

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065101.D
 Acq On : 14 Dec 2020 15:32
 Operator : JC/MD
 Sample : L5050-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 05:49:32 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)

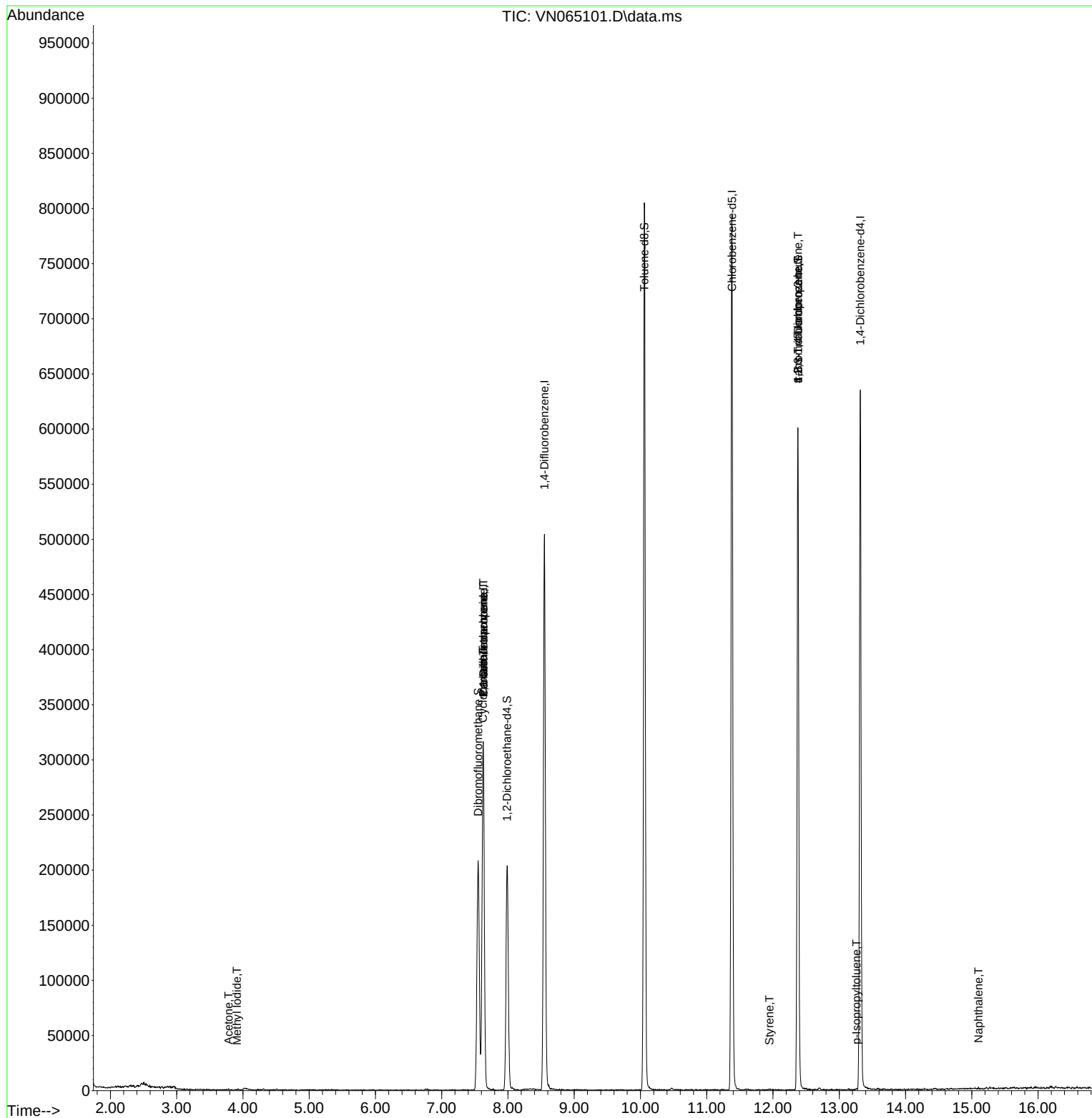
Internal Standards						
1) Pentafluorobenzene	7.627	168	249255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	433536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	446656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	165933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	183626	64.08	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 128.16%			
35) Dibromofluoromethane	7.550	113	153629	50.98	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.96%			
50) Toluene-d8	10.058	98	541432	50.81	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.62%			
62) 4-Bromofluorobenzene	12.376	95	200567	54.65	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.30%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.033	50	590	Below Cal	#	58
5) Bromomethane	2.538	94	229	Below Cal	#	28
10) Methyl Iodide	3.910	142	300	4.02 ug/l	#	40
16) Acetone	3.782	43	286	0.27 ug/l	#	43
20) Methylene Chloride	4.502	84	101	Below Cal	#	8
31) Cyclohexane	7.621	56	5872	1.51 ug/l	#	28
36) 1,1-Dichloropropene	7.627	75	19509	4.71 ug/l	#	51
38) Carbon Tetrachloride	7.627	117	24088	5.04 ug/l	#	16
70) Styrene	11.945	104	214	1.40 ug/l	#	36
76) 1,2,3-Trichloropropane	12.376	75	111328	37.39 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.376	75	111328	104.04 ug/l	#	15
86) p-Isopropyltoluene	13.261	119	316	1.09 ug/l	#	51
95) Naphthalene	15.100	128	115	4.23 ug/l	#	69

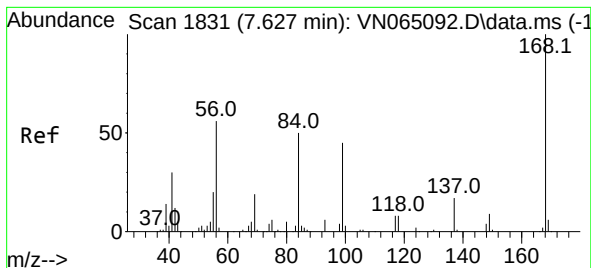
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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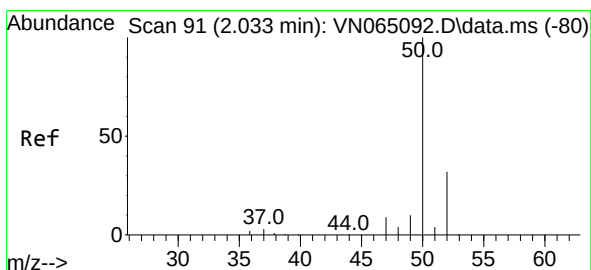
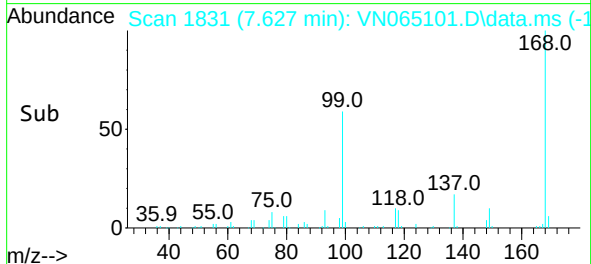
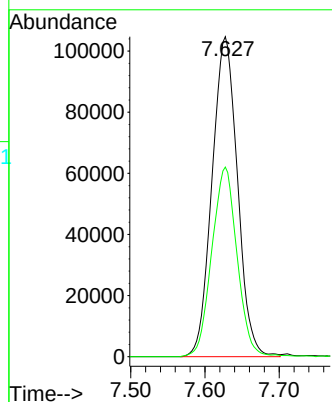
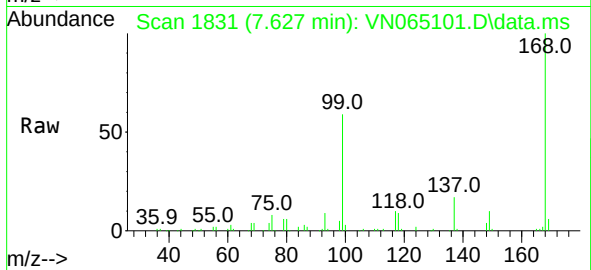




