

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065122.D
 Acq On : 15 Dec 2020 00:35
 Operator : JC/MD
 Sample : L5085-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 06:43:18 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)

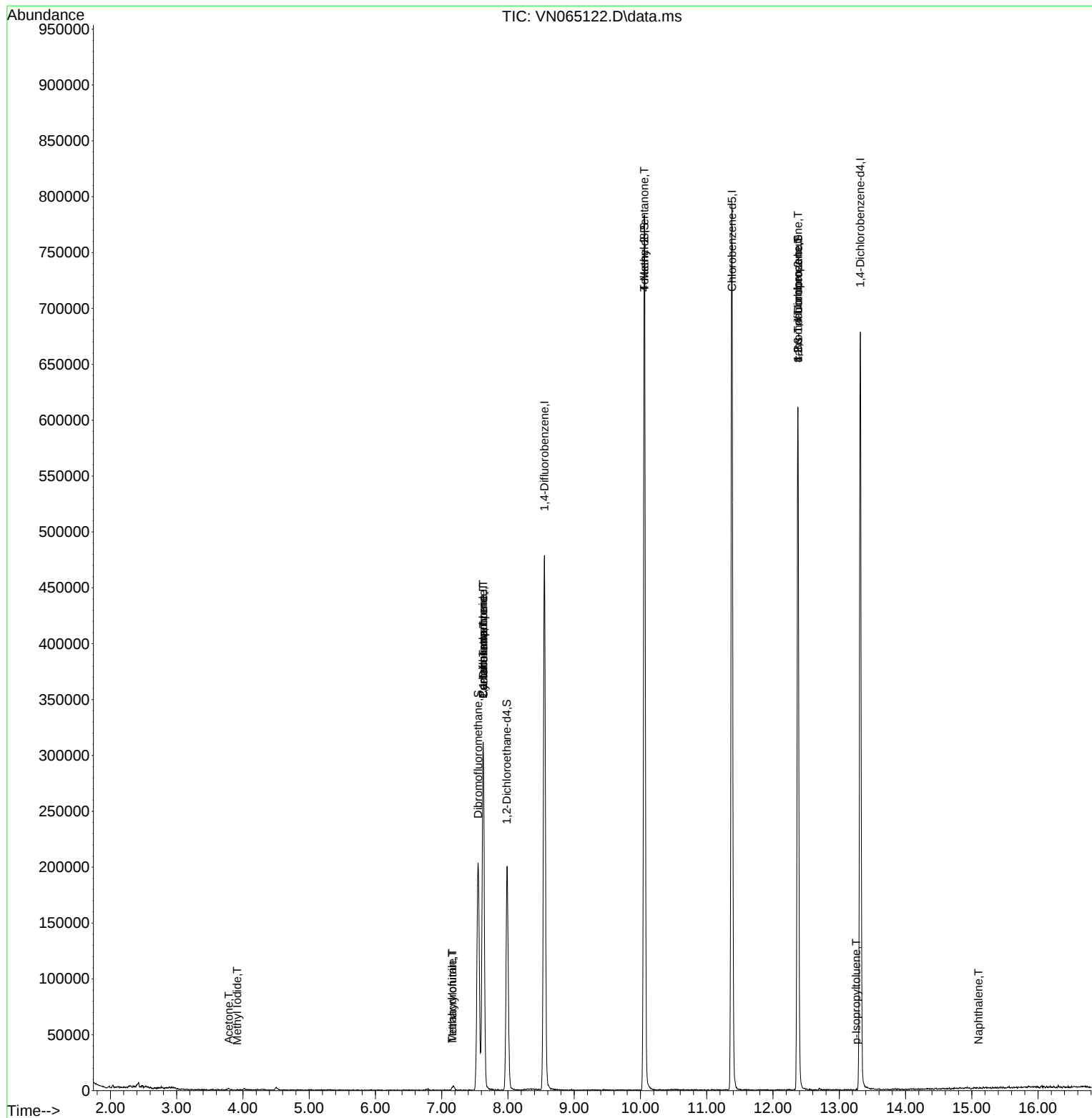
Internal Standards						
1) Pentafluorobenzene	7.624	168	262251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	444124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	476893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	195182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	170283	56.48	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.96%			
35) Dibromofluoromethane	7.550	113	155329	50.32	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.64%			
50) Toluene-d8	10.058	98	556733	51.00	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.00%			
62) 4-Bromofluorobenzene	12.376	95	203442	54.11	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.22%			
Target Compounds						Qvalue
3) Chloromethane	2.039	50	1411	Below Cal		94
5) Bromomethane	2.531	94	32	Below Cal		100
10) Methyl Iodide	3.914	142	171	3.98 ug/l #		40
16) Acetone	3.785	43	1760	1.57 ug/l		90
20) Methylene Chloride	4.512	84	1326	Below Cal #		66
29) Tetrahydrofuran	7.158	42	962	1.09 ug/l #		59
31) Cyclohexane	7.627	56	4760	1.16 ug/l #		1
36) 1,1-Dichloropropene	7.624	75	18186	4.29 ug/l #		48
38) Carbon Tetrachloride	7.624	117	24390	4.98 ug/l #		16
41) Methacrylonitrile	7.161	41	859	0.50 ug/l #		37
51) 4-Methyl-2-Pentanone	10.058	43	2403	0.70 ug/l #		1
76) 1,2,3-Trichloropropane	12.376	75	104853	29.94 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.376	75	104853	83.30 ug/l #		15
86) p-Isopropyltoluene	13.257	119	224	1.08 ug/l #		51
95) Naphthalene	15.103	128	29	4.22 ug/l #		69

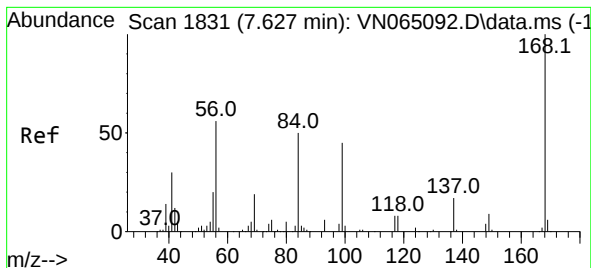
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 15 05:41:47 2020
Response via : Initial Calibration

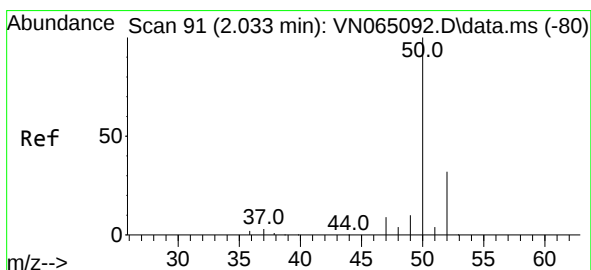
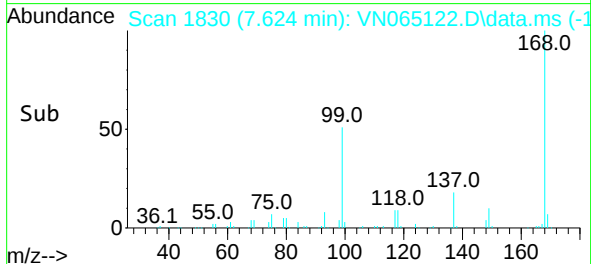
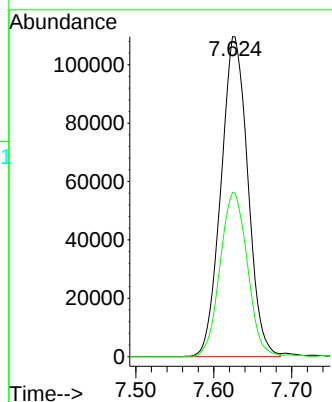
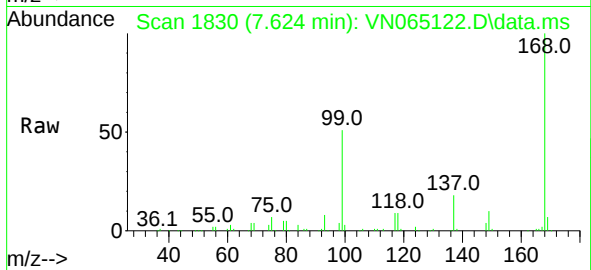




