

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021621\
 Data File : VN065892.D
 Acq On : 16 Feb 2021 23:04
 Operator : JC/MD
 Sample : M1425-12 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WATER-COMP

Quant Time: Feb 17 00:16:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 15 10:57:01 2021
 Response via : Initial Calibration

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

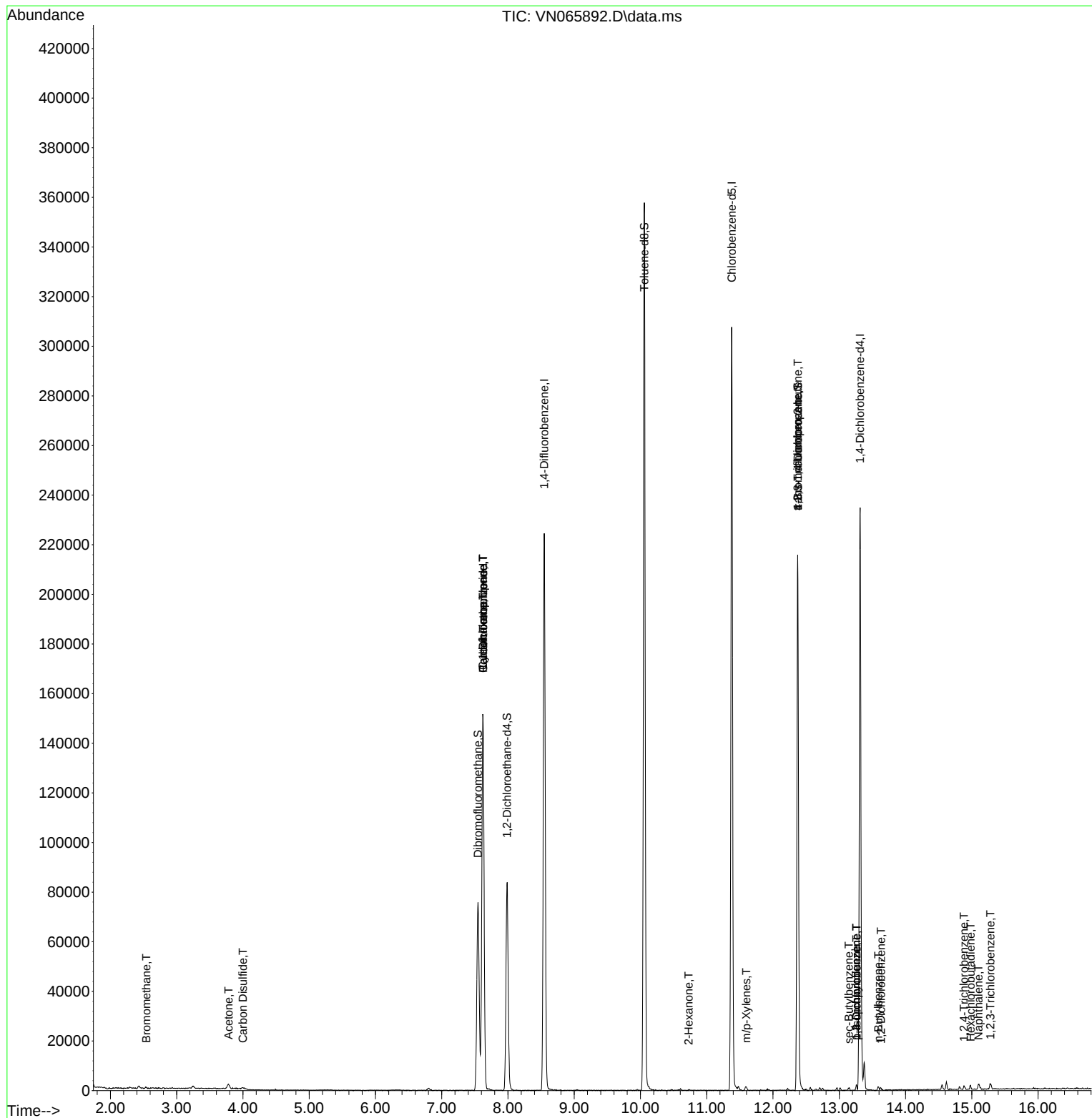
Internal Standards						
1) Pentafluorobenzene	7.624	168	131866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	218839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	194161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	73487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	70491	40.63	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	81.26%		
35) Dibromofluoromethane	7.547	113	61679	47.56	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.12%		
50) Toluene-d8	10.058	98	268374	52.65	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.30%		
62) 4-Bromofluorobenzene	12.373	95	86293	47.01	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.02%		
Target Compounds					Qvalue	
5) Bromomethane	2.544	94	272	0.21	ug/l #	81
16) Acetone	3.782	43	3124	4.63	ug/l	95
17) Carbon Disulfide	3.997	76	1612	0.32	ug/l #	74
31) Cyclohexane	7.621	56	2223	0.68	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	8854	4.02	ug/l #	47
38) Carbon Tetrachloride	7.624	117	11918	6.57	ug/l #	16
59) 2-Hexanone	10.727	43	296	0.21	ug/l #	23
68) m/p-Xylenes	11.598	106	761	0.28	ug/l	98
76) 1,2,3-Trichloropropane	12.373	75	37249	19.38	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	37249	49.65	ug/l #	12
85) sec-Butylbenzene	13.145	105	1351	0.22	ug/l	81
86) p-Isopropyltoluene	13.261	119	1226	0.23	ug/l	85
87) 1,3-Dichlorobenzene	13.261	146	653	0.26	ug/l	86
88) 1,4-Dichlorobenzene	13.261	146	653	0.26	ug/l	87
89) n-Butylbenzene	13.592	91	1391	0.28	ug/l #	73
91) 1,2-Dichlorobenzene	13.630	146	772	0.31	ug/l #	73
93) 1,2,4-Trichlorobenzene	14.881	180	891	3.92	ug/l #	89
94) Hexachlorobutadiene	14.984	225	416	0.90	ug/l	77
95) Naphthalene	15.103	128	3109	4.06	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.283	180	1197	3.61	ug/l #	87

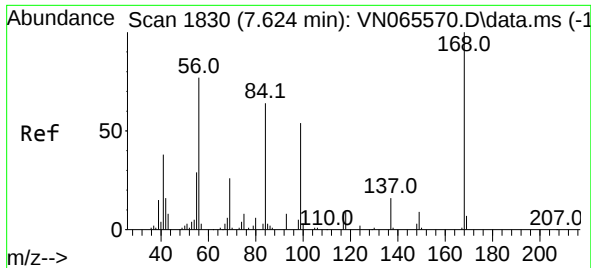
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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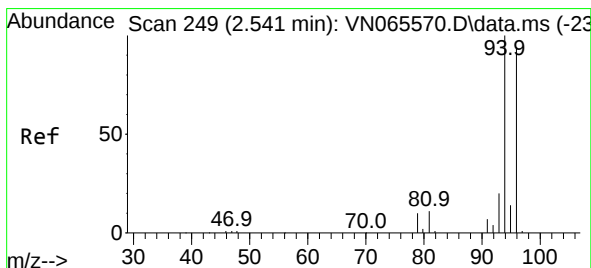
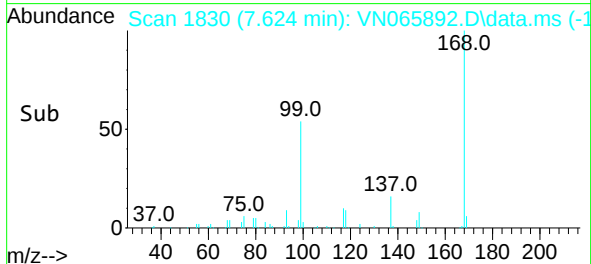
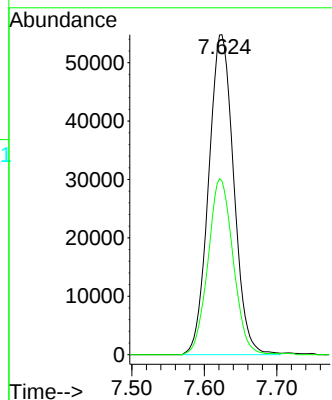
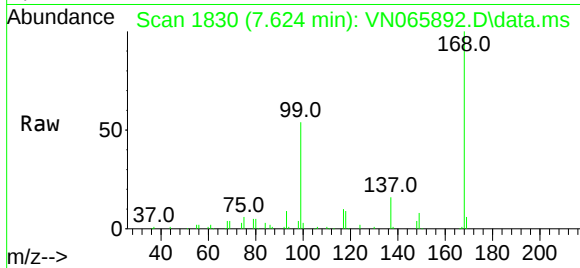




