

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032621\
 Data File : VN066350.D
 Acq On : 26 Mar 2021 15:34
 Operator : JC/MD
 Sample : M1788-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-20210319

Quant Time: Mar 27 01:48:57 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)

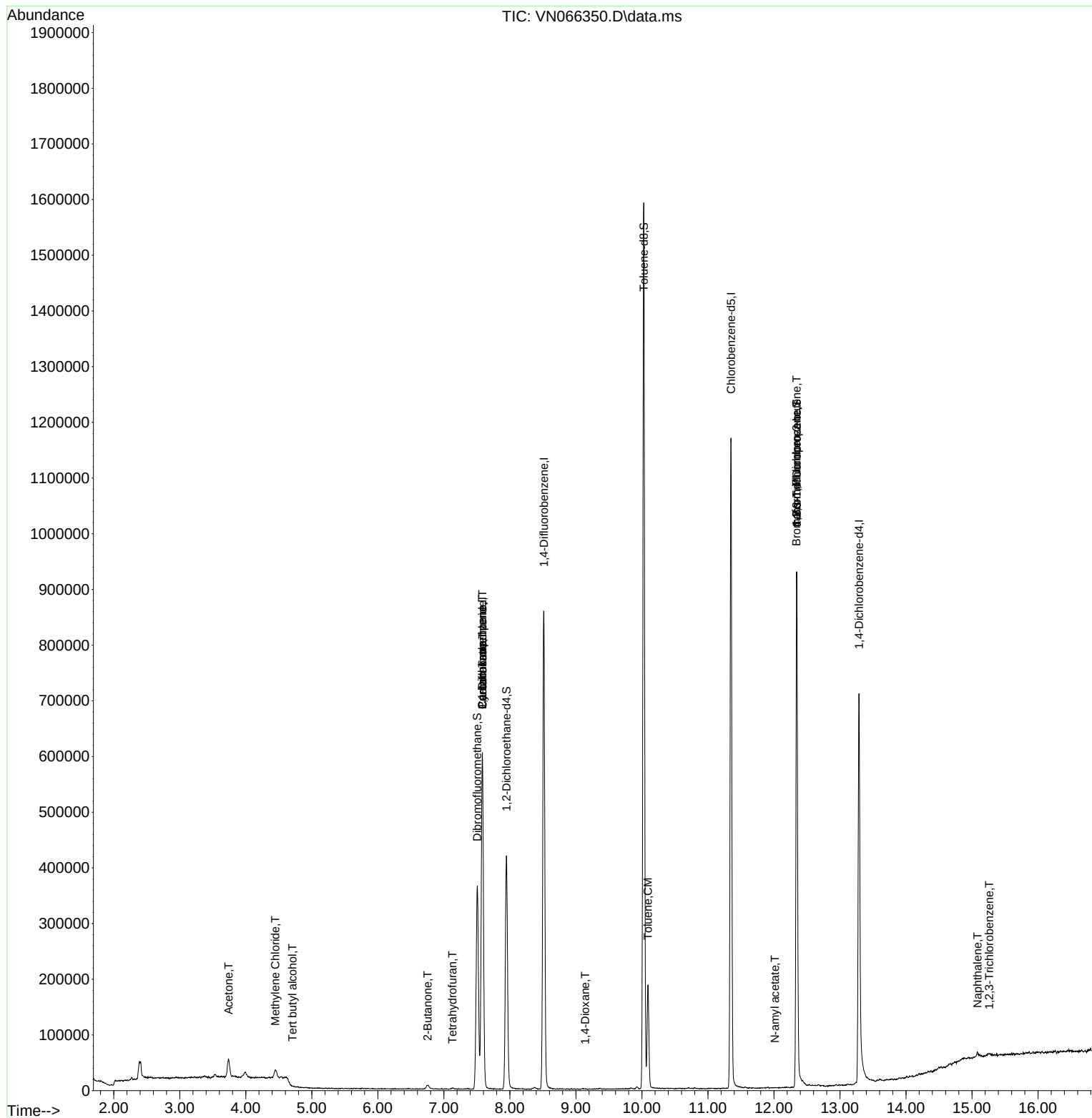
Internal Standards						
1) Pentafluorobenzene	7.584	168	507887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	757147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	668563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	230311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	351180	52.01	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.02%			
35) Dibromofluoromethane	7.507	113	273821	54.55	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.10%			
50) Toluene-d8	10.028	98	1076487	56.54	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 113.08%#			
62) 4-Bromofluorobenzene	12.345	95	317663	48.04	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.08%			
Target Compounds						Qvalue
3) Chloromethane	2.017	50	3220	Below Cal	#	84
11) Tert butyl alcohol	4.707	59	322	0.31 ug/l	#	60
13) Acrolein	3.535	56	5372	Below Cal		93
16) Acetone	3.738	43	48748	13.36 ug/l		100
20) Methylene Chloride	4.449	84	10126	0.22 ug/l		96
25) 2-Butanone	6.756	43	4435	1.11 ug/l		100
29) Tetrahydrofuran	7.128	42	581	0.22 ug/l	#	56
31) Cyclohexane	7.584	56	11015	1.18 ug/l	#	1
36) 1,1-Dichloropropene	7.582	75	37646	5.29 ug/l	#	49
38) Carbon Tetrachloride	7.584	117	46325	6.48 ug/l	#	16
49) 1,4-Dioxane	9.140	88	108	1.35 ug/l	#	13
52) Toluene	10.092	92	77907	5.91 ug/l		100
71) Bromoform	12.342	173	2015	0.47 ug/l	#	1
74) N-amyl acetate	12.015	43	56	3.20 ug/l	#	1
76) 1,2,3-Trichloropropane	12.345	75	159911	31.64 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.345	75	159911	95.16 ug/l	#	12
95) Naphthalene	15.083	128	6259	1.52 ug/l	#	92
96) 1,2,3-Trichlorobenzene	15.260	180	1504	0.34 ug/l	#	86

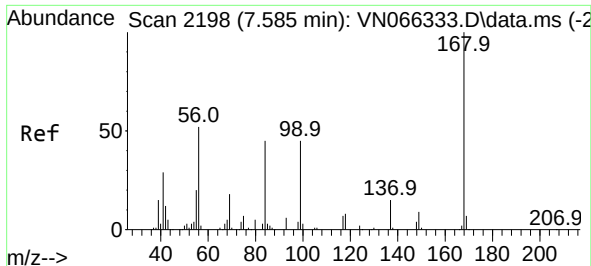
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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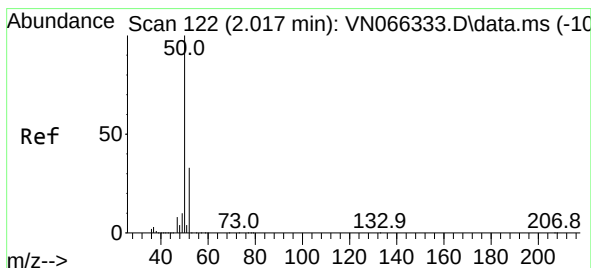
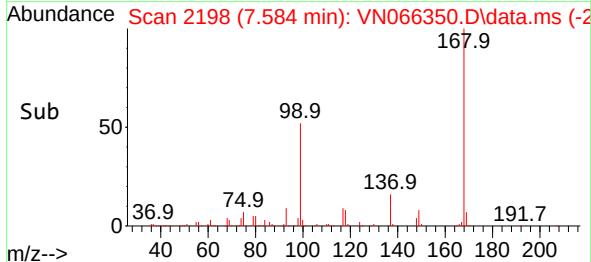
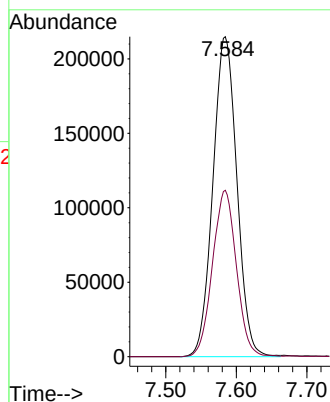
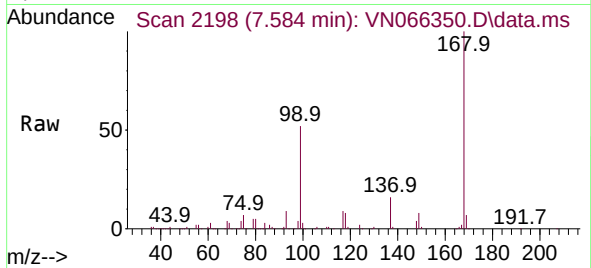