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN065122.D
Acq: 15 Dec 2020 00:35

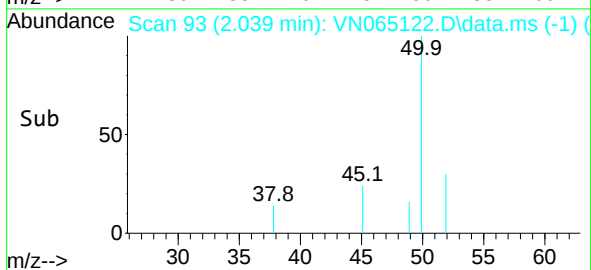
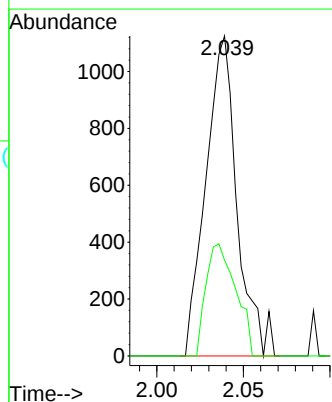
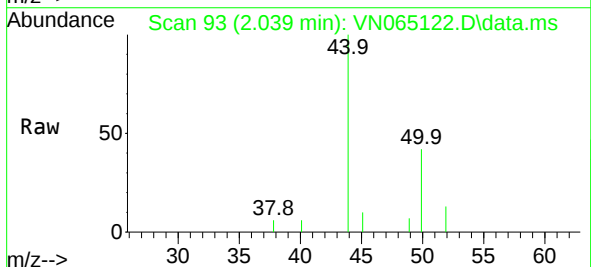
Instrument :
MSVOA_N
ClientSampleId :

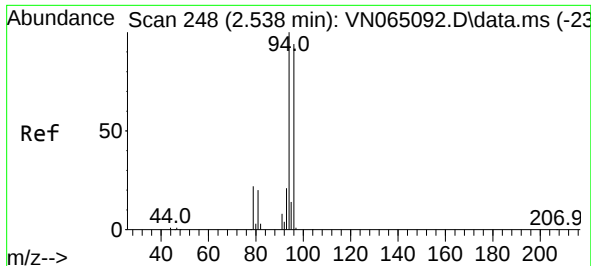
Tgt Ion:168 Resp: 262251
Ion Ratio Lower Upper
168 100
99 51.3 43.0 64.4



#3
Chloromethane
Concen: Below Cal
RT: 2.039 min Scan# 93
Delta R.T. 0.006 min
Lab File: VN065122.D
Acq: 15 Dec 2020 00:35

Tgt Ion: 50 Resp: 1411
Ion Ratio Lower Upper
50 100
52 30.0 26.6 39.8

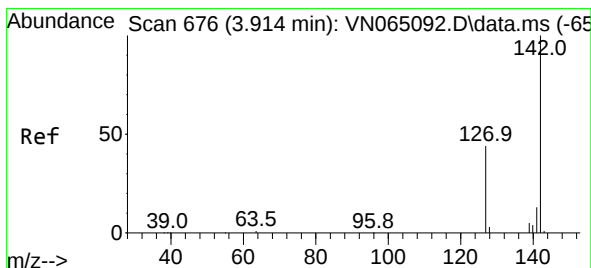
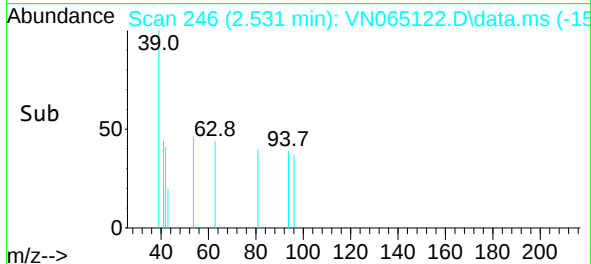
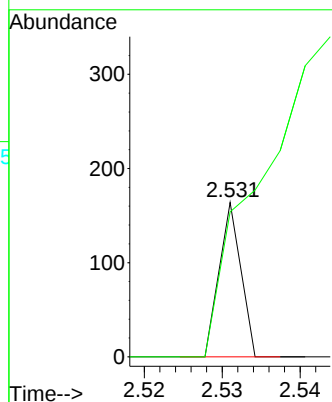
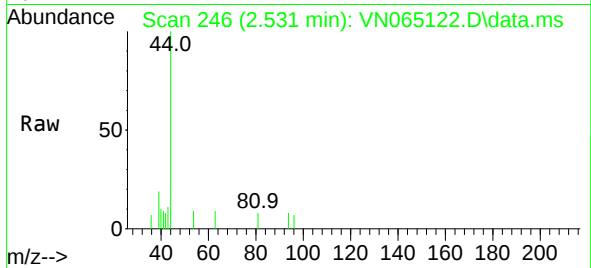




#5
Bromomethane
Concen: Below Cal
RT: 2.531 min Scan# 246
Delta R.T. -0.007 min
Lab File: VN065122.D
Acq: 15 Dec 2020 00:35

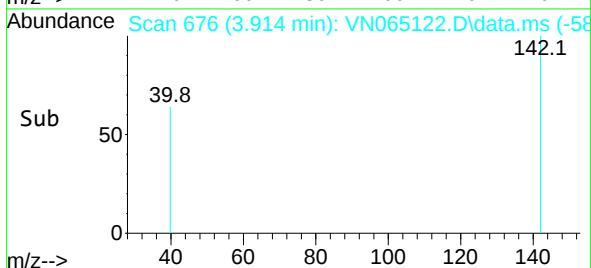
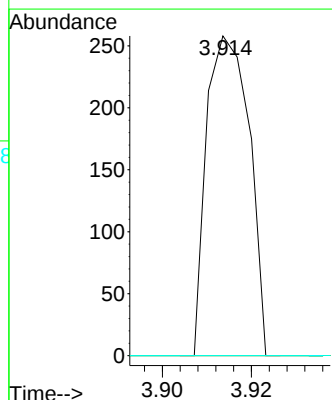
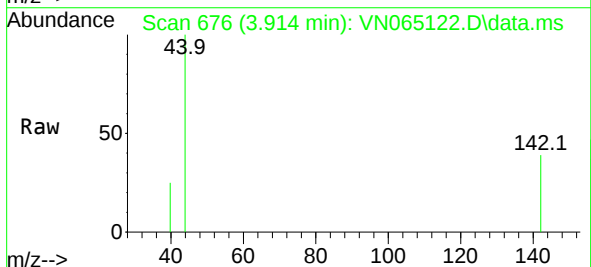
Instrument :
MSVOA_N
ClientSampled :

