

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012921\
 Data File : VN065674.D
 Acq On : 29 Jan 2021 14:01
 Operator : JC/MD
 Sample : M1253-05ME
 Misc : 6.94g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-201

Quant Time: Jan 30 01:02:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

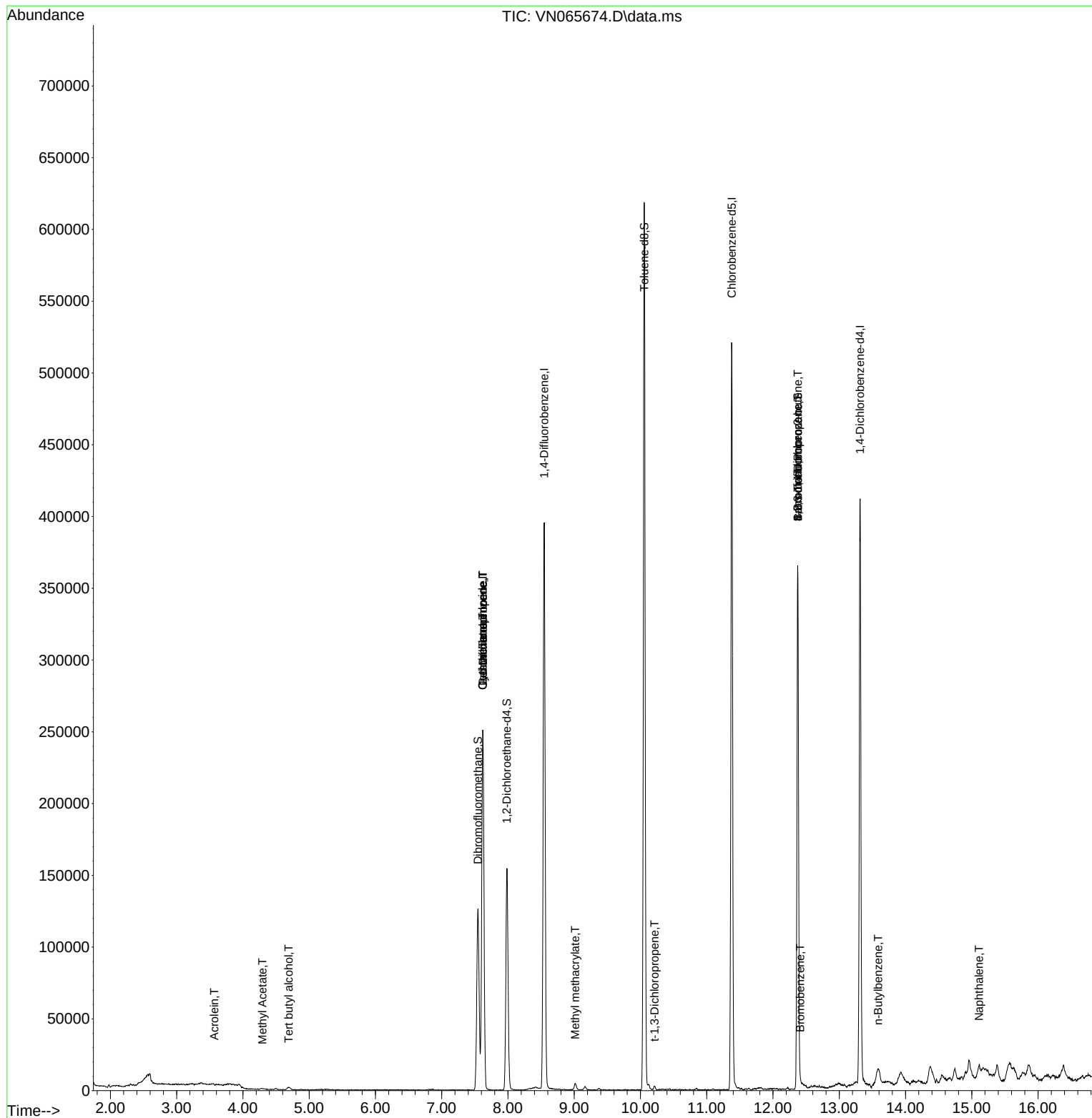
Internal Standards						
1) Pentafluorobenzene	7.621	168	208587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	357761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	309821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	117137	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	128832	46.95	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.90%		
35) Dibromofluoromethane	7.547	113	102694	48.44	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.88%		
50) Toluene-d8	10.058	98	447775	53.73	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.46%		
62) 4-Bromofluorobenzene	12.373	95	145120	48.36	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.72%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.688	59	133	0.26	ug/l #	73
13) Acrolein	3.566	56	29	18.15	ug/l #	1
18) Methyl Acetate	4.293	43	1895	0.63	ug/l #	51
31) Cyclohexane	7.617	56	3822	0.74	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	17050	4.74	ug/l #	47
38) Carbon Tetrachloride	7.617	117	20524	6.92	ug/l #	16
48) Methyl methacrylate	9.013	41	834	0.29	ug/l #	29
53) t-1,3-Dichloropropene	10.212	75	1692	0.41	ug/l #	42
71) Bromoform	12.373	173	687	0.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	67143	21.92	ug/l #	100
77) Bromobenzene	12.412	156	2130	0.96	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.373	75	67143	56.15	ug/l #	12
89) n-Butylbenzene	13.585	91	1670	0.21	ug/l #	36
95) Naphthalene	15.109	128	756	3.54	ug/l #	51

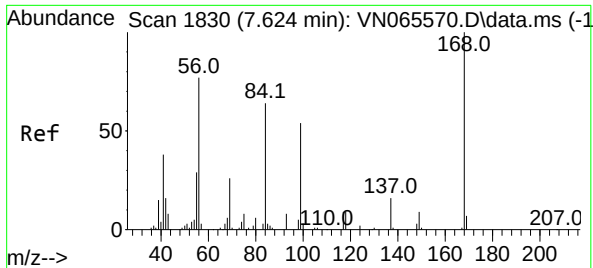
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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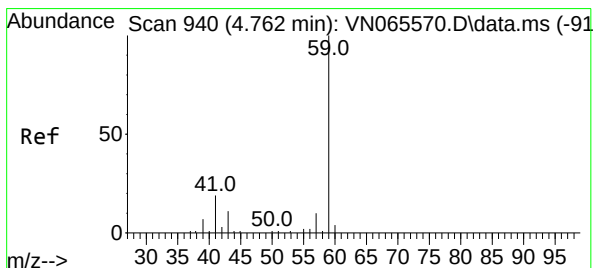
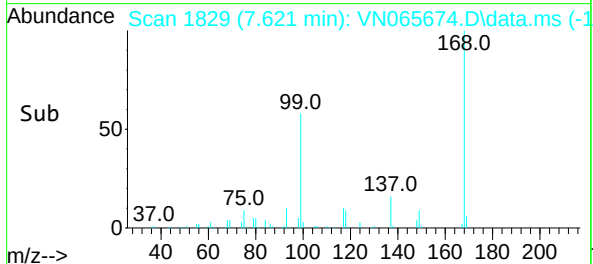
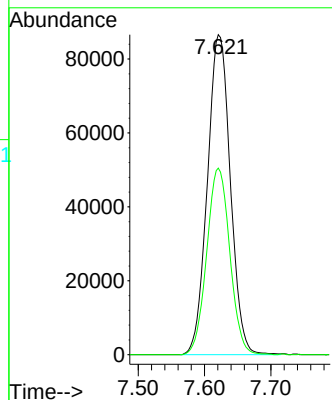
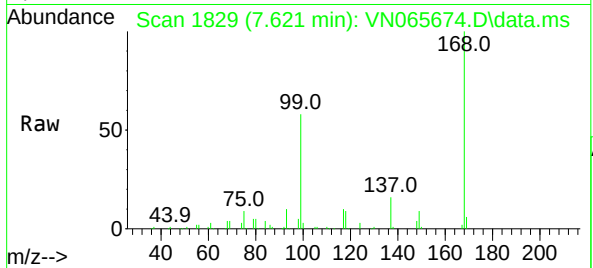




