

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012521\
 Data File : VN065586.D
 Acq On : 25 Jan 2021 18:59
 Operator : JC/MD
 Sample : M1157-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Jan 26 01:49:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

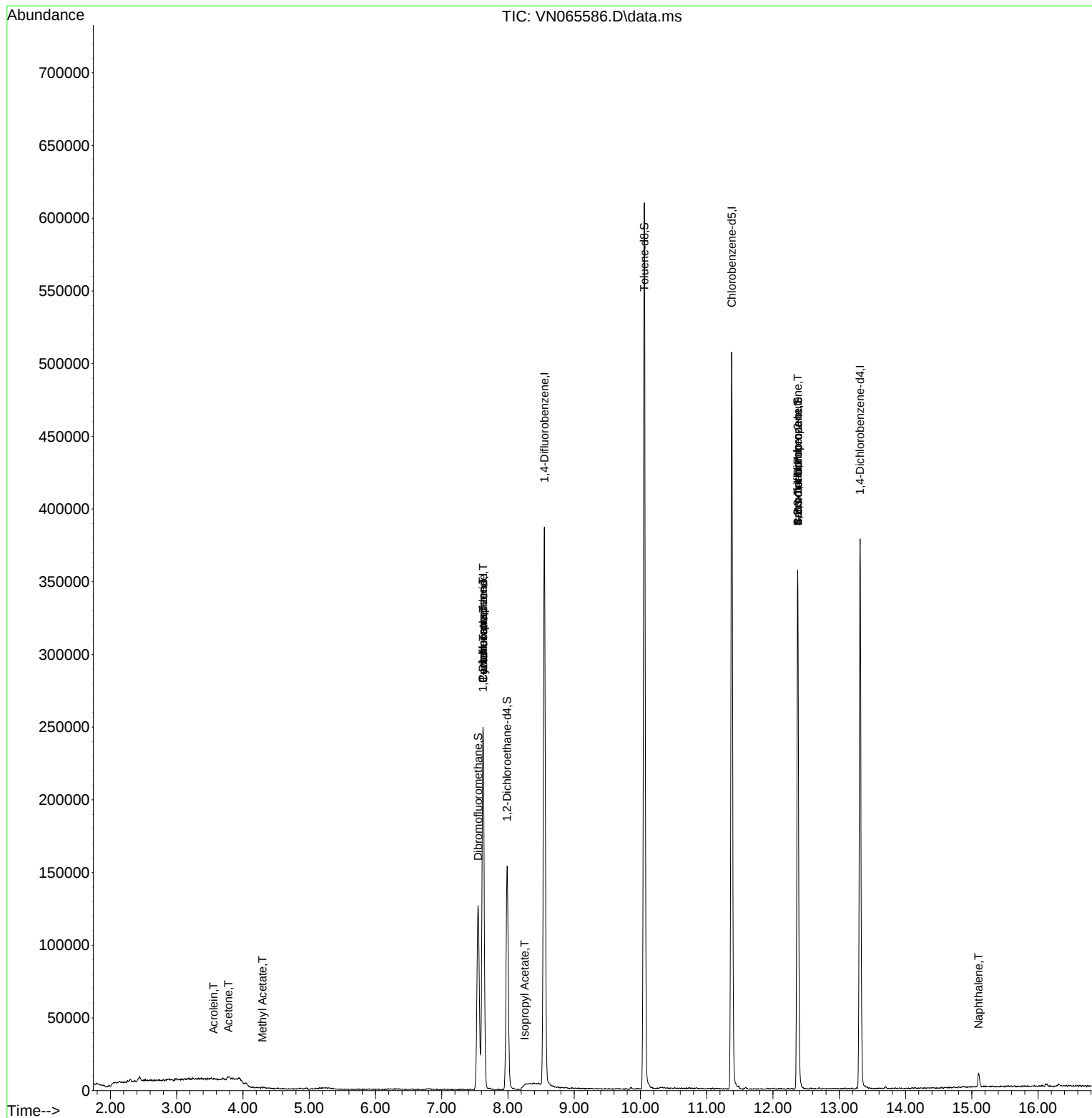
Internal Standards						
1) Pentafluorobenzene	7.624	168	203263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	351857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	302813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	108187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	128658	48.11	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.22%		
35) Dibromofluoromethane	7.550	113	103069	49.43	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.86%		
50) Toluene-d8	10.058	98	435350	53.12	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.24%		
62) 4-Bromofluorobenzene	12.373	95	144155	48.84	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.68%		
Target Compounds						
					Qvalue	
13) Acrolein	3.557	56	43	18.18	ug/l #	41
16) Acetone	3.779	43	3124	3.00	ug/l	97
18) Methyl Acetate	4.293	43	690	0.24	ug/l #	51
31) Cyclohexane	7.624	56	4355	0.87	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	17096	4.83	ug/l #	47
38) Carbon Tetrachloride	7.624	117	19500	6.69	ug/l #	16
43) Isopropyl Acetate	8.251	43	3188	0.53	ug/l #	53
71) Bromoform	12.373	173	664	0.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	68089	24.07	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	68089	61.65	ug/l #	12
95) Naphthalene	15.103	128	10780	4.88	ug/l	97