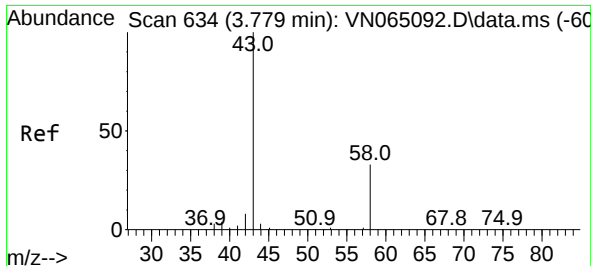
Tgt Ion: 94 Resp: 32
Ion Ratio Lower Upper
94 100
96 93.9 75.4 113.0



#10
Methyl Iodide
Concen: 3.98 ug/l
RT: 3.914 min Scan# 676
Delta R.T. -0.000 min
Lab File: VN065122.D
Acq: 15 Dec 2020 00:35

Tgt Ion:142 Resp: 171
Ion Ratio Lower Upper
142 100
127 0.0 35.0 52.6#
141 0.0 11.8 17.6#

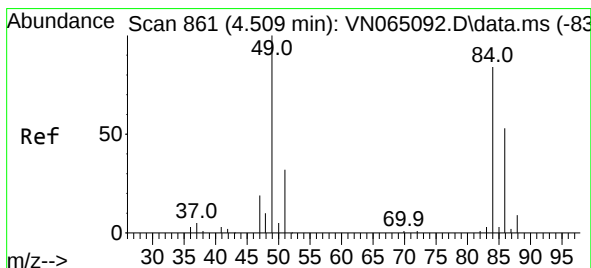
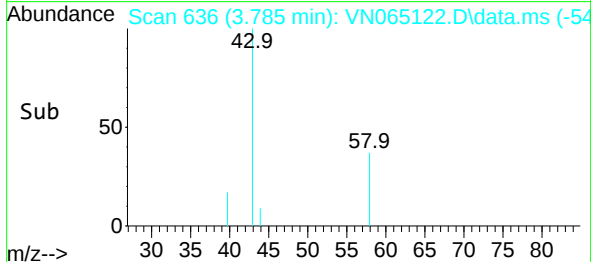
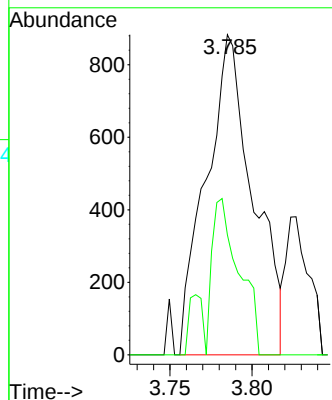
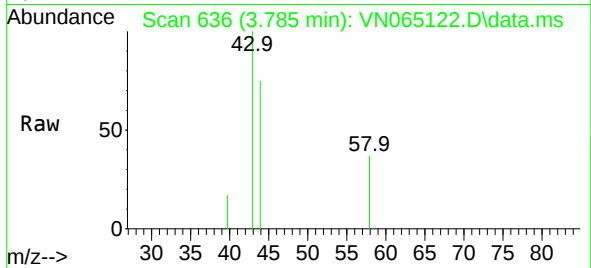




#16
Acetone
Concen: 1.57 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.006 min
Lab File: VN065122.D
Acq: 15 Dec 2020 00:35

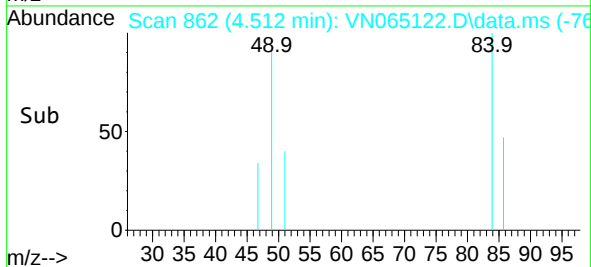
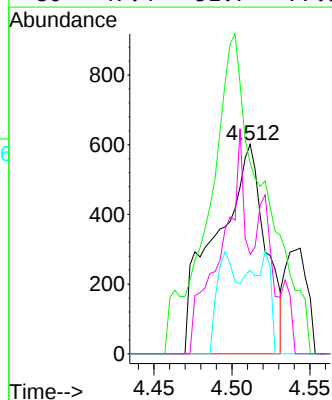
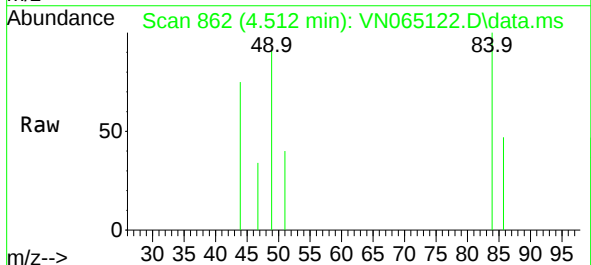
Instrument :
MSVOA_N
ClientSampleId :

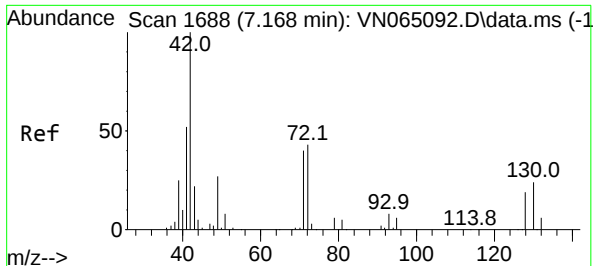
Tgt Ion: 43 Resp: 1760
Ion Ratio Lower Upper
43 100
58 37.5 25.7 38.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.512 min Scan# 862
Delta R.T. 0.003 min
Lab File: VN065122.D
Acq: 15 Dec 2020 00:35

Tgt Ion: 84 Resp: 1326
Ion Ratio Lower Upper
84 100
49 64.1 93.4 140.0#
51 39.9 28.2 42.4
86 47.4 51.7 77.5#





#29

Tetrahydrofuran

Concen: 1.09 ug/l

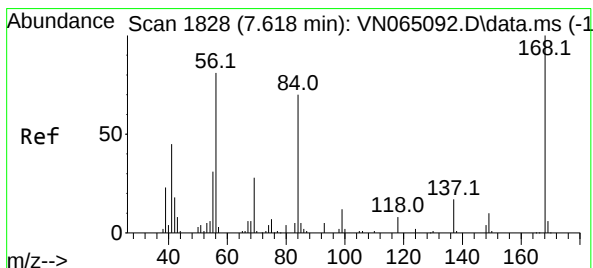
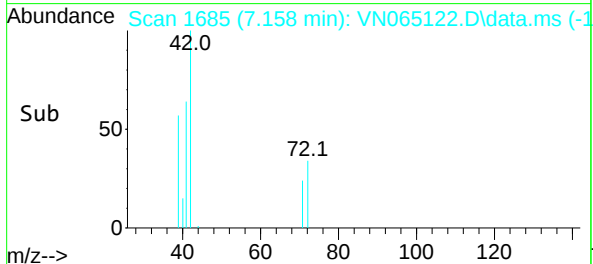
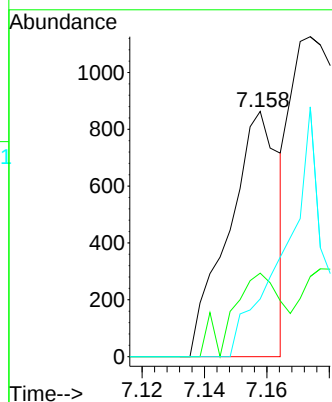
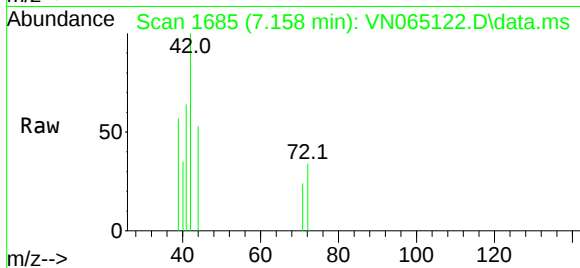
RT: 7.158 min Scan# 1685