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.003 min
Lab File: VN065674.D
Acq: 29 Jan 2021 14:01

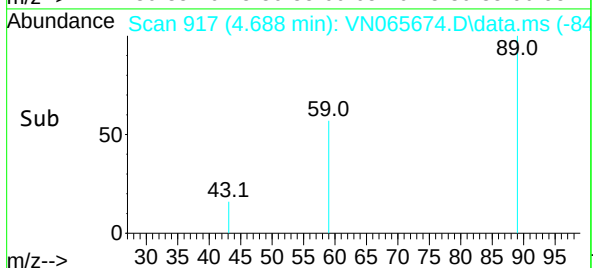
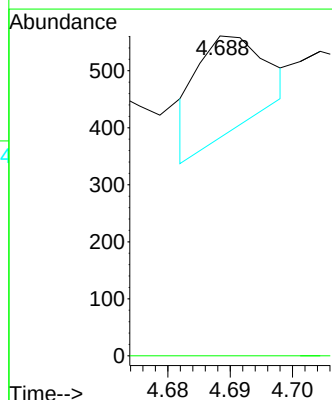
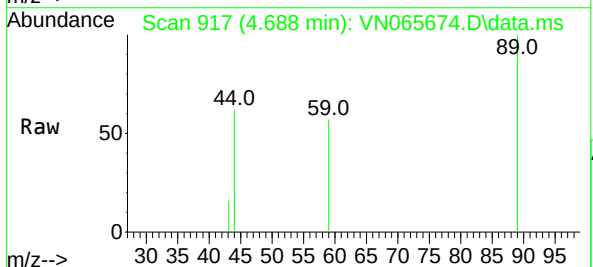
Instrument :
MSVOA_N
ClientSampled :
VNJ-201

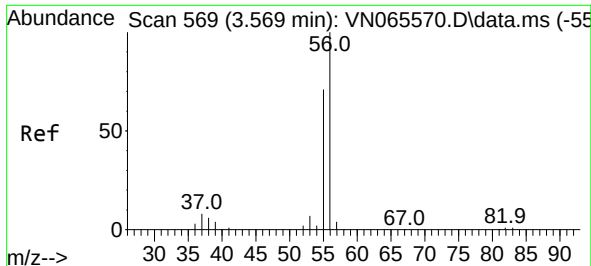
Tgt Ion:168 Resp: 208587
Ion Ratio Lower Upper
168 100
99 58.3 42.6 63.8



#11
Tert butyl alcohol
Concen: 0.26 ug/l
RT: 4.688 min Scan# 917
Delta R.T. -0.074 min
Lab File: VN065674.D
Acq: 29 Jan 2021 14:01

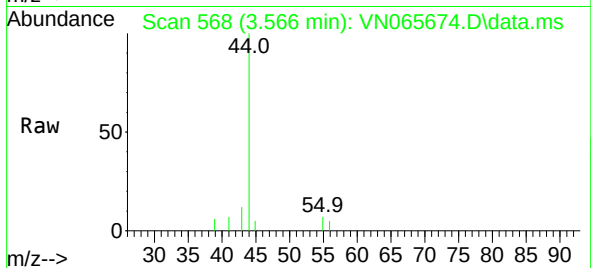
Tgt Ion: 59 Resp: 133
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



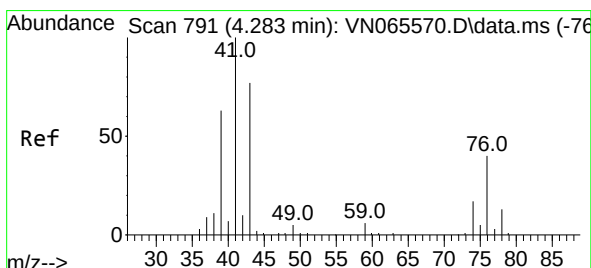
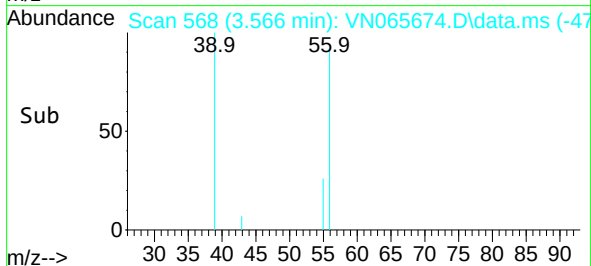
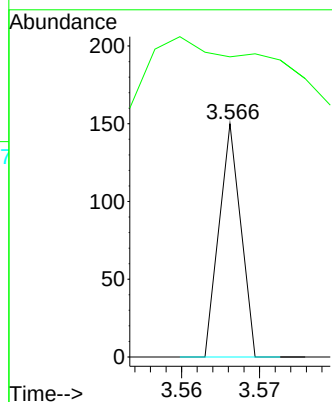


#13
Acrolein
Concen: 18.15 ug/l
RT: 3.566 min Scan# 568
Delta R.T. -0.003 min
Lab File: VN065674.D
Acq: 29 Jan 2021 14:01

Instrument :
MSVOA_N
ClientSampleId :
VNJ-201

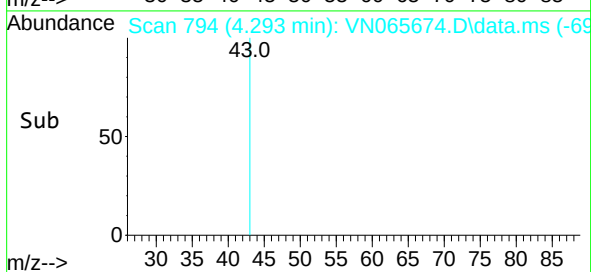
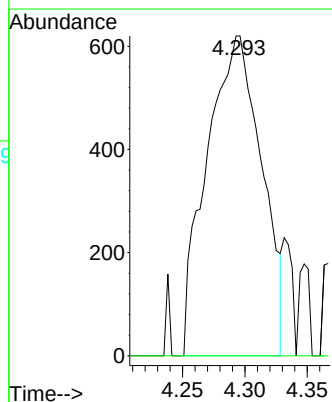
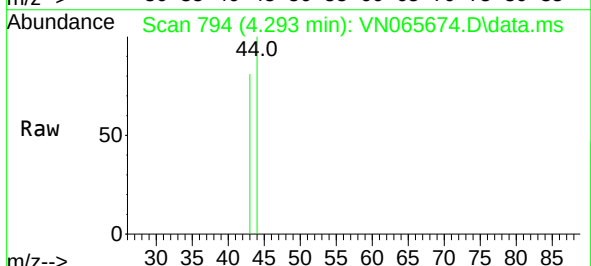


