

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031521\
 Data File : VN066199.D
 Acq On : 15 Mar 2021 11:49
 Operator : JC/MD
 Sample : VN0315MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 16 02:08:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 13:00:23 2021
 Response via : Initial Calibration

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

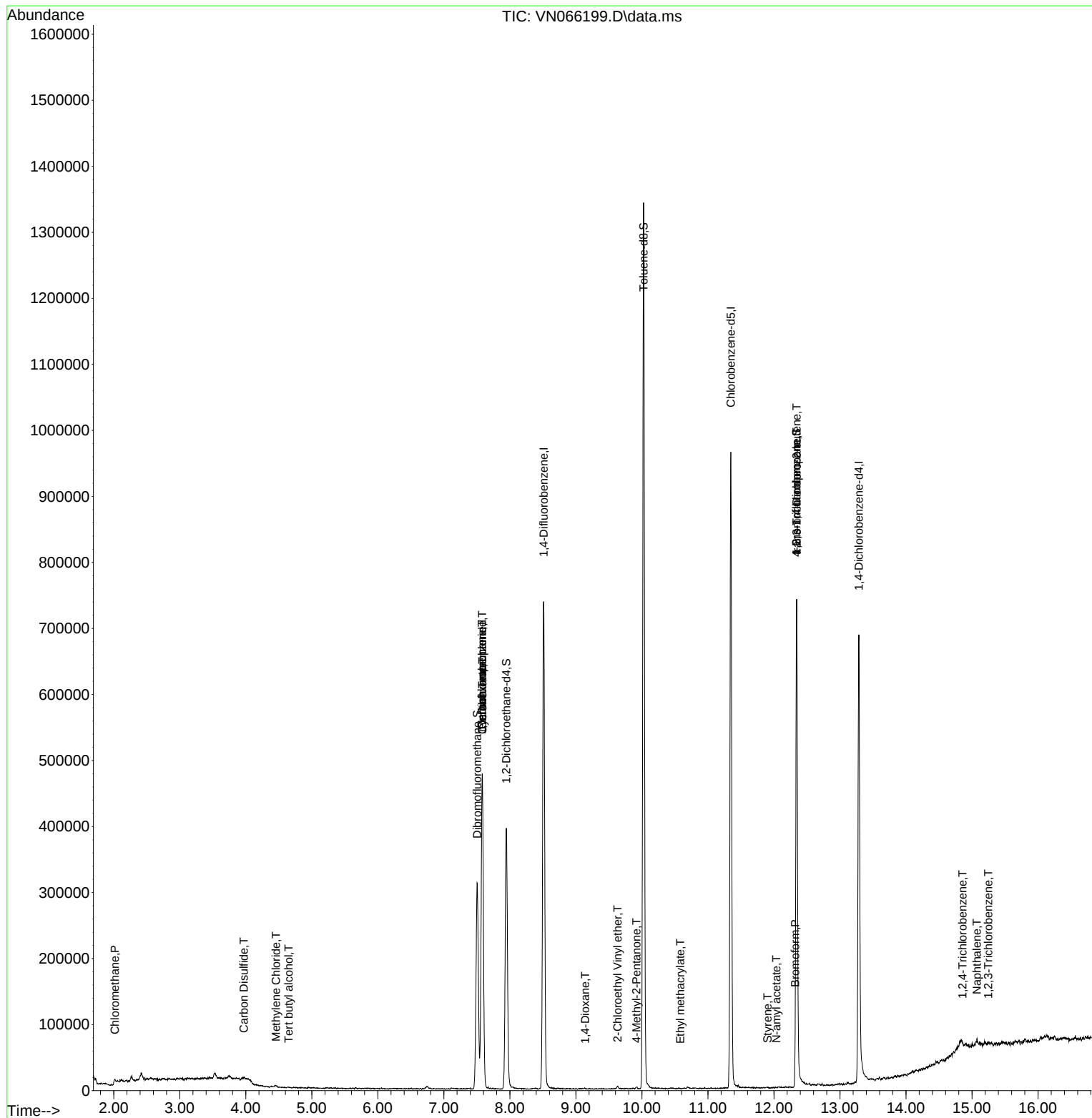
Internal Standards						
1) Pentafluorobenzene	7.582	168	389417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	625104	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	533601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	203912	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	343767	54.71	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.42%			
35) Dibromofluoromethane	7.504	113	236395	56.05	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 112.10%			
50) Toluene-d8	10.025	98	883136	51.70	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.40%			
62) 4-Bromofluorobenzene	12.342	95	264653	42.12	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 84.24%			
Target Compounds						Qvalue
3) Chloromethane	2.017	50	4702	0.33	ug/l	94
11) Tert butyl alcohol	4.650	59	216	0.22	ug/l #	73
13) Acrolein	3.535	56	9773	Below Cal	#	58
16) Acetone	3.741	43	3247	Below Cal	#	78
17) Carbon Disulfide	3.972	76	2718	0.25	ug/l #	84
20) Methylene Chloride	4.457	84	1044	0.22	ug/l #	54
31) Cyclohexane	7.584	56	8845	0.96	ug/l #	1
36) 1,1-Dichloropropene	7.579	75	30177	4.57	ug/l #	48
38) Carbon Tetrachloride	7.582	117	36595	5.94	ug/l #	16
49) 1,4-Dioxane	9.140	88	180	2.29	ug/l #	51
51) 4-Methyl-2-Pentanone	9.918	43	2030	0.22	ug/l #	77
56) Ethyl methacrylate	10.583	69	54	2.06	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.633	63	1733	17.73	ug/l #	70
59) 2-Hexanone	10.757	43	202	Below Cal		70
70) Styrene	11.905	104	269	2.78	ug/l #	49
71) Bromoform	12.321	173	97	2.90	ug/l #	29
74) N-amyl acetate	12.036	43	312	4.83	ug/l #	49
76) 1,2,3-Trichloropropane	12.345	75	134689	28.03	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.345	75	134689	73.81	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.858	180	1156	3.02	ug/l #	53
95) Naphthalene	15.075	128	5017	2.42	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.247	180	909	2.09	ug/l #	42

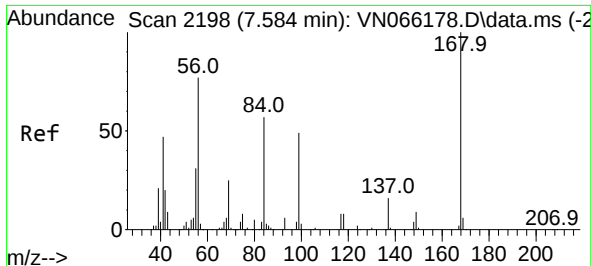
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Mar 16 02:08:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 12 13:00:23 2021
Response via : Initial Calibration

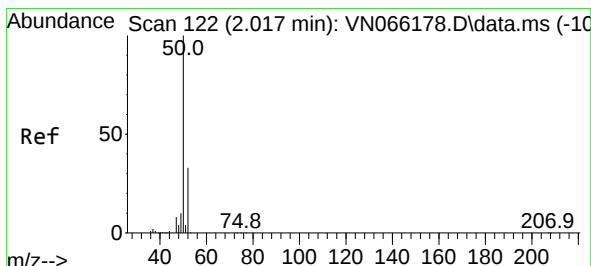
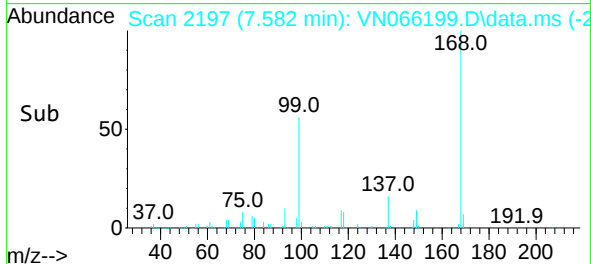
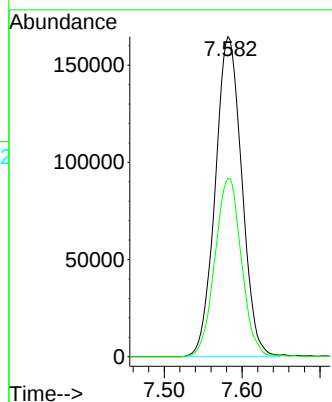
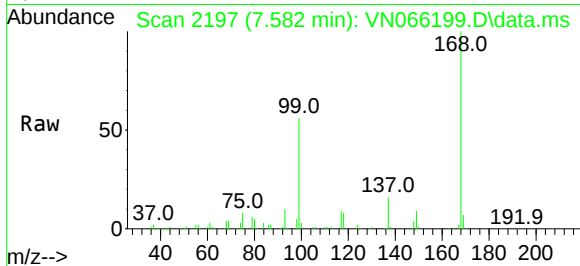




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.008 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