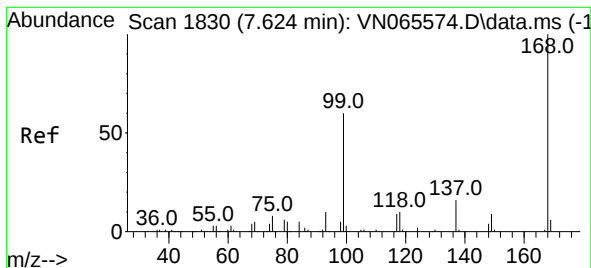
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012521\
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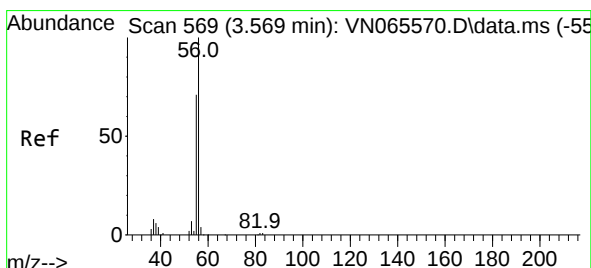
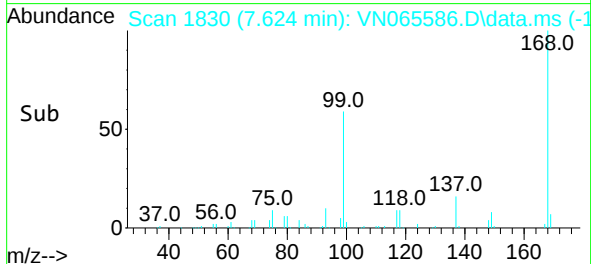
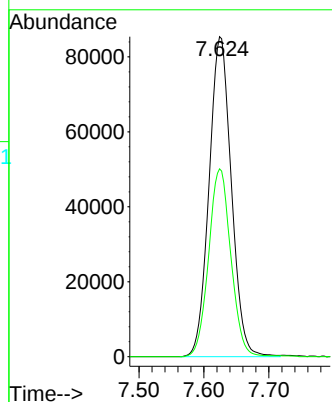
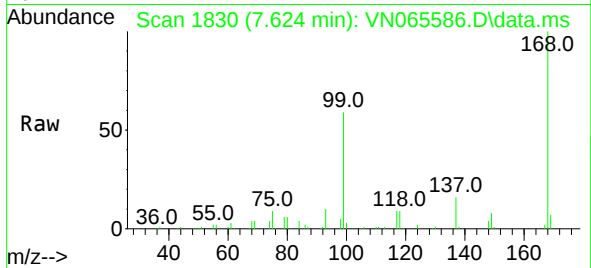




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065586.D
Acq: 25 Jan 2021 18:59

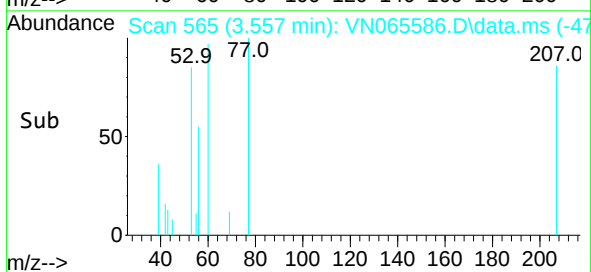
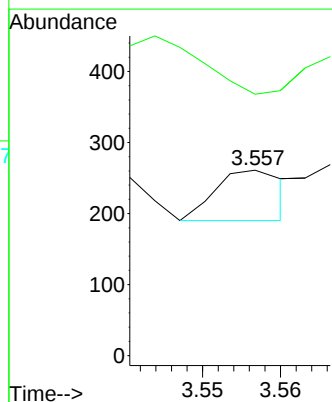
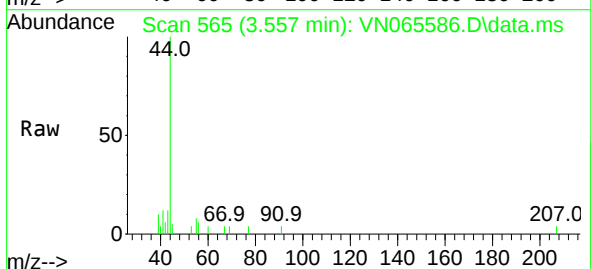
Instrument :
MSVOA_N
ClientSampled :
MW-4

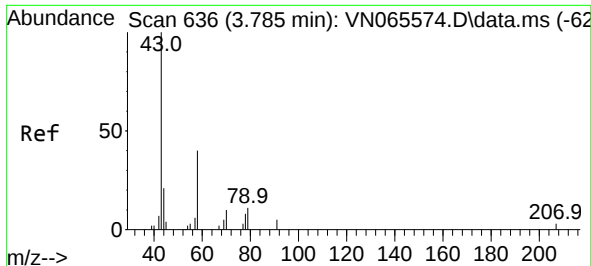
Tgt Ion:168 Resp: 203263
Ion Ratio Lower Upper
168 100
99 58.7 42.6 63.8



#13
Acrolein
Concen: 18.18 ug/l
RT: 3.557 min Scan# 565
Delta R.T. -0.012 min
Lab File: VN065586.D
Acq: 25 Jan 2021 18:59

Tgt Ion: 56 Resp: 43
Ion Ratio Lower Upper
56 100
55 118.6 56.0 84.0#

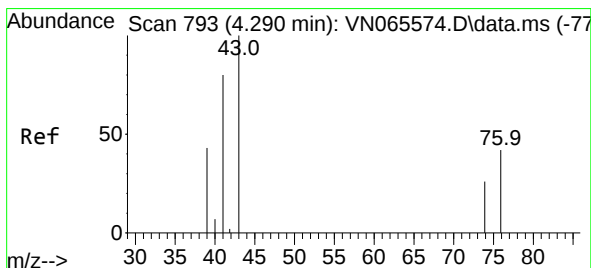
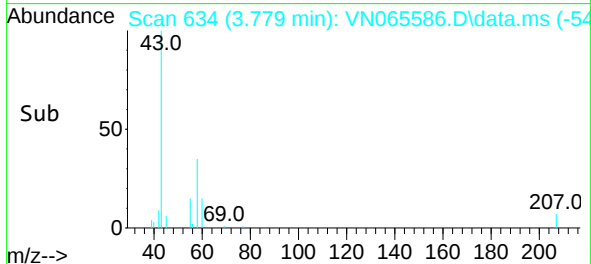
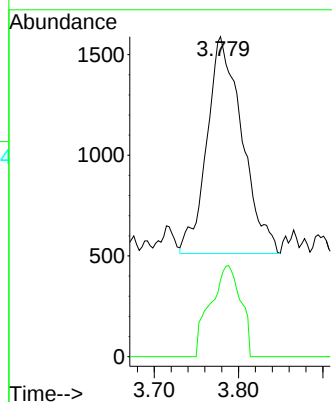
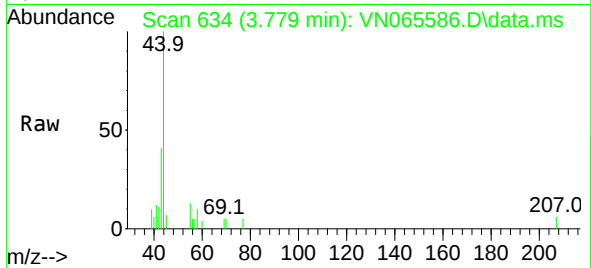