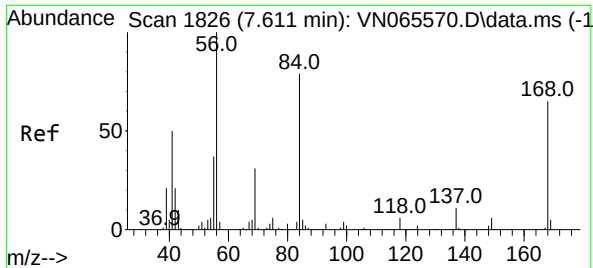
Tgt Ion: 56 Resp: 29
Ion Ratio Lower Upper
56 100
55 1010.3 56.0 84.0#



#18
Methyl Acetate
Concen: 0.63 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.010 min
Lab File: VN065674.D
Acq: 29 Jan 2021 14:01

Tgt Ion: 43 Resp: 1895
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

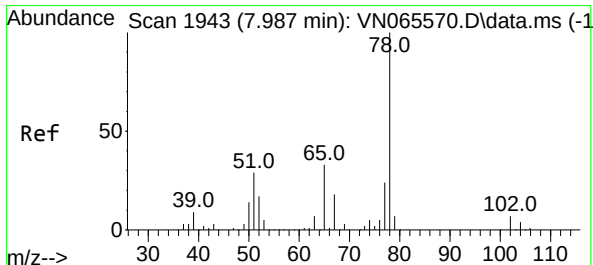
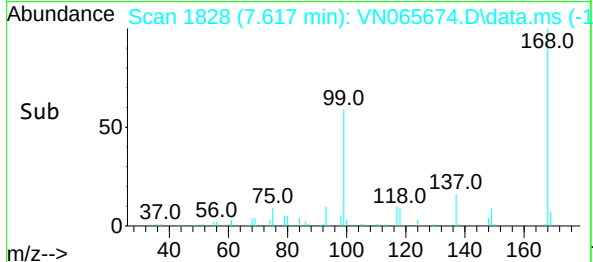
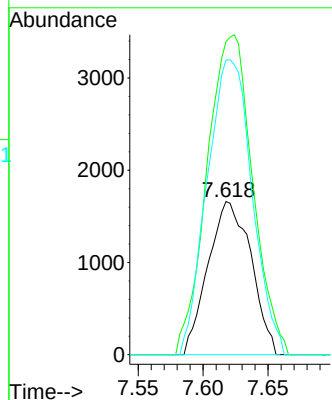
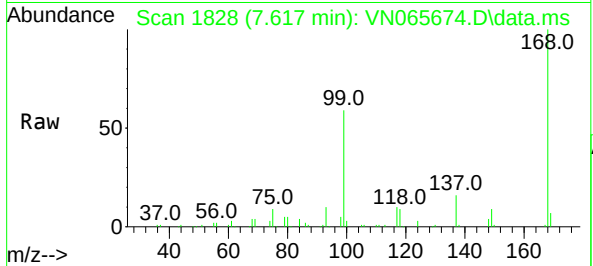




#31
Cyclohexane
Concen: 0.74 ug/l
RT: 7.617 min Scan# 1828
Delta R.T. 0.006 min
Lab File: VN065674.D
Acq: 29 Jan 2021 14:01

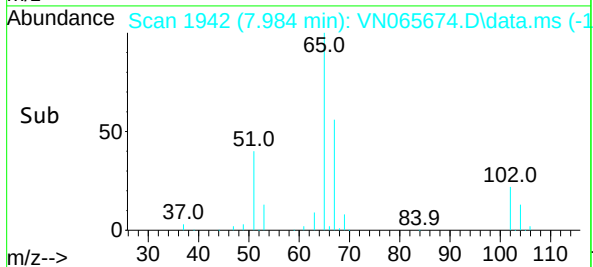
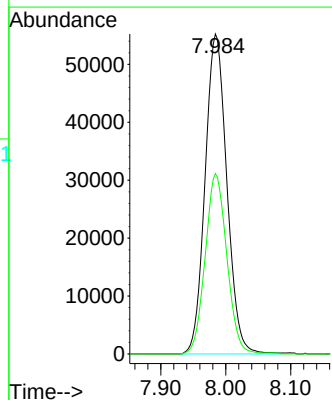
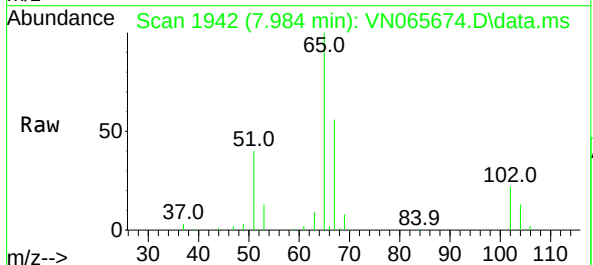
Instrument :
MSVOA_N
ClientSampled :
VNJ-201

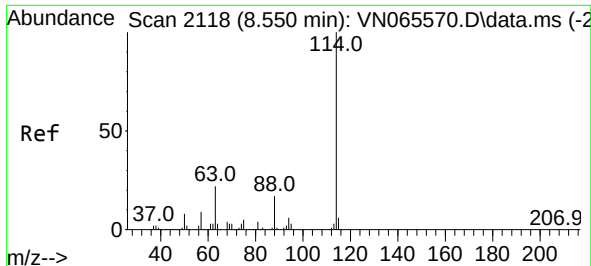
Tgt Ion: 56 Resp: 3822
Ion Ratio Lower Upper
56 100
69 191.2 26.6 39.8#
84 192.4 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 46.95 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065674.D
Acq: 29 Jan 2021 14:01

