

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050521\
 Data File : VN066997.D
 Acq On : 5 May 2021 19:03
 Operator : JC/MD
 Sample : M2254-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 06 04:52:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

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

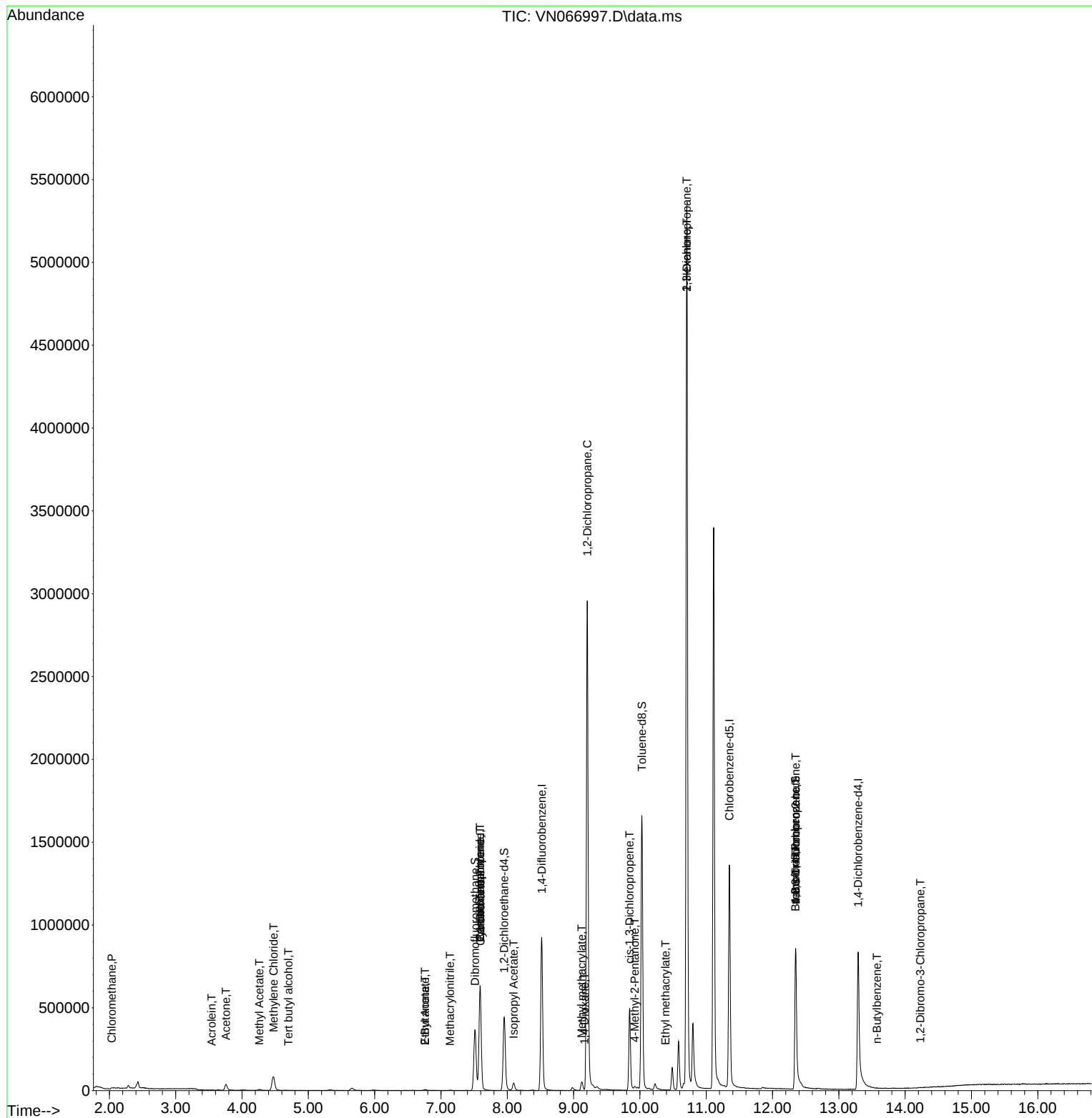
Internal Standards						
1) Pentafluorobenzene	7.592	168	472323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.520	114	806346	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	761427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.291	152	300196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	399600	53.75	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.50%			
35) Dibromofluoromethane	7.514	113	282849	51.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.32%			
50) Toluene-d8	10.030	98	1138156	54.58	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.16%			
62) 4-Bromofluorobenzene	12.347	95	359529	50.92	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.84%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.035	50	2236	0.24	ug/l #	86
11) Tert butyl alcohol	4.701	59	435	0.41	ug/l #	73
13) Acrolein	3.540	56	526	0.60	ug/l #	15
16) Acetone	3.757	43	62257	23.80	ug/l	95
18) Methyl Acetate	4.261	43	10612	1.42	ug/l #	78
20) Methylene Chloride	4.476	84	61237	9.23	ug/l	94
25) 2-Butanone	6.761	43	8407	2.18	ug/l	100
31) Cyclohexane	7.595	56	10581	1.01	ug/l #	1
36) 1,1-Dichloropropene	7.589	75	42191	5.02	ug/l #	49
37) Ethyl Acetate	6.761	43	8407	0.98	ug/l #	68
38) Carbon Tetrachloride	7.589	117	50719	5.79	ug/l #	16
41) Methacrylonitrile	7.136	41	896	0.24	ug/l #	100
43) Isopropyl Acetate	8.096	43	57054	4.11	ug/l #	88
45) 1,2-Dichloropropane	9.207	63	3872	0.53	ug/l #	44
48) Methyl methacrylate	9.121	41	13553	2.20	ug/l #	10
49) 1,4-Dioxane	9.164	88	27	0.28	ug/l #	26
51) 4-Methyl-2-Pentanone	9.923	43	14533	1.81	ug/l #	85
54) cis-1,3-Dichloropropene	9.845	75	93190	8.43	ug/l #	62
56) Ethyl methacrylate	10.387	69	316	5.22	ug/l #	27
57) 1,3-Dichloropropane	10.706	76	51643	4.74	ug/l #	43
59) 2-Hexanone	10.706	43	785248	146.98	ug/l #	50
71) Bromoform	12.345	173	915	0.20	ug/l #	29
76) 1,2,3-Trichloropropane	12.350	75	197671	27.64	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.350	75	197671	82.59	ug/l #	12
89) n-Butylbenzene	13.576	91	87	5.24	ug/l #	34
92) 1,2-Dibromo-3-Chloropr...	14.227	75	336	0.23	ug/l #	1

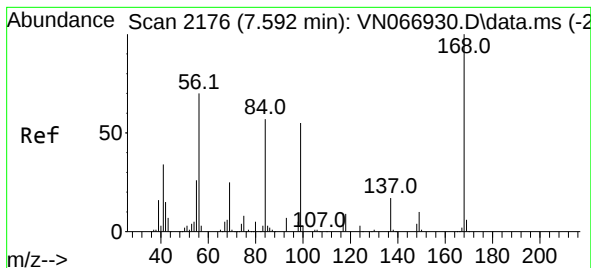
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050521\
Data File : VN066997.D
Acq On : 5 May 2021 19:03
Operator : JC/MD
Sample : M2254-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 06 04:52:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
Quant Title : SW846 8260
QLast Update : Wed May 05 07:24:52 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.592 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VN066997.D

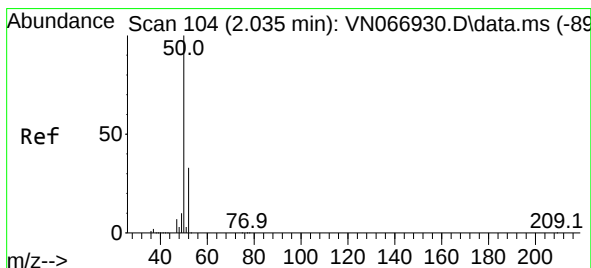
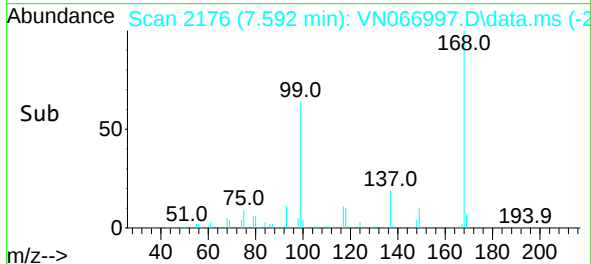
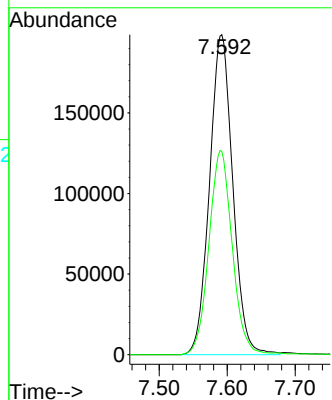
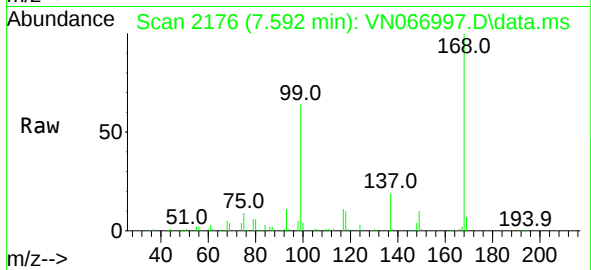
Acq: 5 May 2021 19:03

Tgt Ion:168 Resp: 472323

Ion Ratio Lower Upper

168 100

99 63.6 42.6 63.8



#3

Chloromethane

Concen: 0.24 ug/l

RT: 2.035 min Scan# 104

Delta R.T. 0.000 min

Lab File: VN066997.D

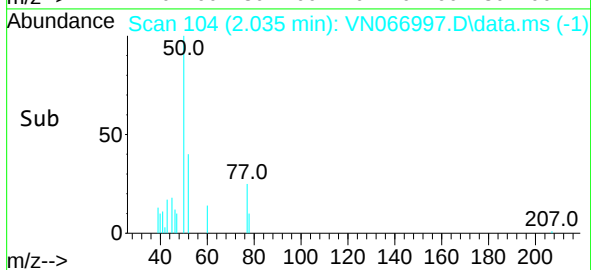
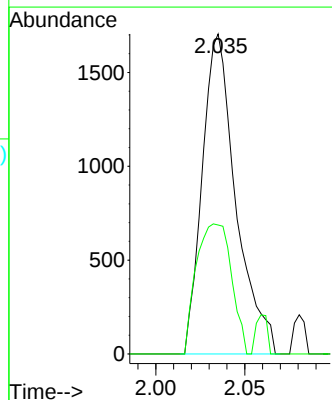
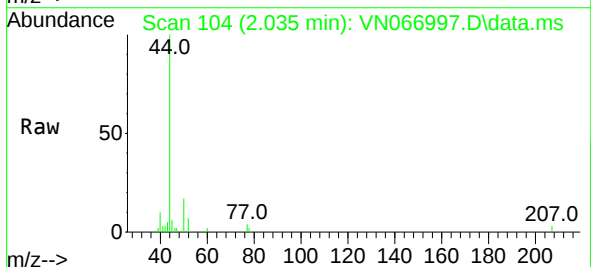
Acq: 5 May 2021 19:03

