

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040821\
 Data File : VN066547.D
 Acq On : 9 Apr 2021 1:19
 Operator : JC/MD
 Sample : M1961-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 09 04:36:41 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)

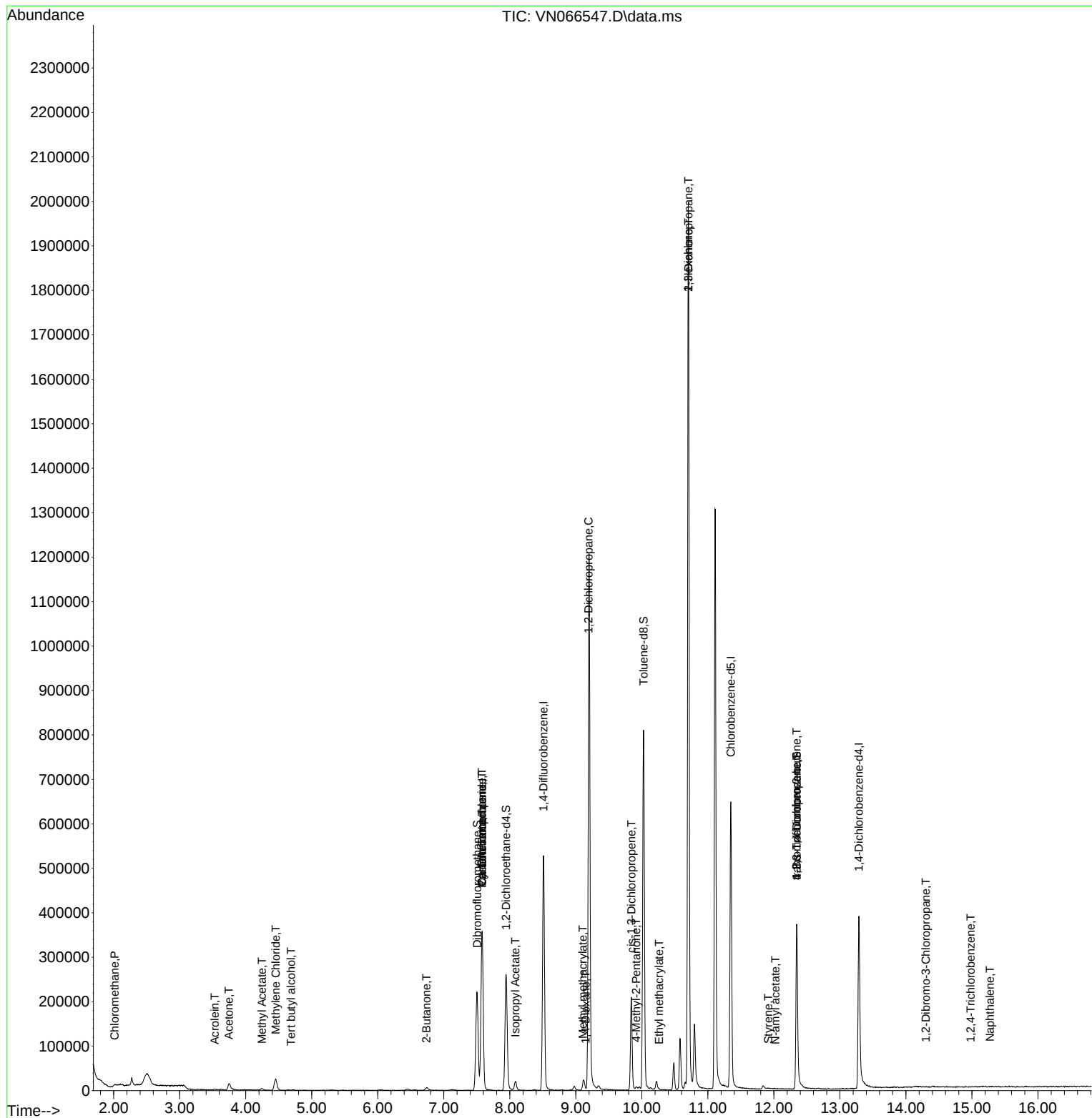
Internal Standards						
1) Pentafluorobenzene	7.582	168	299678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	456085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	375297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	124633	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	223328	56.59	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.18%			
35) Dibromofluoromethane	7.504	113	169931	54.67	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.34%			
50) Toluene-d8	10.025	98	558179	47.26	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.52%			
62) 4-Bromofluorobenzene	12.345	95	132821	34.68	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 69.36%#			
Target Compounds					Qvalue	
3) Chloromethane	2.011	50	2052	0.46	ug/l	97
11) Tert butyl alcohol	4.685	59	143	0.22	ug/l #	85
13) Acrolein	3.529	56	917	6.28	ug/l	84
16) Acetone	3.744	43	25666	15.52	ug/l	92
18) Methyl Acetate	4.246	43	6369	1.54	ug/l #	89
20) Methylene Chloride	4.455	84	17398	4.90	ug/l #	96
25) 2-Butanone	6.734	43	4024	1.62	ug/l #	90
31) Cyclohexane	7.579	56	6803	1.25	ug/l #	41
36) 1,1-Dichloropropene	7.579	75	22761	5.14	ug/l #	48
38) Carbon Tetrachloride	7.579	117	27835	6.20	ug/l #	17
43) Isopropyl Acetate	8.083	43	25252	2.97	ug/l	97
45) 1,2-Dichloropropane	9.191	63	1166	0.32	ug/l #	43
48) Methyl methacrylate	9.105	41	5965	1.58	ug/l #	12
49) 1,4-Dioxane	9.148	88	1105	21.60	ug/l #	71
51) 4-Methyl-2-Pentanone	9.915	43	4946	0.98	ug/l	100
54) cis-1,3-Dichloropropene	9.840	75	37548	6.64	ug/l #	61
56) Ethyl methacrylate	10.261	69	84	3.73	ug/l #	22
57) 1,3-Dichloropropane	10.704	76	19517	3.43	ug/l #	42
59) 2-Hexanone	10.704	43	286064	82.61	ug/l #	53
70) Styrene	11.913	104	56	2.78	ug/l #	57
74) N-amyl acetate	12.023	43	377	12.82	ug/l #	57
76) 1,2,3-Trichloropropane	12.345	75	68957	24.53	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.345	75	68957	67.64	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.300	75	57	0.42	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.979	180	24	2.25	ug/l #	12
95) Naphthalene	15.274	128	371	2.02	ug/l #	69

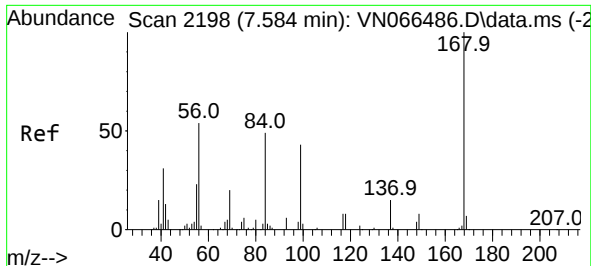
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040821\
Data File : VN066547.D
Acq On : 9 Apr 2021 1:19
Operator : JC/MD
Sample : M1961-20
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 09 04:36:41 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

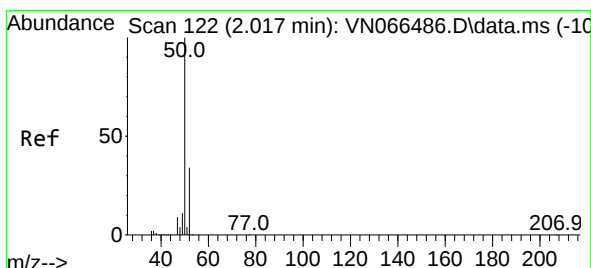
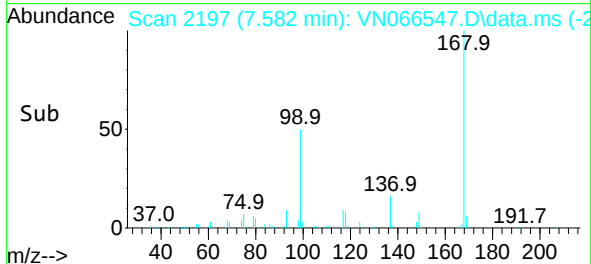
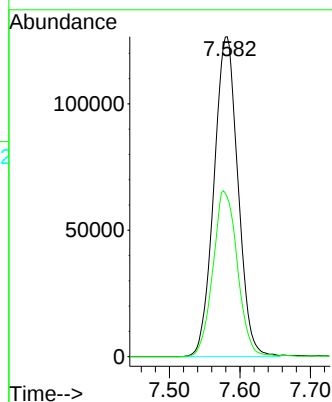
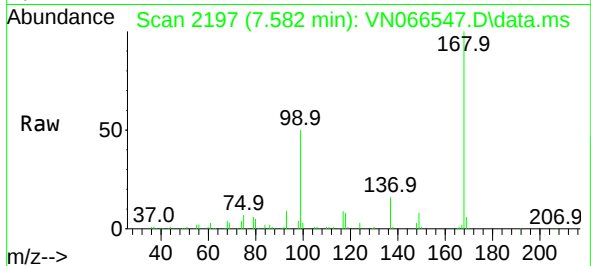




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.002 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

