

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033021\
 Data File : VN066418.D
 Acq On : 30 Mar 2021 12:33
 Operator : JC/MD
 Sample : VN0330WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0330WBL02

Quant Time: Mar 31 02:59:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

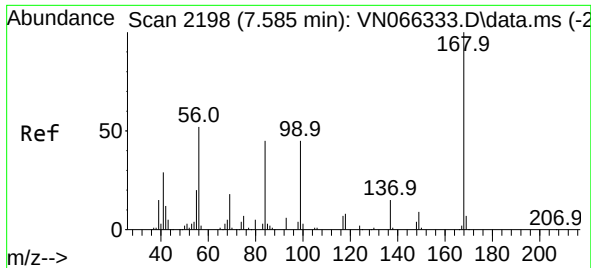
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.584	168	373922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	563999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	486274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	189836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	259232	52.15	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.30%			
35) Dibromofluoromethane	7.507	113	199295	53.30	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.60%			
50) Toluene-d8	10.028	98	768039	54.16	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.32%			
62) 4-Bromofluorobenzene	12.348	95	224389	45.55	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.10%			
Target Compounds					Qvalue	
3) Chloromethane	2.011	50	1341	Below Cal	#	85
13) Acrolein	3.529	56	814	Below Cal	#	42
16) Acetone	3.738	43	1436	0.53	ug/l #	56
18) Methyl Acetate	4.240	43	1830	0.26	ug/l #	77
20) Methylene Chloride	4.455	84	816	Below Cal	#	61
31) Cyclohexane	7.584	56	7635	1.11	ug/l #	1
36) 1,1-Dichloropropene	7.587	75	26950	5.09	ug/l #	48
38) Carbon Tetrachloride	7.584	117	34258	6.43	ug/l #	16
71) Bromoform	12.348	173	1613	0.52	ug/l #	1
74) N-amyl acetate	12.026	43	132	3.22	ug/l #	45
76) 1,2,3-Trichloropropane	12.345	75	113330	27.21	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.345	75	113330	81.82	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.869	180	792	0.22	ug/l	91
95) Naphthalene	15.086	128	6807	1.67	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.258	180	1260	0.34	ug/l #	78

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

Quant Time: Mar 31 02:59:06 2021
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Quant Title : SW846 8260
QLast Update : Fri Mar 26 16:26:01 2021
Response via : Initial Calibration

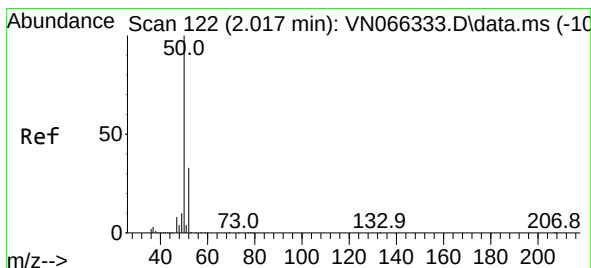
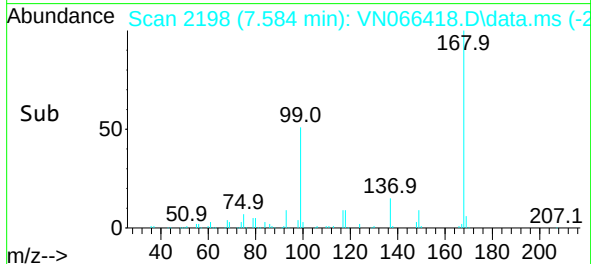
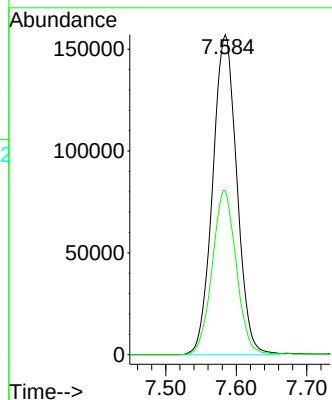
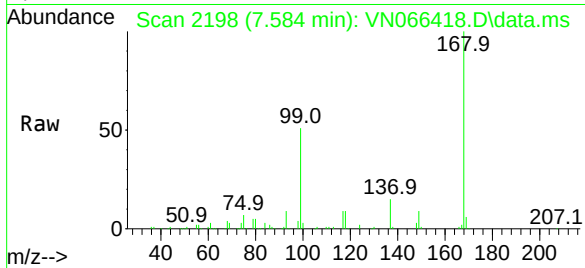




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066418.D
Acq: 30 Mar 2021 12:33

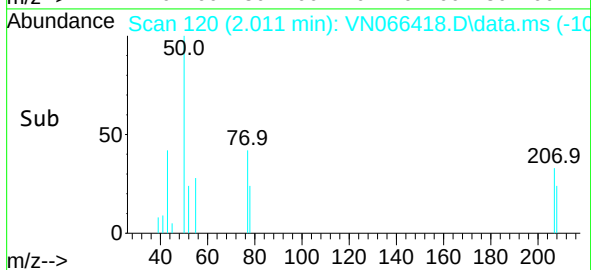
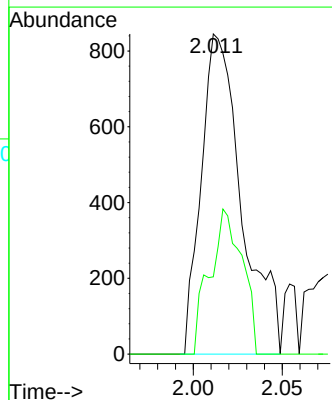
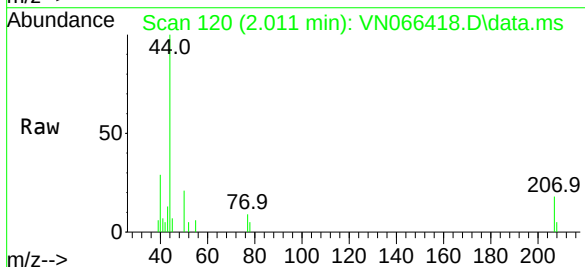
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

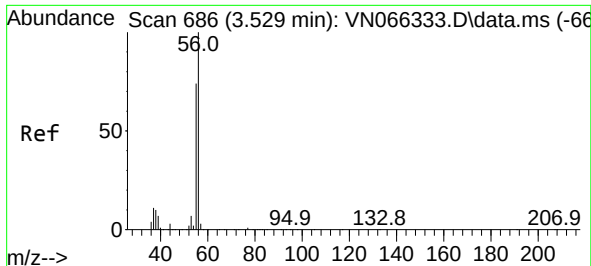
Tgt Ion:168 Resp: 373922
Ion Ratio Lower Upper
168 100
99 51.2 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.011 min Scan# 120
Delta R.T. -0.006 min
Lab File: VN066418.D
Acq: 30 Mar 2021 12:33