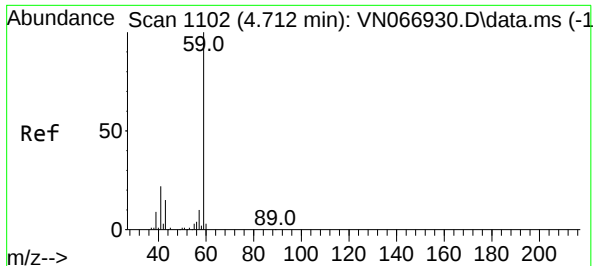
Tgt Ion: 50 Resp: 2236

Ion Ratio Lower Upper

50 100

52 40.3 25.8 38.8#



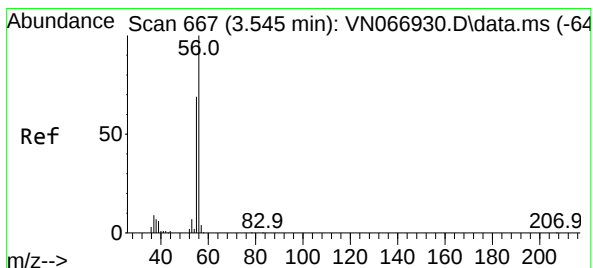
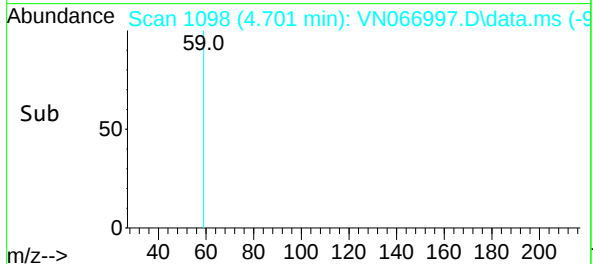
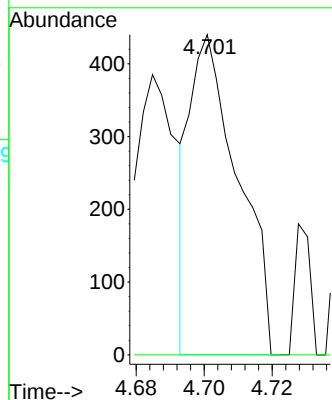
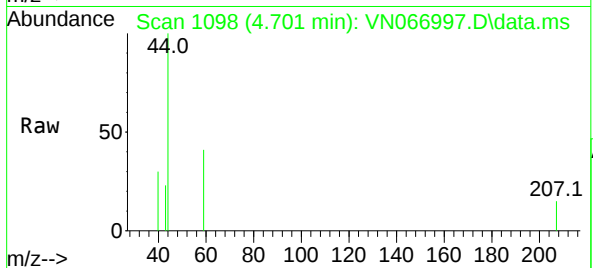


#11

Tert butyl alcohol
Concen: 0.41 ug/l
RT: 4.701 min Scan# 1098
Delta R.T. -0.011 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

Instrument :
MSVOA_N
ClientSampled :

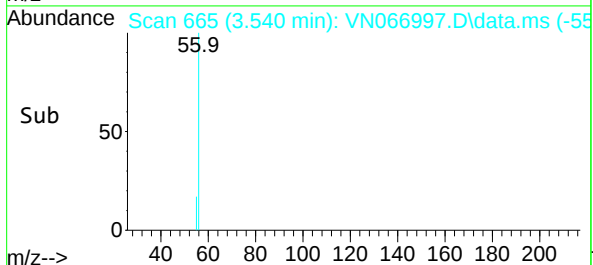
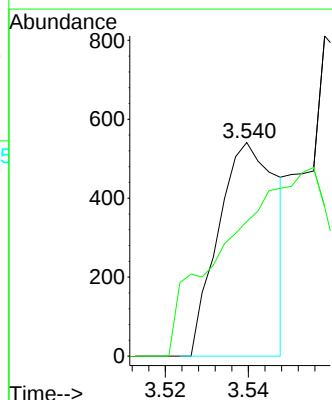
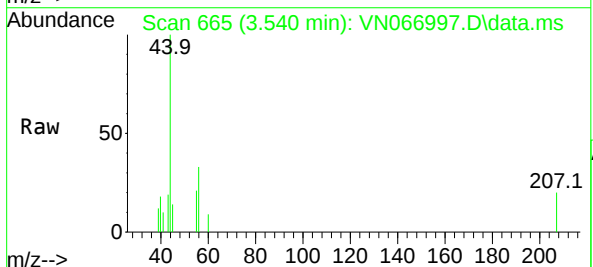
Tgt Ion: 59 Resp: 435
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

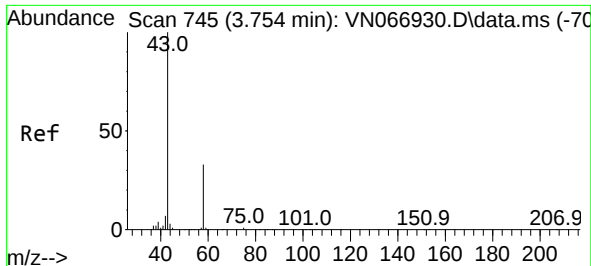


#13

Acrolein
Concen: 0.60 ug/l
RT: 3.540 min Scan# 665
Delta R.T. -0.005 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

Tgt Ion: 56 Resp: 526
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#

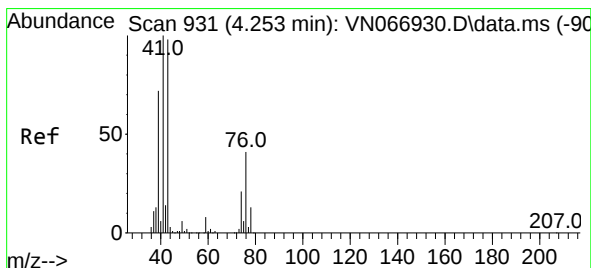
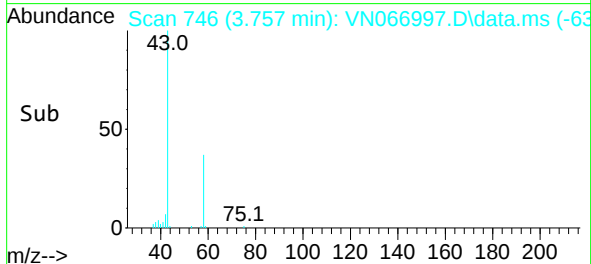
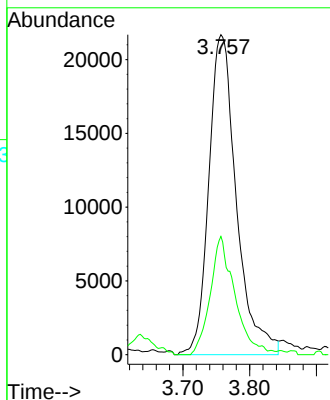
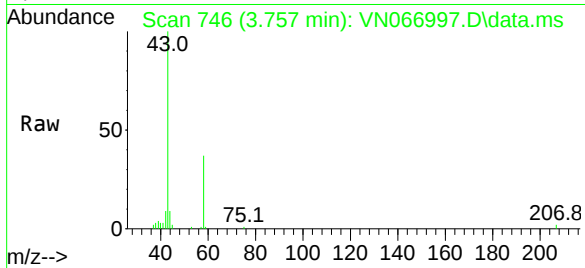




#16
Acetone
Concen: 23.80 ug/l
RT: 3.757 min Scan# 746
Delta R.T. 0.003 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

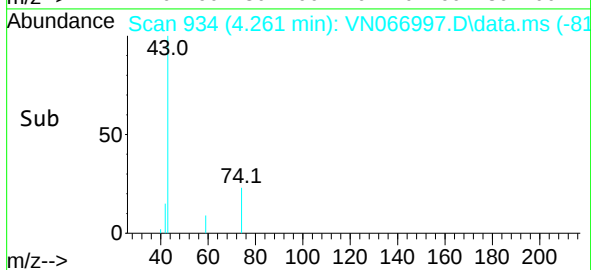
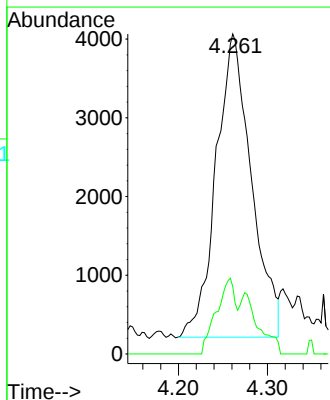
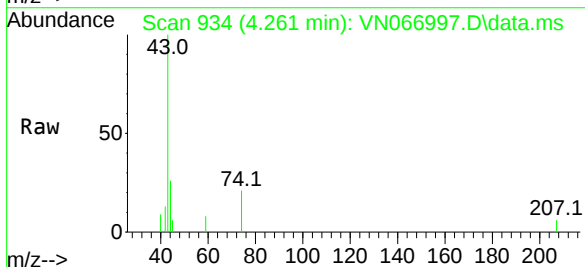
Instrument :
MSVOA_N
ClientSampled :

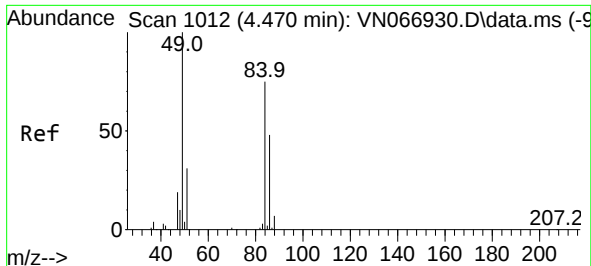
Tgt Ion: 43 Resp: 62257
Ion Ratio Lower Upper
43 100
58 36.9 27.0 40.6



#18
Methyl Acetate
Concen: 1.42 ug/l
RT: 4.261 min Scan# 934
Delta R.T. 0.008 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