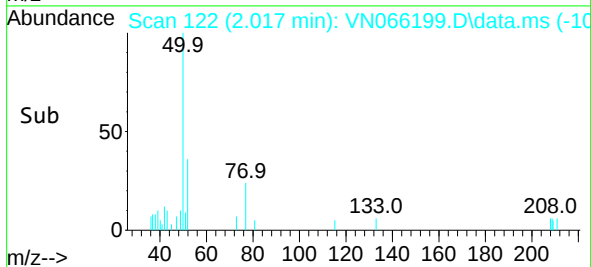
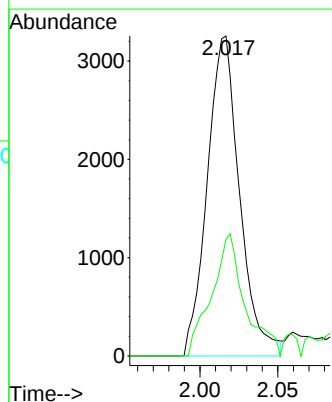
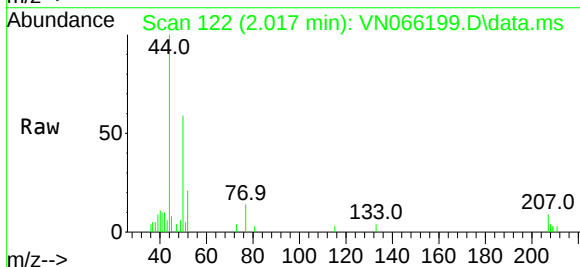
Instrument :
MSVOA_N
ClientSampled :

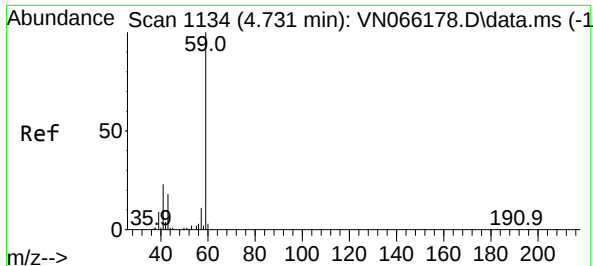
Tgt Ion:168 Resp: 389417
Ion Ratio Lower Upper
168 100
99 55.7 45.4 68.0



#3
Chloromethane
Concen: 0.33 ug/l
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

Tgt Ion: 50 Resp: 4702
Ion Ratio Lower Upper
50 100
52 36.4 26.2 39.4

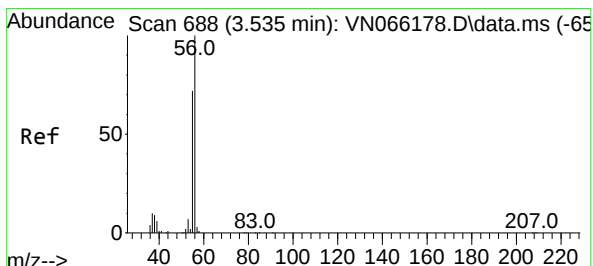
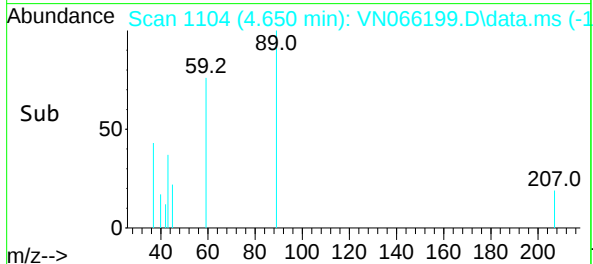
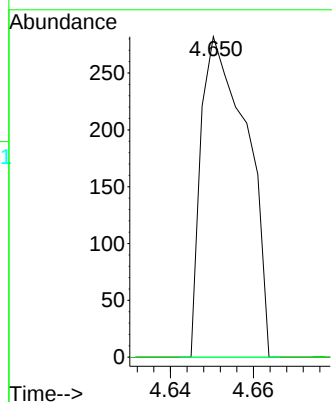
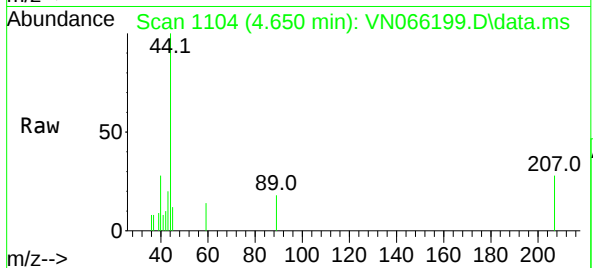




#11
Tert butyl alcohol
Concen: 0.22 ug/l
RT: 4.650 min Scan# 1104
Delta R.T. -0.073 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

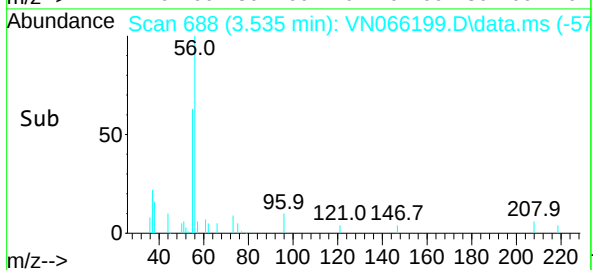
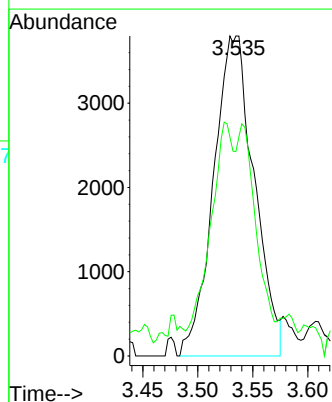
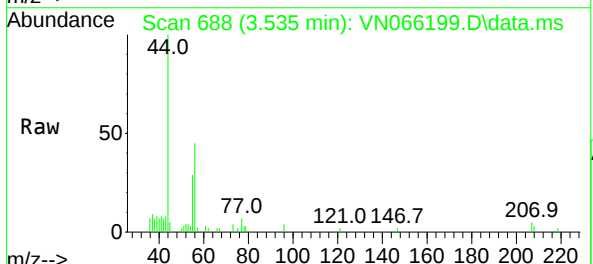
Instrument :
MSVOA_N
ClientSampled :

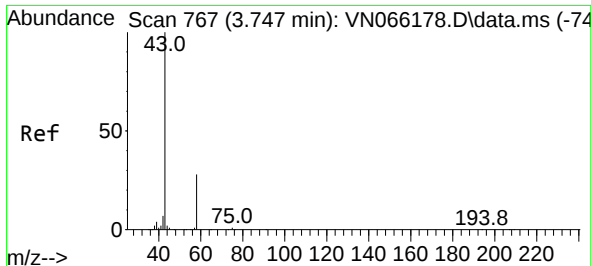
Tgt Ion: 59 Resp: 216
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#13
Acrolein
Concen: Below Cal
RT: 3.535 min Scan# 688
Delta R.T. -0.002 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

Tgt Ion: 56 Resp: 9773
Ion Ratio Lower Upper
56 100
55 37.4 58.0 87.0#

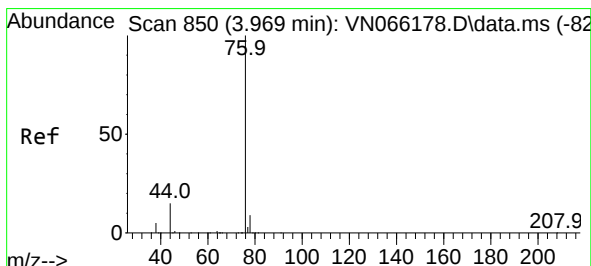
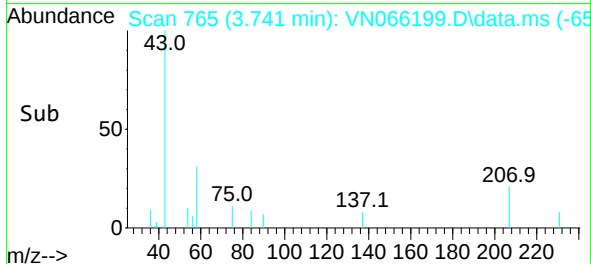
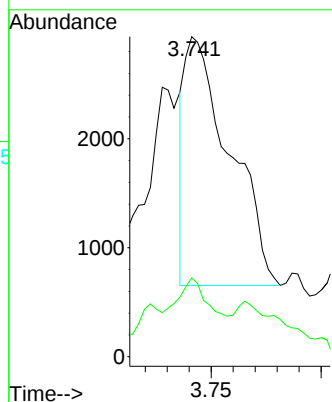
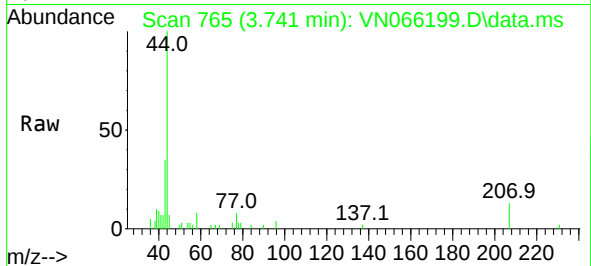




#16
Acetone
Concen: Below Cal
RT: 3.741 min Scan# 765
Delta R.T. -0.008 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