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065101.D
Acq: 14 Dec 2020 15:32

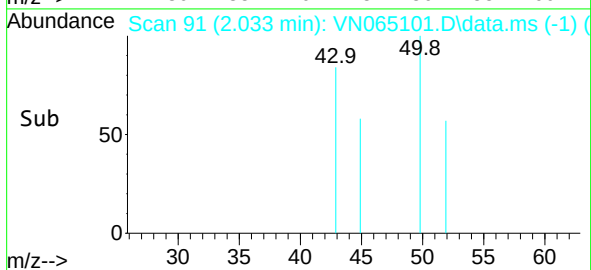
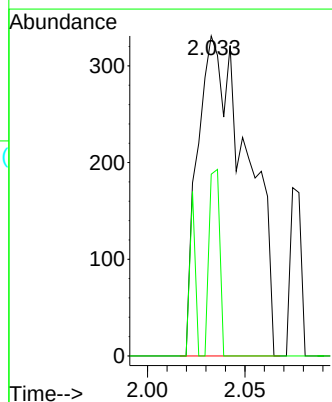
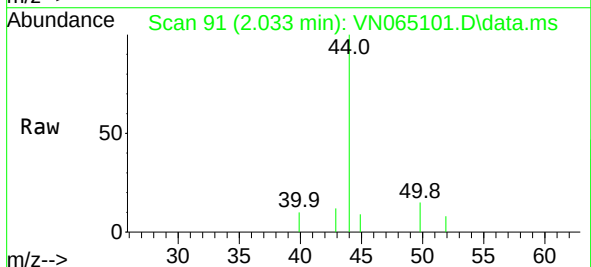
Instrument :
MSVOA_N
ClientSampled :

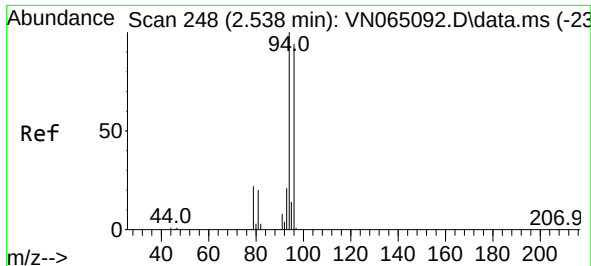
Tgt Ion:168 Resp: 249255
Ion Ratio Lower Upper
168 100
99 59.2 43.0 64.4



#3
Chloromethane
Concen: Below Cal
RT: 2.033 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN065101.D
Acq: 14 Dec 2020 15:32

Tgt Ion: 50 Resp: 590
Ion Ratio Lower Upper
50 100
52 56.8 26.6 39.8#

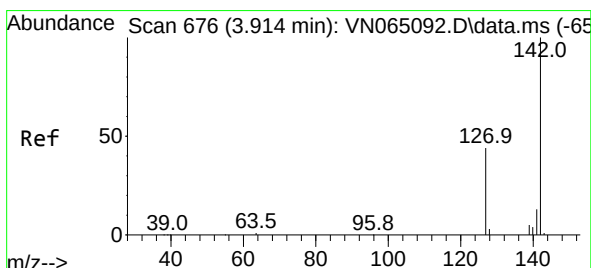
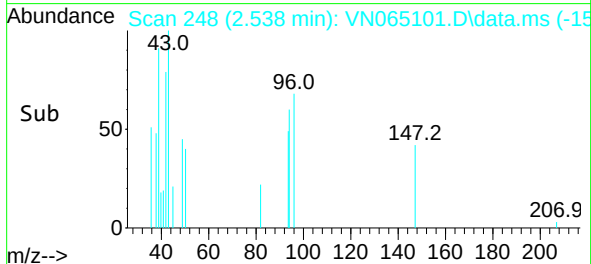
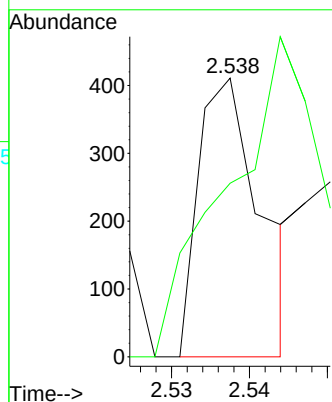
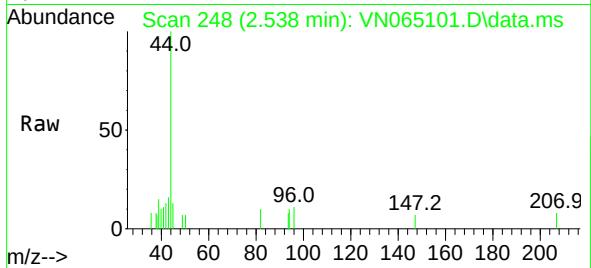




#5
Bromomethane
Concen: Below Cal
RT: 2.538 min Scan# 248
Delta R.T. -0.000 min
Lab File: VN065101.D
Acq: 14 Dec 2020 15:32