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

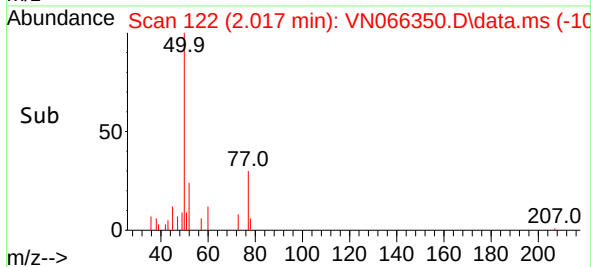
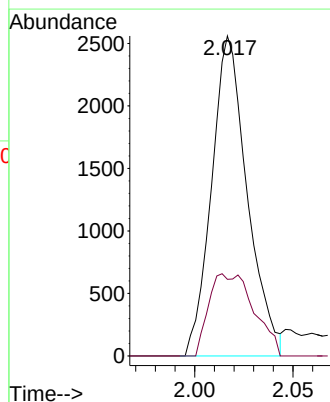
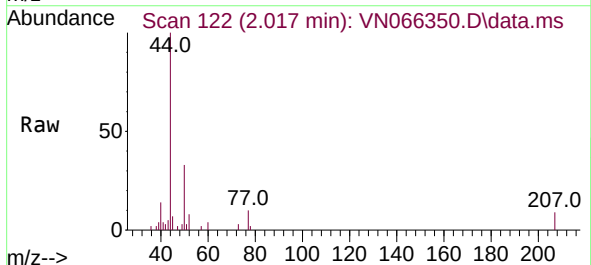
Instrument :
MSVOA_N
ClientSampleId :
EB-01-20210319

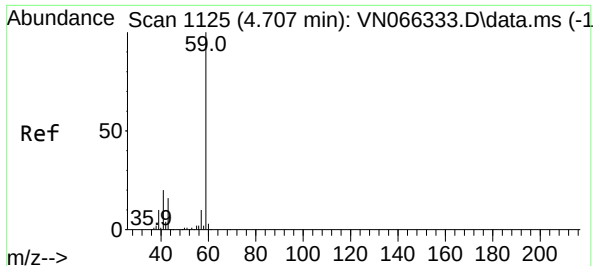
Tgt Ion:168 Resp: 507887
Ion Ratio Lower Upper
168 100
99 52.0 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

Tgt Ion: 50 Resp: 3220
Ion Ratio Lower Upper
50 100
52 23.9 26.2 39.2#



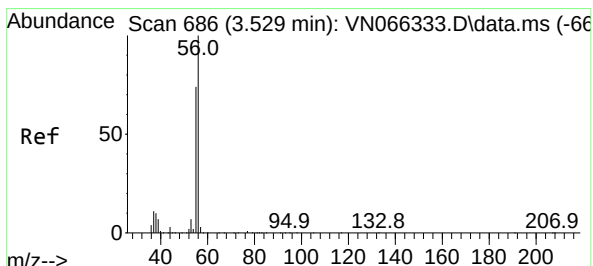
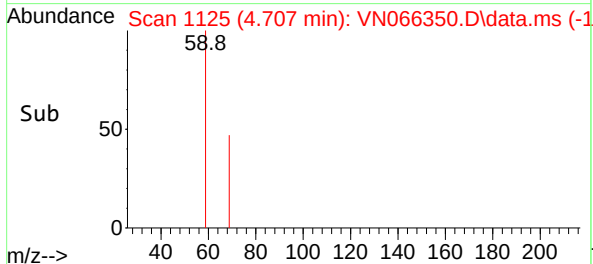
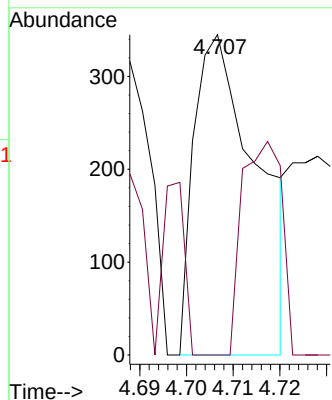
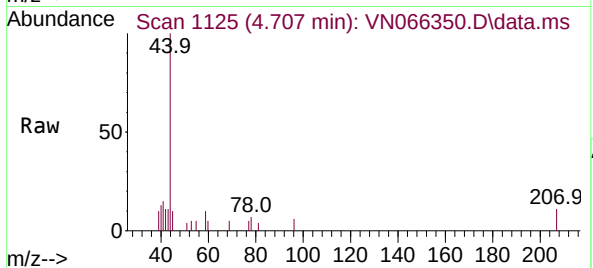


#11

Tert butyl alcohol
Concen: 0.31 ug/l
RT: 4.707 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

Instrument :
MSVOA_N
ClientSampleId :
EB-01-20210319

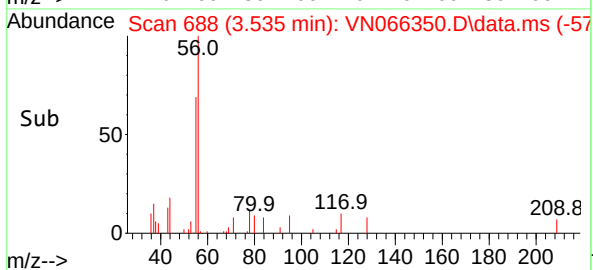
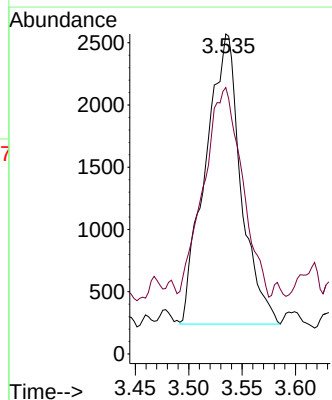
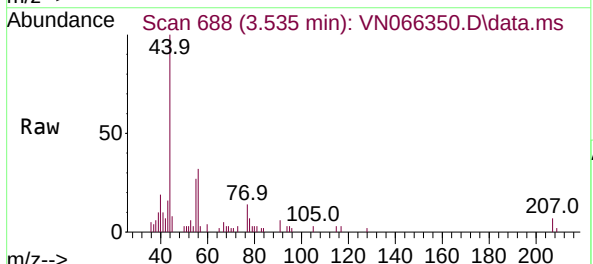
Tgt Ion: 59 Resp: 322
Ion Ratio Lower Upper
59 100
57 18.3 4.1 6.1#

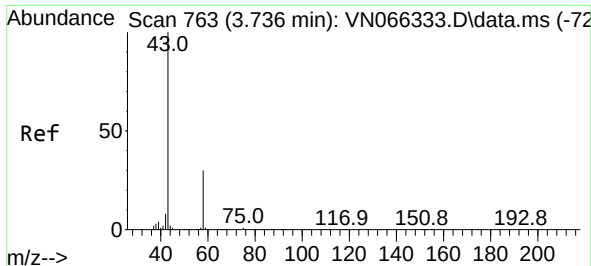


#13

Acrolein
Concen: Below Cal
RT: 3.535 min Scan# 688
Delta R.T. 0.006 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

