

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042221\
 Data File : VN066714.D
 Acq On : 22 Apr 2021 15:03
 Operator : JC/MD
 Sample : M2134-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 23 06:30:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Apr 21 16:55:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.111	128	50770	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.516	114	273137	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.348	117	238084	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.953	65	108516	29.66	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.87%		
60) 4-Bromofluorobenzene	12.346	95	101008	27.07	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	90.23%		
63) Toluene-d8	10.029	98	334331	30.52	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.73%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.031	50	1321	0.34	ug/l	96
4) Vinyl Chloride	2.160	62	1328	0.36	ug/l #	86
8) Diethyl Ether	3.356	74	4215	2.30	ug/l	71
12) Methyl Acetate	4.249	43	9014	2.51	ug/l	94
13) Acrolein	3.538	56	233	0.46	ug/l #	1
15) Acetone	3.748	58	346521	835.22	ug/l	84
16) Carbon Disulfide	3.986	76	25164	3.09	ug/l #	93
17) Allyl chloride	4.185	41	18438	3.53	ug/l #	37
23) tert-Butyl Alcohol	4.697	59	2675112	4972.04	ug/l #	100
24) Methyl tert-Butyl Ether	4.955	73	24264	2.64	ug/l #	53
30) 2-Butanone	6.741	43	2225360	1071.84	ug/l	98
31) 2,2-Dichloropropane	6.738	77	138696	27.99	ug/l #	53
34) Benzene	7.966	78	54492	3.93	ug/l #	63
35) Methacrylonitrile	7.122	41	391867	196.06	ug/l #	47
36) 1,2-Dichloroethane	8.047	62	1836	0.40	ug/l #	76
43) Ethyl Acetate	6.741	43	2225360	487.45	ug/l #	53
44) Isopropyl Acetate	8.371	43	30151	3.96	ug/l	98
45) 1,4-Dioxane	9.138	88	4124	74.42	ug/l #	71
46) Methyl methacrylate	9.133	41	1000	0.29	ug/l	91
47) n-amyl Acetate	12.308	43	863	0.21	ug/l	92
50) 1,1,2-Trichloroethane	10.399	97	839	0.25	ug/l #	58
55) 2-Chloroethyl vinyl ether	10.026	63	149	0.21	ug/l #	1
56) Bromoform	12.351	173	594	0.23	ug/l #	1
58) 4-Methyl-2-Pentanone	9.922	43	19196	4.73	ug/l	97
59) 2-Hexanone	10.659	43	177293	68.01	ug/l #	35
62) Toluene	10.093	91	66124	4.89	ug/l	99
64) Chlorobenzene	11.375	112	11653	1.44	ug/l	97
66) Ethyl Benzene	11.453	91	149016	10.32	ug/l	99
67) m/p-Xylenes	11.560	106	47632	8.79	ug/l	98
68) o-Xylene	11.893	106	28451	5.41	ug/l	94
69) Styrene	11.909	104	4843	0.57	ug/l #	5
70) Isopropylbenzene	12.193	105	17269	1.26	ug/l	97
74) n-propylbenzene	12.542	91	7112	0.45	ug/l	98
76) 1,3,5-Trimethylbenzene	12.679	105	8217	0.71	ug/l	89
77) t-1,4-Dichloro-2-butene	12.190	75	1099	0.88	ug/l	84
79) tert-butylbenzene	13.177	119	2701	0.28	ug/l	48
80) 1,2,4-Trimethylbenzene	12.984	105	35967	3.23	ug/l	100
82) p-Isopropyltoluene	13.234	119	27650	2.50	ug/l	96
83) 1,3-Dichlorobenzene	13.312	146	20215	3.50	ug/l	96

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Apr 21 16:55:39 2021
Response via : Initial Calibration

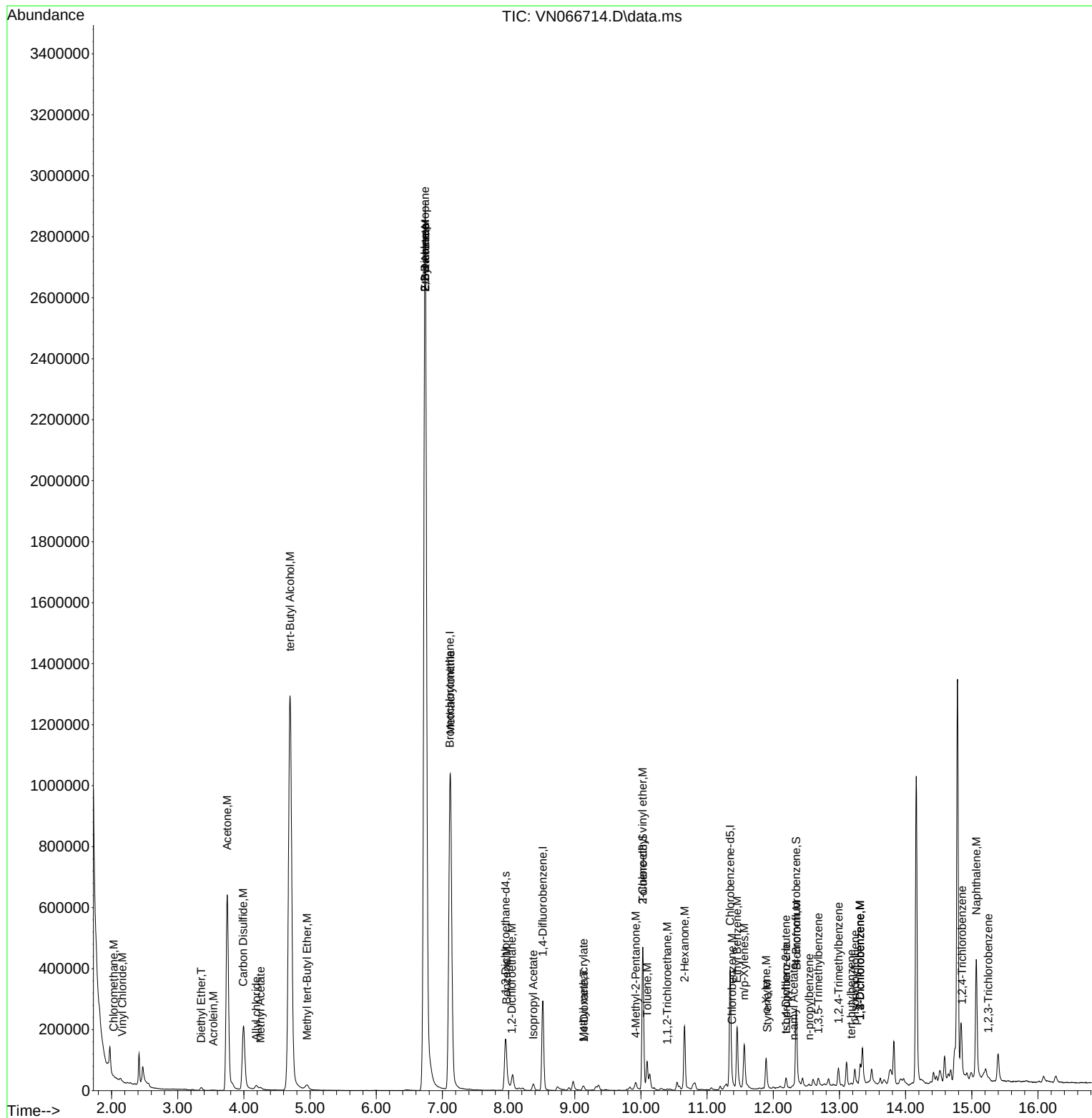
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,4-Dichlorobenzene	13.312	146	20215	3.63	ug/l	97
87) 1,2-Dichlorobenzene	13.312	146	20215	3.57	ug/l	95
89) 1,2,4-Trichlorobenzene	14.854	180	1273	0.39	ug/l	97
91) Naphthalene	15.068	128	376234	47.80	ug/l	100
92) 1,2,3-Trichlorobenzene	15.248	180	1562	0.50	ug/l	92

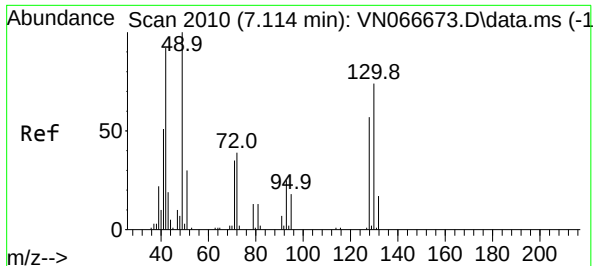
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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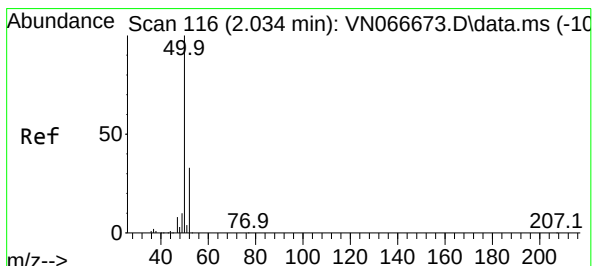
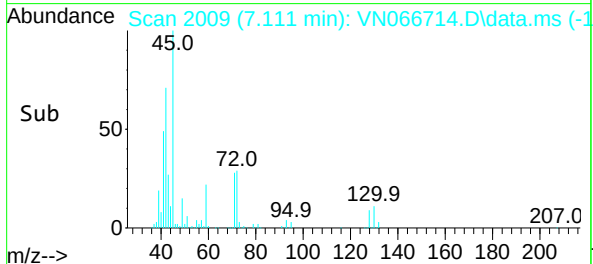
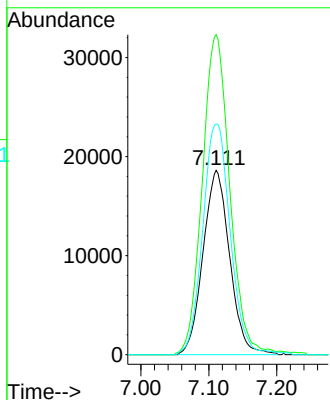
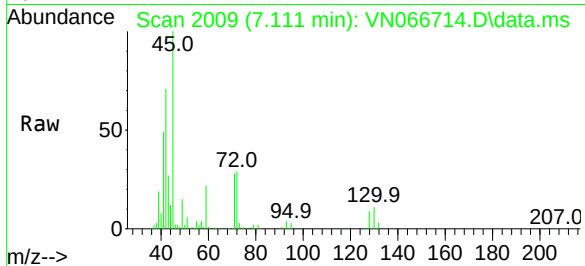




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.111 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

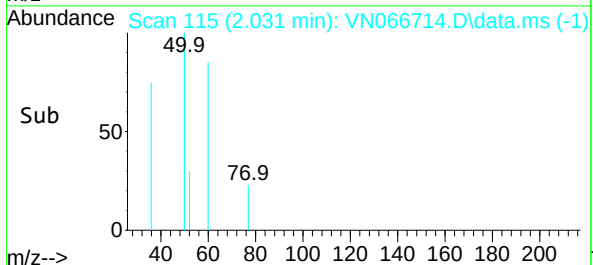
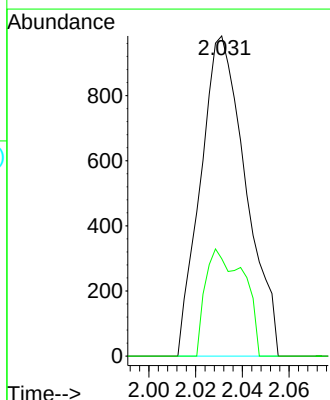
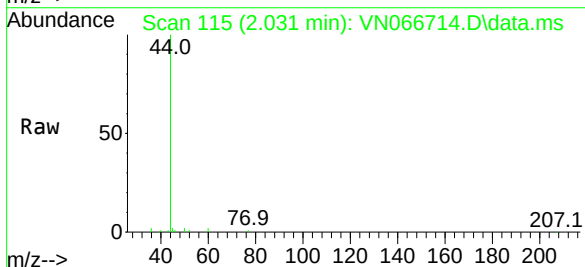
Instrument :
MSVOA_N
ClientSampleId :

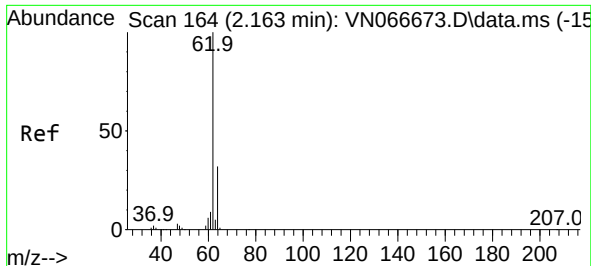
Tgt Ion:128 Resp: 50770
Ion Ratio Lower Upper
128 100
49 177.4 0.0 429.3
130 128.1 0.0 328.5



#3
Chloromethane
Concen: 0.34 ug/l
RT: 2.031 min Scan# 115
Delta R.T. -0.003 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

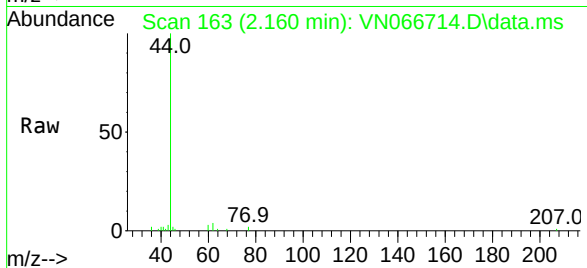
Tgt Ion: 50 Resp: 1321
Ion Ratio Lower Upper
50 100
52 30.4 26.2 39.4



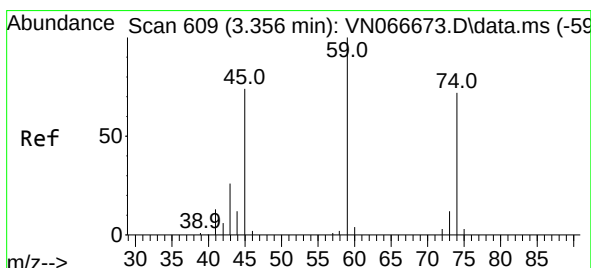
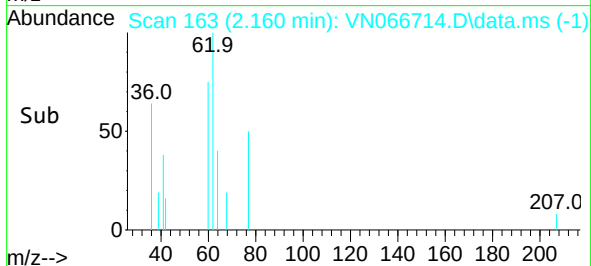
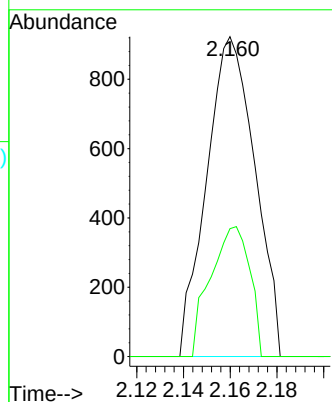


#4
 Vinyl Chloride
 Concen: 0.36 ug/l
 RT: 2.160 min Scan# 163
 Delta R.T. -0.003 min
 Lab File: VN066714.D
 Acq: 22 Apr 2021 15:03

Instrument :
 MSVOA_N
 ClientSampleId :