#16
Acetone
Concen: 3.00 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065586.D
Acq: 25 Jan 2021 18:59

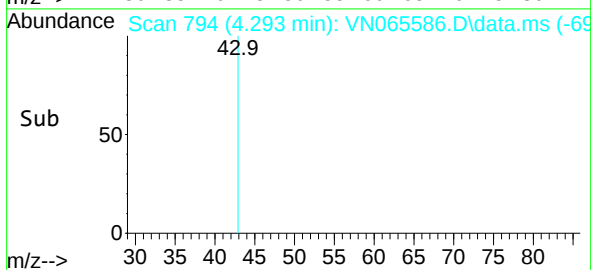
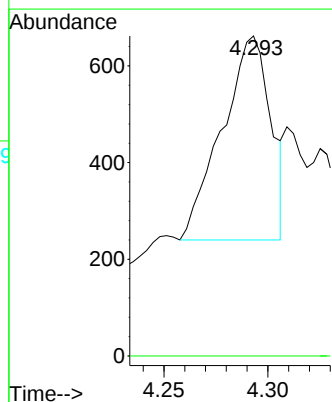
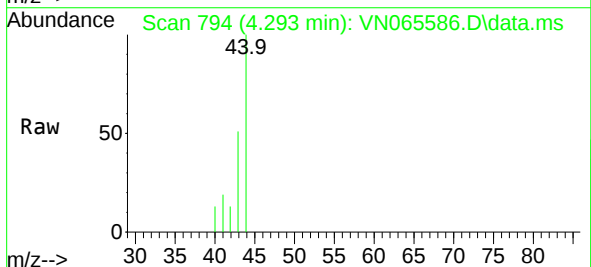
Instrument :
MSVOA_N
ClientSampleId :
MW-4

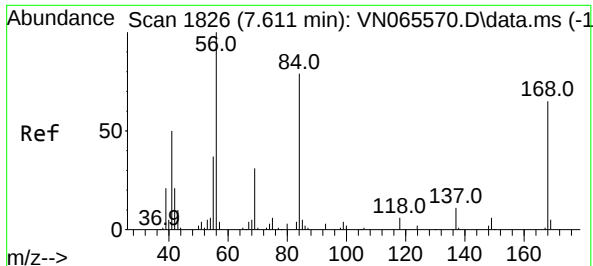
Tgt Ion: 43 Resp: 3124
Ion Ratio Lower Upper
43 100
58 35.4 27.0 40.6



#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.010 min
Lab File: VN065586.D
Acq: 25 Jan 2021 18:59

Tgt Ion: 43 Resp: 690
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

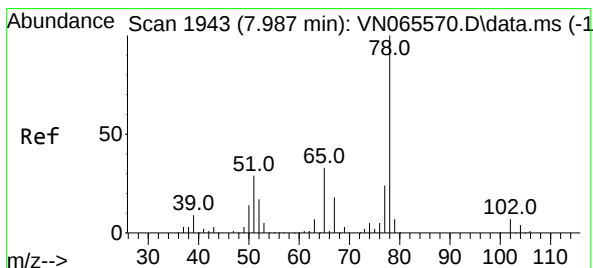
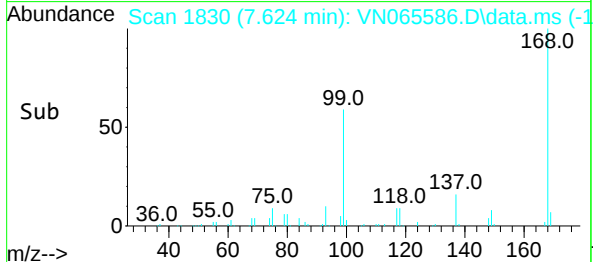
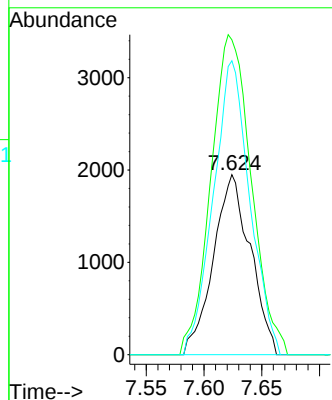
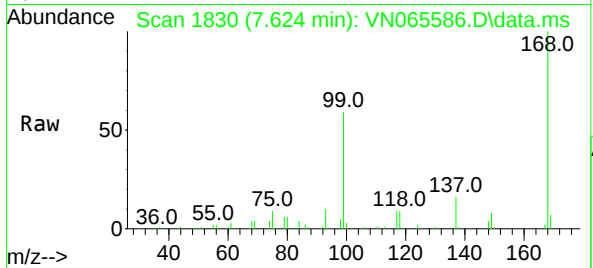




#31
Cyclohexane
Concen: 0.87 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065586.D
Acq: 25 Jan 2021 18:59

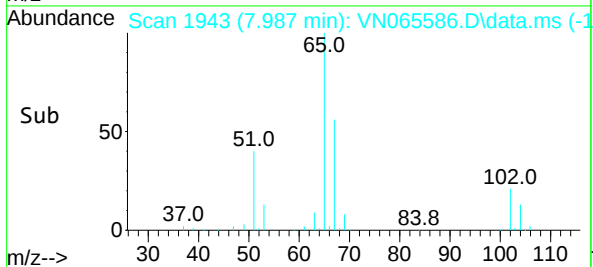
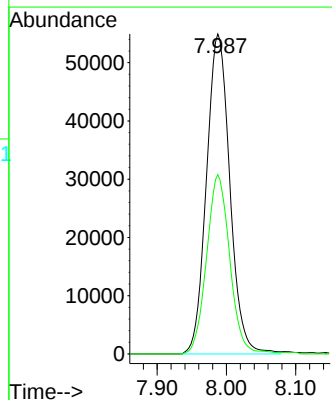
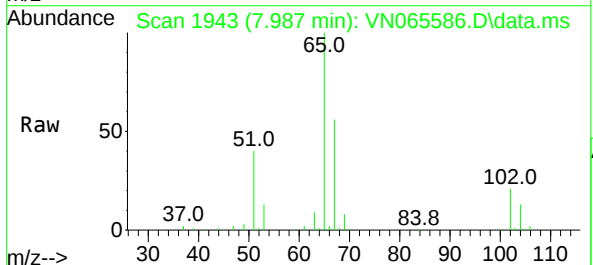
Instrument :
MSVOA_N
ClientSampleId :
MW-4