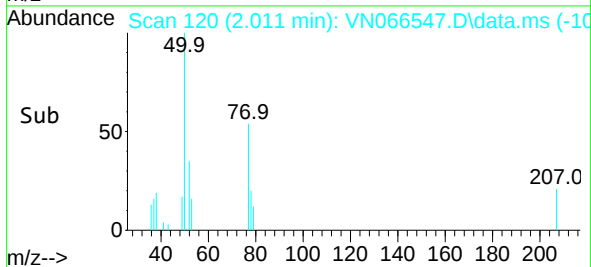
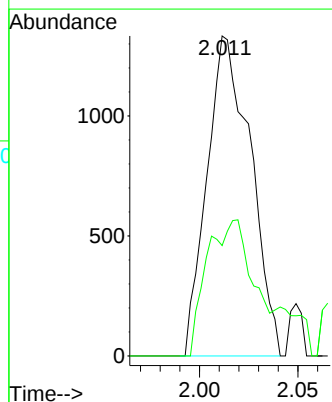
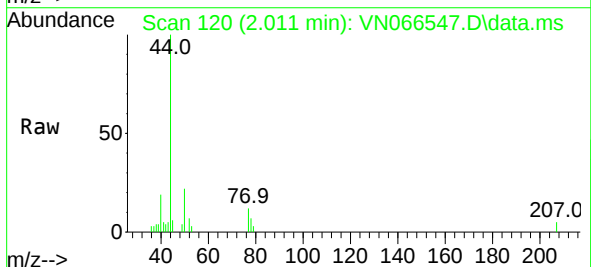
Instrument :
MSVOA_N
ClientSampleId :

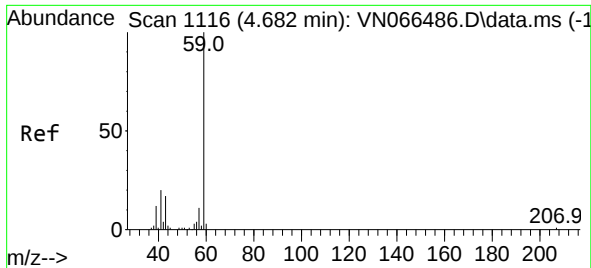
Tgt Ion:168 Resp: 299678
Ion Ratio Lower Upper
168 100
99 49.9 41.1 61.7



#3
Chloromethane
Concen: 0.46 ug/l
RT: 2.011 min Scan# 120
Delta R.T. -0.006 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

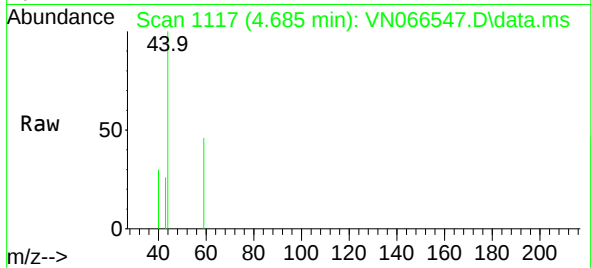
Tgt Ion: 50 Resp: 2052
Ion Ratio Lower Upper
50 100
52 34.5 26.2 39.2



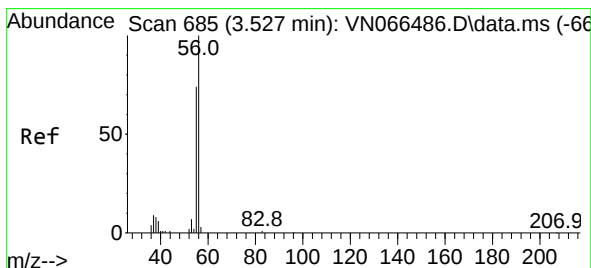
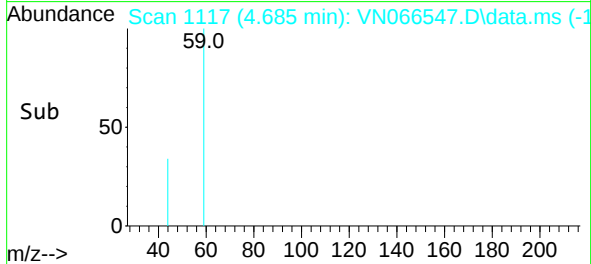
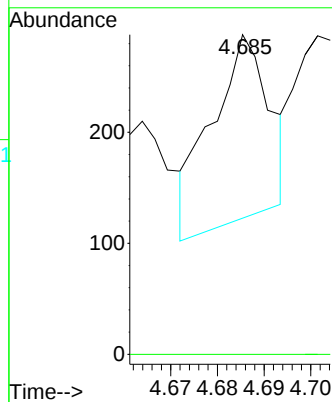


#11
Tert butyl alcohol
Concen: 0.22 ug/l
RT: 4.685 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

Instrument :
MSVOA_N
ClientSampled :

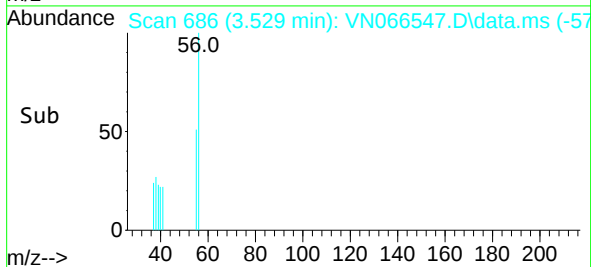
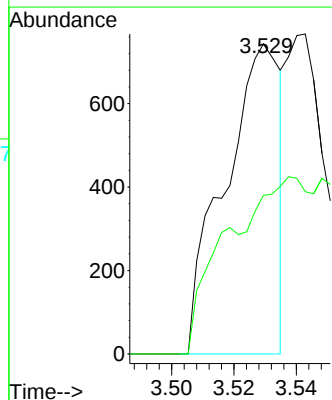
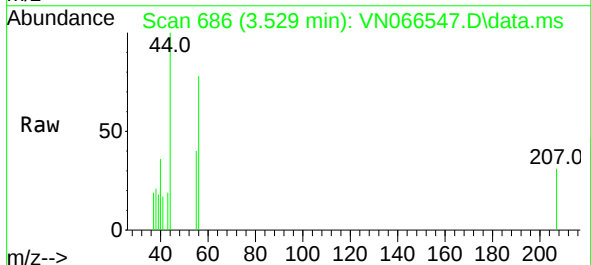


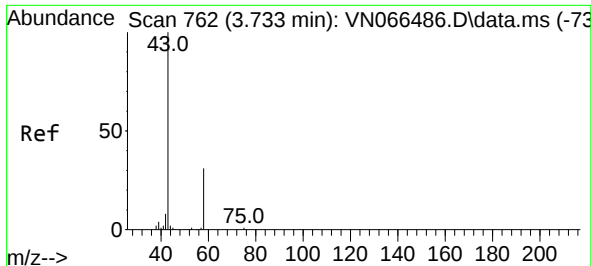
Tgt Ion: 59 Resp: 143
Ion Ratio Lower Upper
59 100
57 0.0 4.1 6.1#



#13
Acrolein
Concen: 6.28 ug/l
RT: 3.529 min Scan# 686
Delta R.T. 0.002 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

Tgt Ion: 56 Resp: 917
Ion Ratio Lower Upper
56 100
55 85.8 57.9 86.9

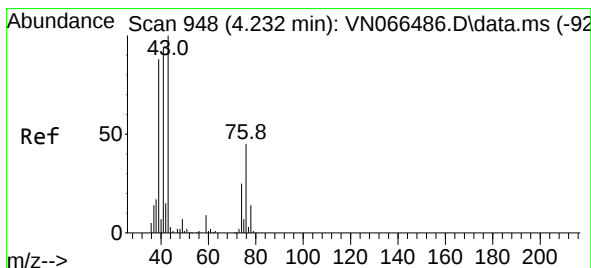
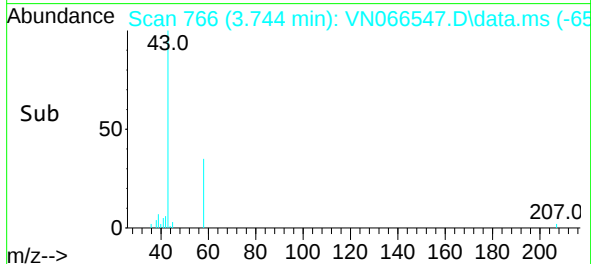
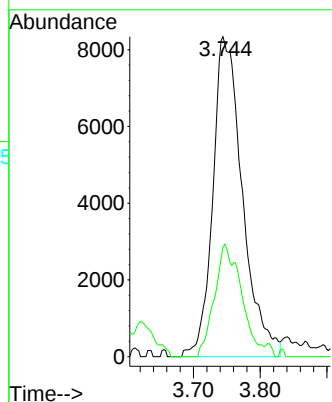
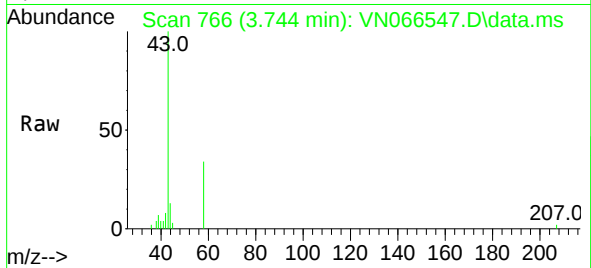




#16
Acetone
Concen: 15.52 ug/l
RT: 3.744 min Scan# 766
Delta R.T. 0.011 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

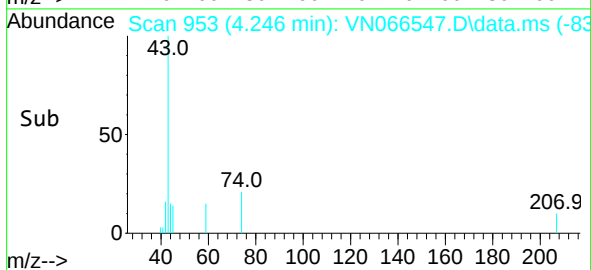
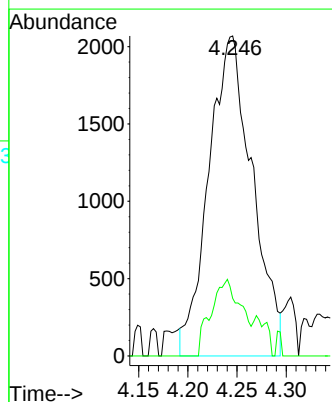
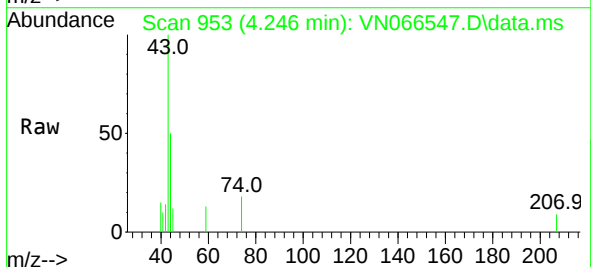
Instrument :
MSVOA_N
ClientSampled :