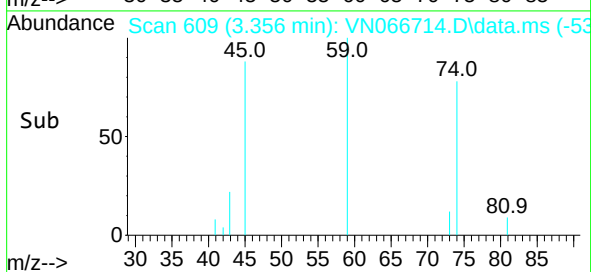
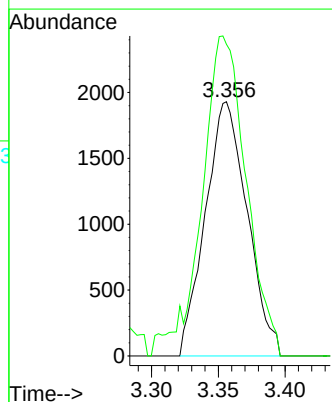
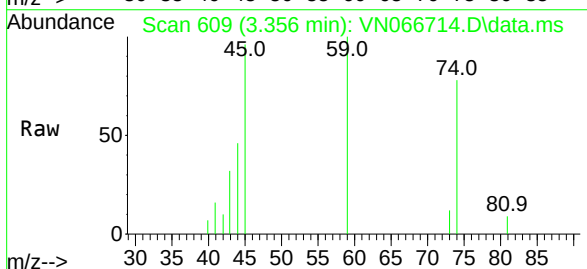


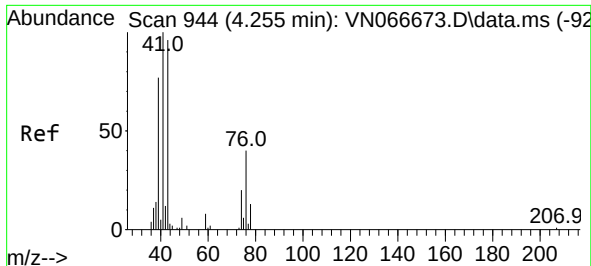
Tgt Ion: 62 Resp: 1328
 Ion Ratio Lower Upper
 62 100
 64 40.0 25.8 38.6#



#8
 Diethyl Ether
 Concen: 2.30 ug/l
 RT: 3.356 min Scan# 609
 Delta R.T. 0.000 min
 Lab File: VN066714.D
 Acq: 22 Apr 2021 15:03

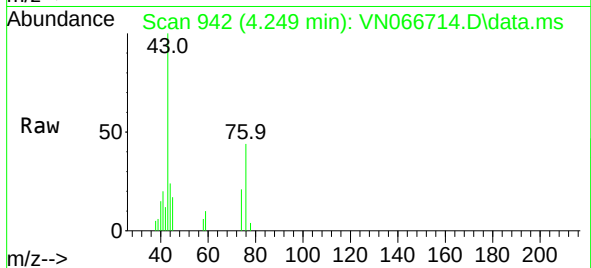
Tgt Ion: 74 Resp: 4215
 Ion Ratio Lower Upper
 74 100
 45 126.3 19.6 176.4



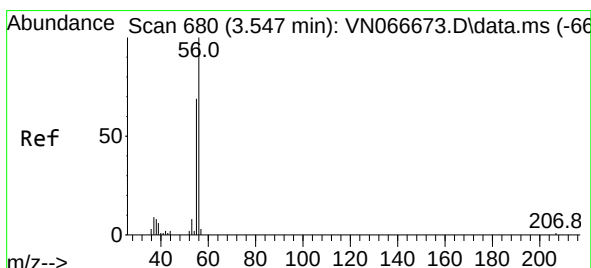
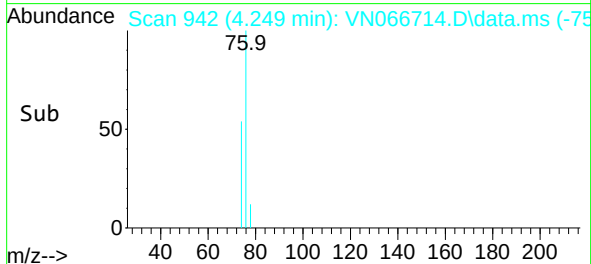
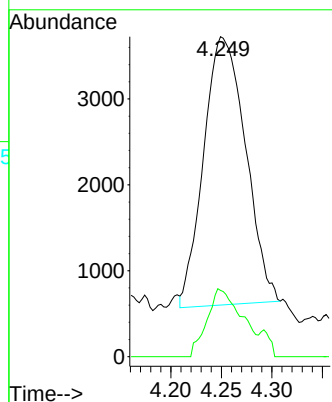


#12
Methyl Acetate
Concen: 2.51 ug/l
RT: 4.249 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

Instrument :
MSVOA_N
ClientSampleId :

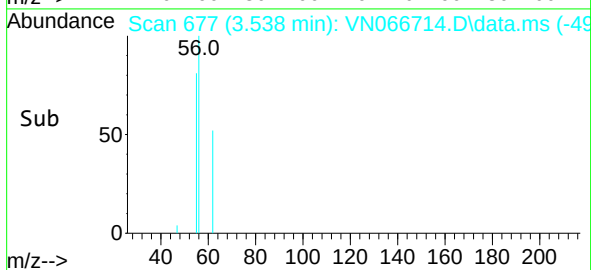
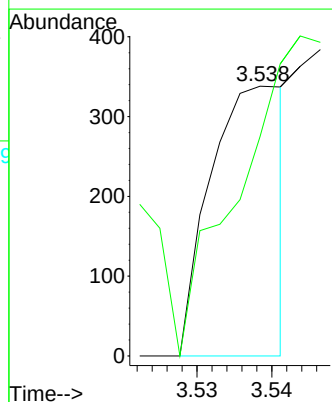
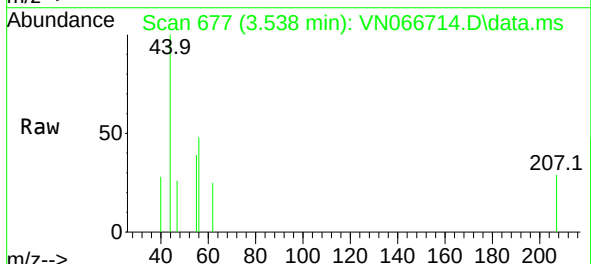


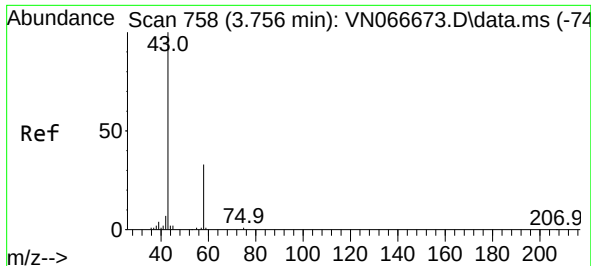
Tgt Ion: 43 Resp: 9014
Ion Ratio Lower Upper
43 100
74 25.3 18.0 27.0



#13
Acrolein
Concen: 0.46 ug/l
RT: 3.538 min Scan# 677
Delta R.T. -0.009 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

Tgt Ion: 56 Resp: 233
Ion Ratio Lower Upper
56 100
55 316.3 54.1 81.1#

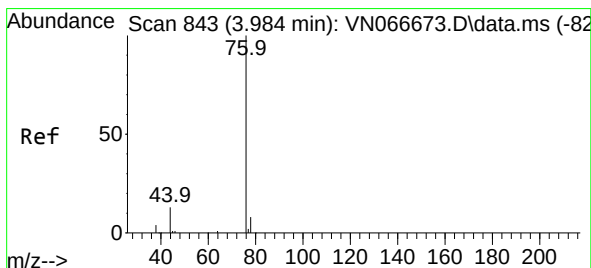
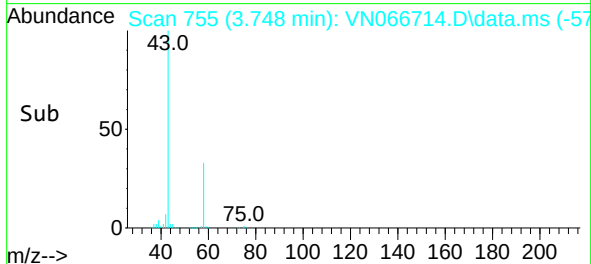
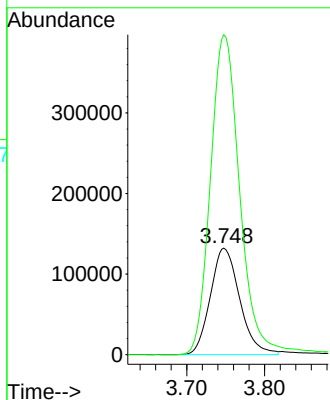
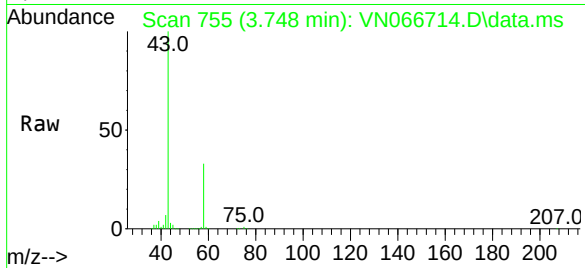




#15
Acetone
Concen: 835.22 ug/l
RT: 3.748 min Scan# 755
Delta R.T. -0.008 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

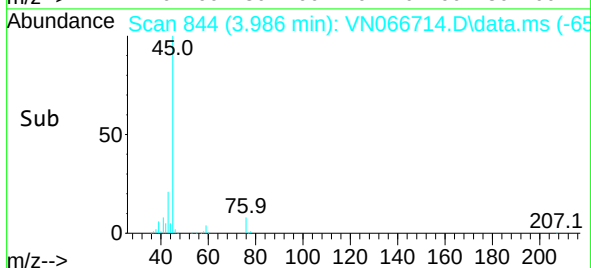
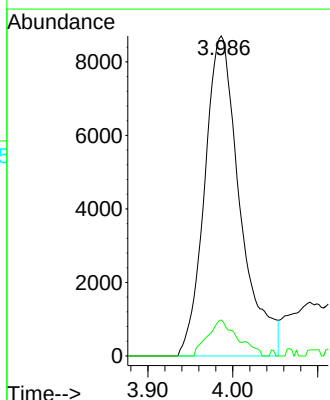
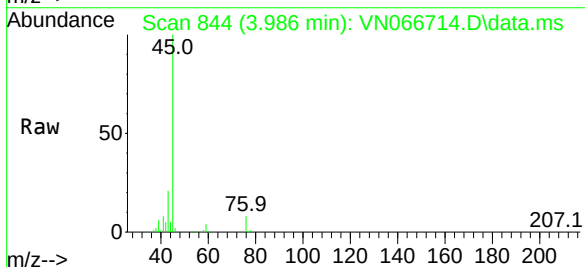
Instrument :
MSVOA_N
ClientSampled :

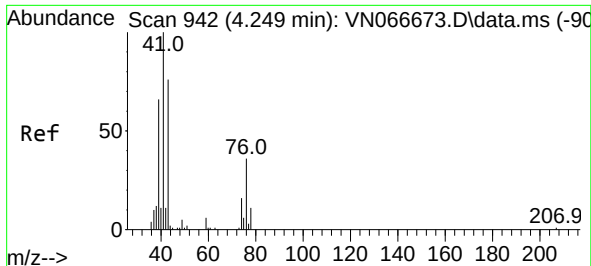
Tgt Ion: 58 Resp: 346521
Ion Ratio Lower Upper
58 100
43 300.2 267.3 400.9



#16
Carbon Disulfide
Concen: 3.09 ug/l
RT: 3.986 min Scan# 844
Delta R.T. 0.002 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

Tgt Ion: 76 Resp: 25164
Ion Ratio Lower Upper
76 100
78 11.2 7.0 10.6#





#17

Allyl chloride

Concen: 3.53 ug/l

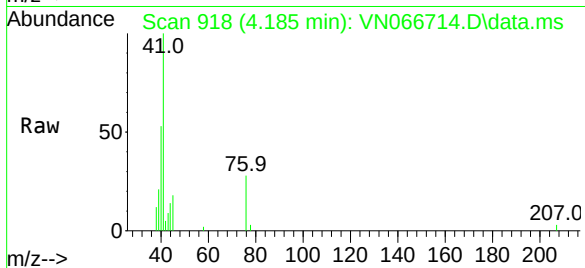
RT: 4.185 min Scan# 918

Delta R.T. -0.064 min

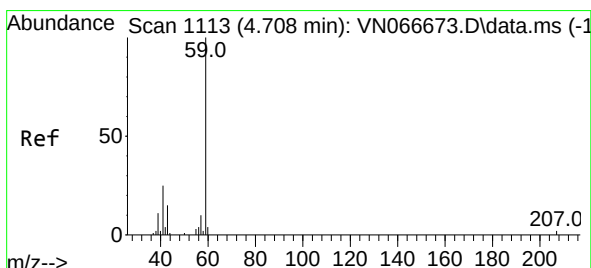
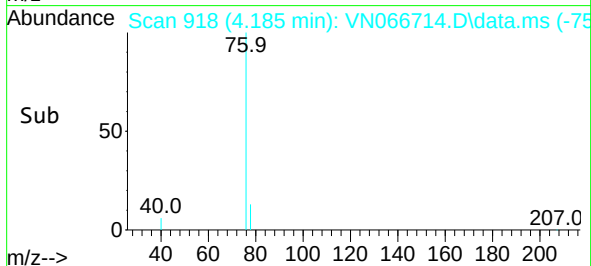
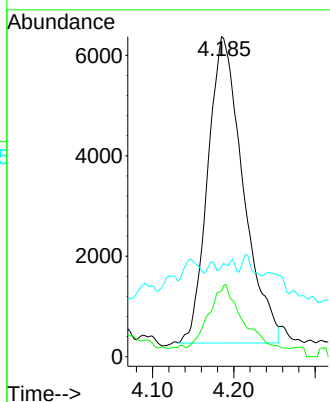
Lab File: VN066714.D

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MSVOA_N
ClientSampleId :



Tgt Ion:	41	Resp:	18438
Ion Ratio	Lower	Upper	
41	100		
39	18.4	38.6	116.0#
76	4.9	17.6	52.8#



#23

tert-Butyl Alcohol

Concen: 4972.04 ug/l

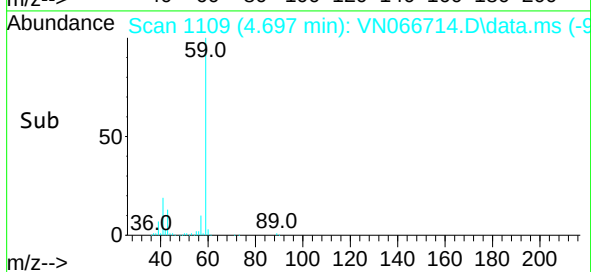
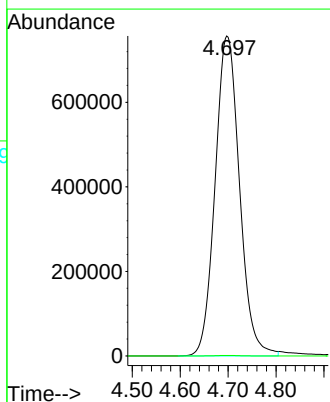
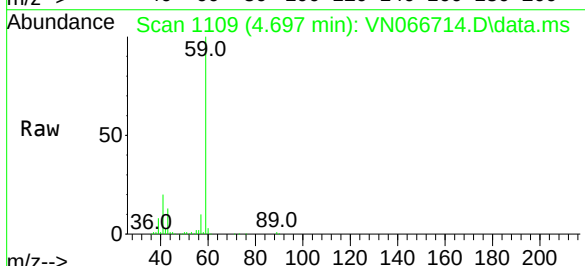
RT: 4.697 min Scan# 1109