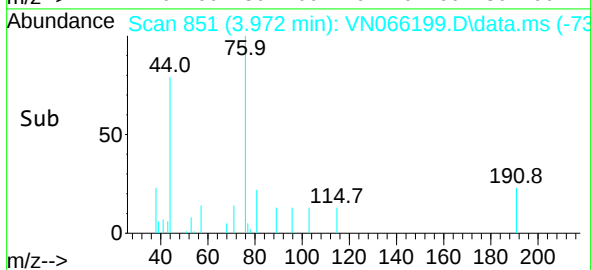
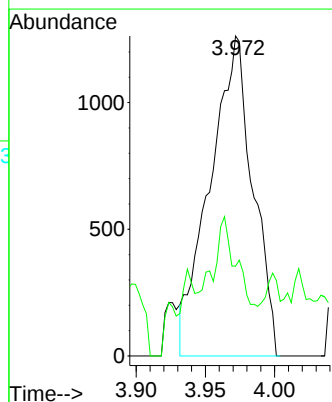
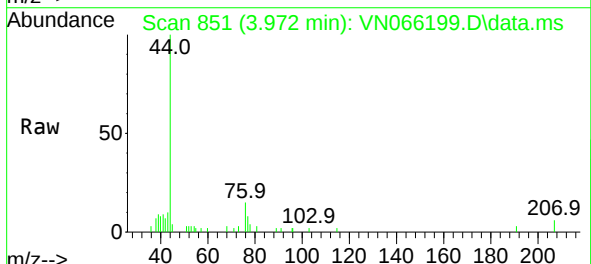
Instrument :
MSVOA_N
ClientSampled :

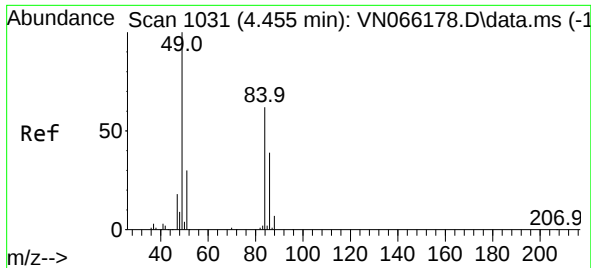
Tgt Ion: 43 Resp: 3247
Ion Ratio Lower Upper
43 100
58 16.6 22.3 33.5#



#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 3.972 min Scan# 851
Delta R.T. 0.003 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

Tgt Ion: 76 Resp: 2718
Ion Ratio Lower Upper
76 100
78 14.7 7.3 10.9#





#20

Methylene Chloride

Concen: 0.22 ug/l

RT: 4.457 min Scan# 1032

Delta R.T. -0.006 min

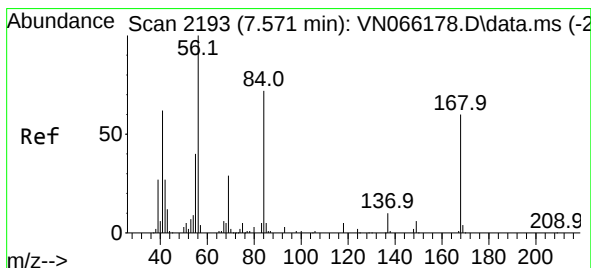
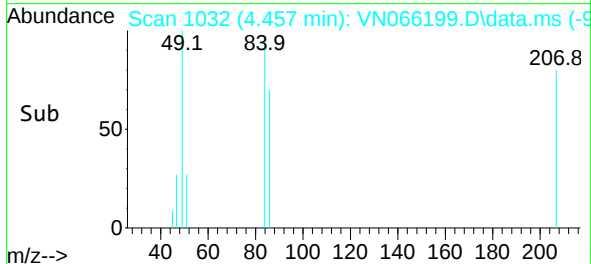
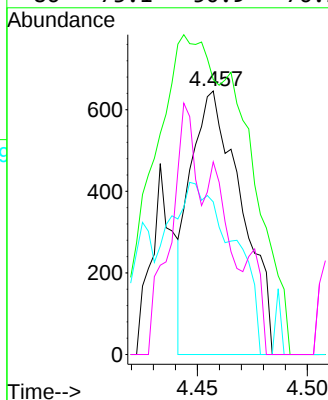
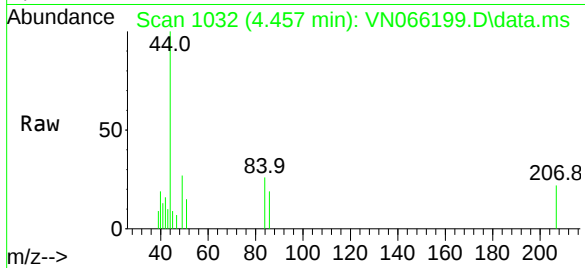
Lab File: VN066199.D

Acq: 15 Mar 2021 11:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 1044

Ion	Ratio	Lower	Upper
84	100		
49	74.5	130.0	195.0#
51	33.0	39.1	58.7#
86	73.1	50.9	76.3



#31

Cyclohexane

Concen: 0.96 ug/l

RT: 7.584 min Scan# 2198

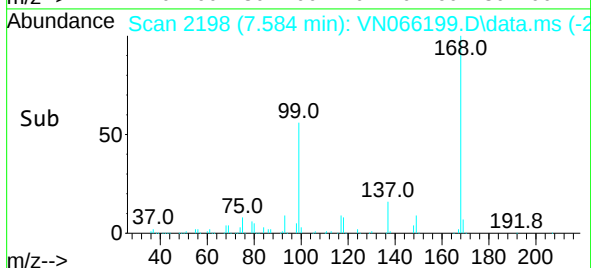
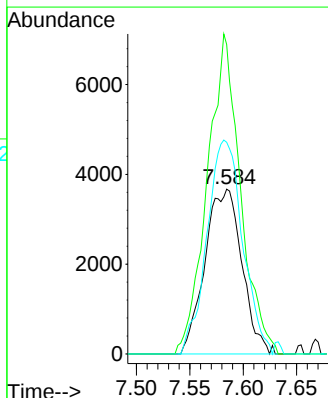
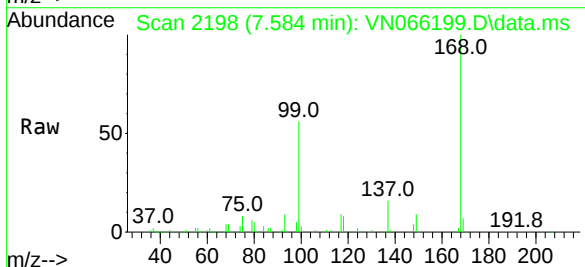
Delta R.T. 0.008 min

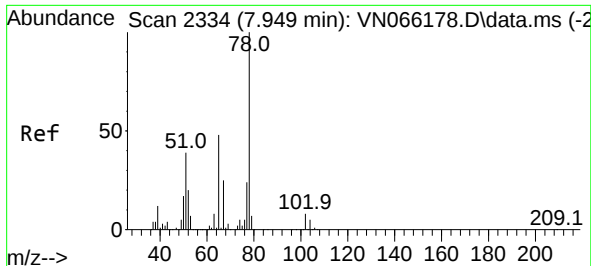
Lab File: VN066199.D

Acq: 15 Mar 2021 11:49

Tgt Ion: 56 Resp: 8845

Ion	Ratio	Lower	Upper
56	100		
69	187.7	23.4	35.0#
84	128.4	57.8	86.6#

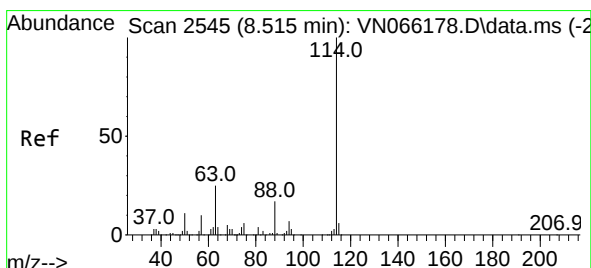
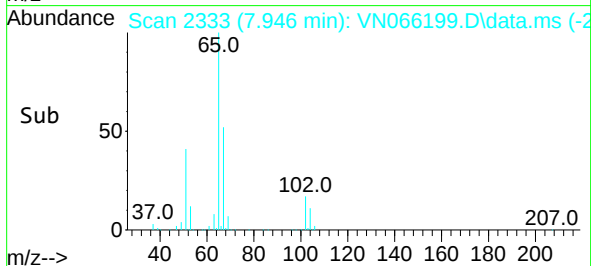
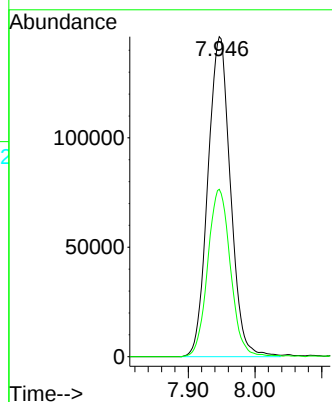
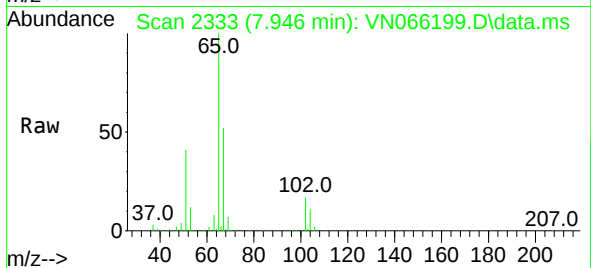




#33
1,2-Dichloroethane-d4
Concen: 54.71 ug/l
RT: 7.946 min Scan# 2333
Delta R.T. -0.006 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

