

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040721\
 Data File : VN066516.D
 Acq On : 7 Apr 2021 19:23
 Operator : JC/MD
 Sample : PB135583ZH#05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 08 01:57:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 15:38:34 2021
 Response via : Initial Calibration

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

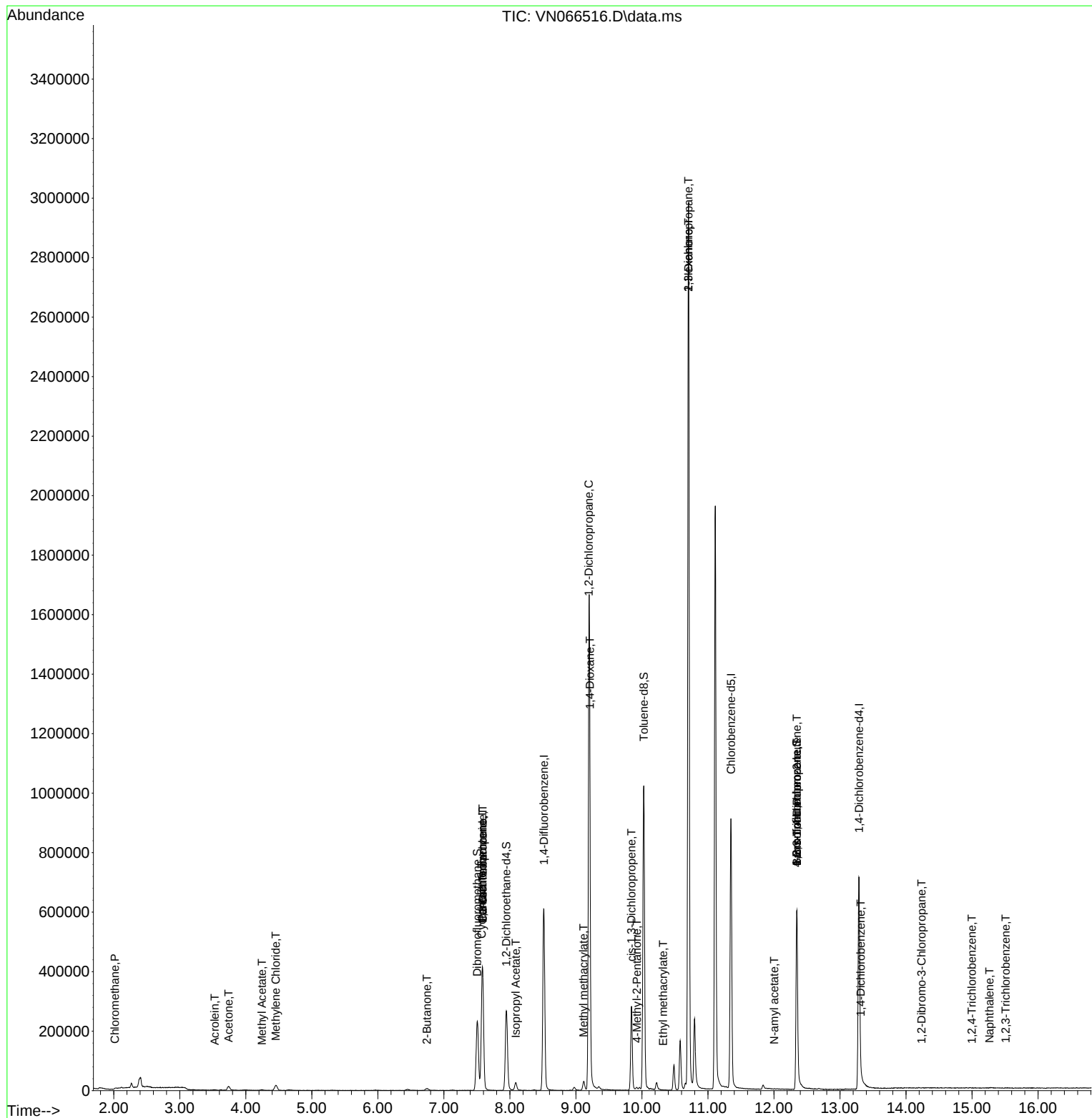
Internal Standards						
1) Pentafluorobenzene	7.584	168	357366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	541966	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	531310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	221438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	228270	48.50	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.00%		
35) Dibromofluoromethane	7.507	113	178402	48.30	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.60%		
50) Toluene-d8	10.028	98	698492	49.77	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.54%		
62) 4-Bromofluorobenzene	12.345	95	211230	46.41	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.82%		
Target Compounds					Qvalue	
3) Chloromethane	2.017	50	1153	0.22	ug/l #	57
13) Acrolein	3.529	56	587	5.07	ug/l #	1
16) Acetone	3.738	43	21194	10.74	ug/l	94
18) Methyl Acetate	4.245	43	4330	0.88	ug/l #	70
20) Methylene Chloride	4.455	84	11894	2.81	ug/l	93
25) 2-Butanone	6.745	43	9671	3.27	ug/l	99
31) Cyclohexane	7.576	56	7426	1.15	ug/l #	12
36) 1,1-Dichloropropene	7.587	75	25888	4.92	ug/l #	48
38) Carbon Tetrachloride	7.587	117	31815	5.96	ug/l #	17
43) Isopropyl Acetate	8.091	43	30794	3.05	ug/l	99
45) 1,2-Dichloropropane	9.196	63	1935	0.44	ug/l #	43
48) Methyl methacrylate	9.116	41	7795	1.74	ug/l #	12
49) 1,4-Dioxane	9.212	88	290	4.77	ug/l #	1
51) 4-Methyl-2-Pentanone	9.923	43	6228	1.04	ug/l	96
54) cis-1,3-Dichloropropene	9.843	75	49702	7.40	ug/l #	60
56) Ethyl methacrylate	10.320	69	268	3.76	ug/l #	22
57) 1,3-Dichloropropane	10.706	76	29670	4.39	ug/l #	42
59) 2-Hexanone	10.706	43	424738	98.95	ug/l #	53
71) Bromoform	12.348	173	2419	0.71	ug/l #	1
74) N-amyl acetate	12.004	43	346	12.78	ug/l #	70
76) 1,2,3-Trichloropropane	12.348	75	110641	22.15	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.348	75	110641	61.61	ug/l #	12
88) 1,4-Dichlorobenzene	13.316	146	83	1.01	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.233	75	50	0.38	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.997	180	57	2.25	ug/l #	49
95) Naphthalene	15.266	128	426	2.00	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.510	180	24	1.62	ug/l #	1

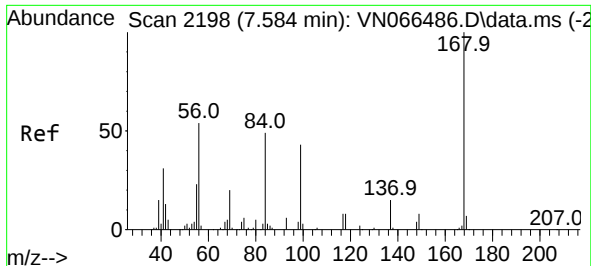
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040721\
Data File : VN066516.D
Acq On : 7 Apr 2021 19:23
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Sample : PB135583ZH#05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

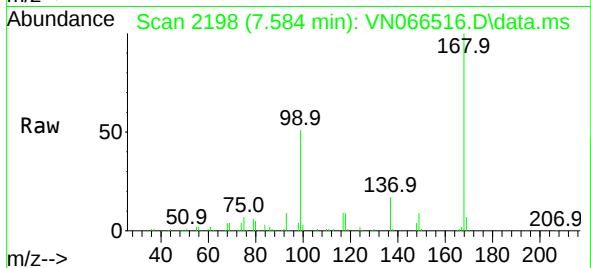
Quant Time: Apr 08 01:57:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 06 15:38:34 2021
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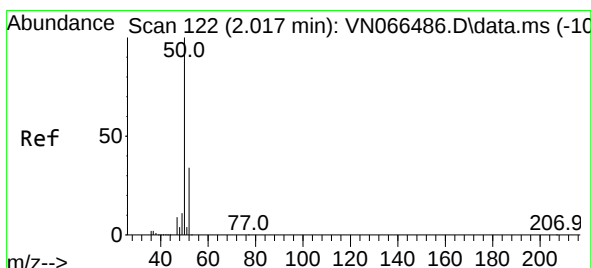
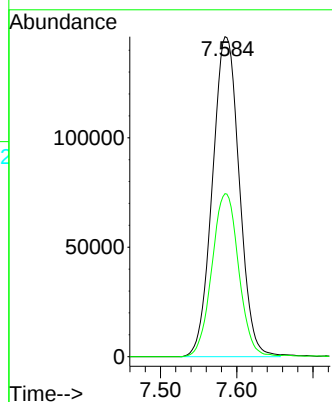
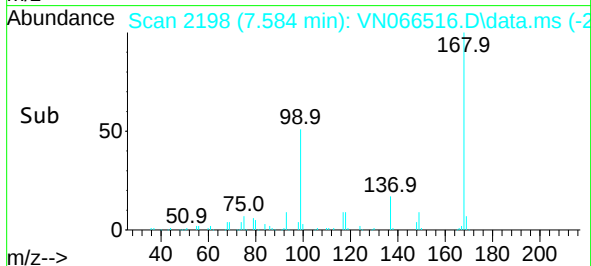


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

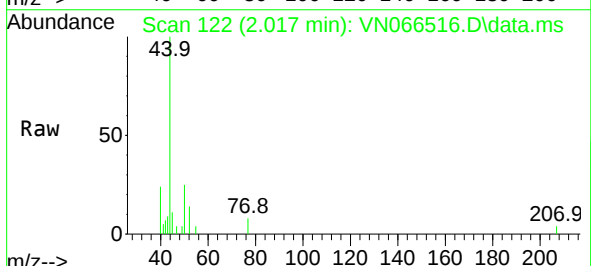
Instrument :
MSVOA_N
ClientSampleId :



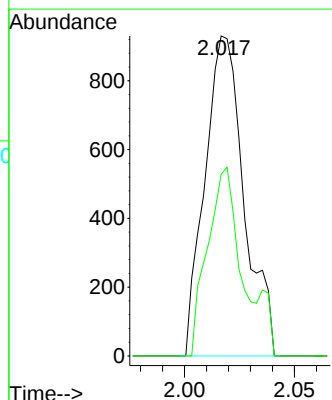
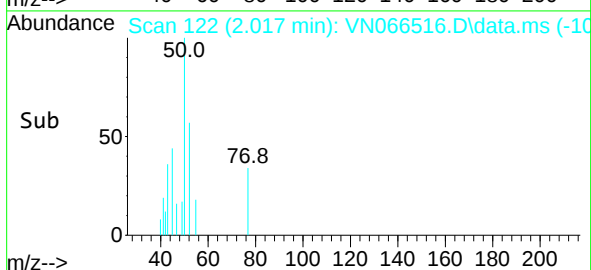
Tgt Ion:168 Resp: 357366
Ion Ratio Lower Upper
168 100
99 50.9 41.1 61.7