Tgt Ion: 50 Resp: 1341
Ion Ratio Lower Upper
50 100
52 24.1 26.2 39.2#

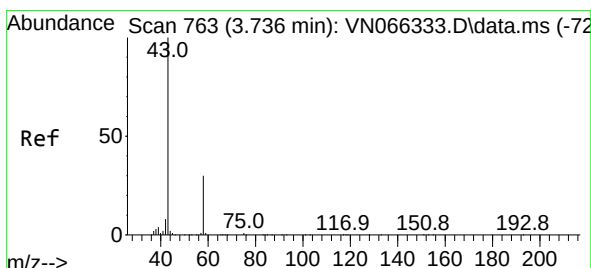
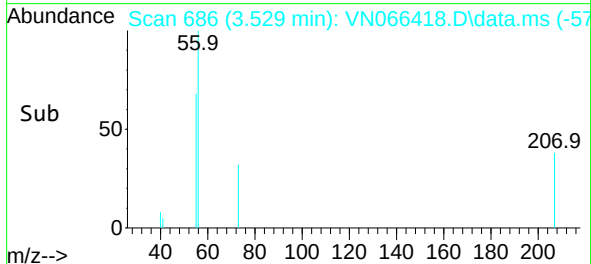
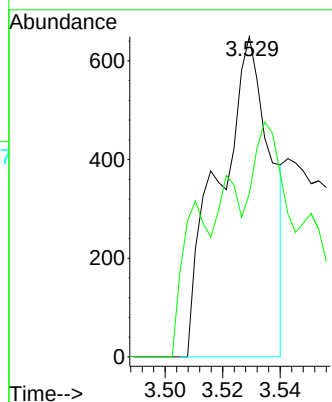
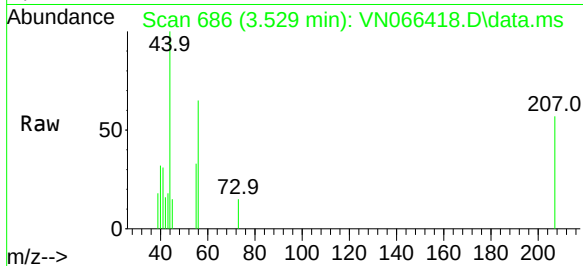




#13
Acrolein
Concen: Below Cal
RT: 3.529 min Scan# 686
Delta R.T. 0.000 min
Lab File: VN066418.D
Acq: 30 Mar 2021 12:33

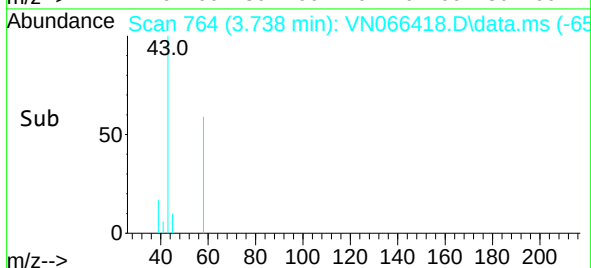
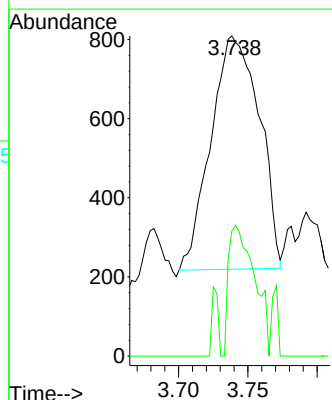
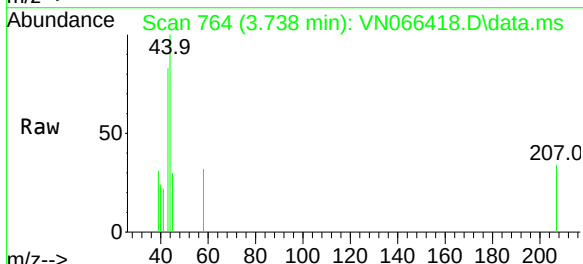
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

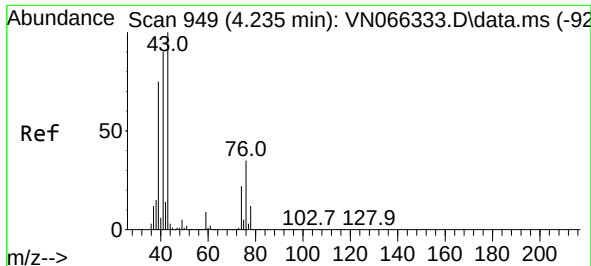
Tgt Ion: 56 Resp: 814
Ion Ratio Lower Upper
56 100
55 23.7 57.9 86.9#



#16
Acetone
Concen: 0.53 ug/l
RT: 3.738 min Scan# 764
Delta R.T. 0.003 min
Lab File: VN066418.D
Acq: 30 Mar 2021 12:33

Tgt Ion: 43 Resp: 1436
Ion Ratio Lower Upper
43 100
58 53.8 23.8 35.8#





#18

Methyl Acetate

Concen: 0.26 ug/l

RT: 4.240 min Scan# 951

Delta R.T. 0.005 min

Lab File: VN066418.D

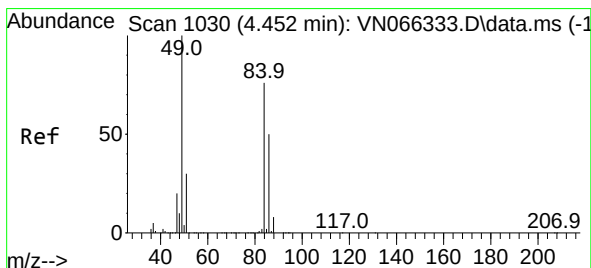
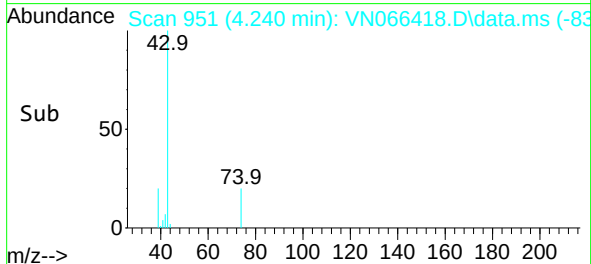
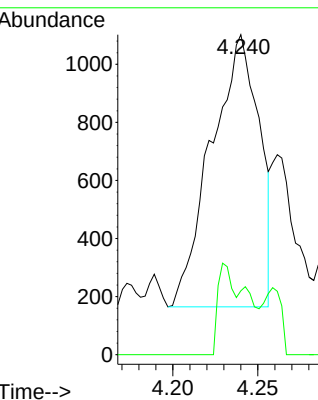
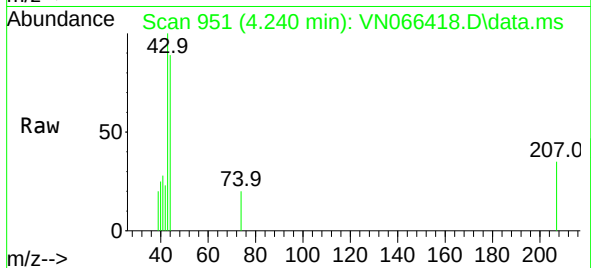
Acq: 30 Mar 2021 12:33