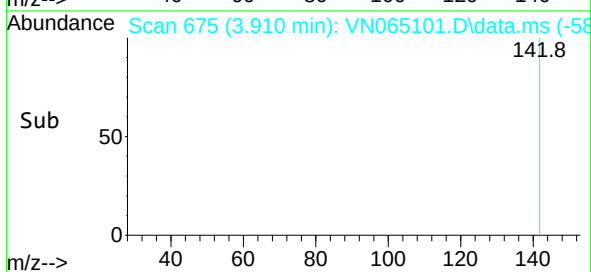
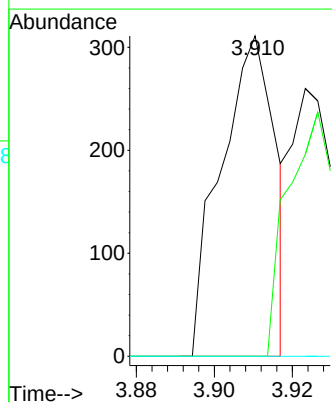
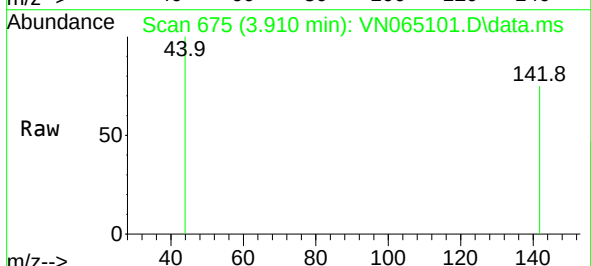
Instrument :
MSVOA_N
ClientSampleId :

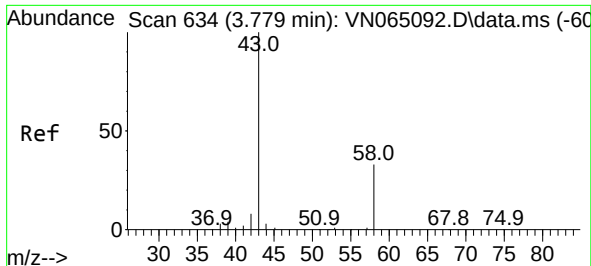
Tgt Ion: 94 Resp: 229
Ion Ratio Lower Upper
94 100
96 25.1 75.4 113.0#



#10
Methyl Iodide
Concen: 4.02 ug/l
RT: 3.910 min Scan# 675
Delta R.T. -0.004 min
Lab File: VN065101.D
Acq: 14 Dec 2020 15:32

Tgt Ion:142 Resp: 300
Ion Ratio Lower Upper
142 100
127 0.0 35.0 52.6#
141 0.0 11.8 17.6#

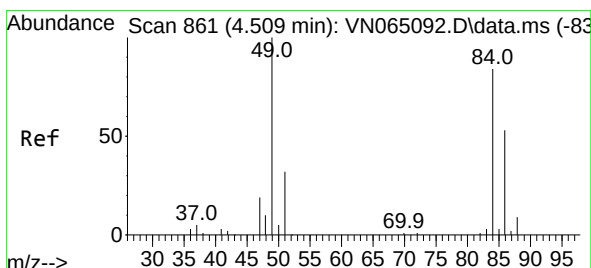
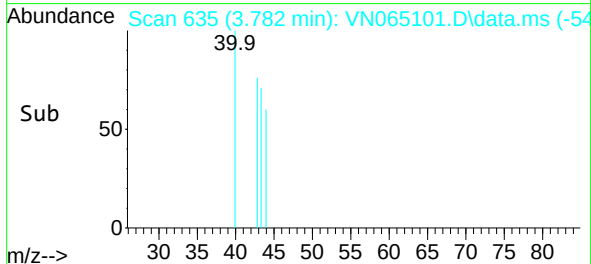
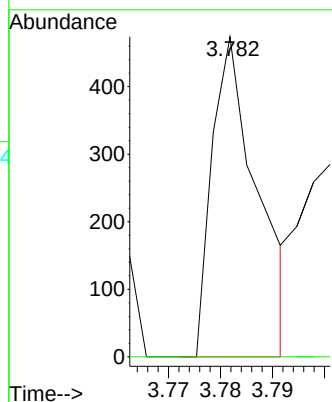
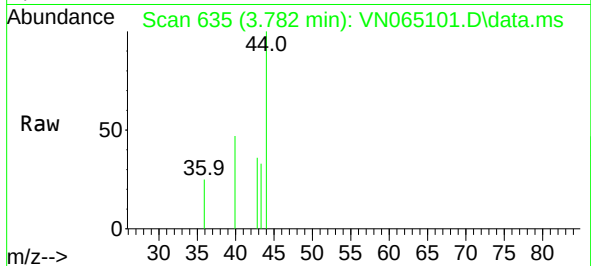




#16
Acetone
Concen: 0.27 ug/l
RT: 3.782 min Scan# 635
Delta R.T. 0.003 min
Lab File: VN065101.D
Acq: 14 Dec 2020 15:32

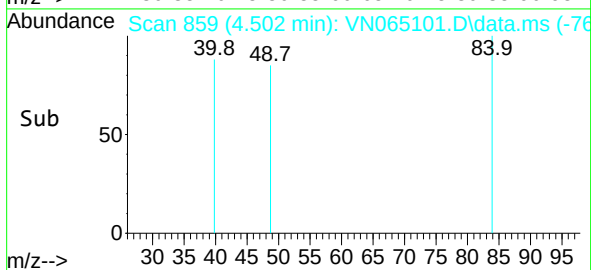
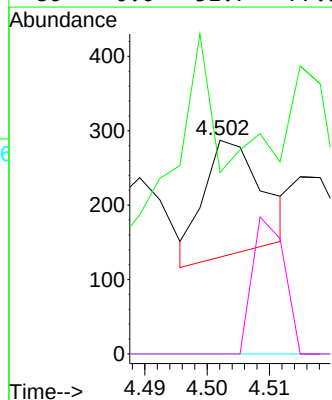
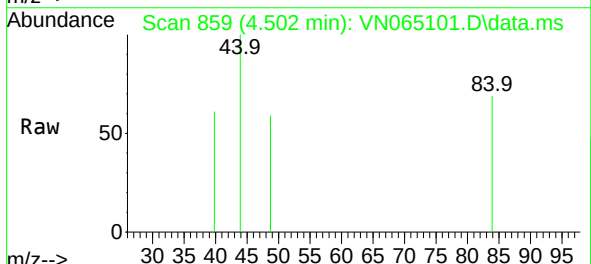
Instrument :
MSVOA_N
ClientSampled :

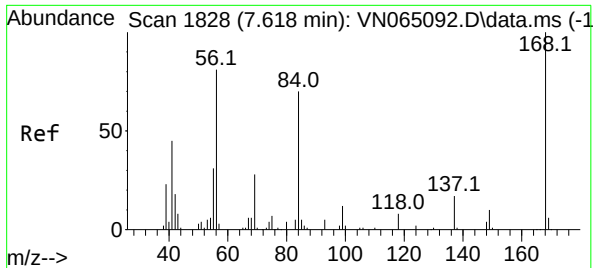
Tgt Ion: 43 Resp: 286
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.502 min Scan# 859
Delta R.T. -0.007 min
Lab File: VN065101.D
Acq: 14 Dec 2020 15:32