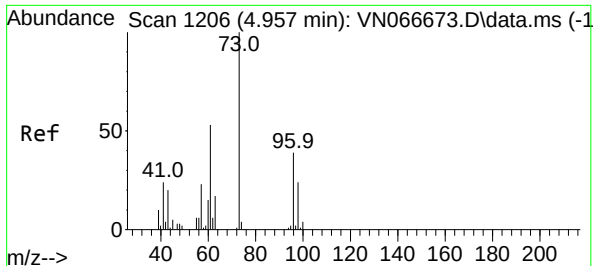
Delta R.T. -0.011 min

Lab File: VN066714.D

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Tgt Ion:	59	Resp:	2675112
Ion Ratio	Lower	Upper	
59	100		
52	0.2	0.1	0.1#

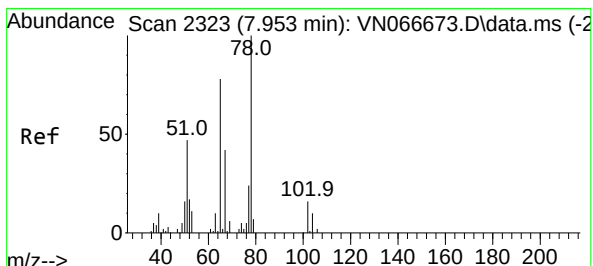
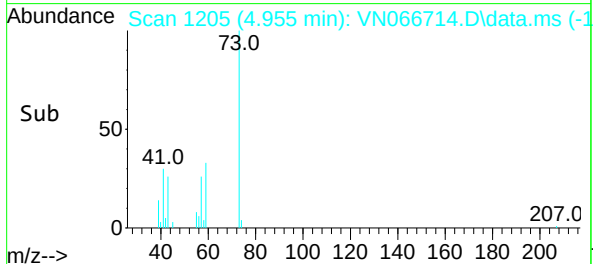
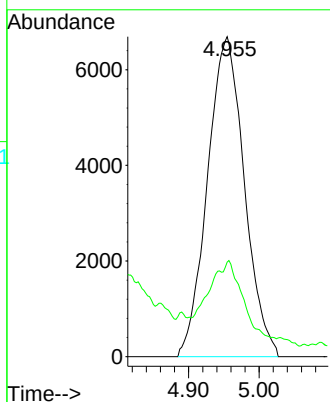
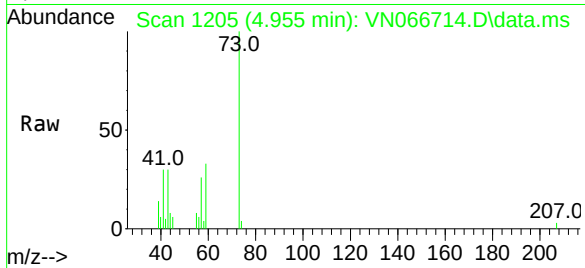




#24
Methyl tert-Butyl Ether
Concen: 2.64 ug/l
RT: 4.955 min Scan# 1205
Delta R.T. -0.002 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

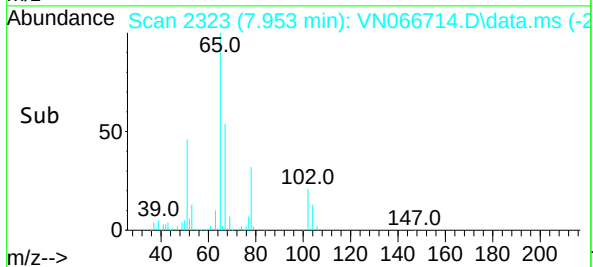
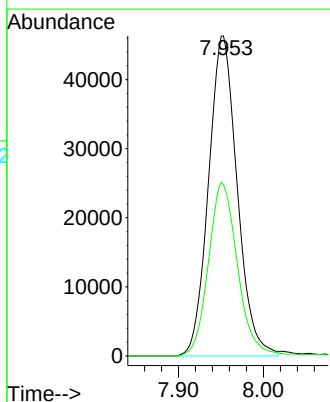
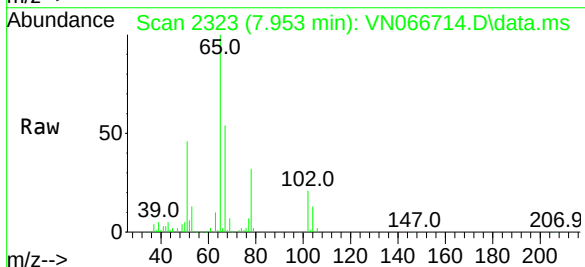
Instrument :
MSVOA_N
ClientSampled :

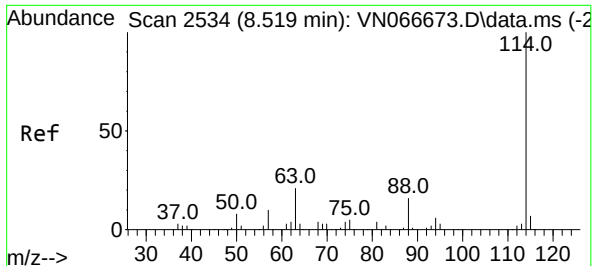
Tgt Ion: 73 Resp: 24264
Ion Ratio Lower Upper
73 100
43 0.1 18.5 27.7#



#27
1,2-Dichloroethane-d4
Concen: 29.66 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

Tgt Ion: 65 Resp: 108516
Ion Ratio Lower Upper
65 100
67 54.7 42.2 63.4

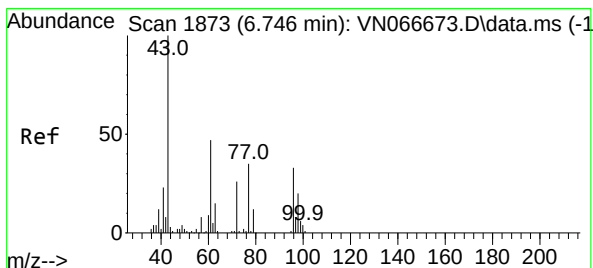
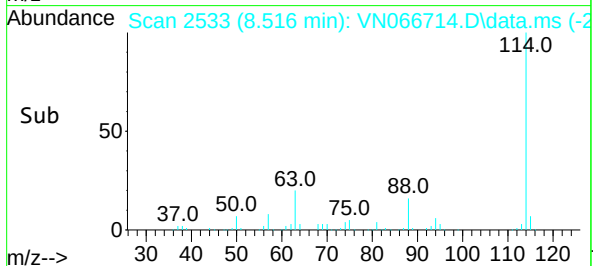
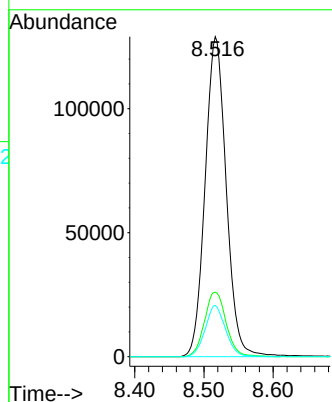
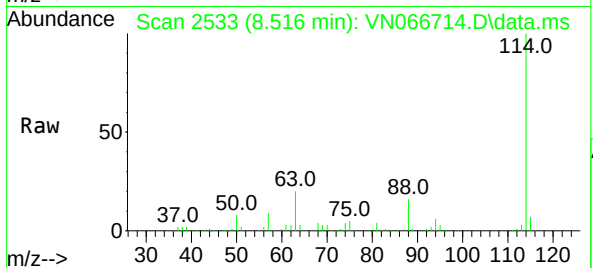




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.516 min Scan# 2533
Delta R.T. -0.003 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

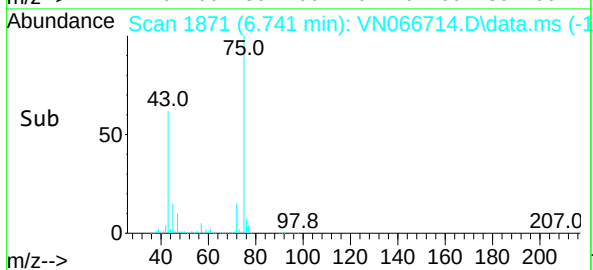
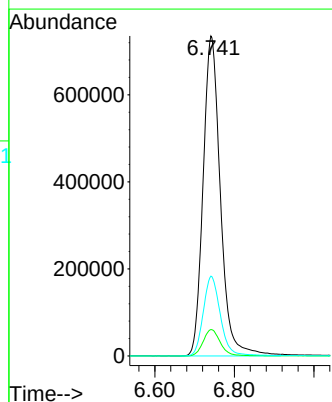
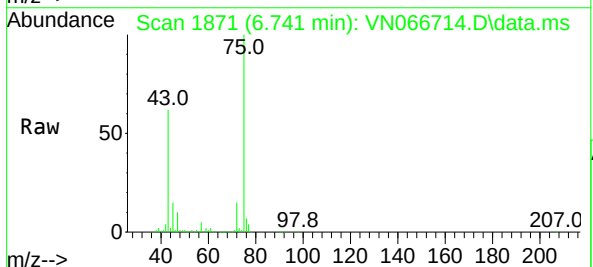
Instrument :
MSVOA_N
ClientSampleId :

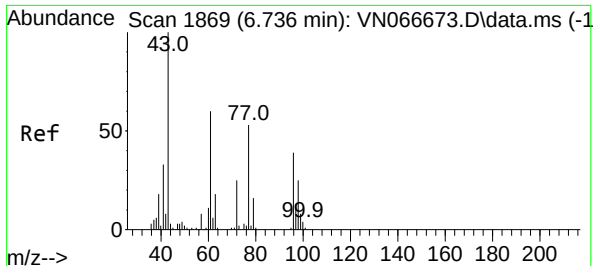
Tgt Ion:114 Resp: 273137
Ion Ratio Lower Upper
114 100
63 20.8 17.4 26.0
88 15.5 12.6 19.0



#30
2-Butanone
Concen: 1071.84 ug/l
RT: 6.741 min Scan# 1871
Delta R.T. -0.005 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

Tgt Ion: 43 Resp: 2225360
Ion Ratio Lower Upper
43 100
57 8.1 6.9 10.3
72 24.6 20.9 31.3

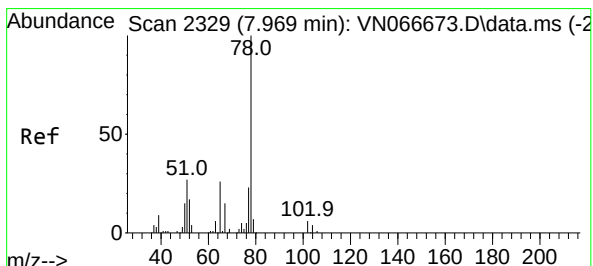
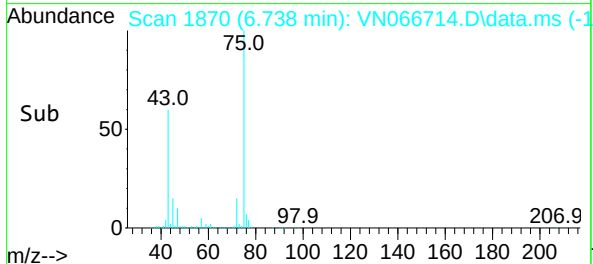
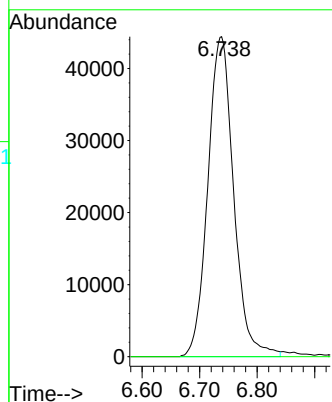
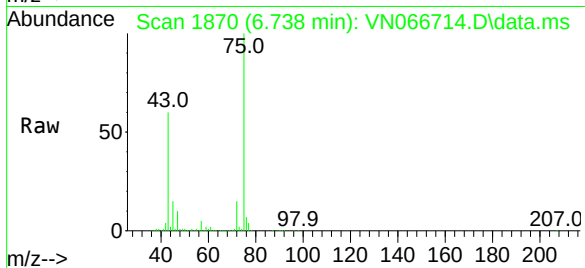




#31
2,2-Dichloropropane
Concen: 27.99 ug/l
RT: 6.738 min Scan# 1870
Delta R.T. 0.002 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

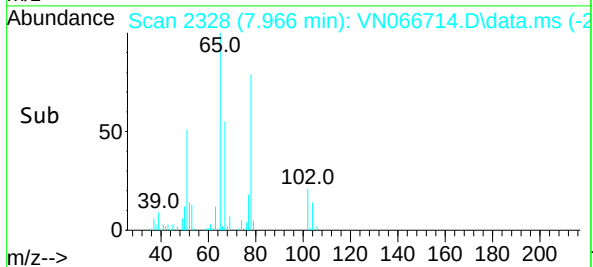
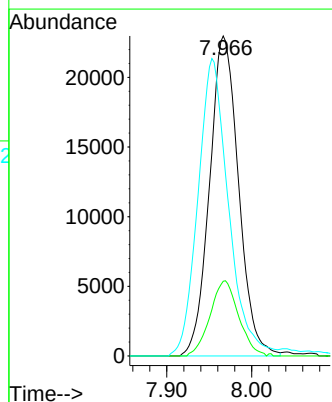
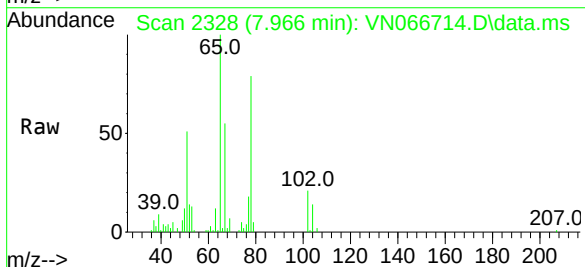
Instrument :
MSVOA_N
ClientSampled :

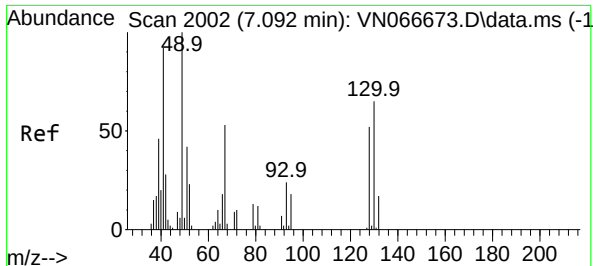
Tgt Ion: 77 Resp: 138696
Ion Ratio Lower Upper
77 100
97 0.0 18.1 27.1#



#34
Benzene
Concen: 3.93 ug/l
RT: 7.966 min Scan# 2328
Delta R.T. -0.003 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

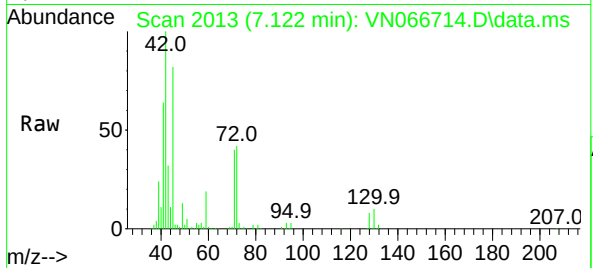
Tgt Ion: 78 Resp: 54492
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8
51 62.7 21.9 32.9#