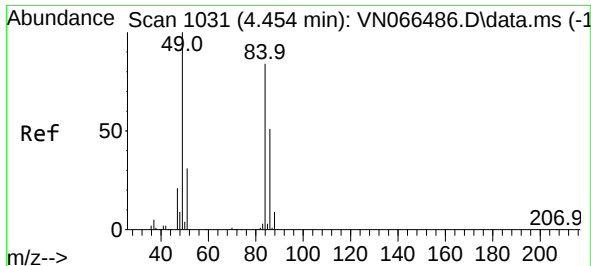
Tgt Ion: 43 Resp: 25666
Ion Ratio Lower Upper
43 100
58 34.1 23.8 35.8



#18
Methyl Acetate
Concen: 1.54 ug/l
RT: 4.246 min Scan# 953
Delta R.T. 0.014 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

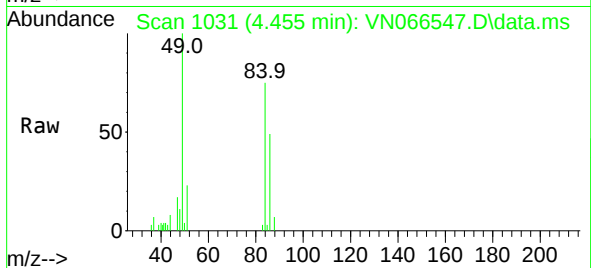
Tgt Ion: 43 Resp: 6369
Ion Ratio Lower Upper
43 100
74 16.7 17.6 26.4#



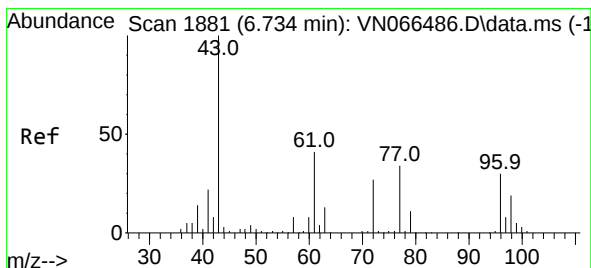
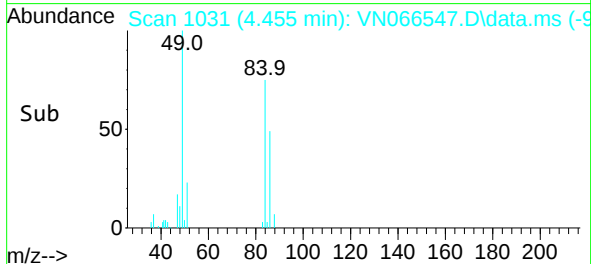
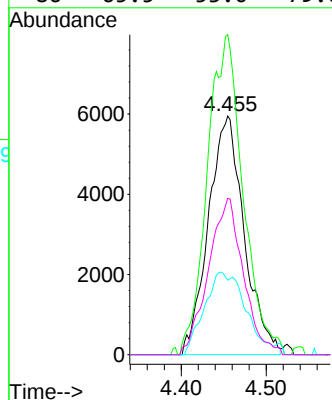


#20
Methylene Chloride
Concen: 4.90 ug/l
RT: 4.455 min Scan# 1031
Delta R.T. 0.001 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

Instrument :
MSVOA_N
ClientSampled :

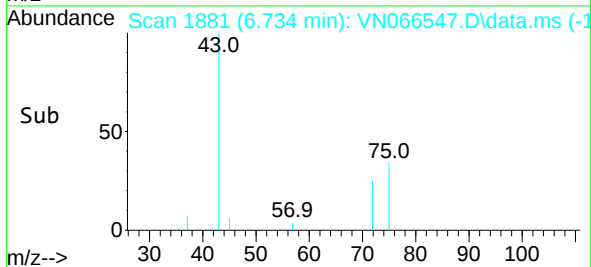
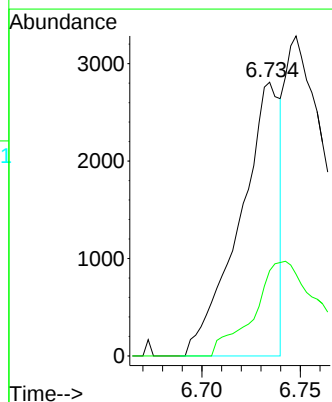
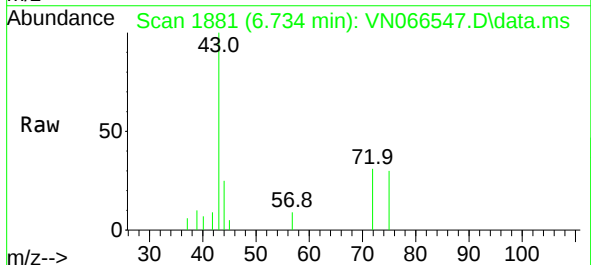


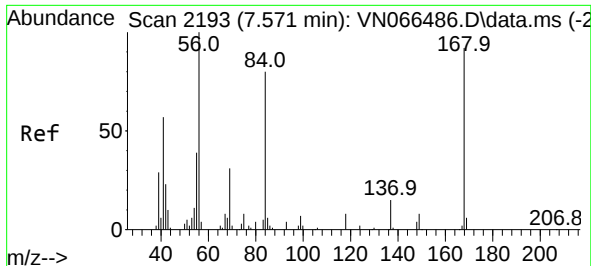
Tgt Ion: 84 Resp: 17398
Ion Ratio Lower Upper
84 100
49 134.1 105.0 157.6
51 31.2 31.6 47.4#
86 65.5 53.0 79.6



#25
2-Butanone
Concen: 1.62 ug/l
RT: 6.734 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

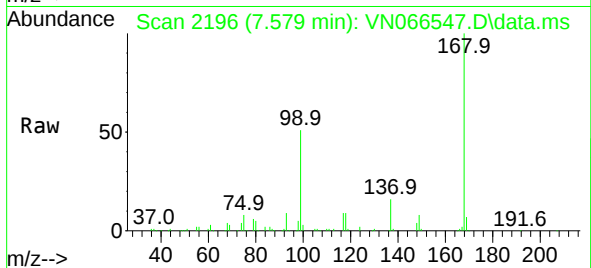
Tgt Ion: 43 Resp: 4024
Ion Ratio Lower Upper
43 100
72 31.1 20.7 31.1#



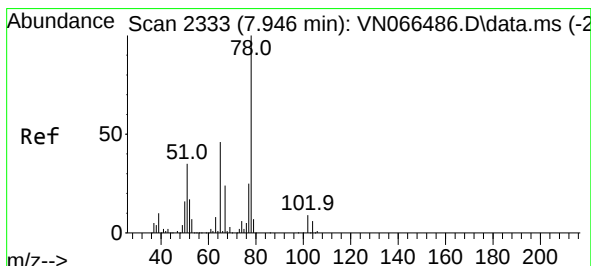
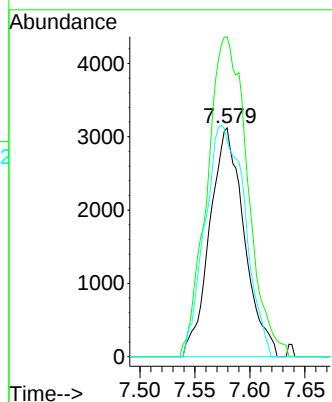
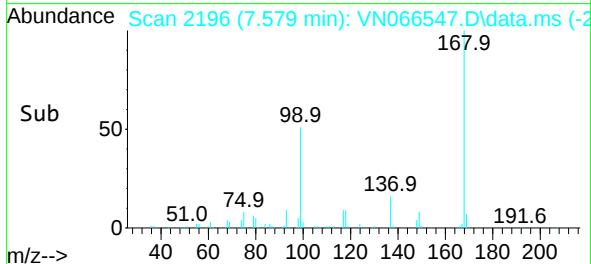


#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. 0.008 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

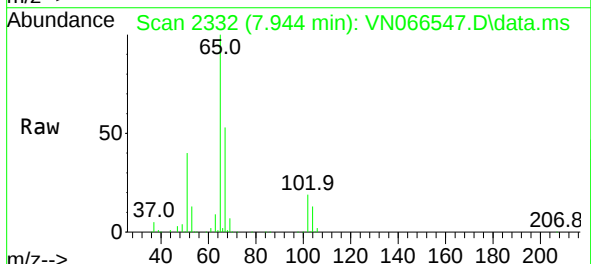
Instrument :
MSVOA_N
ClientSampleId :



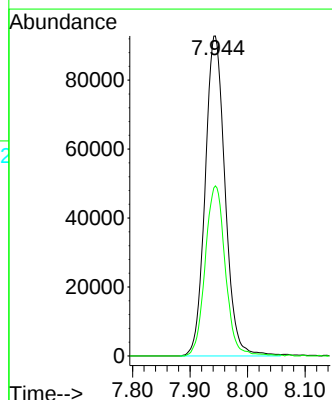
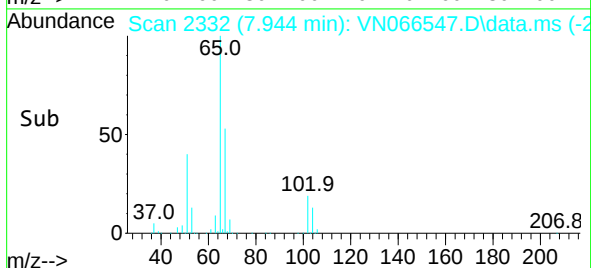
Tgt Ion: 56 Resp: 6803
Ion Ratio Lower Upper
56 100
69 139.9 26.6 40.0#
84 94.3 68.7 103.1