Tgt Ion: 65 Resp: 128832
Ion Ratio Lower Upper
65 100
67 55.9 0.0 107.2

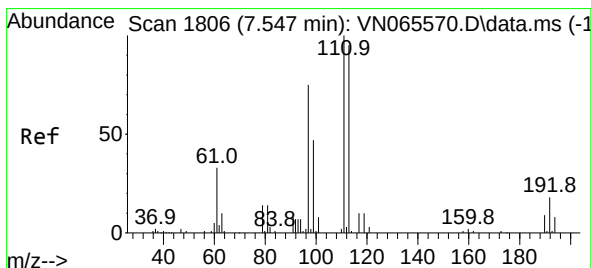
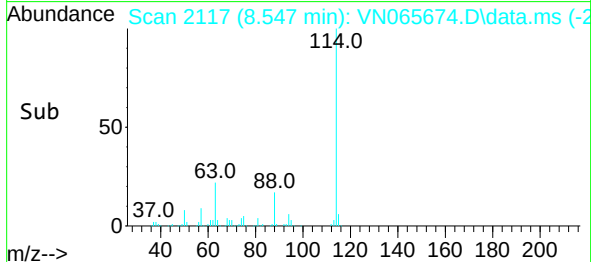
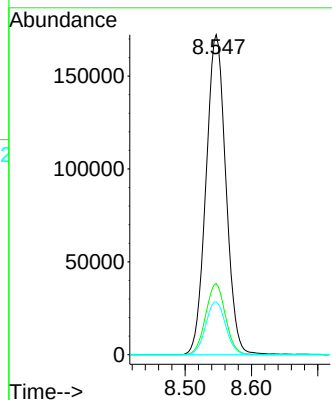
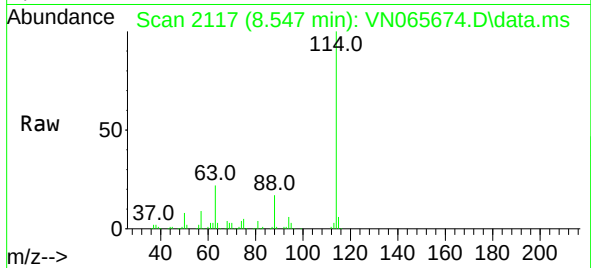




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065674.D
Acq: 29 Jan 2021 14:01

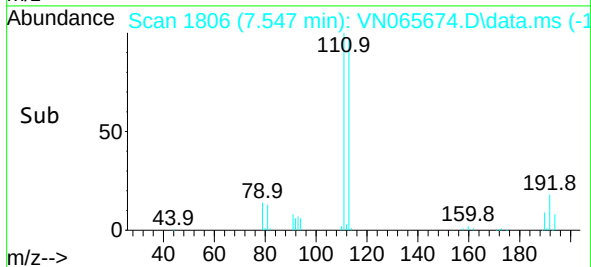
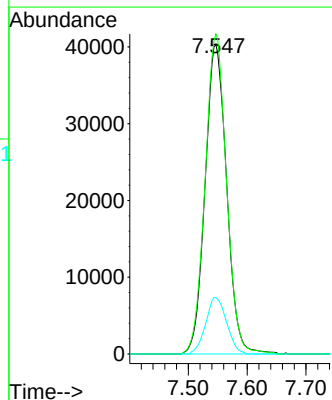
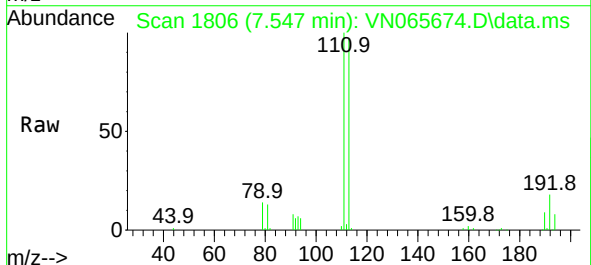
Instrument :
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ClientSampleId :
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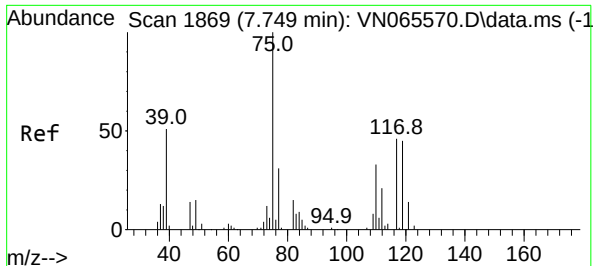
Tgt Ion:114	Resp:	357761
Ion	Ratio	Lower Upper
114	100	
63	22.3	0.0 38.6
88	16.5	0.0 30.6



#35
Dibromofluoromethane
Concen: 48.44 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065674.D
Acq: 29 Jan 2021 14:01

Tgt Ion:113	Resp:	102694
Ion	Ratio	Lower Upper
113	100	
111	102.6	82.2 123.2
192	17.7	15.4 23.0

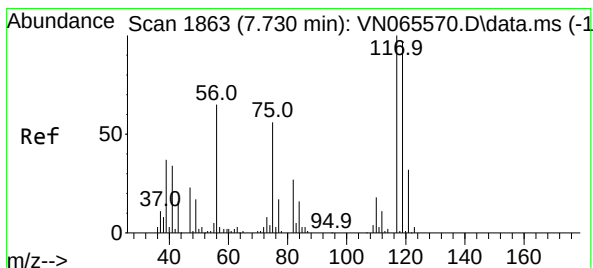
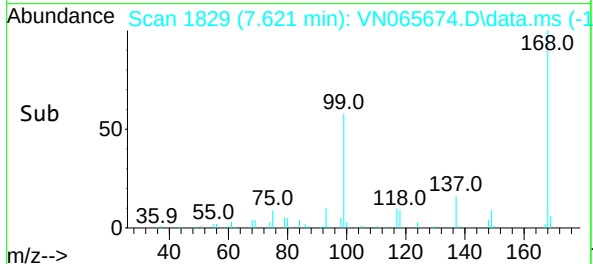
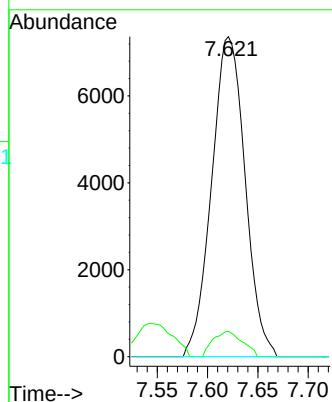
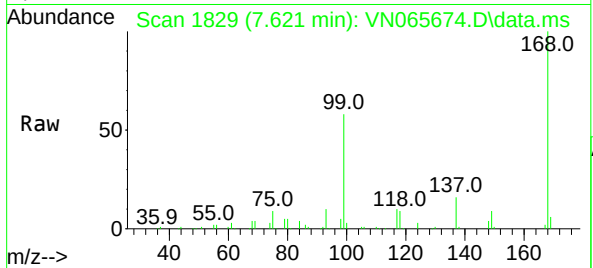




#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065674.D
Acq: 29 Jan 2021 14:01

