

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065103.D
 Acq On : 14 Dec 2020 16:19
 Operator : JC/MD
 Sample : L5050-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Dec 15 05:50:02 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121420W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 15 05:41:47 2020
 Response via : Initial Calibration

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

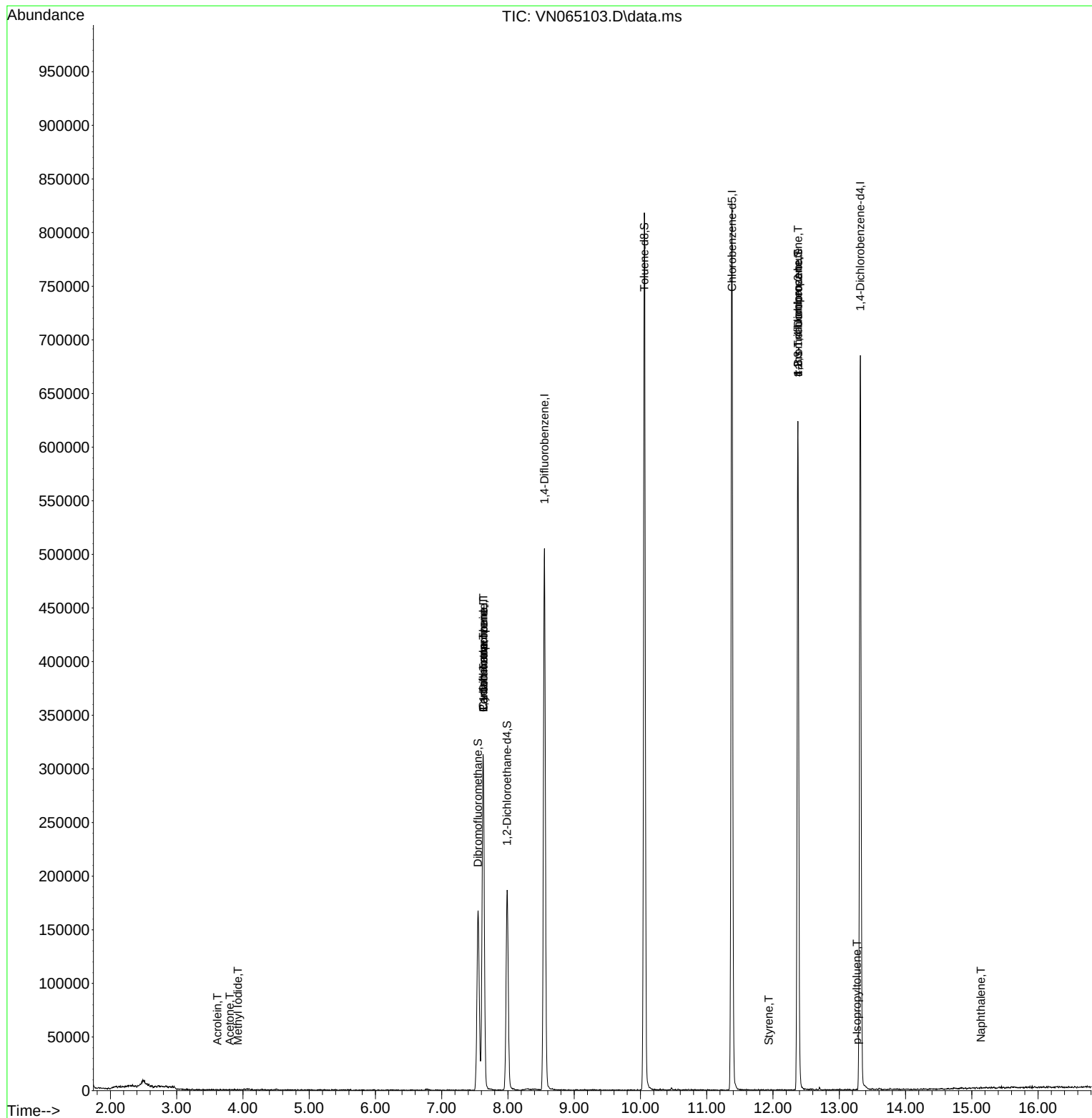
Internal Standards						
1) Pentafluorobenzene	7.627	168	251927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	454816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	483427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	195343	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	168293	58.10	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 116.20%			
35) Dibromofluoromethane	7.547	113	116340	36.80	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 73.60%			
50) Toluene-d8	10.058	98	567956	50.80	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.60%			
62) 4-Bromofluorobenzene	12.376	95	205356	53.34	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.68%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.026	50	361	Below Cal	#	41
5) Bromomethane	2.537	94	350	Below Cal	#	72
10) Methyl Iodide	3.923	142	185	3.99 ug/l	#	40
13) Acrolein	3.614	56	68	0.48 ug/l	#	14
16) Acetone	3.801	43	446	0.41 ug/l	#	43
20) Methylene Chloride	4.515	84	165	Below Cal	#	34
31) Cyclohexane	7.624	56	5823	1.48 ug/l	#	35
36) 1,1-Dichloropropene	7.627	75	19067	4.39 ug/l	#	47
38) Carbon Tetrachloride	7.627	117	24231	4.84 ug/l	#	16
70) Styrene	11.936	104	29	1.38 ug/l	#	26
76) 1,2,3-Trichloropropane	12.376	75	103954	29.66 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.376	75	103954	82.52 ug/l	#	15
86) p-Isopropyltoluene	13.267	119	153	1.08 ug/l	#	51
95) Naphthalene	15.138	128	31	4.22 ug/l	#	69

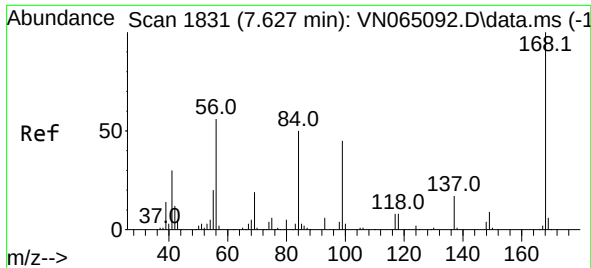
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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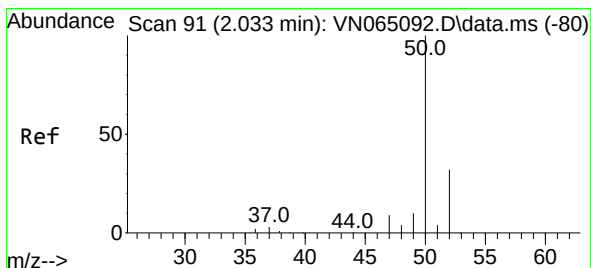
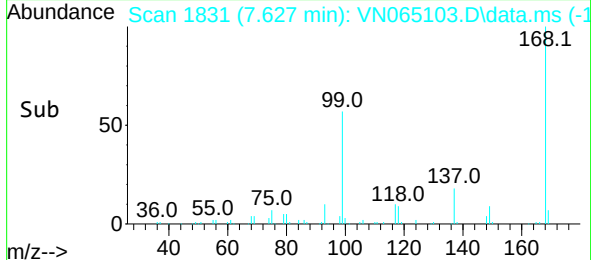
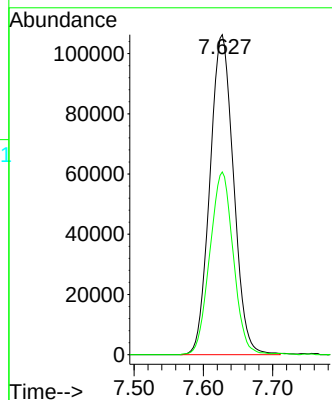
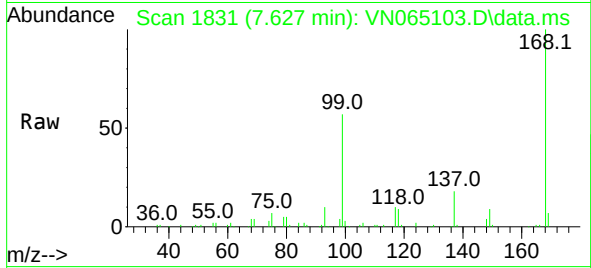