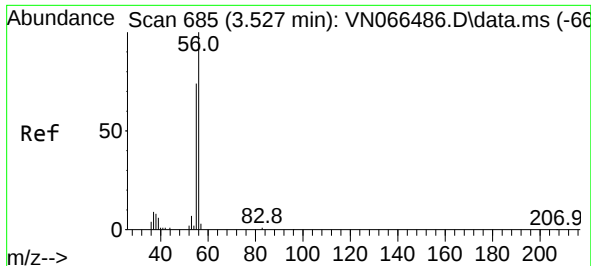


#3
Chloromethane
Concen: 0.22 ug/l
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23



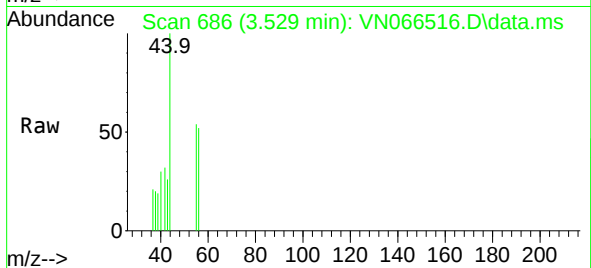
Tgt Ion: 50 Resp: 1153
Ion Ratio Lower Upper
50 100
52 56.8 26.2 39.2#



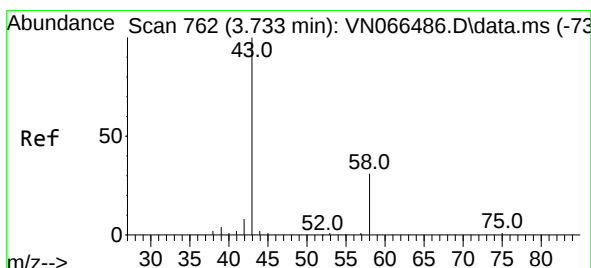
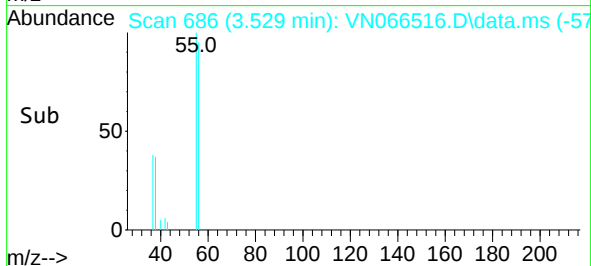
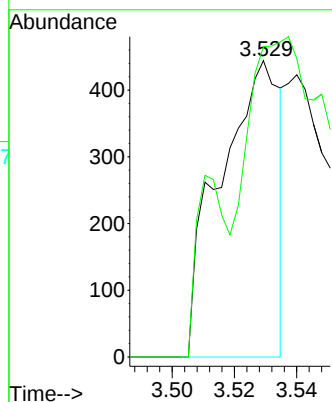


#13
Acrolein
Concen: 5.07 ug/l
RT: 3.529 min Scan# 686
Delta R.T. 0.002 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

Instrument :
MSVOA_N
ClientSampled :

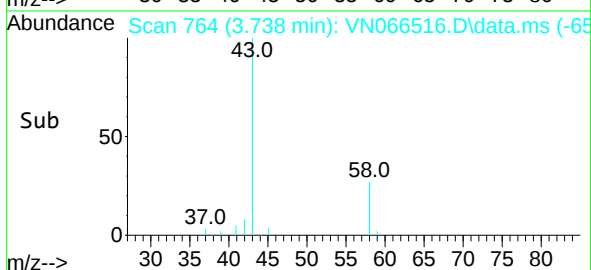
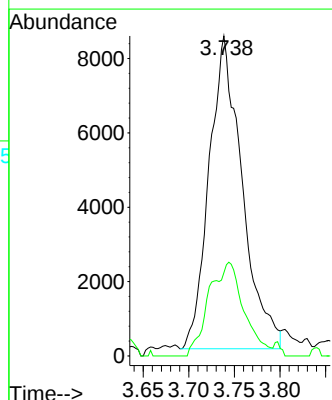
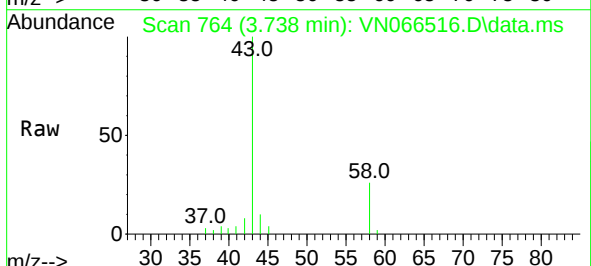


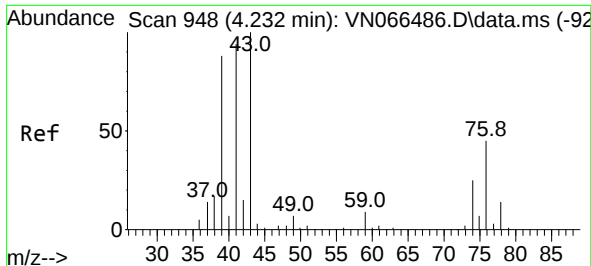
Tgt Ion: 56 Resp: 587
Ion Ratio Lower Upper
56 100
55 166.1 57.9 86.9#



#16
Acetone
Concen: 10.74 ug/l
RT: 3.738 min Scan# 764
Delta R.T. 0.005 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

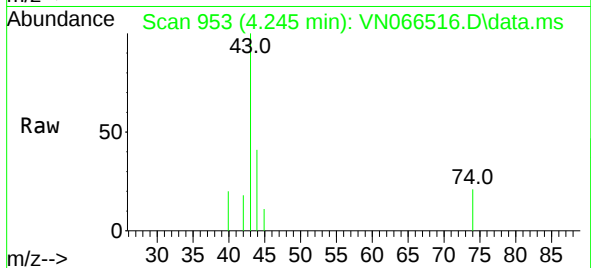
Tgt Ion: 43 Resp: 21194
Ion Ratio Lower Upper
43 100
58 26.6 23.8 35.8



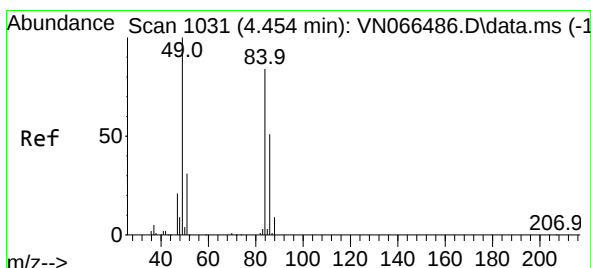
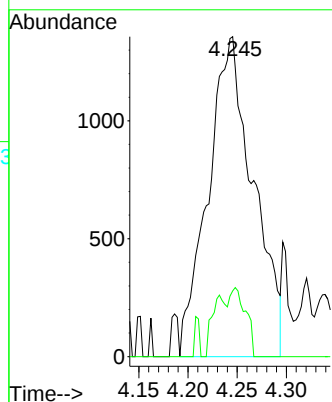
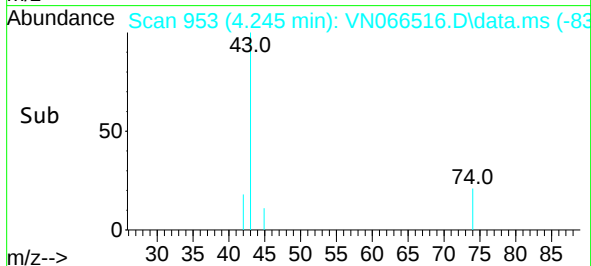


#18
Methyl Acetate
Concen: 0.88 ug/l
RT: 4.245 min Scan# 953
Delta R.T. 0.013 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

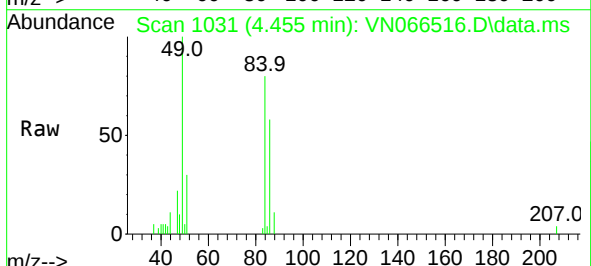
Instrument :
MSVOA_N
ClientSampled :



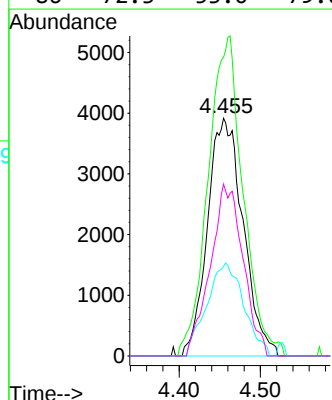
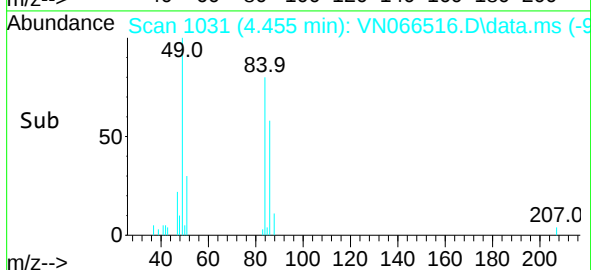
Tgt Ion: 43 Resp: 4330
Ion Ratio Lower Upper
43 100
74 7.6 17.6 26.4#

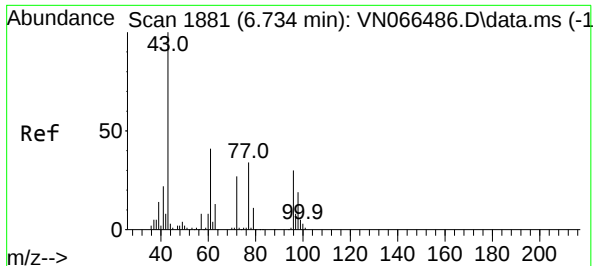


#20
Methylene Chloride
Concen: 2.81 ug/l
RT: 4.455 min Scan# 1031
Delta R.T. 0.001 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23



Tgt Ion: 84 Resp: 11894
Ion Ratio Lower Upper
84 100
49 121.5 105.0 157.6
51 37.7 31.6 47.4
86 72.3 53.0 79.6