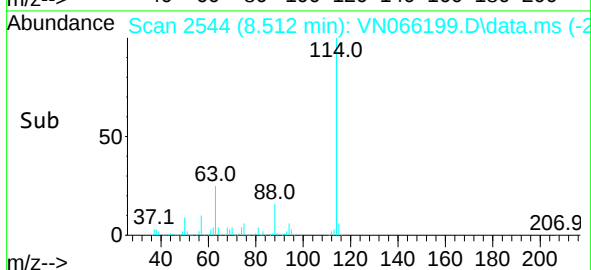
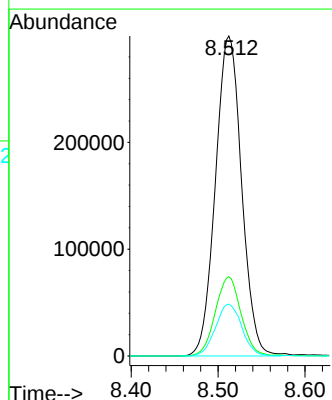
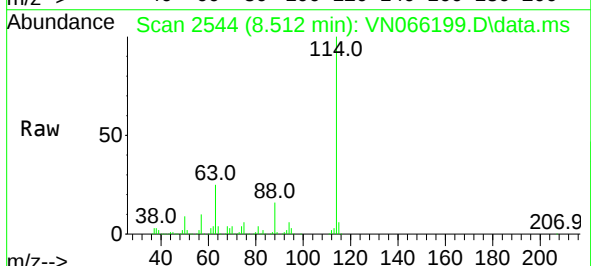
Instrument :
MSVOA_N
ClientSampled :

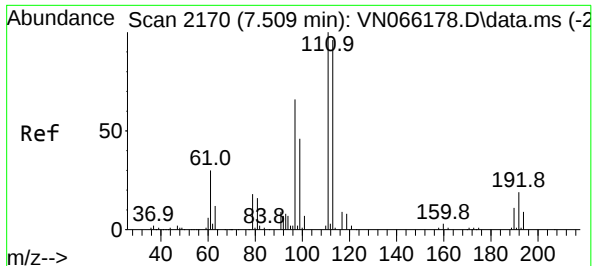
Tgt Ion: 65 Resp: 343767
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.006 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

Tgt Ion: 114 Resp: 625104
Ion Ratio Lower Upper
114 100
63 24.8 0.0 49.2
88 16.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 56.05 ug/l

RT: 7.504 min Scan# 2168

Delta R.T. -0.005 min

Lab File: VN066199.D

Acq: 15 Mar 2021 11:49

Tgt Ion:113 Resp: 236395

Ion Ratio Lower Upper

113 100

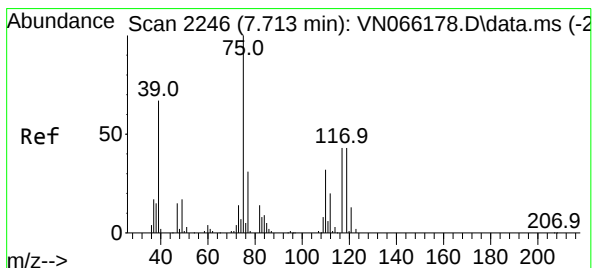
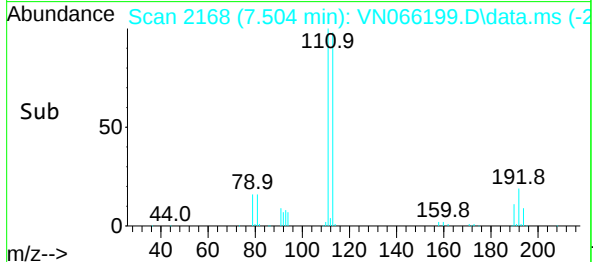
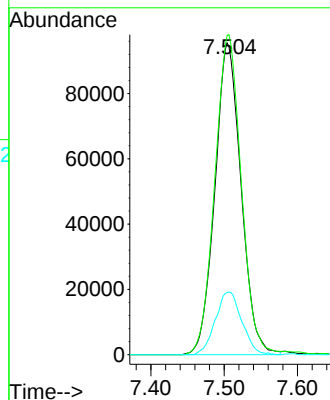
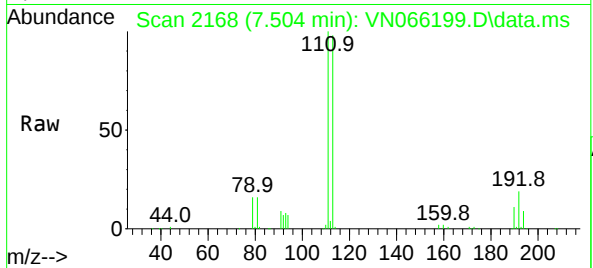
111 104.3 84.0 126.0

192 20.4 16.7 25.1

Instrument :

MSVOA_N

ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.57 ug/l

RT: 7.579 min Scan# 2196

Delta R.T. -0.137 min

Lab File: VN066199.D

Acq: 15 Mar 2021 11:49

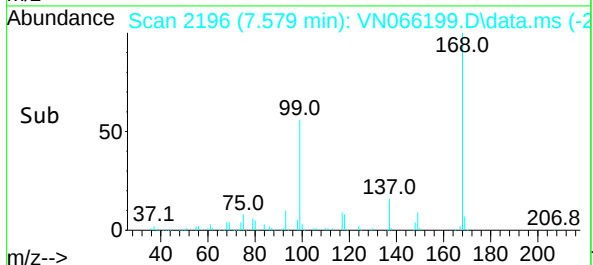
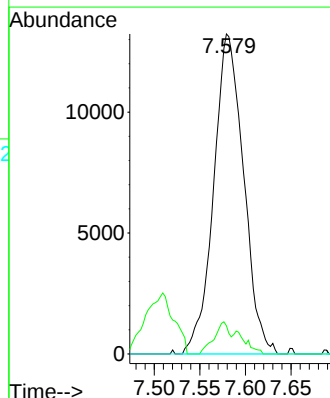
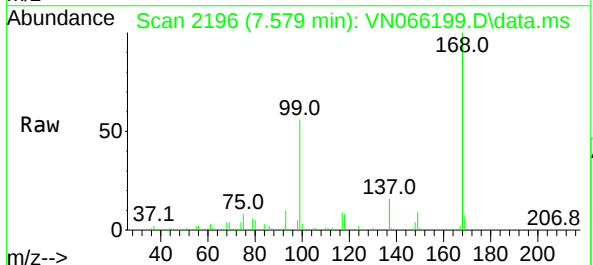
Tgt Ion: 75 Resp: 30177

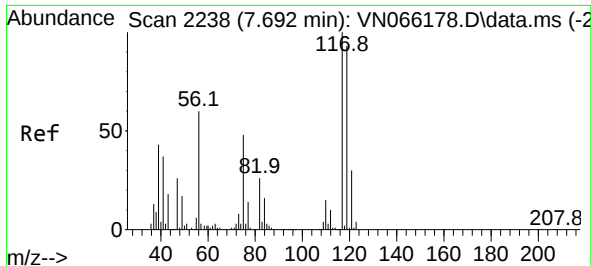
Ion Ratio Lower Upper

75 100

110 5.1 16.0 48.0#

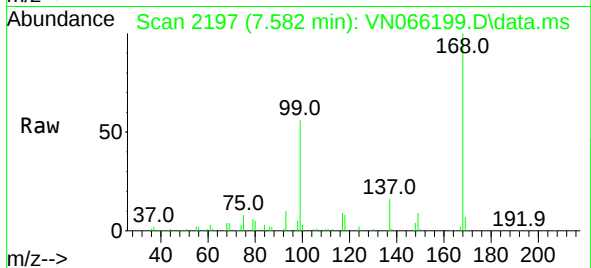
77 0.0 24.9 37.3#



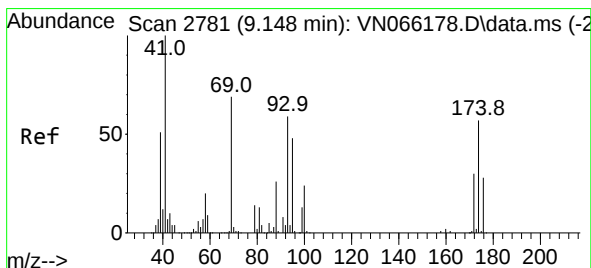
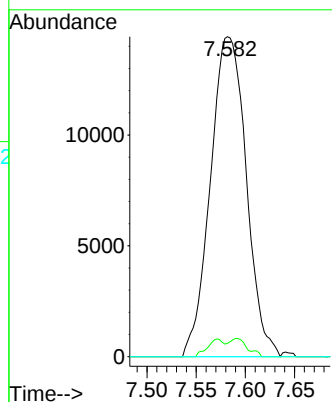
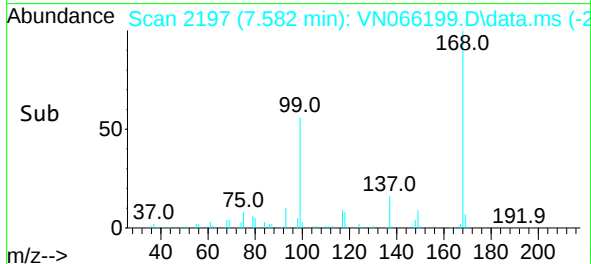


#38
Carbon Tetrachloride
Concen: 5.94 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.115 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

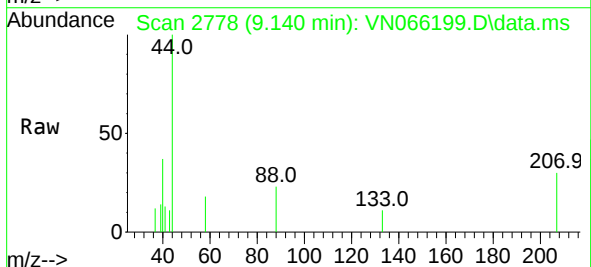
Instrument :
MSVOA_N
ClientSampled :