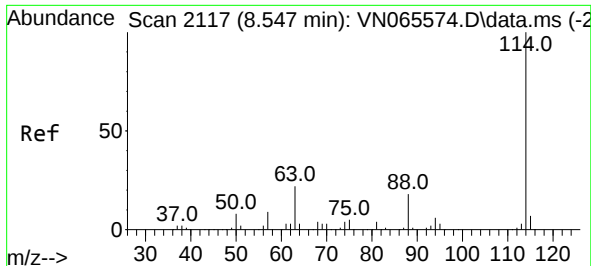
Tgt Ion: 56 Resp: 4355
Ion Ratio Lower Upper
56 100
69 175.0 26.6 39.8#
84 163.4 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 48.11 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065586.D
Acq: 25 Jan 2021 18:59

Tgt Ion: 65 Resp: 128658
Ion Ratio Lower Upper
65 100
67 55.5 0.0 107.2

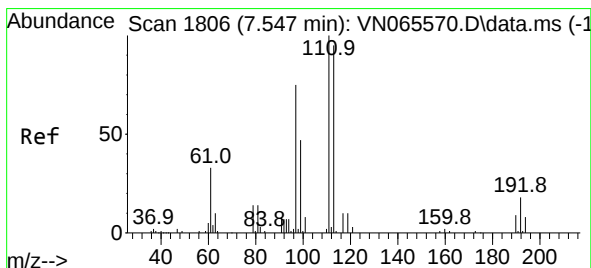
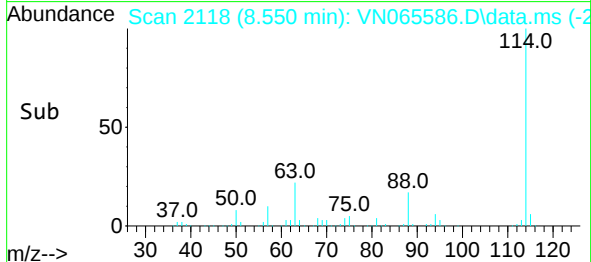
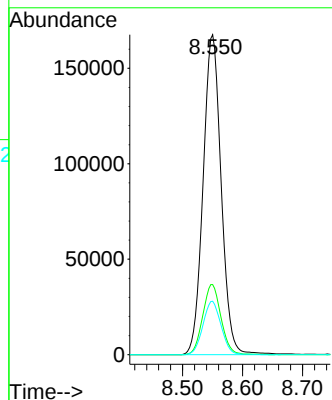
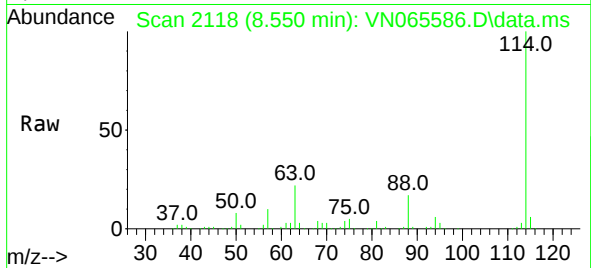




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065586.D
Acq: 25 Jan 2021 18:59

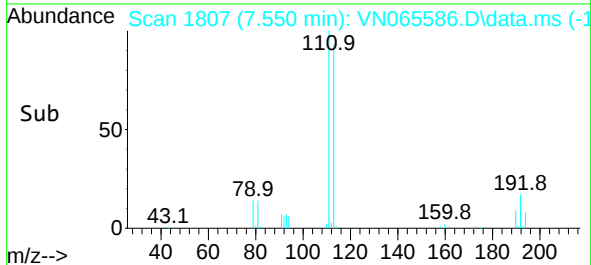
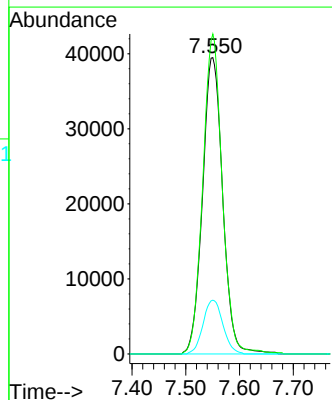
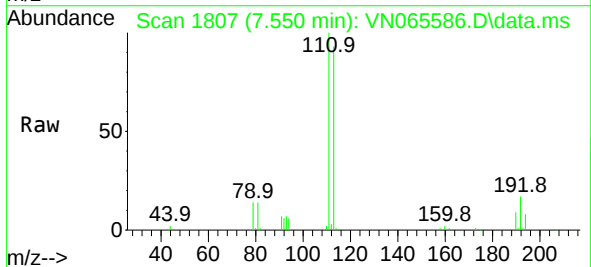
Instrument :
MSVOA_N
ClientSampleId :
MW-4

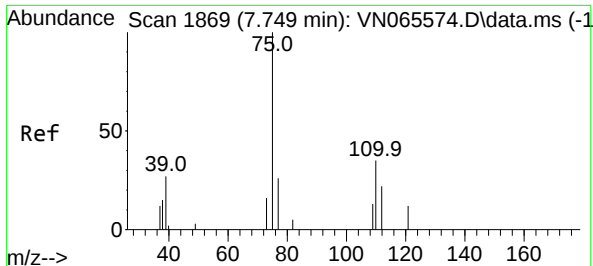
Tgt Ion:114 Resp: 351857
Ion Ratio Lower Upper
114 100
63 21.9 0.0 38.6
88 16.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.43 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065586.D
Acq: 25 Jan 2021 18:59