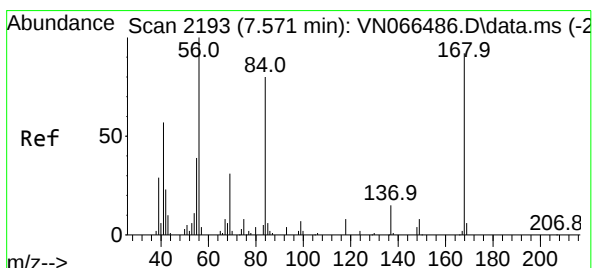
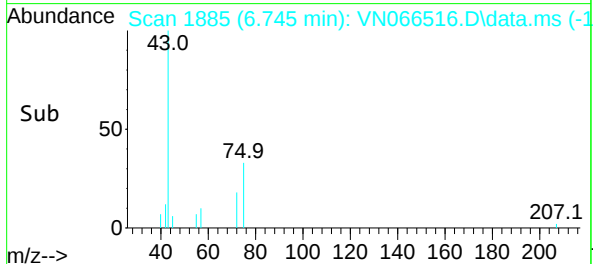
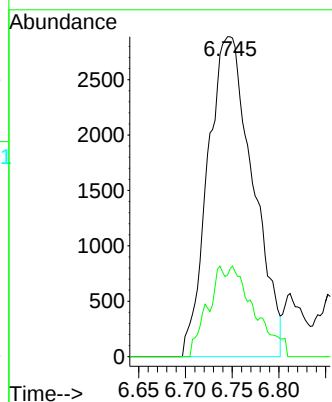
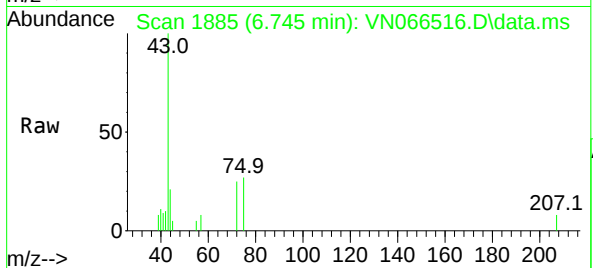




#25
2-Butanone
Concen: 3.27 ug/l
RT: 6.745 min Scan# 1885
Delta R.T. 0.011 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

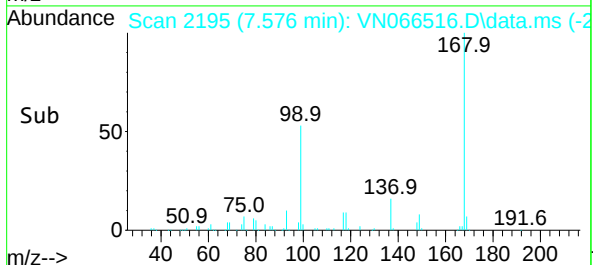
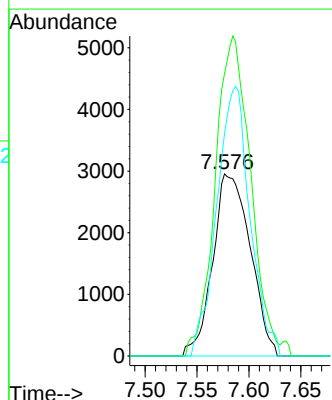
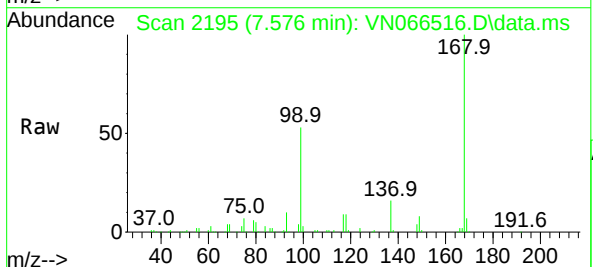
Instrument :
MSVOA_N
ClientSampled :

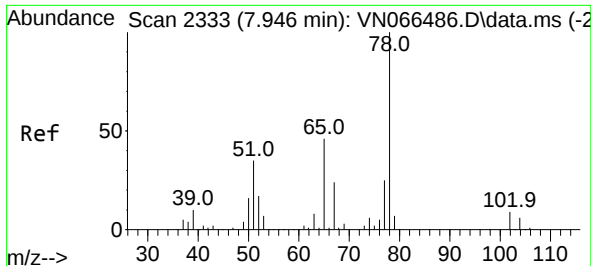
Tgt Ion: 43 Resp: 9671
Ion Ratio Lower Upper
43 100
72 25.5 20.7 31.1



#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.576 min Scan# 2195
Delta R.T. 0.005 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

Tgt Ion: 56 Resp: 7426
Ion Ratio Lower Upper
56 100
69 155.0 26.6 40.0#
84 122.2 68.7 103.1#

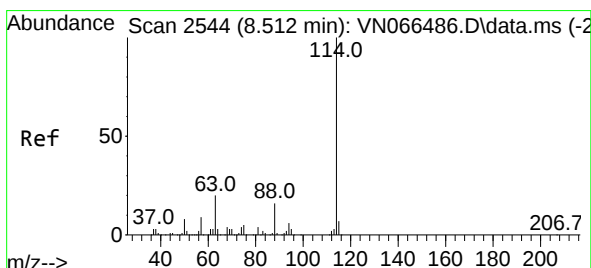
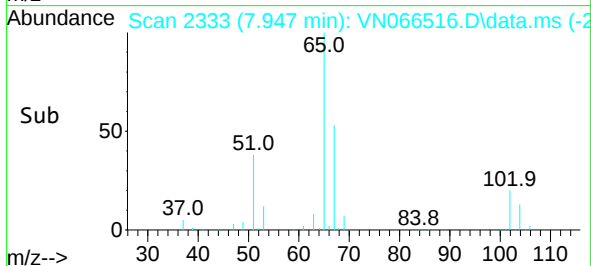
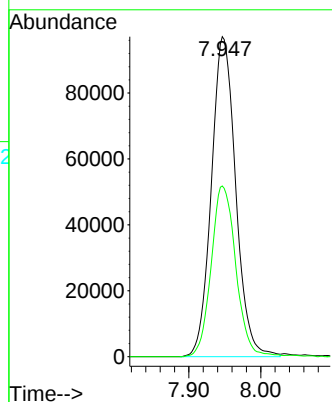
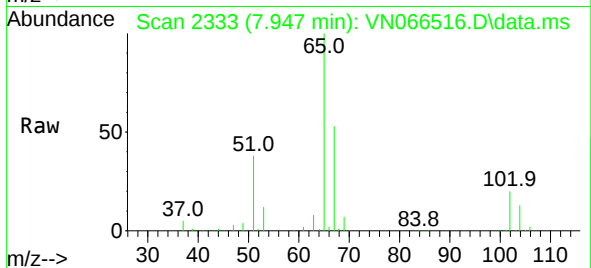




#33
1,2-Dichloroethane-d4
Concen: 48.50 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. 0.001 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

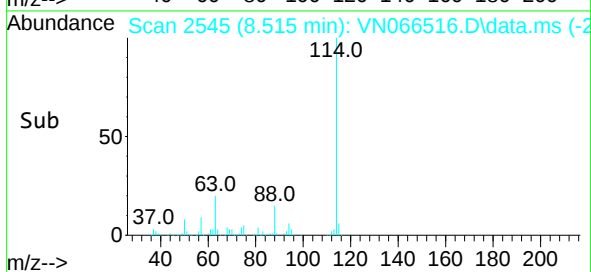
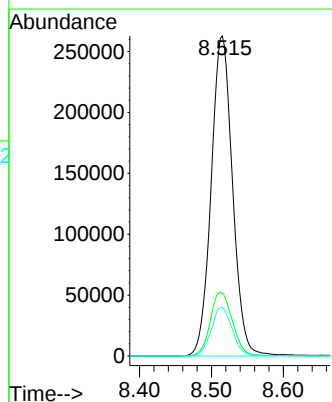
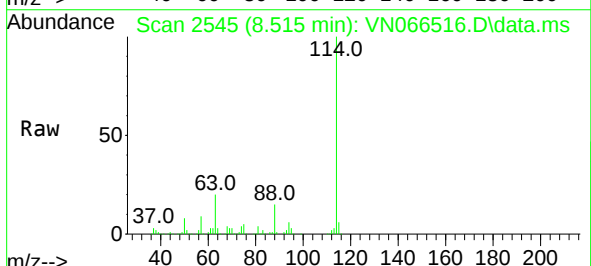
Instrument :
MSVOA_N
ClientSampled :

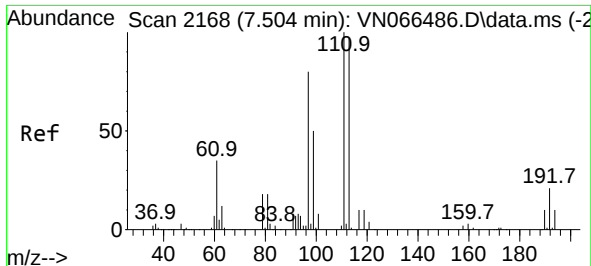
Tgt Ion: 65 Resp: 228270
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.003 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

Tgt Ion: 114 Resp: 541966
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.0
88 15.2 0.0 31.0

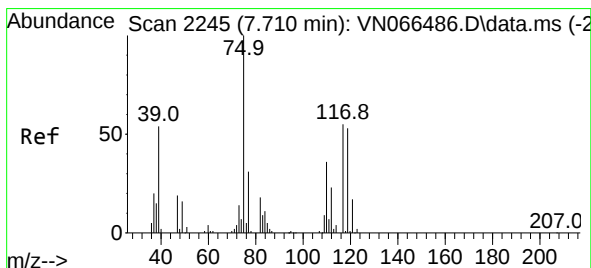
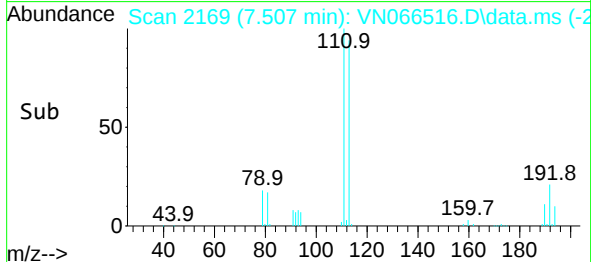
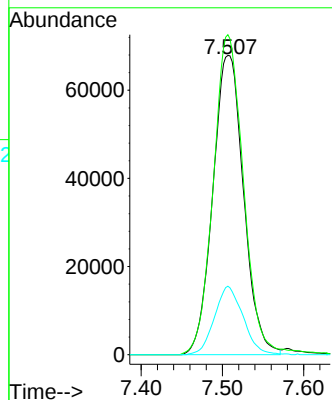
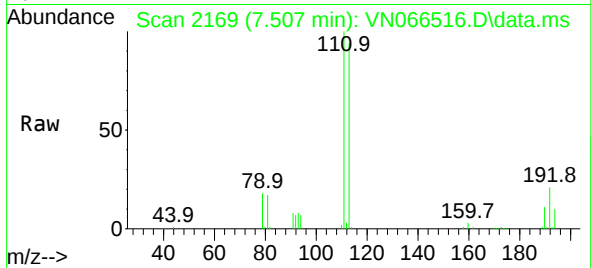




#35
Dibromofluoromethane
Concen: 48.30 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. 0.003 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