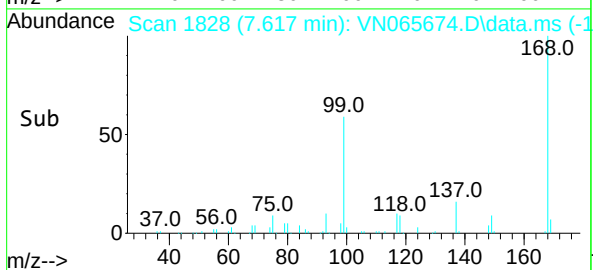
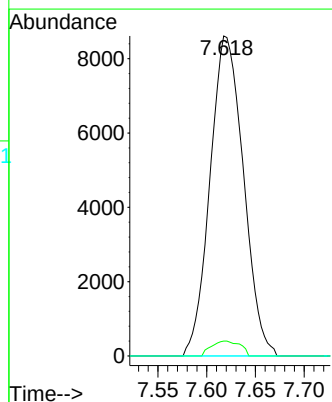
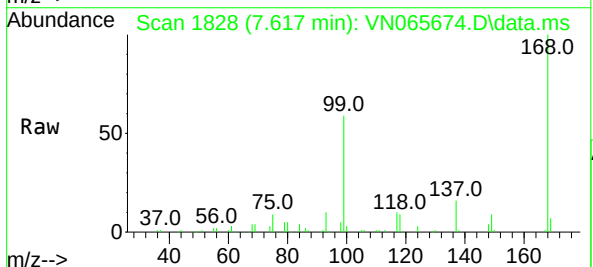
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ClientSampled :
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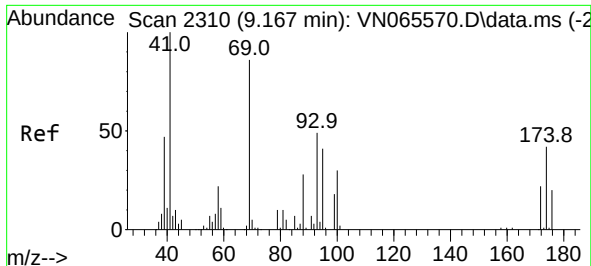
Tgt Ion: 75 Resp: 17050
Ion Ratio Lower Upper
75 100
110 6.9 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.92 ug/l
RT: 7.617 min Scan# 1828
Delta R.T. -0.113 min
Lab File: VN065674.D
Acq: 29 Jan 2021 14:01

Tgt Ion: 117 Resp: 20524
Ion Ratio Lower Upper
117 100
119 4.7 76.0 114.0#
121 0.0 24.5 36.7#

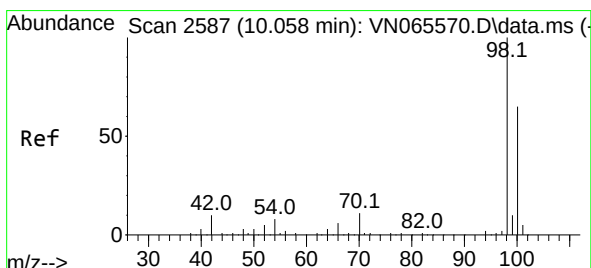
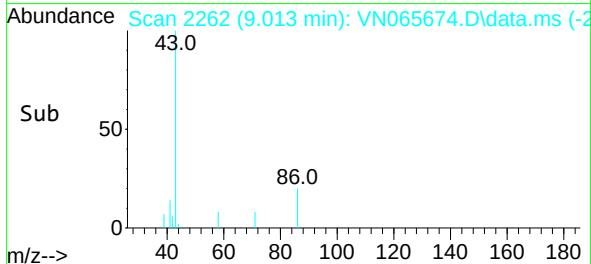
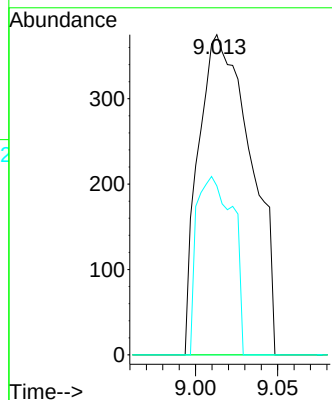
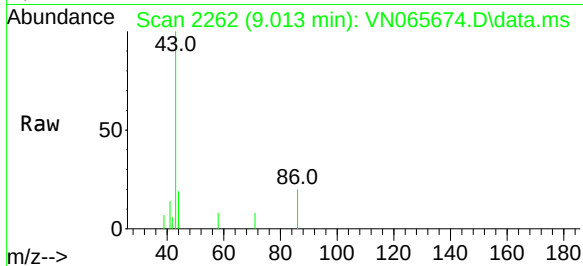




#48
Methyl methacrylate
Concen: 0.29 ug/l
RT: 9.013 min Scan# 2262
Delta R.T. -0.154 min
Lab File: VN065674.D
Acq: 29 Jan 2021 14:01

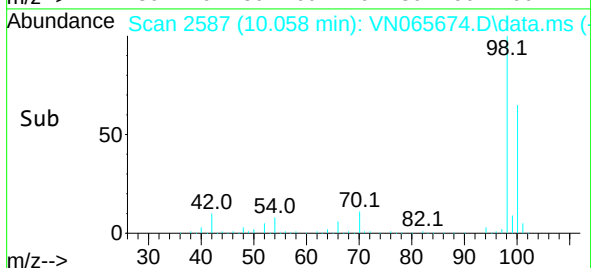
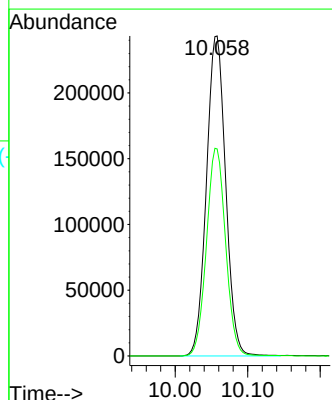
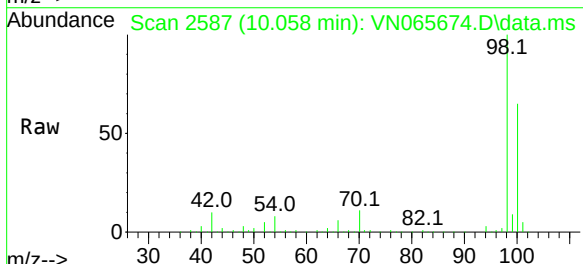
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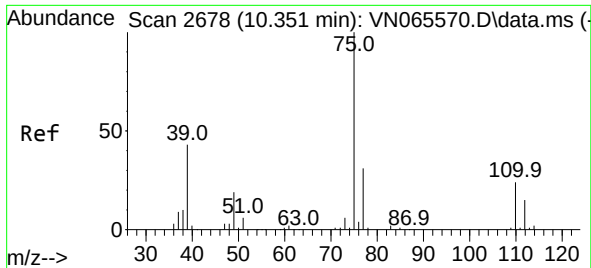
Tgt Ion: 41 Resp: 834
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 38.4 46.6 69.8#



#50
Toluene-d8
Concen: 53.73 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065674.D
Acq: 29 Jan 2021 14:01