Delta R.T. -0.010 min

Lab File: VN065122.D

Acq: 15 Dec 2020 00:35

Tgt Ion:	42	Resp:	962
Ion	Ratio	Lower	Upper
42	100		
72	33.8	36.6	54.8#
71	0.0	33.6	50.4#



#31

Cyclohexane

Concen: 1.16 ug/l

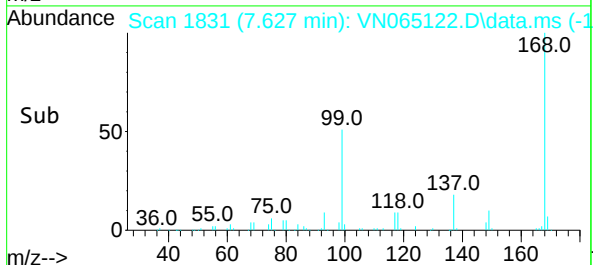
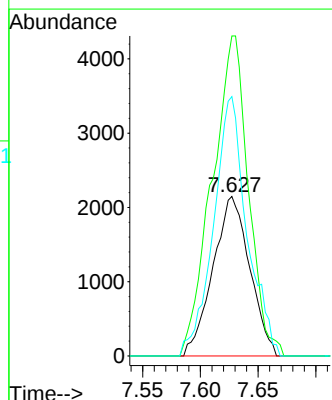
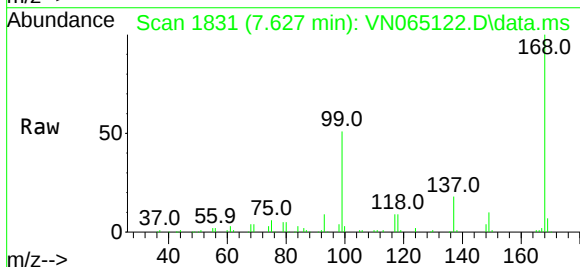
RT: 7.627 min Scan# 1831

Delta R.T. 0.009 min

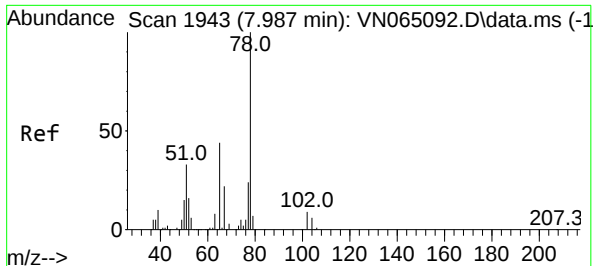
Lab File: VN065122.D

Acq: 15 Dec 2020 00:35

Tgt Ion:	56	Resp:	4760
Ion	Ratio	Lower	Upper
56	100		
69	200.6	27.5	41.3#
84	162.6	73.9	110.9#

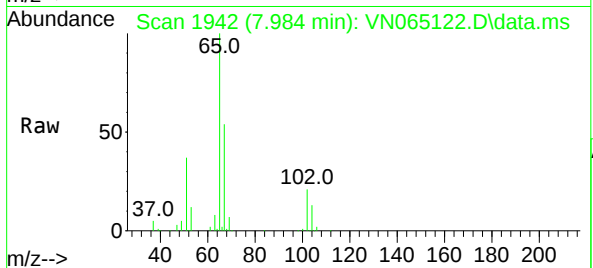


Instrument :
MSVOA_N
ClientSampleId :

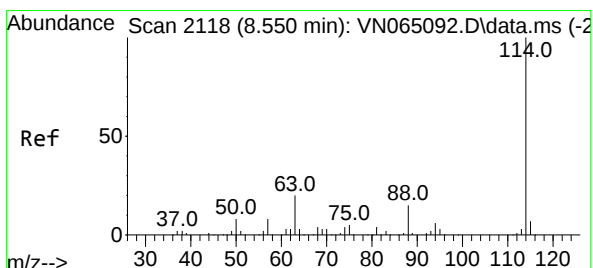
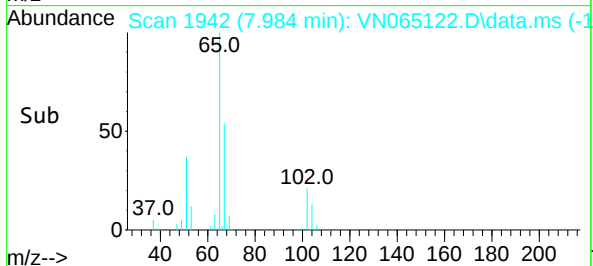
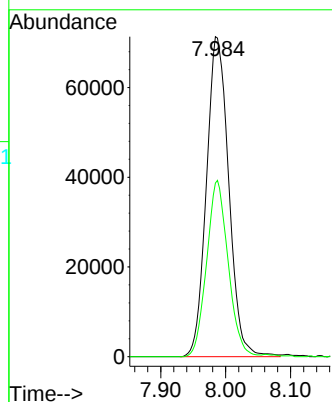


#33
1,2-Dichloroethane-d4
Concen: 56.48 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065122.D
Acq: 15 Dec 2020 00:35

Instrument :
MSVOA_N
ClientSampled :

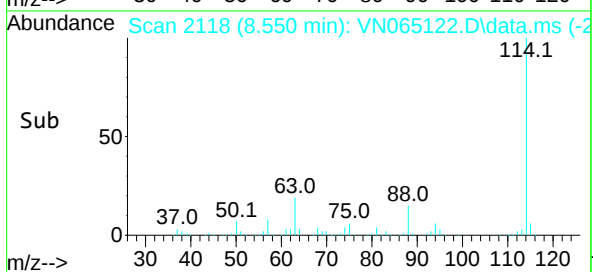
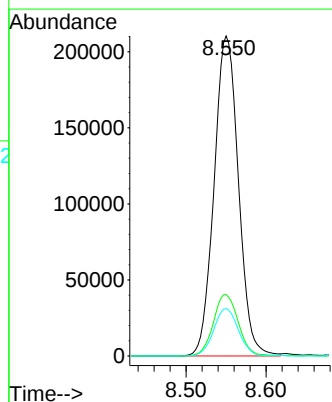
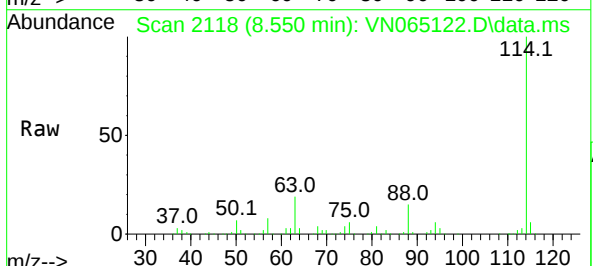