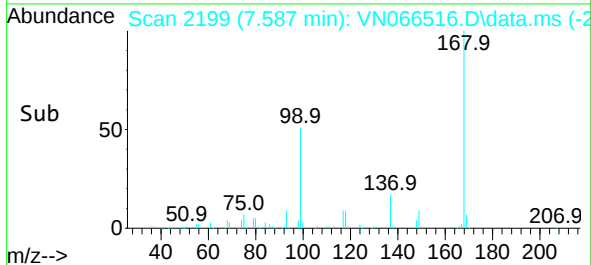
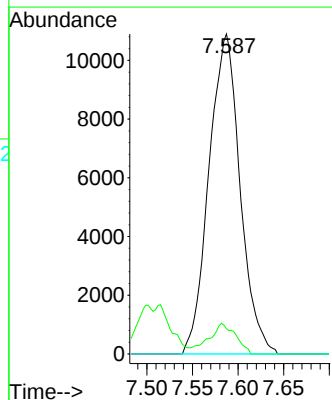
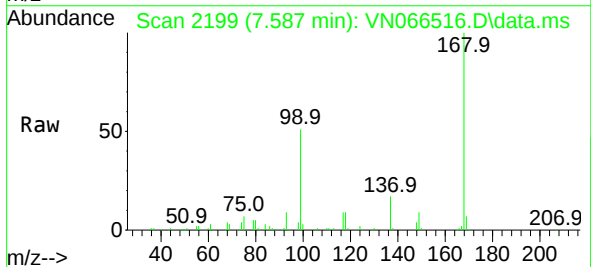
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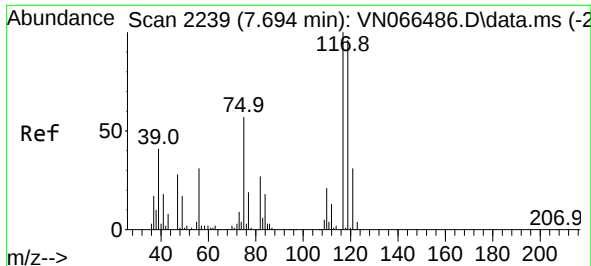
Tgt Ion:113 Resp: 178402
Ion Ratio Lower Upper
113 100
111 105.7 81.8 122.8
192 21.3 17.1 25.7



#36
1,1-Dichloropropene
Concen: 4.92 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. -0.123 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

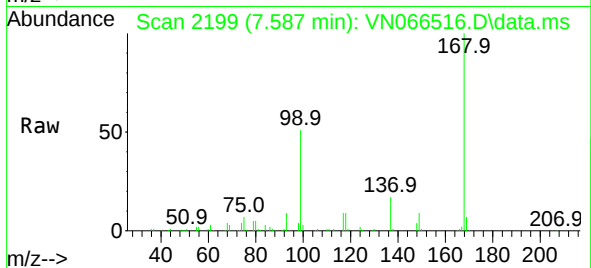
Tgt Ion: 75 Resp: 25888
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.3#
77 0.0 25.0 37.4#



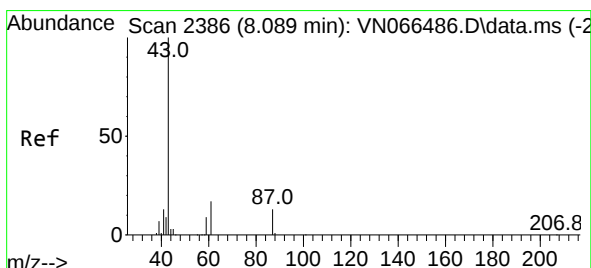
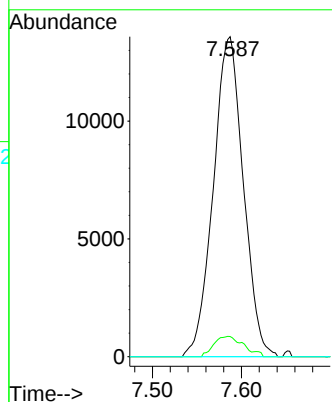
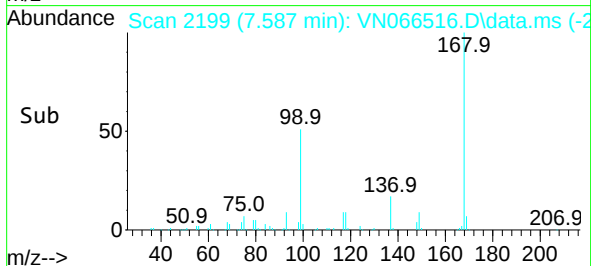


#38
Carbon Tetrachloride
Concen: 5.96 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. -0.107 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

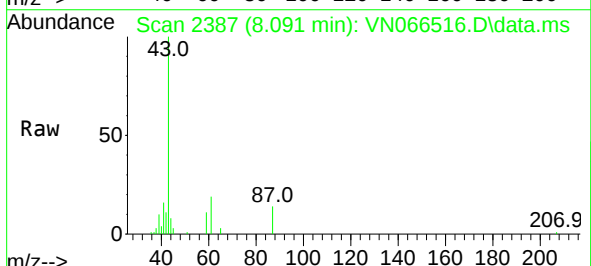
Instrument :
MSVOA_N
ClientSampled :



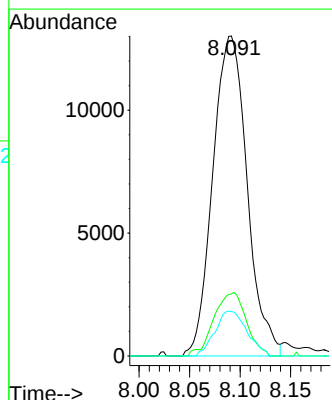
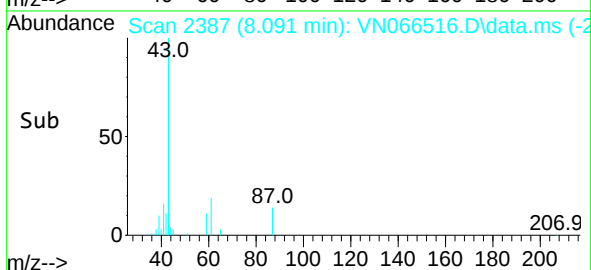
Tgt Ion:117 Resp: 31815
Ion Ratio Lower Upper
117 100
119 6.3 77.2 115.8#
121 0.0 24.2 36.4#

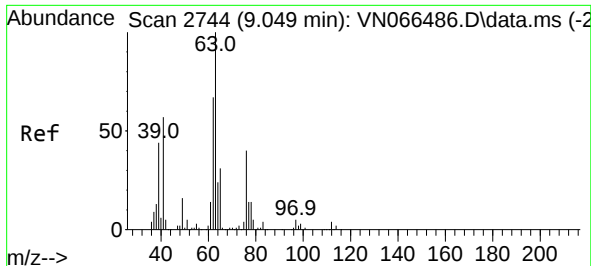


#43
Isopropyl Acetate
Concen: 3.05 ug/l
RT: 8.091 min Scan# 2387
Delta R.T. 0.002 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23



Tgt Ion: 43 Resp: 30794
Ion Ratio Lower Upper
43 100
61 18.8 15.5 23.3
87 13.0 10.5 15.7





#45

1,2-Dichloropropane

Concen: 0.44 ug/l

RT: 9.196 min Scan# 2799

Delta R.T. 0.147 min

Lab File: VN066516.D

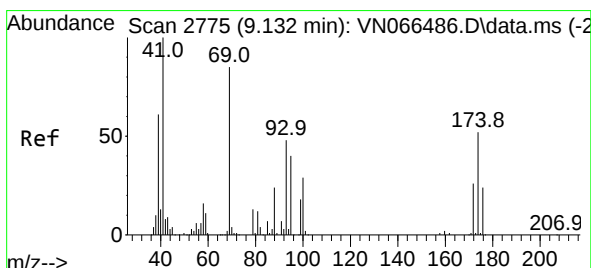
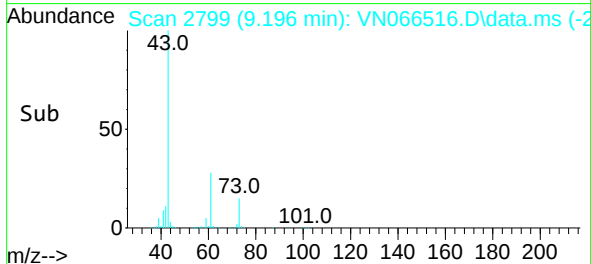
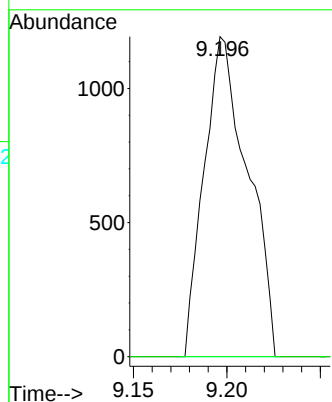
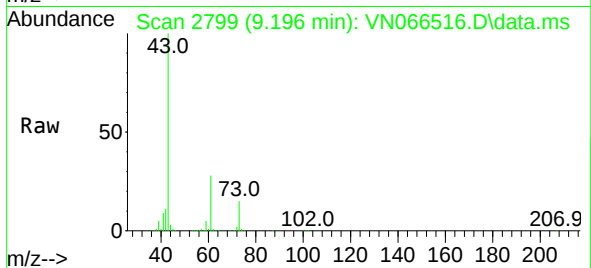
Acq: 7 Apr 2021 19:23

Tgt Ion: 63 Resp: 1935

Ion Ratio Lower Upper

63 100

65 0.0 25.5 38.3#



#48

Methyl methacrylate

Concen: 1.74 ug/l

RT: 9.116 min Scan# 2769

Delta R.T. -0.016 min

Lab File: VN066516.D

Acq: 7 Apr 2021 19:23

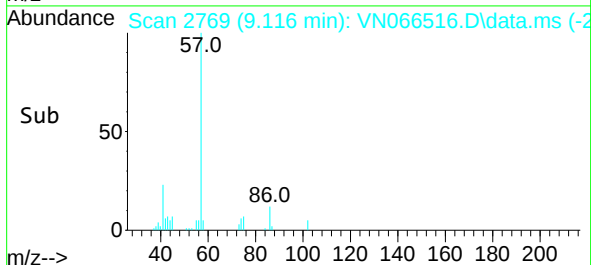
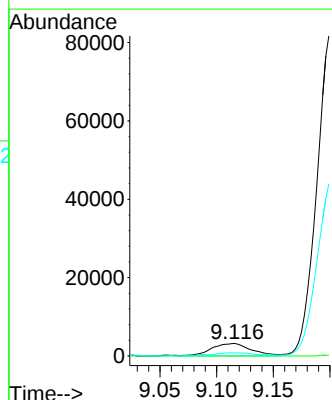
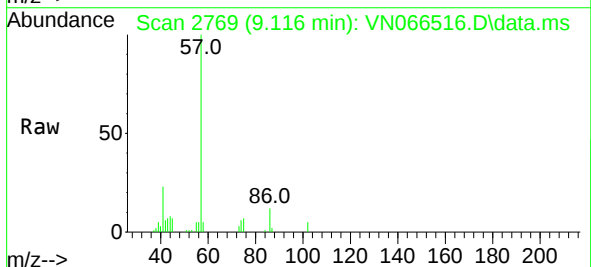
Tgt Ion: 41 Resp: 7795