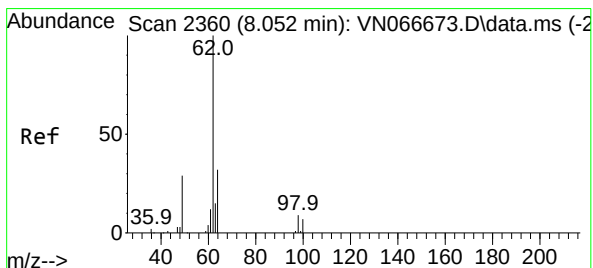
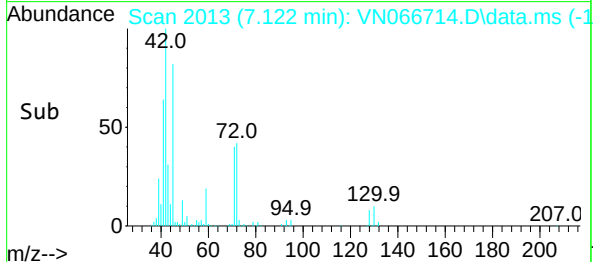
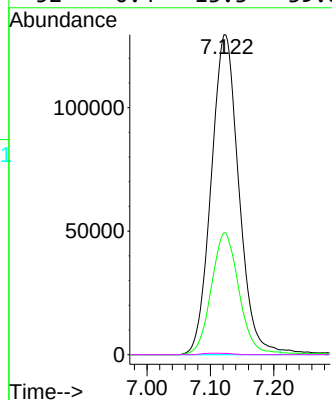


#35
Methacrylonitrile
Concen: 196.06 ug/l
RT: 7.122 min Scan# 2013
Delta R.T. 0.030 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

Instrument :
MSVOA_N
ClientSampleId :

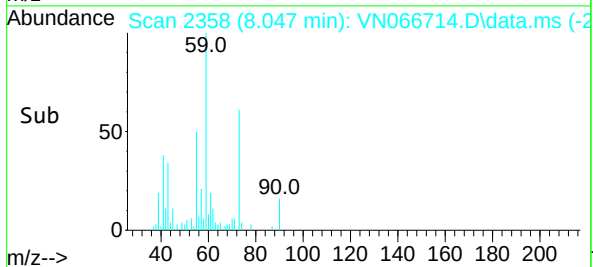
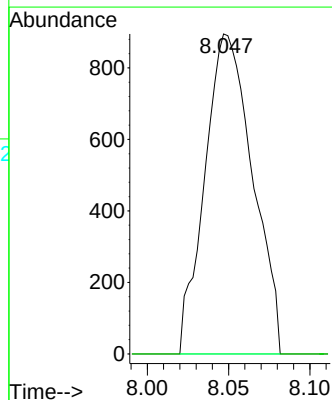
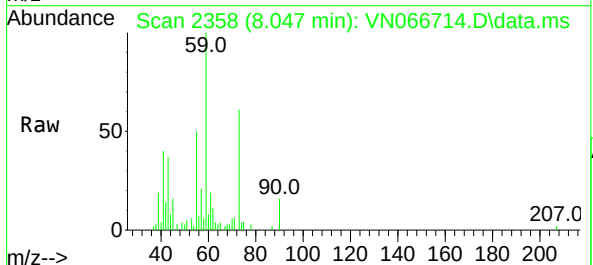


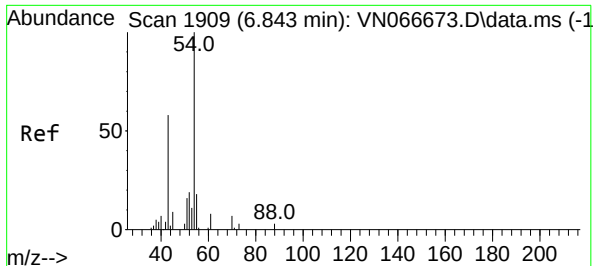
Tgt Ion:	41	Resp:	391867
Ion Ratio	Lower	Upper	
41	100		
39	38.1	27.3	81.8
67	0.0	31.4	94.3#
52	0.4	13.3	39.8#



#36
1,2-Dichloroethane
Concen: 0.40 ug/l
RT: 8.047 min Scan# 2358
Delta R.T. -0.005 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

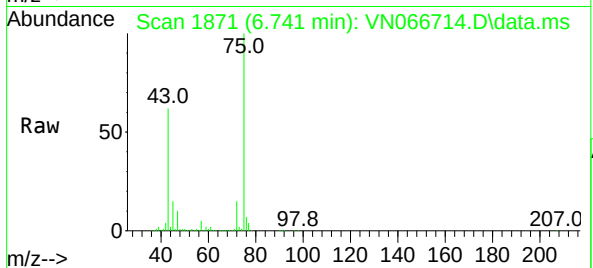
Tgt Ion:	62	Resp:	1836
Ion Ratio	Lower	Upper	
62	100		
98	0.0	6.9	10.3#



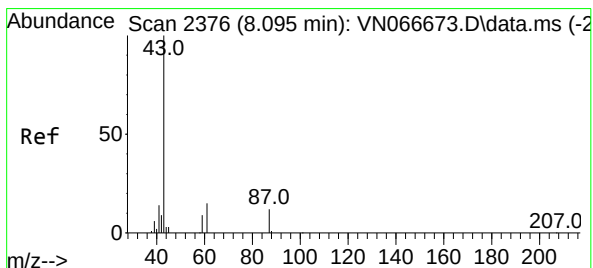
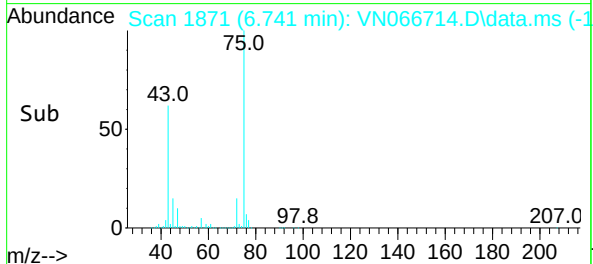
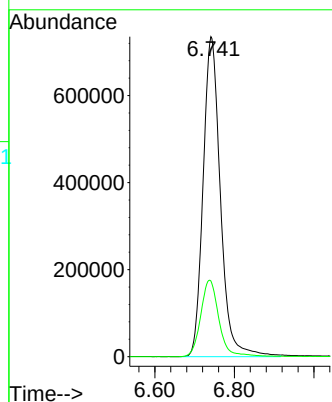


#43
Ethyl Acetate
Concen: 487.45 ug/l
RT: 6.741 min Scan# 1871
Delta R.T. -0.102 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

Instrument :
MSVOA_N
ClientSampleId :

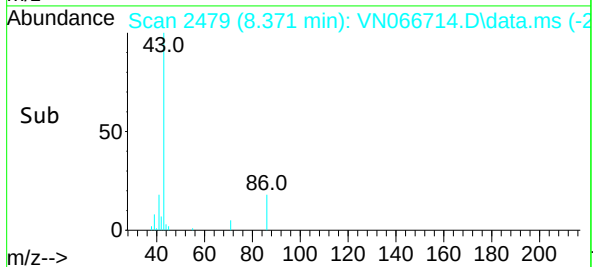
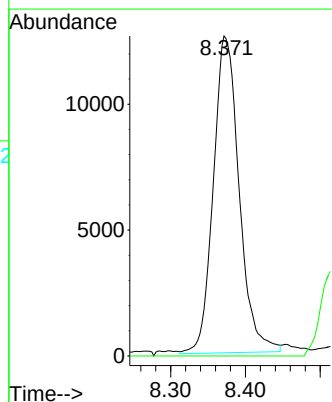
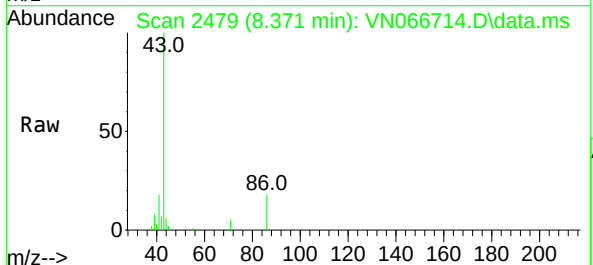


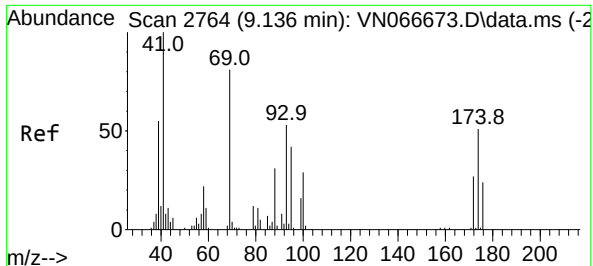
Tgt Ion: 43 Resp: 2225360
Ion Ratio Lower Upper
43 100
45 24.6 6.3 9.5#



#44
Isopropyl Acetate
Concen: 3.96 ug/l
RT: 8.371 min Scan# 2479
Delta R.T. 0.276 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

Tgt Ion: 43 Resp: 30151
Ion Ratio Lower Upper
43 100
61 24.4 20.4 30.6





#45

1,4-Dioxane

Concen: 74.42 ug/l

RT: 9.138 min Scan# 2765

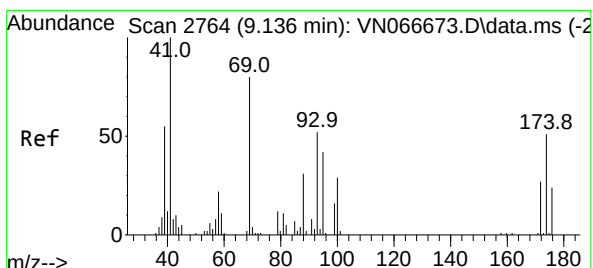
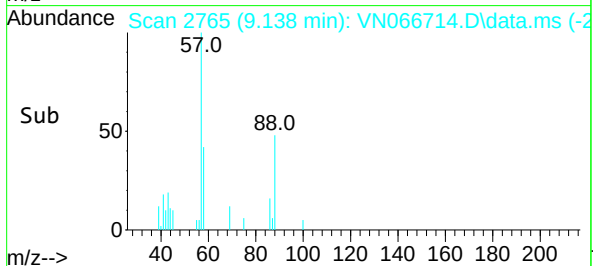
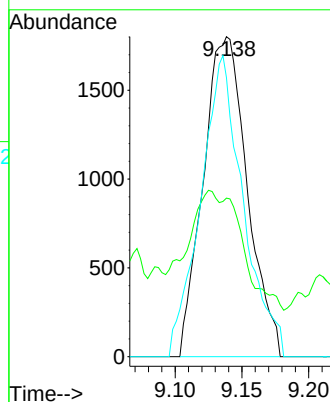
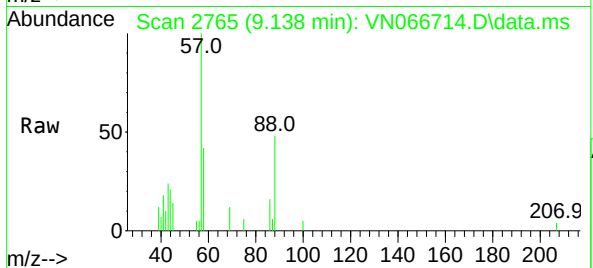
Delta R.T. 0.002 min

Lab File: VN066714.D

Acq: 22 Apr 2021 15:03

Tgt Ion:	88	Resp:	4124
Ion	Ratio	Lower	Upper
88	100		
43	8.9	27.0	40.4#
58	90.9	57.9	86.9#

Instrument :
MSVOA_N
ClientSampled :



#46

Methyl methacrylate

Concen: 0.29 ug/l

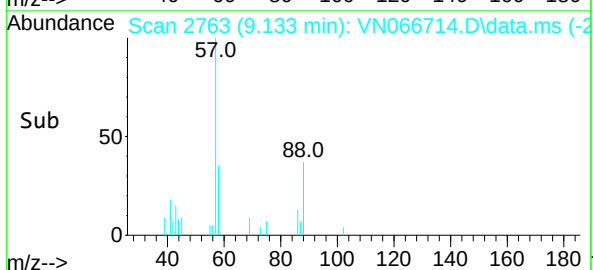
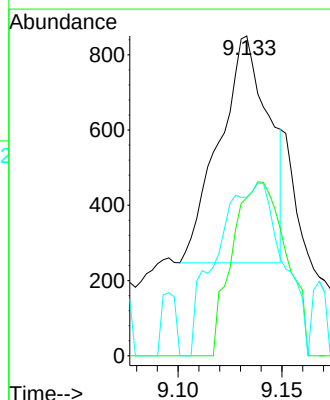
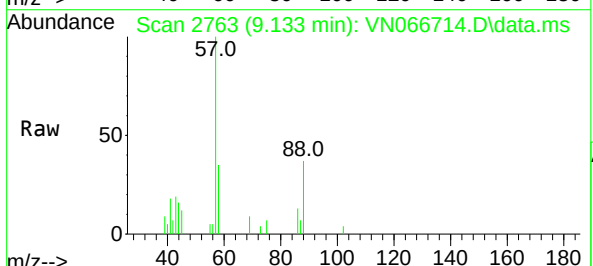
RT: 9.133 min Scan# 2763

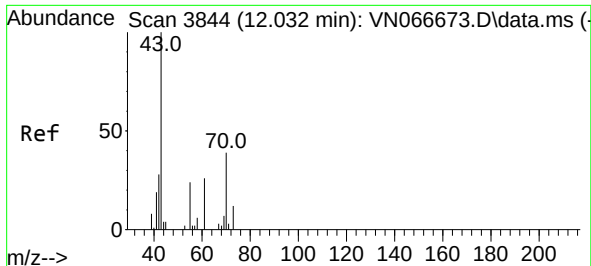
Delta R.T. -0.003 min

Lab File: VN066714.D

Acq: 22 Apr 2021 15:03

Tgt Ion:	41	Resp:	1000
Ion	Ratio	Lower	Upper
41	100		
69	69.7	40.6	121.7
39	70.0	33.2	99.6

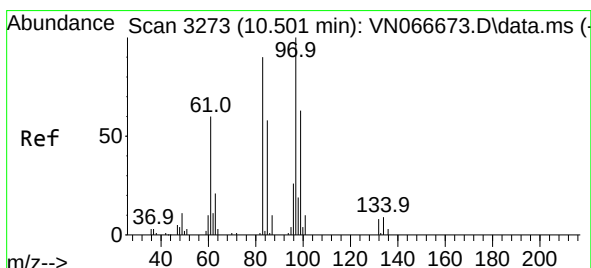
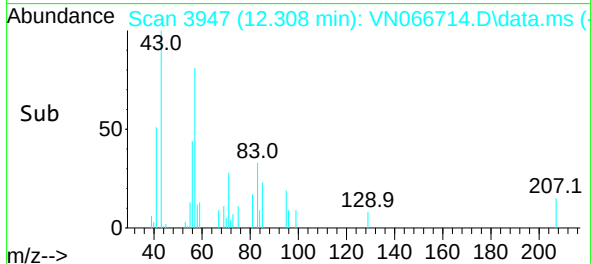
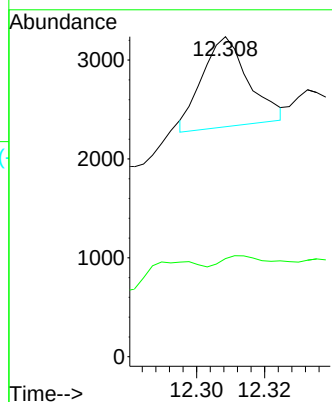
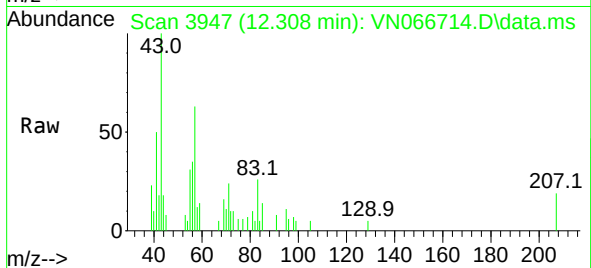