Tgt Ion: 43 Resp: 1830

Ion Ratio Lower Upper

43 100

74 11.3 17.6 26.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.455 min Scan# 1031

Delta R.T. 0.003 min

Lab File: VN066418.D

Acq: 30 Mar 2021 12:33

Tgt Ion: 84 Resp: 816

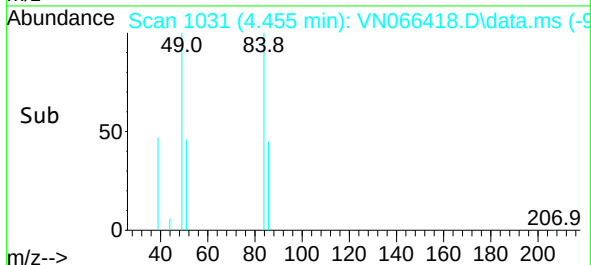
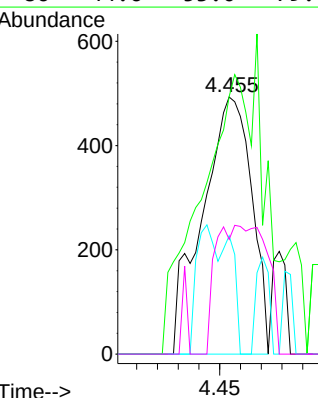
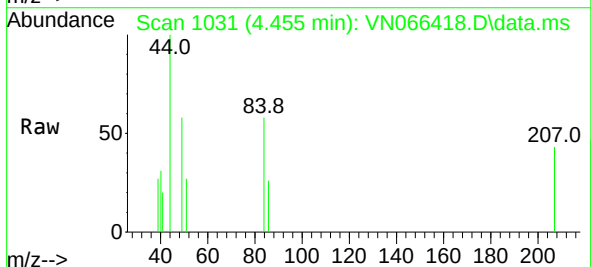
Ion Ratio Lower Upper

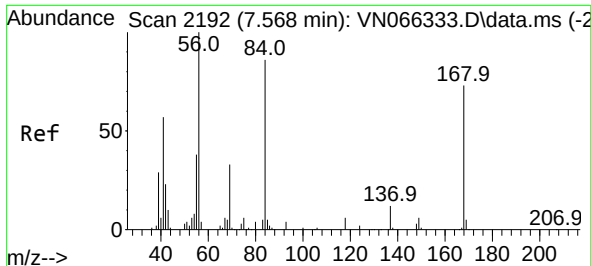
84 100

49 68.4 105.0 157.6#

51 46.0 31.6 47.4

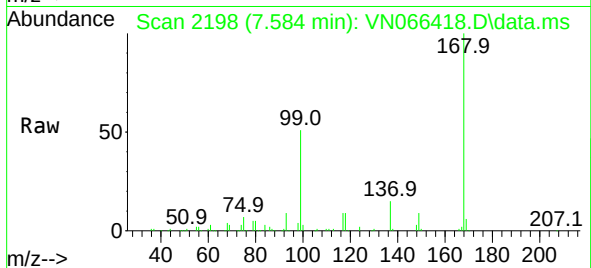
86 44.6 53.0 79.6#



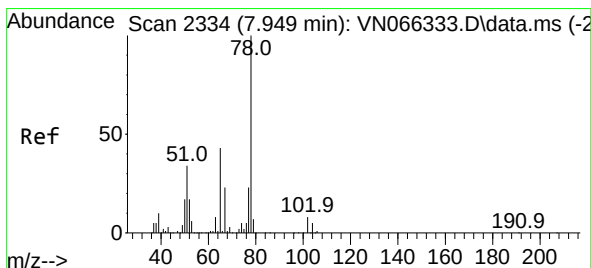
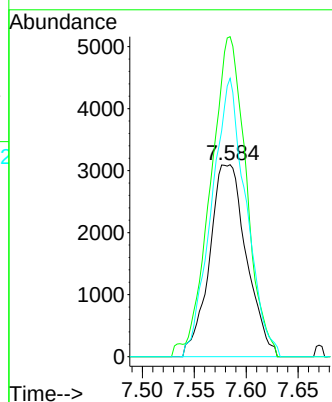
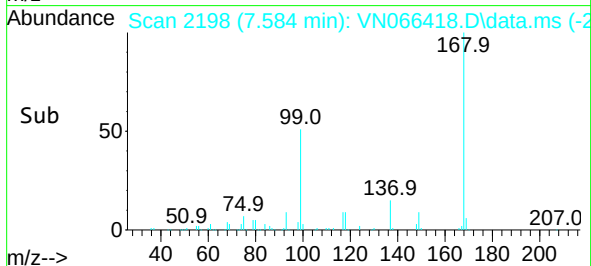


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. 0.016 min
Lab File: VN066418.D
Acq: 30 Mar 2021 12:33

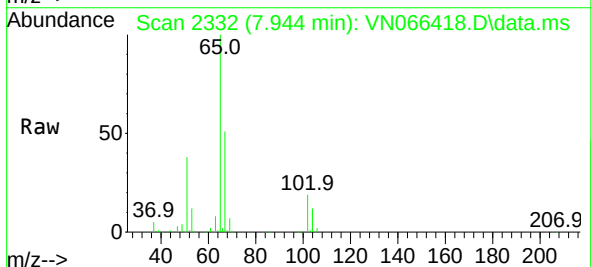
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02



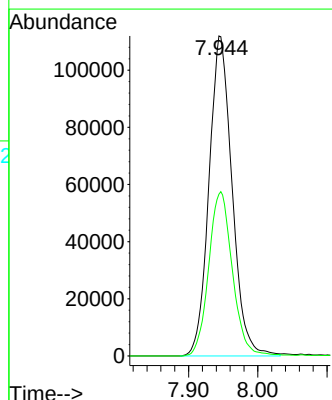
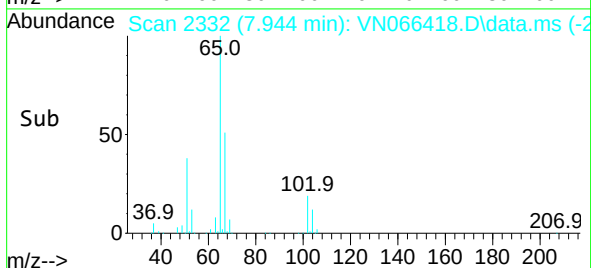
Tgt Ion: 56 Resp: 7635
Ion Ratio Lower Upper
56 100
69 166.7 26.6 40.0#
84 145.0 68.7 103.1#