Tgt Ion: 56 Resp: 5372
Ion Ratio Lower Upper
56 100
55 78.1 57.9 86.9

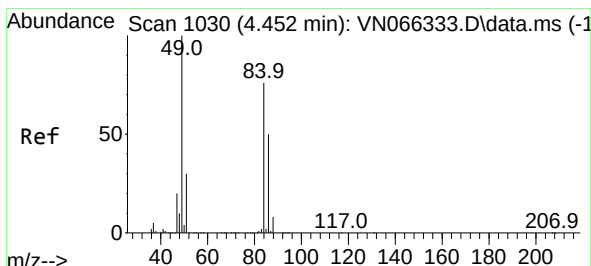
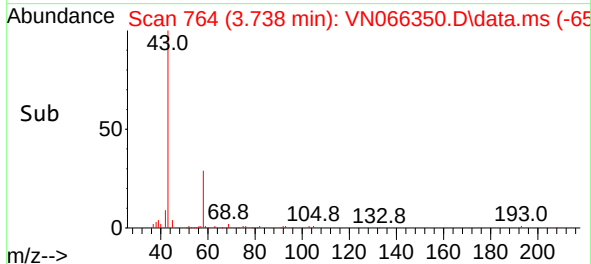
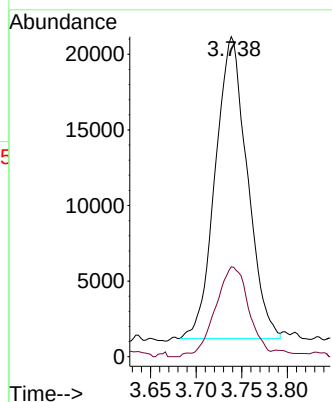
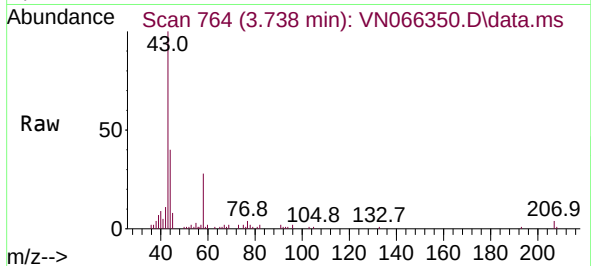




#16
Acetone
Concen: 13.36 ug/l
RT: 3.738 min Scan# 764
Delta R.T. 0.003 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

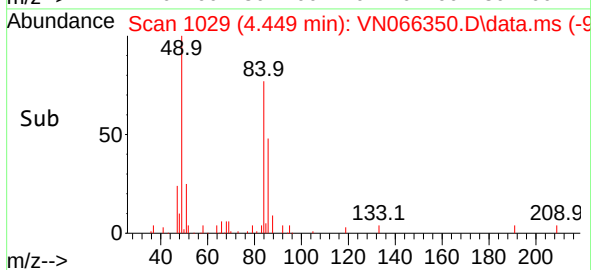
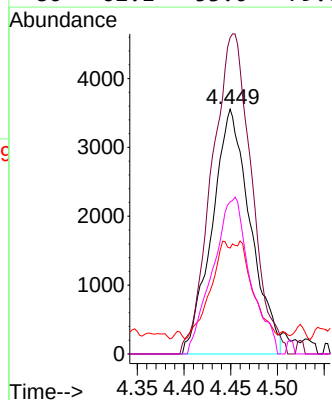
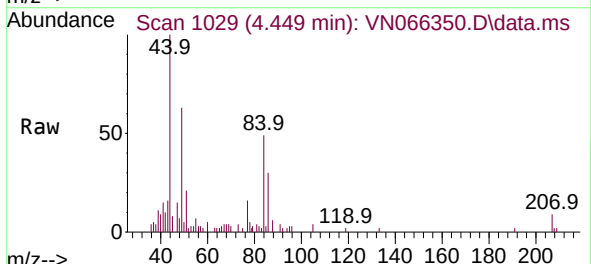
Instrument :
MSVOA_N
ClientSampleId :
EB-01-20210319

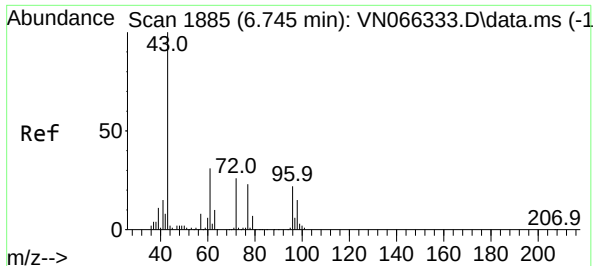
Tgt Ion: 43 Resp: 48748
Ion Ratio Lower Upper
43 100
58 29.8 23.8 35.8



#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 4.449 min Scan# 1029
Delta R.T. -0.003 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

Tgt Ion: 84 Resp: 10126
Ion Ratio Lower Upper
84 100
49 129.2 105.0 157.6
51 34.8 31.6 47.4
86 62.1 53.0 79.6

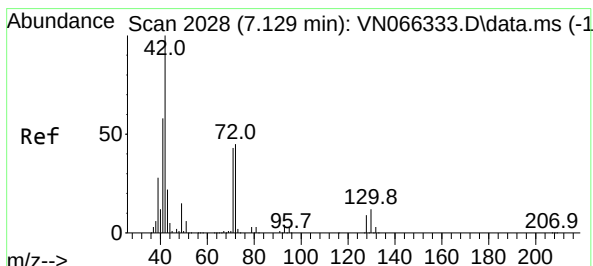
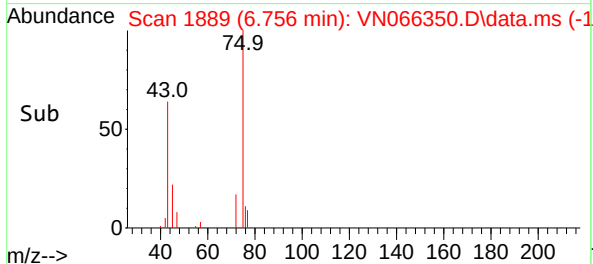
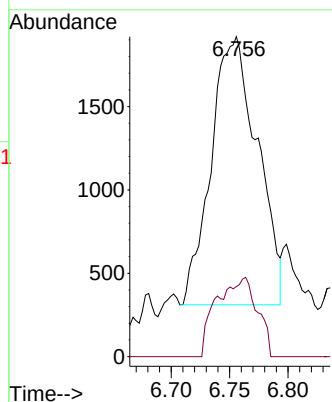
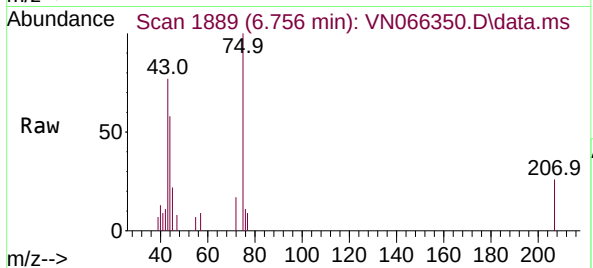




#25
2-Butanone
Concen: 1.11 ug/l
RT: 6.756 min Scan# 1889
Delta R.T. 0.011 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

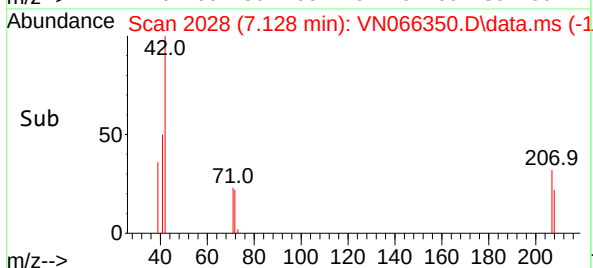
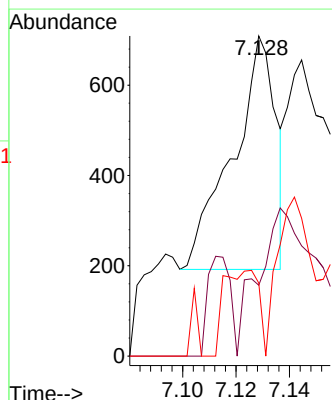
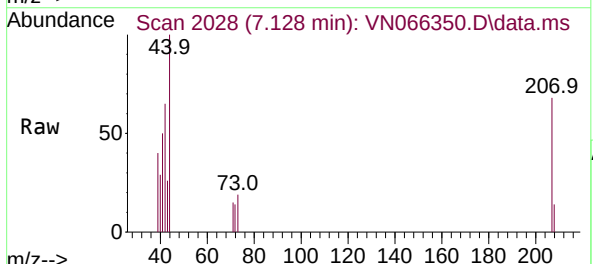
Instrument :
MSVOA_N
ClientSampleId :
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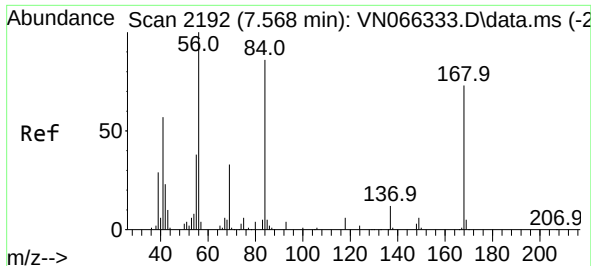
Tgt Ion: 43 Resp: 4435
Ion Ratio Lower Upper
43 100
72 26.1 20.7 31.1