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

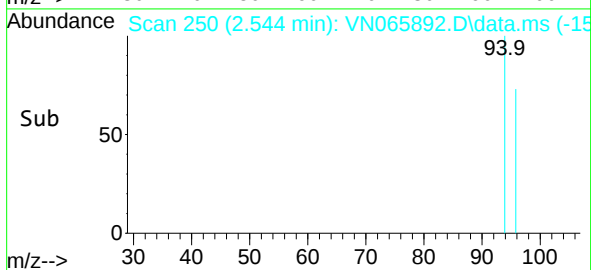
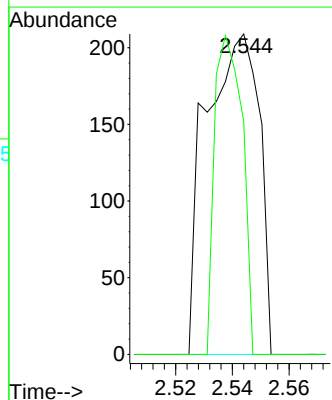
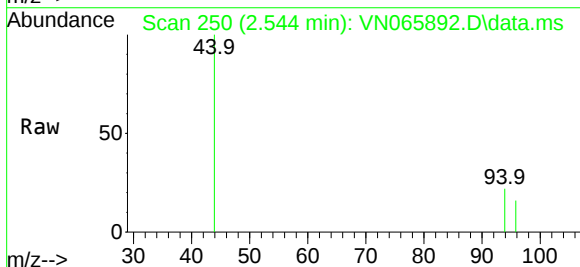
Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

Tgt Ion:168 Resp: 131866
Ion Ratio Lower Upper
168 100
99 54.3 42.6 63.8



#5
Bromomethane
Concen: 0.21 ug/l
RT: 2.544 min Scan# 250
Delta R.T. 0.003 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

Tgt Ion: 94 Resp: 272
Ion Ratio Lower Upper
94 100
96 72.7 73.0 109.4#

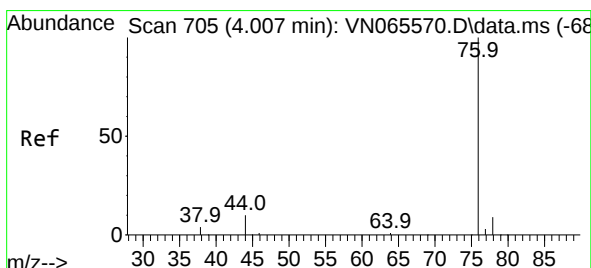
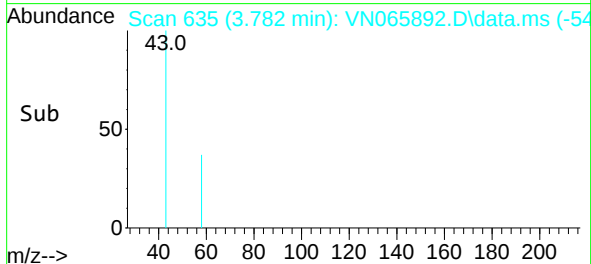
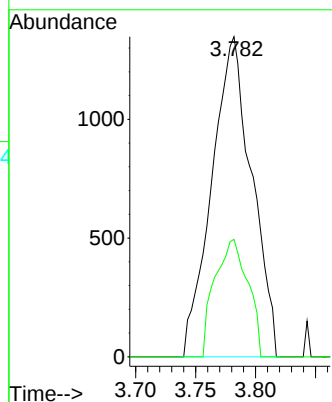
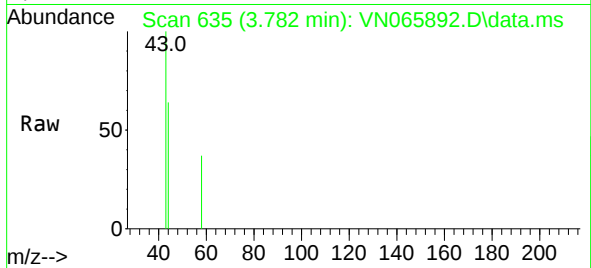




#16
Acetone
Concen: 4.63 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

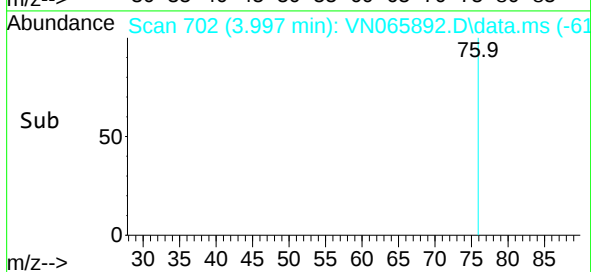
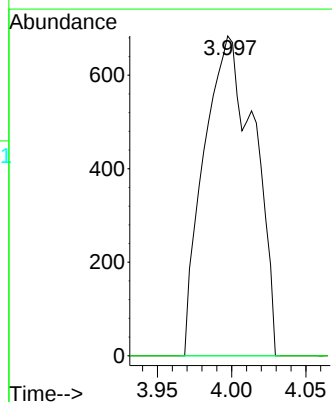
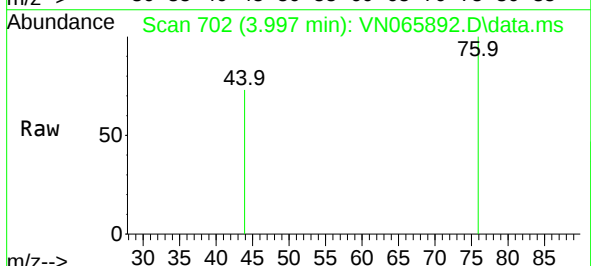
Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

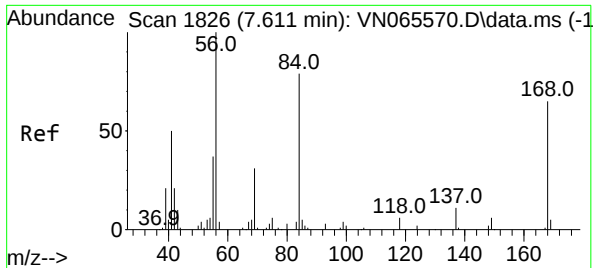
Tgt Ion: 43 Resp: 3124
Ion Ratio Lower Upper
43 100
58 36.6 27.0 40.6



#17
Carbon Disulfide
Concen: 0.32 ug/l
RT: 3.997 min Scan# 702
Delta R.T. -0.010 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

Tgt Ion: 76 Resp: 1612
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

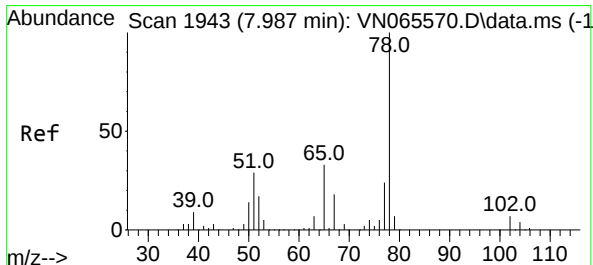
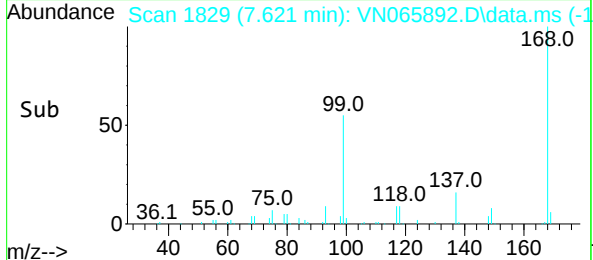
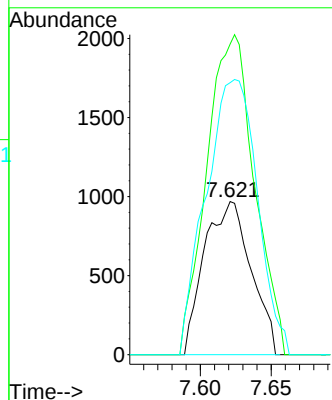
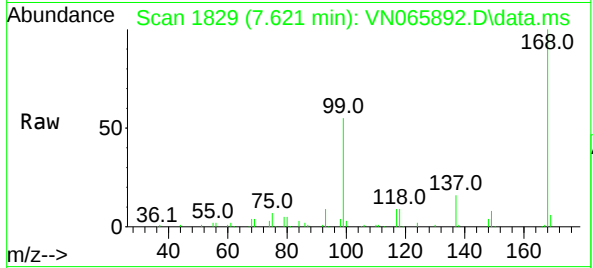




#31
Cyclohexane
Concen: 0.68 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