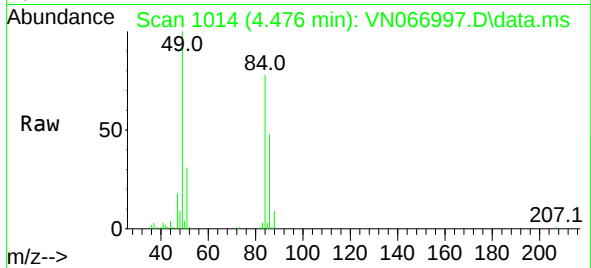
Tgt Ion: 43 Resp: 10612
Ion Ratio Lower Upper
43 100
74 13.5 19.5 29.3#



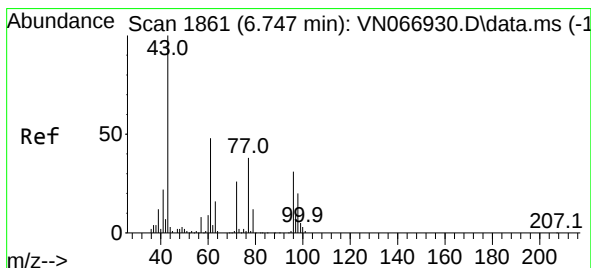
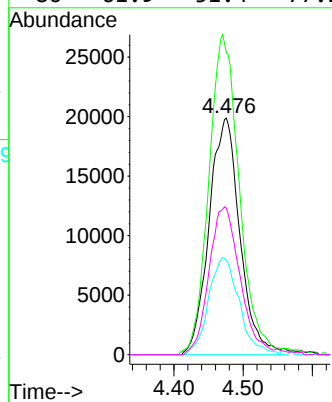
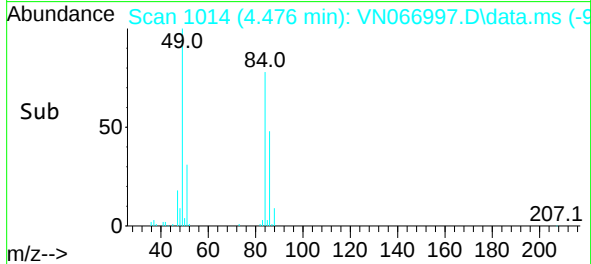


#20
Methylene Chloride
Concen: 9.23 ug/l
RT: 4.476 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

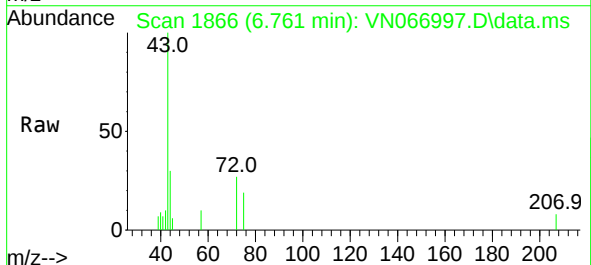
Instrument :
MSVOA_N
ClientSampled :



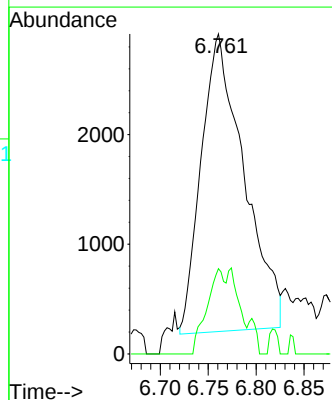
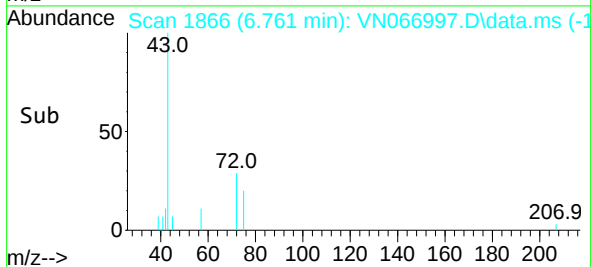
Tgt Ion:	84	Resp:	61237
Ion	Ratio	Lower	Upper
84	100		
49	127.0	94.6	141.8
51	39.7	29.9	44.9
86	61.9	51.4	77.2

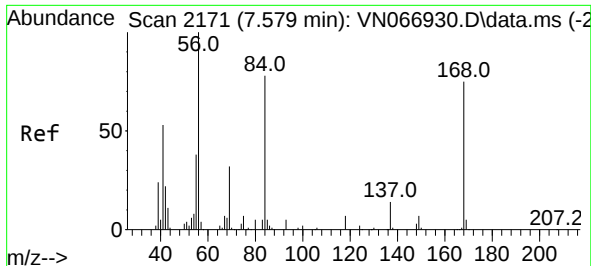


#25
2-Butanone
Concen: 2.18 ug/l
RT: 6.761 min Scan# 1866
Delta R.T. 0.014 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03



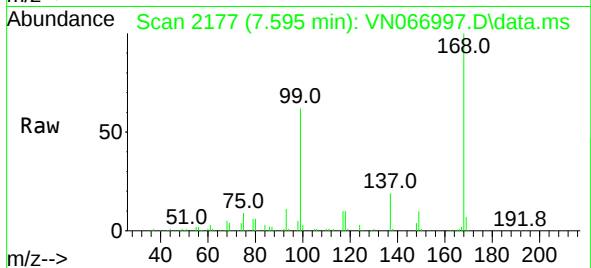
Tgt Ion:	43	Resp:	8407
Ion	Ratio	Lower	Upper
43	100		
72	29.1	23.1	34.7



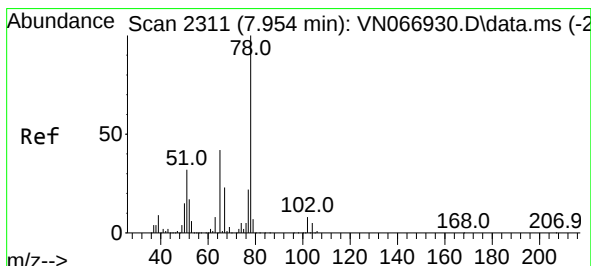
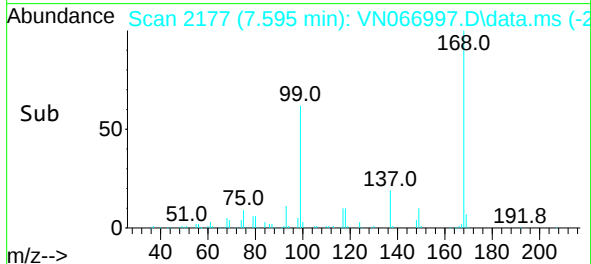
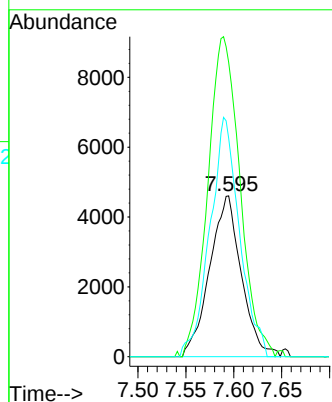


#31
Cyclohexane
Concen: 1.01 ug/l
RT: 7.595 min Scan# 2177
Delta R.T. 0.016 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

Instrument :
MSVOA_N
ClientSampled :

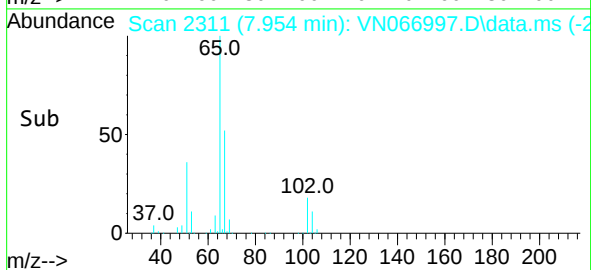
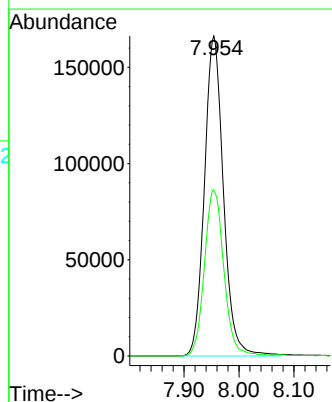
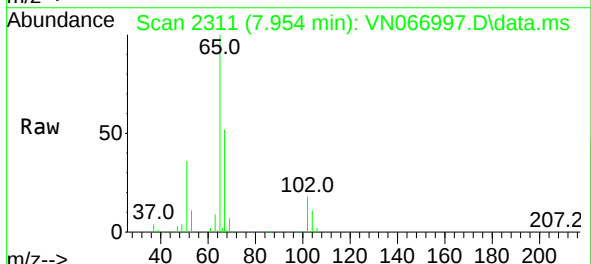


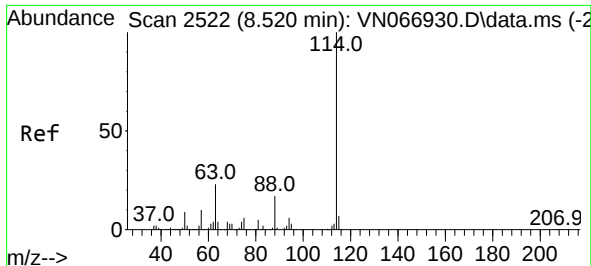
Tgt Ion: 56 Resp: 10581
Ion Ratio Lower Upper
56 100
69 183.0 26.6 39.8#
84 135.9 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 53.75 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

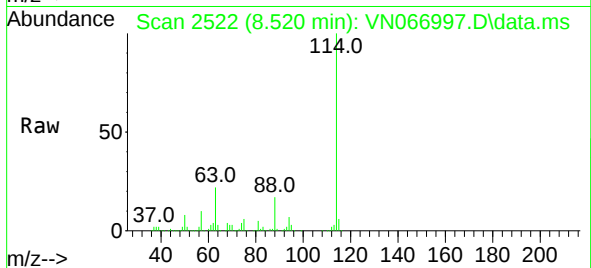
Tgt Ion: 65 Resp: 399600
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.2