#29
Tetrahydrofuran
Concen: 0.22 ug/l
RT: 7.128 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

Tgt Ion: 42 Resp: 581
Ion Ratio Lower Upper
42 100
72 0.0 35.2 52.8#
71 29.4 33.1 49.7#

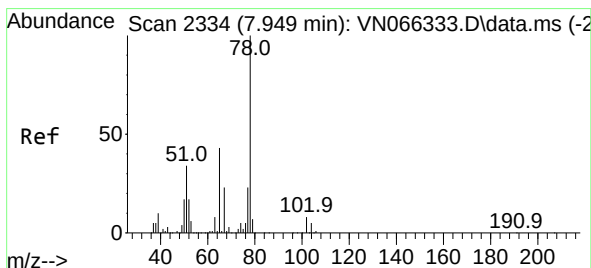
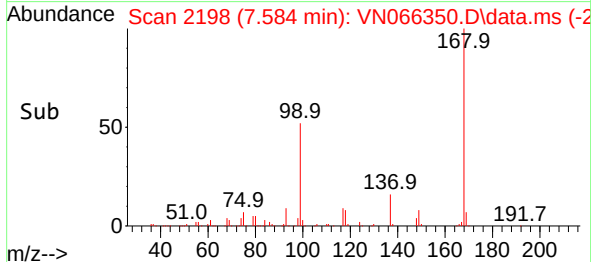
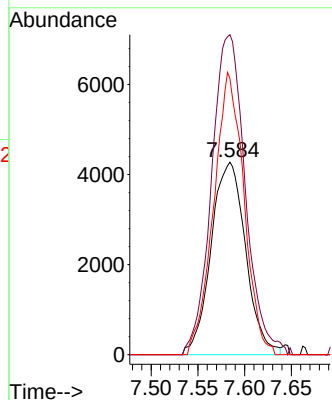
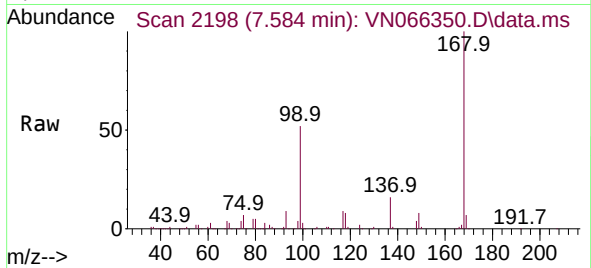




#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. 0.016 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

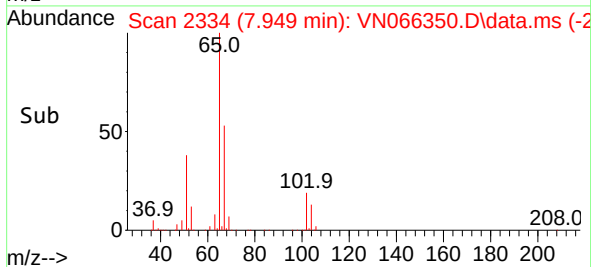
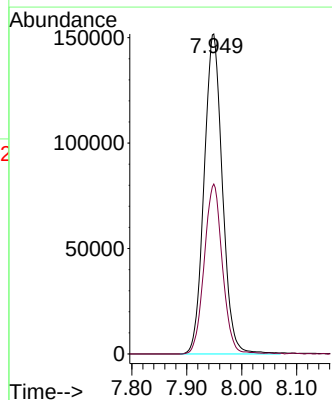
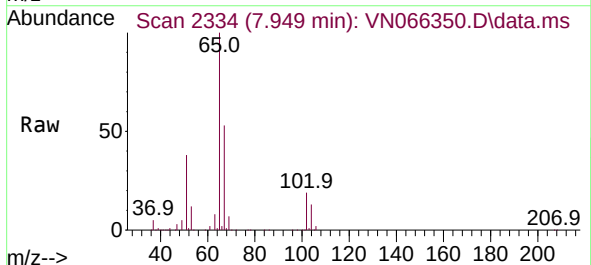
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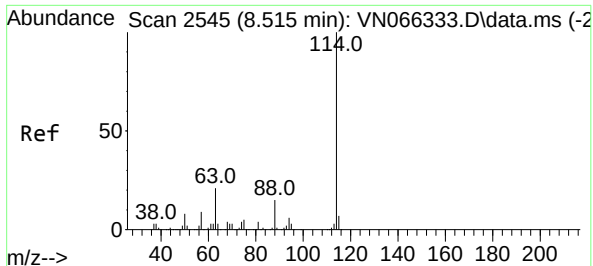
Tgt Ion: 56 Resp: 11015
Ion Ratio Lower Upper
56 100
69 166.3 26.6 40.0#
84 143.5 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 52.01 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. 0.000 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

Tgt Ion: 65 Resp: 351180
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.2

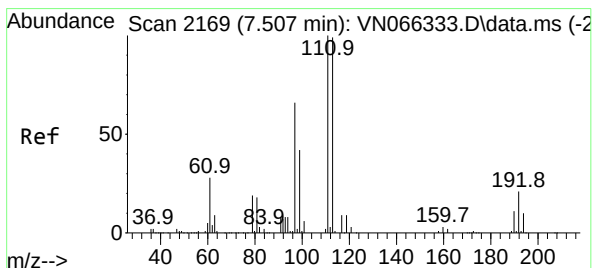
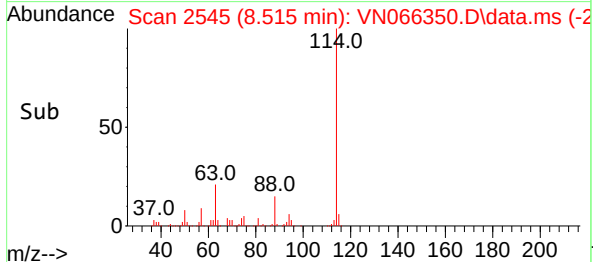
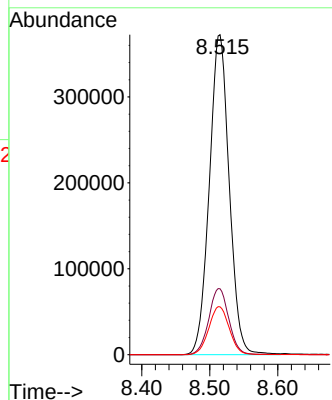
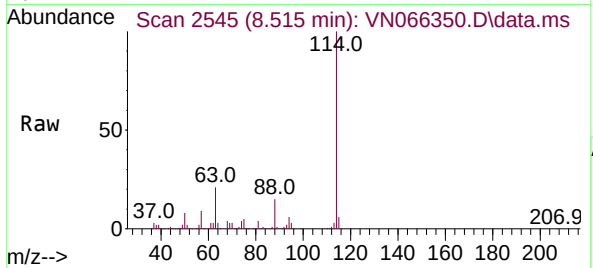




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.000 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