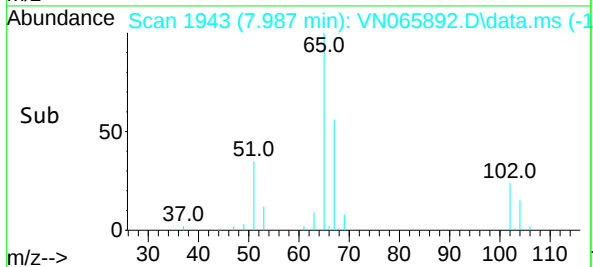
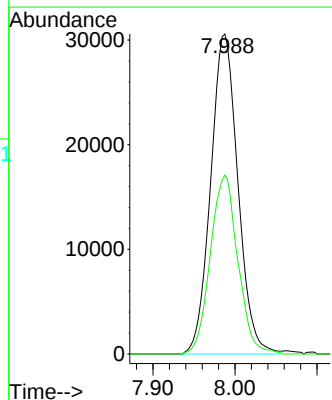
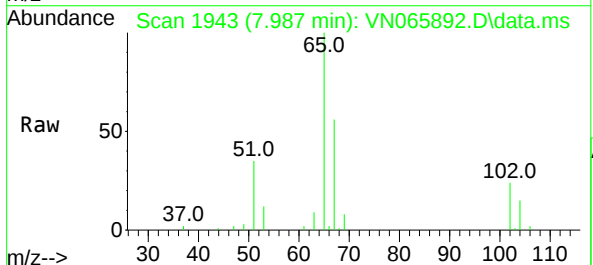
Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

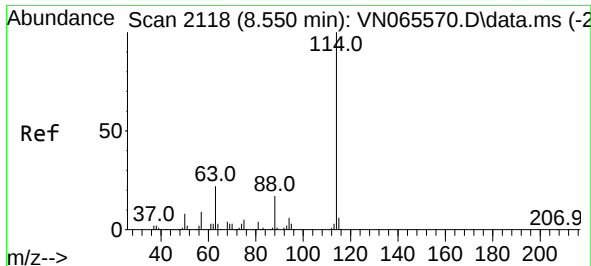
Tgt Ion: 56 Resp: 2223
Ion Ratio Lower Upper
56 100
69 202.9 26.6 39.8#
84 177.7 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 40.63 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

Tgt Ion: 65 Resp: 70491
Ion Ratio Lower Upper
65 100
67 56.4 0.0 107.2



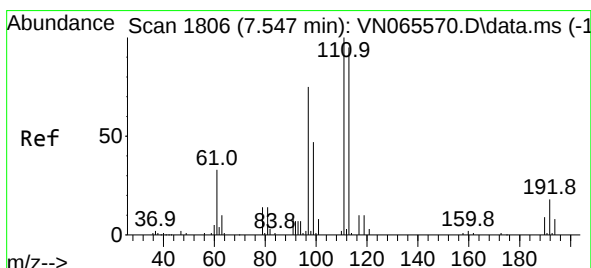
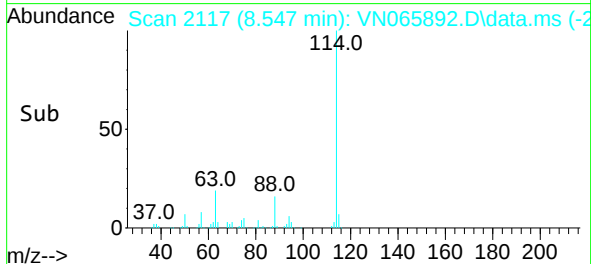
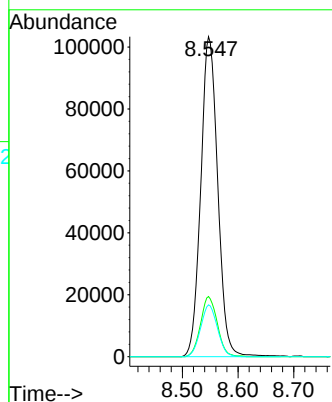
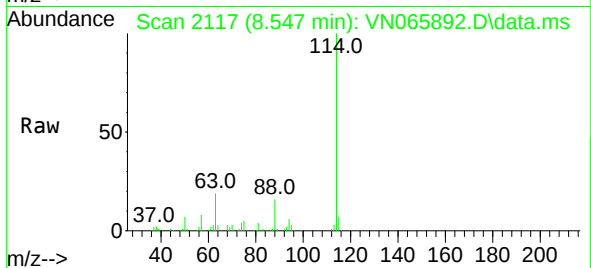


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

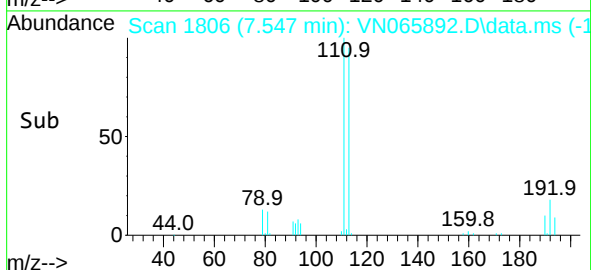
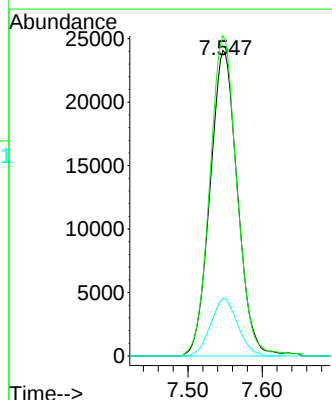
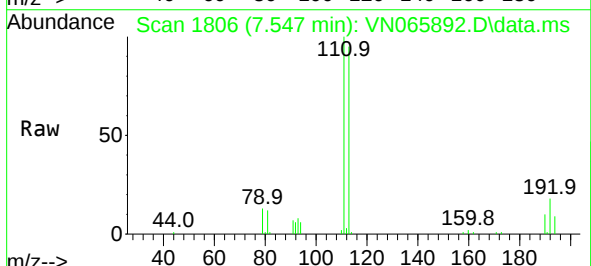
Tgt Ion:	114	Resp:	218839
Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	38.6
88	16.2	0.0	30.6

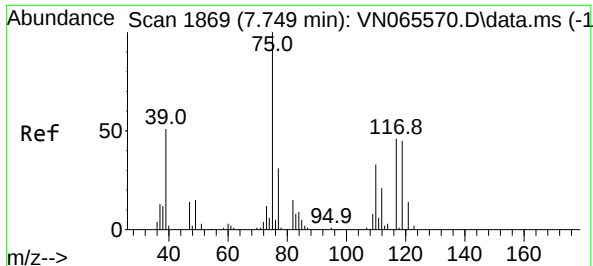


#35

Dibromofluoromethane
Concen: 47.56 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

Tgt Ion:	113	Resp:	61679
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.2	123.2
192	18.5	15.4	23.0

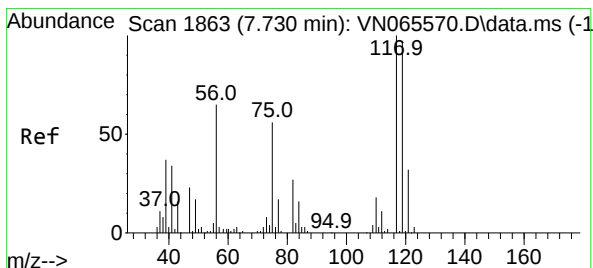
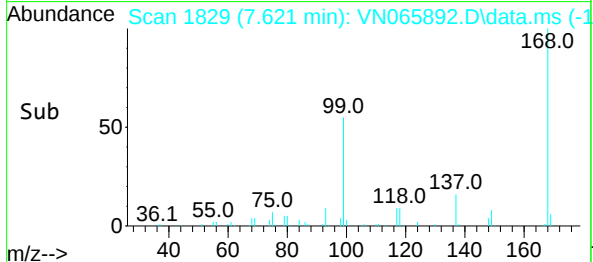
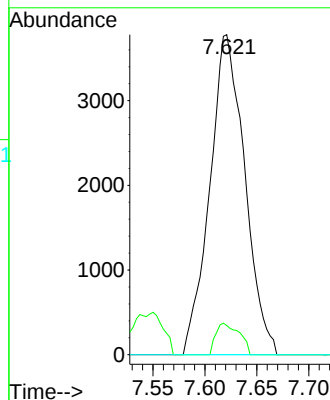
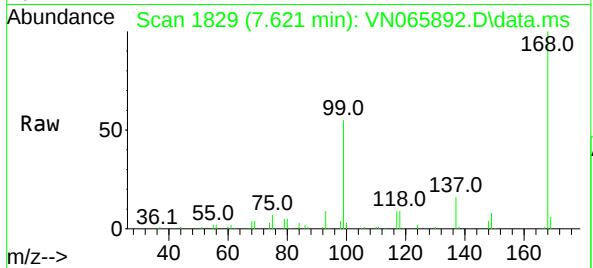