Tgt Ion:113 Resp: 103069
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 17.9 15.4 23.0



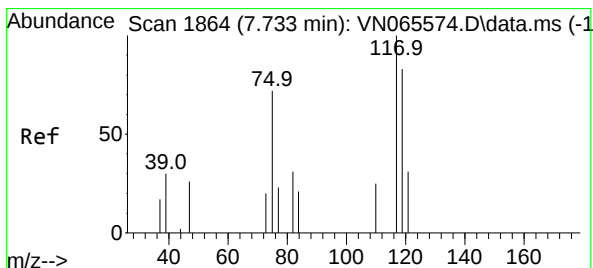
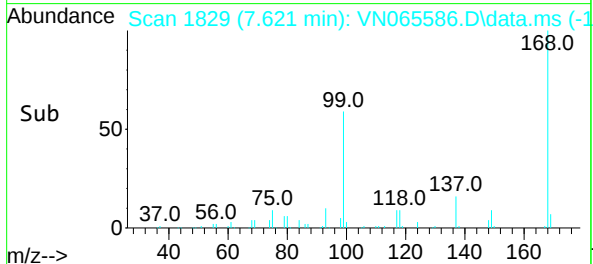
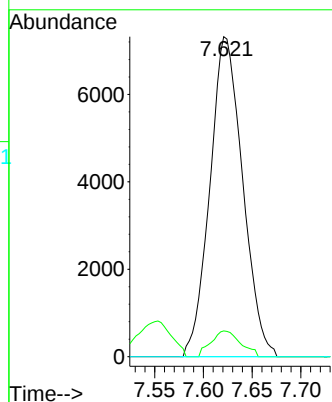
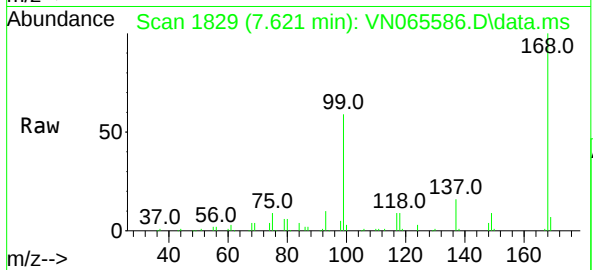


#36

1,1-Dichloropropene
Concen: 4.83 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065586.D
Acq: 25 Jan 2021 18:59

Instrument :
MSVOA_N
ClientSampled :
MW-4

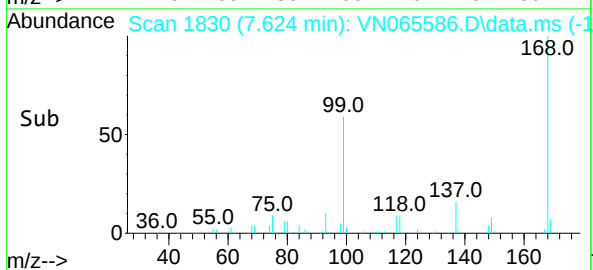
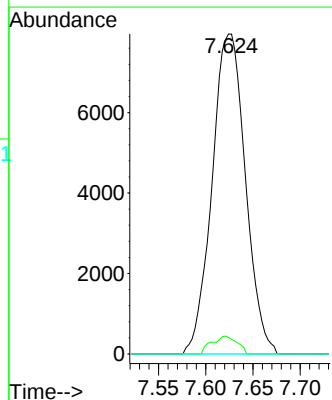
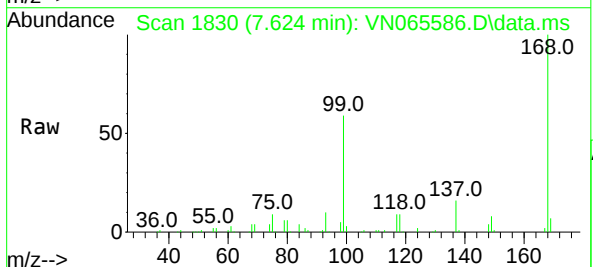
Tgt Ion: 75 Resp: 17096
Ion Ratio Lower Upper
75 100
110 7.2 18.2 54.6#
77 0.0 24.9 37.3#

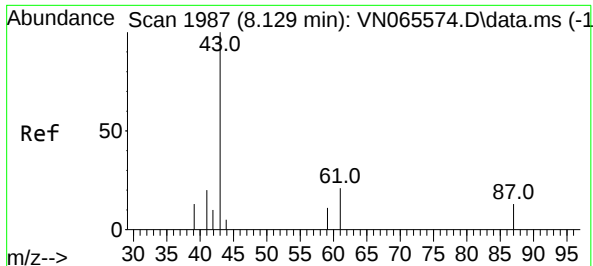


#38

Carbon Tetrachloride
Concen: 6.69 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065586.D
Acq: 25 Jan 2021 18:59

Tgt Ion: 117 Resp: 19500
Ion Ratio Lower Upper
117 100
119 5.2 76.0 114.0#
121 0.0 24.5 36.7#