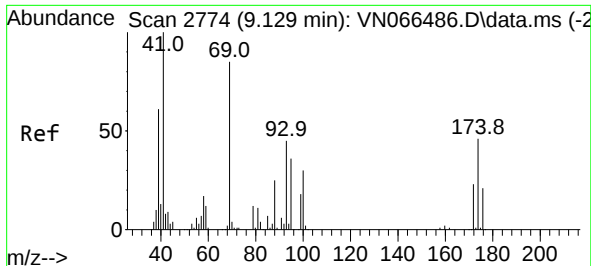
Ion Ratio Lower Upper

41 100

69 0.0 66.2 99.4#

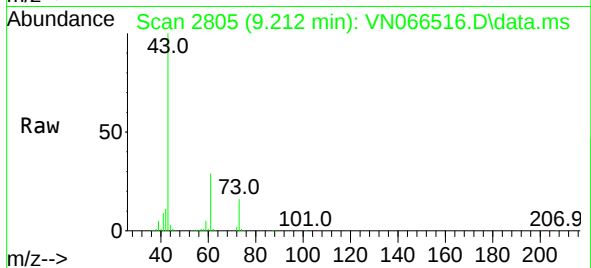
39 0.0 51.5 77.3#



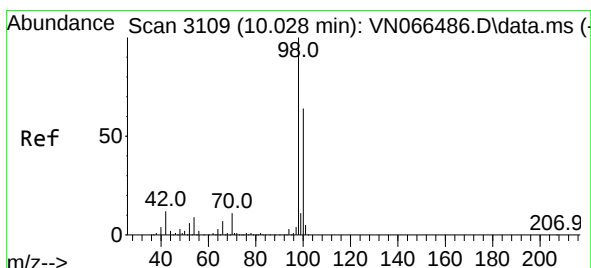
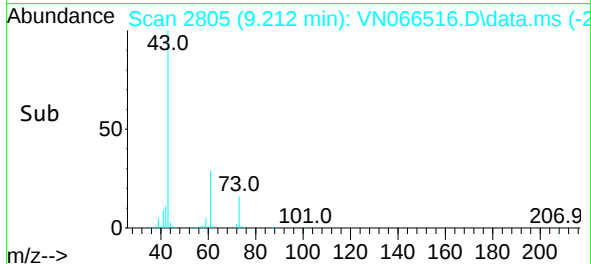
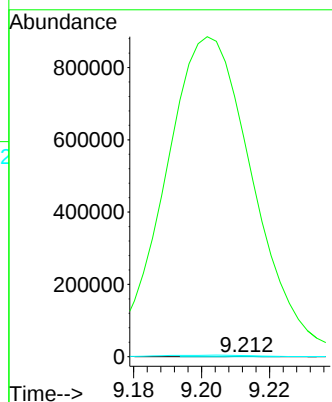


#49
1,4-Dioxane
Concen: 4.77 ug/l
RT: 9.212 min Scan# 2805
Delta R.T. 0.083 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

Instrument :
MSVOA_N
ClientSampled :

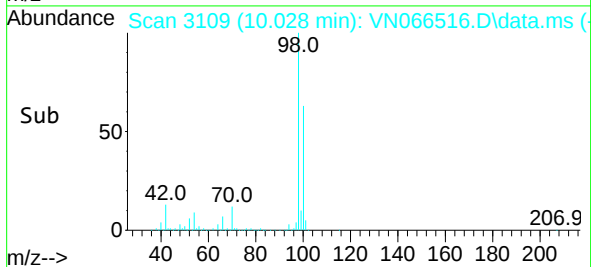
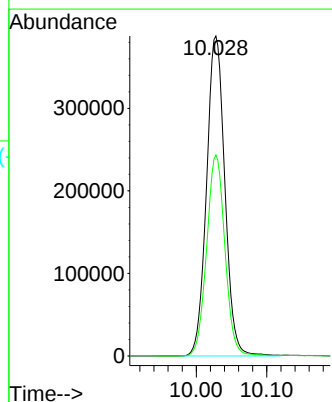
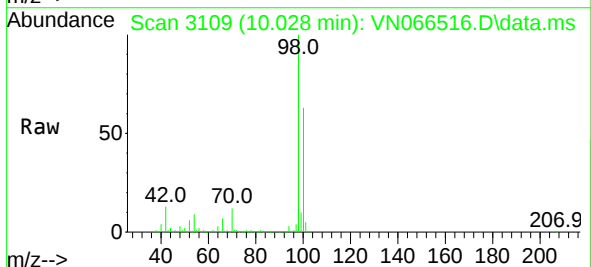


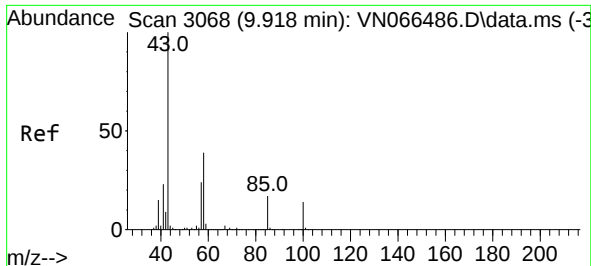
Tgt Ion: 88 Resp: 290
Ion Ratio Lower Upper
88 100
43 570183.8 28.2 42.4#
58 2946.9 56.6 84.8#



#50
Toluene-d8
Concen: 49.77 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

Tgt Ion: 98 Resp: 698492
Ion Ratio Lower Upper
98 100
100 62.6 50.5 75.7

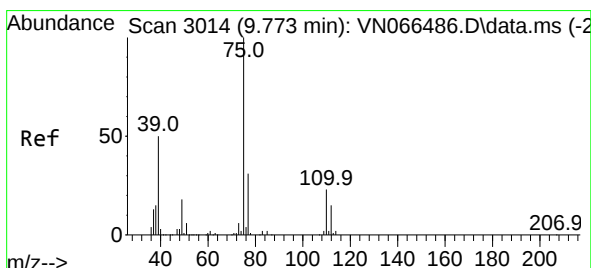
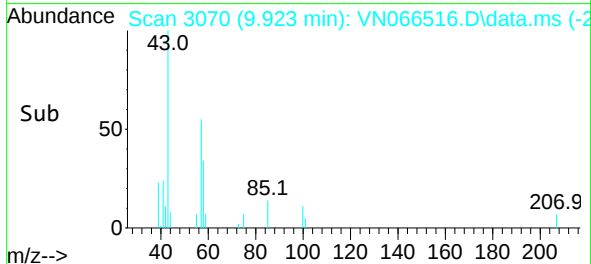
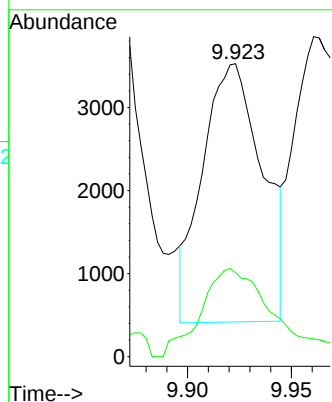
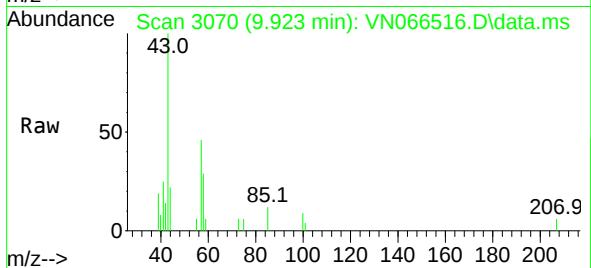




#51
4-Methyl-2-Pentanone
Concen: 1.04 ug/l
RT: 9.923 min Scan# 3070
Delta R.T. 0.005 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

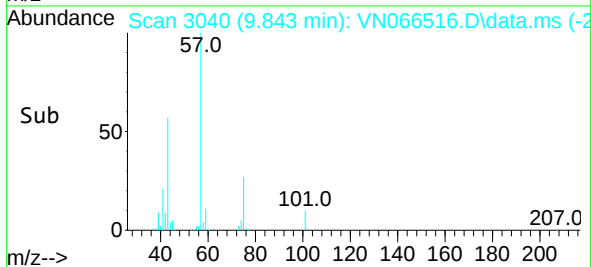
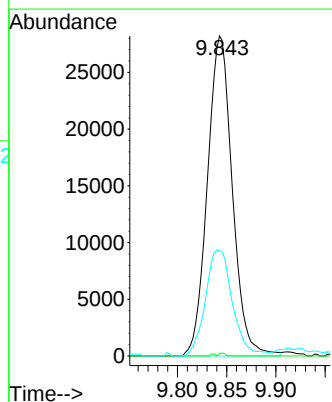
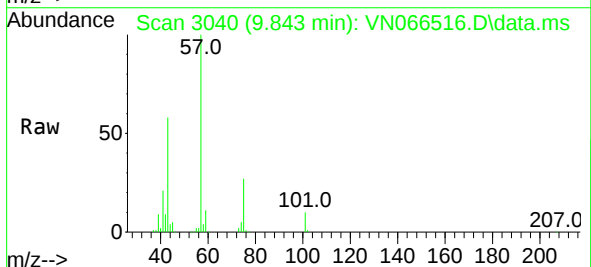
Instrument :
MSVOA_N
ClientSampled :

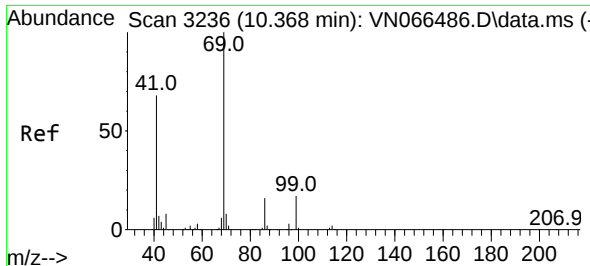
Tgt Ion: 43 Resp: 6228
Ion Ratio Lower Upper
43 100
58 41.2 30.8 46.2



#54
cis-1,3-Dichloropropene
Concen: 7.40 ug/l
RT: 9.843 min Scan# 3040
Delta R.T. 0.070 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

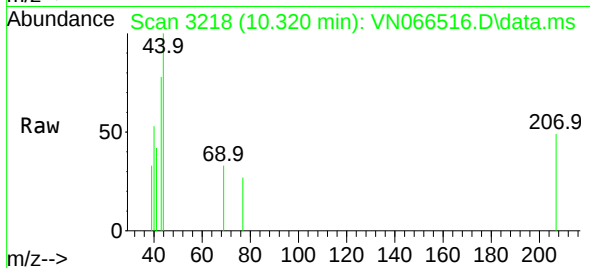
Tgt Ion: 75 Resp: 49702
Ion Ratio Lower Upper
75 100
77 0.8 25.4 38.2#
39 32.9 44.2 66.4#