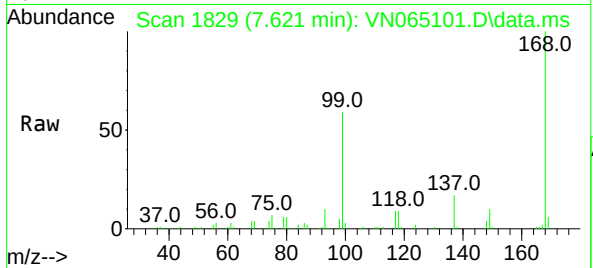
Tgt Ion: 84 Resp: 101
Ion Ratio Lower Upper
84 100
49 0.0 93.4 140.0#
51 0.0 28.2 42.4#
86 0.0 51.7 77.5#



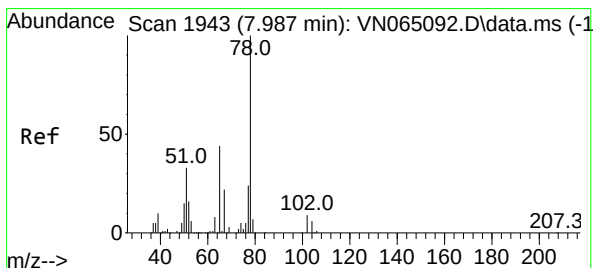
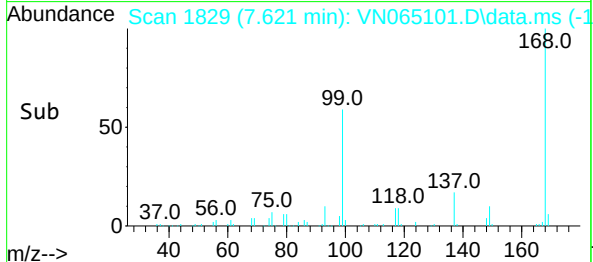
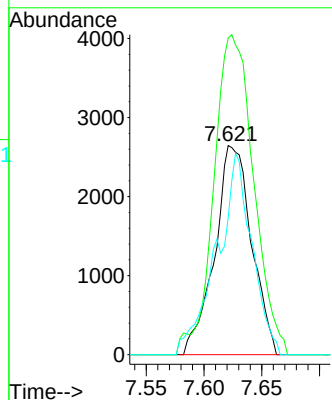


#31
Cyclohexane
Concen: 1.51 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.003 min
Lab File: VN065101.D
Acq: 14 Dec 2020 15:32

Instrument :
MSVOA_N
ClientSampleId :

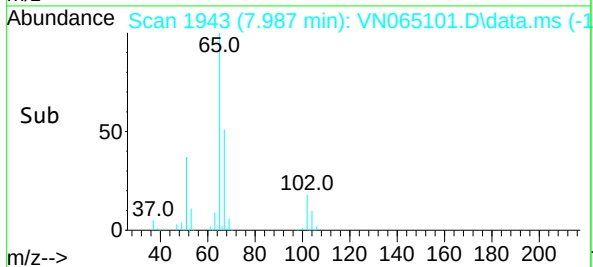
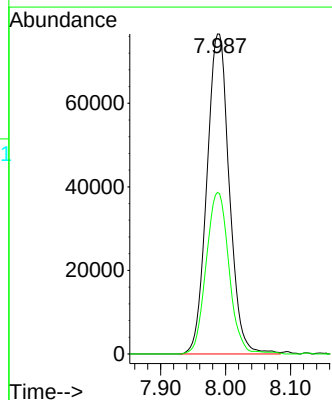
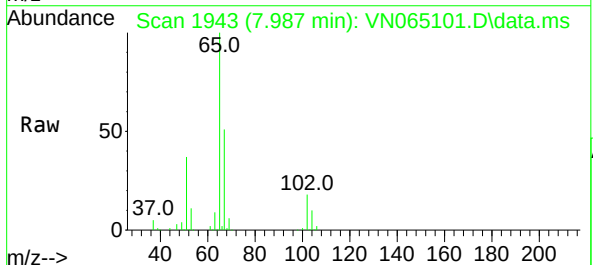


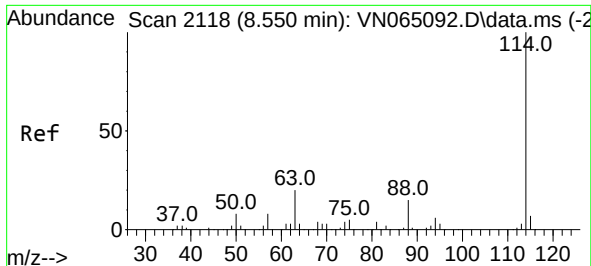
Tgt Ion: 56 Resp: 5872
Ion Ratio Lower Upper
56 100
69 143.8 27.5 41.3#
84 65.4 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 64.08 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065101.D
Acq: 14 Dec 2020 15:32

Tgt Ion: 65 Resp: 183626
Ion Ratio Lower Upper
65 100
67 51.7 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: VN065101.D

Acq: 14 Dec 2020 15:32

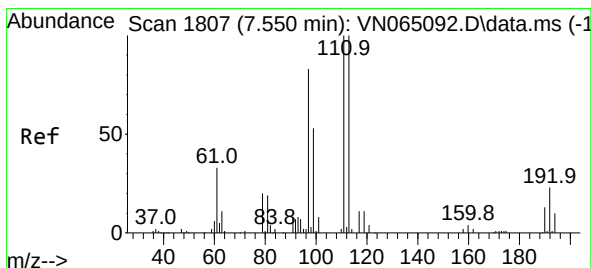
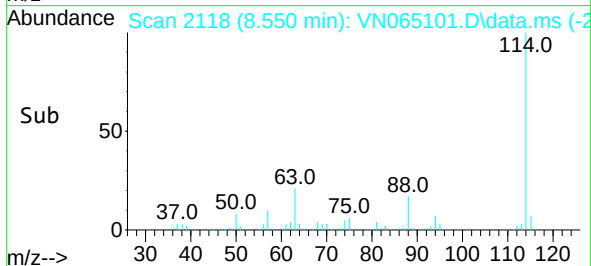
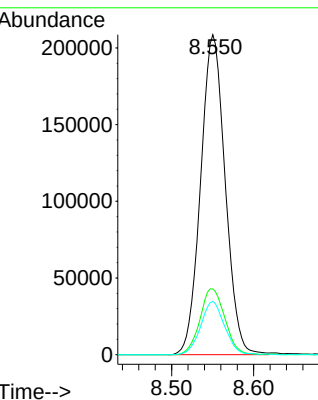
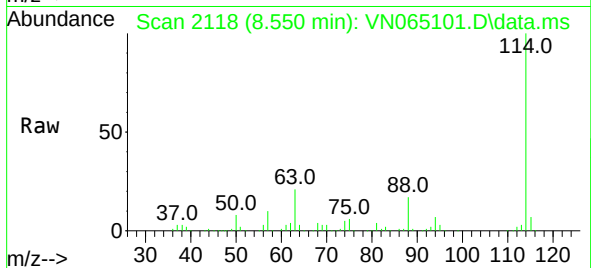
Tgt Ion:114 Resp: 433536