#43

Isopropyl Acetate

Concen: 0.53 ug/l

RT: 8.251 min Scan# 2025

Delta R.T. 0.122 min

Lab File: VN065586.D

Acq: 25 Jan 2021 18:59

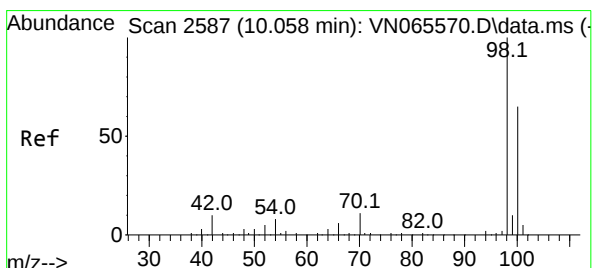
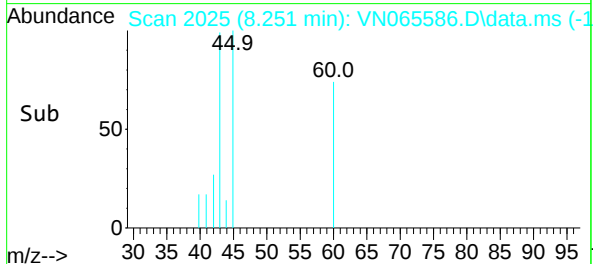
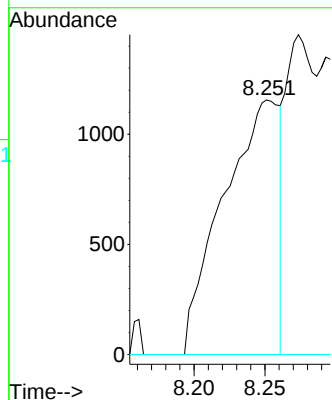
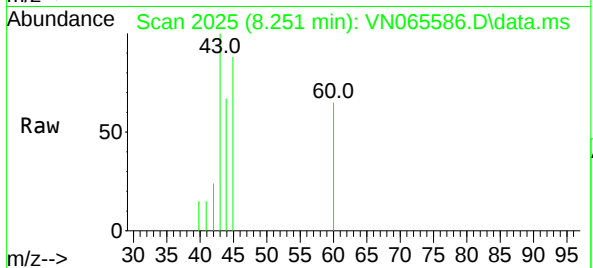
Tgt Ion: 43 Resp: 3188

Ion Ratio Lower Upper

43 100

61 0.0 22.5 33.7#

87 0.0 11.1 16.7#



#50

Toluene-d8

Concen: 53.12 ug/l

RT: 10.058 min Scan# 2587

Delta R.T. 0.000 min

Lab File: VN065586.D

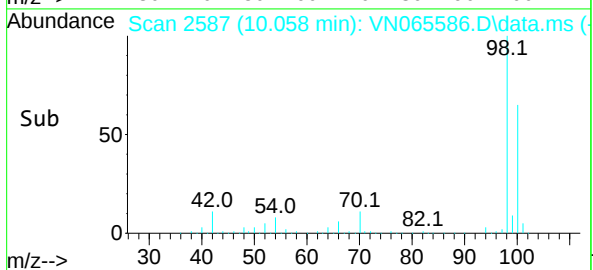
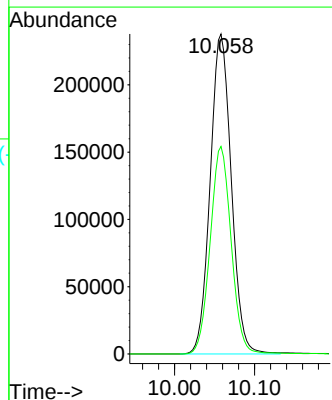
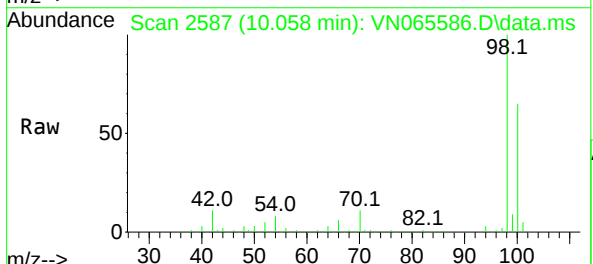
Acq: 25 Jan 2021 18:59

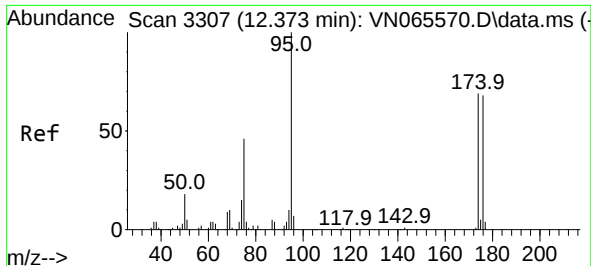
Tgt Ion: 98 Resp: 435350

Ion Ratio Lower Upper

98 100

100 64.6 50.5 75.7

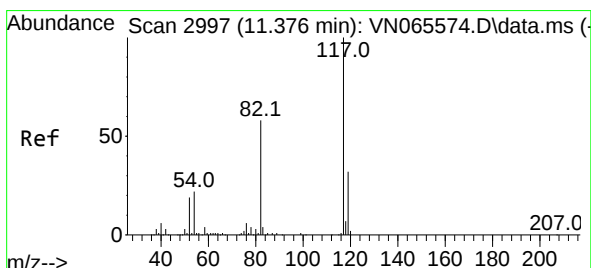
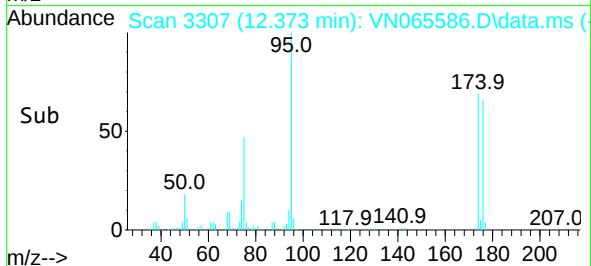
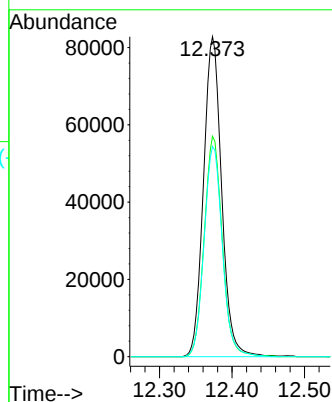
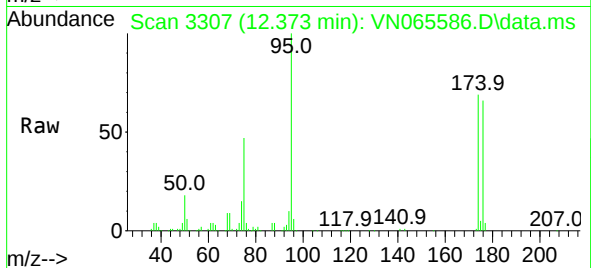




#62
4-Bromofluorobenzene
Concen: 48.84 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065586.D
Acq: 25 Jan 2021 18:59