Tgt Ion: 98 Resp: 447775
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7

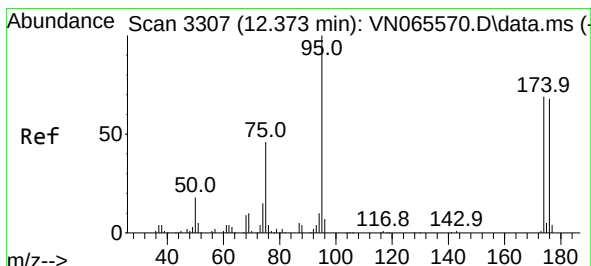
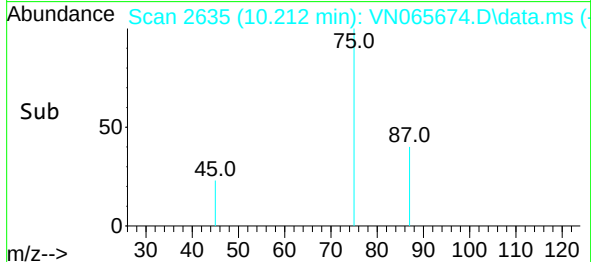
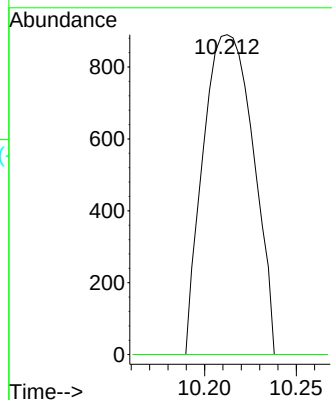
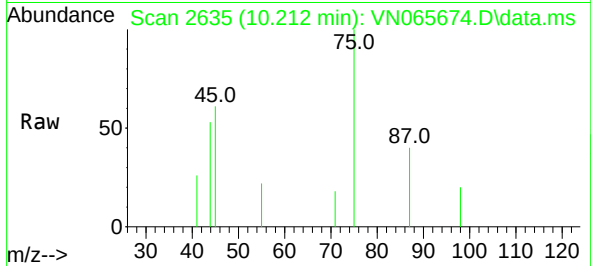




#53
t-1,3-Dichloropropene
Concen: 0.41 ug/l
RT: 10.212 min Scan# 2635
Delta R.T. -0.139 min
Lab File: VN065674.D
Acq: 29 Jan 2021 14:01

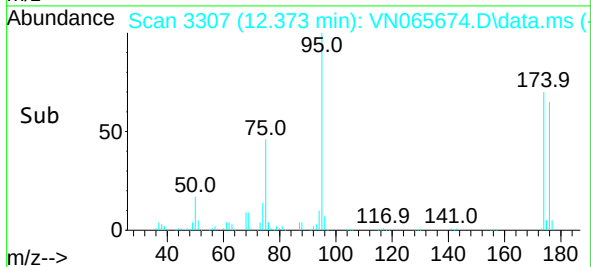
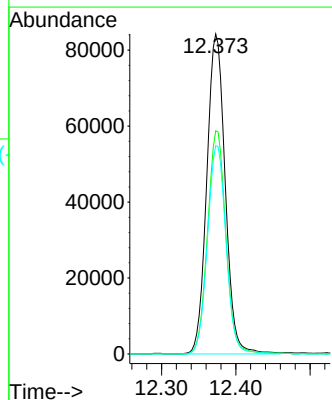
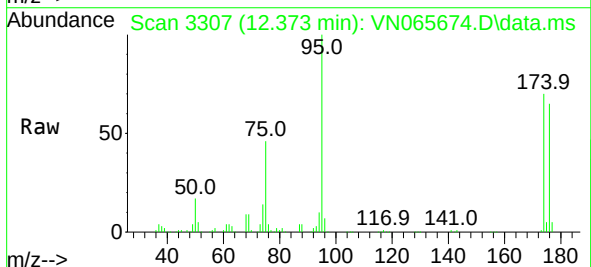
Instrument :
MSVOA_N
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VNJ-201

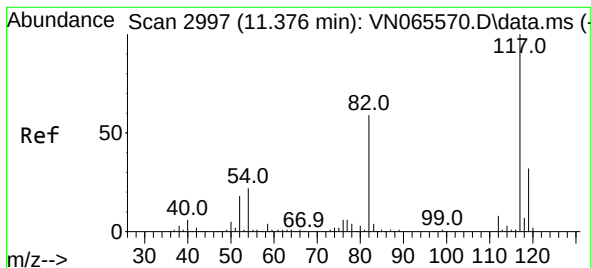
Tgt Ion: 75 Resp: 1692
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.4#



#62
4-Bromofluorobenzene
Concen: 48.36 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065674.D
Acq: 29 Jan 2021 14:01

Tgt Ion: 95 Resp: 145120
Ion Ratio Lower Upper
95 100
174 69.5 0.0 169.0
176 65.4 0.0 162.4

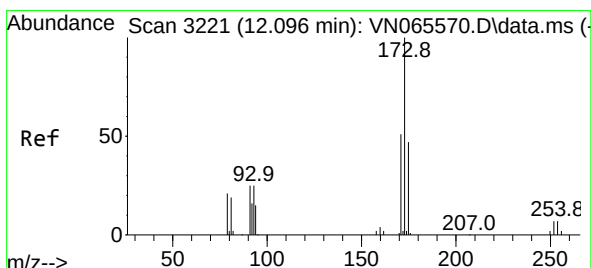
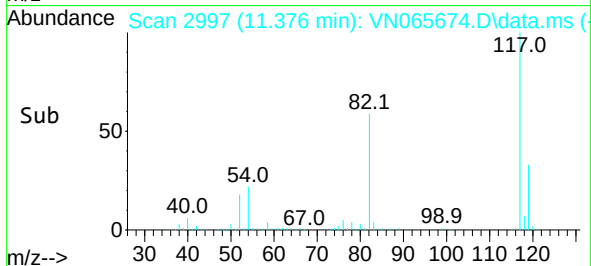
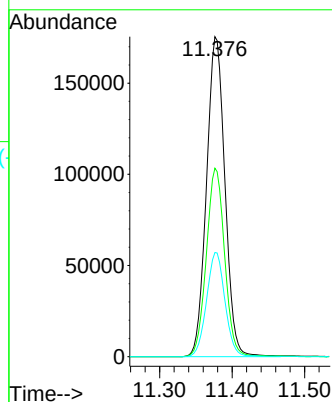
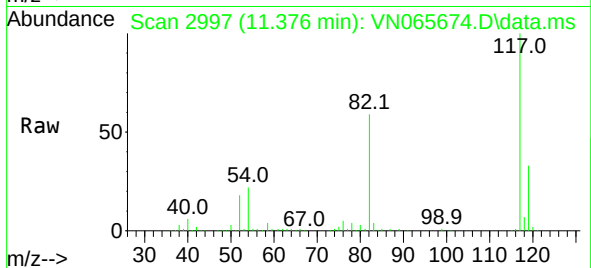




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065674.D
Acq: 29 Jan 2021 14:01