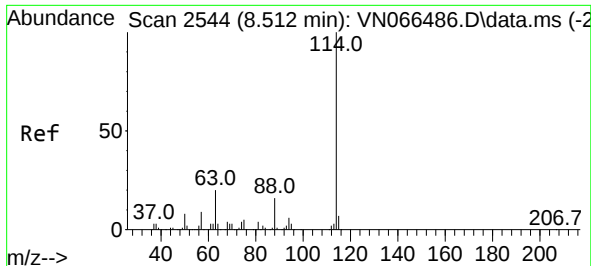


#33
1,2-Dichloroethane-d4
Concen: 56.59 ug/l
RT: 7.944 min Scan# 2332
Delta R.T. -0.002 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19



Tgt Ion: 65 Resp: 223328
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.2

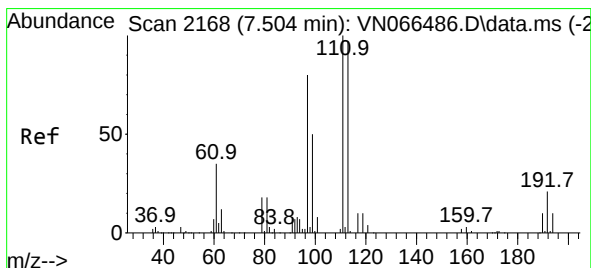
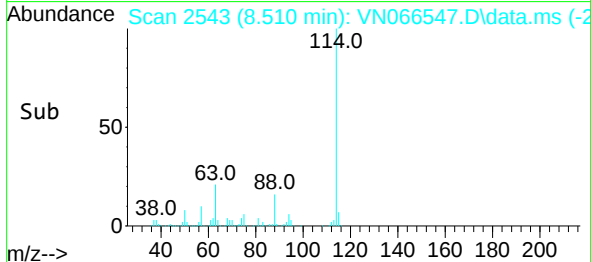
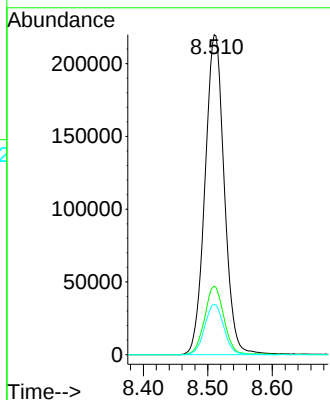
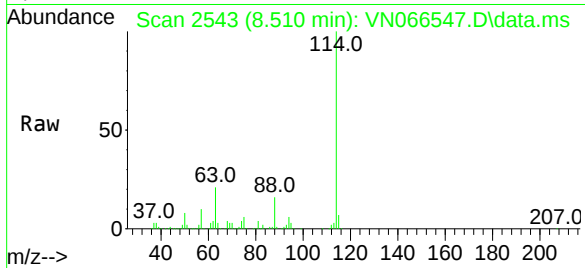




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.510 min Scan# 2543
Delta R.T. -0.002 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

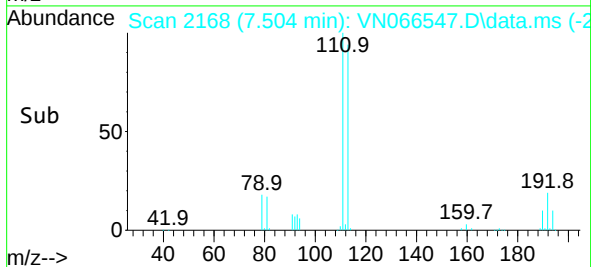
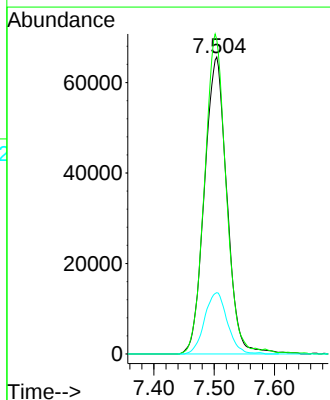
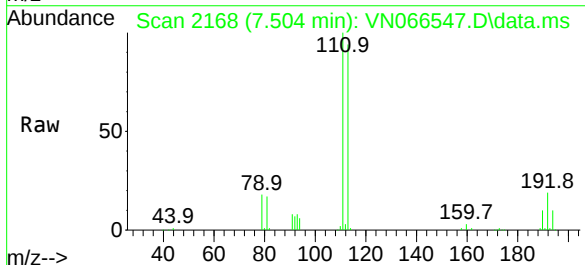
Instrument :
MSVOA_N
ClientSampleId :

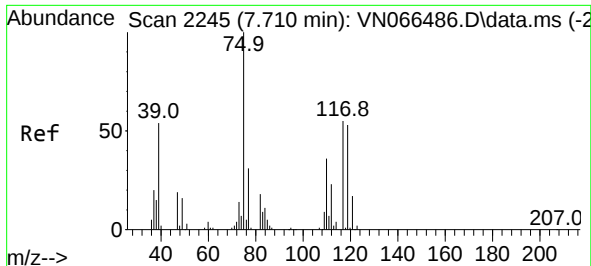
Tgt Ion:114 Resp: 456085
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.0
88 15.7 0.0 31.0



#35
Dibromofluoromethane
Concen: 54.67 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. 0.000 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

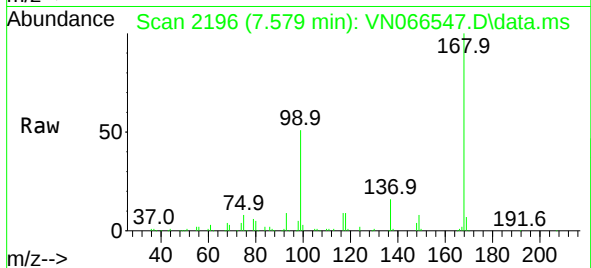
Tgt Ion:113 Resp: 169931
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.8
192 20.9 17.1 25.7



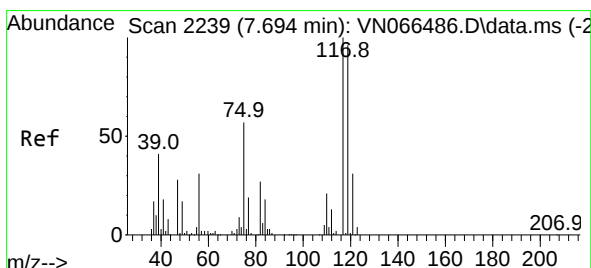
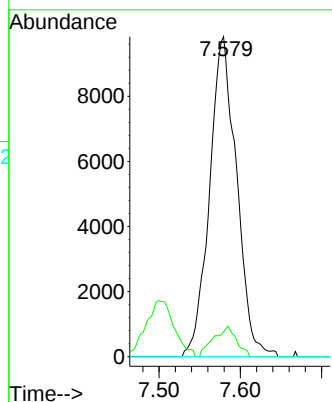
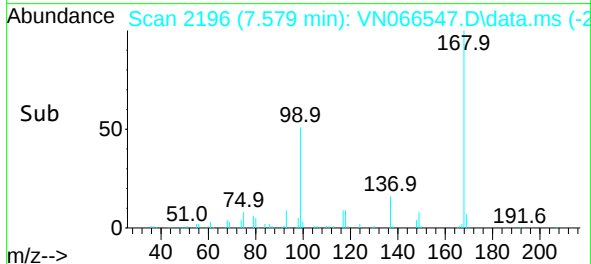


#36
1,1-Dichloropropene
Concen: 5.14 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. -0.131 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

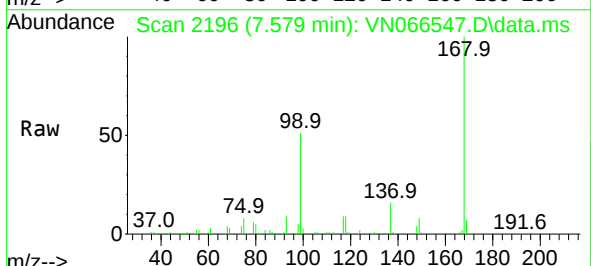
Instrument :
MSVOA_N
ClientSampleId :



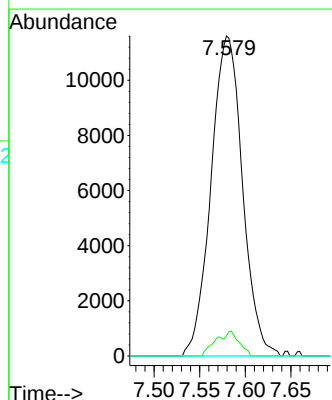
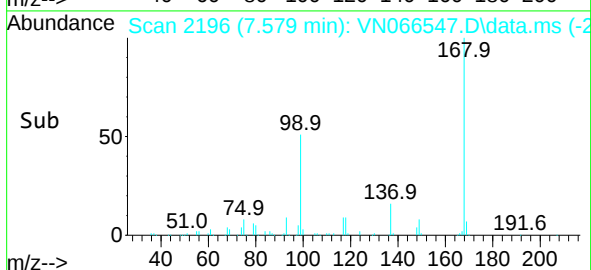
Tgt Ion: 75 Resp: 22761
Ion Ratio Lower Upper
75 100
110 8.0 18.1 54.3#
77 0.0 25.0 37.4#

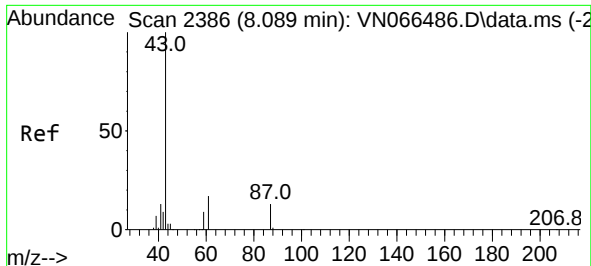


#38
Carbon Tetrachloride
Concen: 6.20 ug/l
RT: 7.579 min Scan# 2196
Delta R.T. -0.115 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19