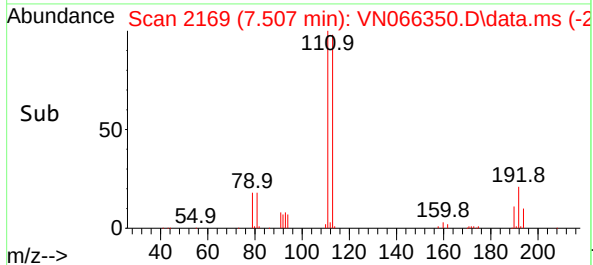
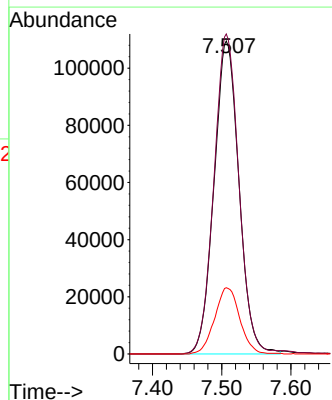
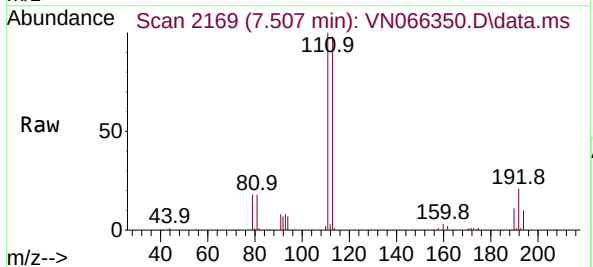
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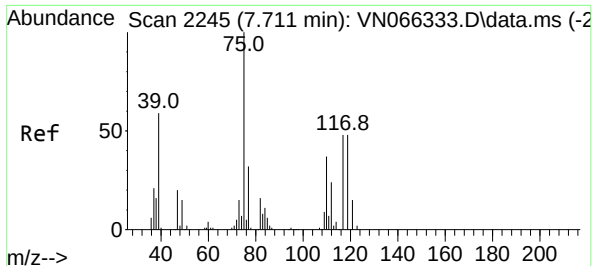
Tgt Ion:	114	Resp:	757147
Ion Ratio	Lower	Upper	
114	100		
63	20.6	0.0	42.0
88	14.9	0.0	31.0



#35
Dibromofluoromethane
Concen: 54.55 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

Tgt Ion:	113	Resp:	273821
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.8	122.8
192	21.3	17.1	25.7

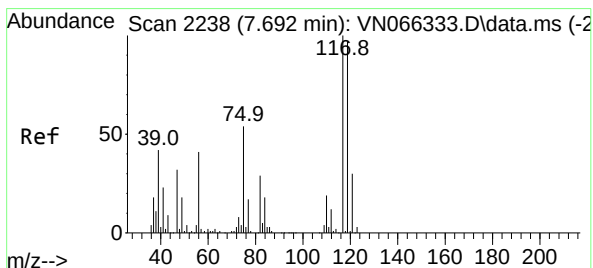
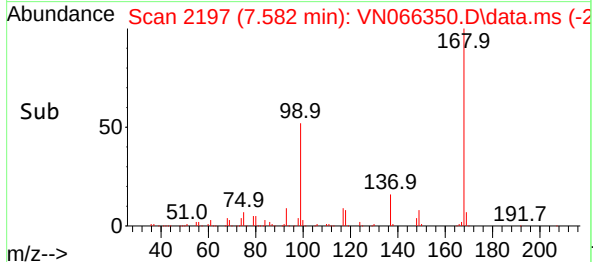
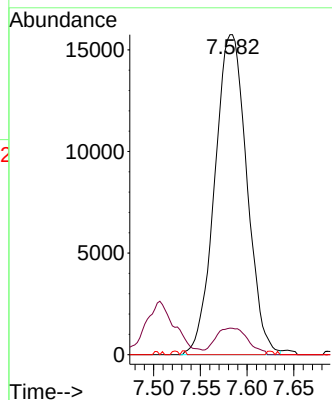
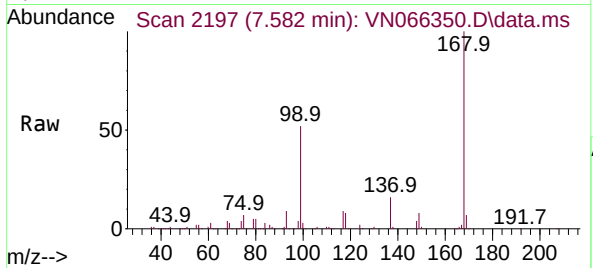




#36
1,1-Dichloropropene
Concen: 5.29 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.129 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

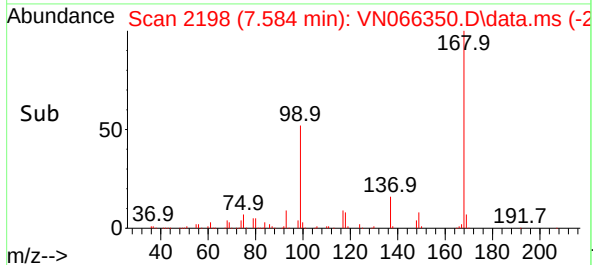
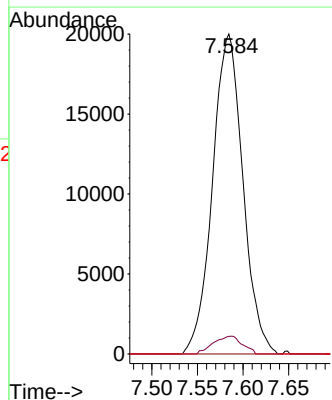
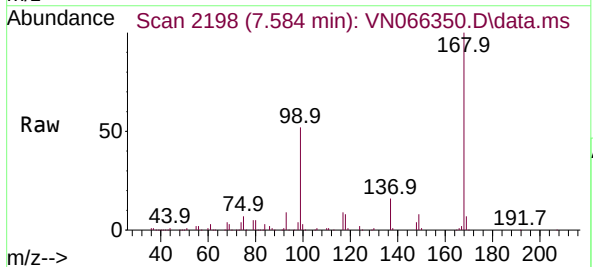
Instrument :
MSVOA_N
ClientSampled :
EB-01-20210319

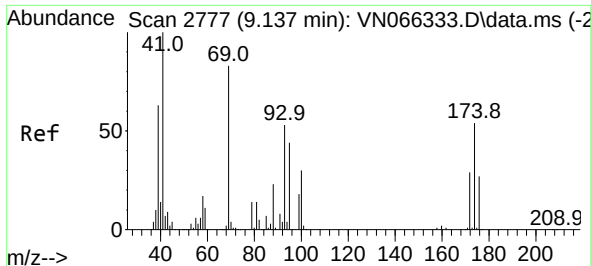
Tgt Ion: 75 Resp: 37646
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.48 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.107 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

Tgt Ion: 117 Resp: 46325
Ion Ratio Lower Upper
117 100
119 5.5 77.2 115.8#
121 0.0 24.2 36.4#





#49

1,4-Dioxane

Concen: 1.35 ug/l

RT: 9.140 min Scan# 2778

Delta R.T. 0.003 min

Lab File: VN066350.D

Acq: 26 Mar 2021 15:34

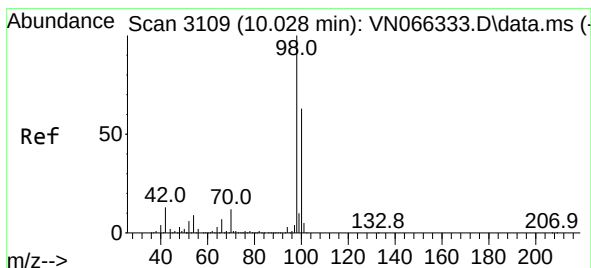
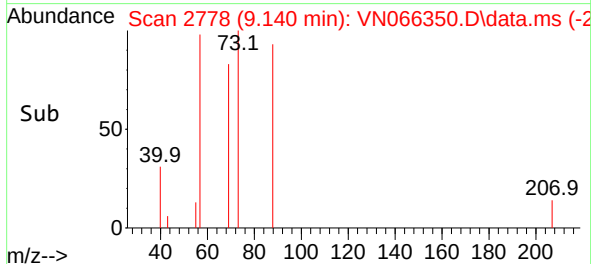
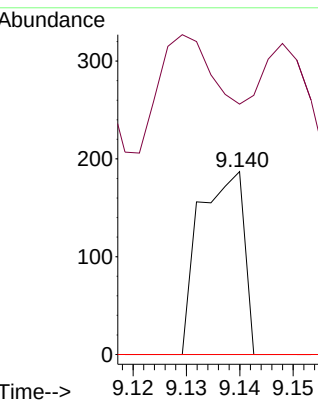
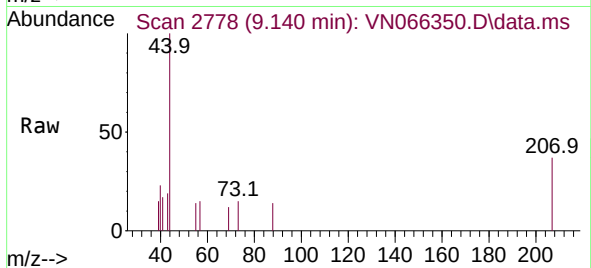
Instrument :