#36
1,1-Dichloropropene
Concen: 4.02 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

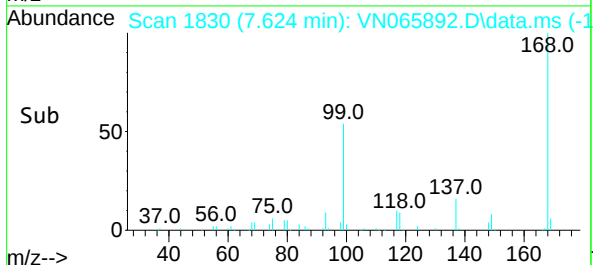
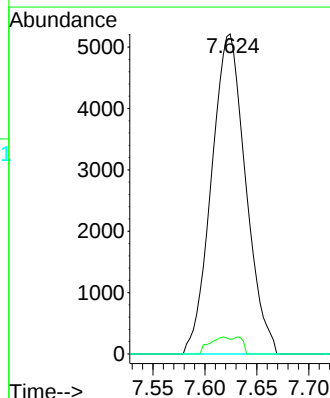
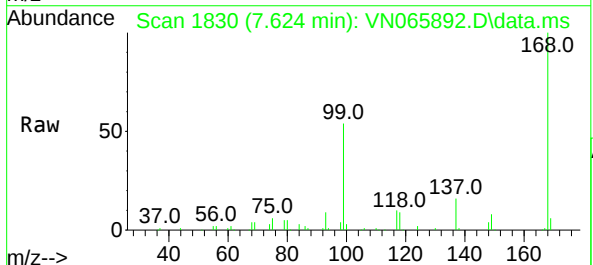
Instrument :
MSVOA_N
ClientSampled :
WATER-COMP

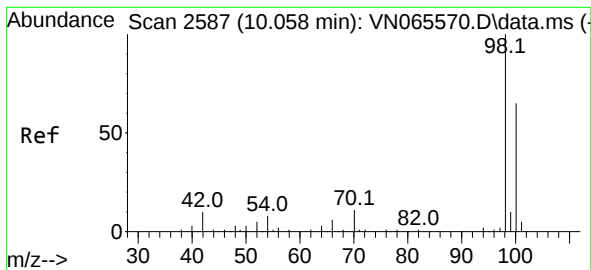
Tgt Ion:	75	Resp:	8854
Ion	Ratio	Lower	Upper
75	100		
110	6.6	18.2	54.6#
77	0.0	24.9	37.3#



#38
Carbon Tetrachloride
Concen: 6.57 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

Tgt Ion:	117	Resp:	11918
Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.0	114.0#
121	0.0	24.5	36.7#

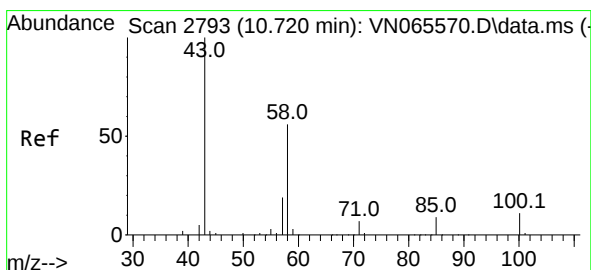
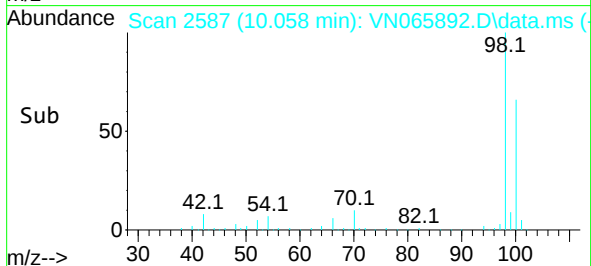
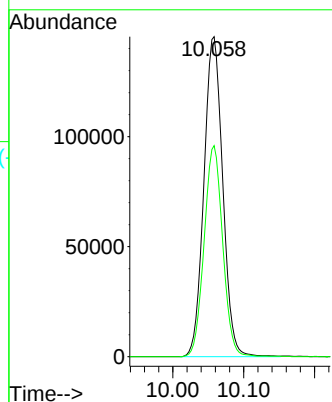
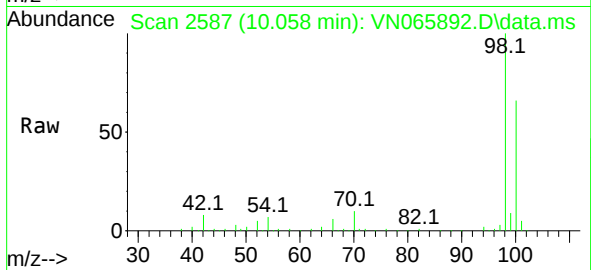




#50
Toluene-d8
Concen: 52.65 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

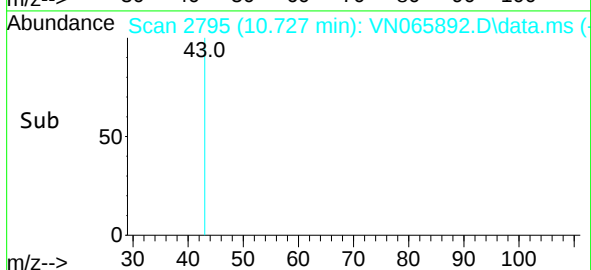
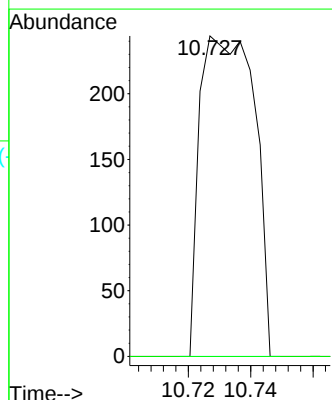
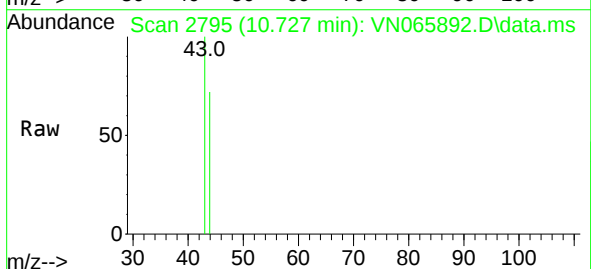
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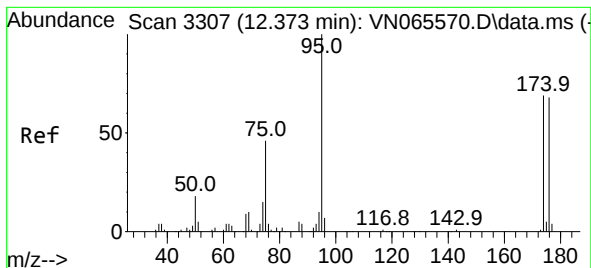
Tgt Ion: 98 Resp: 268374
Ion Ratio Lower Upper
98 100
100 64.9 50.5 75.7



#59
2-Hexanone
Concen: 0.21 ug/l
RT: 10.727 min Scan# 2795
Delta R.T. 0.007 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

Tgt Ion: 43 Resp: 296
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#

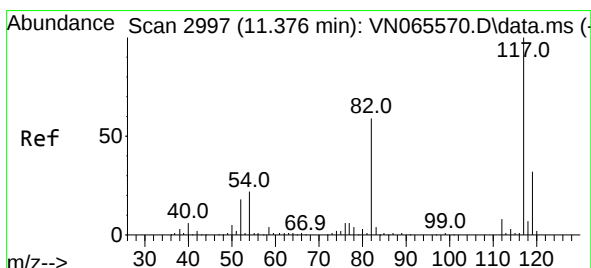
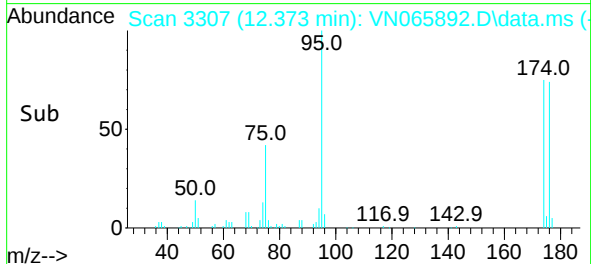
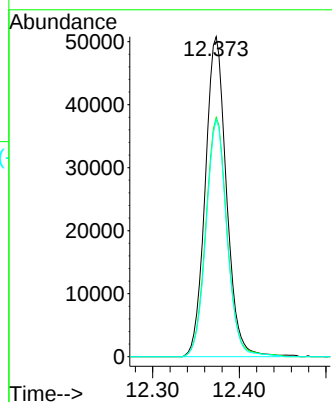
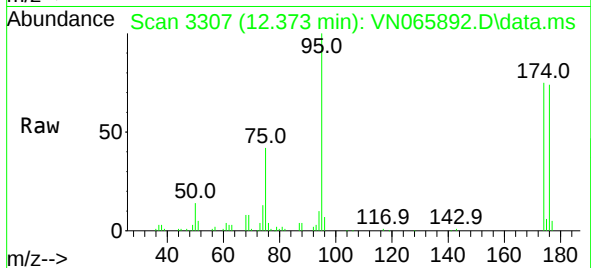