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.6

88 16.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.98 ug/l

RT: 7.550 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN065101.D

Acq: 14 Dec 2020 15:32

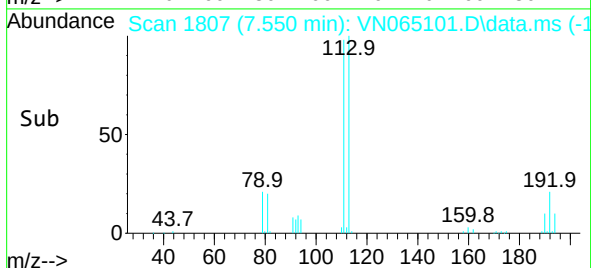
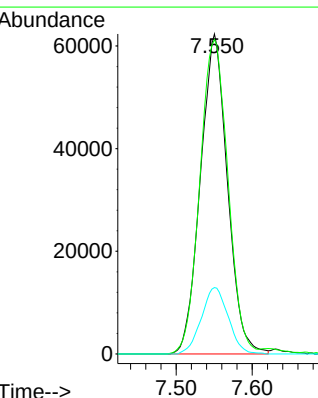
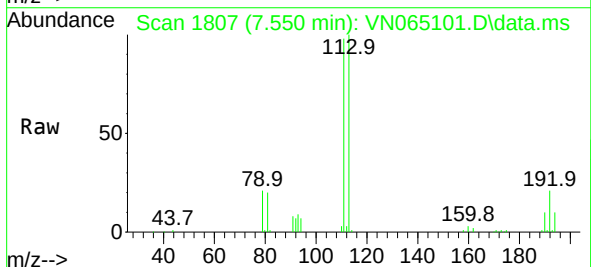
Tgt Ion:113 Resp: 153629

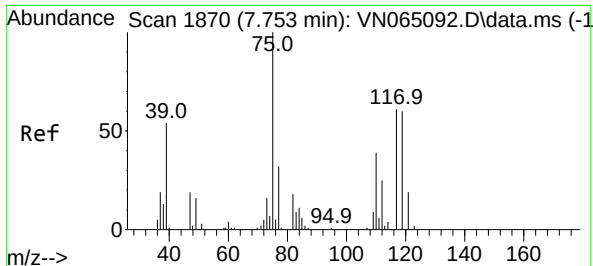
Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

192 20.7 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.71 ug/l

RT: 7.627 min Scan# 1831

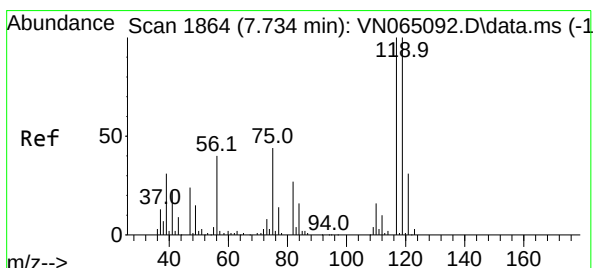
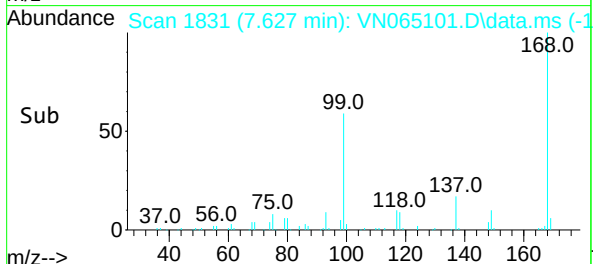
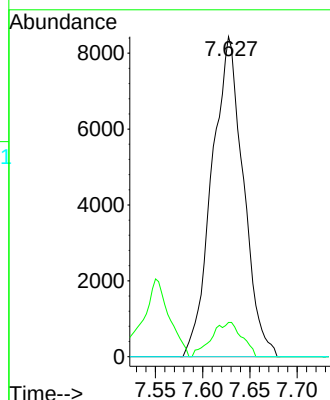
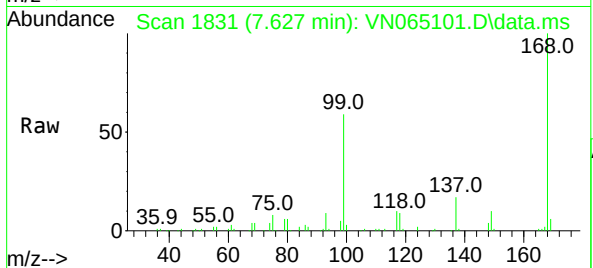
Delta R.T. -0.126 min

Lab File: VN065101.D

Acq: 14 Dec 2020 15:32

Tgt Ion: 75	Resp: 19509
Ion Ratio	Lower Upper
75 100	
110 10.4	17.8 53.3#
77 0.0	25.0 37.4#

Instrument :
MSVOA_N
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.04 ug/l

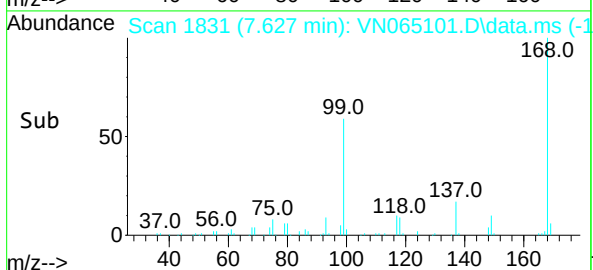
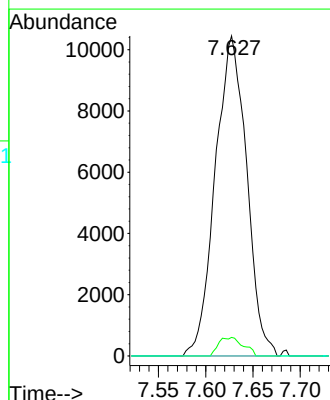
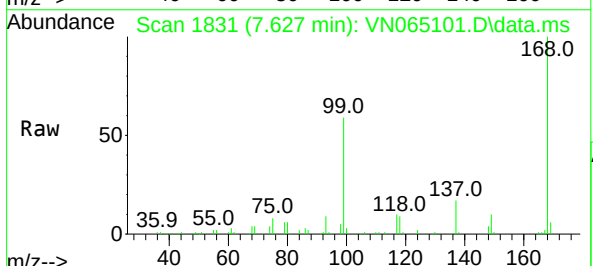
RT: 7.627 min Scan# 1831