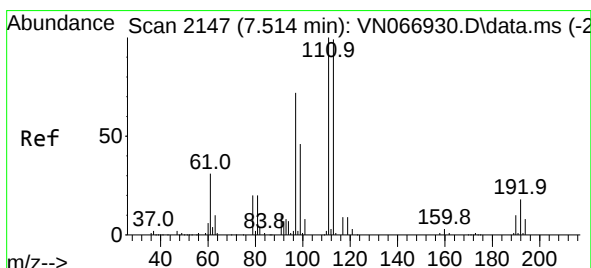
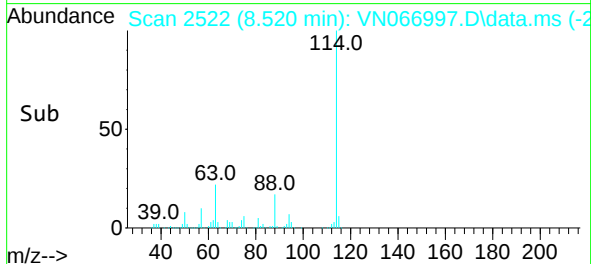
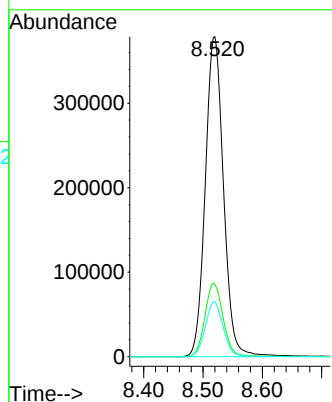


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

Instrument :
MSVOA_N
ClientSampled :

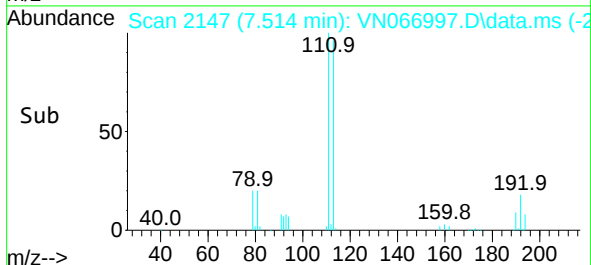
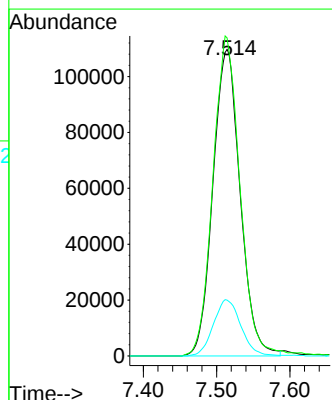
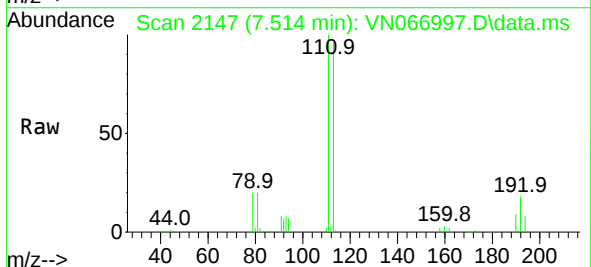


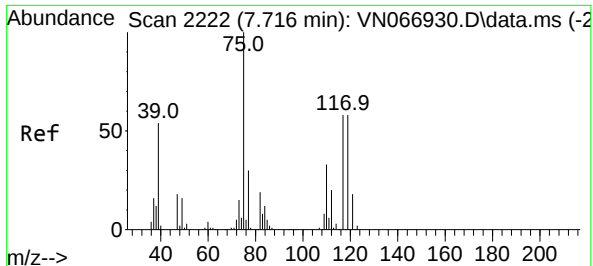
Tgt Ion:114 Resp: 806346
Ion Ratio Lower Upper
114 100
63 22.5 0.0 38.6
88 17.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.66 ug/l
RT: 7.514 min Scan# 2147
Delta R.T. 0.000 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

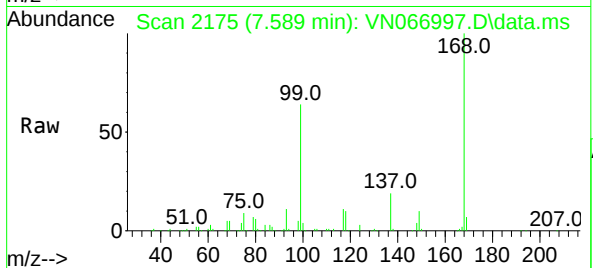
Tgt Ion:113 Resp: 282849
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 18.6 15.4 23.0



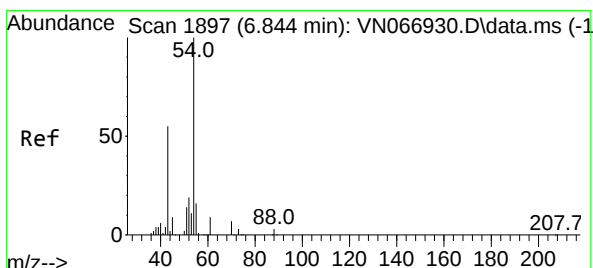
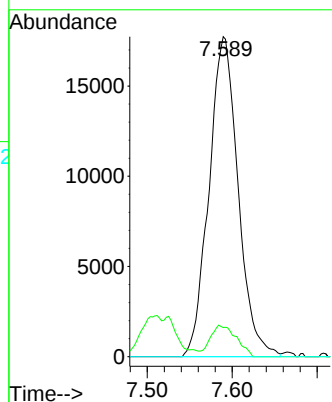
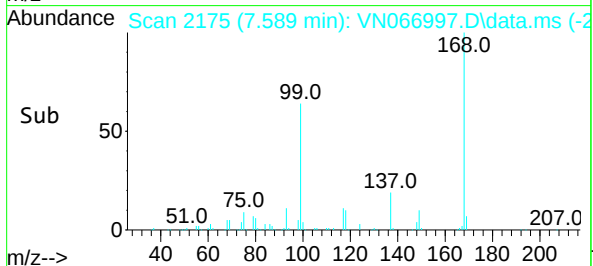


#36
1,1-Dichloropropene
Concen: 5.02 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.127 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

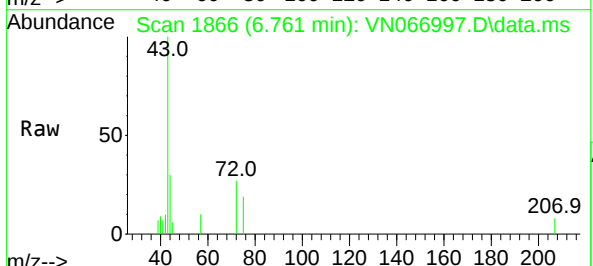
Instrument :
MSVOA_N
ClientSampled :



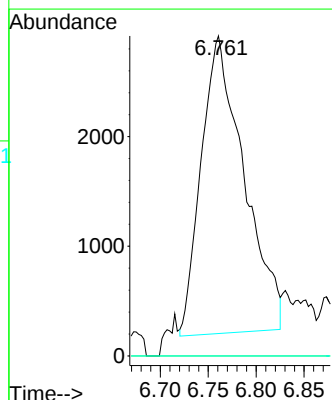
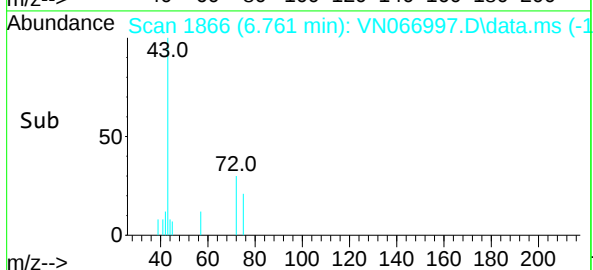
Tgt Ion: 75 Resp: 42191
Ion Ratio Lower Upper
75 100
110 8.8 18.2 54.6#
77 0.0 24.9 37.3#

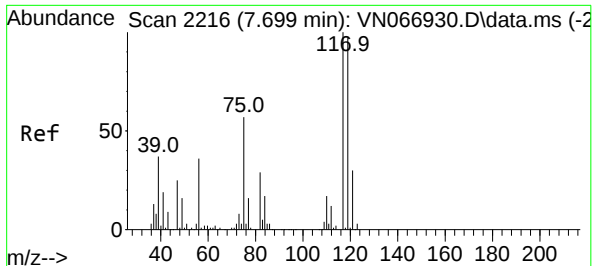


#37
Ethyl Acetate
Concen: 0.98 ug/l
RT: 6.761 min Scan# 1866
Delta R.T. -0.083 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03



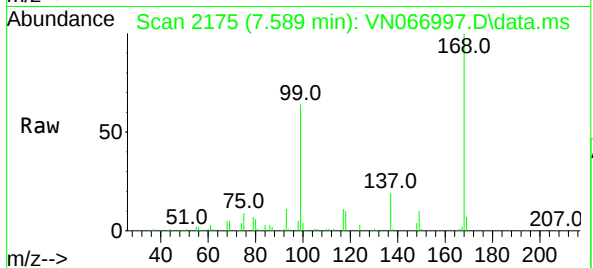
Tgt Ion: 43 Resp: 8407
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



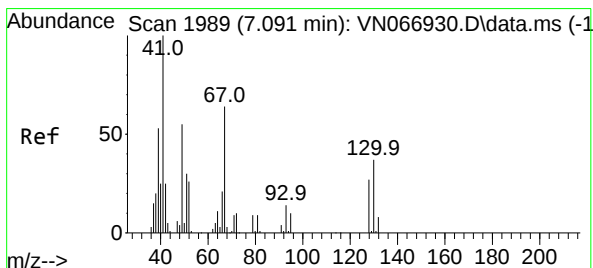
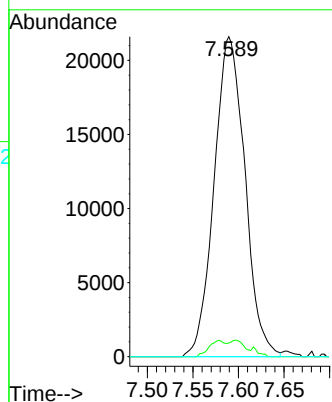
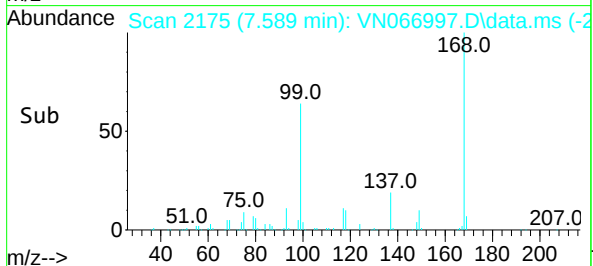


#38
Carbon Tetrachloride
Concen: 5.79 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.110 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