#47
n-amy1 Acetate
Concen: 0.21 ug/l
RT: 12.308 min Scan# 3947
Delta R.T. 0.276 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

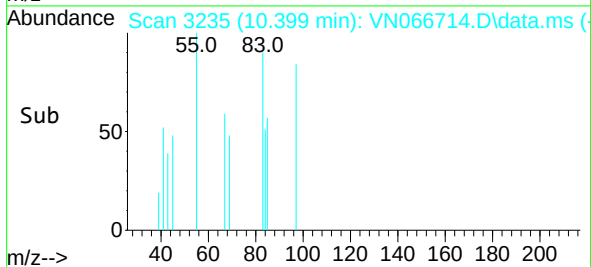
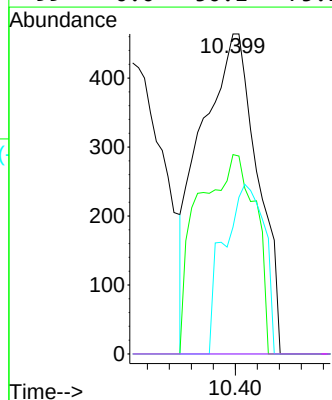
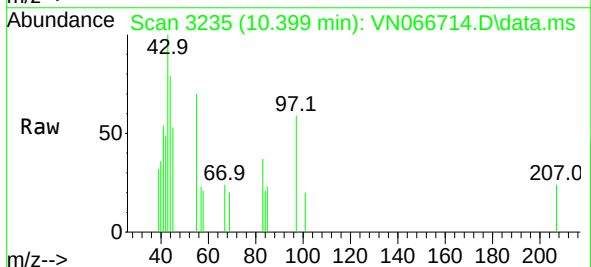
Instrument :
MSVOA_N
ClientSampleId :

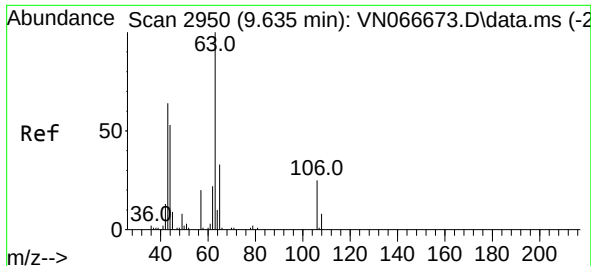
Tgt Ion: 43 Resp: 863
Ion Ratio Lower Upper
43 100
55 18.2 17.7 26.5



#50
1,1,2-Trichloroethane
Concen: 0.25 ug/l
RT: 10.399 min Scan# 3235
Delta R.T. -0.102 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

Tgt Ion: 97 Resp: 839
Ion Ratio Lower Upper
97 100
83 62.3 68.8 103.2#
85 39.7 44.8 67.2#
99 0.0 50.1 75.1#

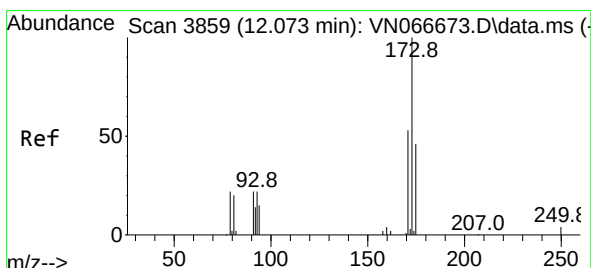
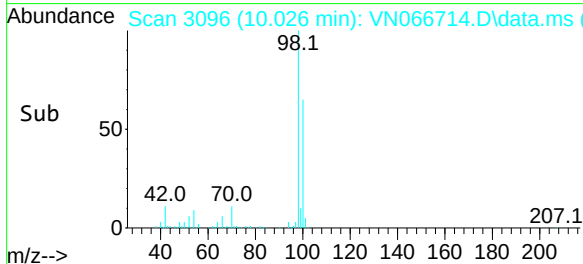
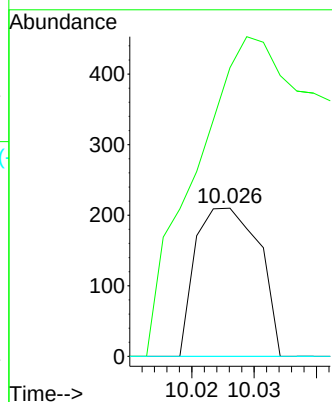
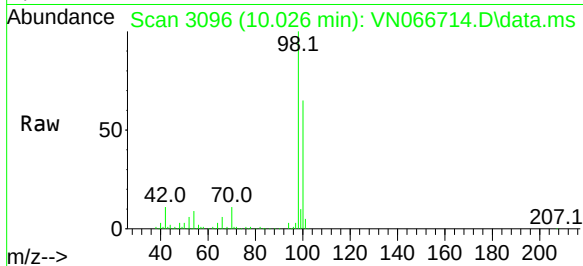




#55
2-Chloroethyl vinyl ether
Concen: 0.21 ug/l
RT: 10.026 min Scan# 3096
Delta R.T. 0.391 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

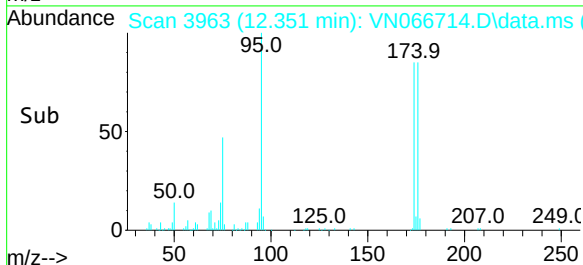
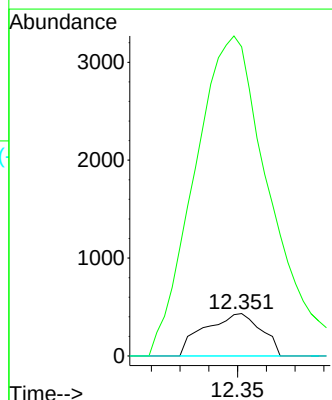
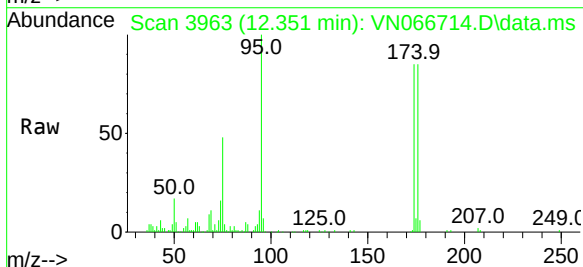
Instrument :
MSVOA_N
ClientSampled :

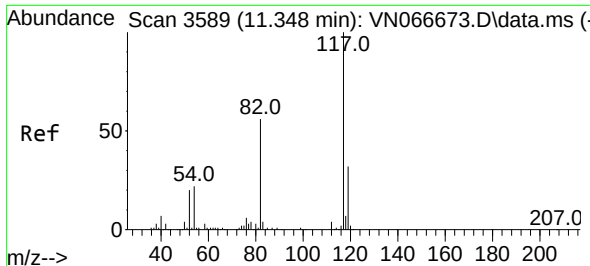
Tgt Ion: 63 Resp: 149
Ion Ratio Lower Upper
63 100
65 511.4 26.0 39.0#
106 0.0 20.6 31.0#



#56
Bromoform
Concen: 0.23 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.278 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

Tgt Ion: 173 Resp: 594
Ion Ratio Lower Upper
173 100
175 1013.1 38.3 57.5#
254 0.0 0.0 0.0

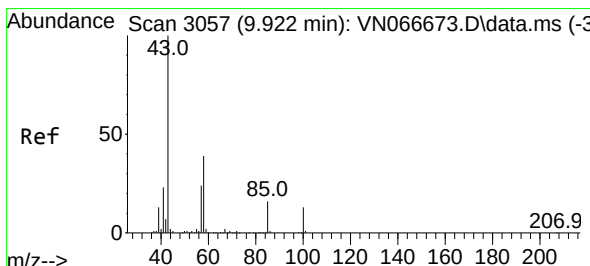
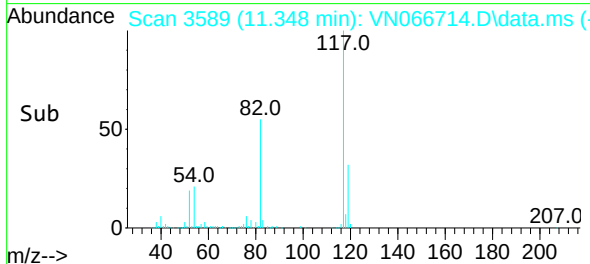
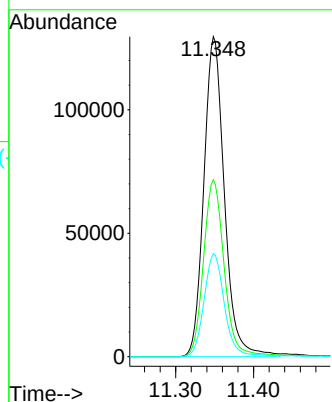
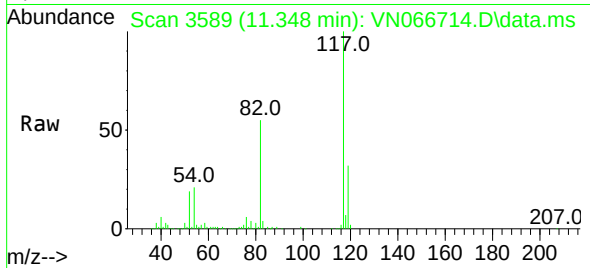




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. 0.000 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

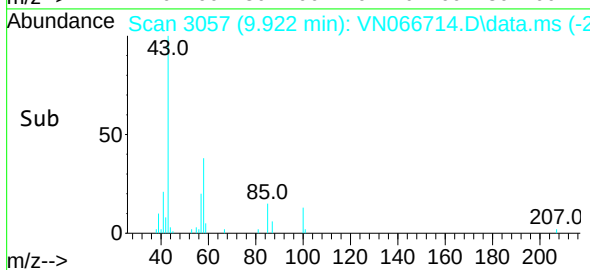
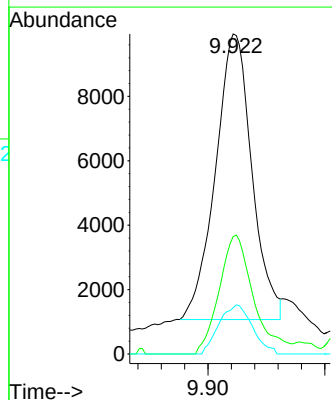
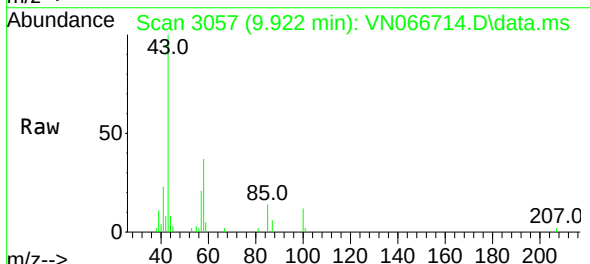
Instrument :
MSVOA_N
ClientSampleId :

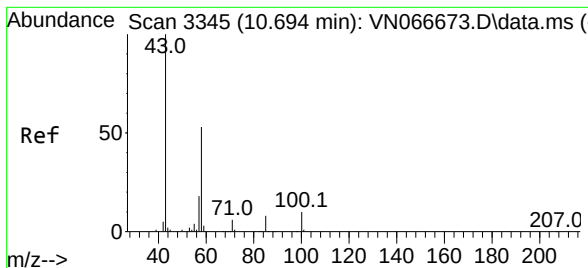
Tgt Ion:	117	Resp:	238084
Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.0	67.6
119	32.0	25.5	38.3



#58
4-Methyl-2-Pentanone
Concen: 4.73 ug/l
RT: 9.922 min Scan# 3057
Delta R.T. -0.000 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

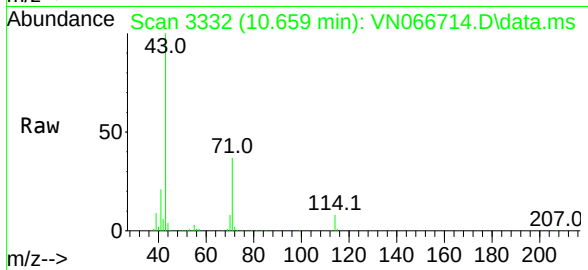
Tgt Ion:	43	Resp:	19196
Ion	Ratio	Lower	Upper
43	100		
58	39.5	30.4	45.6
85	15.7	13.8	20.8



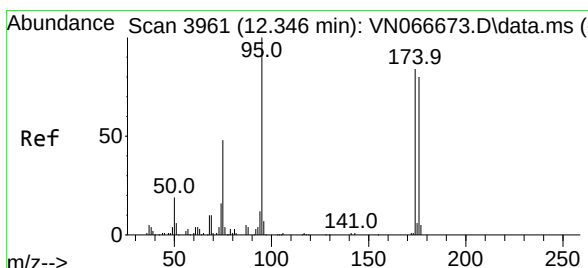
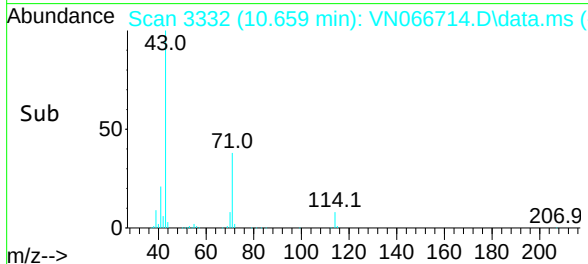
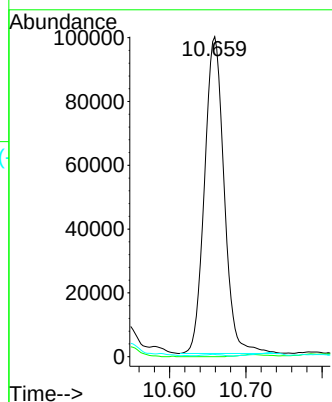


#59
2-Hexanone
Concen: 68.01 ug/l
RT: 10.659 min Scan# 3332
Delta R.T. -0.035 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

Instrument :
MSVOA_N
ClientSampleId :

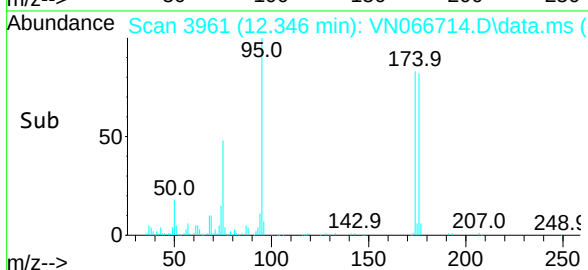
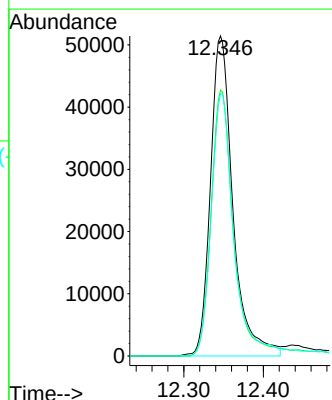
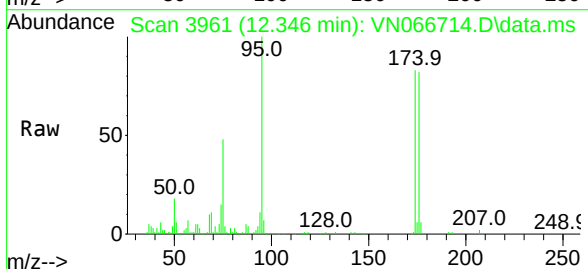