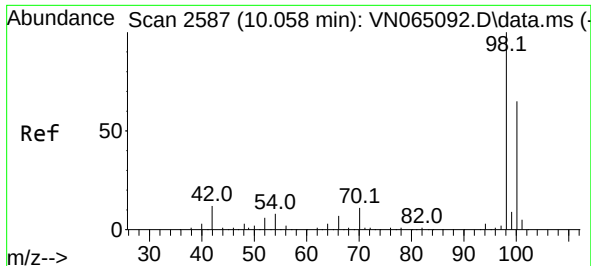
Delta R.T. -0.107 min

Lab File: VN065101.D

Acq: 14 Dec 2020 15:32

Tgt Ion: 117	Resp: 24088
Ion Ratio	Lower Upper
117 100	
119 5.8	76.7 115.1#
121 0.0	25.4 38.2#

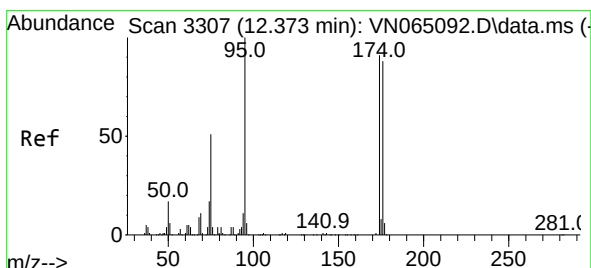
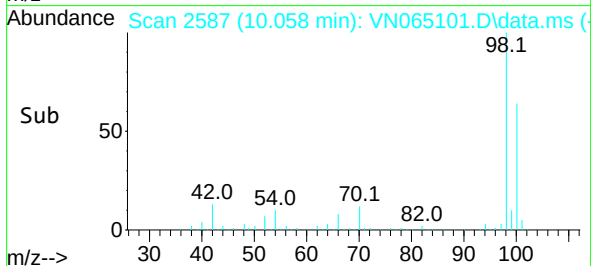
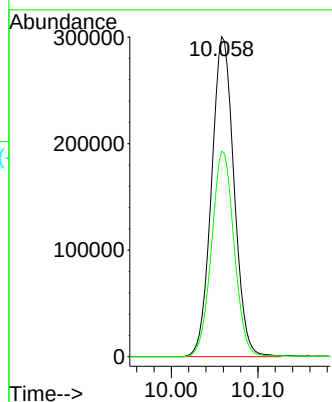
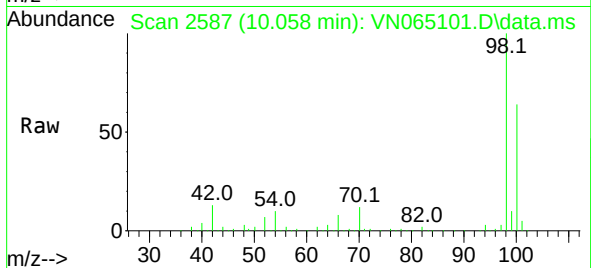




#50
Toluene-d8
Concen: 50.81 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065101.D
Acq: 14 Dec 2020 15:32

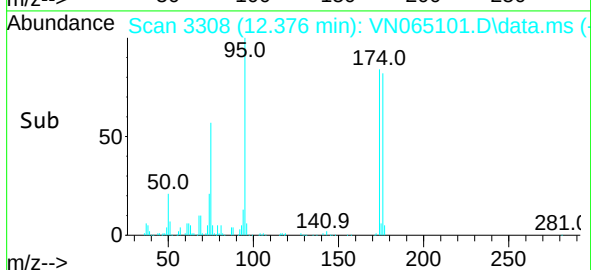
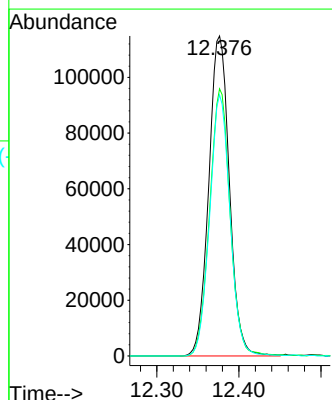
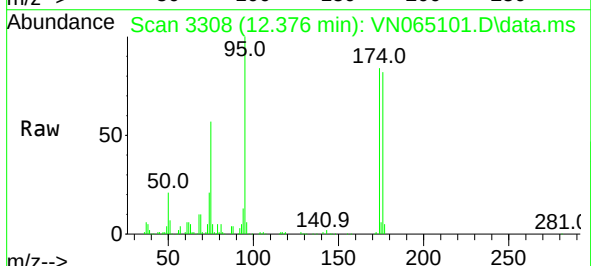
Instrument :
MSVOA_N
ClientSampleId :

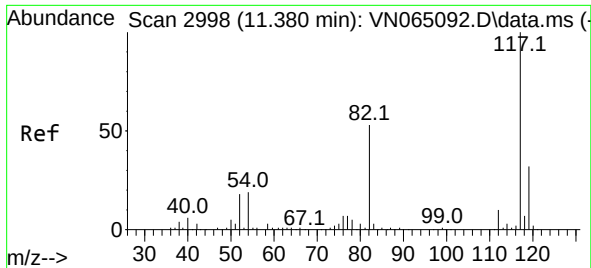
Tgt Ion: 98 Resp: 541432
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 54.65 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065101.D
Acq: 14 Dec 2020 15:32

Tgt Ion: 95 Resp: 200567
Ion Ratio Lower Upper
95 100
174 83.0 0.0 160.4
176 80.5 0.0 158.4

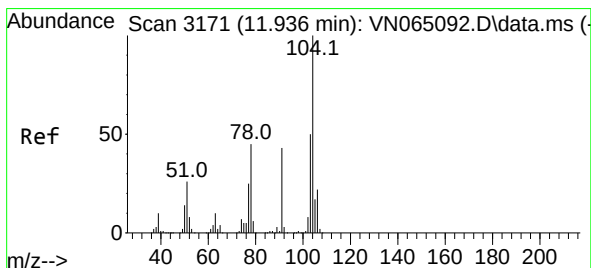
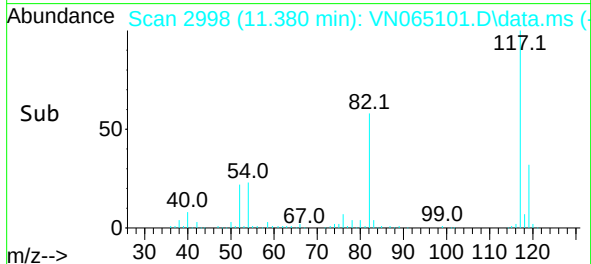
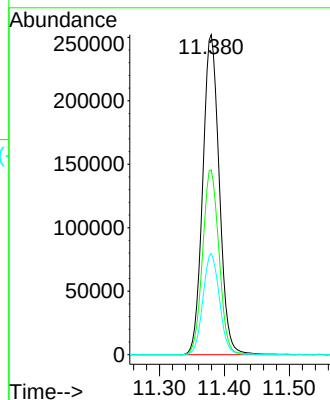
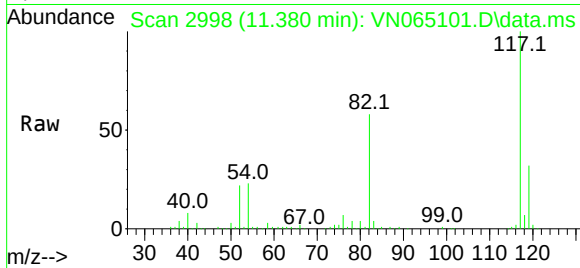