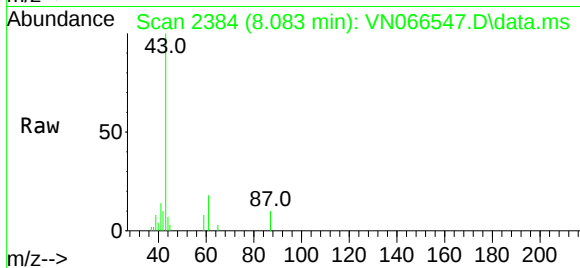
Tgt Ion: 117 Resp: 27835
Ion Ratio Lower Upper
117 100
119 6.3 77.2 115.8#
121 0.0 24.2 36.4#



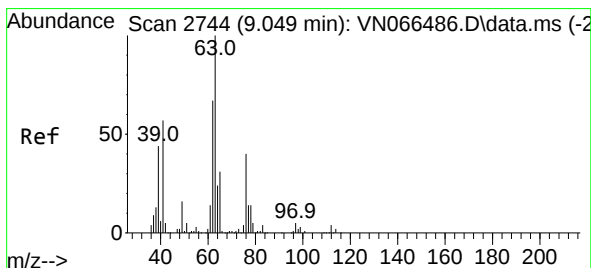
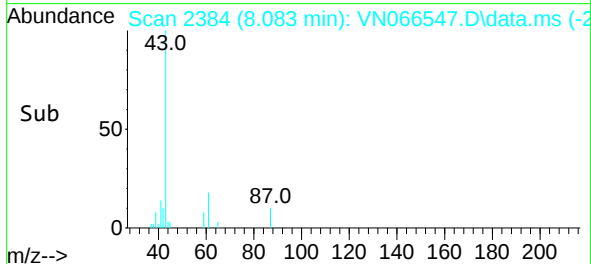
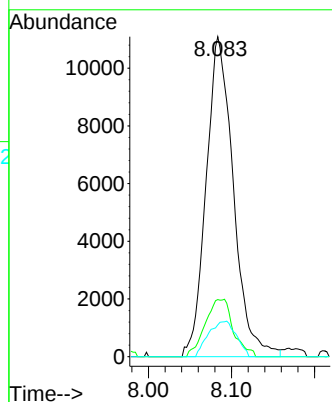


#43
Isopropyl Acetate
Concen: 2.97 ug/l
RT: 8.083 min Scan# 2384
Delta R.T. -0.006 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

Instrument :
MSVOA_N
ClientSampled :

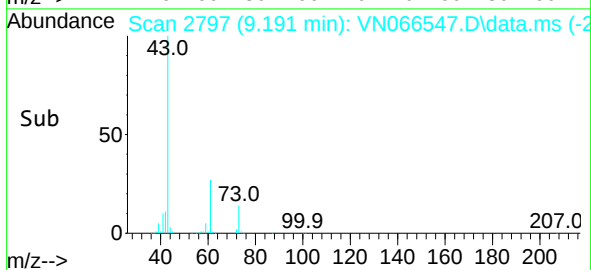
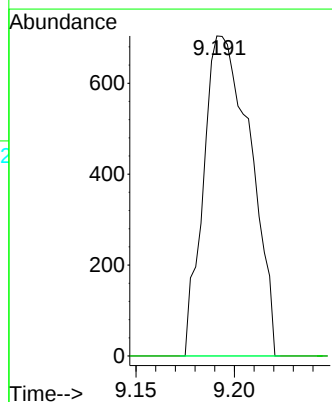
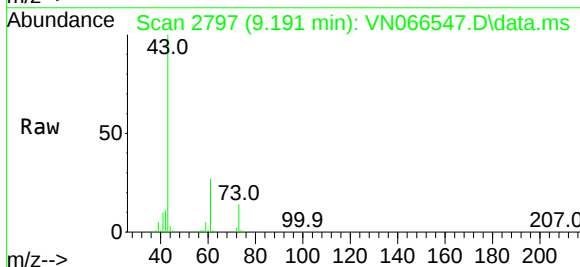


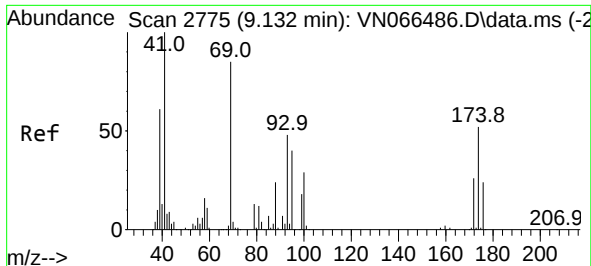
Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.5	23.3
87	11.3	10.5	15.7



#45
1,2-Dichloropropane
Concen: 0.32 ug/l
RT: 9.191 min Scan# 2797
Delta R.T. 0.142 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

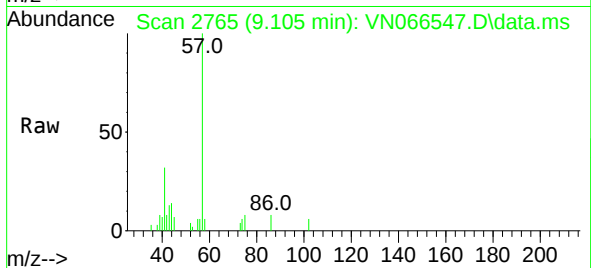
Tgt Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.5	38.3#



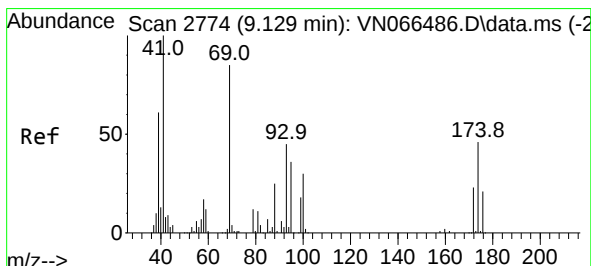
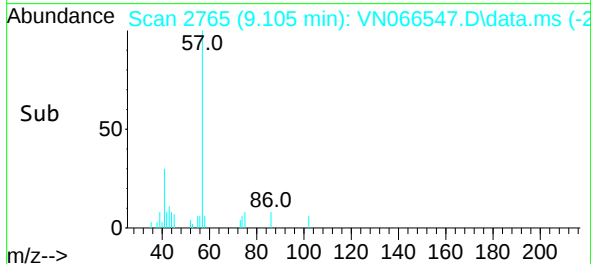
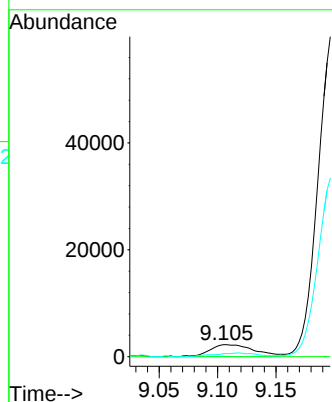


#48
Methyl methacrylate
Concen: 1.58 ug/l
RT: 9.105 min Scan# 2765
Delta R.T. -0.027 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

Instrument :
MSVOA_N
ClientSampled :

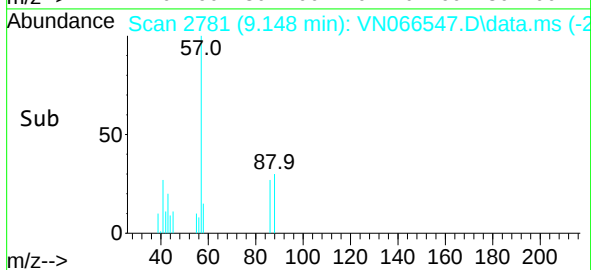
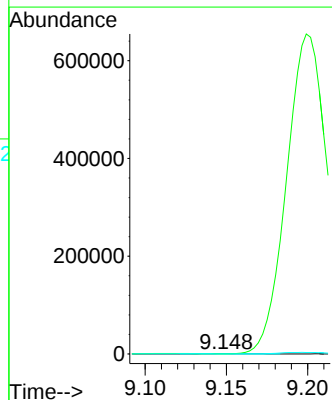
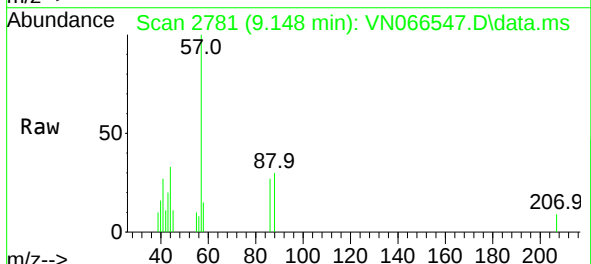


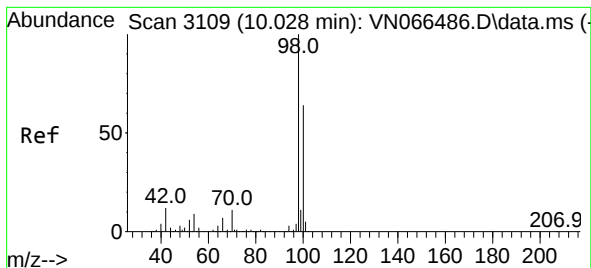
Tgt Ion: 41 Resp: 5965
Ion Ratio Lower Upper
41 100
69 0.0 66.2 99.4#
39 0.0 51.5 77.3#



#49
1,4-Dioxane
Concen: 21.60 ug/l
RT: 9.148 min Scan# 2781
Delta R.T. 0.019 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

Tgt Ion: 88 Resp: 1105
Ion Ratio Lower Upper
88 100
43 0.0 28.2 42.4#
58 59.2 56.6 84.8