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065103.D
Acq: 14 Dec 2020 16:19

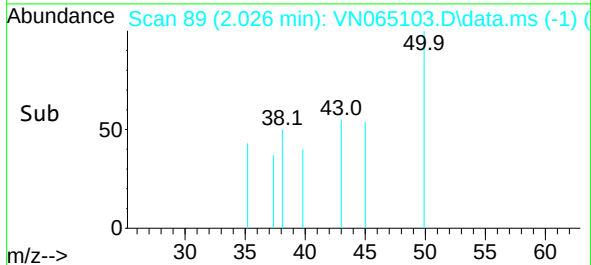
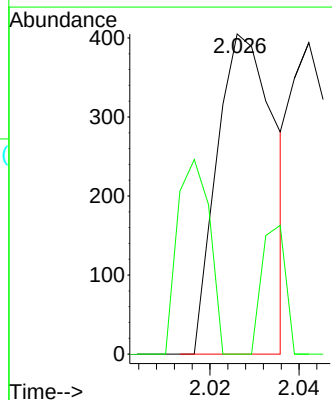
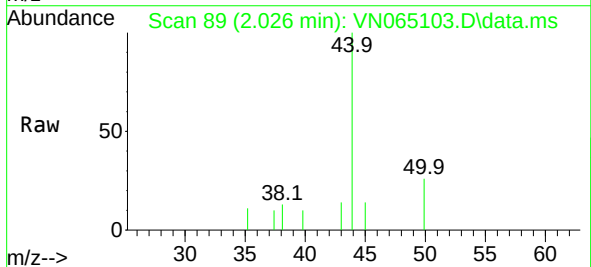
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

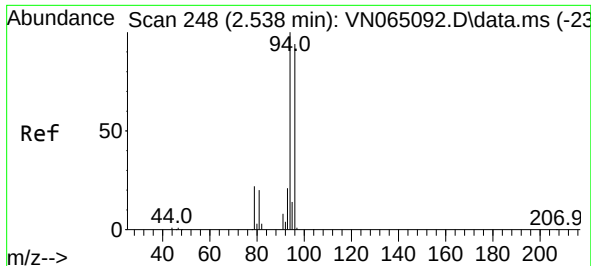
Tgt Ion:168 Resp: 251927
Ion Ratio Lower Upper
168 100
99 57.1 43.0 64.4



#3
Chloromethane
Concen: Below Cal
RT: 2.026 min Scan# 89
Delta R.T. -0.007 min
Lab File: VN065103.D
Acq: 14 Dec 2020 16:19

Tgt Ion: 50 Resp: 361
Ion Ratio Lower Upper
50 100
52 0.0 26.6 39.8#

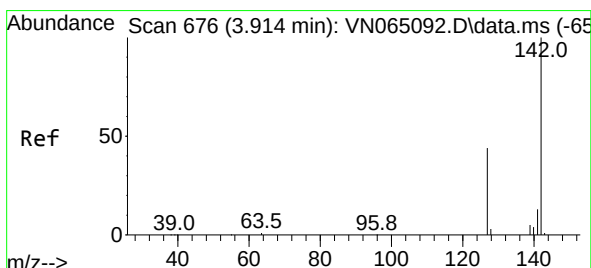
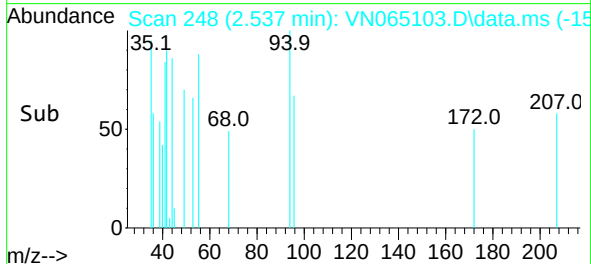
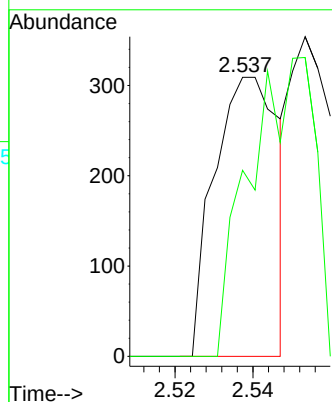
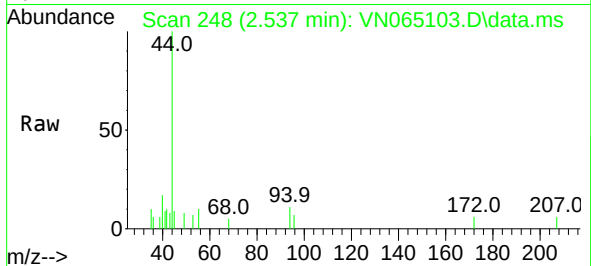




#5
Bromomethane
Concen: Below Cal
RT: 2.537 min Scan# 248
Delta R.T. -0.001 min
Lab File: VN065103.D
Acq: 14 Dec 2020 16:19

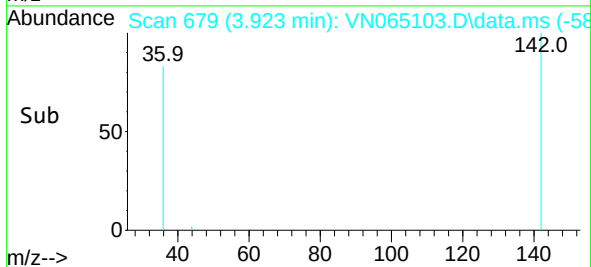
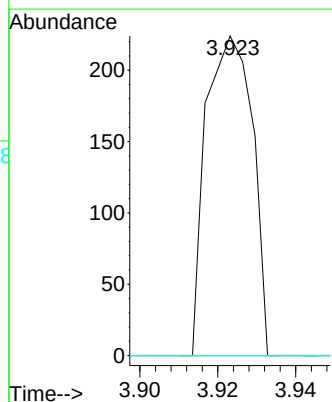
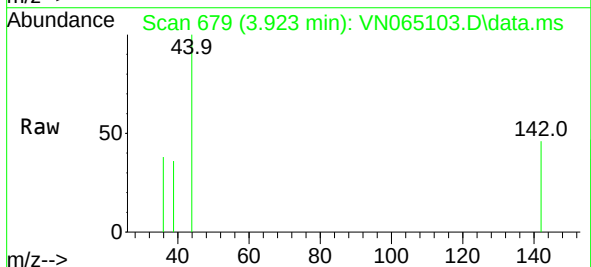
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