#62
4-Bromofluorobenzene
Concen: 47.01 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

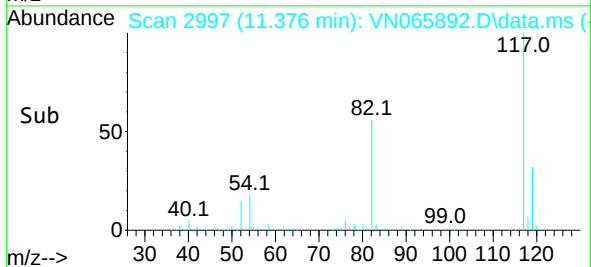
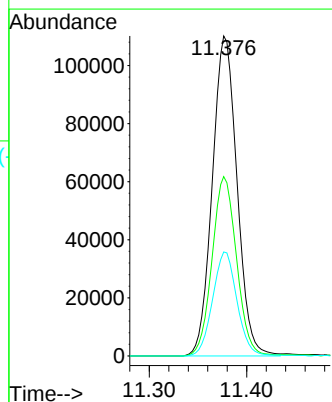
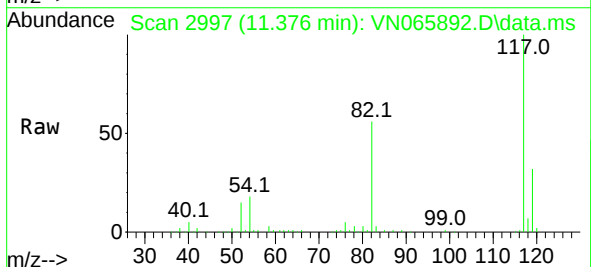
Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

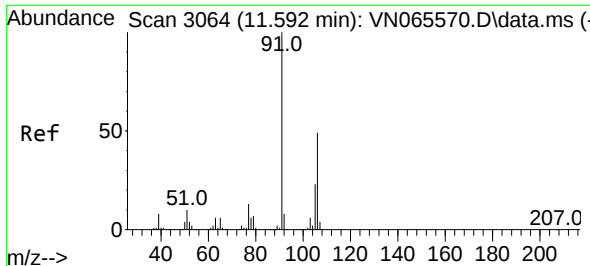
Tgt Ion: 95 Resp: 86293
Ion Ratio Lower Upper
95 100
174 75.5 0.0 169.0
176 73.2 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

Tgt Ion: 117 Resp: 194161
Ion Ratio Lower Upper
117 100
82 56.1 43.7 65.5
119 32.5 26.1 39.1

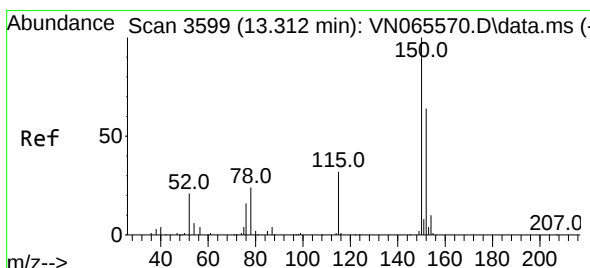
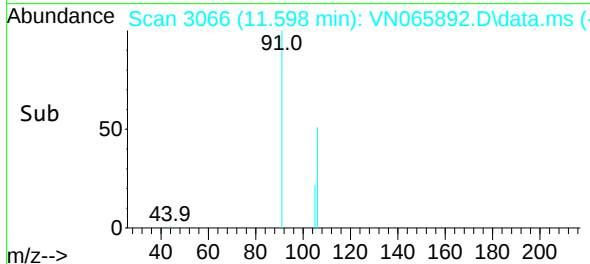
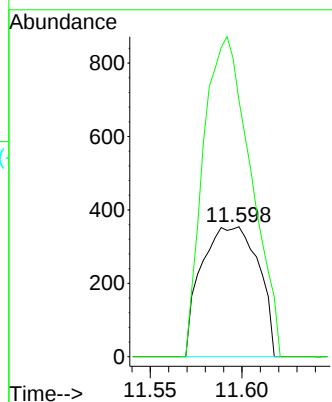
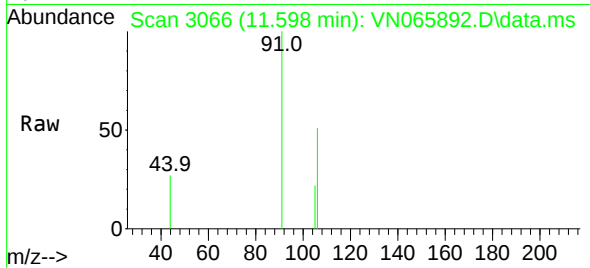




#68
m/p-Xylenes
Concen: 0.28 ug/l
RT: 11.598 min Scan# 3066
Delta R.T. 0.006 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

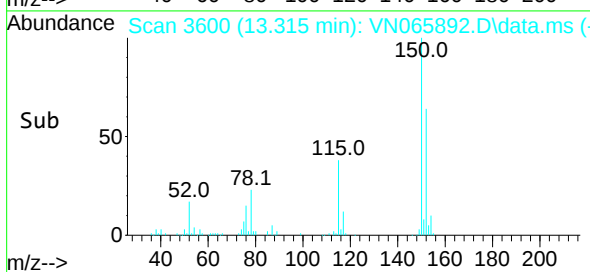
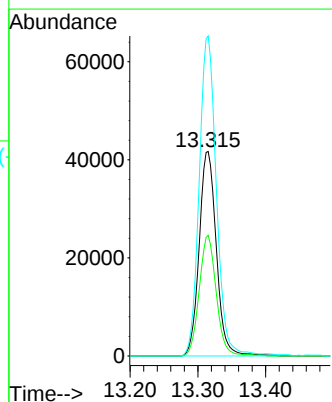
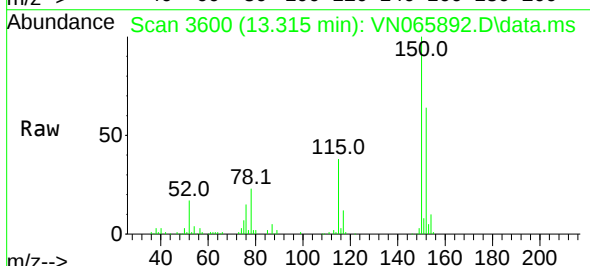
Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

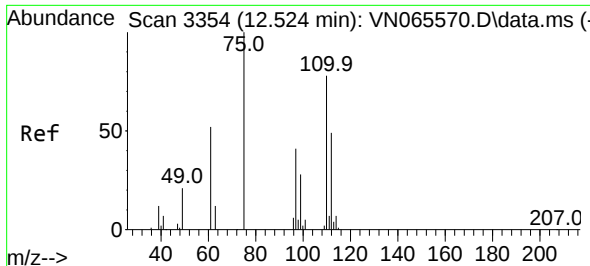
Tgt Ion:106 Resp: 761
Ion Ratio Lower Upper
106 100
91 205.3 161.4 242.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

Tgt Ion:152 Resp: 73487
Ion Ratio Lower Upper
152 100
115 58.0 28.5 85.6
150 155.9 0.0 347.6