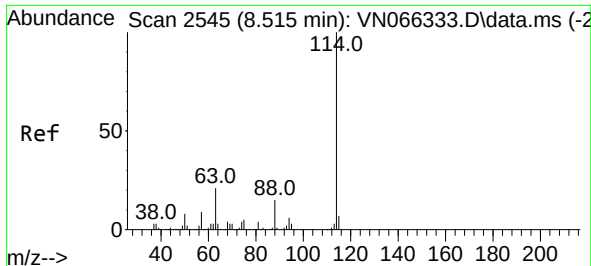


#33
1,2-Dichloroethane-d4
Concen: 52.15 ug/l
RT: 7.944 min Scan# 2332
Delta R.T. -0.005 min
Lab File: VN066418.D
Acq: 30 Mar 2021 12:33



Tgt Ion: 65 Resp: 259232
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.2

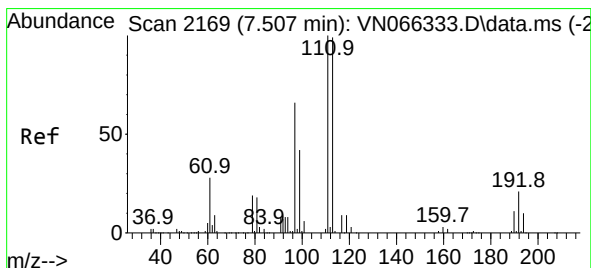
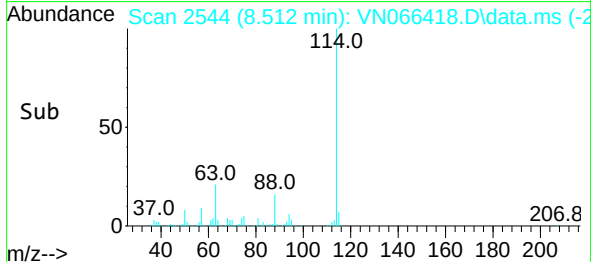
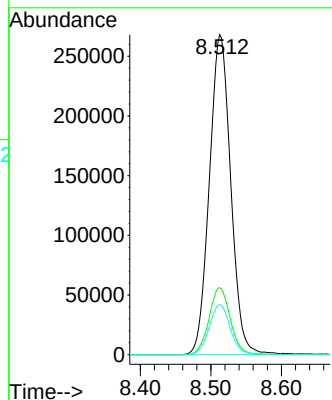
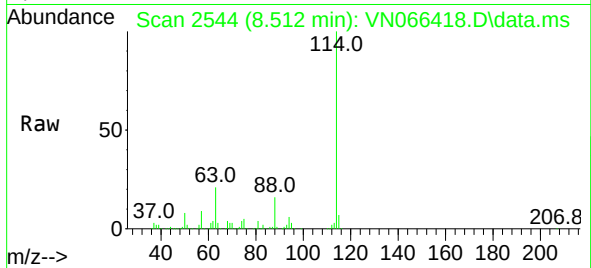




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.003 min
Lab File: VN066418.D
Acq: 30 Mar 2021 12:33

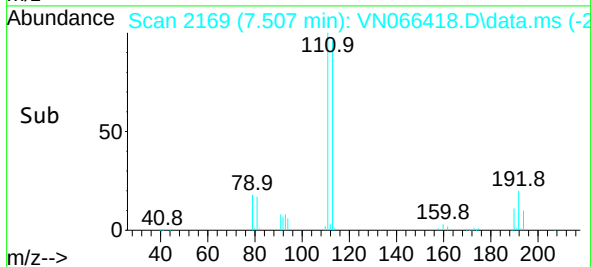
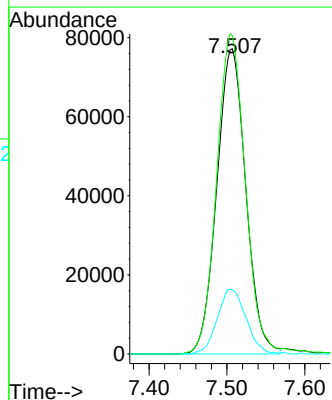
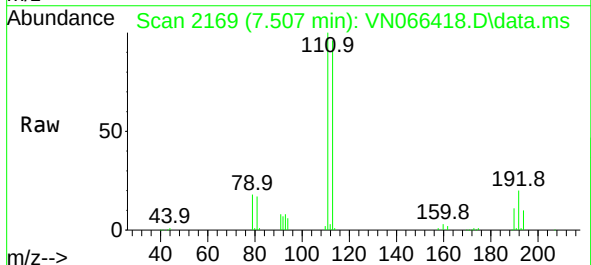
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

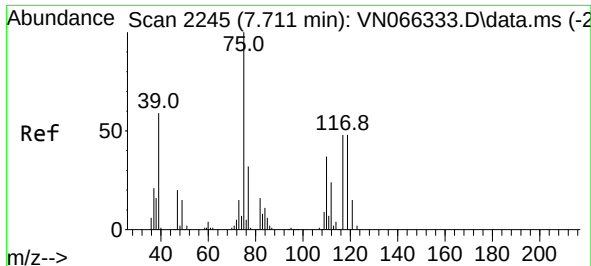
Tgt Ion:	114	Resp:	563999
Ion Ratio	Lower	Upper	
114	100		
63	21.0	0.0	42.0
88	15.6	0.0	31.0



#35
Dibromofluoromethane
Concen: 53.30 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066418.D
Acq: 30 Mar 2021 12:33

Tgt Ion:	113	Resp:	199295
Ion Ratio	Lower	Upper	
113	100		
111	104.1	81.8	122.8
192	21.0	17.1	25.7

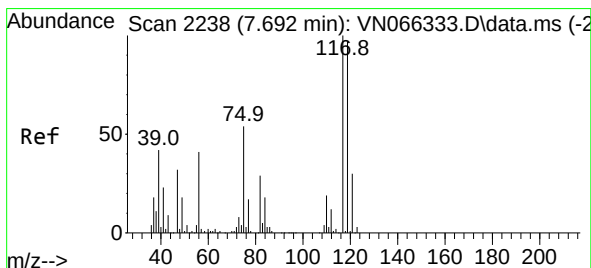
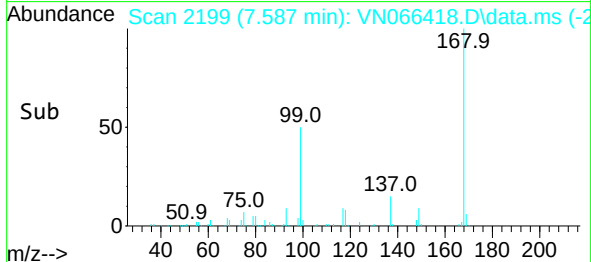
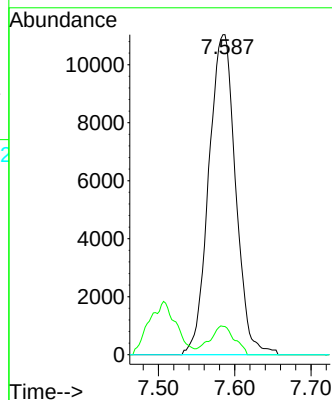
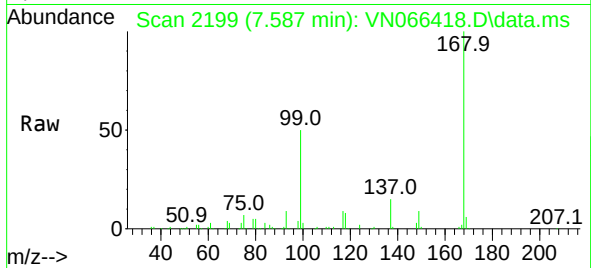