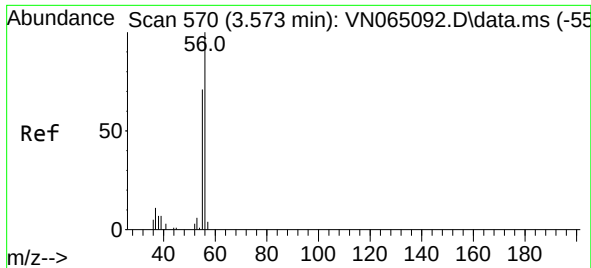
Tgt Ion: 94 Resp: 350
Ion Ratio Lower Upper
94 100
96 66.7 75.4 113.0#



#10
Methyl Iodide
Concen: 3.99 ug/l
RT: 3.923 min Scan# 679
Delta R.T. 0.009 min
Lab File: VN065103.D
Acq: 14 Dec 2020 16:19

Tgt Ion: 142 Resp: 185
Ion Ratio Lower Upper
142 100
127 0.0 35.0 52.6#
141 0.0 11.8 17.6#

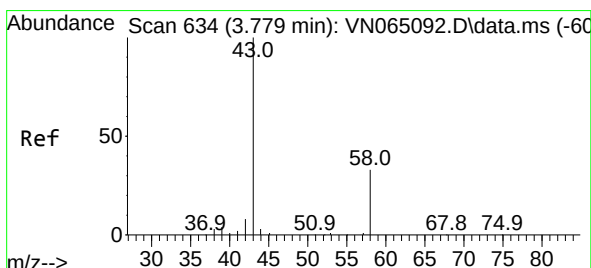
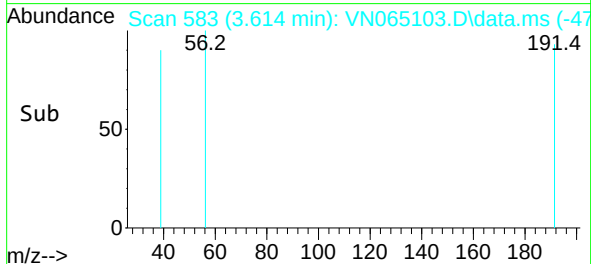
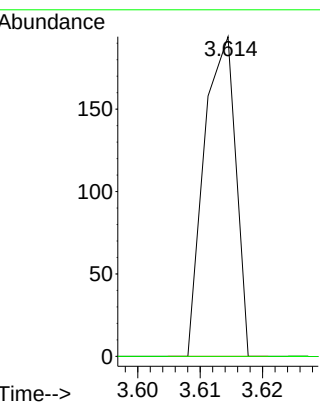
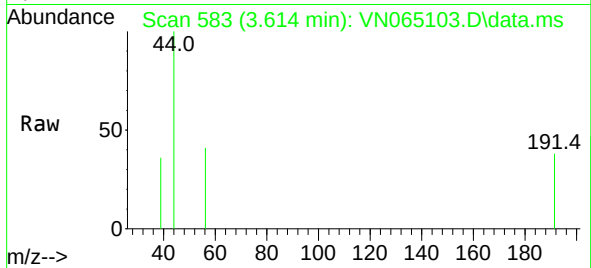




#13
Acrolein
Concen: 0.48 ug/l
RT: 3.614 min Scan# 583
Delta R.T. 0.041 min
Lab File: VN065103.D
Acq: 14 Dec 2020 16:19

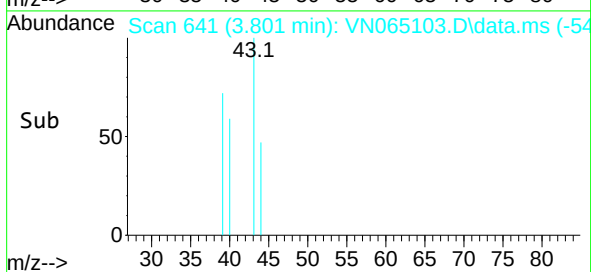
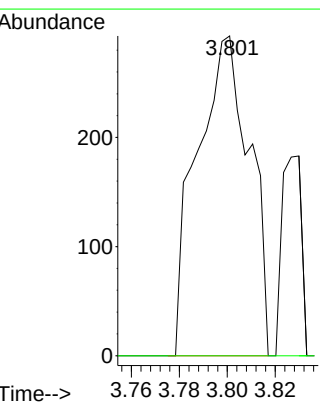
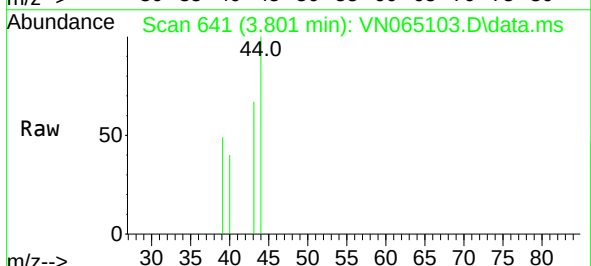
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

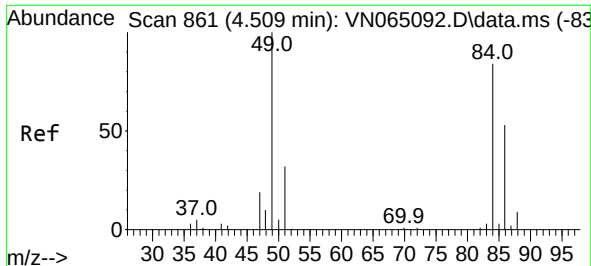
Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#



#16
Acetone
Concen: 0.41 ug/l
RT: 3.801 min Scan# 641
Delta R.T. 0.022 min
Lab File: VN065103.D
Acq: 14 Dec 2020 16:19

Tgt Ion: 43 Resp: 446
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.515 min Scan# 863