MSVOA_N

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Tgt Ion:	88	Resp:	108
Ion	Ratio	Lower	Upper
88	100		
43	87.0	28.2	42.4#
58	0.0	56.6	84.8#



#50

Toluene-d8

Concen: 56.54 ug/l

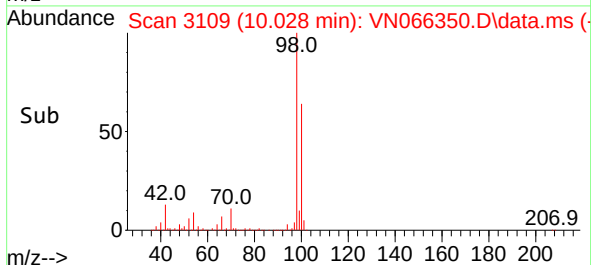
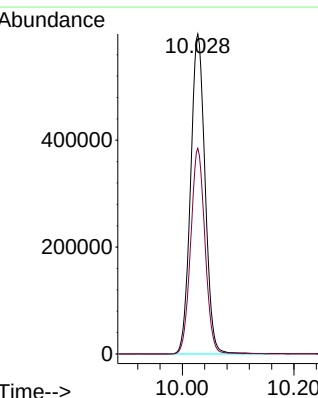
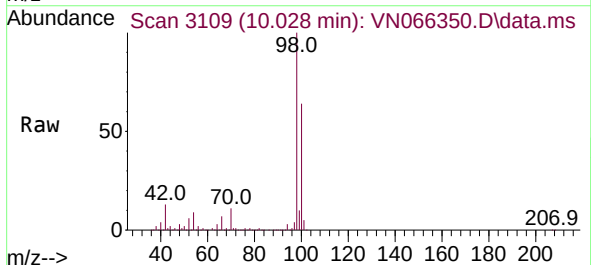
RT: 10.028 min Scan# 3109

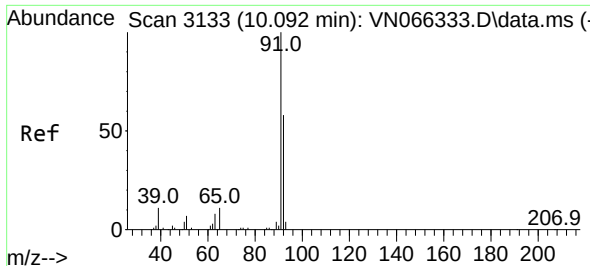
Delta R.T. -0.000 min

Lab File: VN066350.D

Acq: 26 Mar 2021 15:34

Tgt Ion:	98	Resp:	1076487
Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.5	75.7

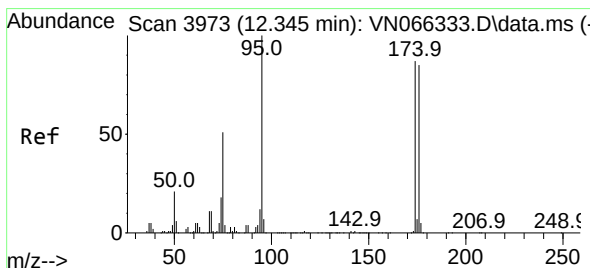
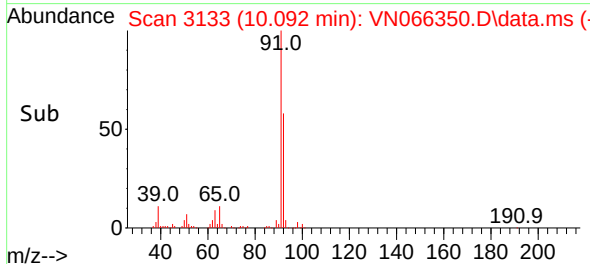
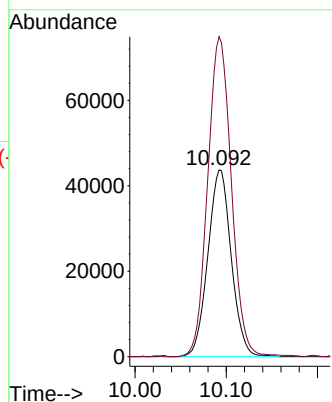
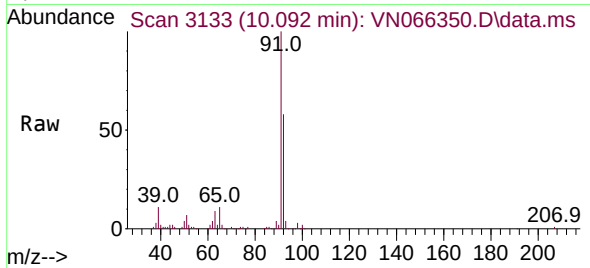




#52
Toluene
Concen: 5.91 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

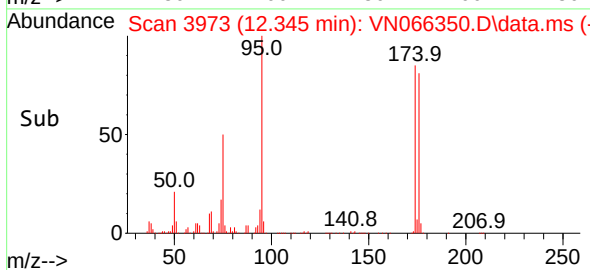
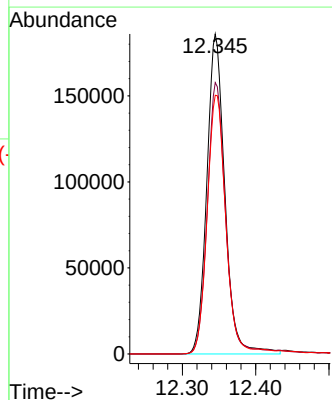
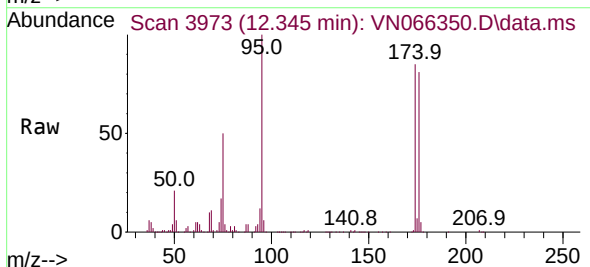
Instrument :
MSVOA_N
ClientSampleId :
EB-01-20210319

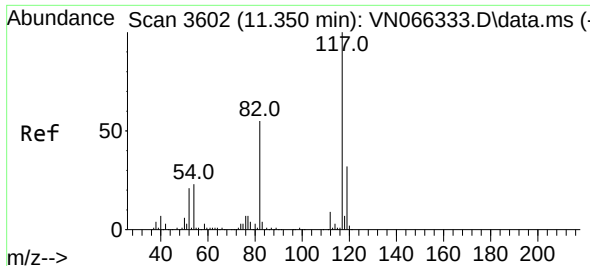
Tgt Ion: 92 Resp: 77907
Ion Ratio Lower Upper
92 100
91 173.9 138.8 208.2



#62
4-Bromofluorobenzene
Concen: 48.04 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

Tgt Ion: 95 Resp: 317663
Ion Ratio Lower Upper
95 100
174 85.3 0.0 172.2
176 82.5 0.0 167.8