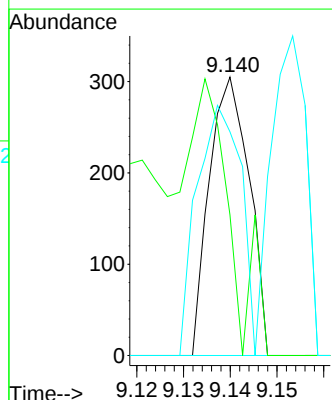
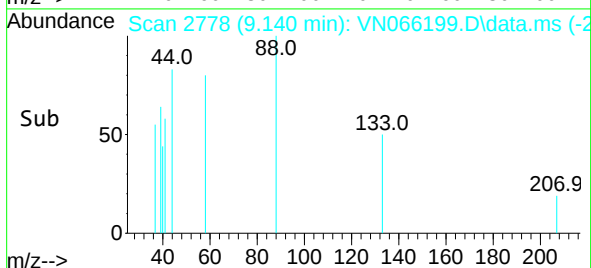
Tgt Ion:117 Resp: 36595
Ion Ratio Lower Upper
117 100
119 4.1 74.6 111.8#
121 0.0 23.9 35.9#

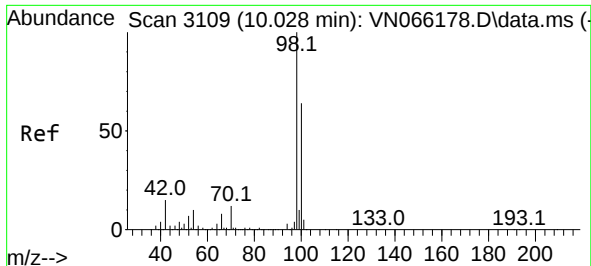


#49
1,4-Dioxane
Concen: 2.29 ug/l
RT: 9.140 min Scan# 2778
Delta R.T. -0.003 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49



Tgt Ion: 88 Resp: 180
Ion Ratio Lower Upper
88 100
43 114.4 34.4 51.6#
58 99.4 67.3 100.9

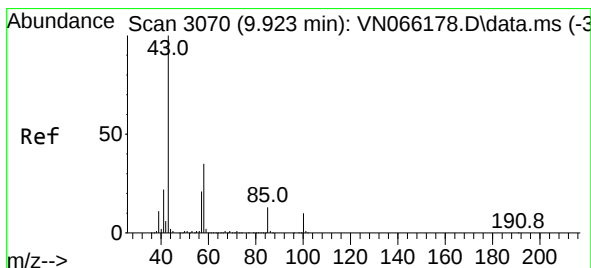
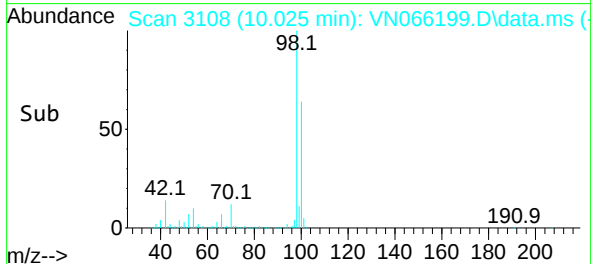
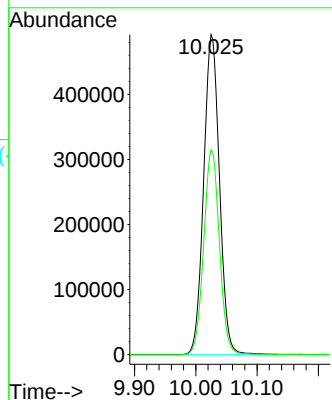
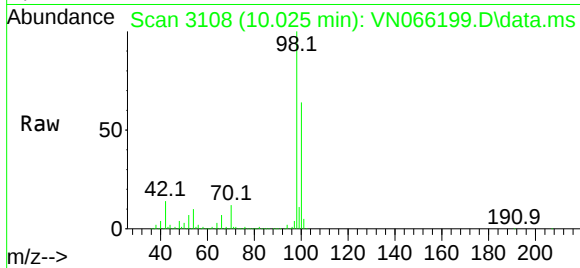




#50
Toluene-d8
Concen: 51.70 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.005 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

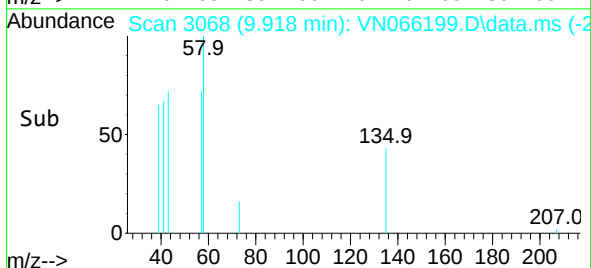
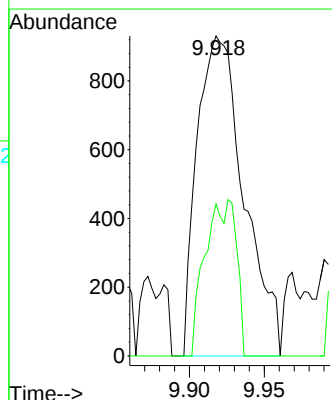
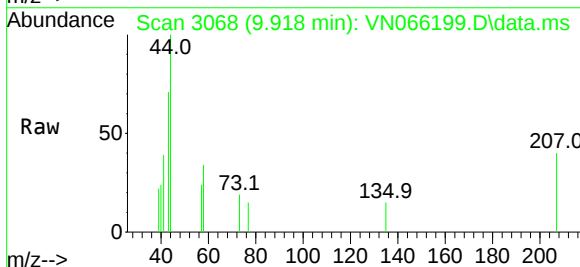
Instrument :
MSVOA_N
ClientSampled :

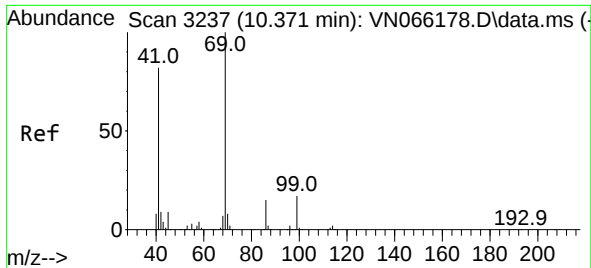
Tgt Ion: 98 Resp: 883136
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 0.22 ug/l
RT: 9.918 min Scan# 3068
Delta R.T. -0.005 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

Tgt Ion: 43 Resp: 2030
Ion Ratio Lower Upper
43 100
58 21.0 27.5 41.3#

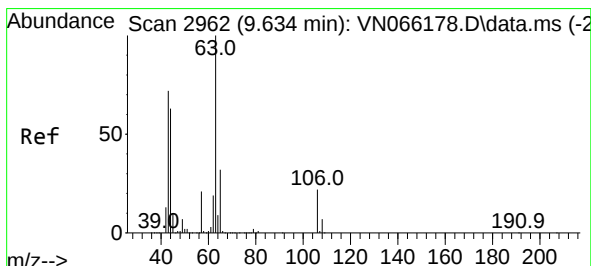
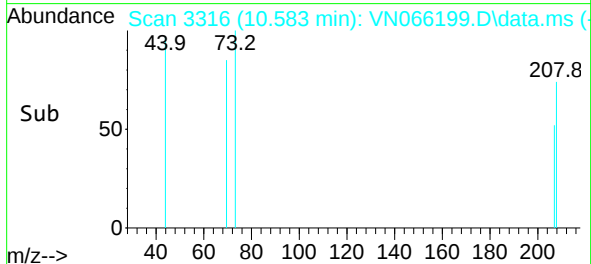
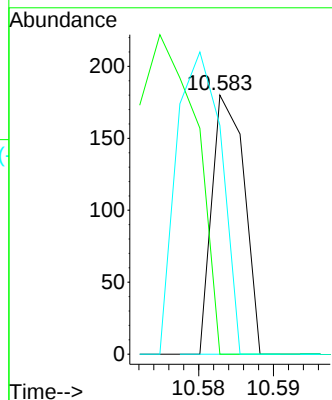
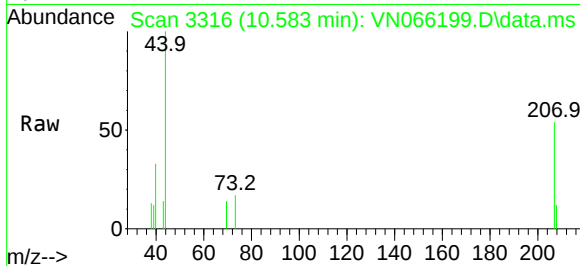




#56
Ethyl methacrylate
Concen: 2.06 ug/l
RT: 10.583 min Scan# 3316
Delta R.T. 0.212 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