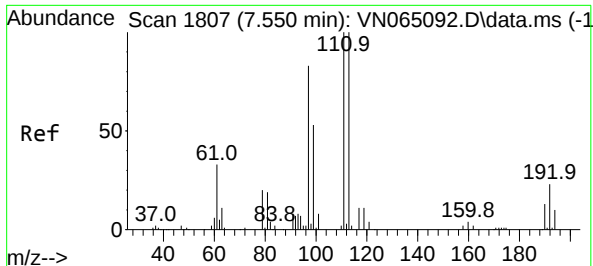
Tgt Ion: 65 Resp: 170283
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065122.D
Acq: 15 Dec 2020 00:35

Tgt Ion: 114 Resp: 444124
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.6
88 14.8 0.0 32.6

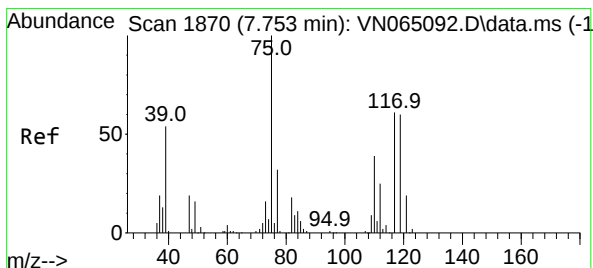
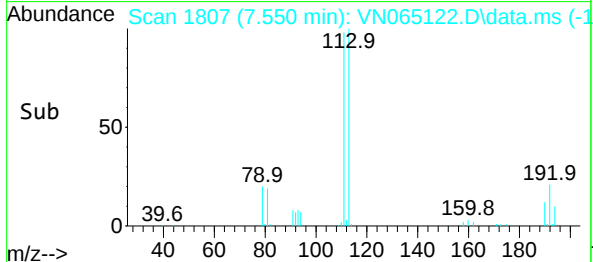
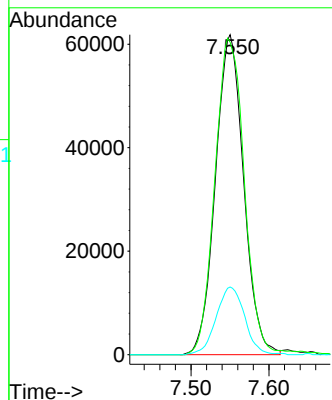
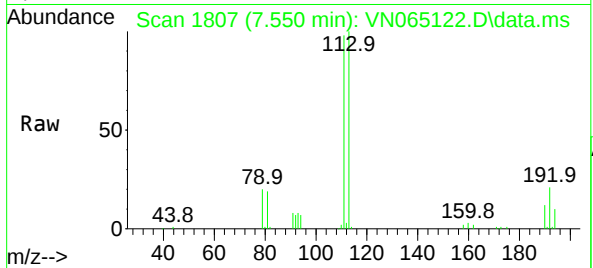




#35
Dibromofluoromethane
Concen: 50.32 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065122.D
Acq: 15 Dec 2020 00:35

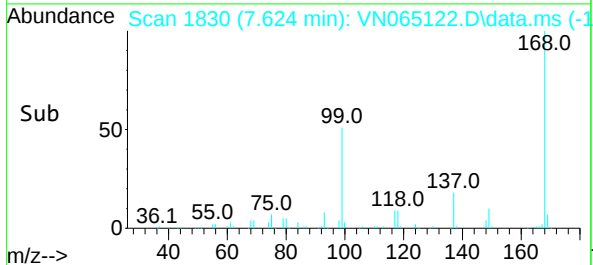
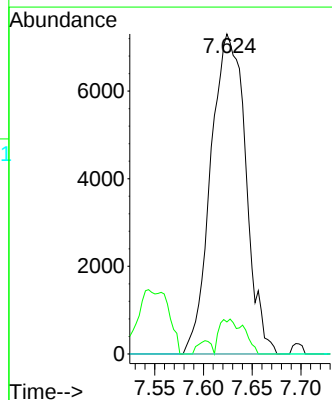
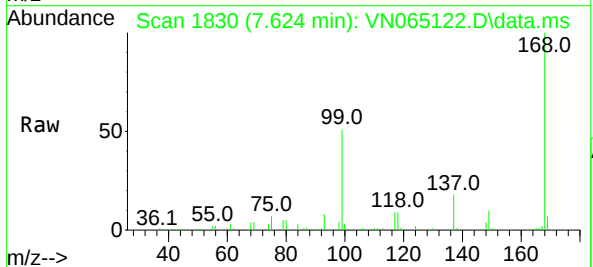
Instrument :
MSVOA_N
ClientSampleId :

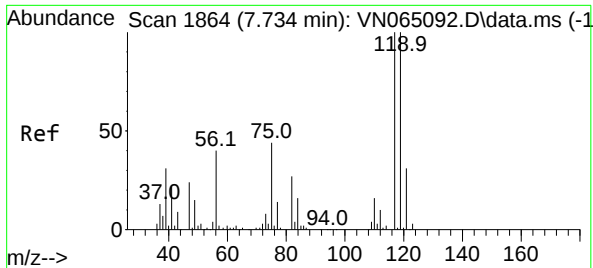
Tgt Ion:113 Resp: 155329
Ion Ratio Lower Upper
113 100
111 103.3 81.6 122.4
192 21.4 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.29 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.129 min
Lab File: VN065122.D
Acq: 15 Dec 2020 00:35

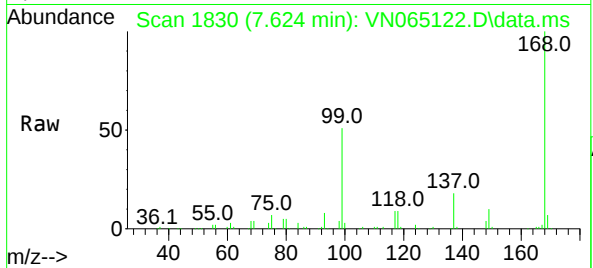
Tgt Ion: 75 Resp: 18186
Ion Ratio Lower Upper
75 100
110 7.7 17.8 53.3#
77 0.0 25.0 37.4#



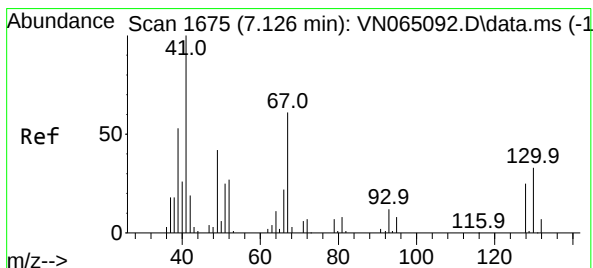
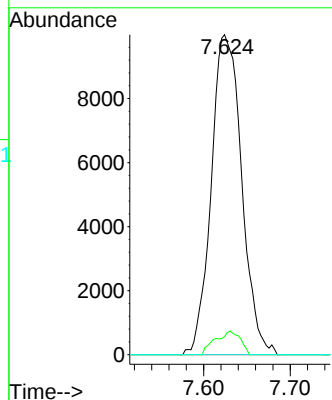
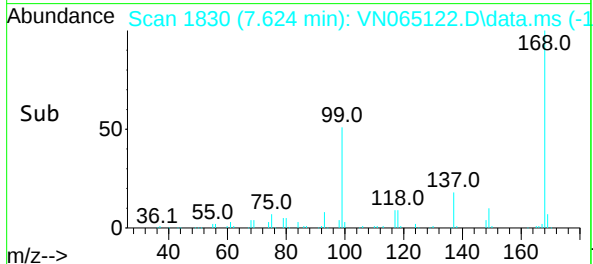