#36
1,1-Dichloropropene
Concen: 5.09 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. -0.123 min
Lab File: VN066418.D
Acq: 30 Mar 2021 12:33

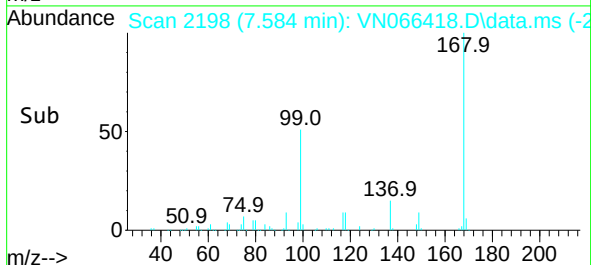
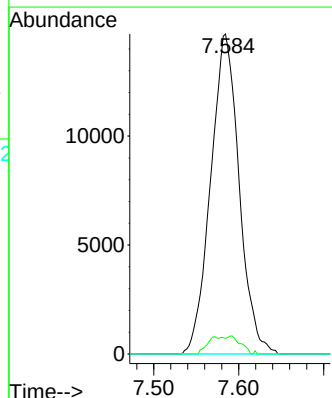
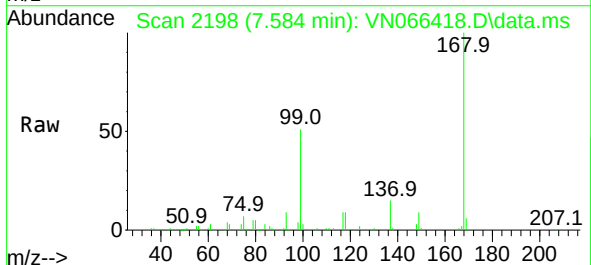
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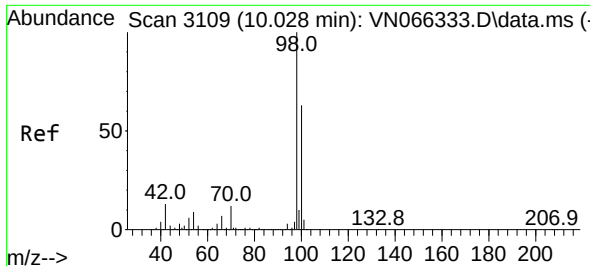
Tgt Ion: 75 Resp: 26950
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.43 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.107 min
Lab File: VN066418.D
Acq: 30 Mar 2021 12:33

Tgt Ion: 117 Resp: 34258
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 24.2 36.4#

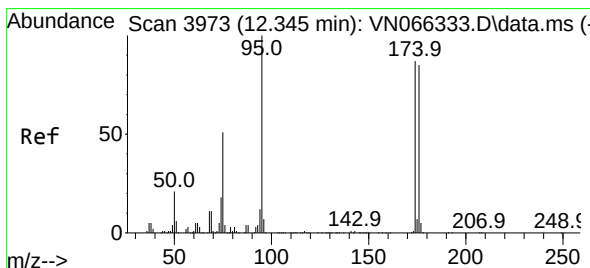
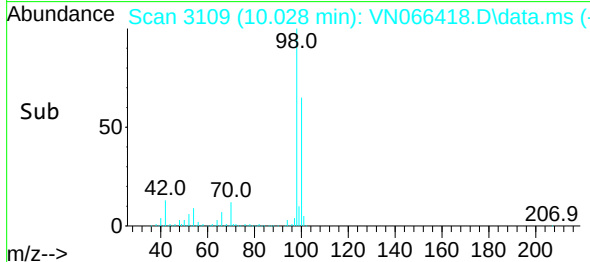
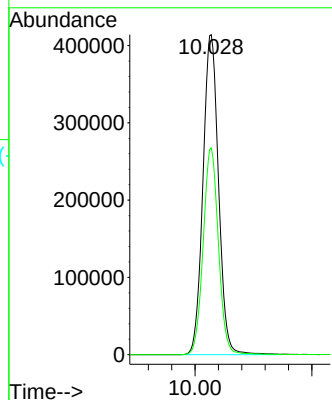
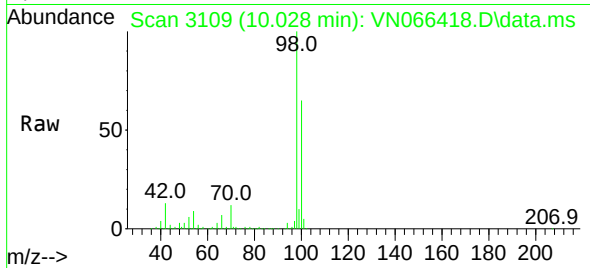




#50
Toluene-d8
Concen: 54.16 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066418.D
Acq: 30 Mar 2021 12:33