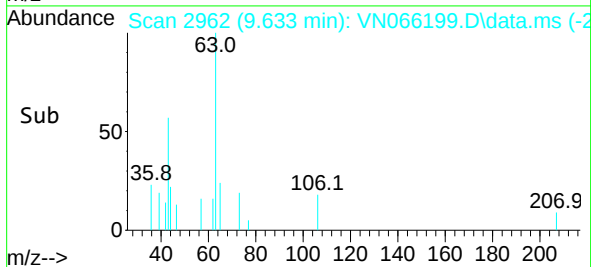
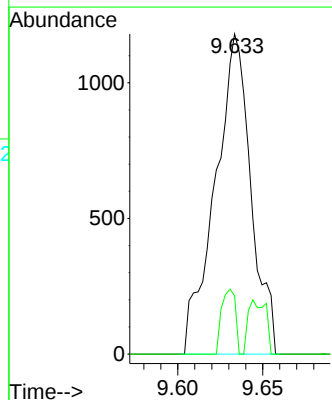
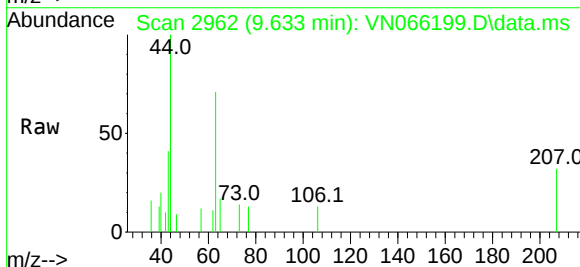
Instrument :
MSVOA_N
ClientSampled :

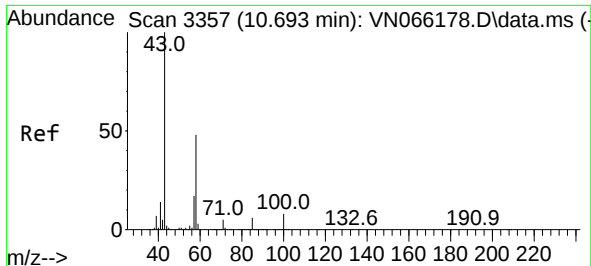
Tgt Ion: 69 Resp: 54
Ion Ratio Lower Upper
69 100
41 222.2 66.2 99.4#
39 161.1 31.5 47.3#



#58
2-Chloroethyl Vinyl ether
Concen: 17.73 ug/l
RT: 9.633 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

Tgt Ion: 63 Resp: 1733
Ion Ratio Lower Upper
63 100
106 7.8 17.6 26.4#

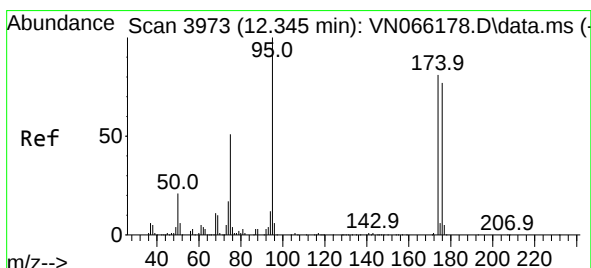
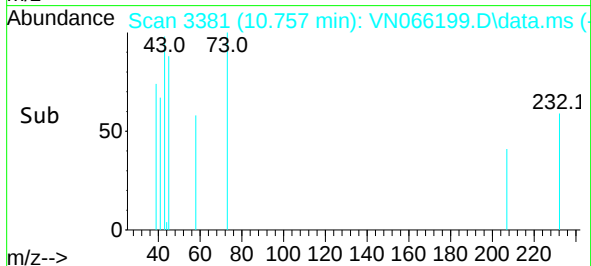
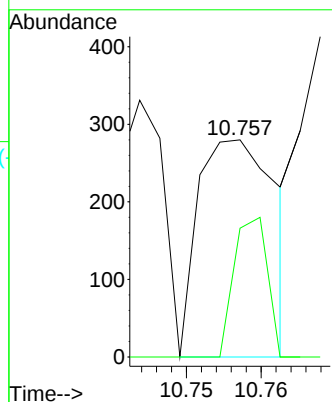
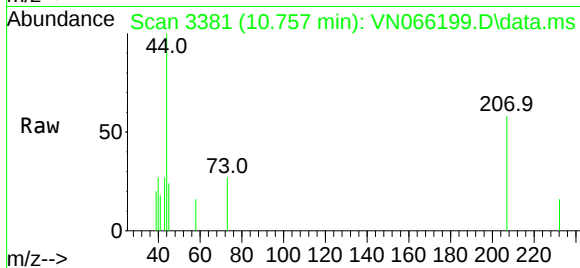




#59
2-Hexanone
Concen: Below Cal
RT: 10.757 min Scan# 3381
Delta R.T. 0.064 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

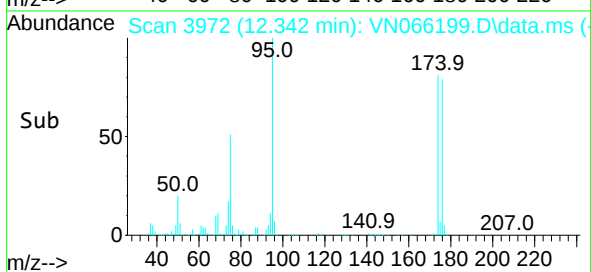
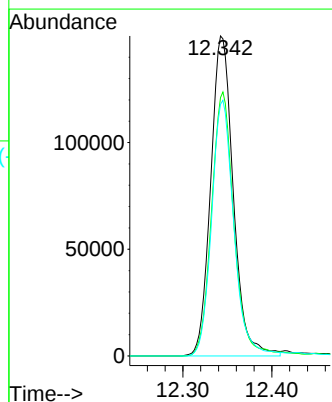
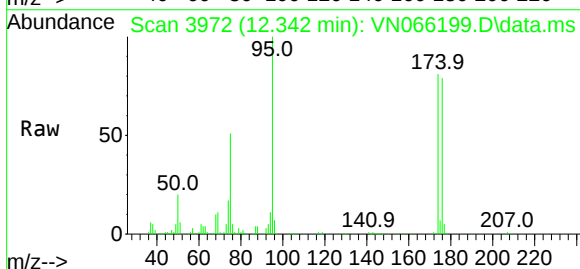
Instrument :
MSVOA_N
ClientSampleId :

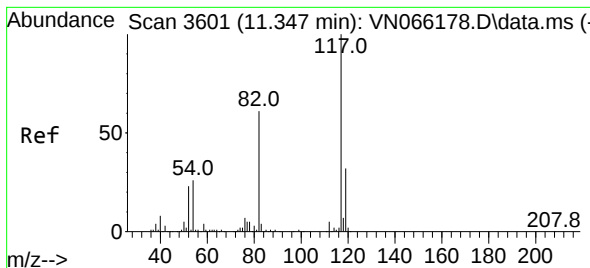
Tgt Ion: 43 Resp: 202
Ion Ratio Lower Upper
43 100
58 27.7 23.8 71.5



#62
4-Bromofluorobenzene
Concen: 42.12 ug/l
RT: 12.342 min Scan# 3972
Delta R.T. -0.006 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

Tgt Ion: 95 Resp: 264653
Ion Ratio Lower Upper
95 100
174 81.2 0.0 162.4
176 78.6 0.0 156.2

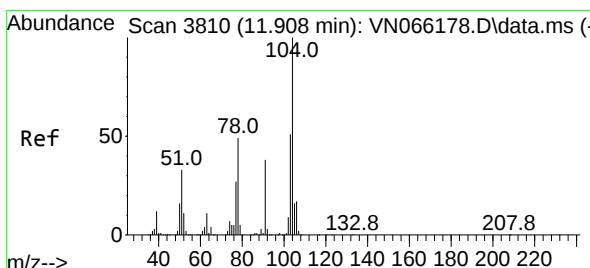
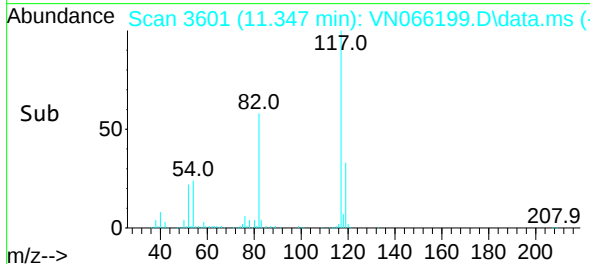
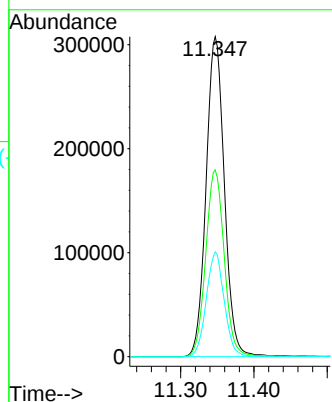
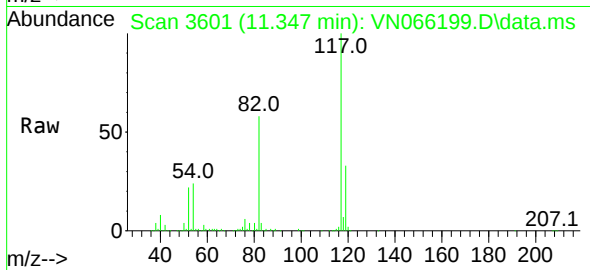