Delta R.T. 0.006 min

Lab File: VN065103.D

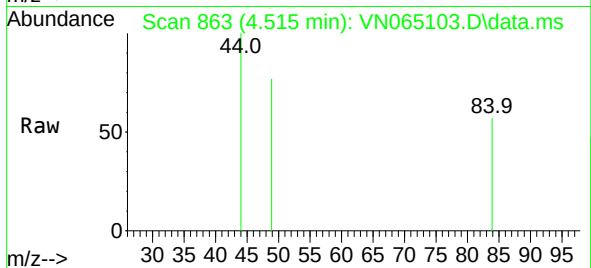
Acq: 14 Dec 2020 16:19

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



Tgt Ion: 84 Resp: 165

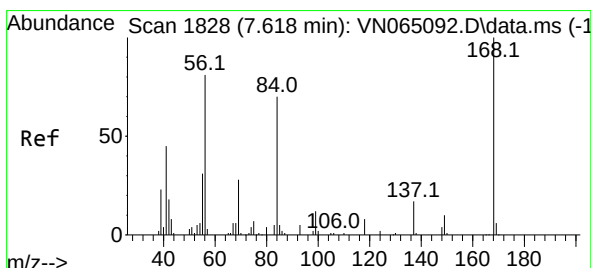
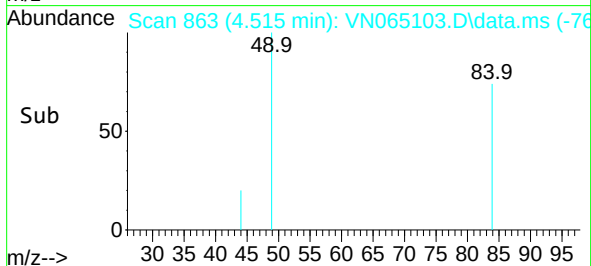
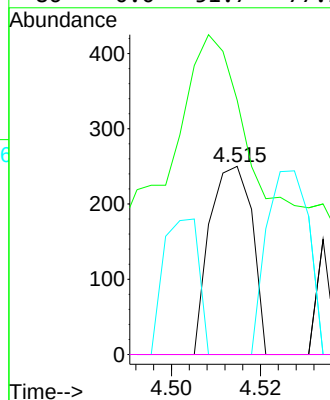
Ion Ratio Lower Upper

84 100

49 51.6 93.4 140.0#

51 0.0 28.2 42.4#

86 0.0 51.7 77.5#



#31

Cyclohexane

Concen: 1.48 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN065103.D

Acq: 14 Dec 2020 16:19

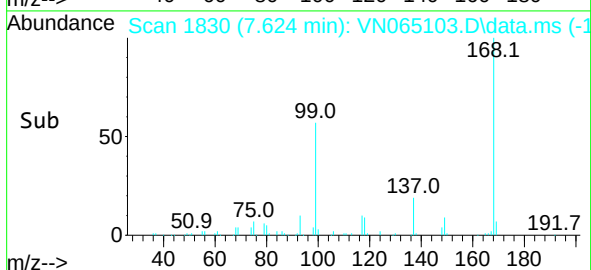
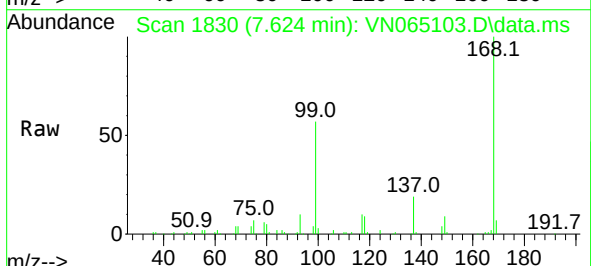
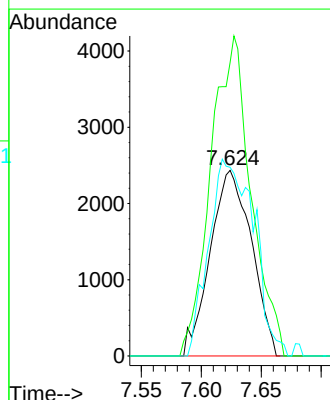
Tgt Ion: 56 Resp: 5823

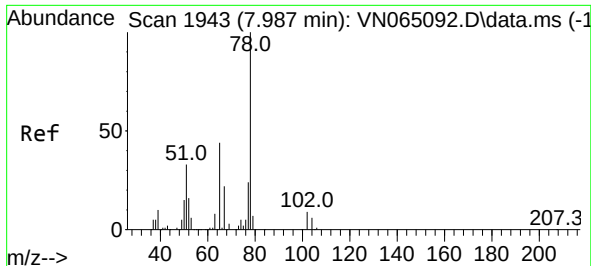
Ion Ratio Lower Upper

56 100

69 158.2 27.5 41.3#

84 101.6 73.9 110.9

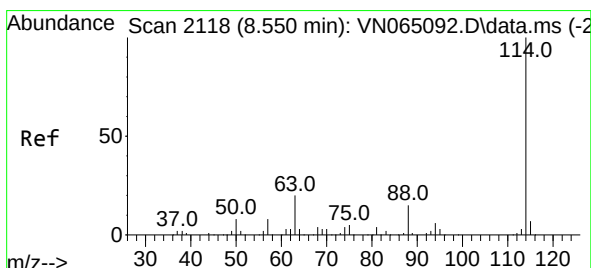
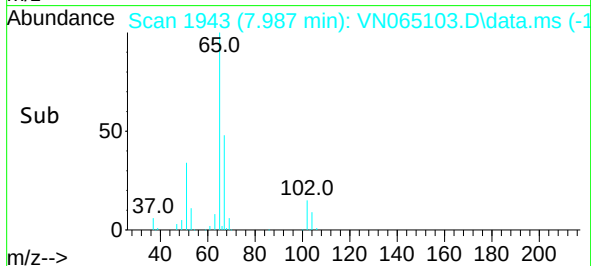
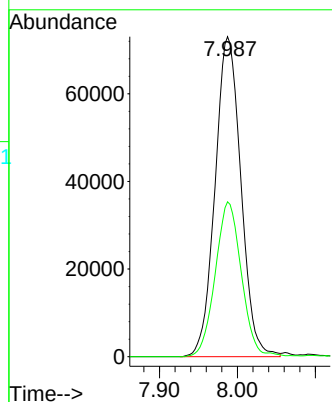
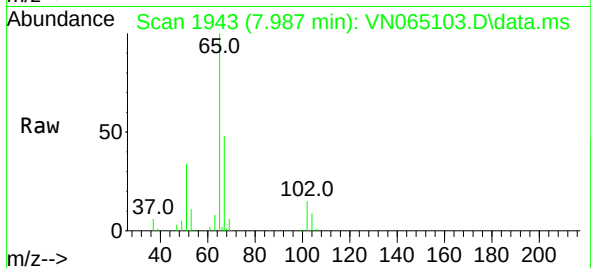




#33
1,2-Dichloroethane-d4
Concen: 58.10 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065103.D
Acq: 14 Dec 2020 16:19