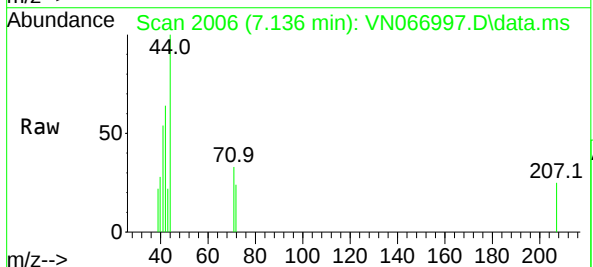
Instrument :
MSVOA_N
ClientSampleId :



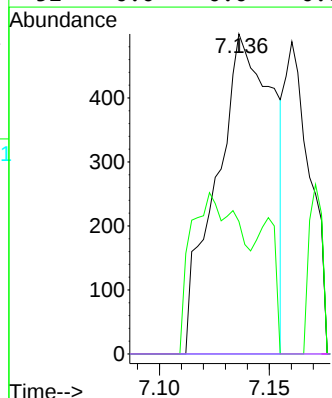
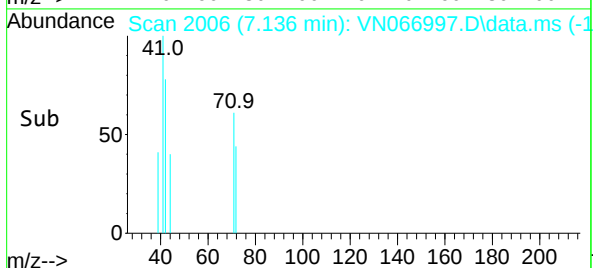
Tgt Ion: 117 Resp: 50719
Ion Ratio Lower Upper
117 100
119 4.2 76.0 114.0#
121 0.0 24.5 36.7#

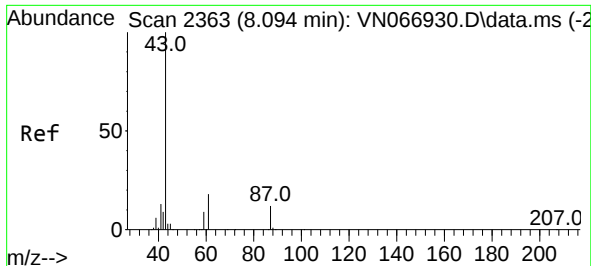


#41
Methacrylonitrile
Concen: 0.24 ug/l
RT: 7.136 min Scan# 2006
Delta R.T. 0.045 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03



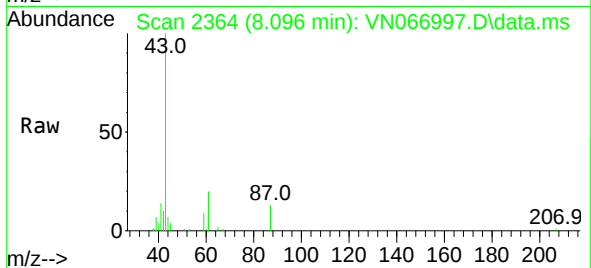
Tgt Ion: 41 Resp: 896
Ion Ratio Lower Upper
41 100
39 44.3 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



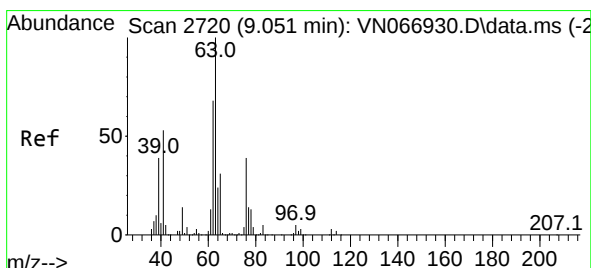
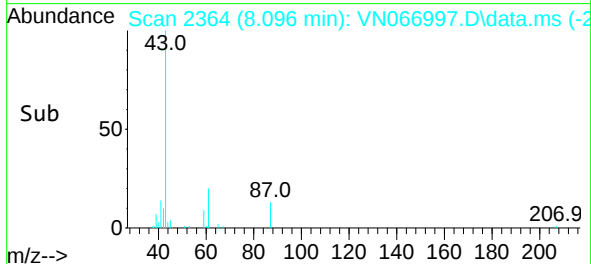
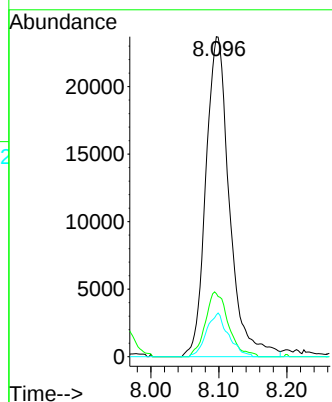


#43
Isopropyl Acetate
Concen: 4.11 ug/l
RT: 8.096 min Scan# 2364
Delta R.T. 0.002 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

Instrument :
MSVOA_N
ClientSampled :

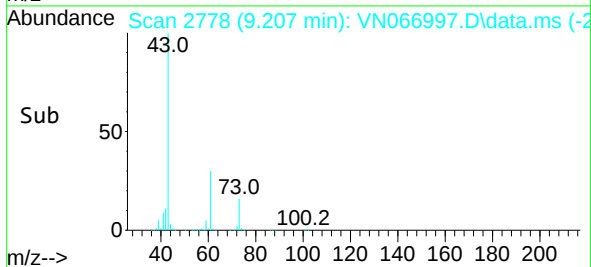
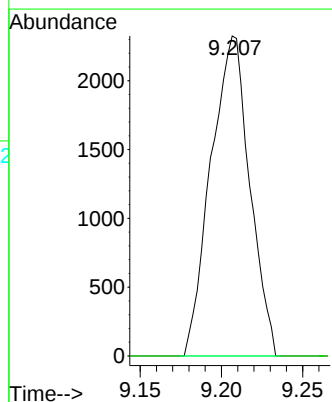
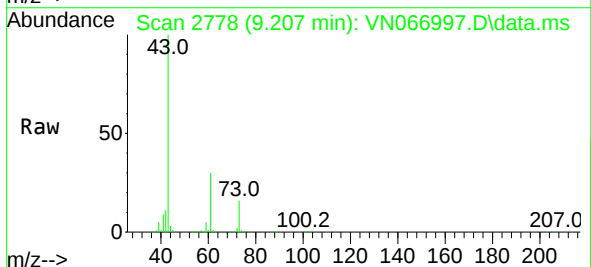


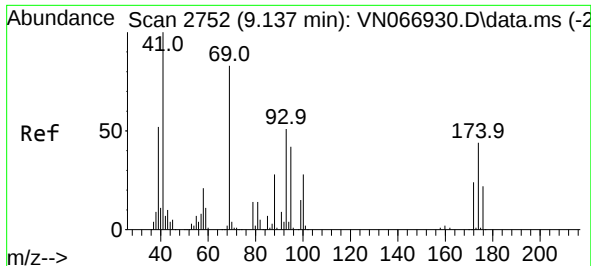
Tgt Ion: 43 Resp: 57054
Ion Ratio Lower Upper
43 100
61 19.7 22.5 33.7#
87 12.7 11.1 16.7



#45
1,2-Dichloropropane
Concen: 0.53 ug/l
RT: 9.207 min Scan# 2778
Delta R.T. 0.156 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

Tgt Ion: 63 Resp: 3872
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#





#48

Methyl methacrylate

Concen: 2.20 ug/l

RT: 9.121 min Scan# 2746

Delta R.T. -0.016 min

Lab File: VN066997.D

Acq: 5 May 2021 19:03

Tgt Ion: 41 Resp: 13553

Ion Ratio Lower Upper

41 100

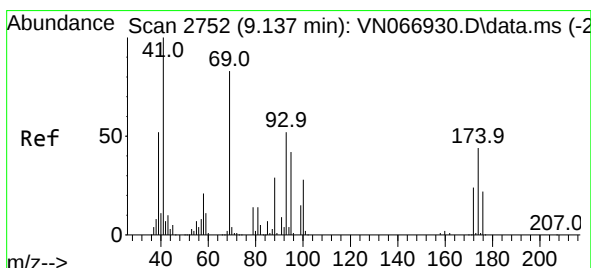
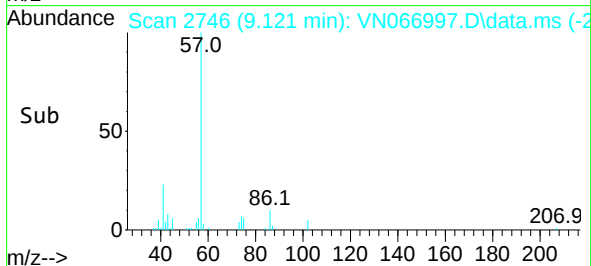
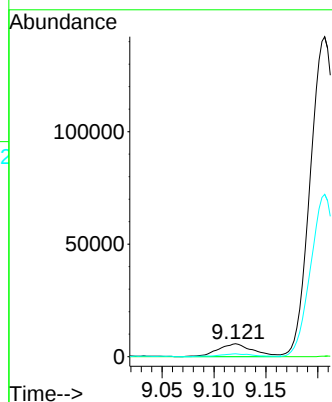
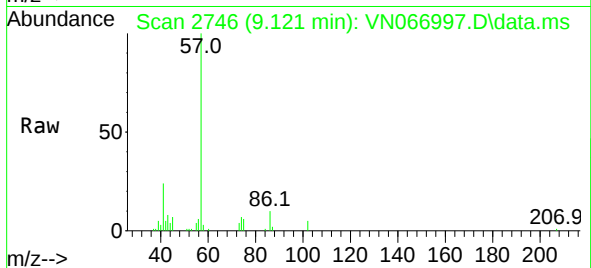
69 0.0 75.9 113.9#

39 0.0 46.6 69.8#

Instrument :

MSVOA_N

ClientSampled :



