248
Ion Ratio Lower Upper
180 100
182 158.5 47.4 142.2#
145 138.7 14.1 42.3#

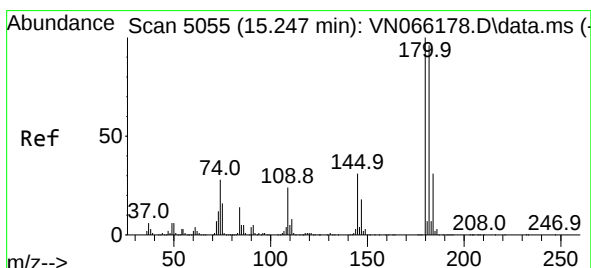
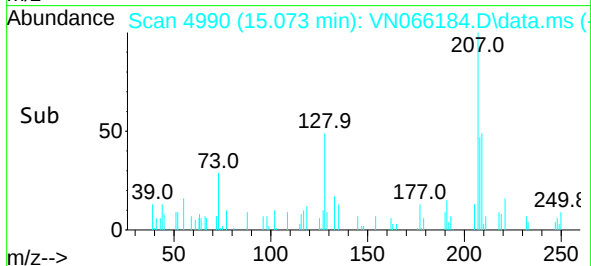
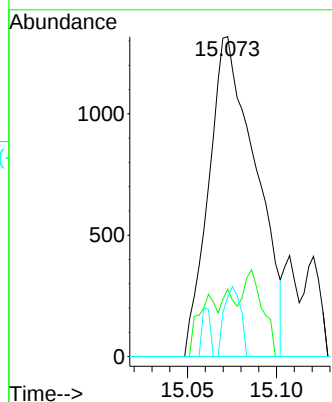
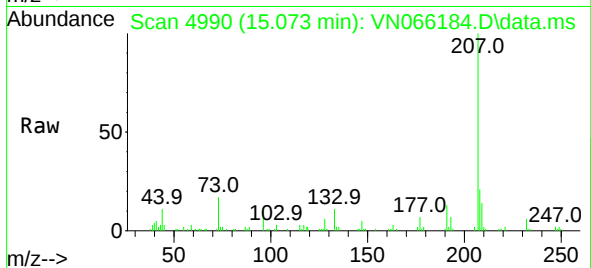




#95
Naphthalene
Concen: 2.23 ug/l
RT: 15.073 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 2425
Ion Ratio Lower Upper
128 100
127 6.3 10.3 15.5#
129 7.6 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 1.95 ug/l
RT: 15.239 min Scan# 5052
Delta R.T. -0.008 min
Lab File: VN066184.D
Acq: 12 Mar 2021 14:54

Tgt Ion:180 Resp: 275
Ion Ratio Lower Upper
180 100
182 89.5 47.9 143.8
145 58.2 15.6 46.8#