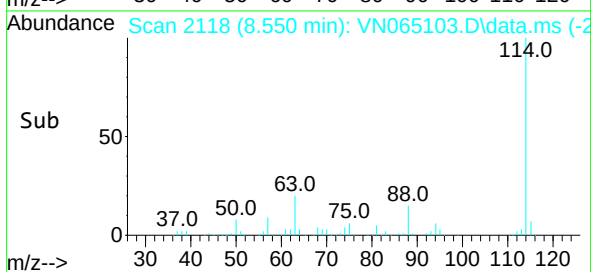
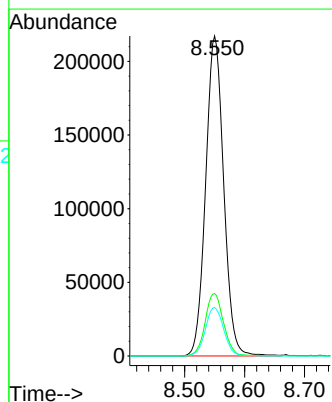
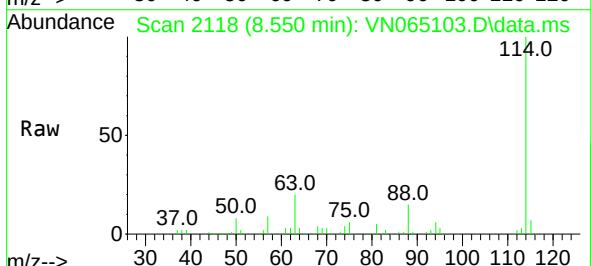
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

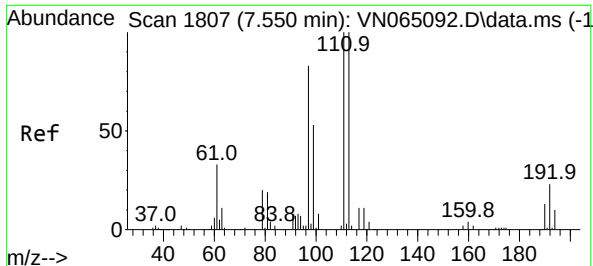
Tgt Ion: 65 Resp: 168293
Ion Ratio Lower Upper
65 100
67 48.8 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065103.D
Acq: 14 Dec 2020 16:19

Tgt Ion: 114 Resp: 454816
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 36.80 ug/l

RT: 7.547 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VN065103.D

Acq: 14 Dec 2020 16:19

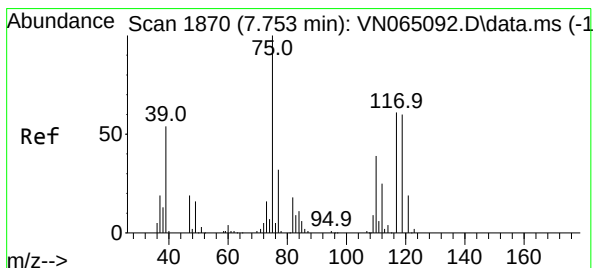
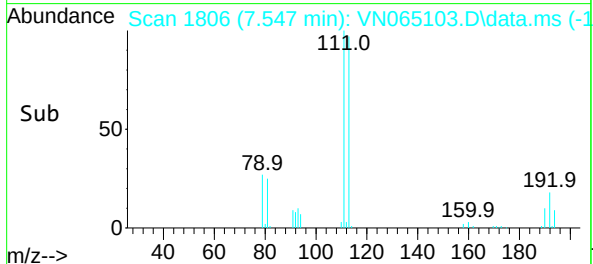
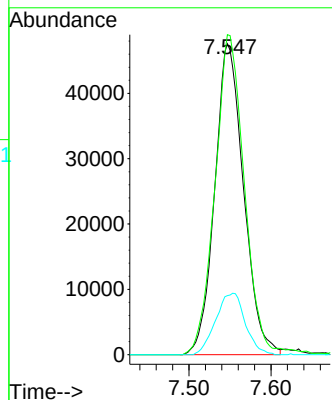
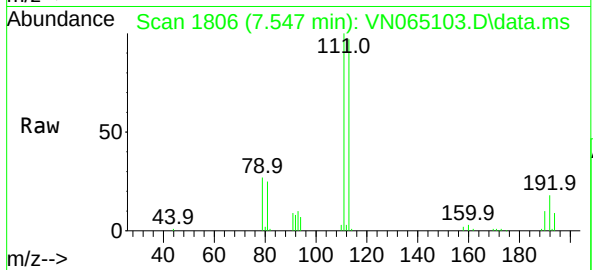
Tgt Ion:113 Resp: 116340

Ion Ratio Lower Upper

113 100

111 104.8 81.6 122.4

192 20.2 16.2 24.2



#36

1,1-Dichloropropene

Concen: 4.39 ug/l

RT: 7.627 min Scan# 1831

Delta R.T. -0.126 min

Lab File: VN065103.D

Acq: 14 Dec 2020 16:19

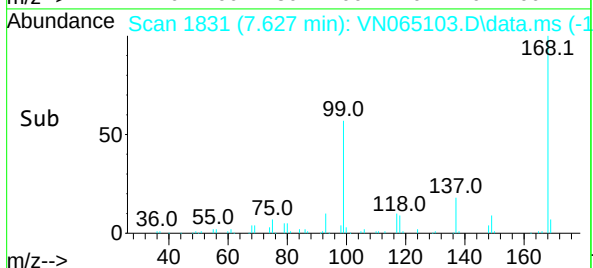
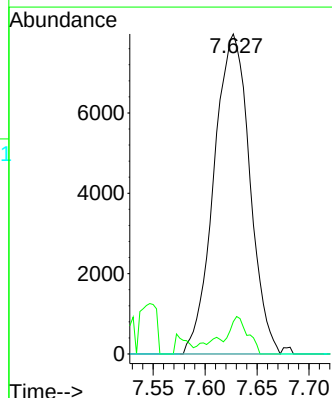
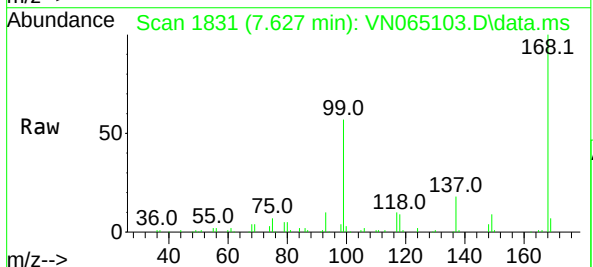
Tgt Ion: 75 Resp: 19067