#38
Carbon Tetrachloride
Concen: 4.98 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.110 min
Lab File: VN065122.D
Acq: 15 Dec 2020 00:35

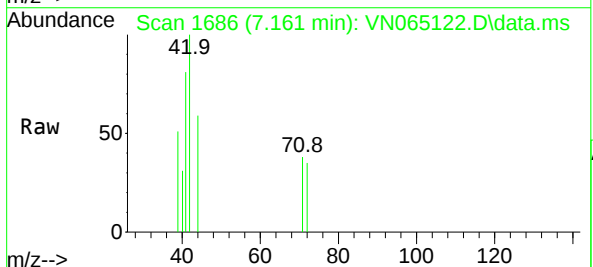
Instrument :
MSVOA_N
ClientSampled :



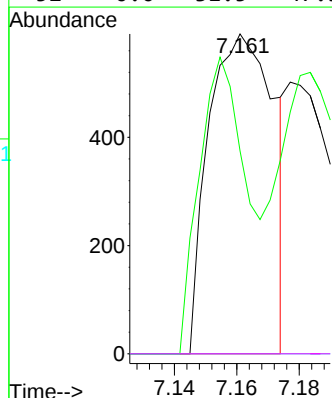
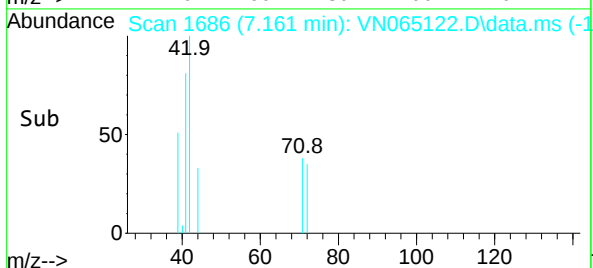
Tgt Ion:117 Resp: 24390
Ion Ratio Lower Upper
117 100
119 5.7 76.7 115.1#
121 0.0 25.4 38.2#

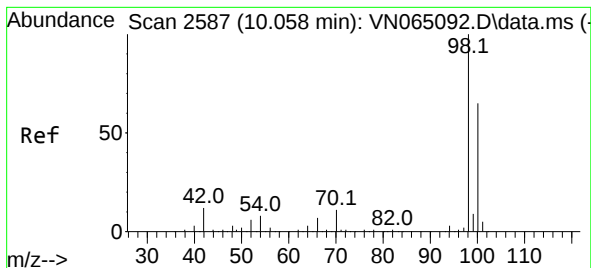


#41
Methacrylonitrile
Concen: 0.50 ug/l
RT: 7.161 min Scan# 1686
Delta R.T. 0.035 min
Lab File: VN065122.D
Acq: 15 Dec 2020 00:35



Tgt Ion: 41 Resp: 859
Ion Ratio Lower Upper
41 100
39 66.8 51.0 76.6
67 0.0 79.8 119.8#
52 0.0 31.5 47.3#

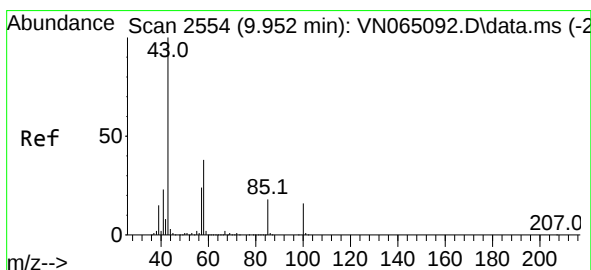
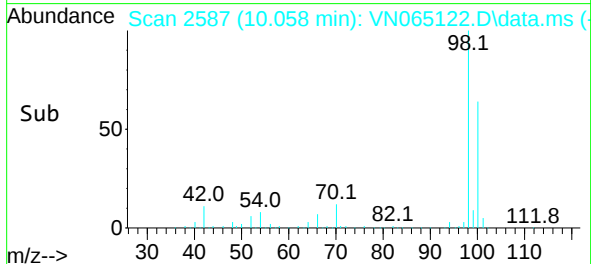
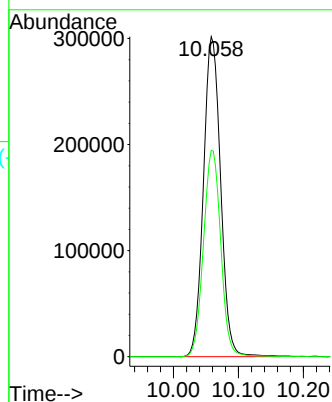
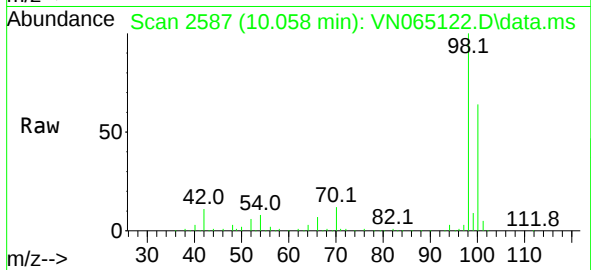




#50
Toluene-d8
Concen: 51.00 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065122.D
Acq: 15 Dec 2020 00:35

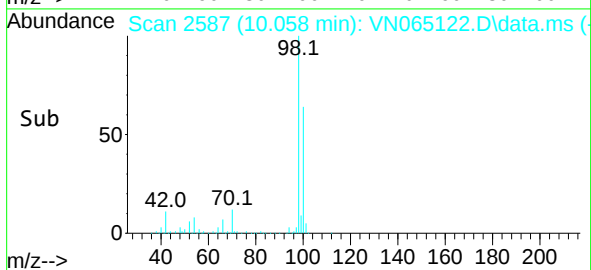
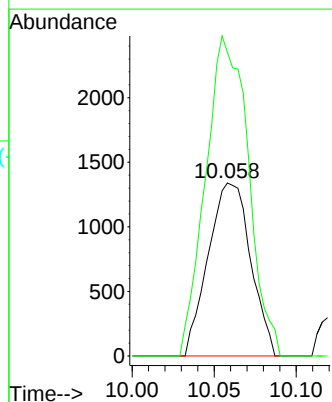
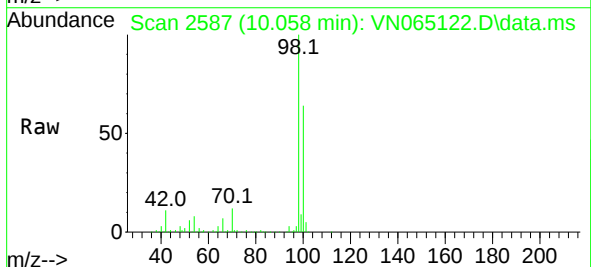
Instrument :
MSVOA_N
ClientSampled :

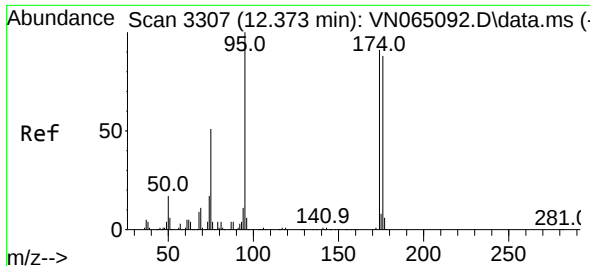
Tgt Ion: 98 Resp: 556733
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.70 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN065122.D
Acq: 15 Dec 2020 00:35