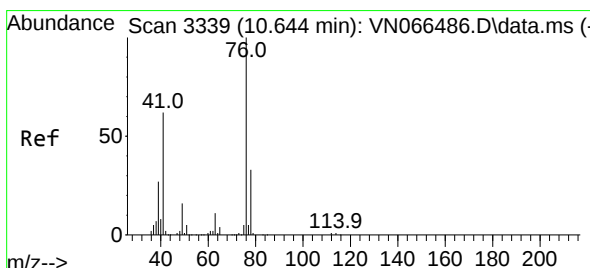
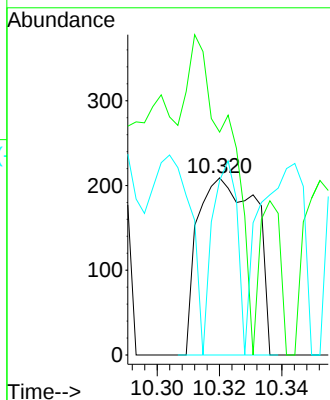
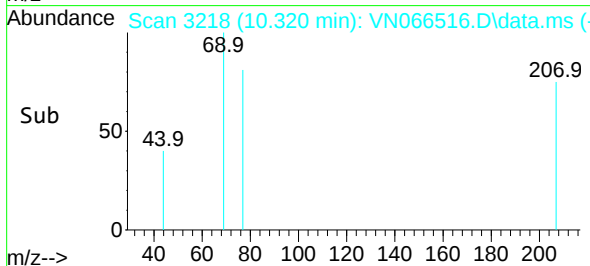


#56
Ethyl methacrylate
Concen: 3.76 ug/l
RT: 10.320 min Scan# 3218
Delta R.T. -0.048 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

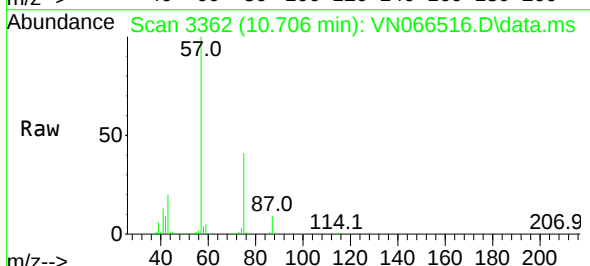
Instrument :
MSVOA_N
ClientSampleId :



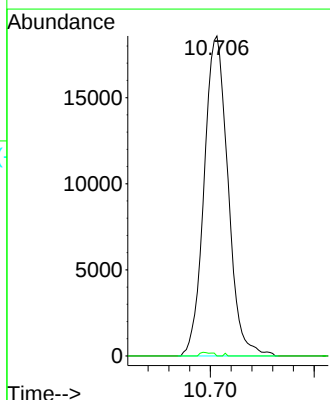
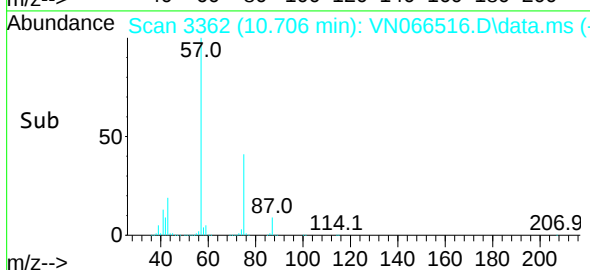
Tgt Ion: 69 Resp: 268
Ion Ratio Lower Upper
69 100
41 0.0 55.3 82.9#
39 0.0 33.8 50.6#

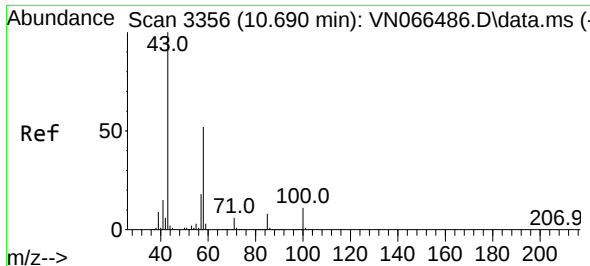


#57
1,3-Dichloropropane
Concen: 4.39 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.062 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23



Tgt Ion: 76 Resp: 29670
Ion Ratio Lower Upper
76 100
78 0.1 25.9 38.9#

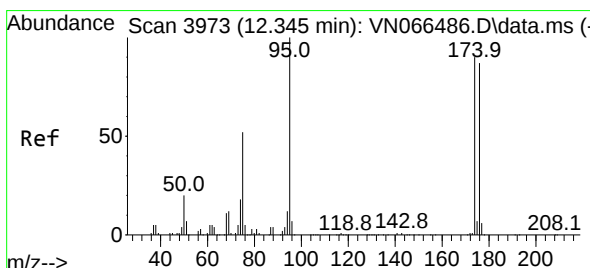
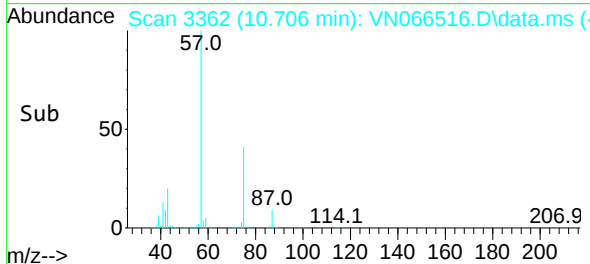
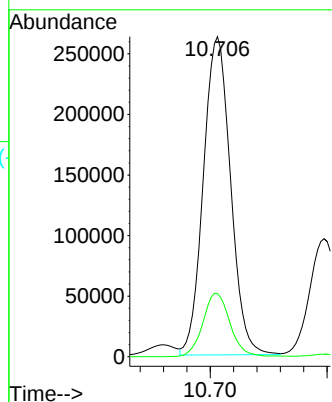
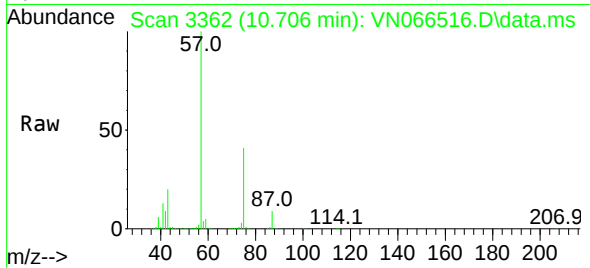




#59
2-Hexanone
Concen: 98.95 ug/l
RT: 10.706 min Scan# 3362
Delta R.T. 0.016 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

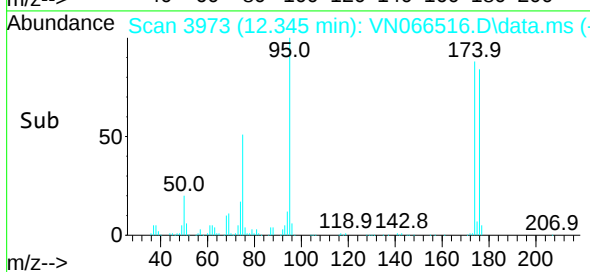
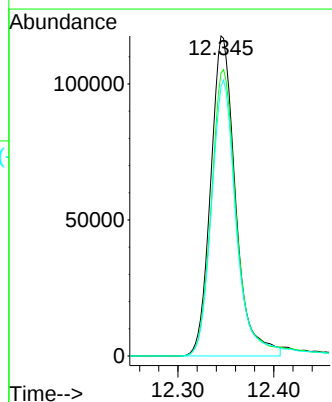
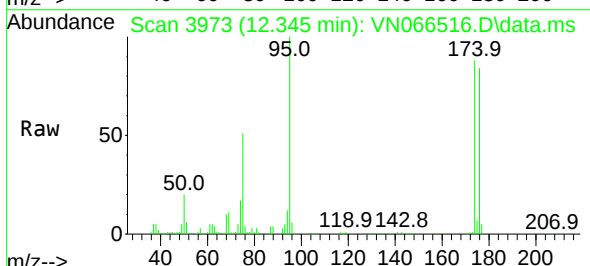
Instrument :
MSVOA_N
ClientSampled :

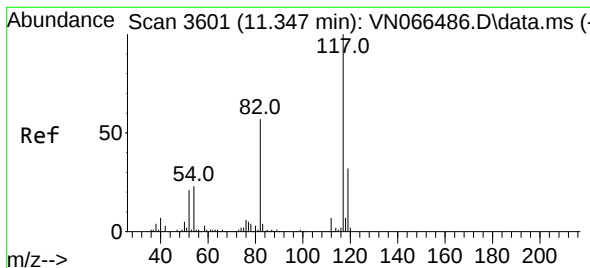
Tgt Ion: 43 Resp: 424738
Ion Ratio Lower Upper
43 100
58 20.0 26.6 79.8#



#62
4-Bromofluorobenzene
Concen: 46.41 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

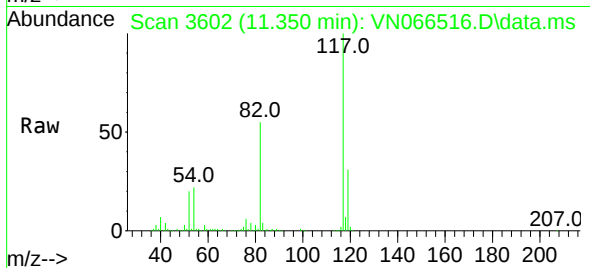
Tgt Ion: 95 Resp: 211230
Ion Ratio Lower Upper
95 100
174 92.3 0.0 172.2
176 88.5 0.0 167.8



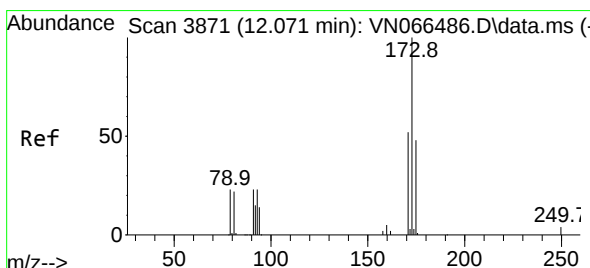
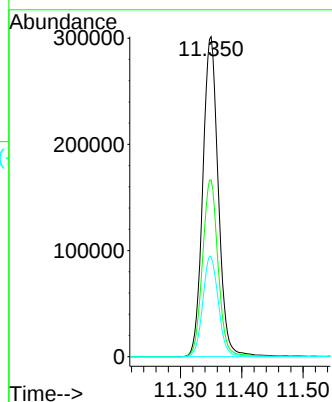
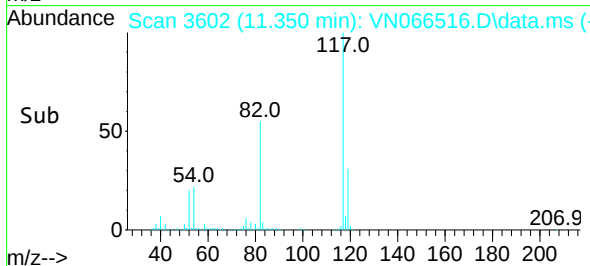


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.003 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