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

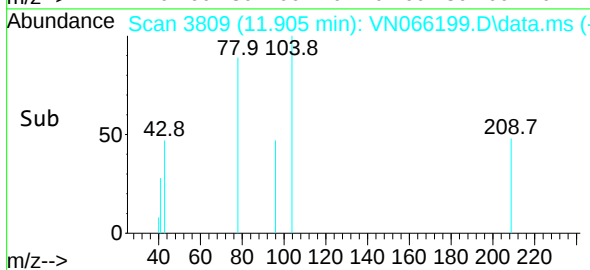
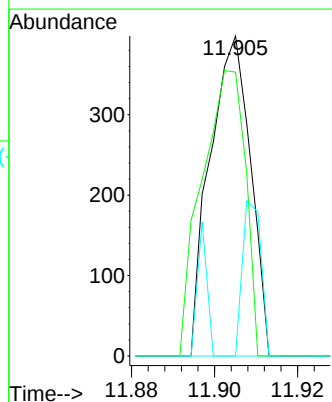
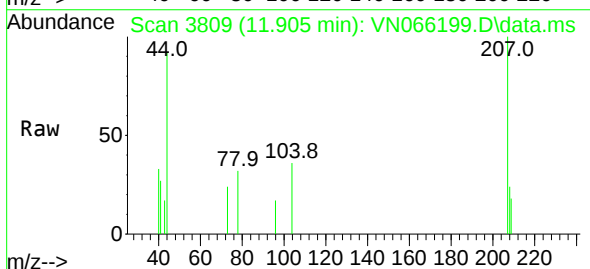
Instrument :
MSVOA_N
ClientSampleId :

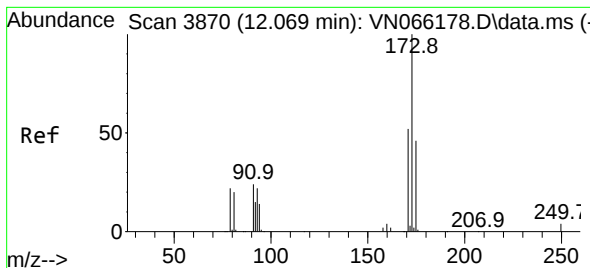
Tgt Ion:	117	Resp:	533601
Ion	Ratio	Lower	Upper
117	100		
82	58.3	49.0	73.6
119	32.7	25.7	38.5



#70
Styrene
Concen: 2.78 ug/l
RT: 11.905 min Scan# 3809
Delta R.T. -0.003 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

Tgt Ion:	104	Resp:	269
Ion	Ratio	Lower	Upper
104	100		
78	95.9	43.8	65.6#
103	22.3	43.7	65.5#

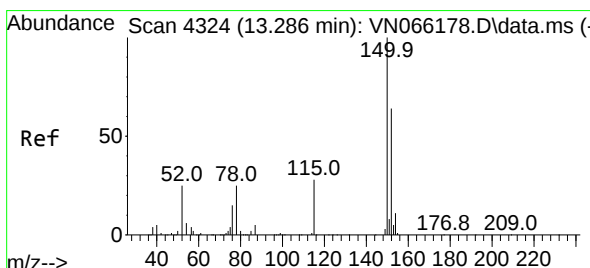
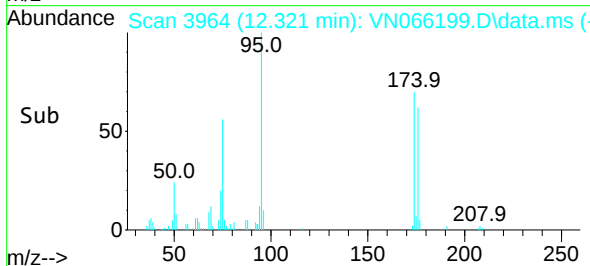
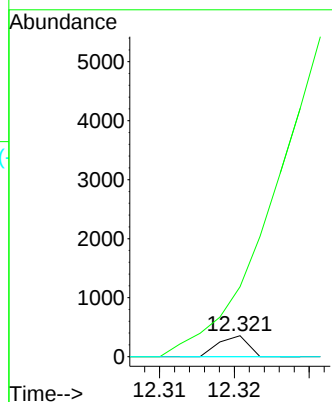
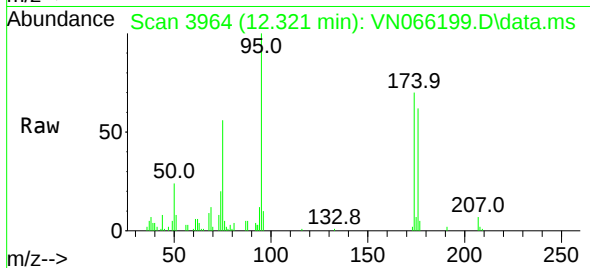




#71
Bromoform
Concen: 2.90 ug/l
RT: 12.321 min Scan# 3964
Delta R.T. 0.250 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

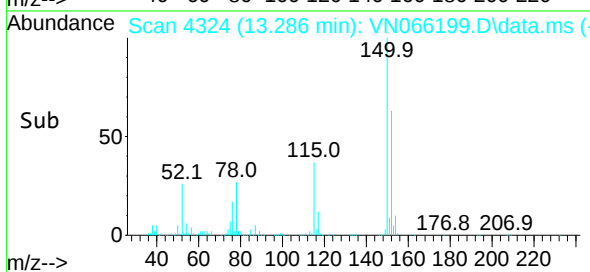
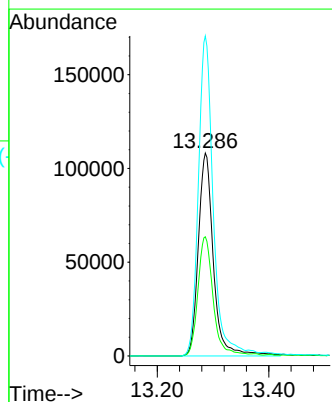
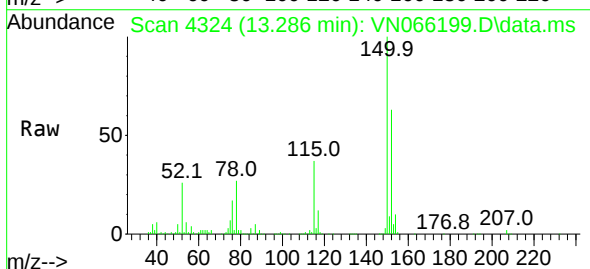
Instrument :
MSVOA_N
ClientSampleId :

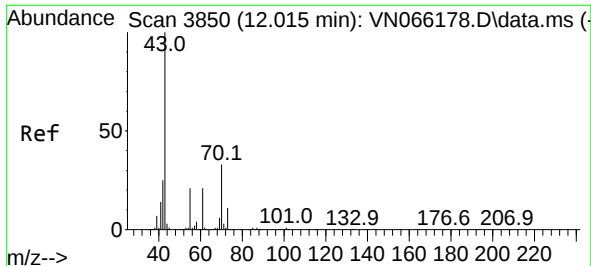
Tgt Ion:173 Resp: 97
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. -0.003 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

Tgt Ion:152 Resp: 203912
Ion Ratio Lower Upper
152 100
115 59.2 29.4 88.3
150 152.7 0.0 352.2



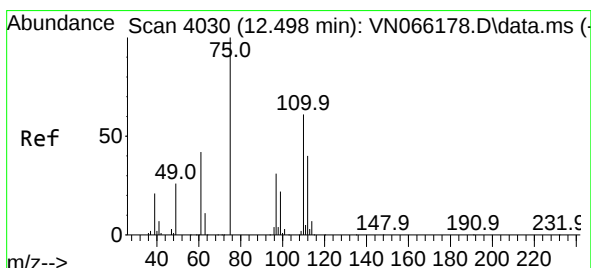
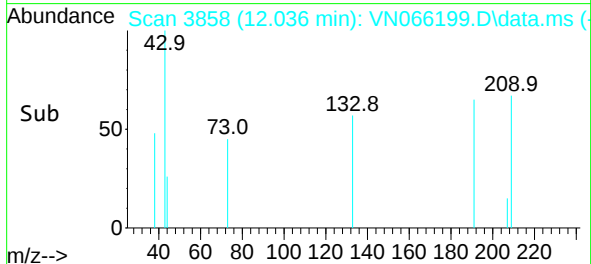
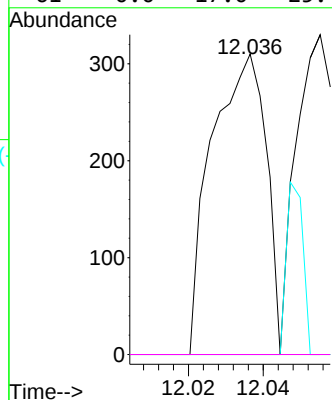
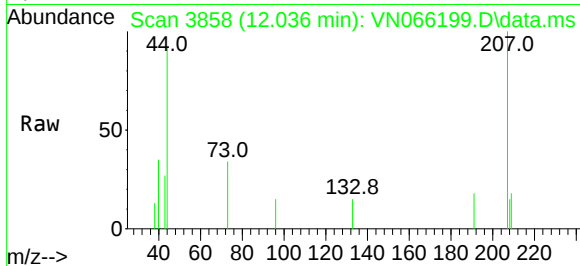


#74
N-amy1 acetate
Concen: 4.83 ug/l
RT: 12.036 min Scan# 3858
Delta R.T. 0.021 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 312