Tgt Ion: 43 Resp: 2403
Ion Ratio Lower Upper
43 100
58 186.4 32.4 48.6#

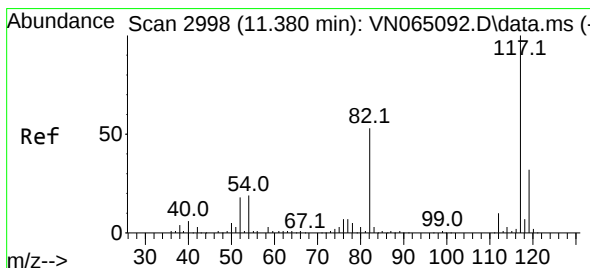
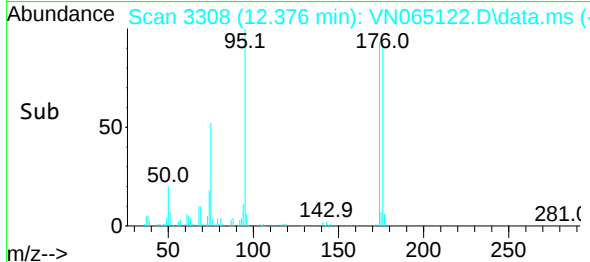
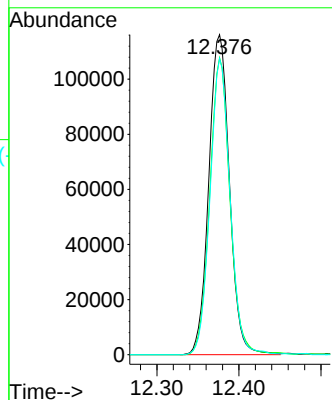
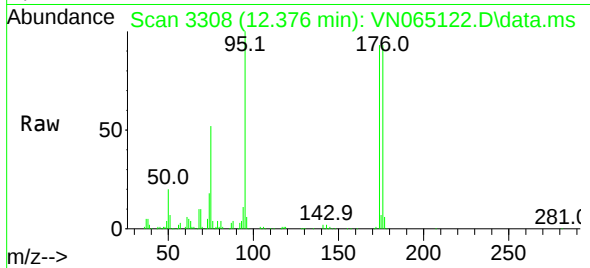




#62
4-Bromofluorobenzene
Concen: 54.11 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065122.D
Acq: 15 Dec 2020 00:35

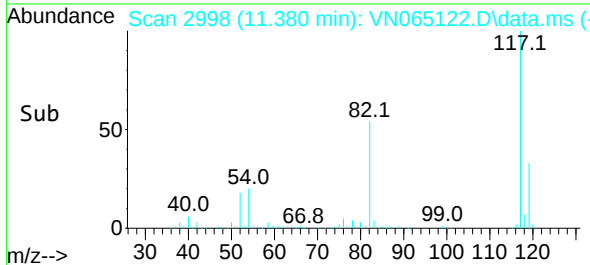
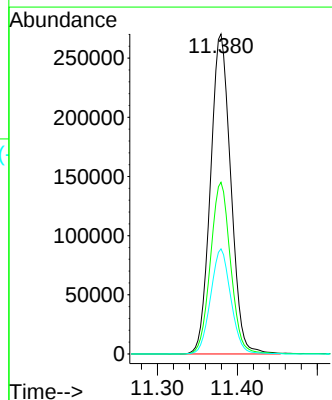
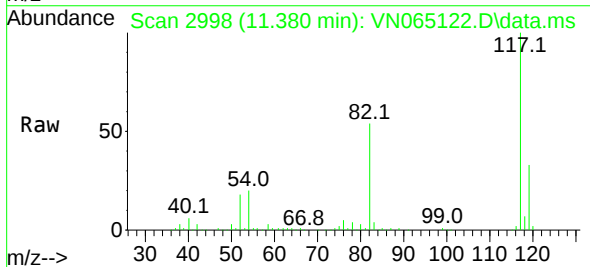
Instrument :
MSVOA_N
ClientSampleId :

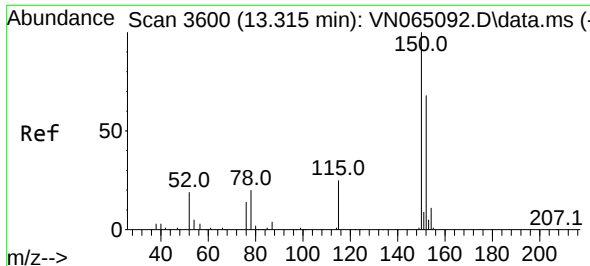
Tgt Ion:	95	Resp:	203442
Ion Ratio	Lower	Upper	
95	100		
174	90.3	0.0	160.4
176	89.7	0.0	158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065122.D
Acq: 15 Dec 2020 00:35

Tgt Ion:	117	Resp:	476893
Ion Ratio	Lower	Upper	
117	100		
82	53.6	44.2	66.2
119	32.8	25.8	38.6

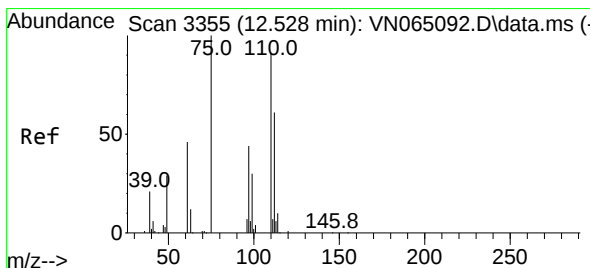
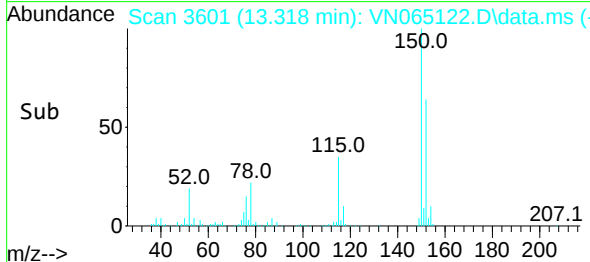
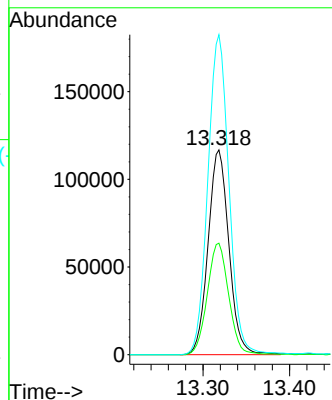
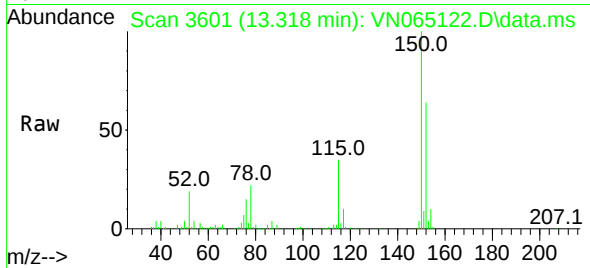




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.003 min
 Lab File: VN065122.D
 Acq: 15 Dec 2020 00:35