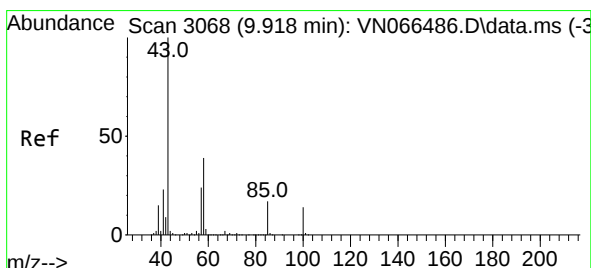
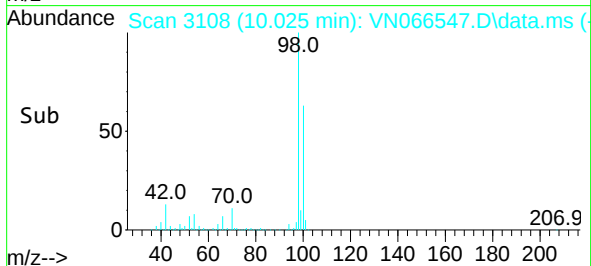
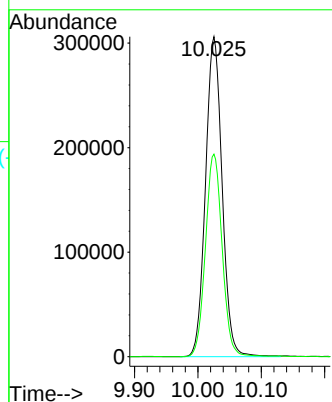
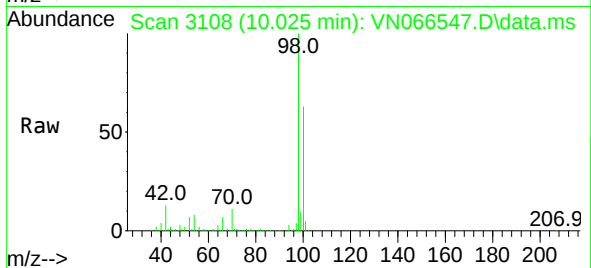




#50
Toluene-d8
Concen: 47.26 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.003 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

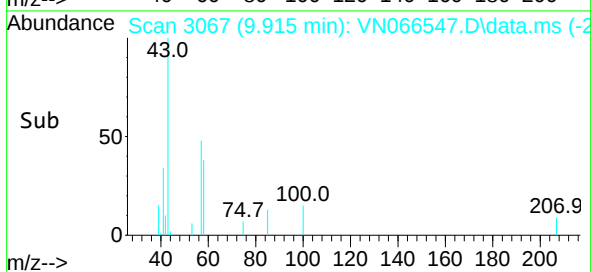
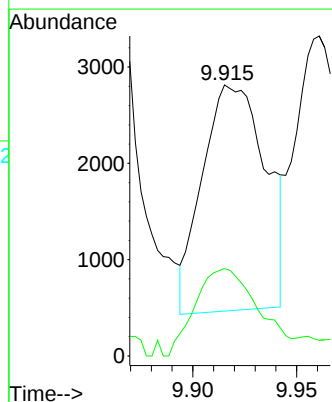
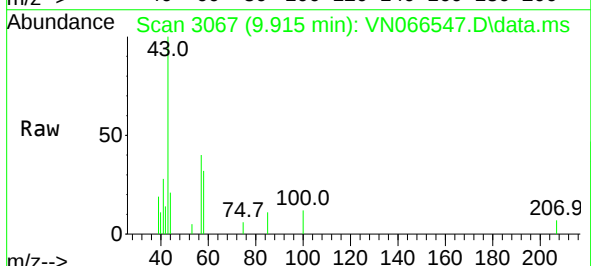
Instrument :
MSVOA_N
ClientSampled :

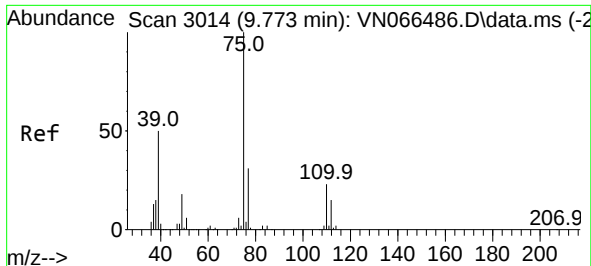
Tgt Ion: 98 Resp: 558179
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.98 ug/l
RT: 9.915 min Scan# 3067
Delta R.T. -0.003 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

Tgt Ion: 43 Resp: 4946
Ion Ratio Lower Upper
43 100
58 38.8 30.8 46.2

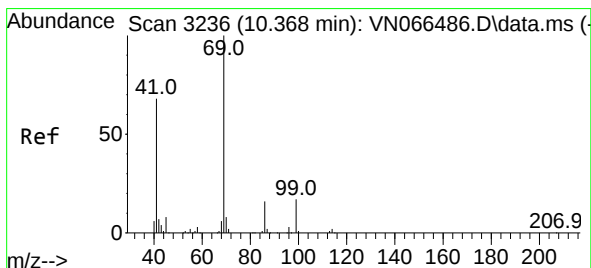
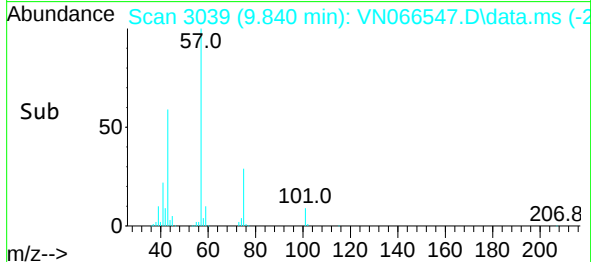
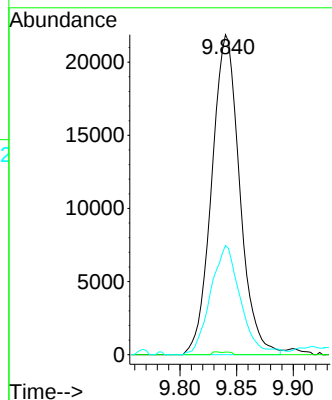
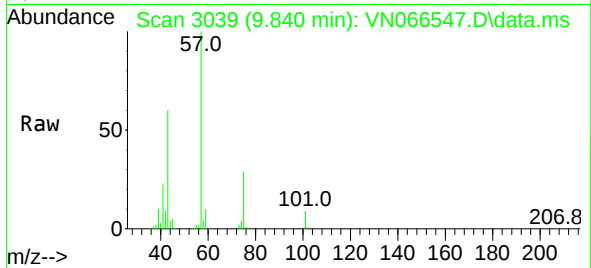




#54
cis-1,3-Dichloropropene
Concen: 6.64 ug/l
RT: 9.840 min Scan# 3039
Delta R.T. 0.067 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

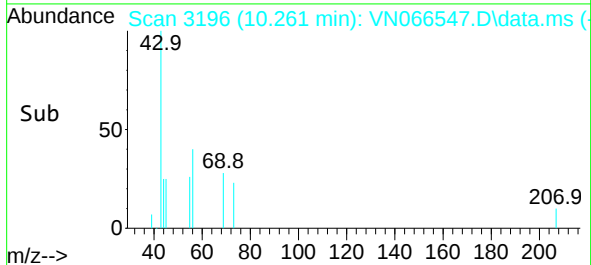
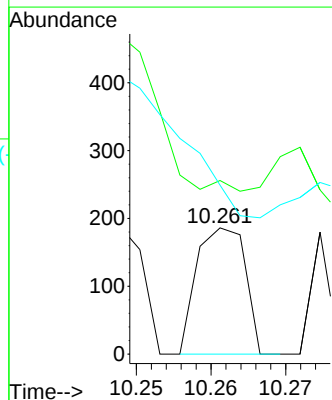
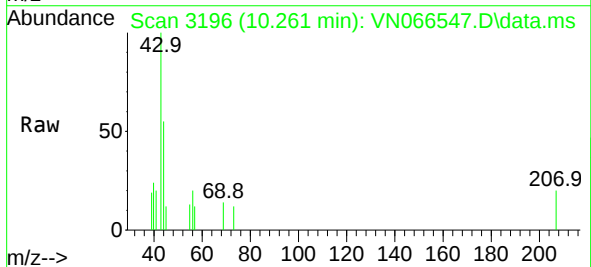
Instrument :
MSVOA_N
ClientSampled :

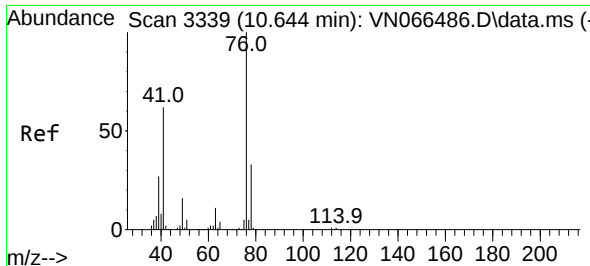
Tgt Ion: 75 Resp: 37548
Ion Ratio Lower Upper
75 100
77 0.8 25.4 38.2#
39 34.1 44.2 66.4#



#56
Ethyl methacrylate
Concen: 3.73 ug/l
RT: 10.261 min Scan# 3196
Delta R.T. -0.107 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

Tgt Ion: 69 Resp: 84
Ion Ratio Lower Upper
69 100
41 0.0 55.3 82.9#
39 0.0 33.8 50.6#