#49

1,4-Dioxane

Concen: 0.28 ug/l

RT: 9.164 min Scan# 2762

Delta R.T. 0.027 min

Lab File: VN066997.D

Acq: 5 May 2021 19:03

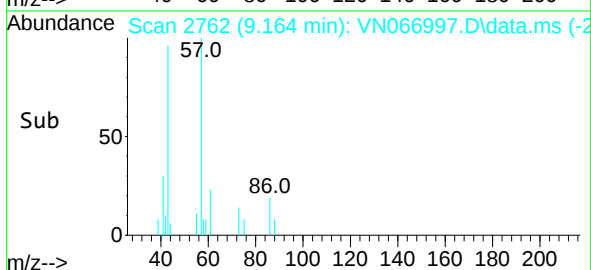
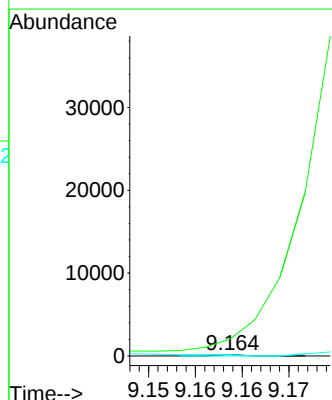
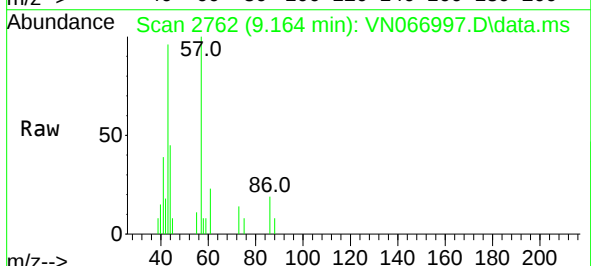
Tgt Ion: 88 Resp: 27

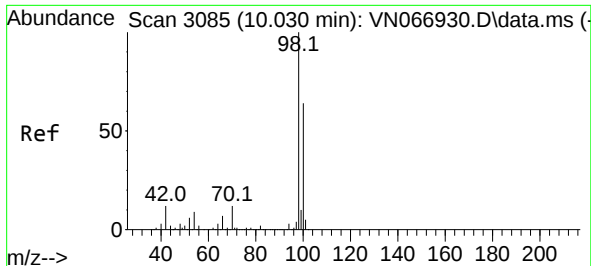
Ion Ratio Lower Upper

88 100

43 0.0 24.7 37.1#

58 0.0 52.6 78.8#

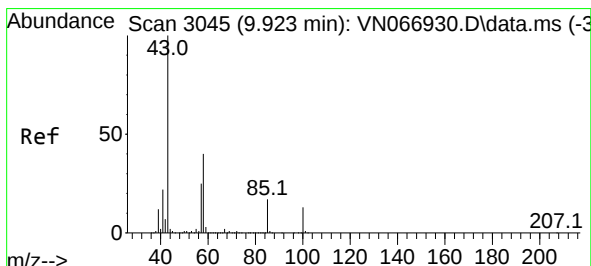
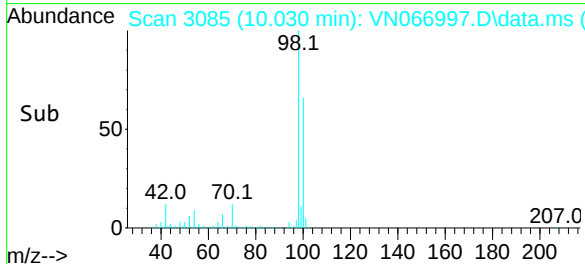
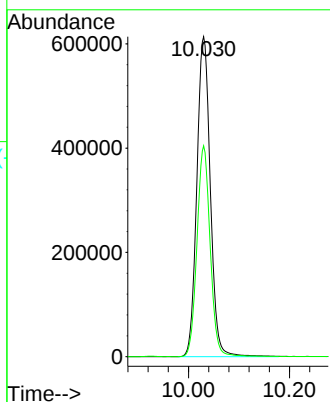
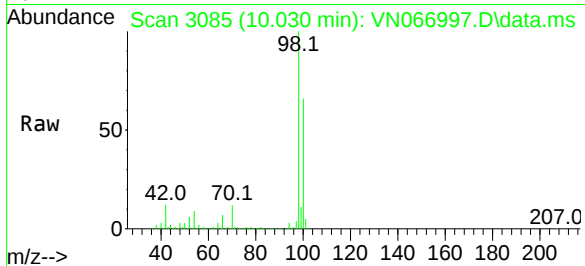




#50
Toluene-d8
Concen: 54.58 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. -0.000 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

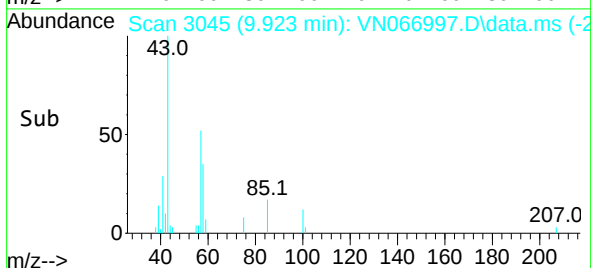
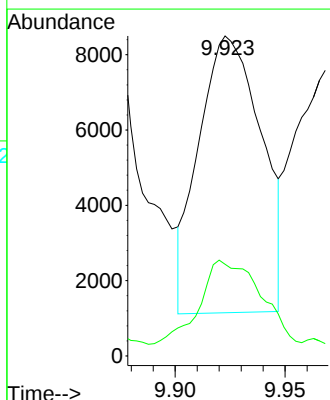
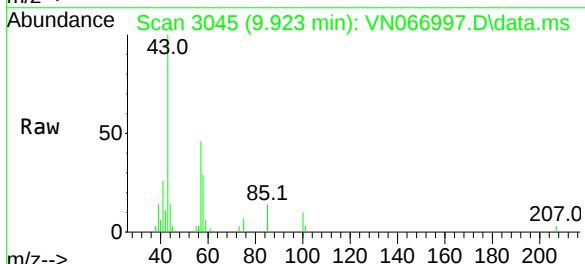
Instrument :
MSVOA_N
ClientSampleId :

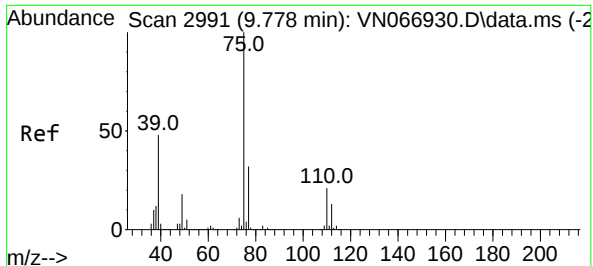
Tgt Ion: 98 Resp: 1138156
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.81 ug/l
RT: 9.923 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

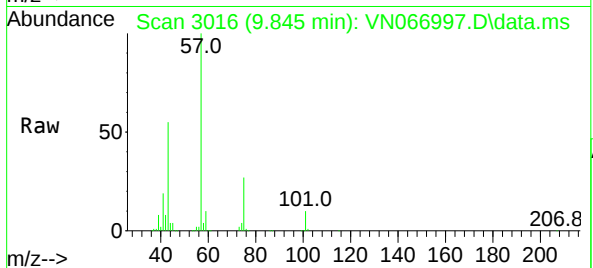
Tgt Ion: 43 Resp: 14533
Ion Ratio Lower Upper
43 100
58 31.2 32.5 48.7#



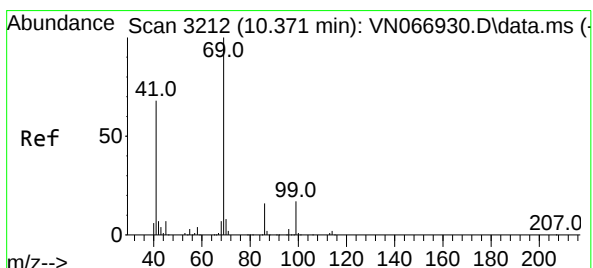
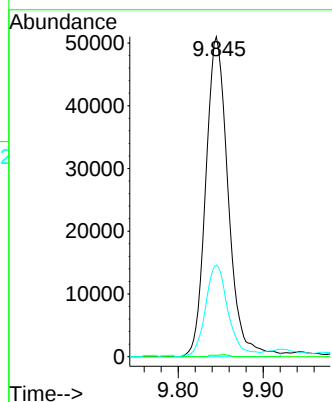
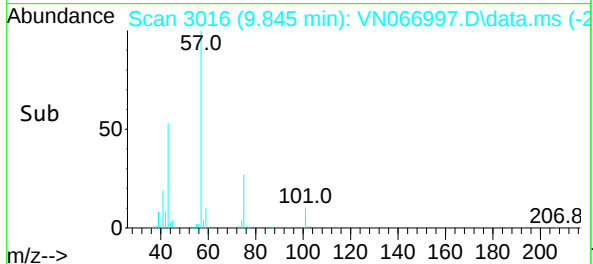


#54
cis-1,3-Dichloropropene
Concen: 8.43 ug/l
RT: 9.845 min Scan# 3016
Delta R.T. 0.067 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

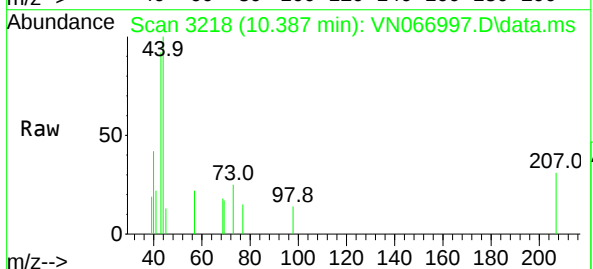
Instrument :
MSVOA_N
ClientSampled :



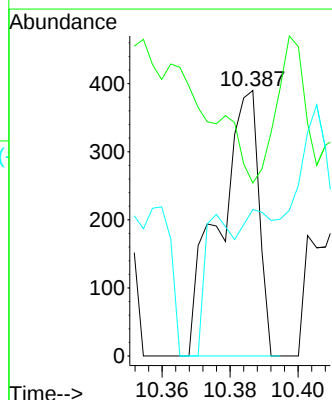
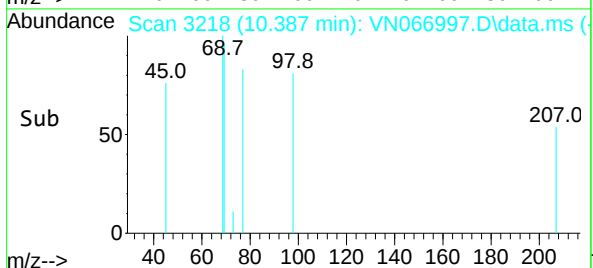
Tgt Ion: 75 Resp: 93190
Ion Ratio Lower Upper
75 100
77 0.4 24.9 37.3#
39 28.7 36.2 54.4#

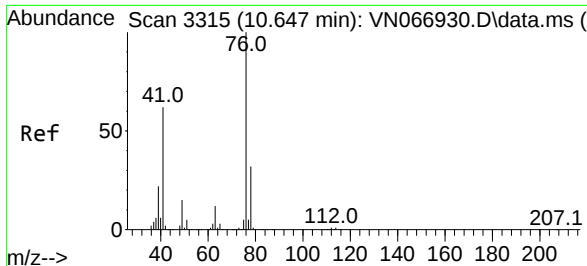


#56
Ethyl methacrylate
Concen: 5.22 ug/l
RT: 10.387 min Scan# 3218
Delta R.T. 0.016 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03