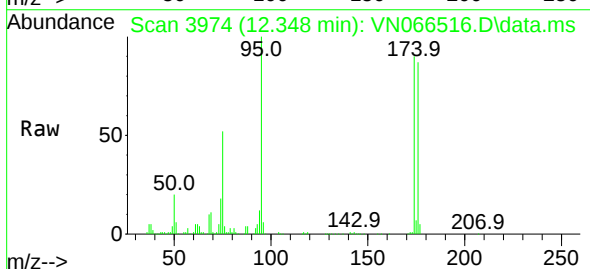
Instrument :
MSVOA_N
ClientSampleId :



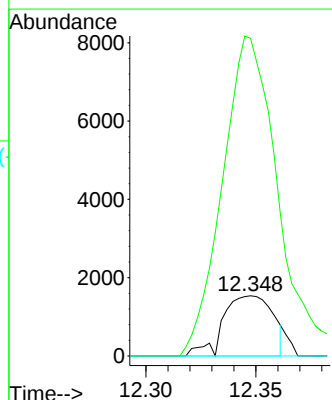
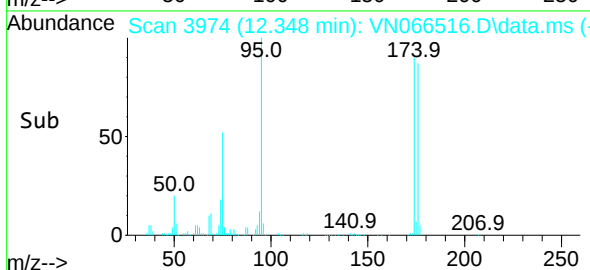
Tgt Ion:117 Resp: 531310
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.4
119 31.2 25.8 38.6

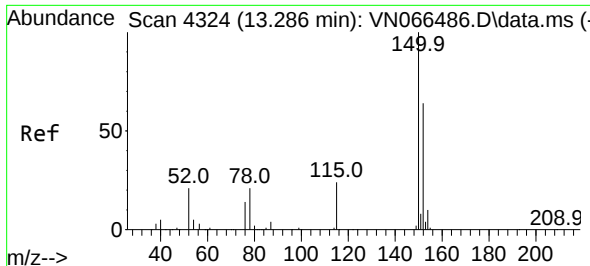


#71
Bromoform
Concen: 0.71 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.277 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23



Tgt Ion:173 Resp: 2419
Ion Ratio Lower Upper
173 100
175 518.7 24.3 72.8#
254 0.0 0.0 0.0

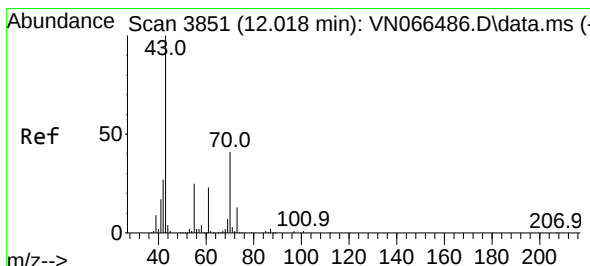
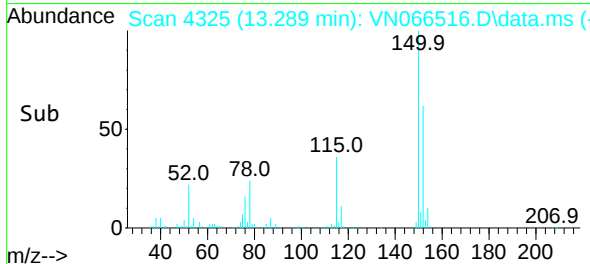
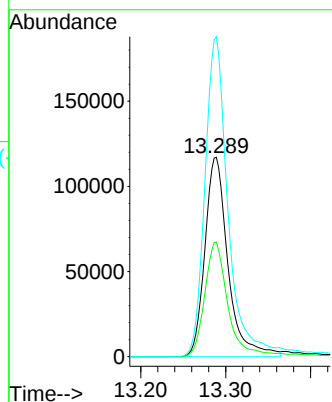
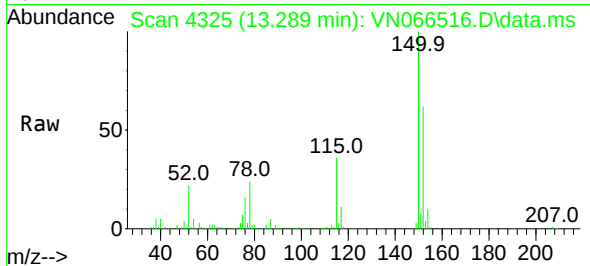




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

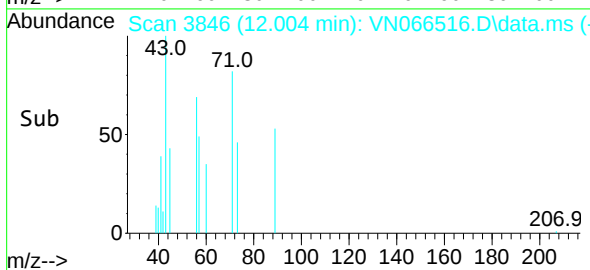
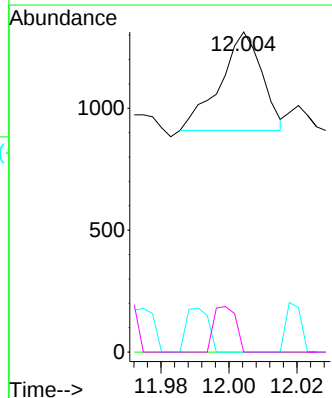
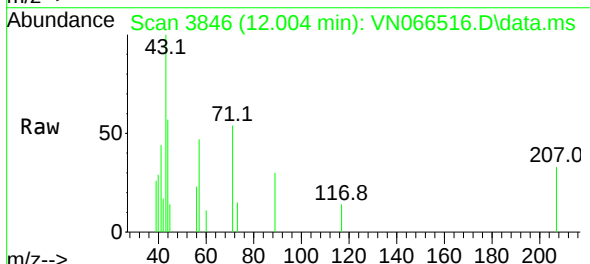
Instrument :
MSVOA_N
ClientSampleId :

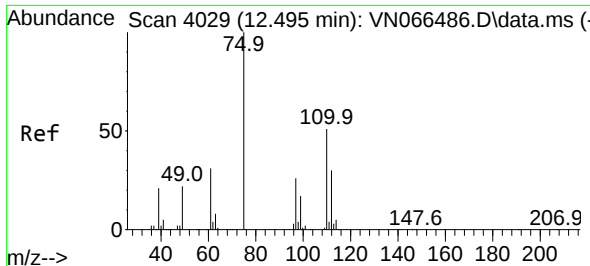
Tgt Ion:152 Resp: 221438
Ion Ratio Lower Upper
152 100
115 57.1 27.8 83.4
150 163.9 0.0 348.4



#74
N-ethyl acetate
Concen: 12.78 ug/l
RT: 12.004 min Scan# 3846
Delta R.T. -0.014 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

Tgt Ion: 43 Resp: 346
Ion Ratio Lower Upper
43 100
70 0.0 31.2 46.8#
55 23.4 18.6 28.0
61 24.3 18.2 27.4

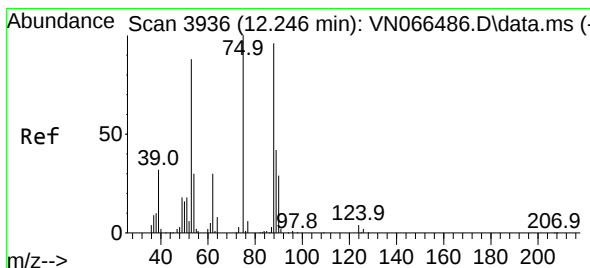
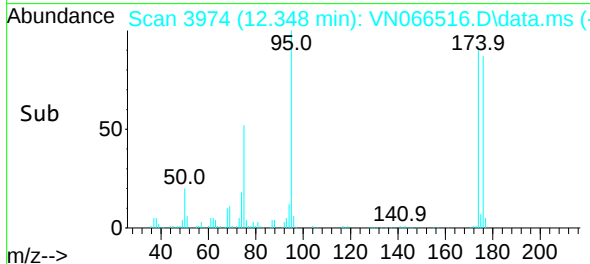
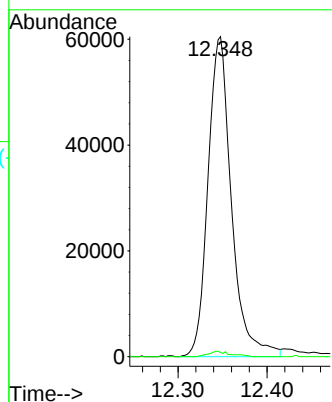
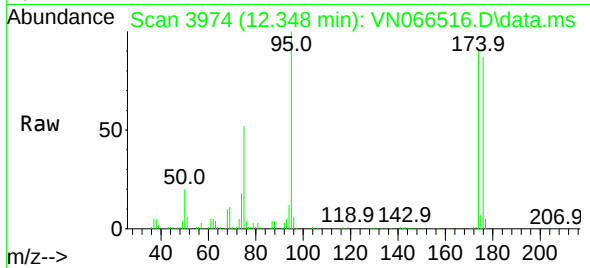




#76
1,2,3-Trichloropropane
Concen: 22.15 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. -0.147 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

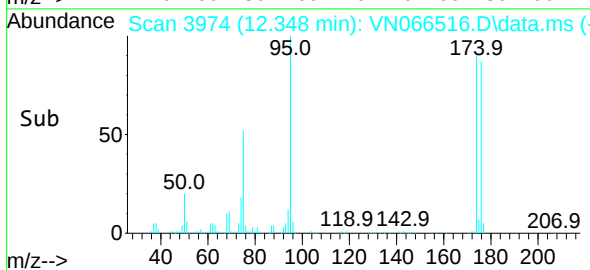
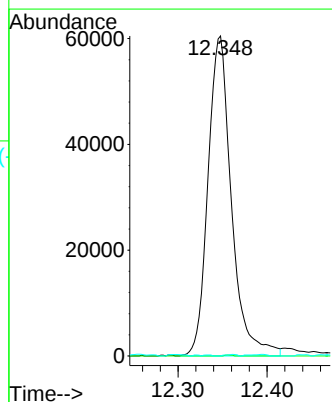
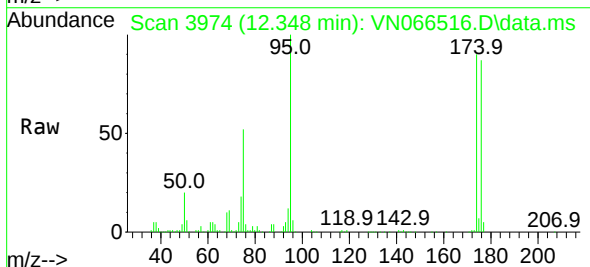
Instrument :
MSVOA_N
ClientSampled :