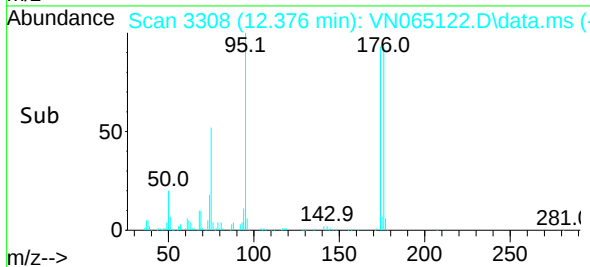
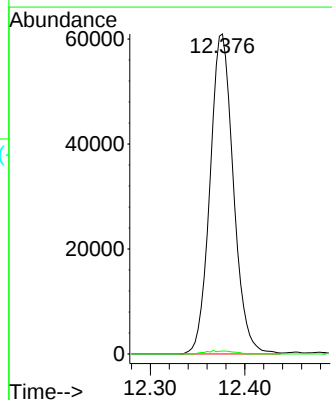
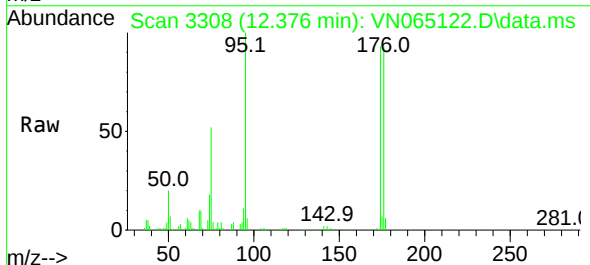
Instrument :
 MSVOA_N
 ClientSampled :

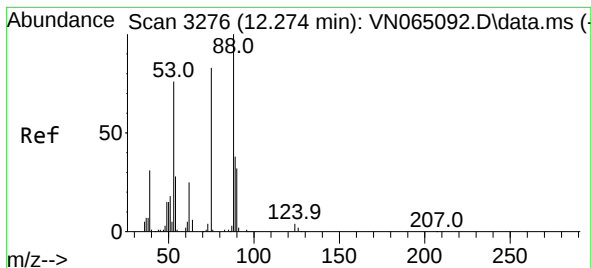
Tgt Ion:152 Resp: 195182
 Ion Ratio Lower Upper
 152 100
 115 55.6 29.7 89.1
 150 158.0 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 29.94 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. -0.152 min
 Lab File: VN065122.D
 Acq: 15 Dec 2020 00:35

Tgt Ion: 75 Resp: 104853
 Ion Ratio Lower Upper
 75 100
 77 0.5 0.0 0.0#

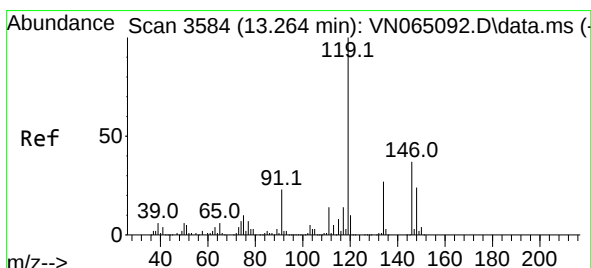
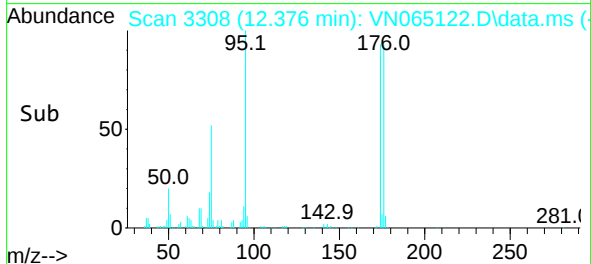
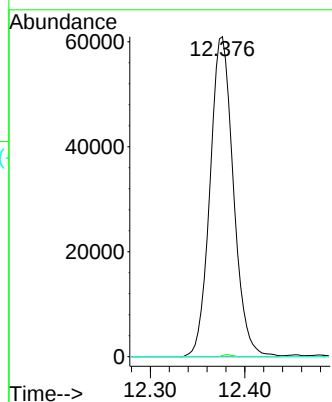
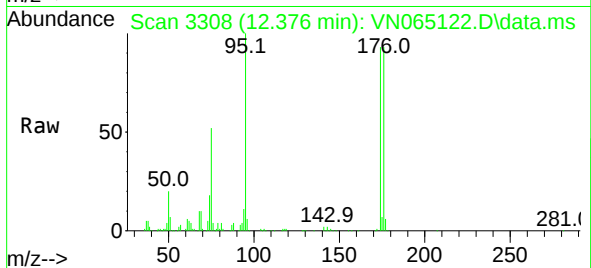




#81
trans-1,4-Dichloro-2-butene
Concen: 83.30 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.102 min
Lab File: VN065122.D
Acq: 15 Dec 2020 00:35

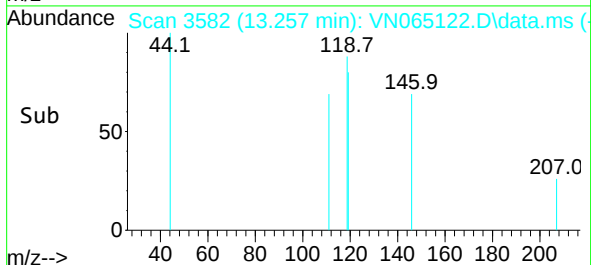
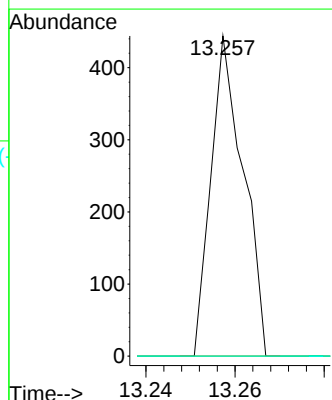
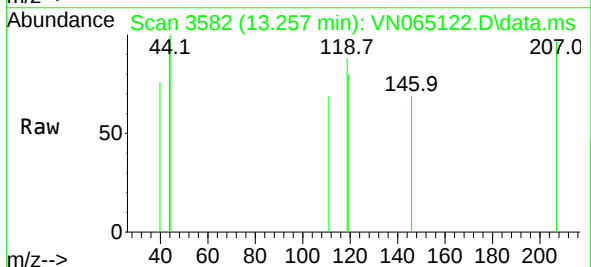
Instrument :
MSVOA_N
ClientSampled :

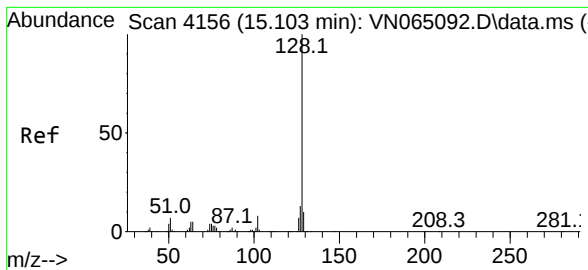
Tgt Ion: 75 Resp: 104853
Ion Ratio Lower Upper
75 100
53 0.2 67.0 100.4#
89 0.0 39.6 59.4#



#86
p-Isopropyltoluene
Concen: 1.08 ug/l
RT: 13.257 min Scan# 3582
Delta R.T. -0.007 min
Lab File: VN065122.D
Acq: 15 Dec 2020 00:35

Tgt Ion: 119 Resp: 224
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: 15.103 min Scan# 4156
Delta R.T. -0.000 min
Lab File: VN065122.D
Acq: 15 Dec 2020 00:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 29
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#