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065101.D
Acq: 14 Dec 2020 15:32

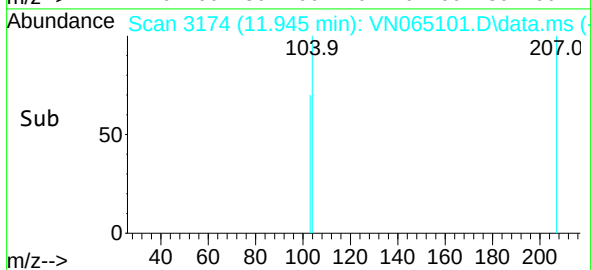
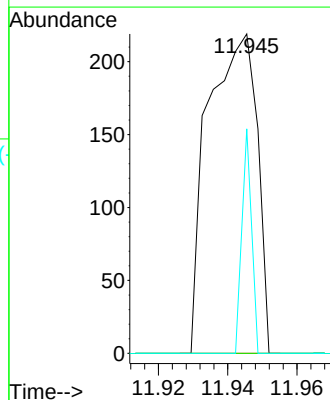
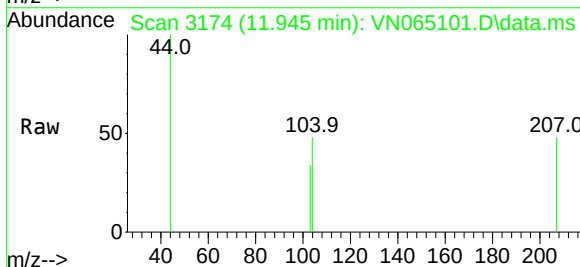
Instrument :
MSVOA_N
ClientSampled :

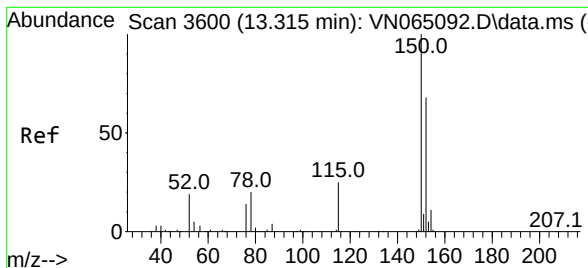
Tgt Ion:117 Resp: 446656
Ion Ratio Lower Upper
117 100
82 57.8 44.2 66.2
119 31.6 25.8 38.6



#70
Styrene
Concen: 1.40 ug/l
RT: 11.945 min Scan# 3174
Delta R.T. 0.009 min
Lab File: VN065101.D
Acq: 14 Dec 2020 15:32

Tgt Ion:104 Resp: 214
Ion Ratio Lower Upper
104 100
78 0.0 39.0 58.6#
103 14.0 44.3 66.5#

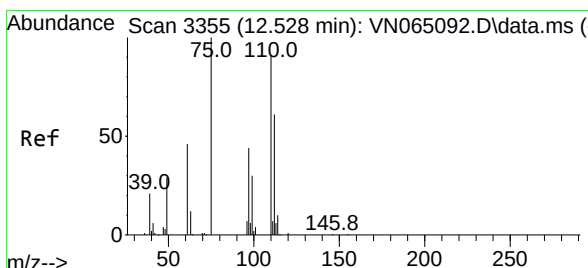
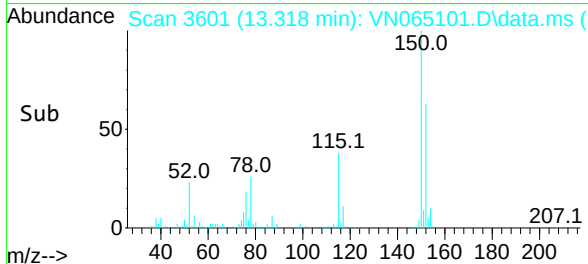
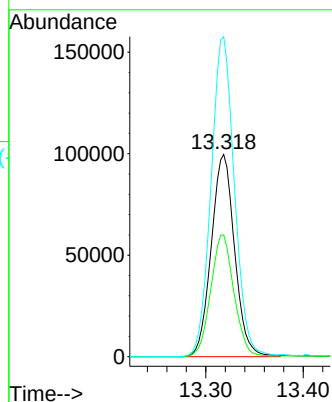
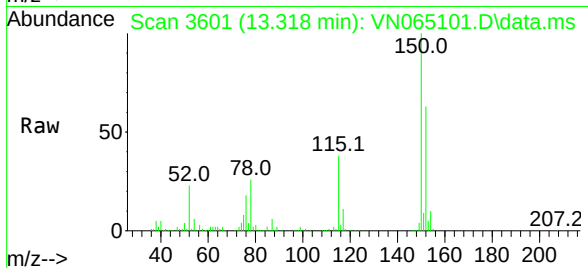




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.003 min
 Lab File: VN065101.D
 Acq: 14 Dec 2020 15:32

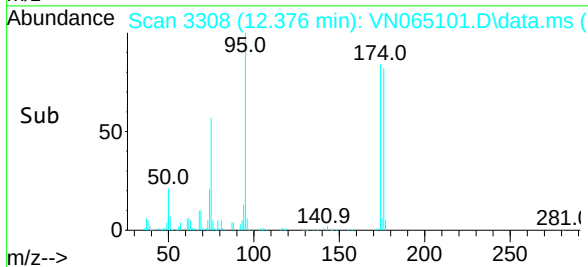
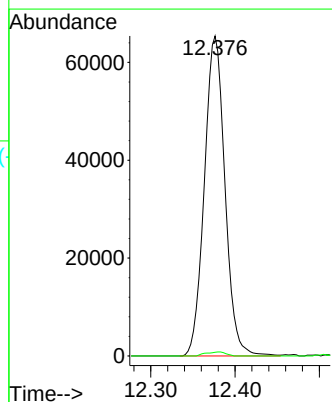
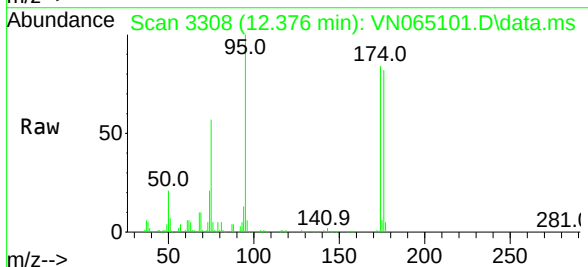
Instrument :
 MSVOA_N
 ClientSampleId :