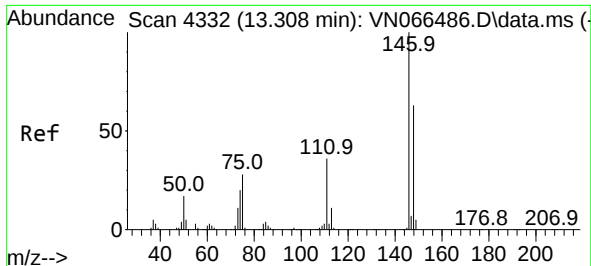
Tgt Ion: 75 Resp: 110641
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.61 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.102 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

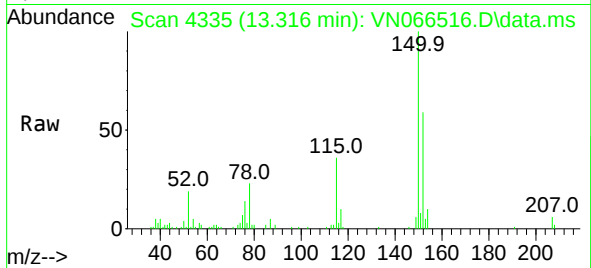
Tgt Ion: 75 Resp: 110641
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.2 35.7 53.5#



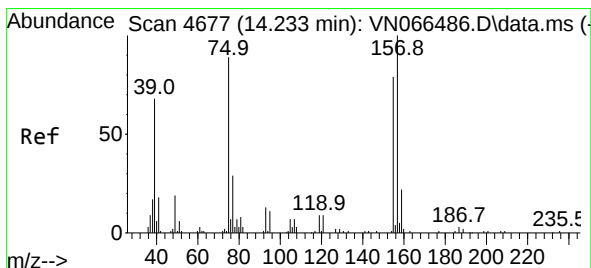
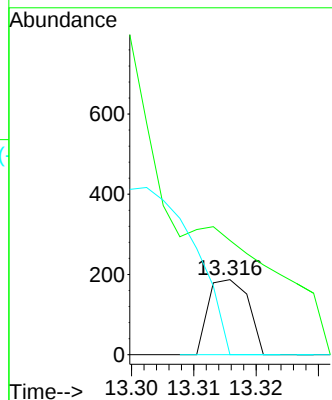
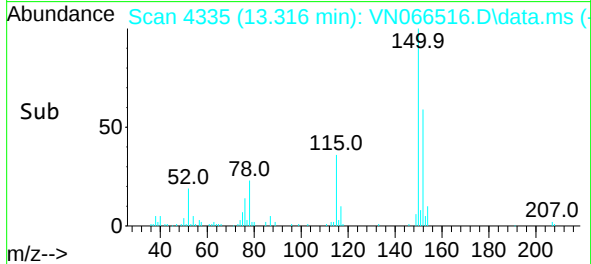


#88
1,4-Dichlorobenzene
Concen: 1.01 ug/l
RT: 13.316 min Scan# 4335
Delta R.T. 0.008 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

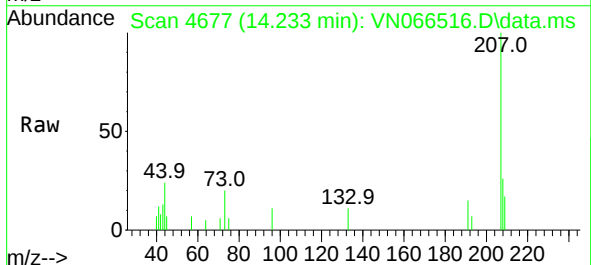
Instrument :
MSVOA_N
ClientSampled :



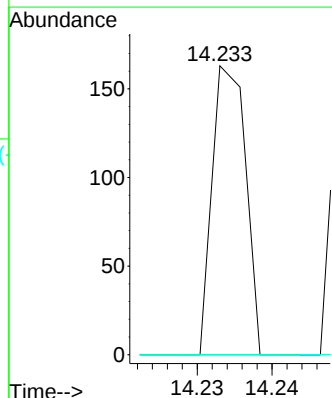
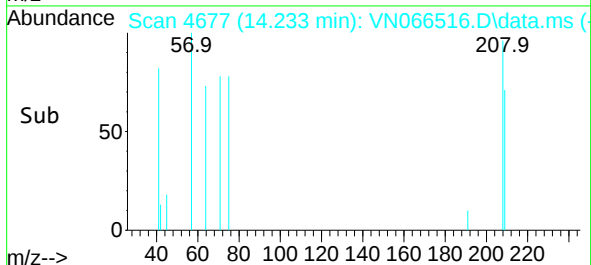
Tgt Ion:146 Resp: 83
Ion Ratio Lower Upper
146 100
111 0.0 18.3 54.9#
148 466.3 31.9 95.9#

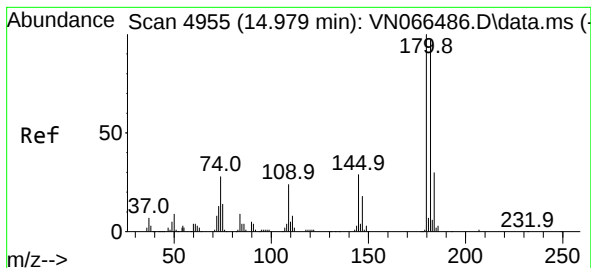


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.38 ug/l
RT: 14.233 min Scan# 4677
Delta R.T. 0.000 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23



Tgt Ion: 75 Resp: 50
Ion Ratio Lower Upper
75 100
155 0.0 43.8 131.3#
157 0.0 57.6 172.8#

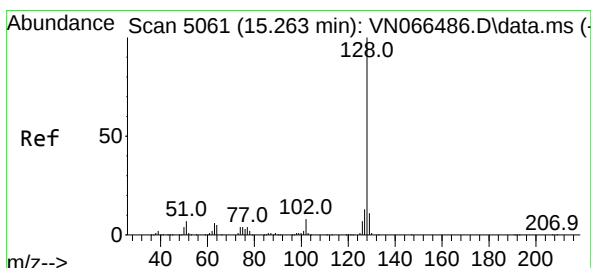
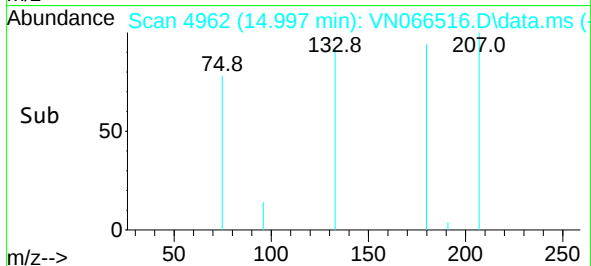
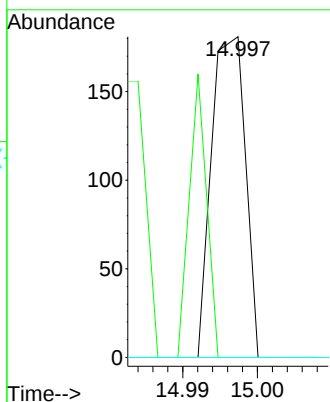
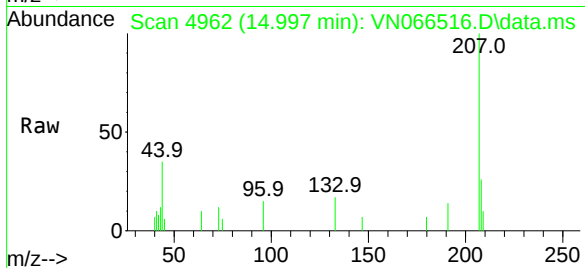




#93
1,2,4-Trichlorobenzene
Concen: 2.25 ug/l
RT: 14.997 min Scan# 4962
Delta R.T. 0.018 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

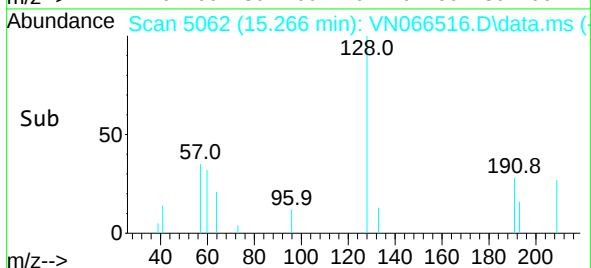
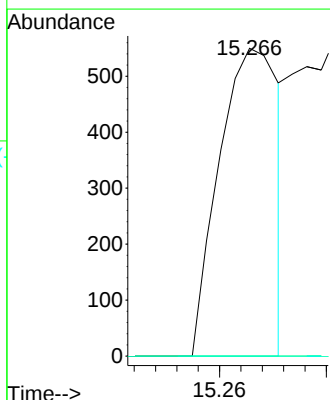
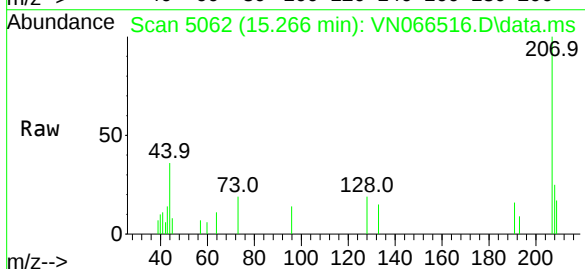
Instrument :
MSVOA_N
ClientSampled :

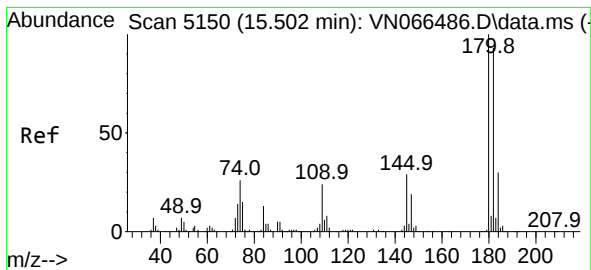
Tgt Ion:180 Resp: 57
Ion Ratio Lower Upper
180 100
182 45.6 47.4 142.3#
145 0.0 14.2 42.8#



#95
Naphthalene
Concen: 2.00 ug/l
RT: 15.266 min Scan# 5062
Delta R.T. 0.003 min
Lab File: VN066516.D
Acq: 7 Apr 2021 19:23

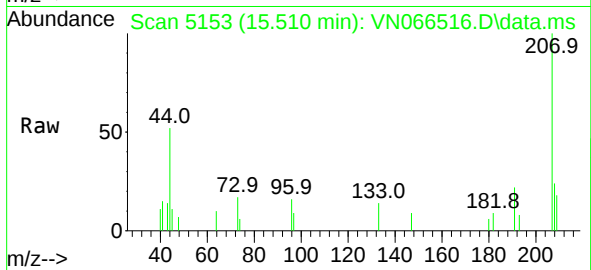
Tgt Ion:128 Resp: 426
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.5 12.7#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.62 ug/l
 RT: 15.510 min Scan# 5153
 Delta R.T. 0.008 min
 Lab File: VN066516.D
 Acq: 7 Apr 2021 19:23

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 24
 Ion Ratio Lower Upper
 180 100
 182 562.5 47.6 142.9#
 145 0.0 15.4 46.1#