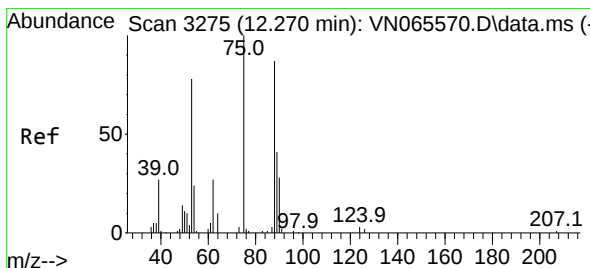
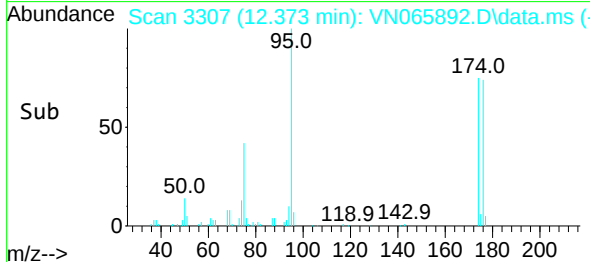
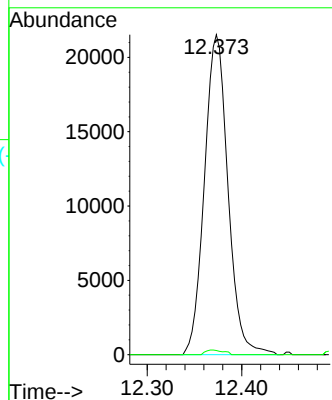
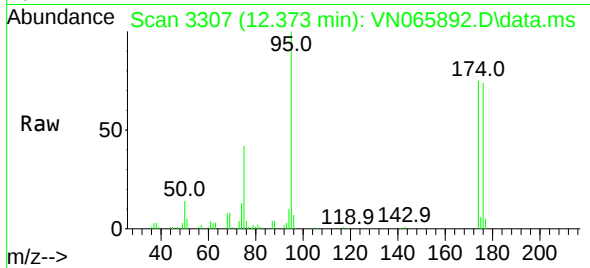




#76
1,2,3-Trichloropropane
Concen: 19.38 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

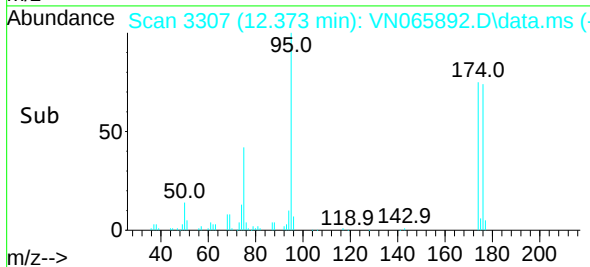
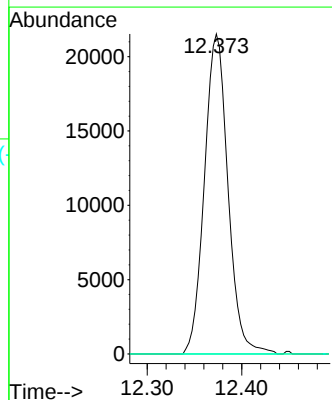
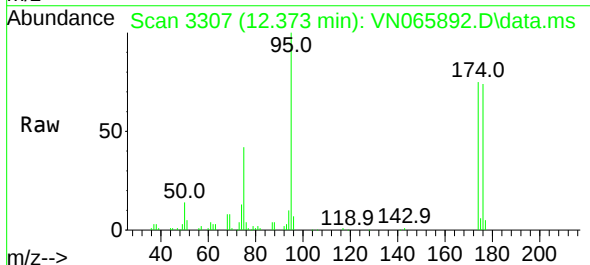
Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

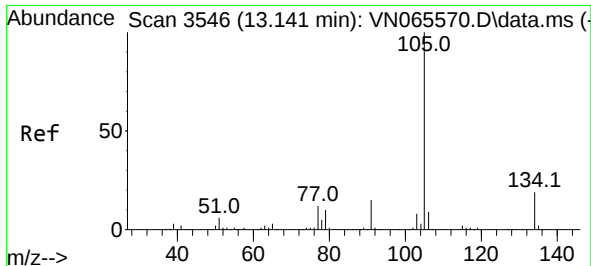
Tgt Ion: 75 Resp: 37249
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 49.65 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

Tgt Ion: 75 Resp: 37249
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

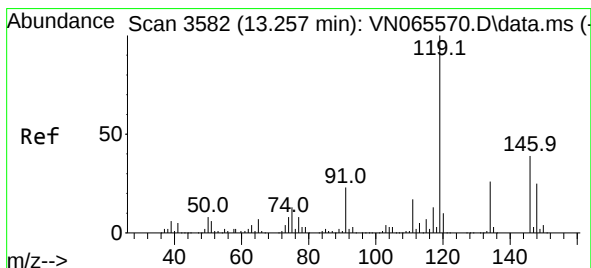
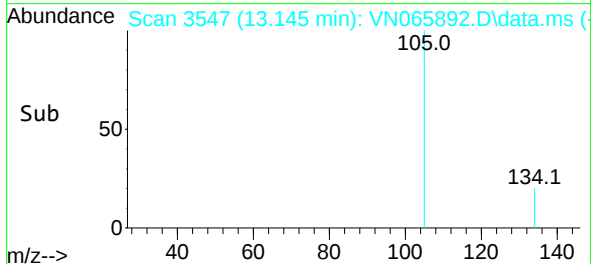
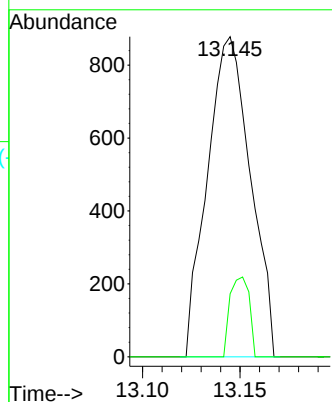
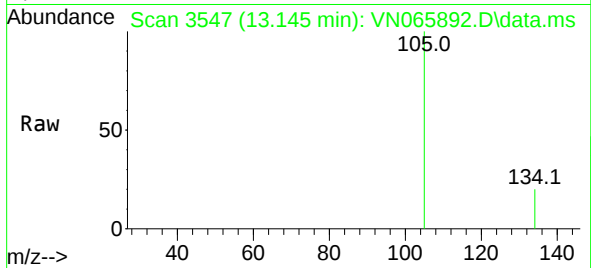




#85
 sec-Butylbenzene
 Concen: 0.22 ug/l
 RT: 13.145 min Scan# 3547
 Delta R.T. 0.004 min
 Lab File: VN065892.D
 Acq: 16 Feb 2021 23:04

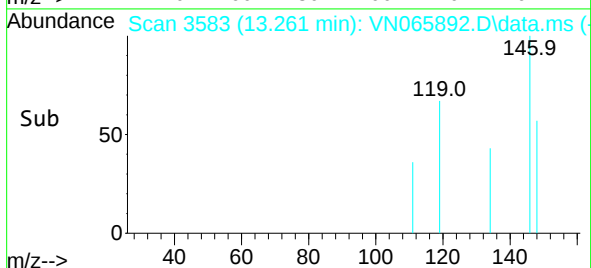
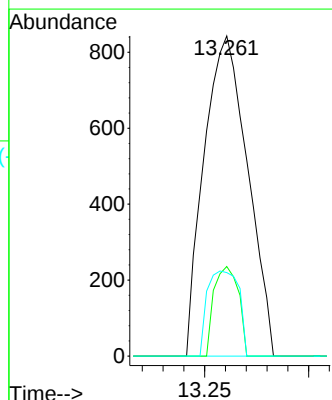
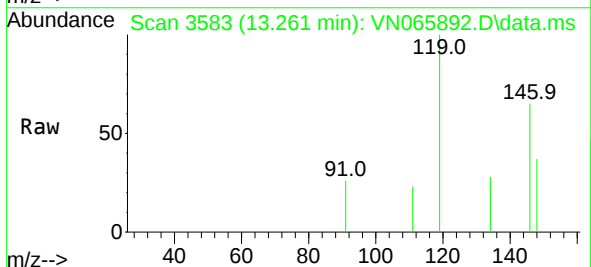
Instrument :
 MSVOA_N
 ClientSampleId :
 WATER-COMP

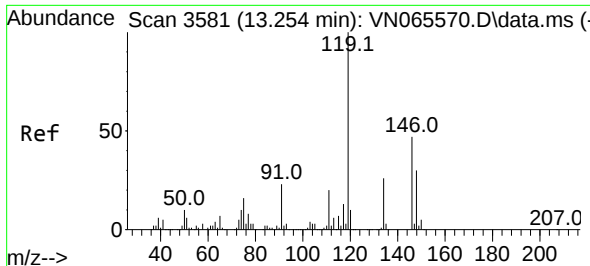
Tgt Ion:105 Resp: 1351
 Ion Ratio Lower Upper
 105 100
 134 11.1 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 0.23 ug/l
 RT: 13.261 min Scan# 3583
 Delta R.T. 0.004 min
 Lab File: VN065892.D
 Acq: 16 Feb 2021 23:04

Tgt Ion:119 Resp: 1226
 Ion Ratio Lower Upper
 119 100
 134 15.7 13.3 39.8
 91 19.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 0.26 ug/l