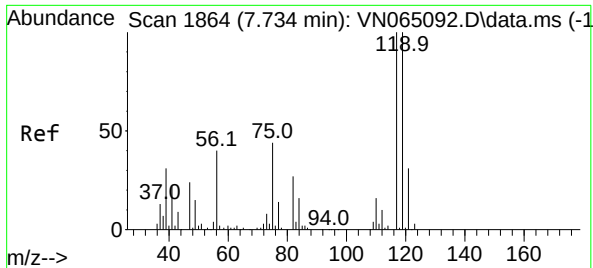
Ion Ratio Lower Upper

75 100

110 5.9 17.8 53.3#

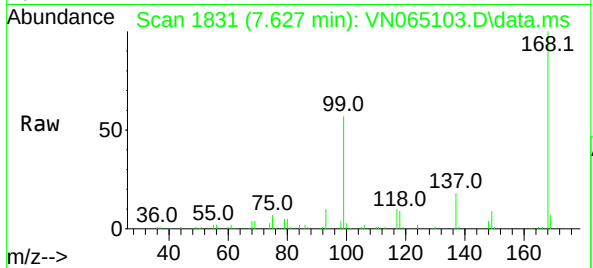
77 0.0 25.0 37.4#



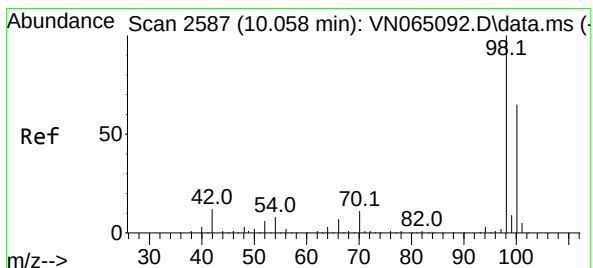
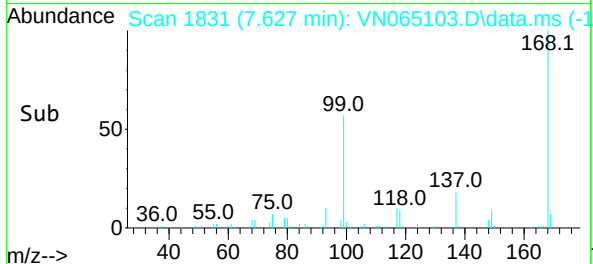
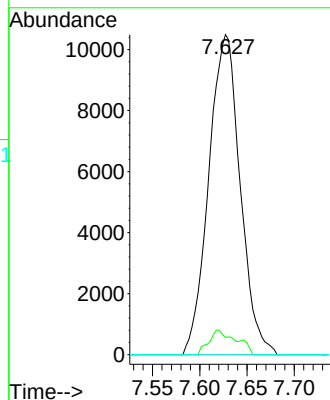


#38
Carbon Tetrachloride
Concen: 4.84 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN065103.D
Acq: 14 Dec 2020 16:19

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

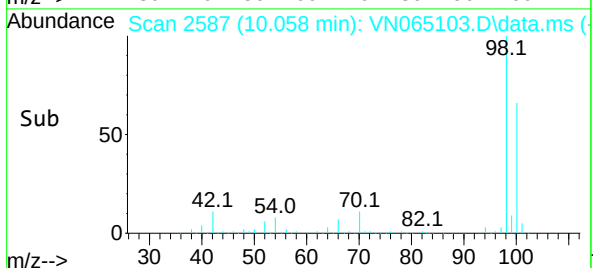
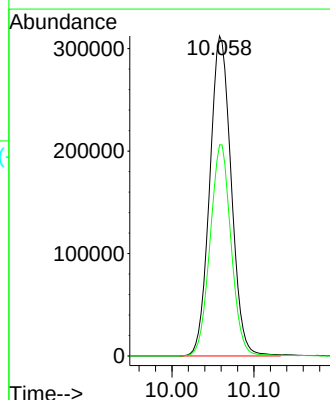
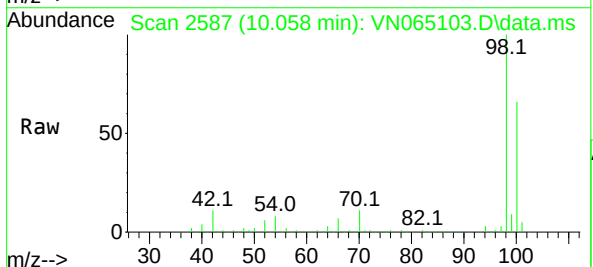


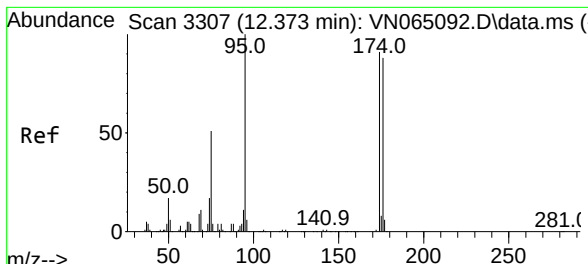
Tgt Ion:117 Resp: 24231
Ion Ratio Lower Upper
117 100
119 5.4 76.7 115.1#
121 0.0 25.4 38.2#



#50
Toluene-d8
Concen: 50.80 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065103.D
Acq: 14 Dec 2020 16:19

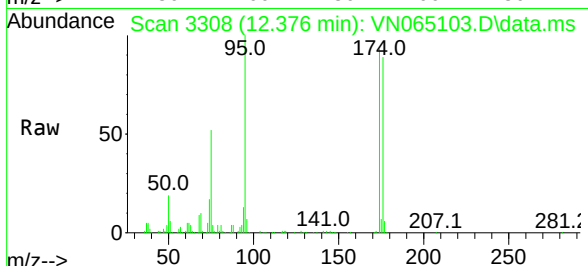
Tgt Ion: 98 Resp: 567956
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



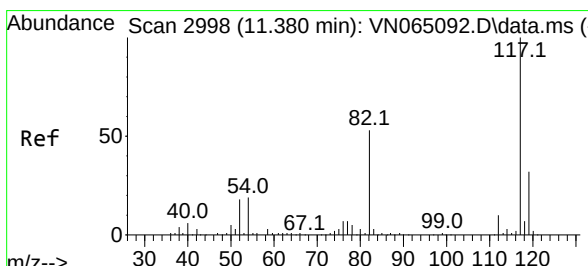
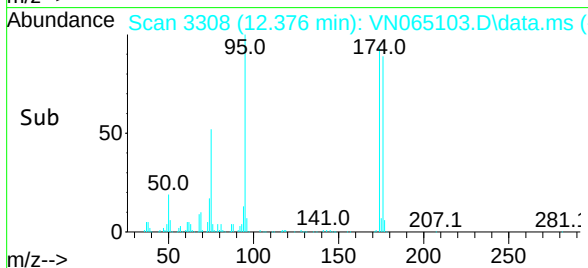
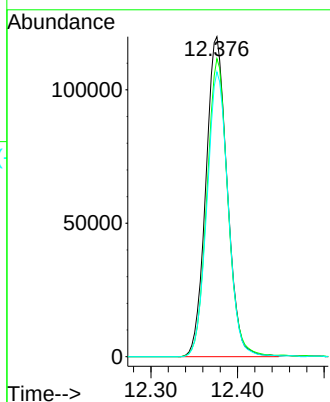


#62
4-Bromofluorobenzene
Concen: 53.34 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065103.D
Acq: 14 Dec 2020 16:19