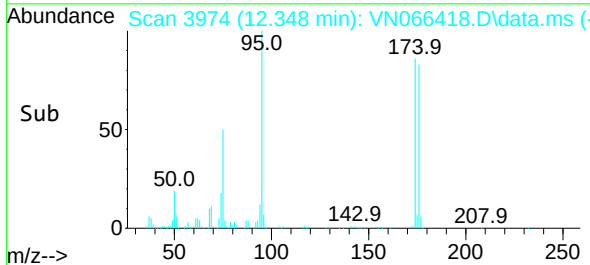
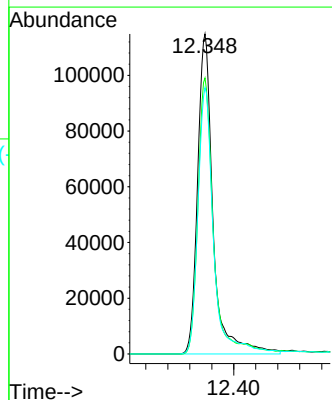
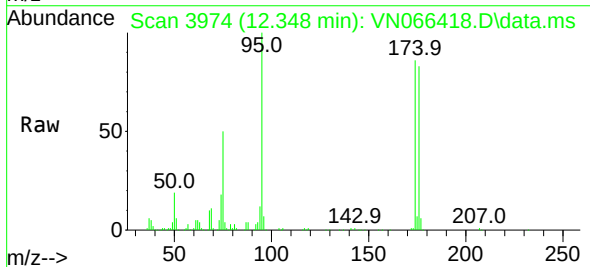
Instrument :
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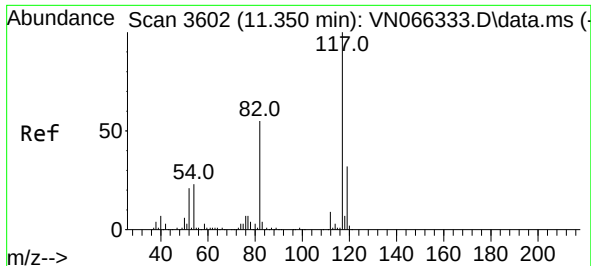
Tgt Ion: 98 Resp: 768039
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 45.55 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.003 min
Lab File: VN066418.D
Acq: 30 Mar 2021 12:33

Tgt Ion: 95 Resp: 224389
Ion Ratio Lower Upper
95 100
174 86.5 0.0 172.2
176 83.6 0.0 167.8

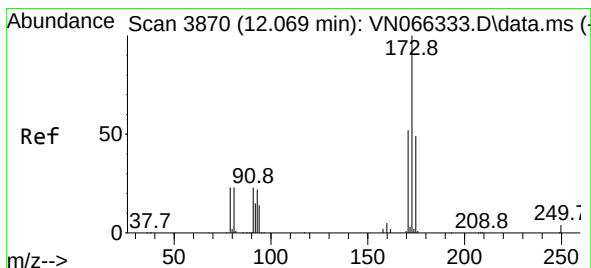
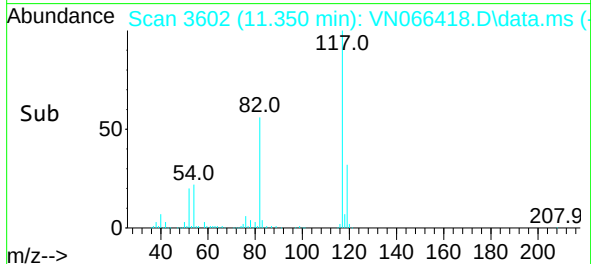
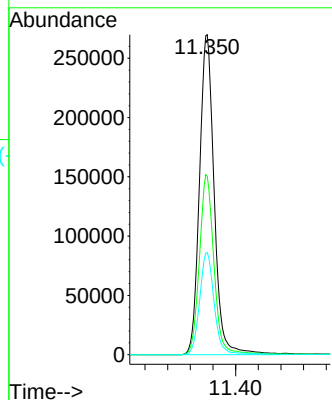
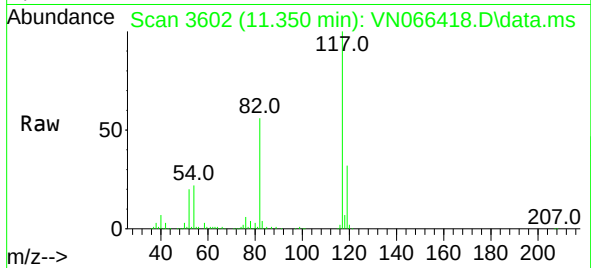




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066418.D
Acq: 30 Mar 2021 12:33

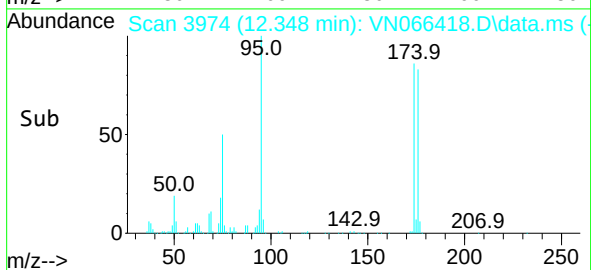
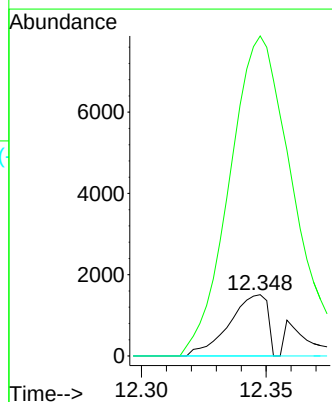
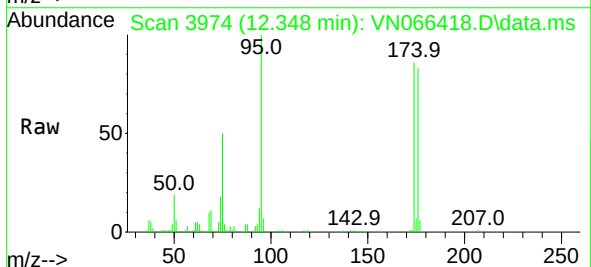
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

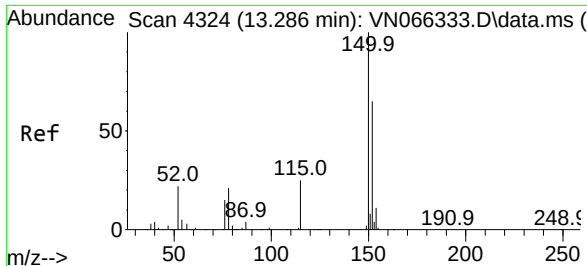
Tgt Ion:117 Resp: 486274
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.4
119 31.9 25.8 38.6



#71
Bromoform
Concen: 0.52 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.279 min
Lab File: VN066418.D
Acq: 30 Mar 2021 12:33

Tgt Ion:173 Resp: 1613
Ion Ratio Lower Upper
173 100
175 703.0 24.3 72.8#
254 0.0 0.0 0.0