RT: 13.261 min Scan# 3583

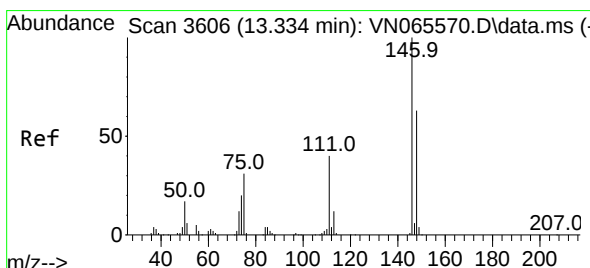
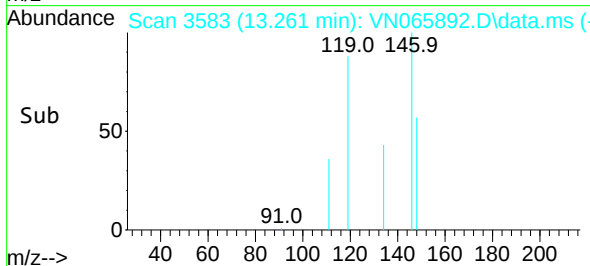
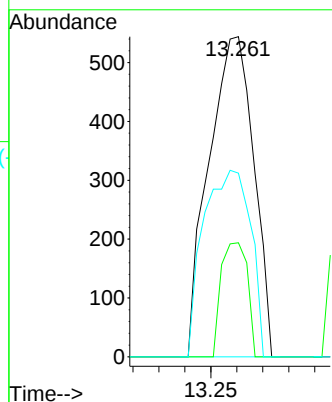
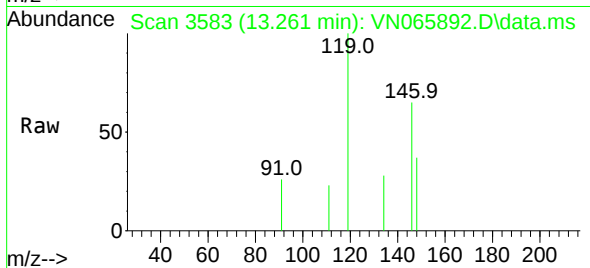
Delta R.T. 0.007 min

Lab File: VN065892.D

Acq: 16 Feb 2021 23:04

Tgt Ion:	146	Resp:	653
Ion	Ratio	Lower	Upper
146	100		
111	20.8	19.5	58.5
148	61.1	32.3	96.9

Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP



#88

1,4-Dichlorobenzene

Concen: 0.26 ug/l

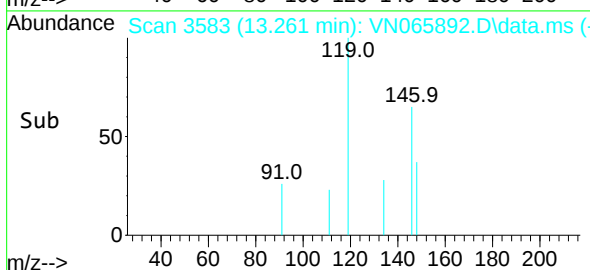
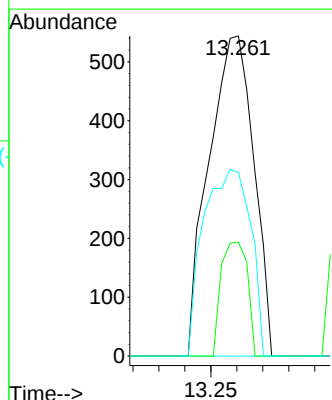
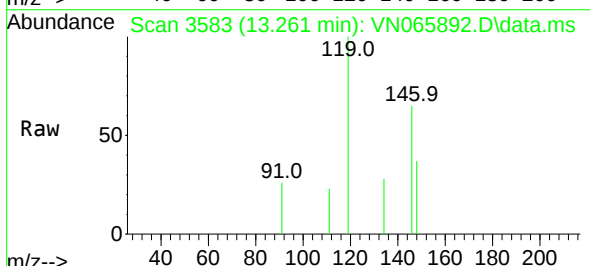
RT: 13.261 min Scan# 3583

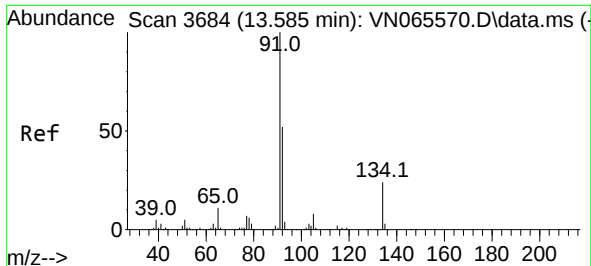
Delta R.T. -0.073 min

Lab File: VN065892.D

Acq: 16 Feb 2021 23:04

Tgt Ion:	146	Resp:	653
Ion	Ratio	Lower	Upper
146	100		
111	20.8	19.0	57.0
148	61.1	31.8	95.3

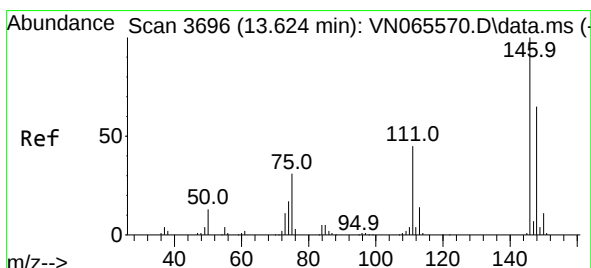
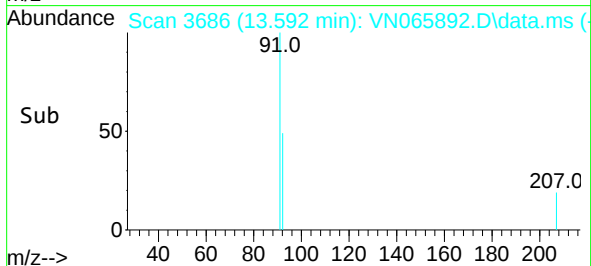
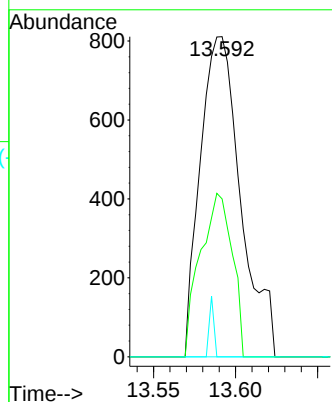
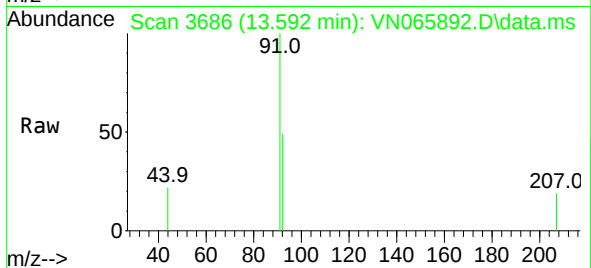




#89
n-Butylbenzene
Concen: 0.28 ug/l
RT: 13.592 min Scan# 3686
Delta R.T. 0.007 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

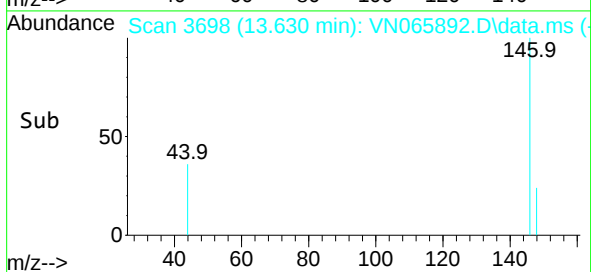
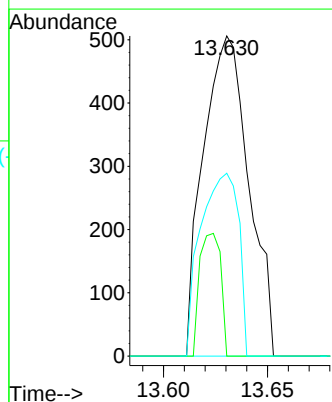
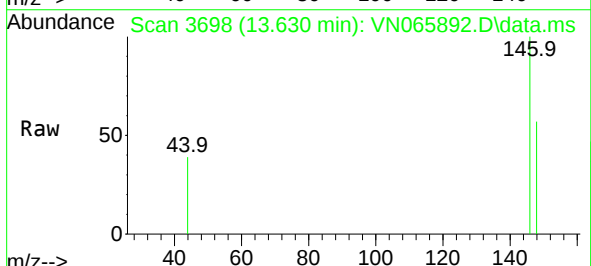
Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