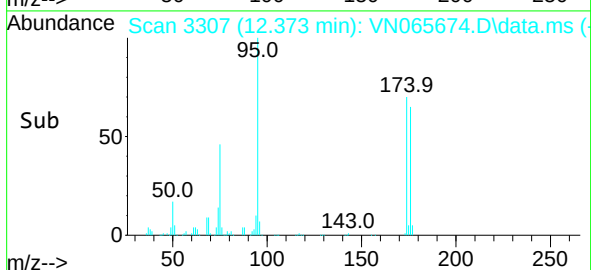
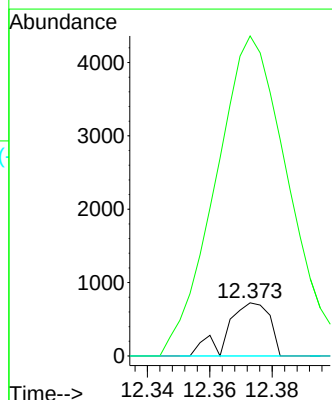
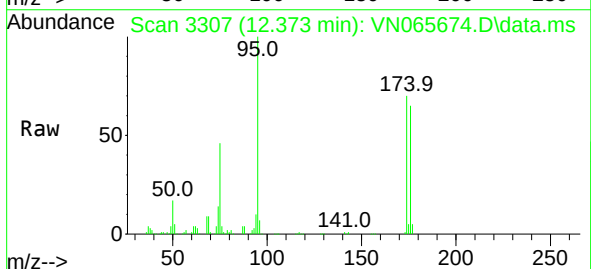
Instrument :
MSVOA_N
ClientSampleId :
VNJ-201

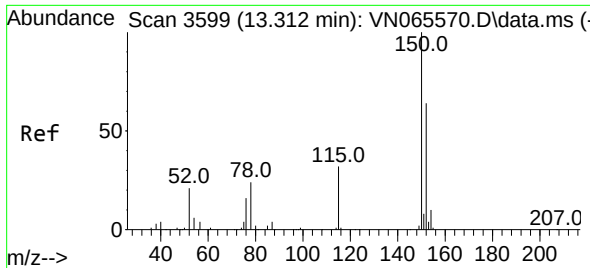
Tgt Ion:117 Resp: 309821
Ion Ratio Lower Upper
117 100
82 58.9 43.7 65.5
119 32.5 26.1 39.1



#71
Bromoform
Concen: 0.43 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.277 min
Lab File: VN065674.D
Acq: 29 Jan 2021 14:01

Tgt Ion:173 Resp: 687
Ion Ratio Lower Upper
173 100
175 848.9 23.8 71.2#
254 0.0 0.0 0.0

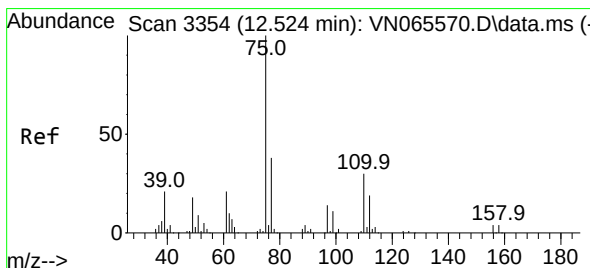
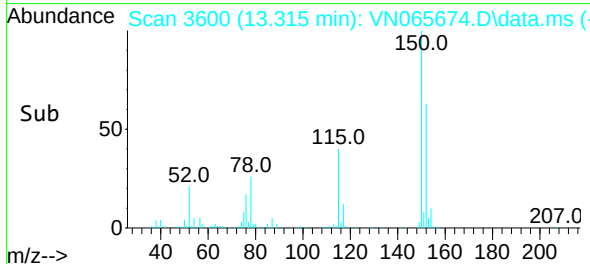
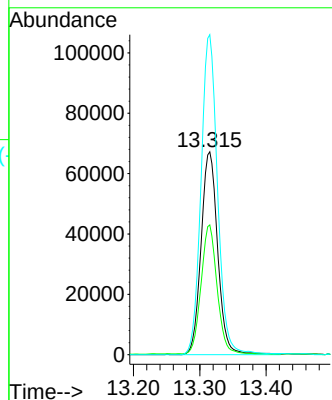
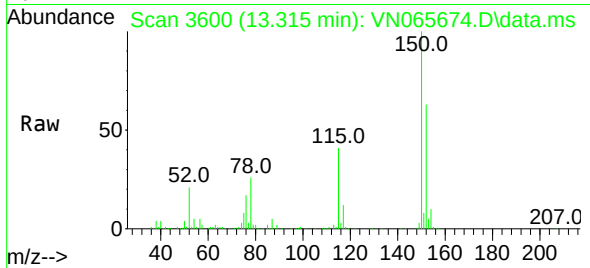




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN065674.D
 Acq: 29 Jan 2021 14:01

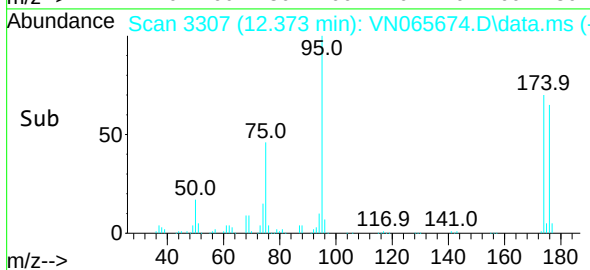
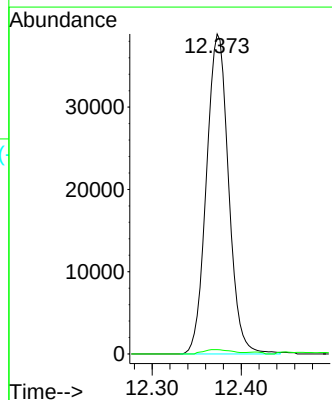
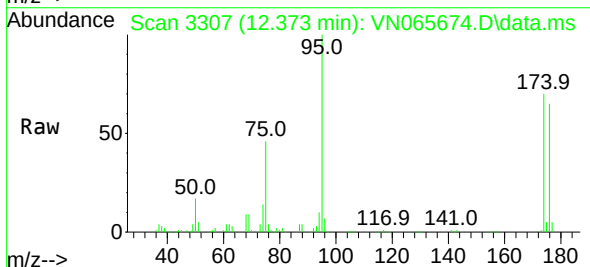
Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-201

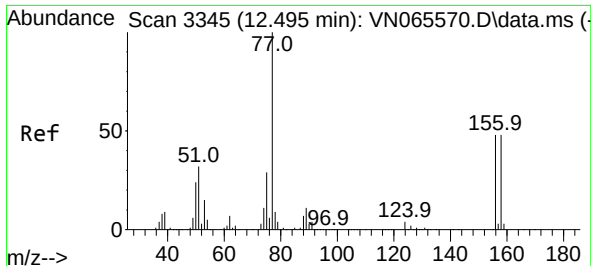
Tgt Ion:152 Resp: 117137
 Ion Ratio Lower Upper
 152 100
 115 60.7 28.5 85.6
 150 156.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 21.92 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN065674.D
 Acq: 29 Jan 2021 14:01