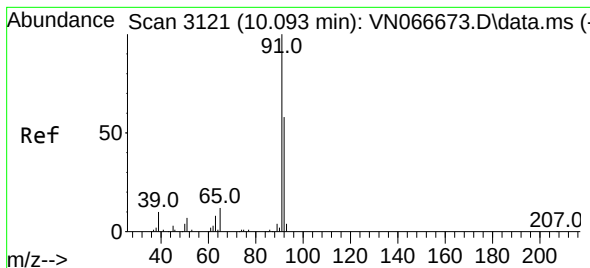
Tgt Ion: 43 Resp: 177293
Ion Ratio Lower Upper
43 100
58 0.0 41.8 62.6#
57 0.4 14.9 22.3#



#60
4-Bromofluorobenzene
Concen: 27.07 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.000 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

Tgt Ion: 95 Resp: 101008
Ion Ratio Lower Upper
95 100
174 81.9 68.1 102.1
176 80.3 65.4 98.0





#62

Toluene

Concen: 4.89 ug/l

RT: 10.093 min Scan# 3121

Delta R.T. 0.000 min

Lab File: VN066714.D

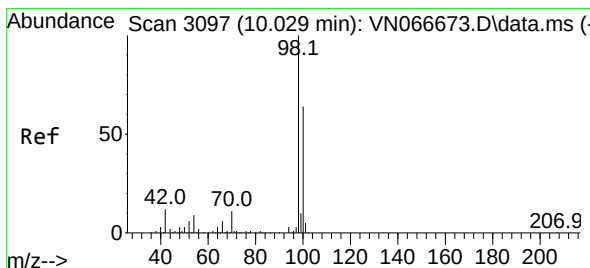
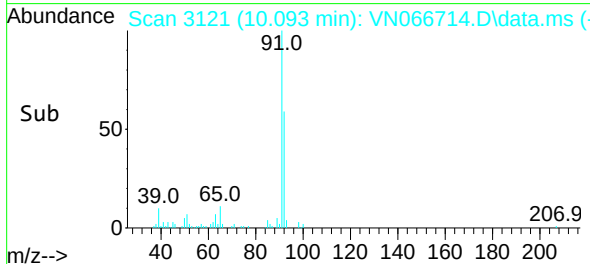
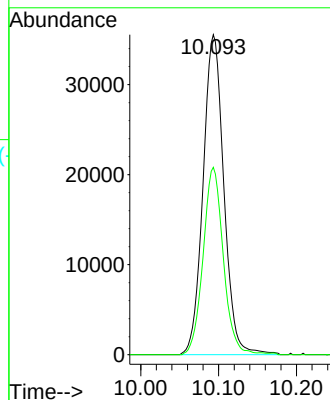
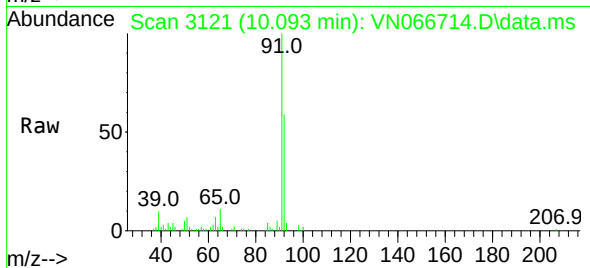
Acq: 22 Apr 2021 15:03

Tgt Ion: 91 Resp: 66124

Ion Ratio Lower Upper

91 100

92 56.7 46.2 69.2



#63

Toluene-d8

Concen: 30.52 ug/l

RT: 10.029 min Scan# 3097

Delta R.T. -0.000 min

Lab File: VN066714.D

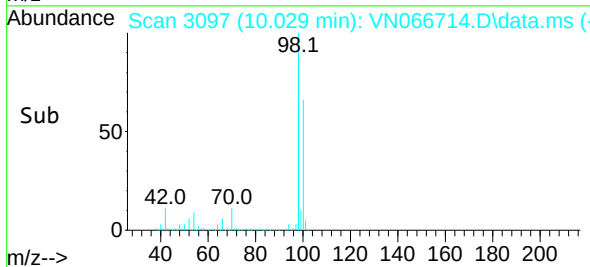
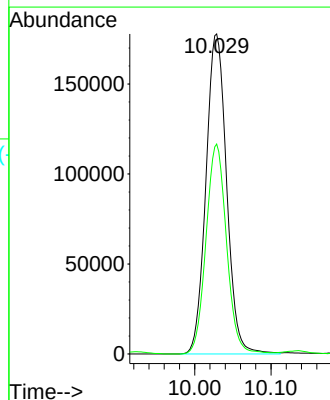
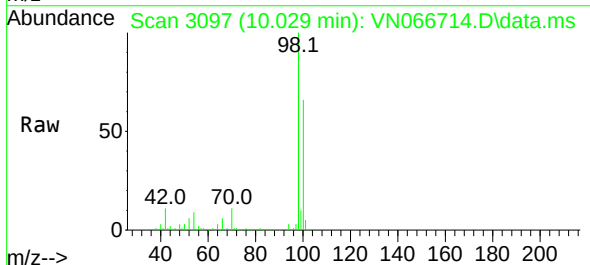
Acq: 22 Apr 2021 15:03

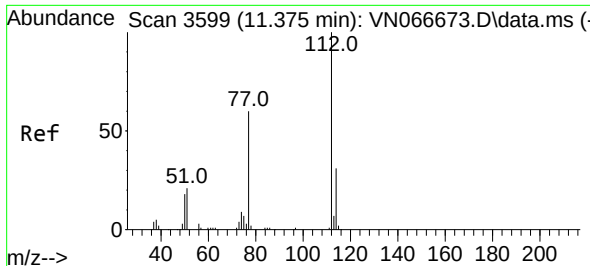
Tgt Ion: 98 Resp: 334331

Ion Ratio Lower Upper

98 100

100 65.2 51.1 76.7

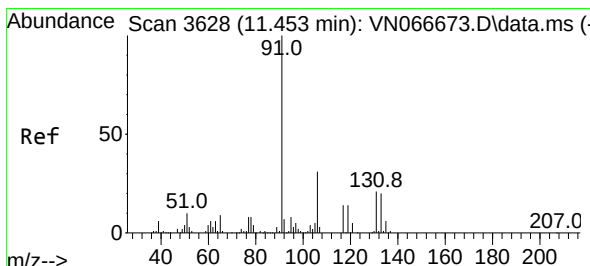
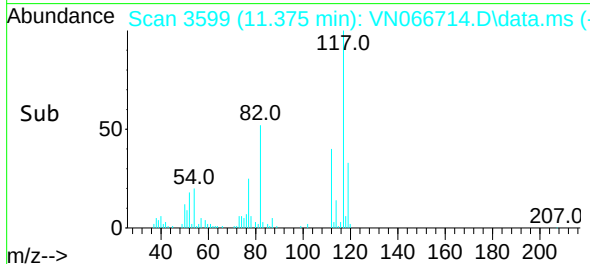
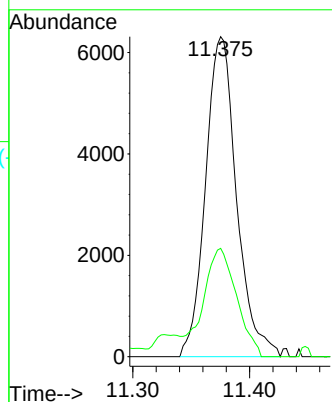
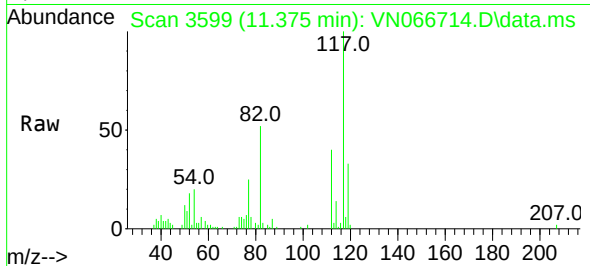




#64
Chlorobenzene
Concen: 1.44 ug/l
RT: 11.375 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

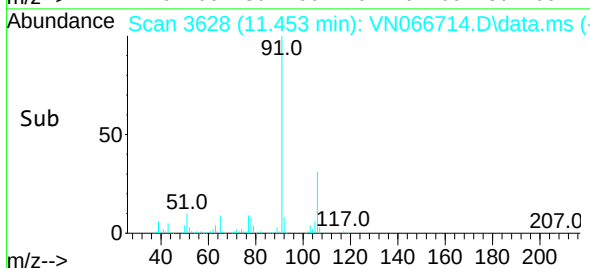
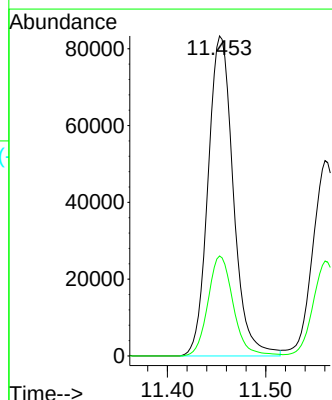
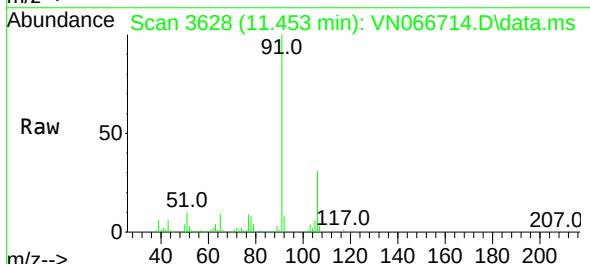
Instrument :
MSVOA_N
ClientSampled :

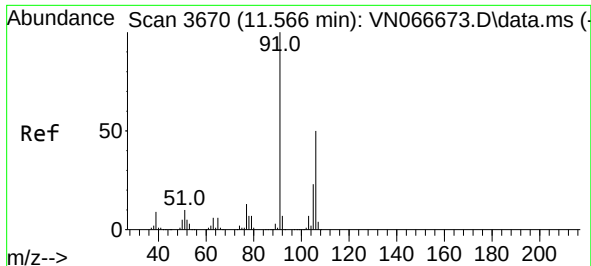
Tgt Ion:112 Resp: 11653
Ion Ratio Lower Upper
112 100
114 33.9 25.6 38.4



#66
Ethyl Benzene
Concen: 10.32 ug/l
RT: 11.453 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

Tgt Ion: 91 Resp: 149016
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3

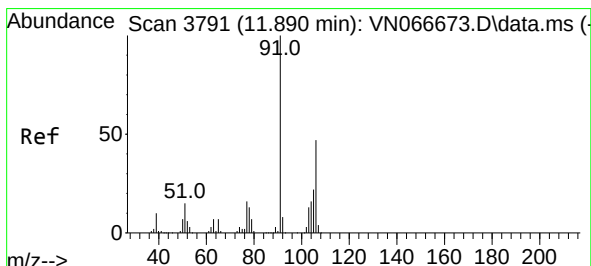
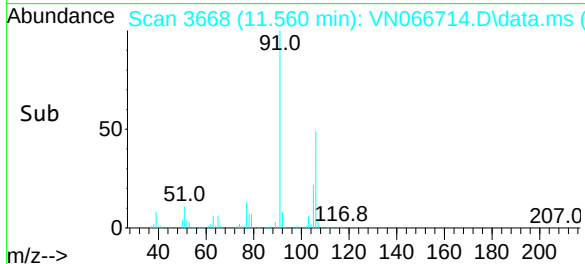
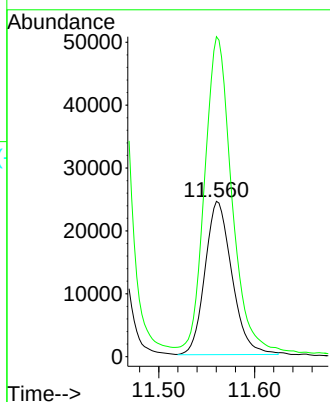
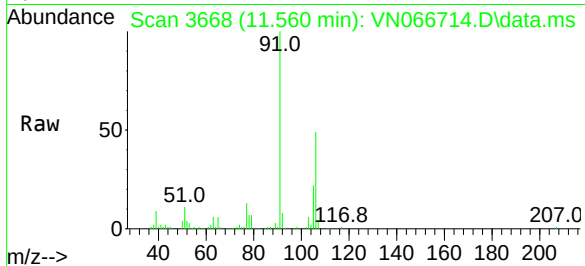




#67
m/p-Xylenes
Concen: 8.79 ug/l
RT: 11.560 min Scan# 3668
Delta R.T. -0.006 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

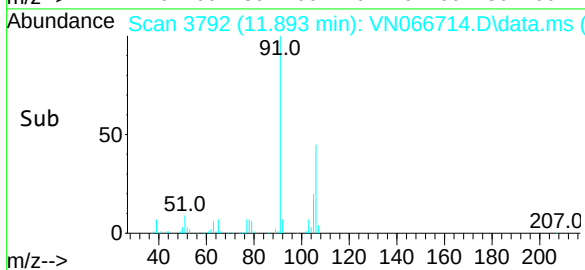
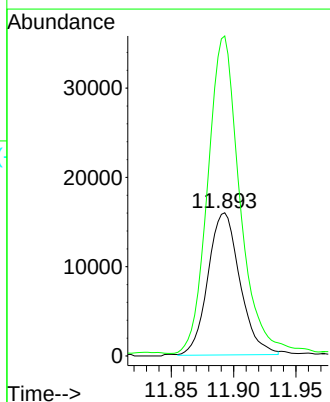
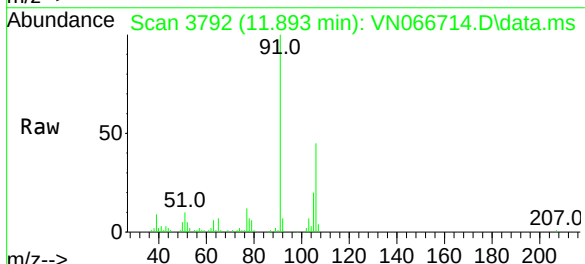
Instrument :
MSVOA_N
ClientSampled :

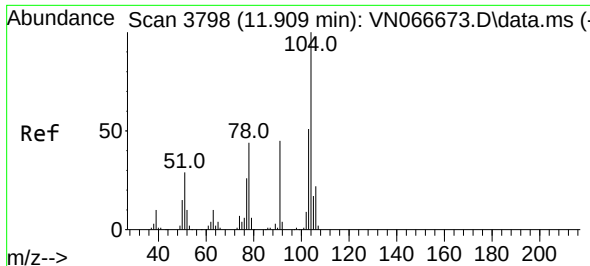
Tgt Ion:106 Resp: 47632
Ion Ratio Lower Upper
106 100
91 209.7 164.8 247.2



#68
o-Xylene
Concen: 5.41 ug/l
RT: 11.893 min Scan# 3792
Delta R.T. 0.003 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