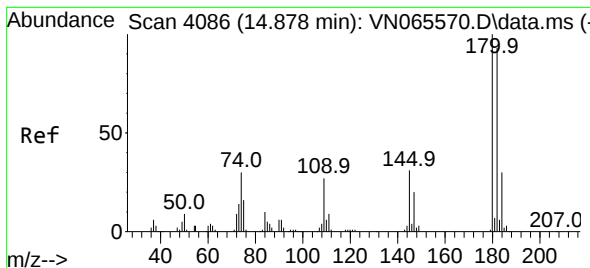
Tgt Ion: 91	Resp:	1391
Ion	Ratio	Lower Upper
91	100	
92	40.1	26.1 78.3
134	2.2	13.0 38.9#



#91
1,2-Dichlorobenzene
Concen: 0.31 ug/l
RT: 13.630 min Scan# 3698
Delta R.T. 0.006 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

Tgt Ion: 146	Resp:	772
Ion	Ratio	Lower Upper
146	100	
111	17.6	20.1 60.3#
148	47.5	32.0 96.0





#93

1,2,4-Trichlorobenzene

Concen: 3.92 ug/l

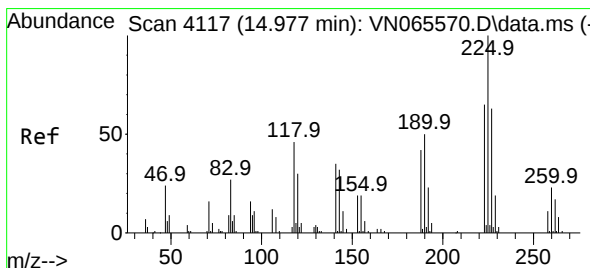
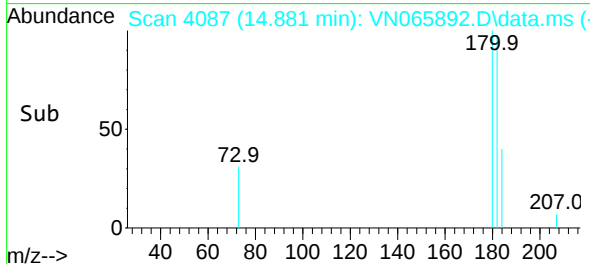
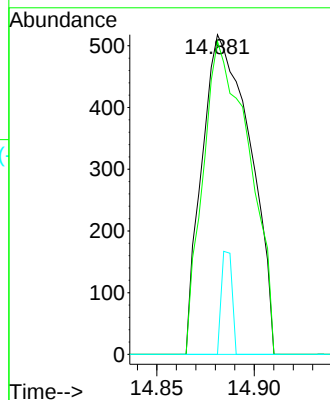
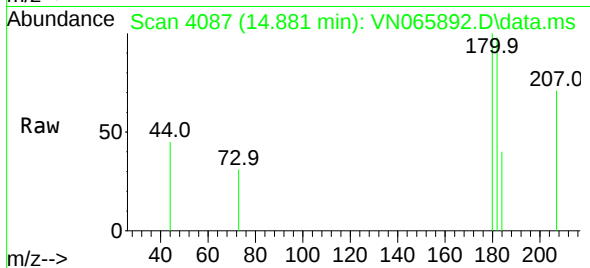
RT: 14.881 min Scan# 4087

Delta R.T. 0.003 min

Lab File: VN065892.D

Acq: 16 Feb 2021 23:04

Tgt Ion:	180	Resp:	891
Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.3	142.0
145	7.2	15.6	46.8#



#94

Hexachlorobutadiene

Concen: 0.90 ug/l

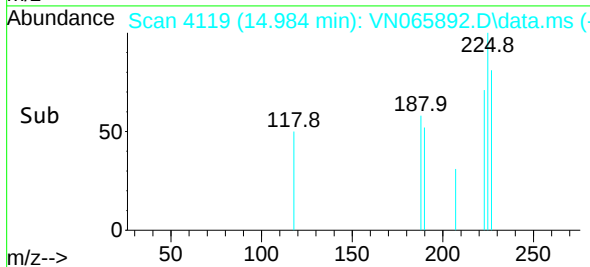
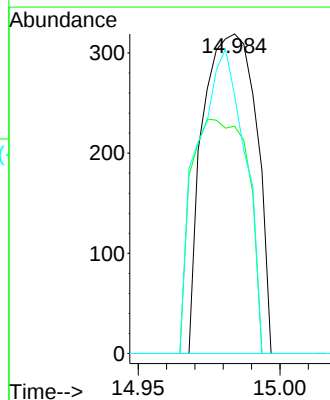
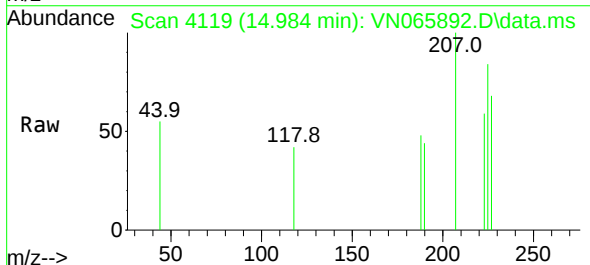
RT: 14.984 min Scan# 4119

Delta R.T. 0.007 min

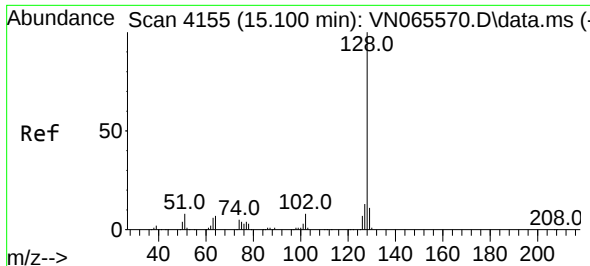
Lab File: VN065892.D

Acq: 16 Feb 2021 23:04

Tgt Ion:	225	Resp:	416
Ion	Ratio	Lower	Upper
225	100		
223	77.9	31.9	95.9
227	85.6	31.6	95.0



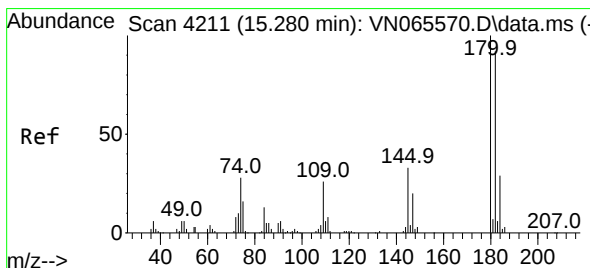
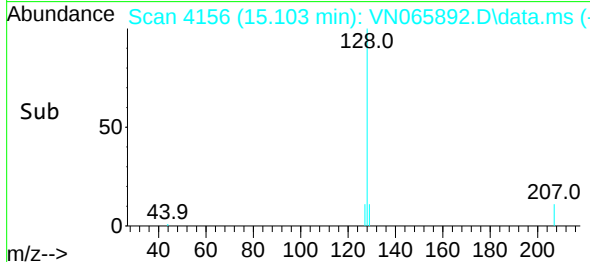
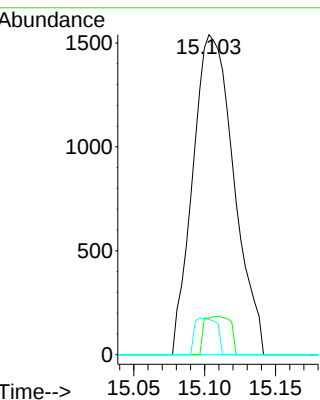
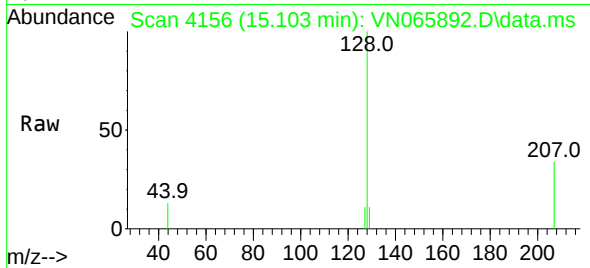
Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP



#95
Naphthalene
Concen: 4.06 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.003 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

Tgt Ion:128 Resp: 3109
Ion Ratio Lower Upper
128 100
127 7.7 10.2 15.2#
129 6.1 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 3.61 ug/l
RT: 15.283 min Scan# 4212
Delta R.T. 0.003 min
Lab File: VN065892.D
Acq: 16 Feb 2021 23:04

Tgt Ion:180 Resp: 1197
Ion Ratio Lower Upper
180 100
182 100.8 47.4 142.3
145 15.3 16.5 49.5#