Tgt Ion: 69 Resp: 316
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#

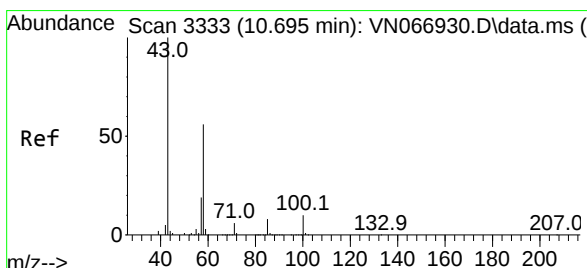
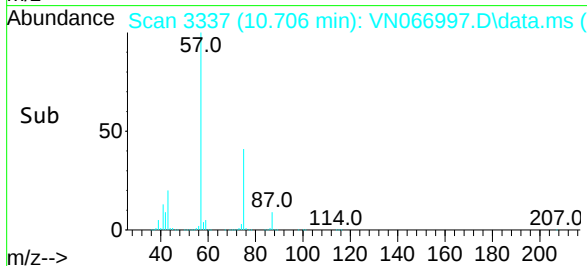
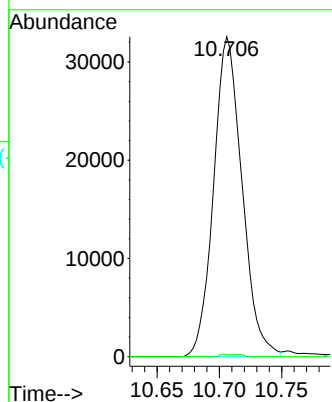
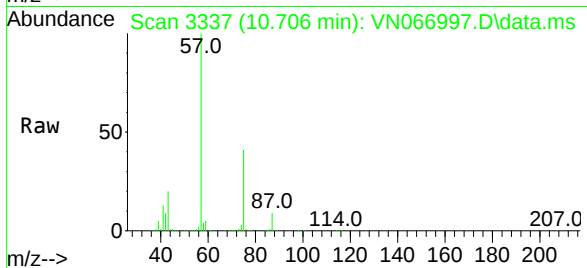




#57
1,3-Dichloropropane
Concen: 4.74 ug/l
RT: 10.706 min Scan# 3337
Delta R.T. 0.059 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

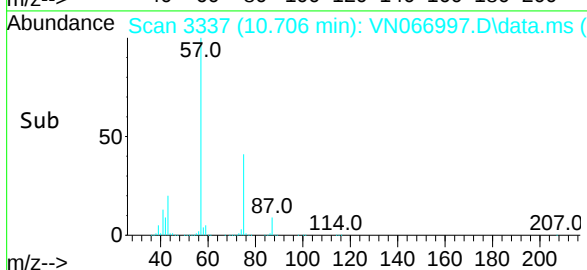
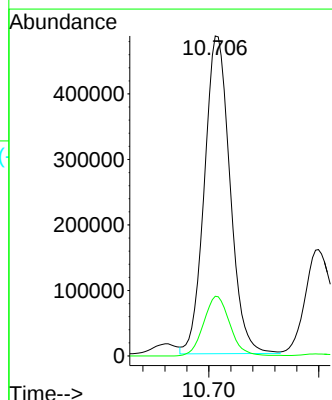
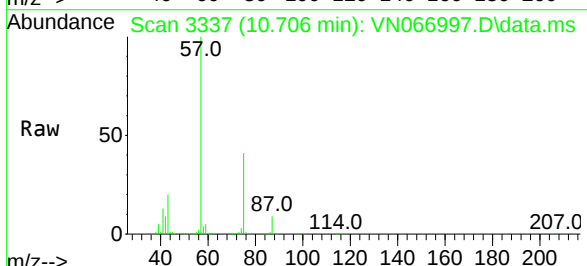
Instrument :
MSVOA_N
ClientSampled :

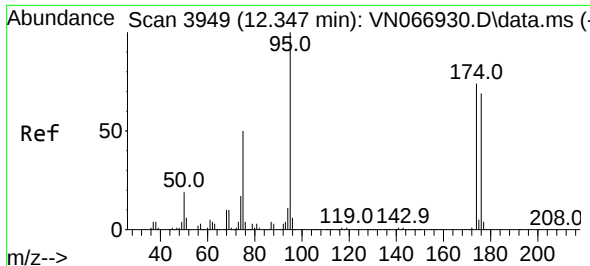
Tgt Ion: 76 Resp: 51643
Ion Ratio Lower Upper
76 100
78 0.3 25.7 38.5#



#59
2-Hexanone
Concen: 146.98 ug/l
RT: 10.706 min Scan# 3337
Delta R.T. 0.011 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

Tgt Ion: 43 Resp: 785248
Ion Ratio Lower Upper
43 100
58 19.4 28.1 84.3#

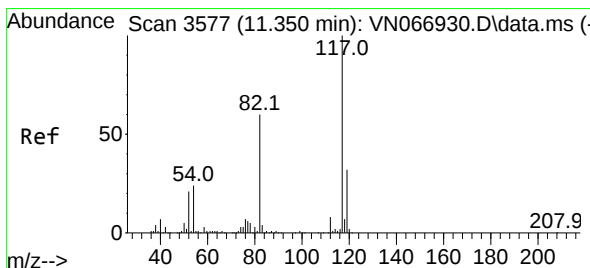
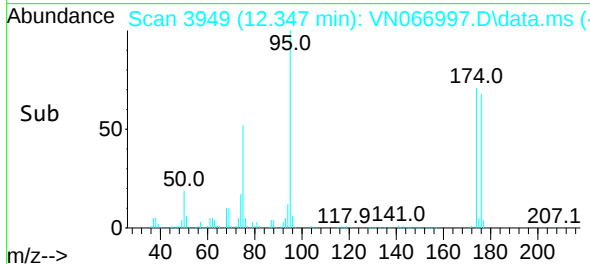
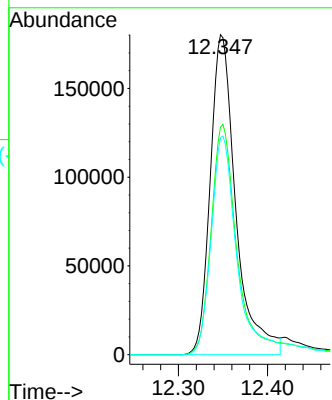
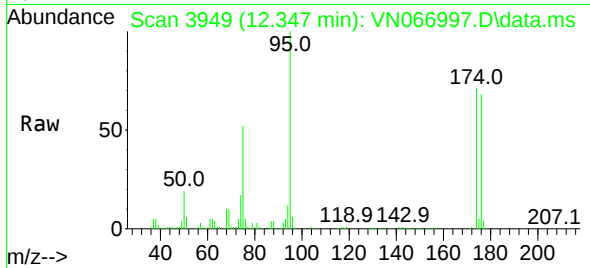




#62
4-Bromofluorobenzene
Concen: 50.92 ug/l
RT: 12.347 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

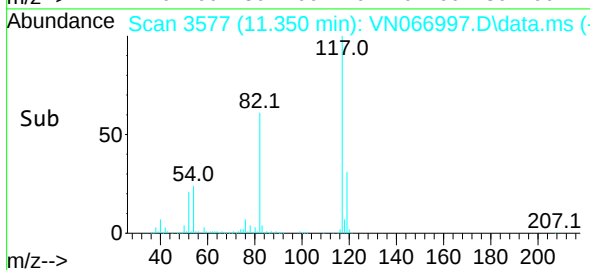
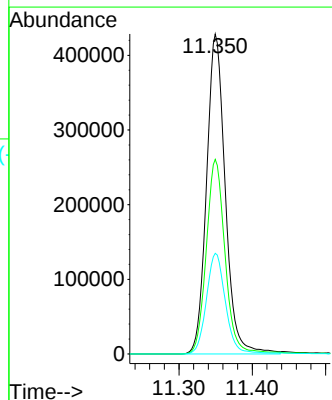
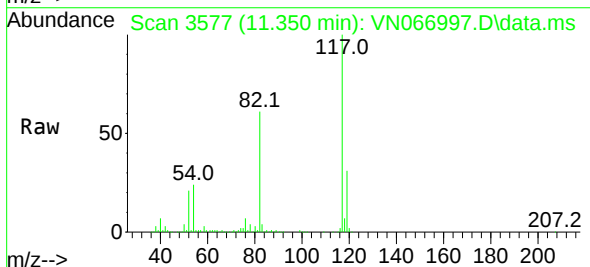
Instrument :
MSVOA_N
ClientSampleId :

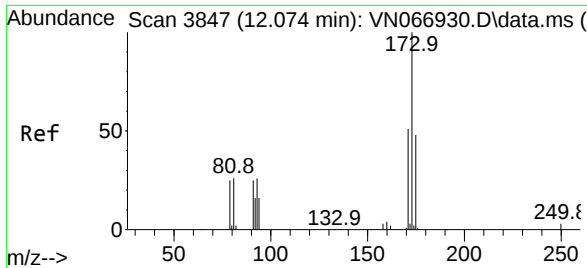
Tgt Ion: 95 Resp: 359529
Ion Ratio Lower Upper
95 100
174 76.1 0.0 169.0
176 68.7 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

Tgt Ion: 117 Resp: 761427
Ion Ratio Lower Upper
117 100
82 60.8 43.7 65.5
119 31.4 26.1 39.1

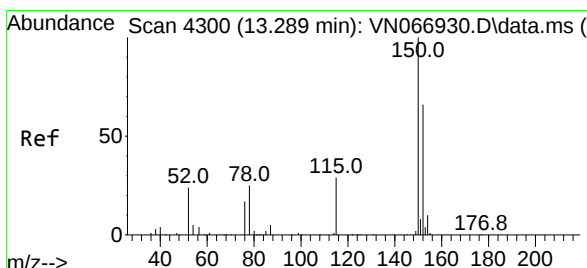
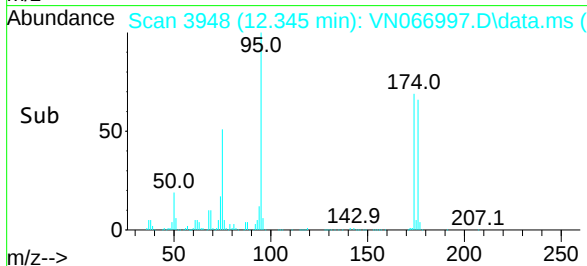
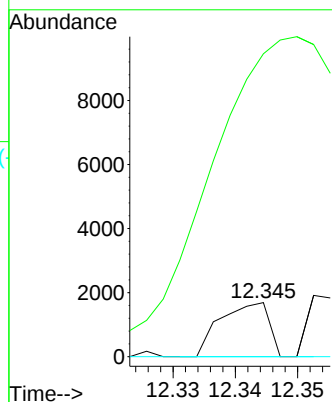
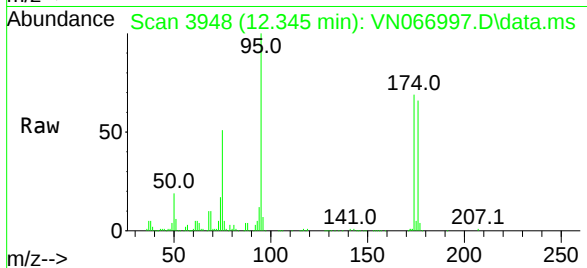