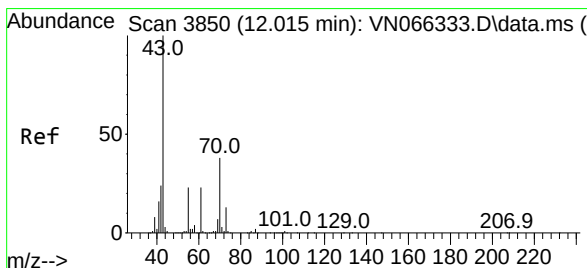
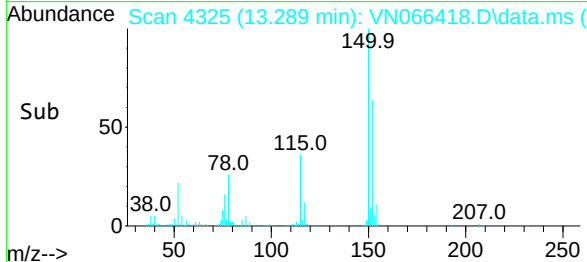
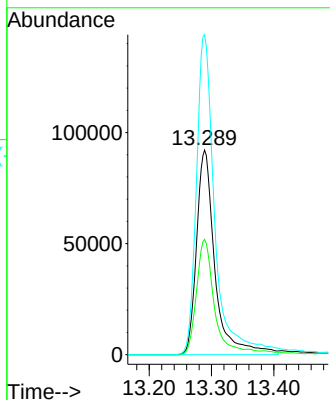
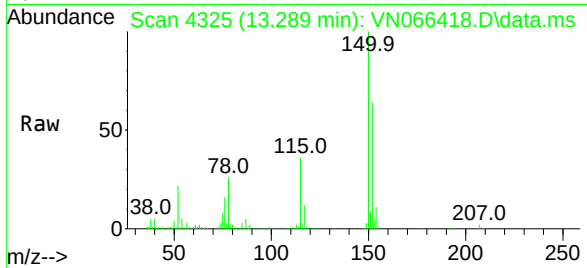




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066418.D
Acq: 30 Mar 2021 12:33

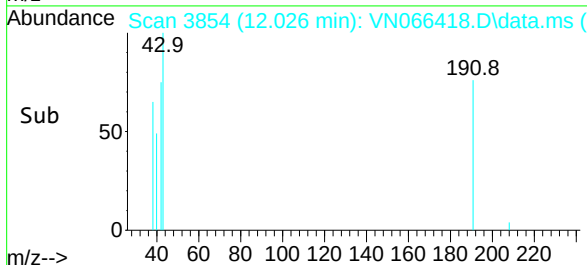
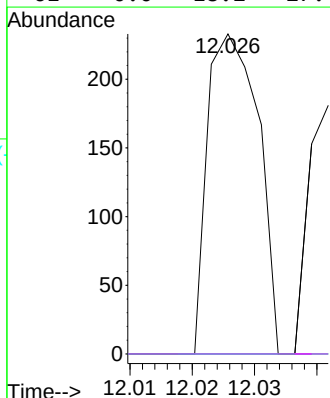
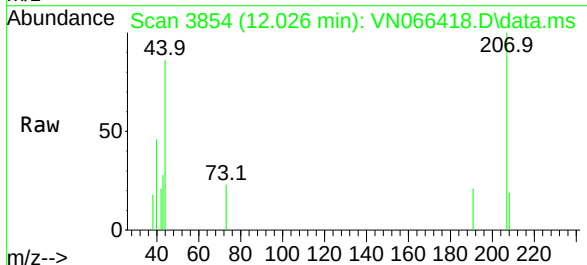
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

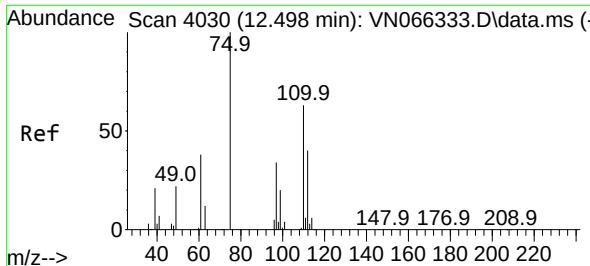
Tgt Ion:152 Resp: 189836
Ion Ratio Lower Upper
152 100
115 53.4 27.8 83.4
150 157.6 0.0 348.4



#74
N-ethyl acetate
Concen: 3.22 ug/l
RT: 12.026 min Scan# 3854
Delta R.T. 0.011 min
Lab File: VN066418.D
Acq: 30 Mar 2021 12:33

Tgt Ion: 43 Resp: 132
Ion Ratio Lower Upper
43 100
70 0.0 31.2 46.8#
55 0.0 18.6 28.0#
61 0.0 18.2 27.4#

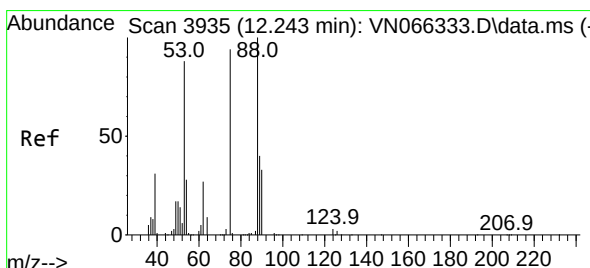
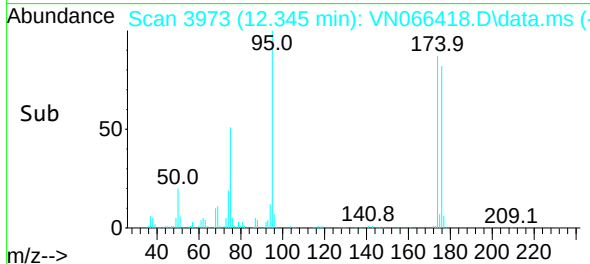
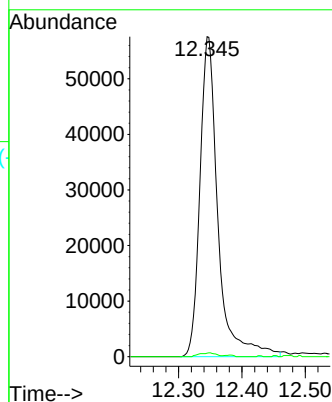
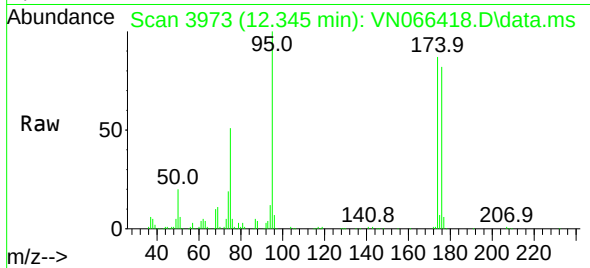




#76
1,2,3-Trichloropropane
Concen: 27.21 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066418.D
Acq: 30 Mar 2021 12:33