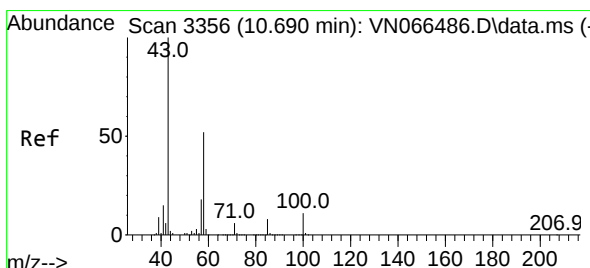
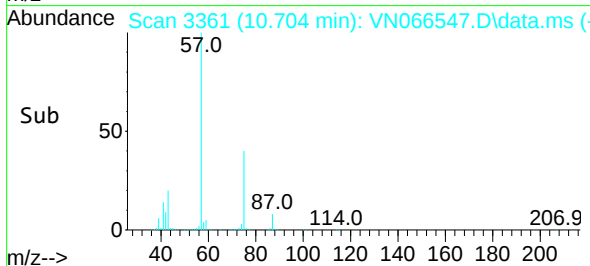
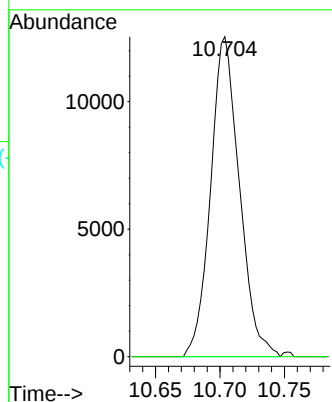
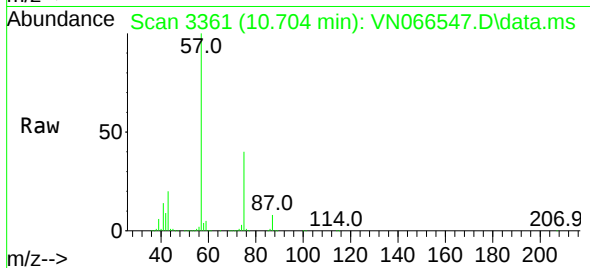




#57
1,3-Dichloropropane
Concen: 3.43 ug/l
RT: 10.704 min Scan# 3361
Delta R.T. 0.060 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

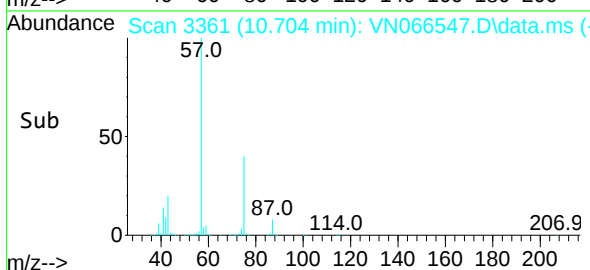
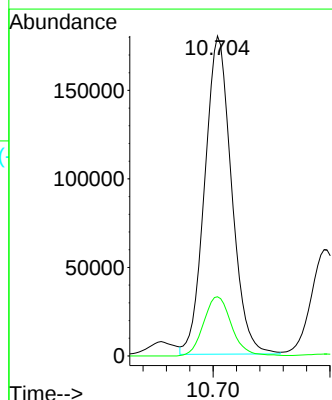
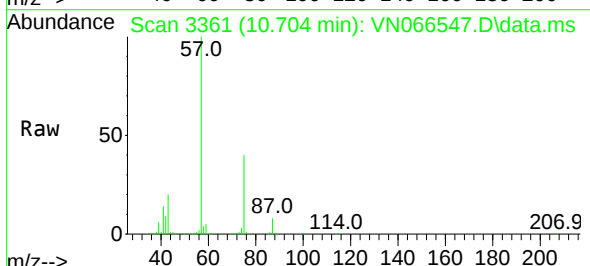
Instrument :
MSVOA_N
ClientSampled :

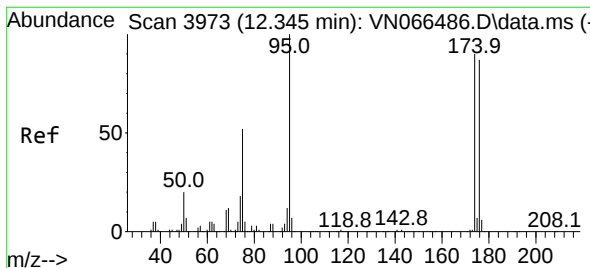
Tgt Ion: 76 Resp: 19517
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#



#59
2-Hexanone
Concen: 82.61 ug/l
RT: 10.704 min Scan# 3361
Delta R.T. 0.014 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

Tgt Ion: 43 Resp: 286064
Ion Ratio Lower Upper
43 100
58 19.5 26.6 79.8#

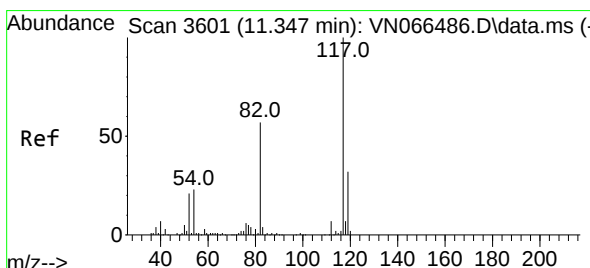
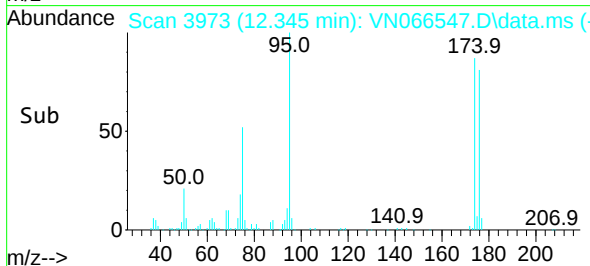
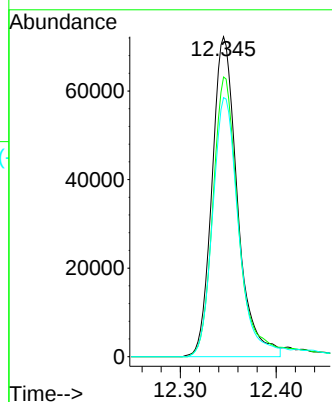
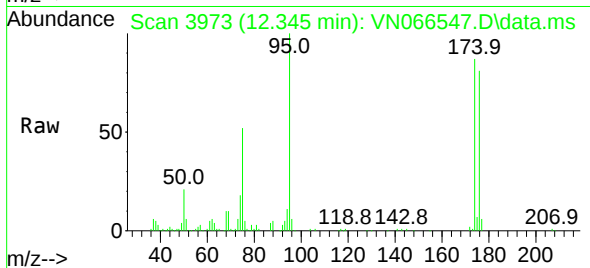




#62
4-Bromofluorobenzene
Concen: 34.68 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

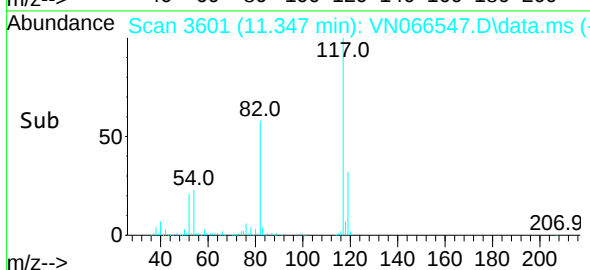
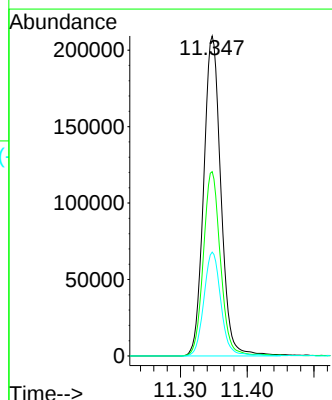
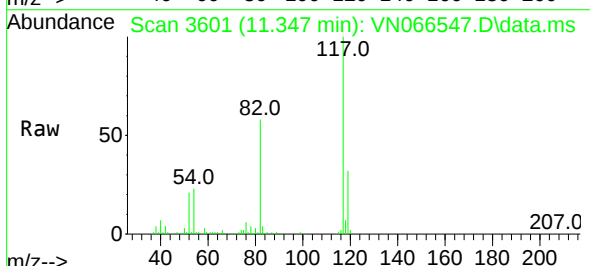
Instrument :
MSVOA_N
ClientSampled :

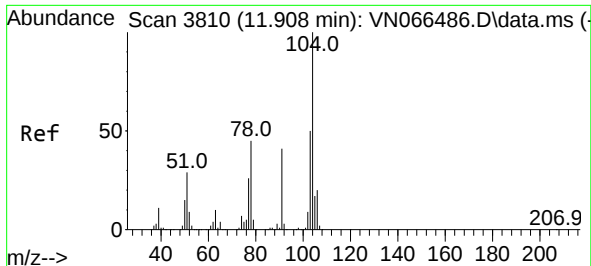
Tgt Ion: 95 Resp: 132821
Ion Ratio Lower Upper
95 100
174 90.6 0.0 172.2
176 83.5 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

Tgt Ion: 117 Resp: 375297
Ion Ratio Lower Upper
117 100
82 57.6 44.2 66.4
119 32.5 25.8 38.6