Tgt Ion:106 Resp: 28451
Ion Ratio Lower Upper
106 100
91 224.1 107.1 321.4

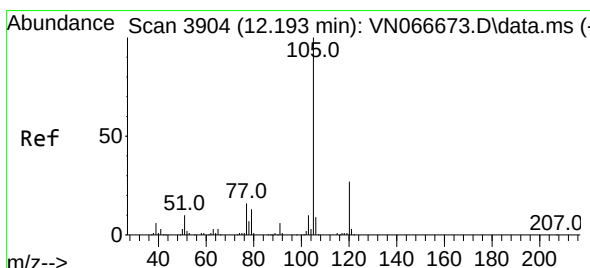
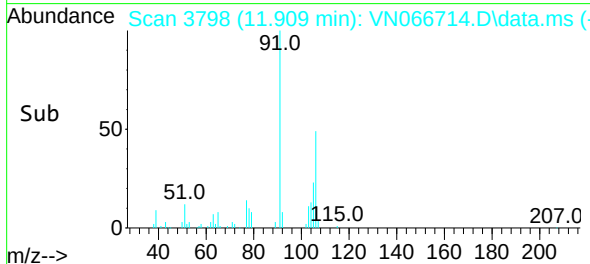
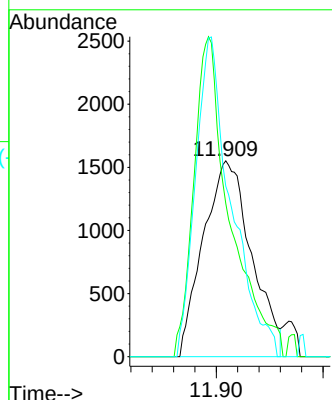
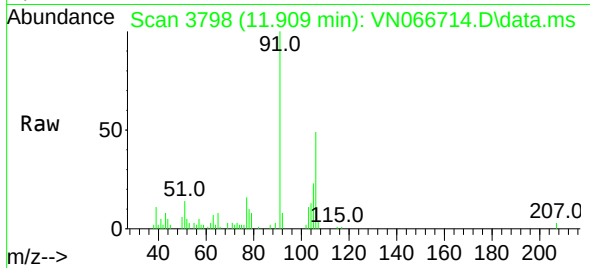




#69
Styrene
Concen: 0.57 ug/l
RT: 11.909 min Scan# 3798
Delta R.T. -0.000 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

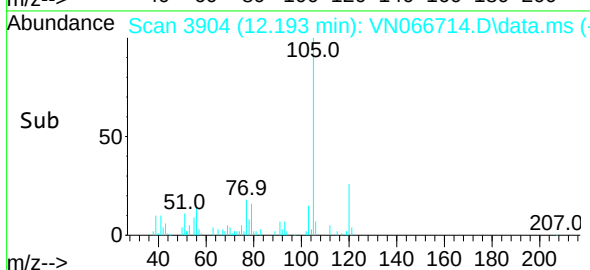
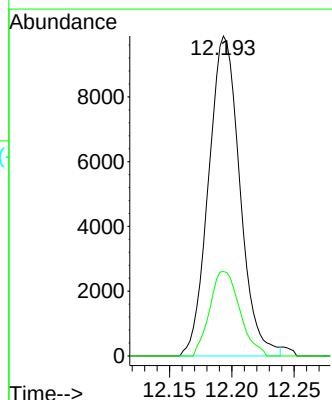
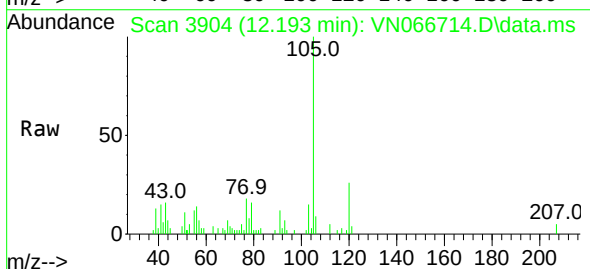
Instrument :
MSVOA_N
ClientSampleId :

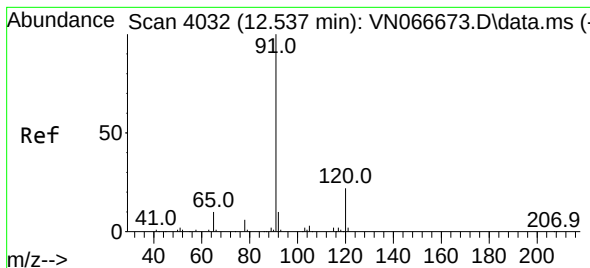
Tgt Ion:104 Resp: 4843
Ion Ratio Lower Upper
104 100
78 122.1 41.0 61.6#
103 118.0 43.7 65.5#



#70
Isopropylbenzene
Concen: 1.26 ug/l
RT: 12.193 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

Tgt Ion:105 Resp: 17269
Ion Ratio Lower Upper
105 100
120 25.4 18.7 34.7





#74

n-propylbenzene

Concen: 0.45 ug/l

RT: 12.542 min Scan# 4034

Delta R.T. 0.005 min

Lab File: VN066714.D

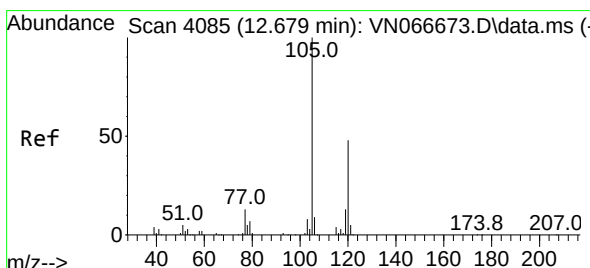
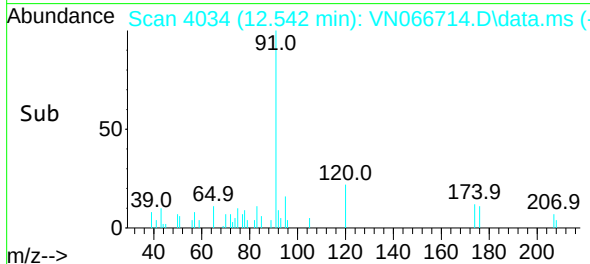
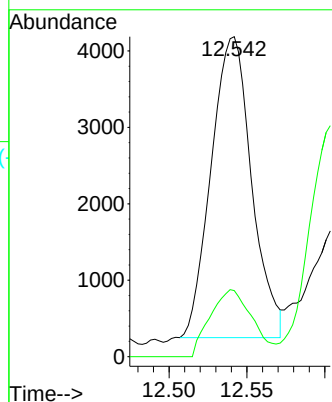
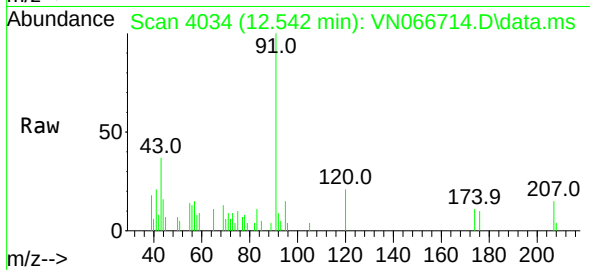
Acq: 22 Apr 2021 15:03

Tgt Ion: 91 Resp: 7112

Ion Ratio Lower Upper

91 100

120 23.3 0.0 45.2



#76

1,3,5-Trimethylbenzene

Concen: 0.71 ug/l

RT: 12.679 min Scan# 4085

Delta R.T. -0.000 min

Lab File: VN066714.D

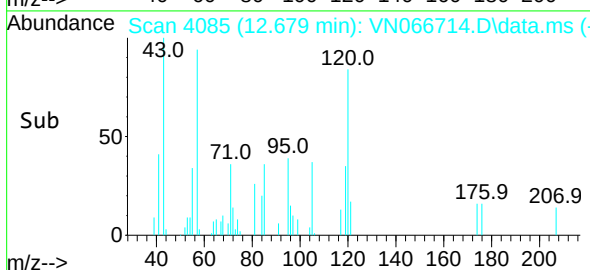
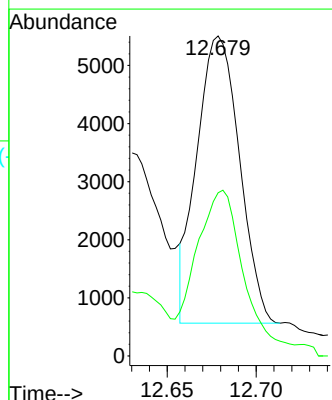
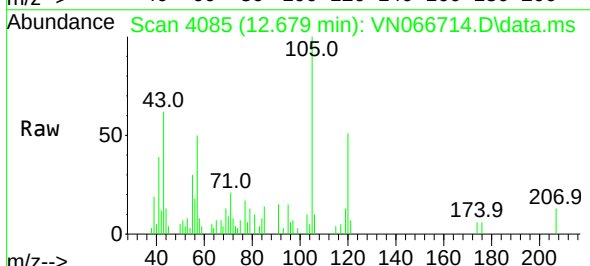
Acq: 22 Apr 2021 15:03

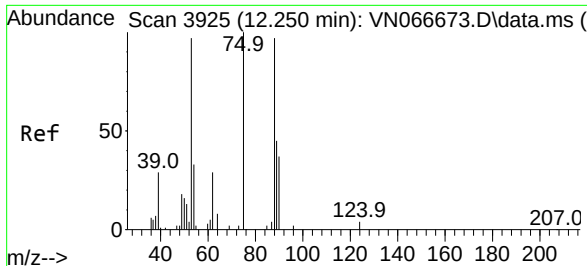
Tgt Ion: 105 Resp: 8217

Ion Ratio Lower Upper

105 100

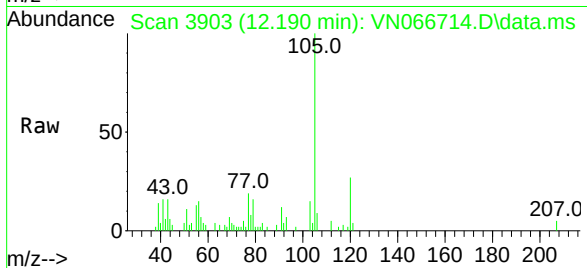
120 56.5 0.0 98.2





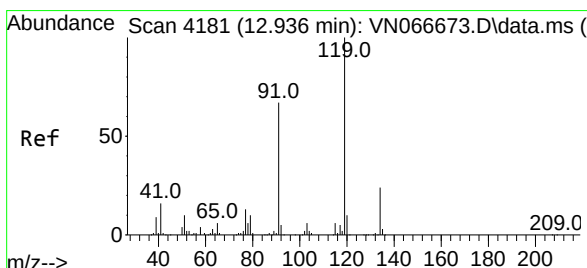
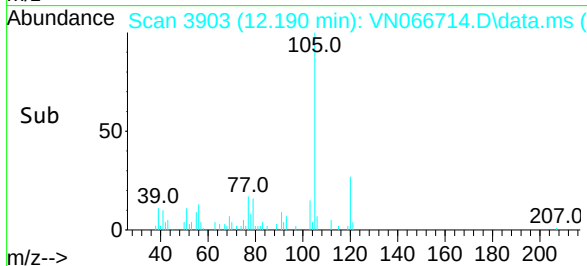
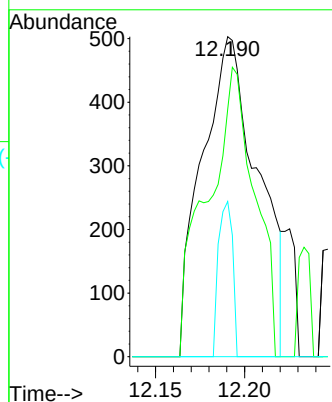
#77
t-1,4-Dichloro-2-butene
Concen: 0.88 ug/l
RT: 12.190 min Scan# 3903
Delta R.T. -0.060 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 75 Resp: 1099

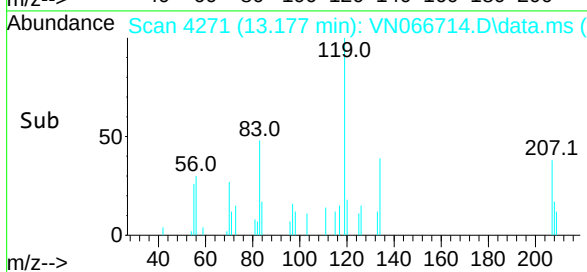
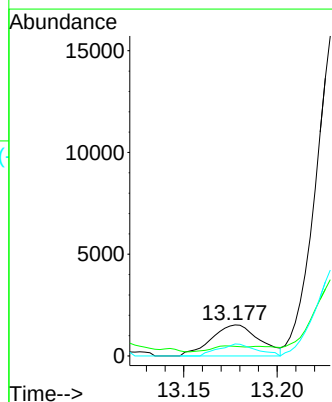
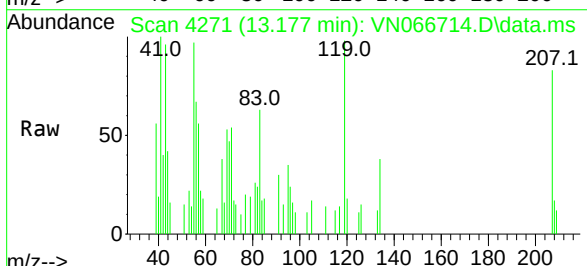
Ion	Ratio	Lower	Upper
75	100		
53	77.3	49.6	149.0
89	48.5	22.9	68.7

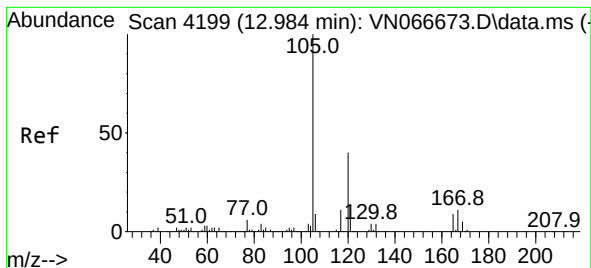


#79
tert-butylbenzene
Concen: 0.28 ug/l
RT: 13.177 min Scan# 4271
Delta R.T. 0.241 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

Tgt Ion: 119 Resp: 2701

Ion	Ratio	Lower	Upper
119	100		
91	12.4	0.0	133.4
134	30.5	0.0	51.0

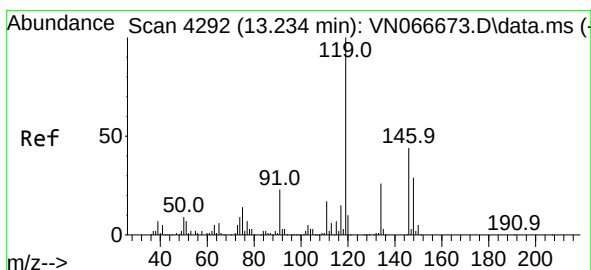
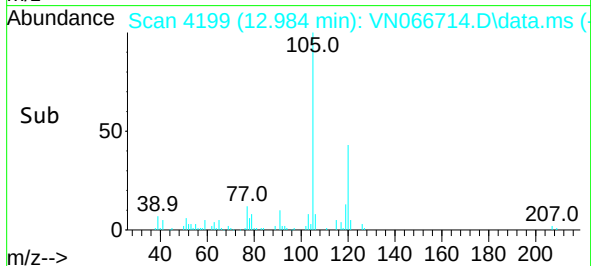
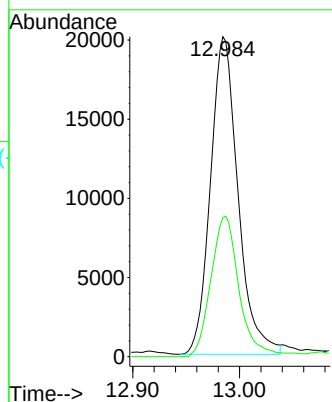
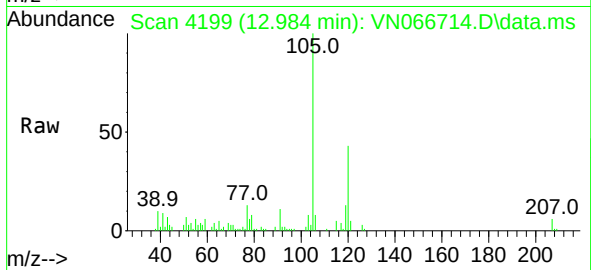