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

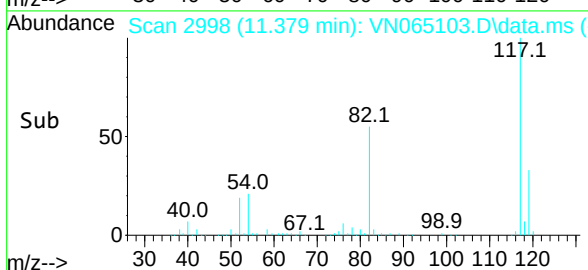
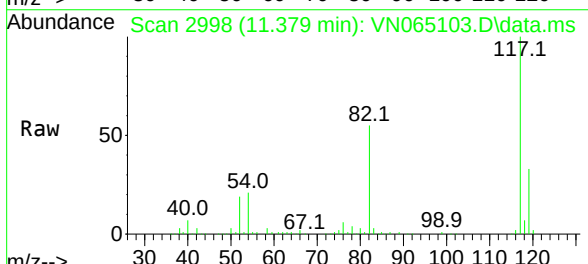
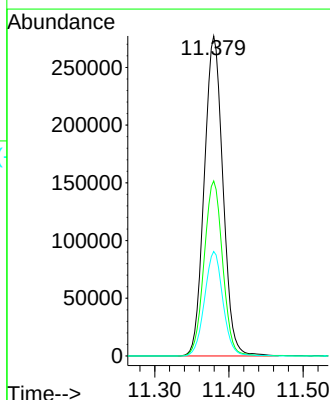


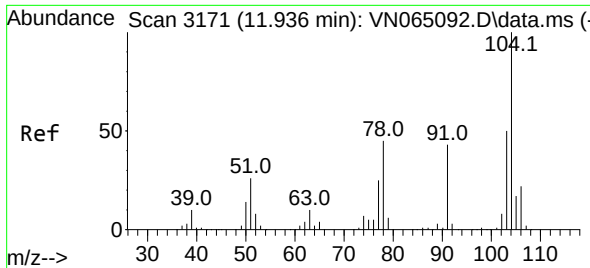
Tgt Ion:	95	Resp:	205356
Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	160.4
176	88.1	0.0	158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065103.D
Acq: 14 Dec 2020 16:19

Tgt Ion:	117	Resp:	483427
Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.2	66.2
119	32.7	25.8	38.6

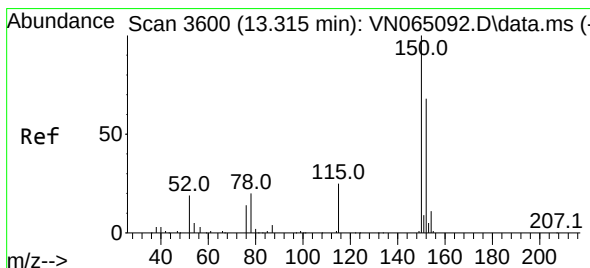
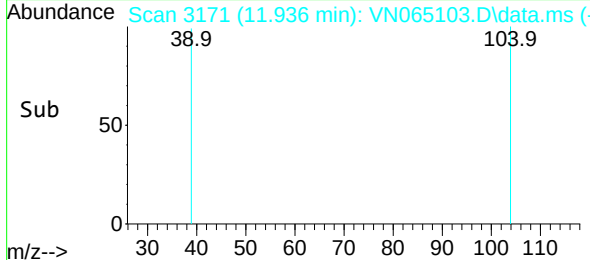
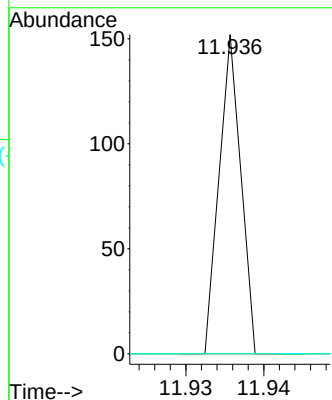
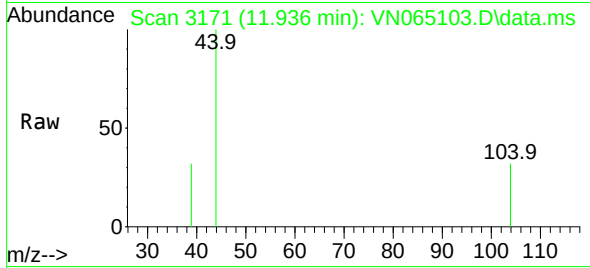




#70
Styrene
Concen: 1.38 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. -0.000 min
Lab File: VN065103.D
Acq: 14 Dec 2020 16:19

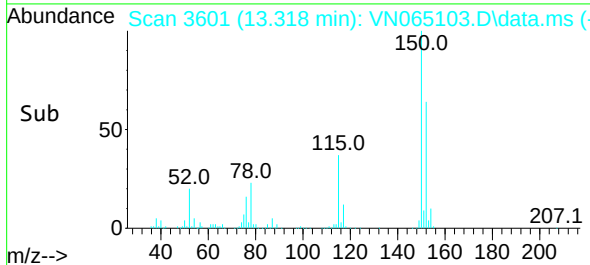
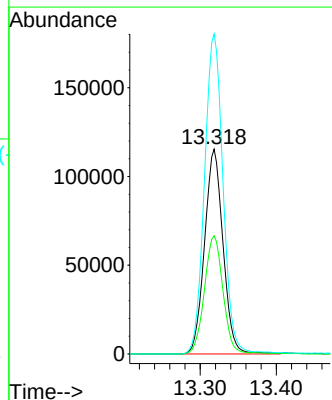
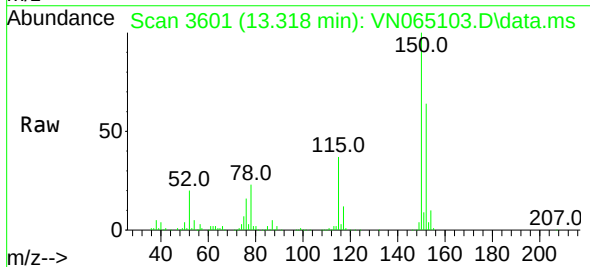
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

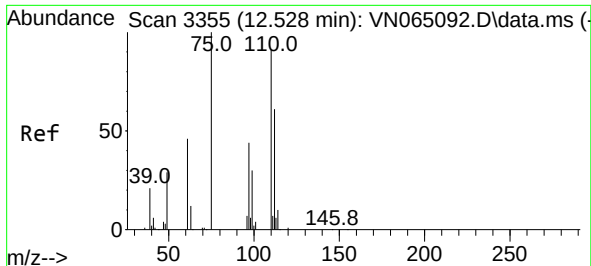
Tgt Ion:	104	Resp:	29
Ion Ratio	Lower	Upper	
104	100		
78	0.0	39.0	58.6#
103	0.0	44.3	66.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.003 min
Lab File: VN065103.D
Acq: 14 Dec 2020 16:19

Tgt Ion:	152	Resp:	195343
Ion Ratio	Lower	Upper	
152	100		
115	57.6	29.7	89.1
150	156.3	0.0	350.6