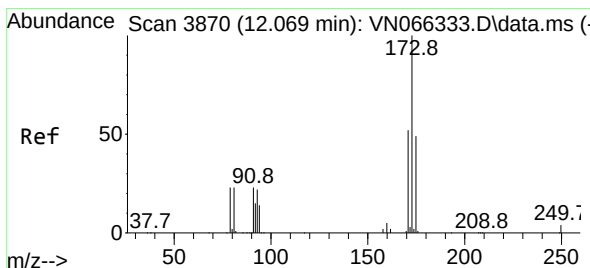
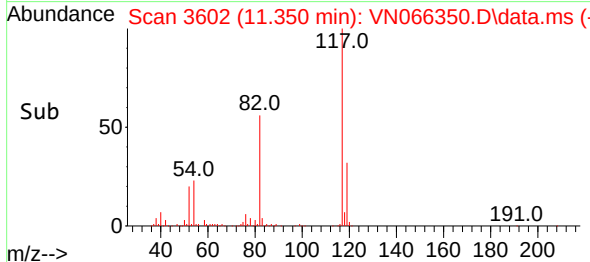
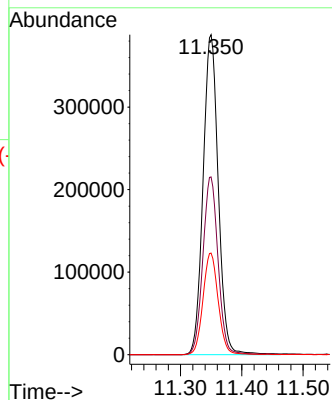
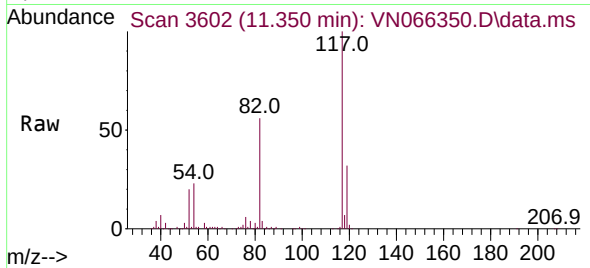




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

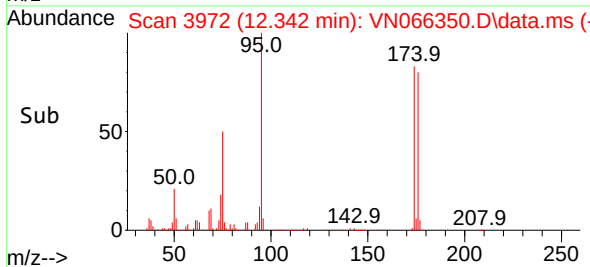
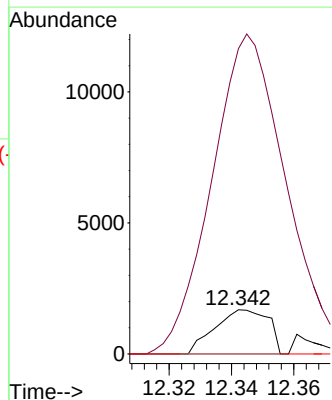
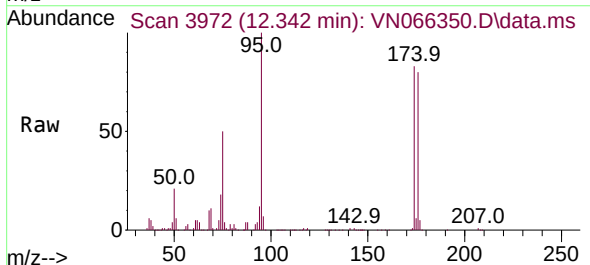
Instrument :
MSVOA_N
ClientSampleId :
EB-01-20210319

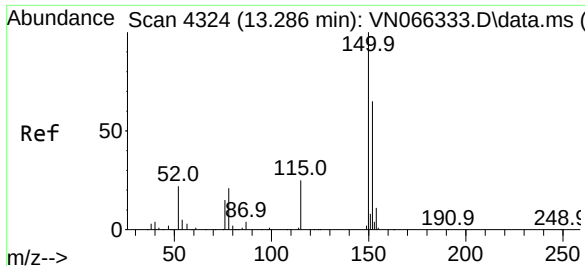
Tgt Ion:117 Resp: 668563
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.4
119 31.8 25.8 38.6



#71
Bromoform
Concen: 0.47 ug/l
RT: 12.342 min Scan# 3972
Delta R.T. 0.273 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

Tgt Ion:173 Resp: 2015
Ion Ratio Lower Upper
173 100
175 878.5 24.3 72.8#
254 0.0 0.0 0.0

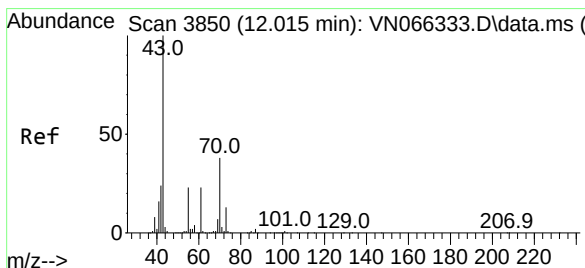
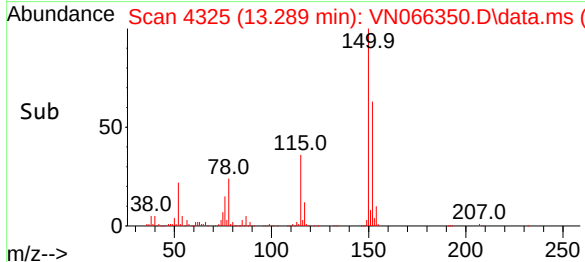
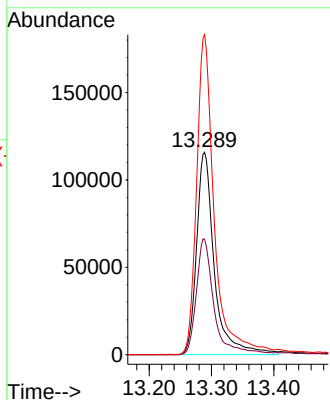
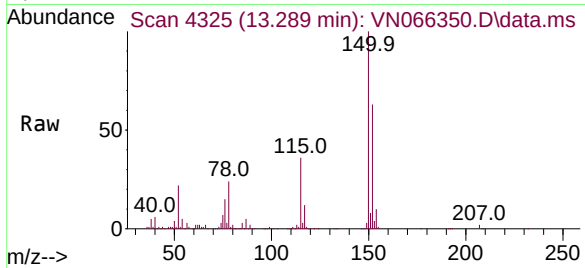




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

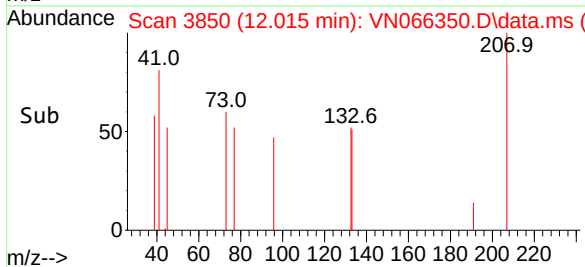
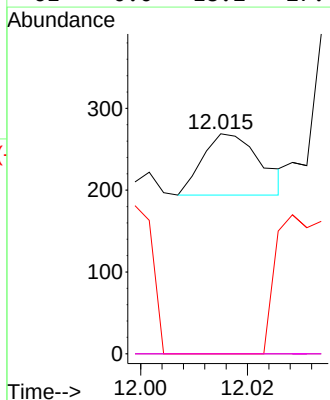
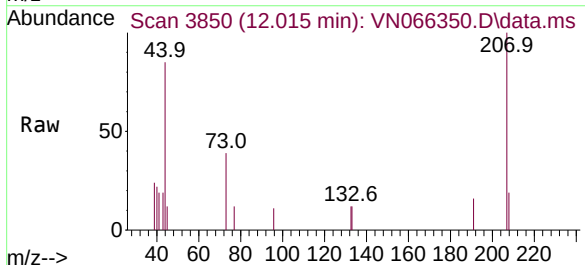
Instrument :
MSVOA_N
ClientSampleId :
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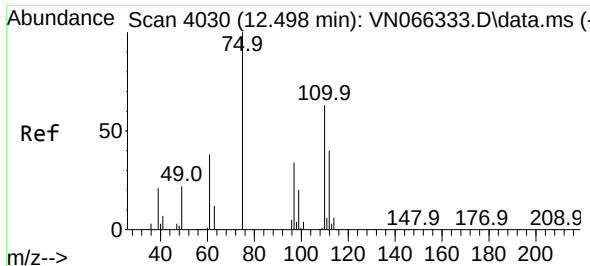
Tgt Ion:152 Resp: 230311
Ion Ratio Lower Upper
152 100
115 56.9 27.8 83.4
150 154.2 0.0 348.4