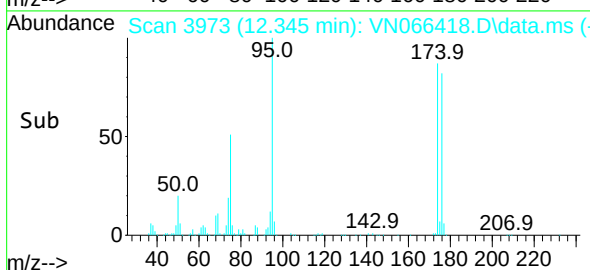
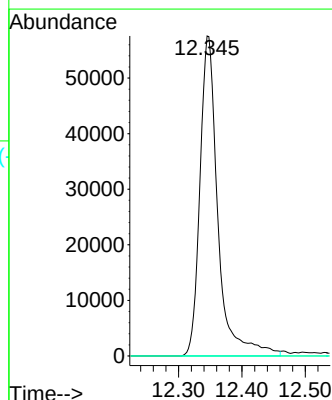
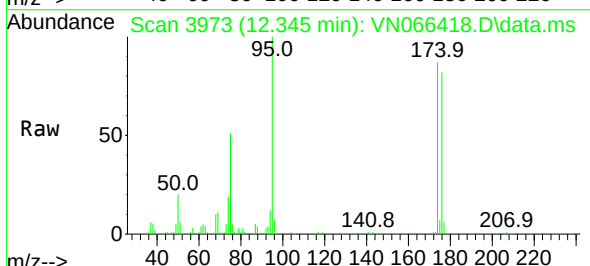
Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL02

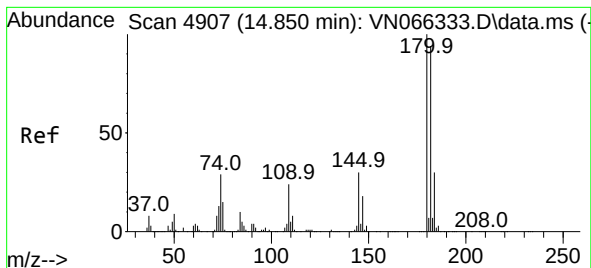
Tgt Ion: 75 Resp: 113330
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.82 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066418.D
Acq: 30 Mar 2021 12:33

Tgt Ion: 75 Resp: 113330
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 35.7 53.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.22 ug/l

RT: 14.869 min Scan# 4914

Delta R.T. 0.019 min

Lab File: VN066418.D

Acq: 30 Mar 2021 12:33

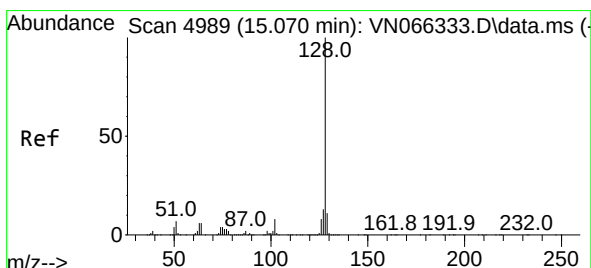
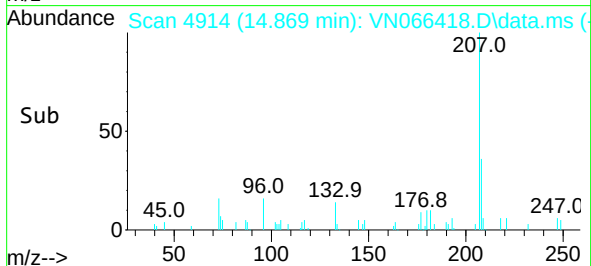
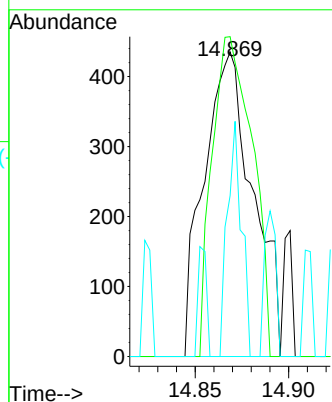
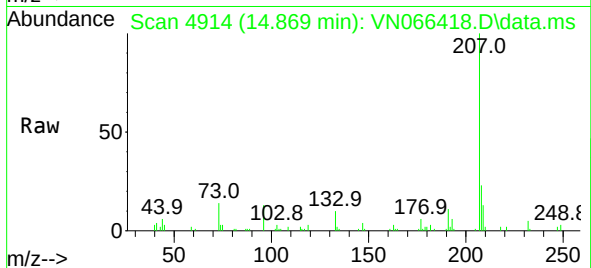
Tgt Ion:180 Resp: 792

Ion Ratio Lower Upper

180 100

182 86.4 47.4 142.3

145 22.5 14.2 42.8



#95

Naphthalene

Concen: 1.67 ug/l

RT: 15.086 min Scan# 4995

Delta R.T. 0.016 min

Lab File: VN066418.D

Acq: 30 Mar 2021 12:33

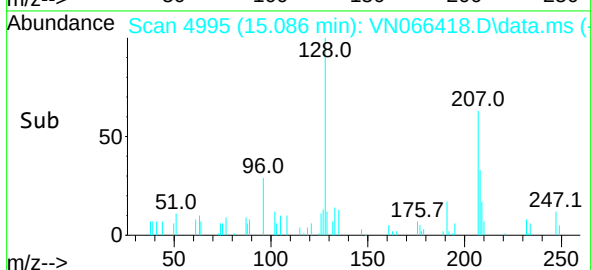
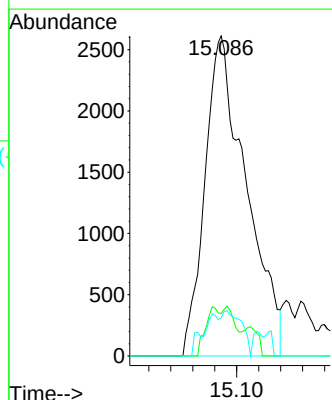
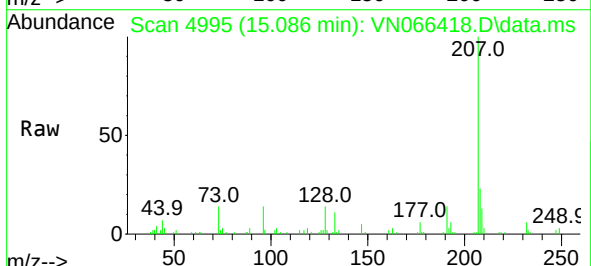
Tgt Ion:128 Resp: 6807

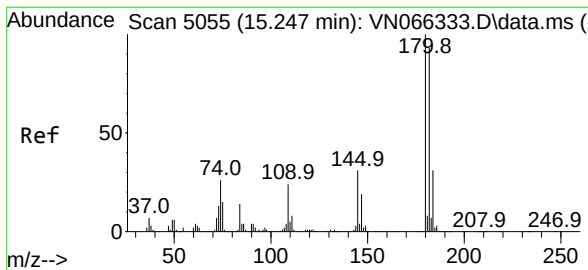
Ion Ratio Lower Upper

128 100

127 5.7 10.5 15.7#

129 1.7 8.5 12.7#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.34 ug/l
 RT: 15.258 min Scan# 5059
 Delta R.T. 0.011 min
 Lab File: VN066418.D
 Acq: 30 Mar 2021 12:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0330WBL02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	83.6	47.6	142.9
145	59.8	15.4	46.1#