#80
1,2,4-Trimethylbenzene
Concen: 3.23 ug/l
RT: 12.984 min Scan# 4199
Delta R.T. 0.000 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

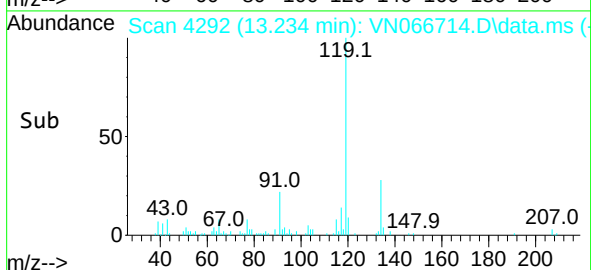
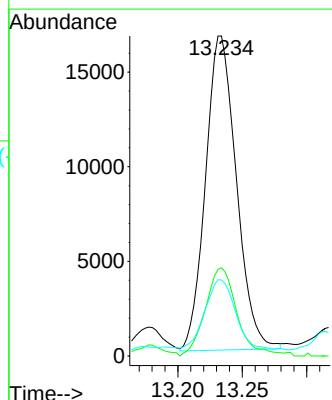
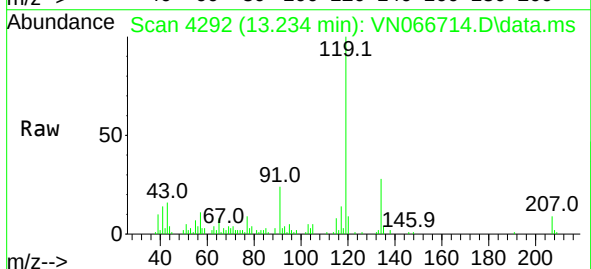
Instrument :
MSVOA_N
ClientSampled :

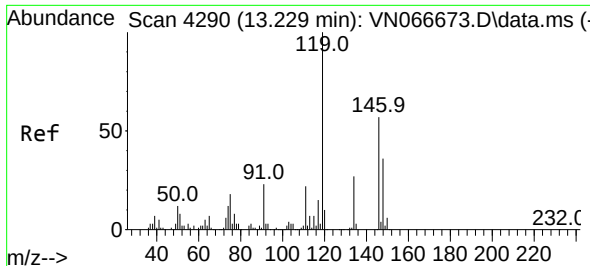
Tgt Ion:105 Resp: 35967
Ion Ratio Lower Upper
105 100
120 45.1 0.0 90.6



#82
p-Isopropyltoluene
Concen: 2.50 ug/l
RT: 13.234 min Scan# 4292
Delta R.T. -0.000 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

Tgt Ion:119 Resp: 27650
Ion Ratio Lower Upper
119 100
134 28.6 0.0 53.4
91 21.5 0.0 47.6

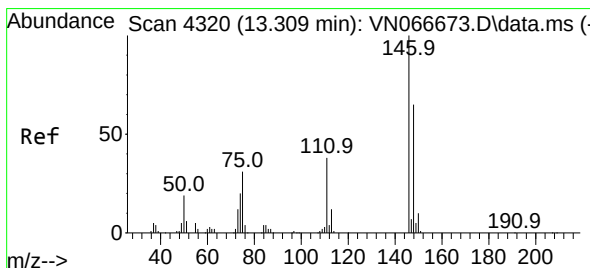
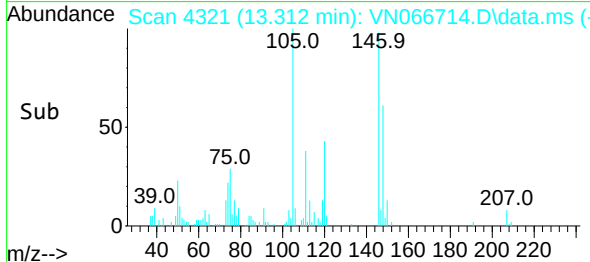
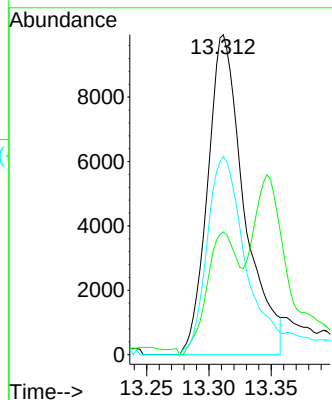
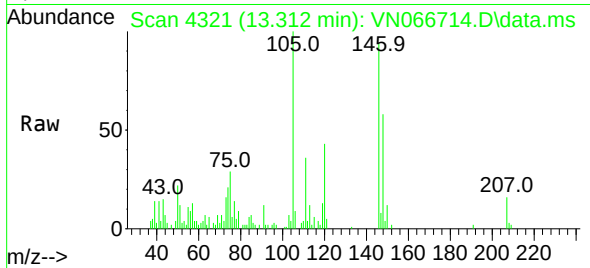




#83
1,3-Dichlorobenzene
Concen: 3.50 ug/l
RT: 13.312 min Scan# 4321
Delta R.T. 0.083 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

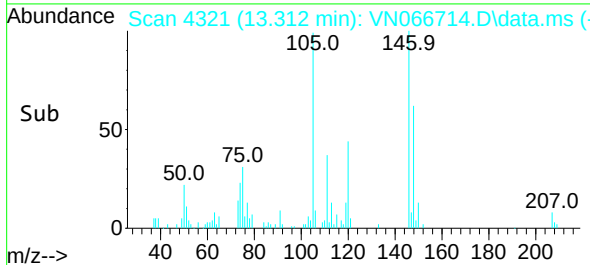
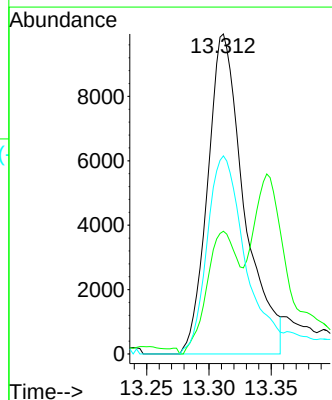
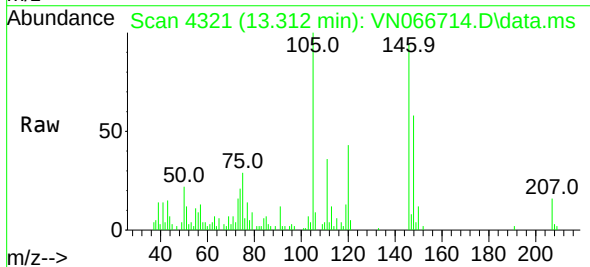
Instrument :
MSVOA_N
ClientSampled :

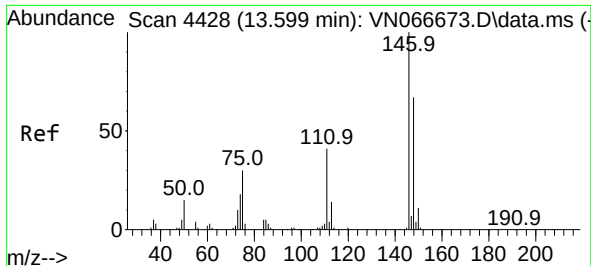
Tgt Ion:146 Resp: 20215
Ion Ratio Lower Upper
146 100
111 33.7 19.3 57.9
148 65.3 31.9 95.9



#84
1,4-Dichlorobenzene
Concen: 3.63 ug/l
RT: 13.312 min Scan# 4321
Delta R.T. 0.003 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

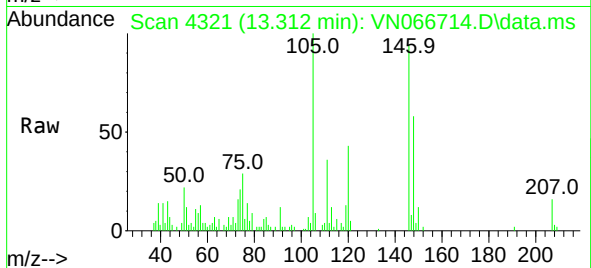
Tgt Ion:146 Resp: 20215
Ion Ratio Lower Upper
146 100
111 33.7 18.4 55.0
148 65.3 31.9 95.5



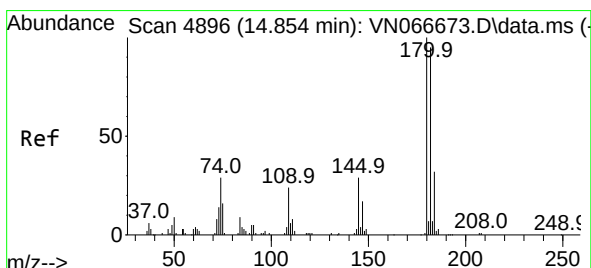
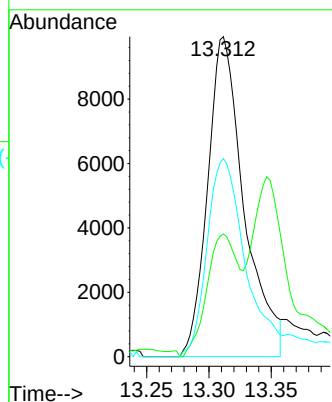
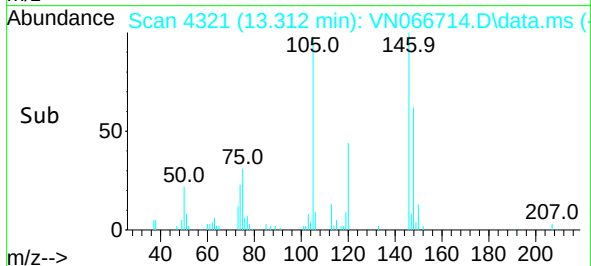


#87
1,2-Dichlorobenzene
Concen: 3.57 ug/l
RT: 13.312 min Scan# 4321
Delta R.T. -0.287 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

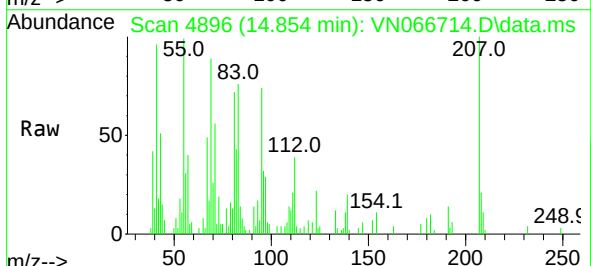
Instrument :
MSVOA_N
ClientSampleId :



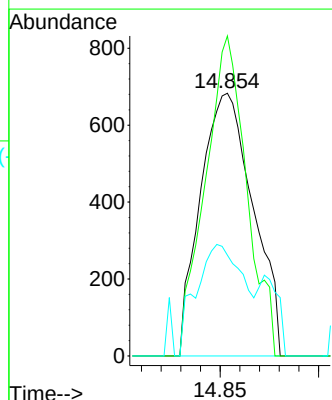
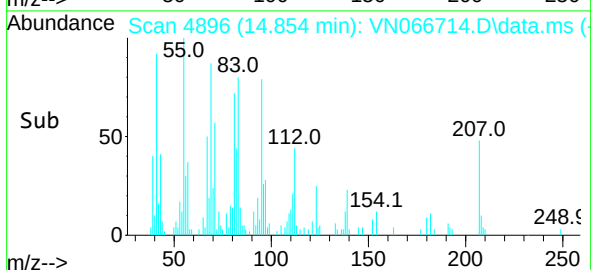
Tgt Ion:146 Resp: 20215
Ion Ratio Lower Upper
146 100
111 33.7 20.3 60.9
148 65.3 32.0 96.0

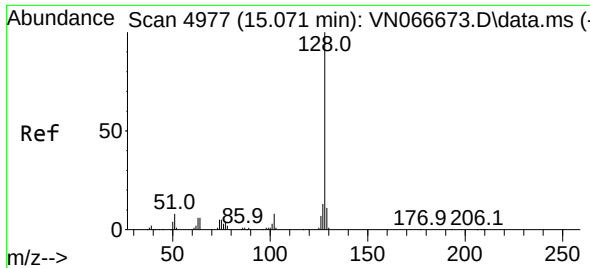


#89
1,2,4-Trichlorobenzene
Concen: 0.39 ug/l
RT: 14.854 min Scan# 4896
Delta R.T. -0.000 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03



Tgt Ion:180 Resp: 1273
Ion Ratio Lower Upper
180 100
182 90.6 74.3 111.5
145 32.2 23.4 35.0

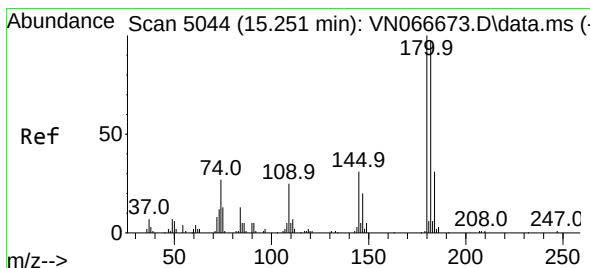
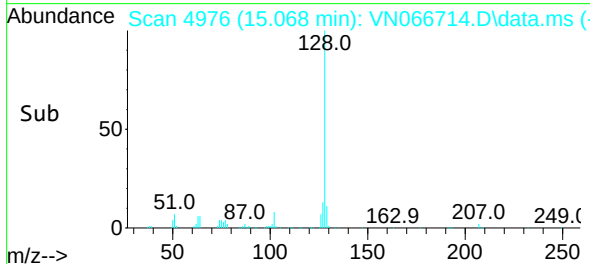
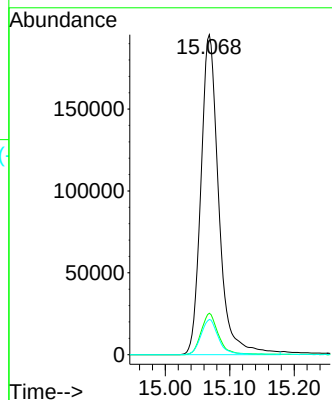
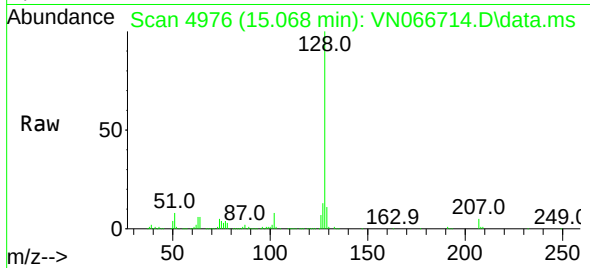




#91
Naphthalene
Concen: 47.80 ug/l
RT: 15.068 min Scan# 4976
Delta R.T. -0.003 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 376234
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.8 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 0.50 ug/l
RT: 15.248 min Scan# 5043
Delta R.T. -0.003 min
Lab File: VN066714.D
Acq: 22 Apr 2021 15:03

Tgt Ion:180 Resp: 1562
Ion Ratio Lower Upper
180 100
182 99.0 0.0 190.0
145 42.2 0.0 60.8