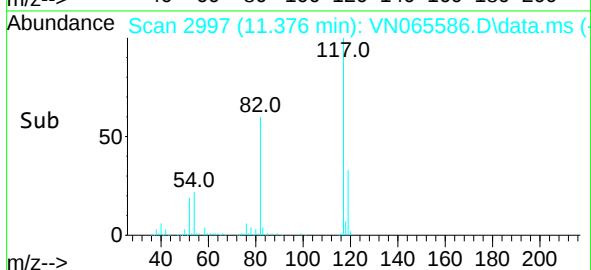
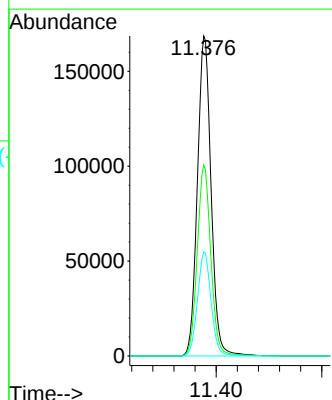
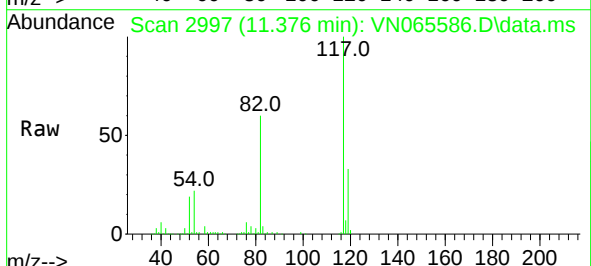
Instrument :
MSVOA_N
ClientSampled :
MW-4

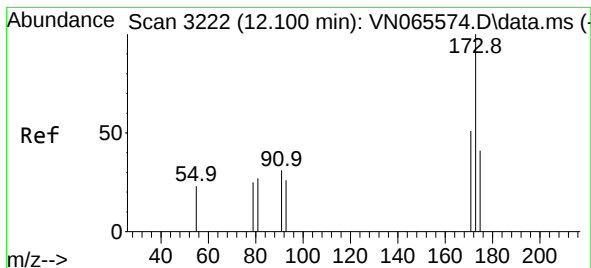
Tgt Ion: 95 Resp: 144155
Ion Ratio Lower Upper
95 100
174 68.3 0.0 169.0
176 66.1 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065586.D
Acq: 25 Jan 2021 18:59

Tgt Ion: 117 Resp: 302813
Ion Ratio Lower Upper
117 100
82 59.7 43.7 65.5
119 32.5 26.1 39.1





#71

Bromoform

Concen: 0.43 ug/l

RT: 12.373 min Scan# 3307

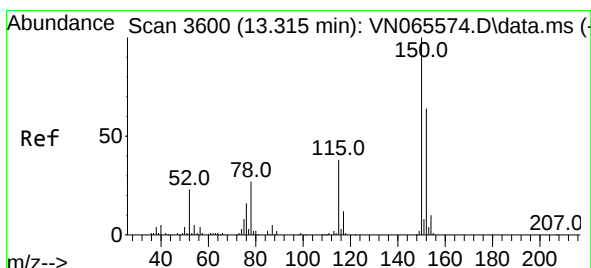
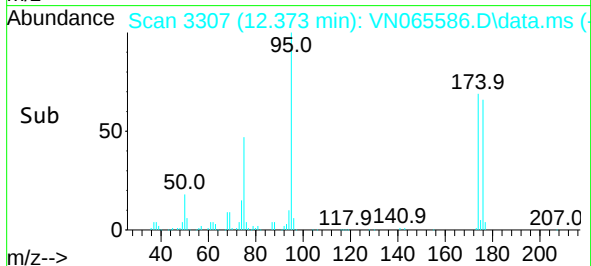
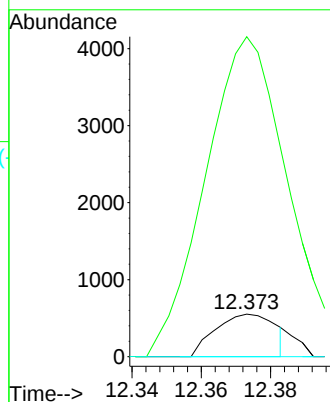
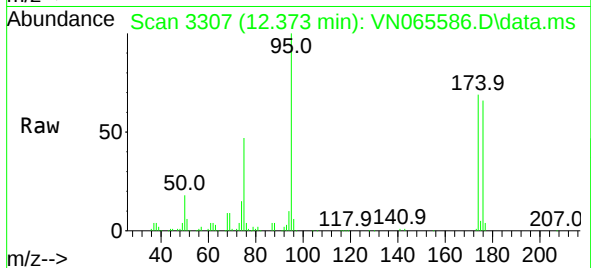
Delta R.T. 0.277 min

Lab File: VN065586.D

Acq: 25 Jan 2021 18:59

Tgt Ion:	173	Resp:	664
Ion Ratio	Lower	Upper	
173	100		
175	866.0	23.8	71.2#
254	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampled :
MW-4



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

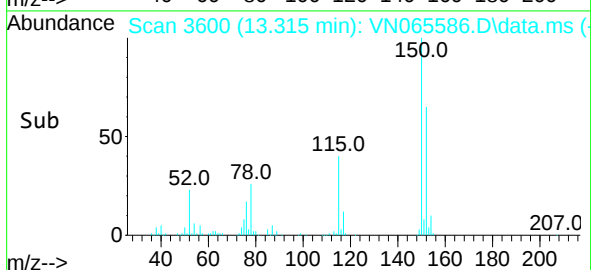
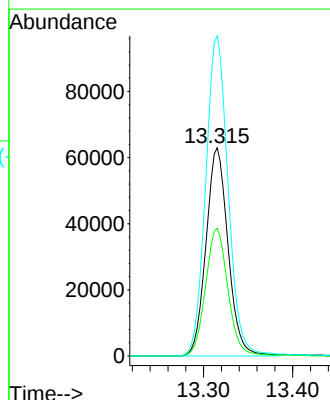
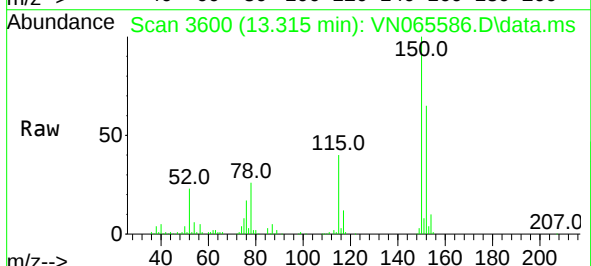
RT: 13.315 min Scan# 3600