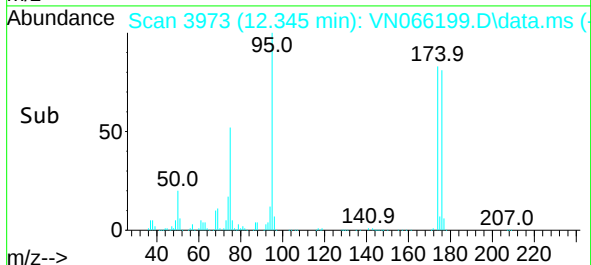
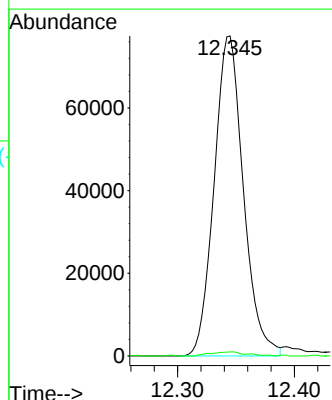
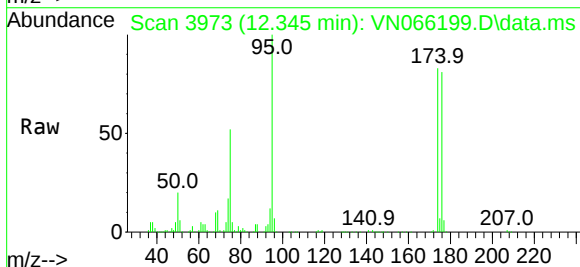
Ion	Ratio	Lower	Upper
43	100		
70	0.0	26.2	39.4#
55	0.0	17.2	25.8#
61	0.0	17.0	25.4#

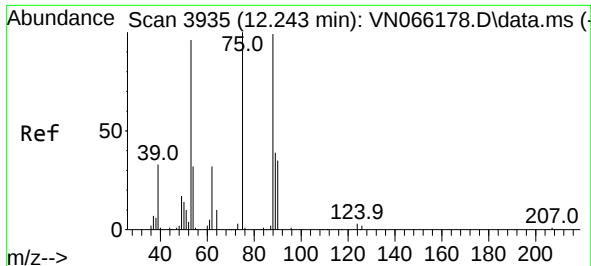


#76
1,2,3-Trichloropropane
Concen: 28.03 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

Tgt Ion: 75 Resp: 134689

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

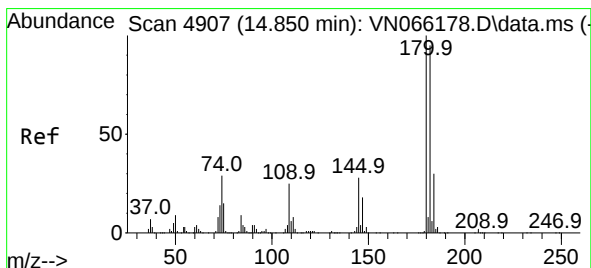
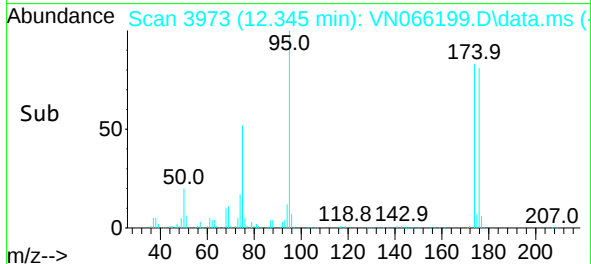
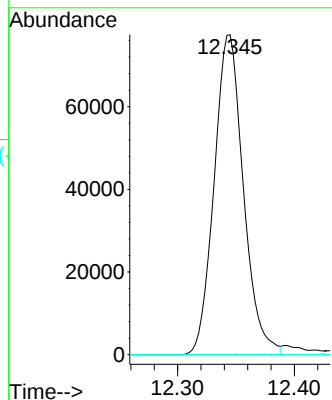
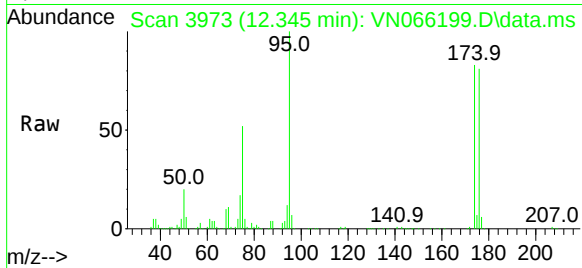




#81
trans-1,4-Dichloro-2-butene
Concen: 73.81 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.099 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

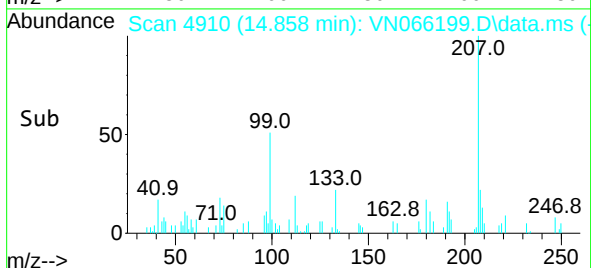
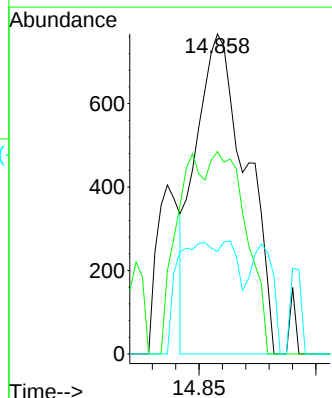
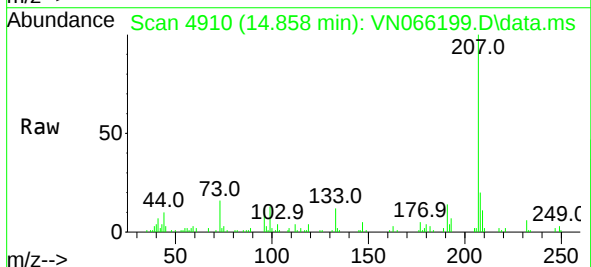
Instrument :
MSVOA_N
ClientSampled :

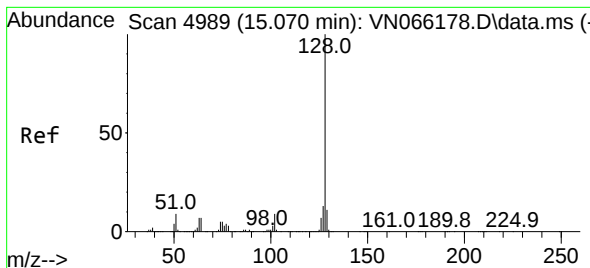
Tgt Ion: 75 Resp: 134689
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.6#
89 0.0 33.7 50.5#



#93
1,2,4-Trichlorobenzene
Concen: 3.02 ug/l
RT: 14.858 min Scan# 4910
Delta R.T. 0.008 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

Tgt Ion:180 Resp: 1156
Ion Ratio Lower Upper
180 100
182 36.2 47.4 142.2#
145 27.4 14.1 42.3

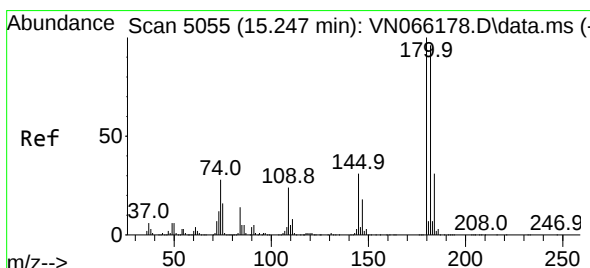
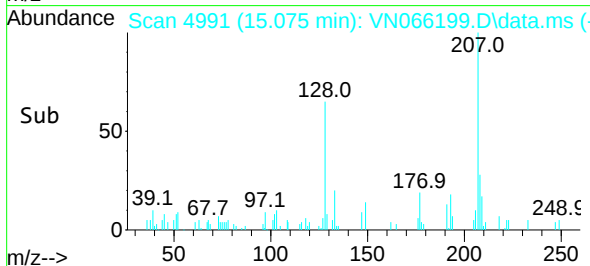
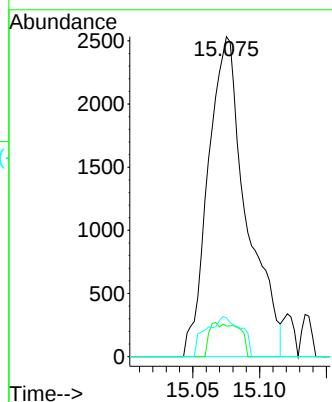
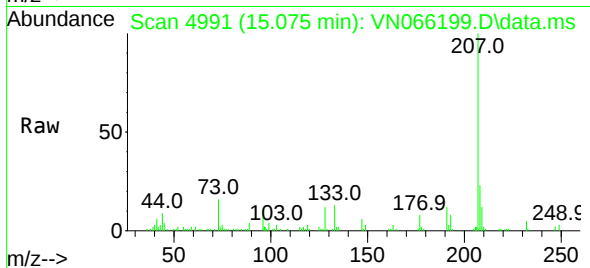




#95
Naphthalene
Concen: 2.42 ug/l
RT: 15.075 min Scan# 4991
Delta R.T. 0.005 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 5017
Ion Ratio Lower Upper
128 100
127 8.2 10.3 15.5#
129 11.5 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 2.09 ug/l
RT: 15.247 min Scan# 5055
Delta R.T. -0.000 min
Lab File: VN066199.D
Acq: 15 Mar 2021 11:49

Tgt Ion:180 Resp: 909
Ion Ratio Lower Upper
180 100
182 145.3 47.9 143.8#
145 76.2 15.6 46.8#