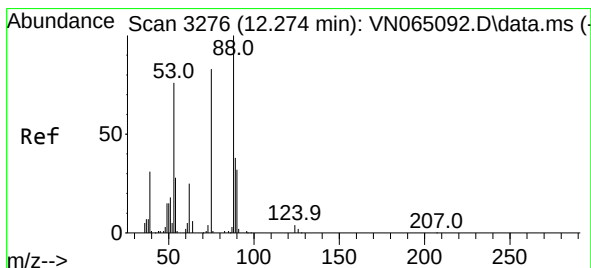
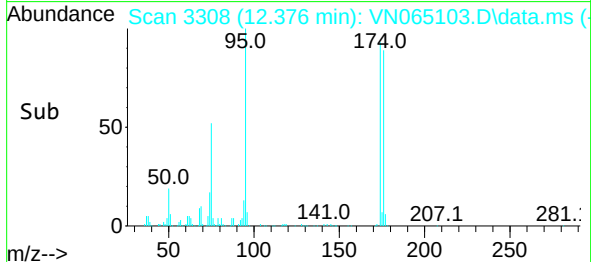
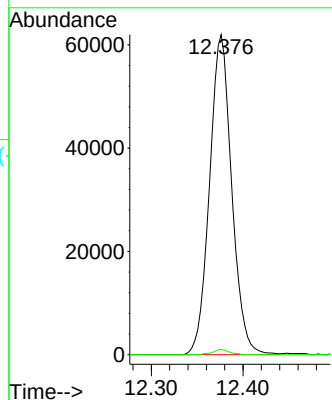
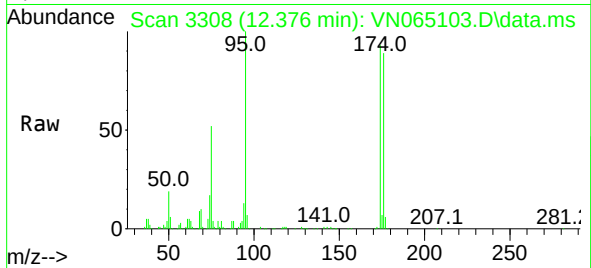




#76
1,2,3-Trichloropropane
Concen: 29.66 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.152 min
Lab File: VN065103.D
Acq: 14 Dec 2020 16:19

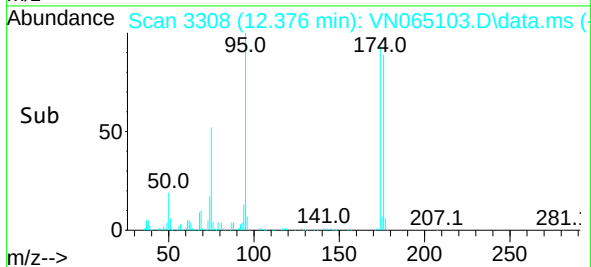
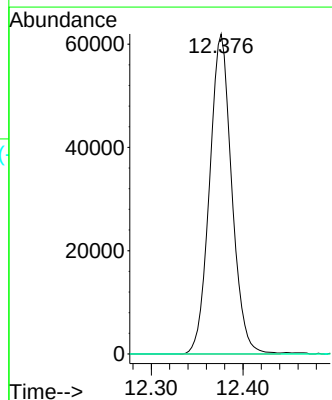
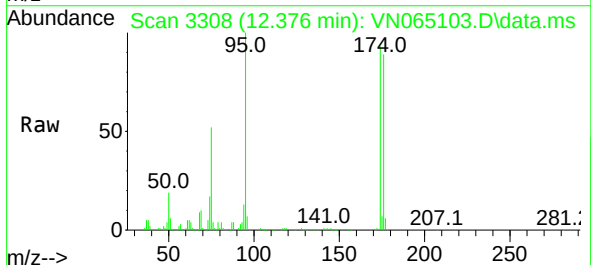
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

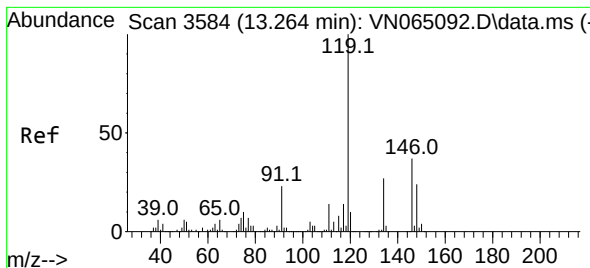
Tgt Ion: 75 Resp: 103954
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.52 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.102 min
Lab File: VN065103.D
Acq: 14 Dec 2020 16:19

Tgt Ion: 75 Resp: 103954
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

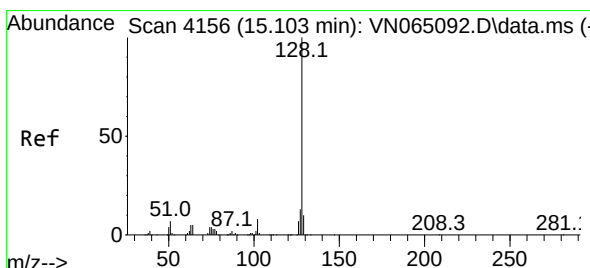
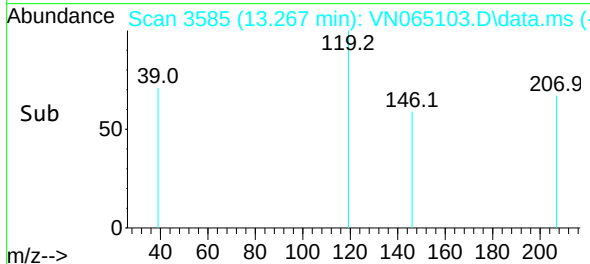
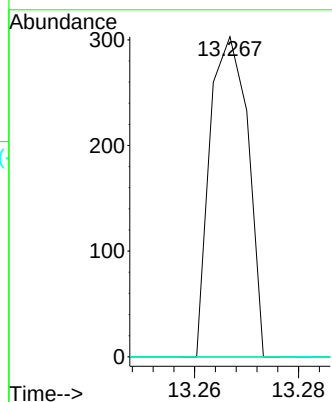
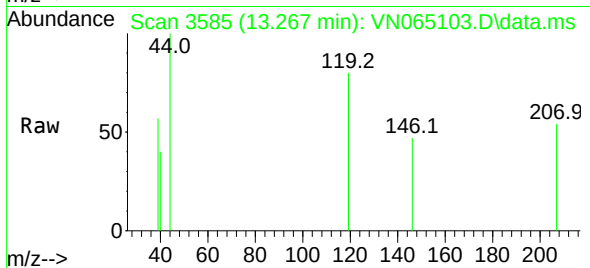




#86
p-Isopropyltoluene
Concen: 1.08 ug/l
RT: 13.267 min Scan# 3585
Delta R.T. 0.003 min
Lab File: VN065103.D
Acq: 14 Dec 2020 16:19

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:	119	Resp:	153
Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.1	39.1#
91	0.0	11.5	34.5#



#95
Naphthalene
Concen: 4.22 ug/l
RT: 15.138 min Scan# 4167
Delta R.T. 0.035 min
Lab File: VN065103.D
Acq: 14 Dec 2020 16:19

Tgt Ion:	128	Resp:	31
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#