#74
N-ethyl acetate
Concen: 3.20 ug/l
RT: 12.015 min Scan# 3850
Delta R.T. 0.000 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
70 0.0 31.2 46.8#
55 146.4 18.6 28.0#
61 0.0 18.2 27.4#

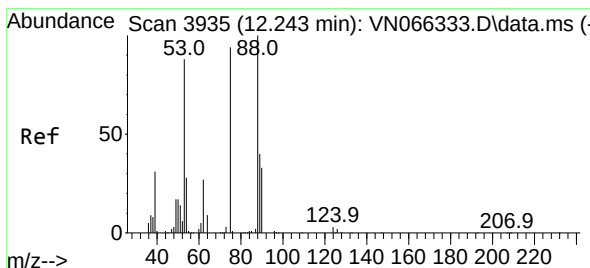
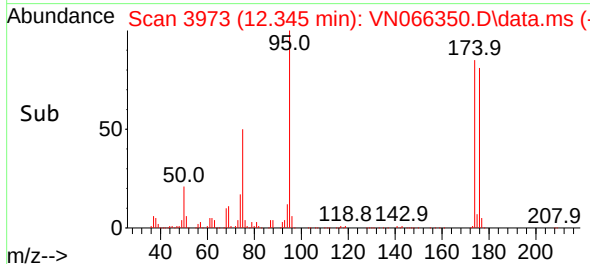
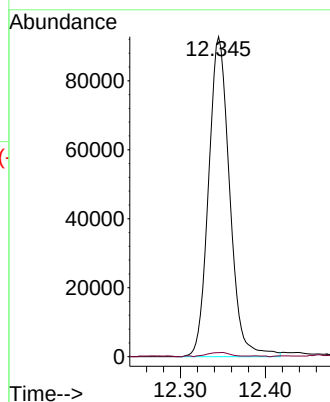
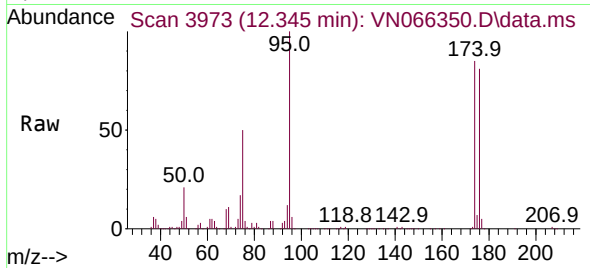




#76
1,2,3-Trichloropropane
Concen: 31.64 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

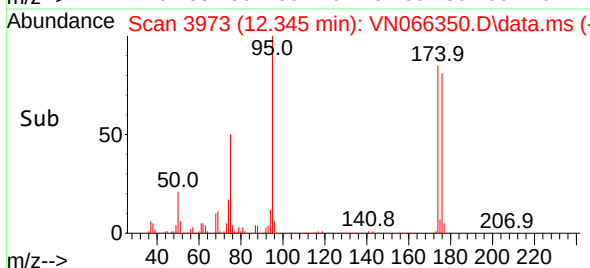
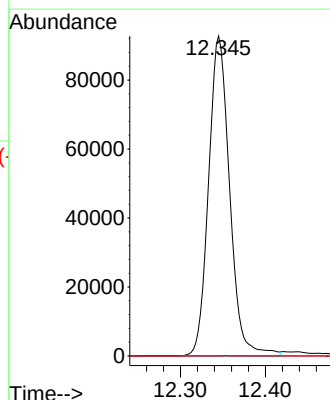
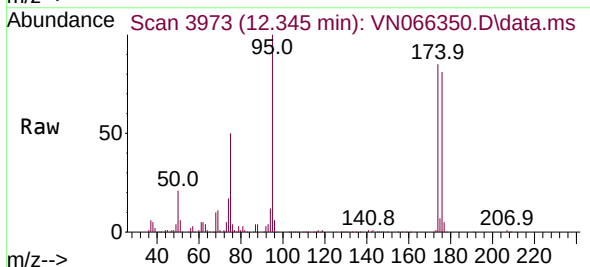
Instrument :
MSVOA_N
ClientSampleId :
EB-01-20210319

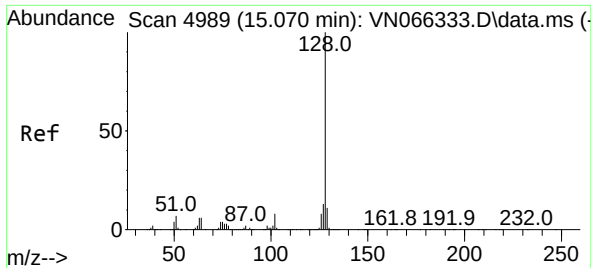
Tgt Ion: 75 Resp: 159911
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.16 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

Tgt Ion: 75 Resp: 159911
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 35.7 53.5#

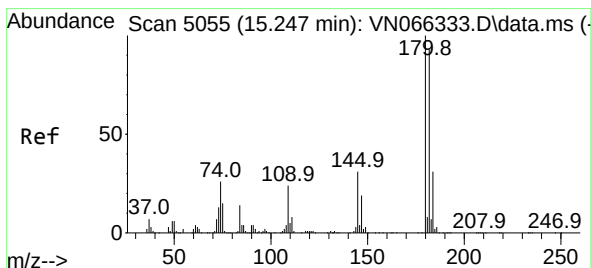
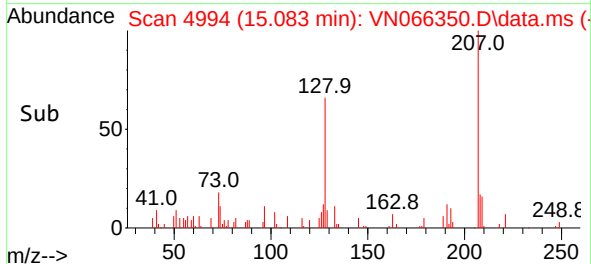
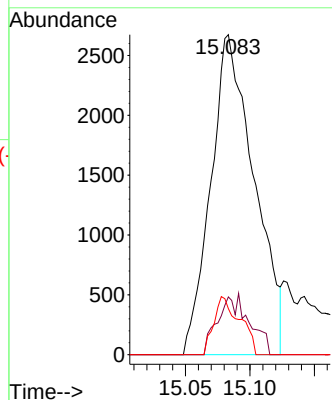
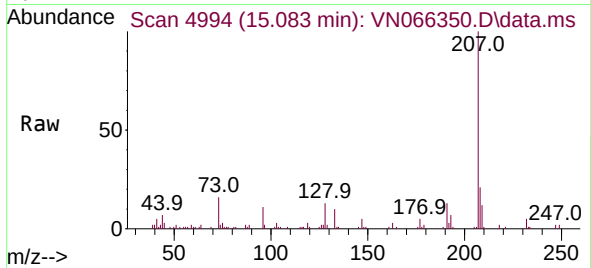




#95
Naphthalene
Concen: 1.52 ug/l
RT: 15.083 min Scan# 4994
Delta R.T. 0.013 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

Instrument :
MSVOA_N
ClientSampleId :
EB-01-20210319

Tgt Ion:128 Resp: 6259
Ion Ratio Lower Upper
128 100
127 7.5 10.5 15.7#
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 0.34 ug/l
RT: 15.260 min Scan# 5060
Delta R.T. 0.013 min
Lab File: VN066350.D
Acq: 26 Mar 2021 15:34

Tgt Ion:180 Resp: 1504
Ion Ratio Lower Upper
180 100
182 90.6 47.6 142.9
145 8.6 15.4 46.1#