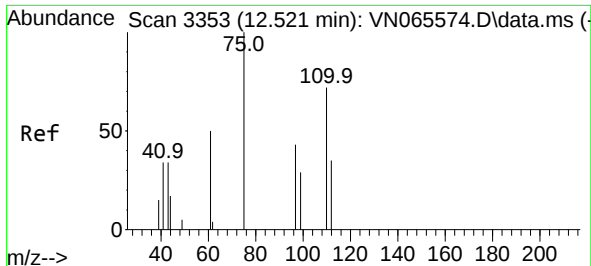
Delta R.T. 0.003 min

Lab File: VN065586.D

Acq: 25 Jan 2021 18:59

Tgt Ion:	152	Resp:	108187
Ion Ratio	Lower	Upper	
152	100		
115	62.4	28.5	85.6
150	156.5	0.0	347.6

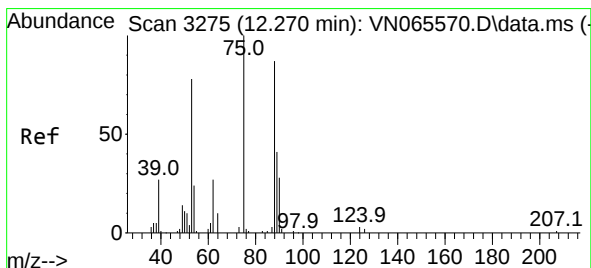
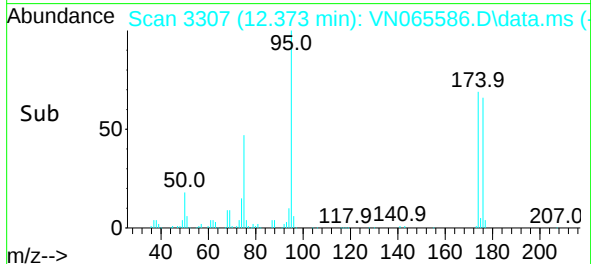
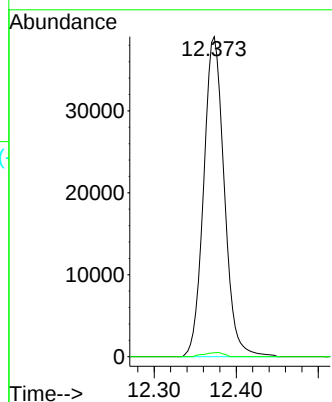
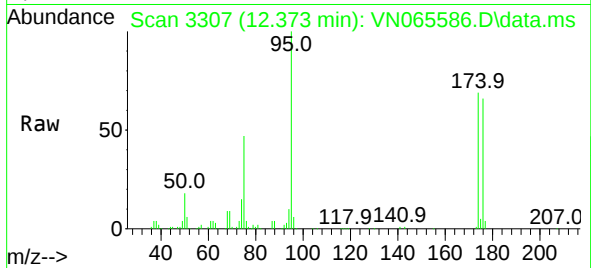




#76
1,2,3-Trichloropropane
Concen: 24.07 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065586.D
Acq: 25 Jan 2021 18:59

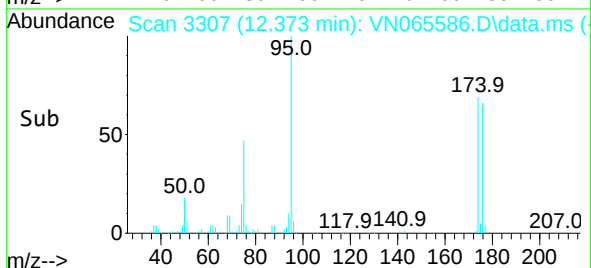
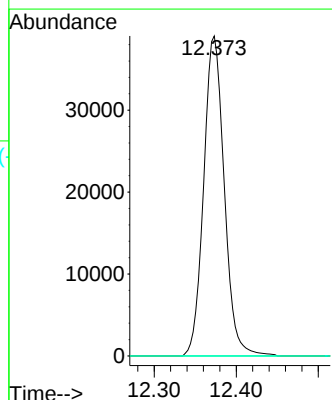
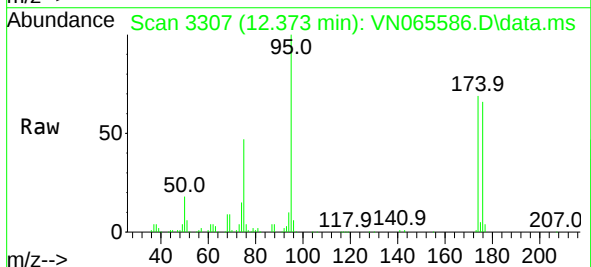
Instrument :
MSVOA_N
ClientSampled :
MW-4

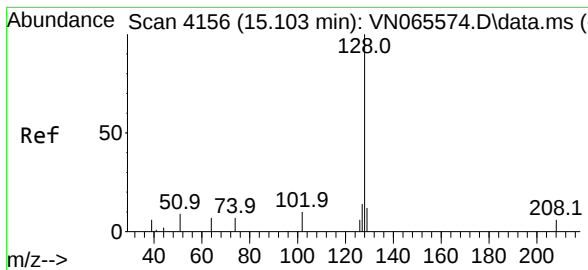
Tgt Ion: 75 Resp: 68089
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.65 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065586.D
Acq: 25 Jan 2021 18:59

Tgt Ion: 75 Resp: 68089
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#





#95
 Naphthalene
 Concen: 4.88 ug/l
 RT: 15.103 min Scan# 4156
 Delta R.T. 0.003 min
 Lab File: VN065586.D
 Acq: 25 Jan 2021 18:59

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Tgt Ion:128	Resp:	10780
Ion	Ratio	Lower Upper
128	100	
127	11.0	10.2 15.2
129	10.0	8.6 13.0