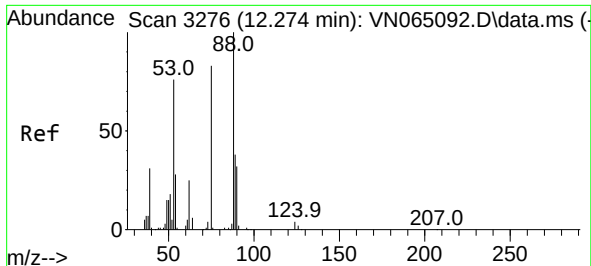
Tgt Ion:152 Resp: 165933
 Ion Ratio Lower Upper
 152 100
 115 60.1 29.7 89.1
 150 158.1 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 37.39 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. -0.152 min
 Lab File: VN065101.D
 Acq: 14 Dec 2020 15:32

Tgt Ion: 75 Resp: 111328
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

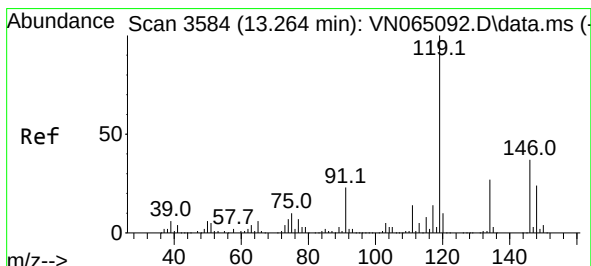
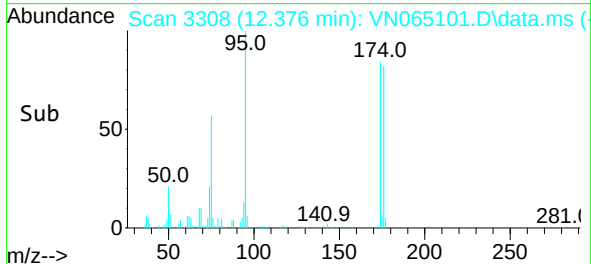
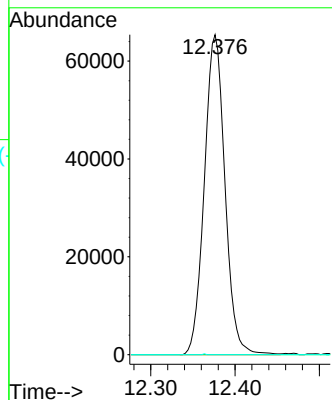
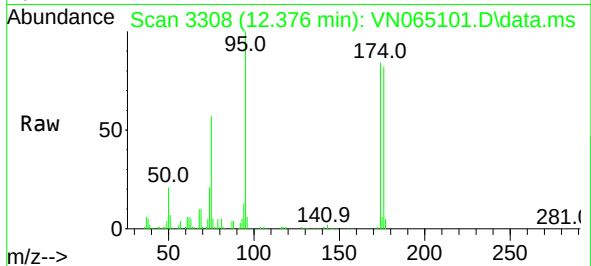




#81
trans-1,4-Dichloro-2-butene
Concen: 104.04 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.102 min
Lab File: VN065101.D
Acq: 14 Dec 2020 15:32

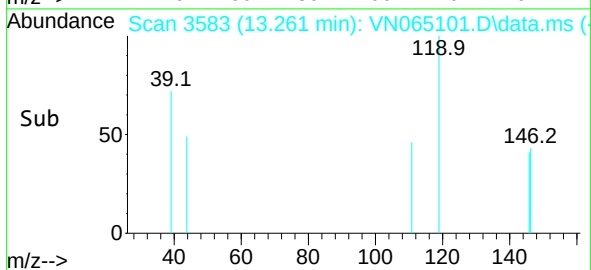
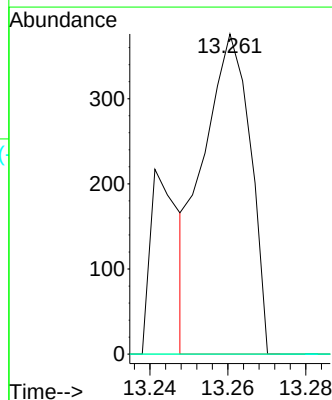
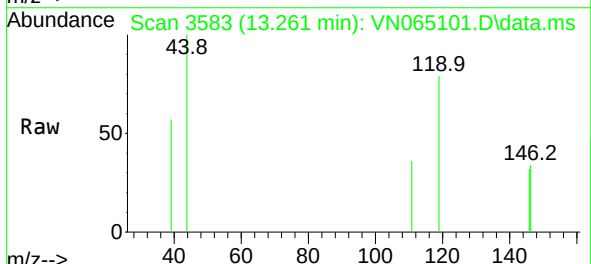
Instrument :
MSVOA_N
ClientSampled :

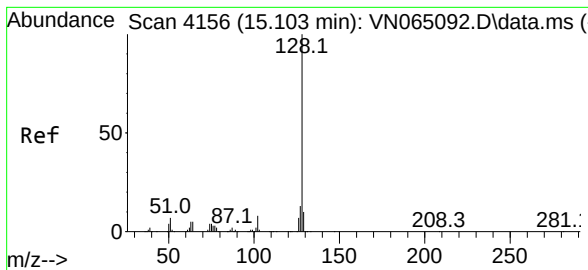
Tgt Ion: 75 Resp: 111328
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#86
p-Isopropyltoluene
Concen: 1.09 ug/l
RT: 13.261 min Scan# 3583
Delta R.T. -0.003 min
Lab File: VN065101.D
Acq: 14 Dec 2020 15:32

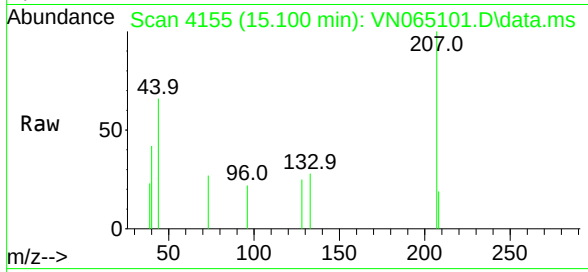
Tgt Ion: 119 Resp: 316
Ion Ratio Lower Upper
119 100
134 0.0 13.1 39.1#
91 0.0 11.5 34.5#





#95
Naphthalene
Concen: 4.23 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. -0.003 min
Lab File: VN065101.D
Acq: 14 Dec 2020 15:32

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	115
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#