Tgt Ion: 75 Resp: 67143
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#

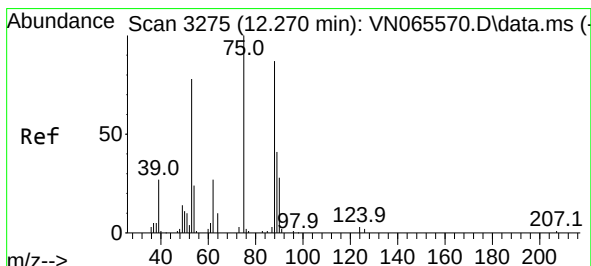
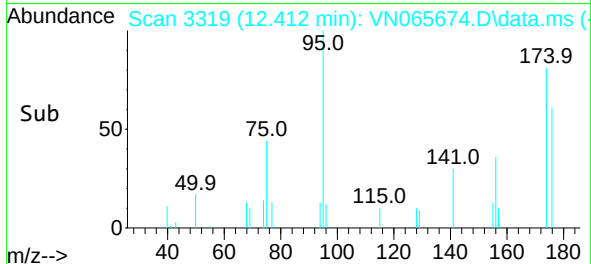
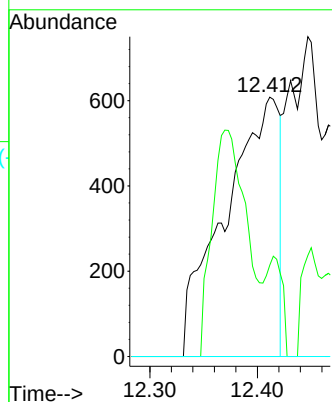
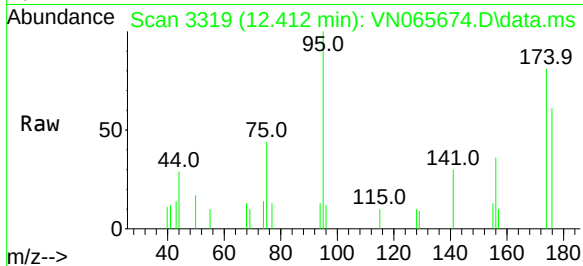




#77
Bromobenzene
Concen: 0.96 ug/l
RT: 12.412 min Scan# 3319
Delta R.T. -0.083 min
Lab File: VN065674.D
Acq: 29 Jan 2021 14:01

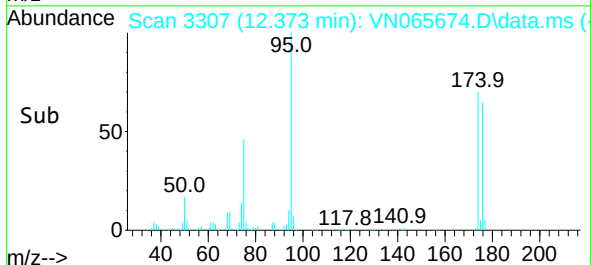
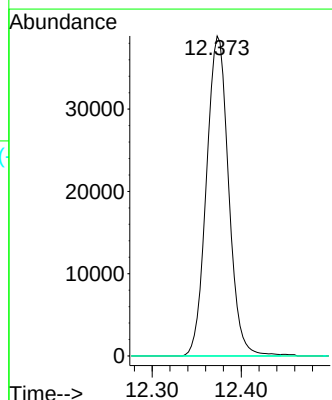
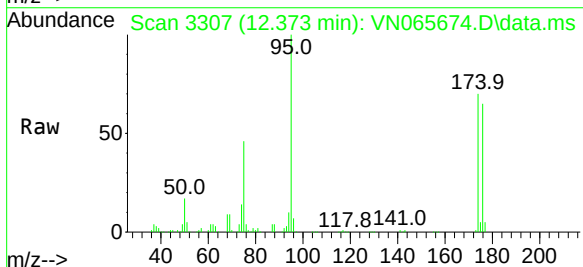
Instrument :
MSVOA_N
ClientSampled :
VNJ-201

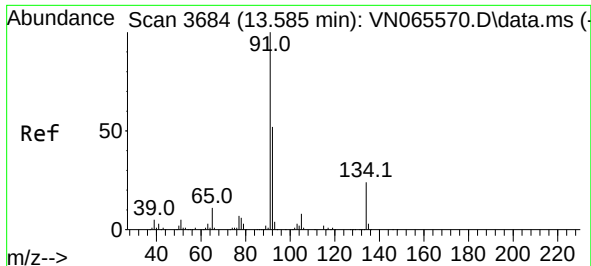
Tgt Ion:156 Resp: 2130
Ion Ratio Lower Upper
156 100
77 11.1 96.3 288.8#
158 0.0 49.0 147.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.15 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065674.D
Acq: 29 Jan 2021 14:01

Tgt Ion: 75 Resp: 67143
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

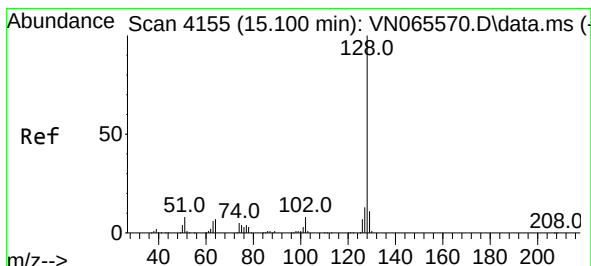
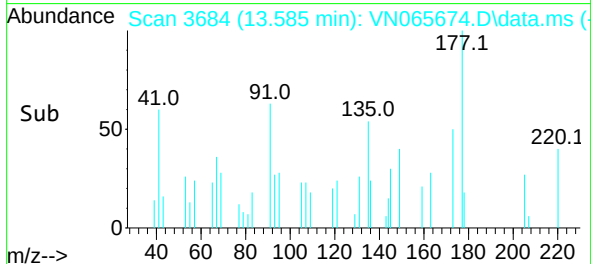
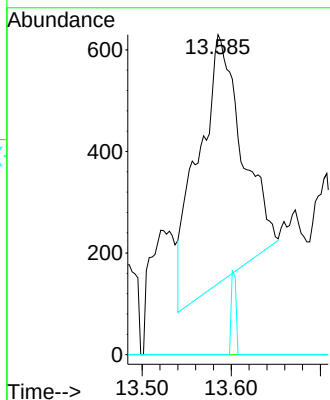
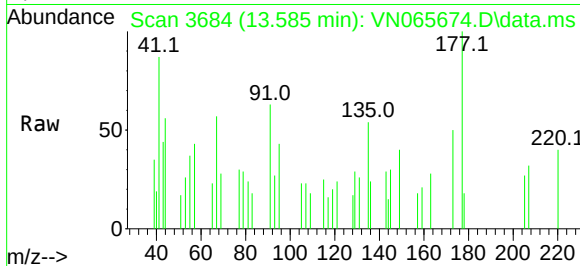




#89
n-Butylbenzene
Concen: 0.21 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN065674.D
Acq: 29 Jan 2021 14:01

Instrument :
MSVOA_N
ClientSampled :
VNJ-201

Tgt Ion: 91 Resp: 1670
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 3.7 13.0 38.9#



#95
Naphthalene
Concen: 3.54 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.009 min
Lab File: VN065674.D
Acq: 29 Jan 2021 14:01

Tgt Ion:128 Resp: 756
Ion Ratio Lower Upper
128 100
127 39.6 10.2 15.2#
129 20.6 8.6 13.0#