#71
Bromoform
Concen: 0.20 ug/l
RT: 12.345 min Scan# 3948
Delta R.T. 0.271 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

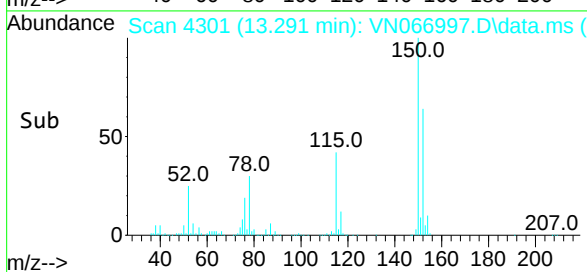
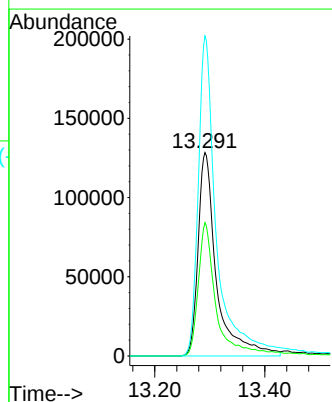
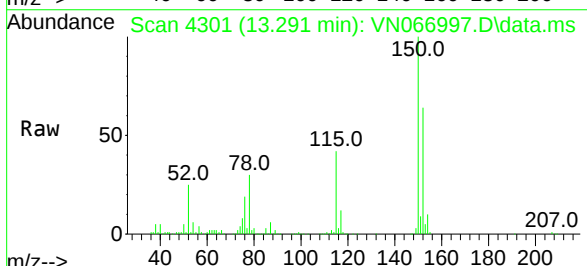
Instrument :
MSVOA_N
ClientSampled :

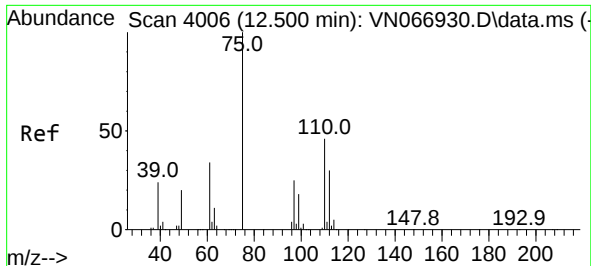
Tgt Ion:173 Resp: 915
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.291 min Scan# 4301
Delta R.T. 0.002 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

Tgt Ion:152 Resp: 300196
Ion Ratio Lower Upper
152 100
115 62.1 28.5 85.6
150 159.1 0.0 347.6

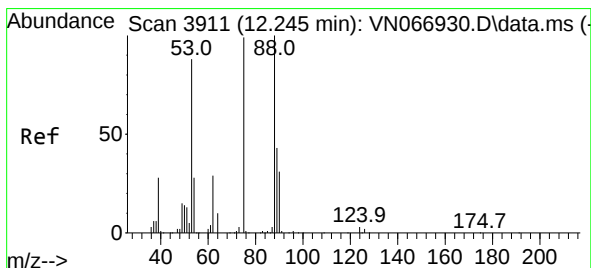
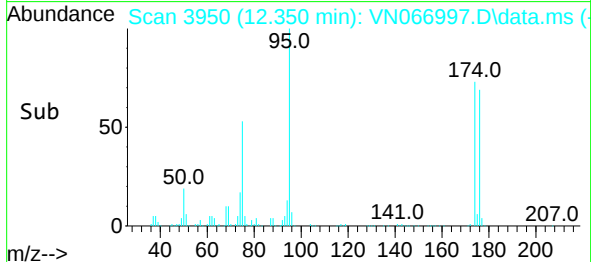
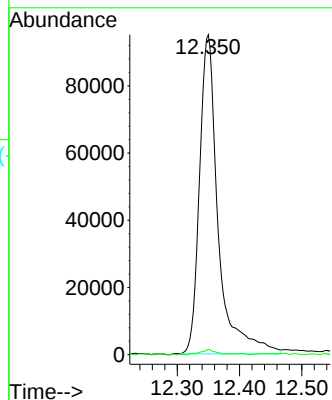
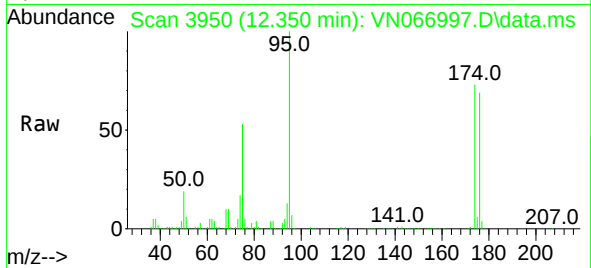




#76
1,2,3-Trichloropropane
Concen: 27.64 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. -0.150 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

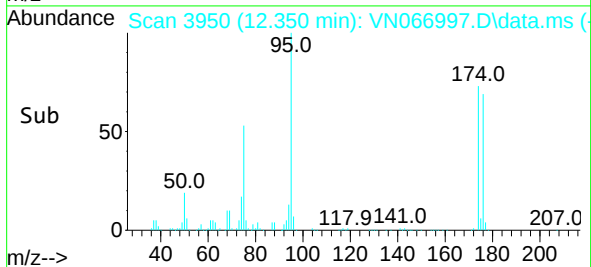
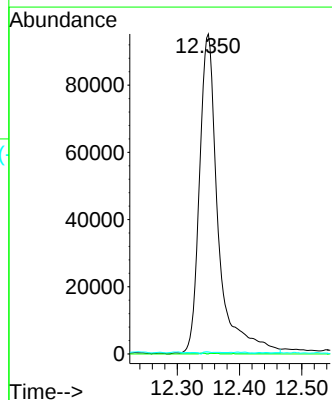
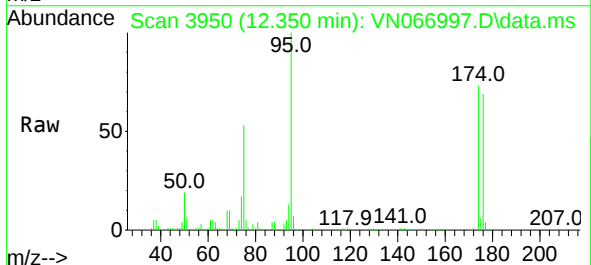
Instrument :
MSVOA_N
ClientSampleId :

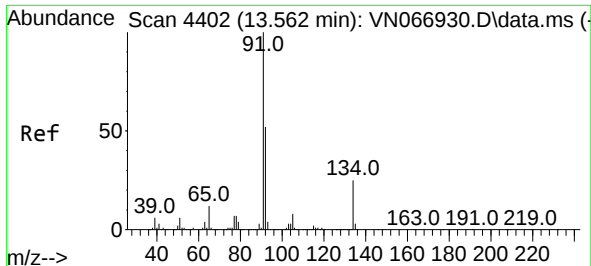
Tgt Ion: 75 Resp: 197671
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.59 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.105 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

Tgt Ion: 75 Resp: 197671
Ion Ratio Lower Upper
75 100
53 0.1 74.6 111.8#
89 0.3 35.8 53.8#

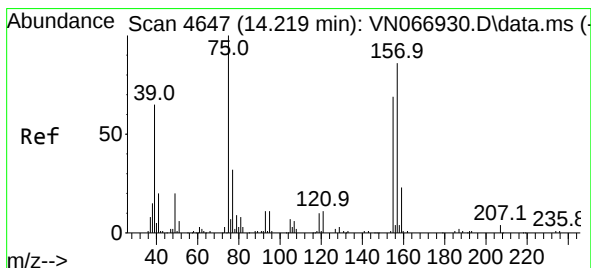
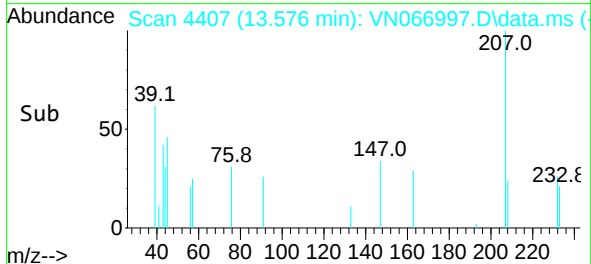
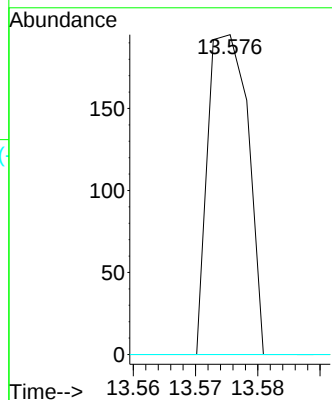
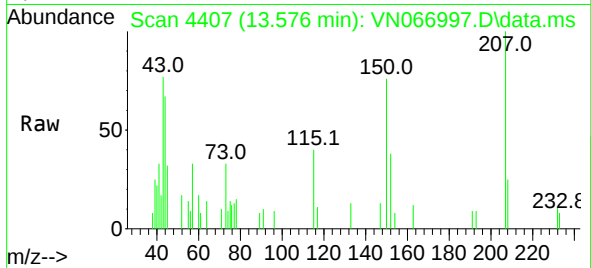




#89
n-Butylbenzene
Concen: 5.24 ug/l
RT: 13.576 min Scan# 4407
Delta R.T. 0.014 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 91 Resp: 87
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 0.0 13.0 38.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.23 ug/l
RT: 14.227 min Scan# 4650
Delta R.T. 0.008 min
Lab File: VN066997.D
Acq: 5 May 2021 19:03

Tgt Ion: 75 Resp: 336
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#