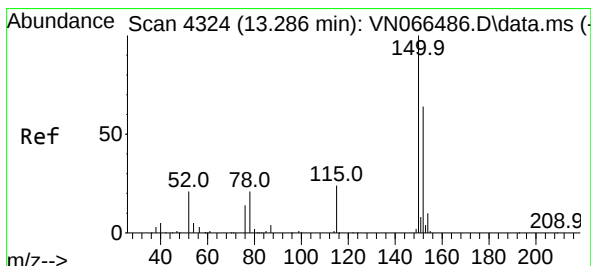
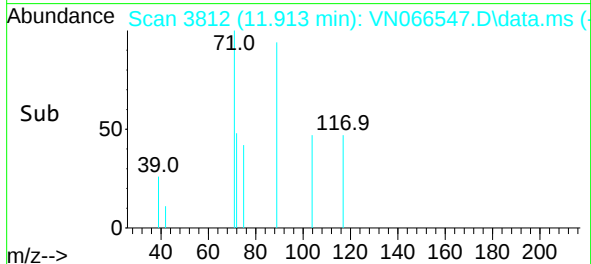
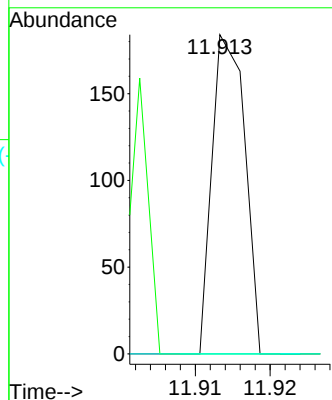
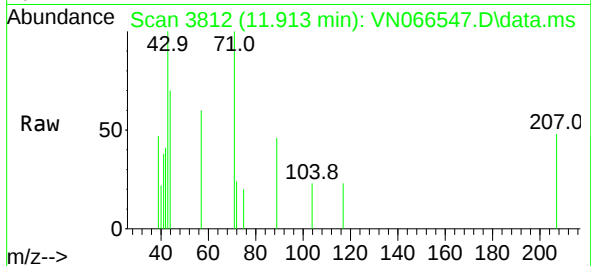




#70
Styrene
Concen: 2.78 ug/l
RT: 11.913 min Scan# 3812
Delta R.T. 0.005 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

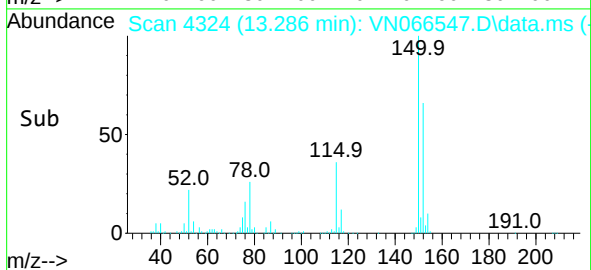
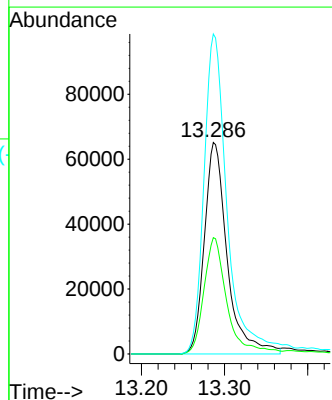
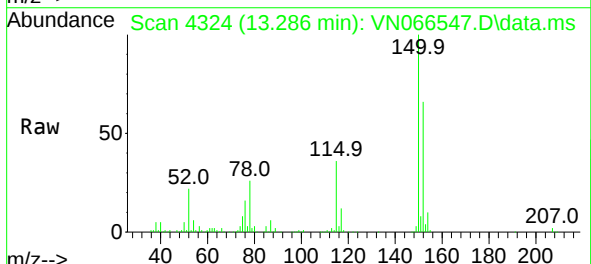
Instrument :
MSVOA_N
ClientSampled :

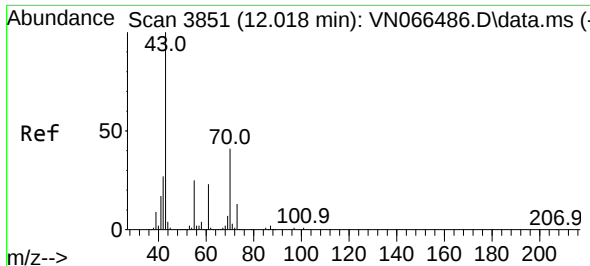
Tgt Ion:104 Resp: 56
Ion Ratio Lower Upper
104 100
78 46.4 40.7 61.1
103 0.0 44.2 66.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

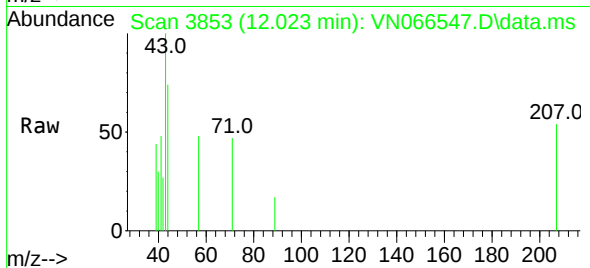
Tgt Ion:152 Resp: 124633
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 154.9 0.0 348.4



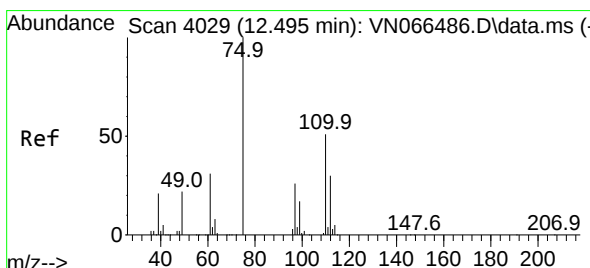
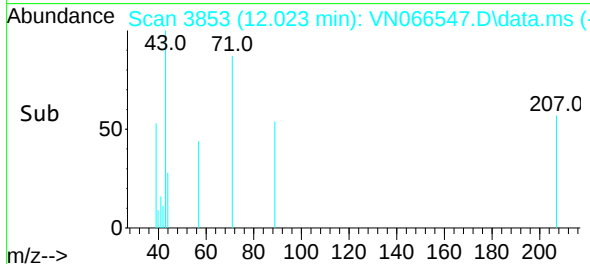
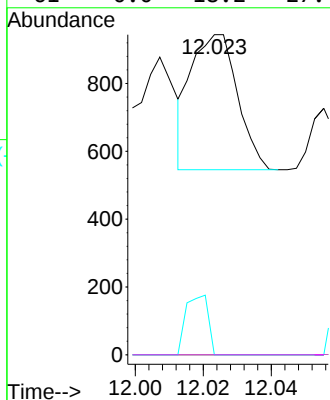


#74
N-amy1 acetate
Concen: 12.82 ug/l
RT: 12.023 min Scan# 3853
Delta R.T. 0.005 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

Instrument :
MSVOA_N
ClientSampled :

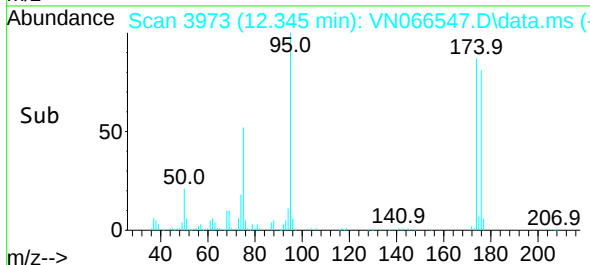
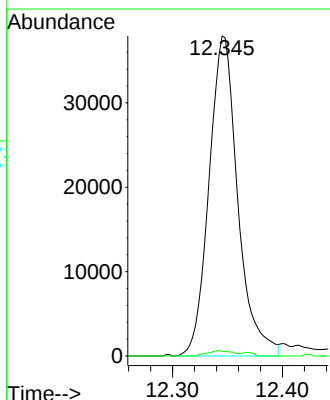
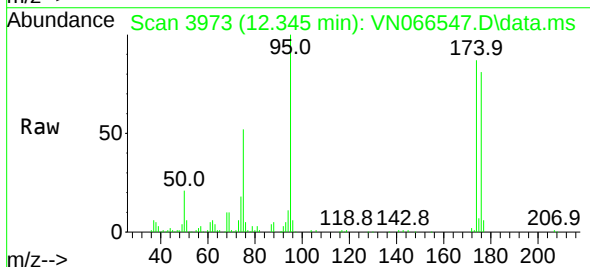


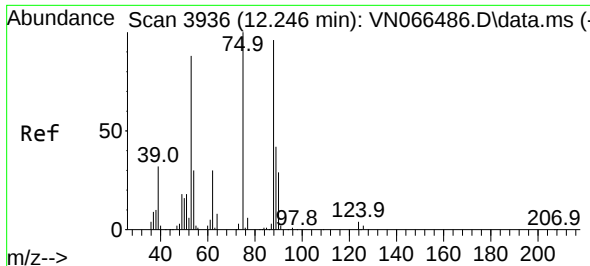
Tgt Ion: 43 Resp: 377
Ion Ratio Lower Upper
43 100
70 0.0 31.2 46.8#
55 21.2 18.6 28.0
61 0.0 18.2 27.4#



#76
1,2,3-Trichloropropane
Concen: 24.53 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.150 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

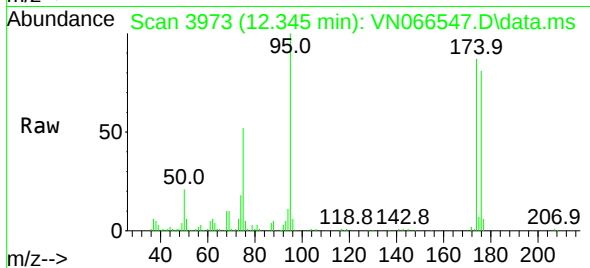
Tgt Ion: 75 Resp: 68957
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



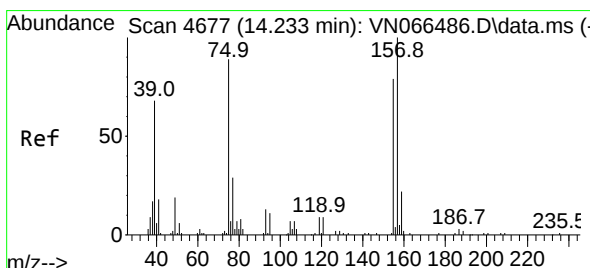
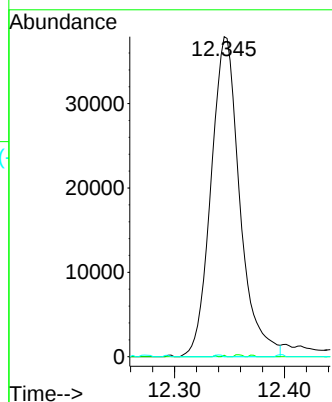
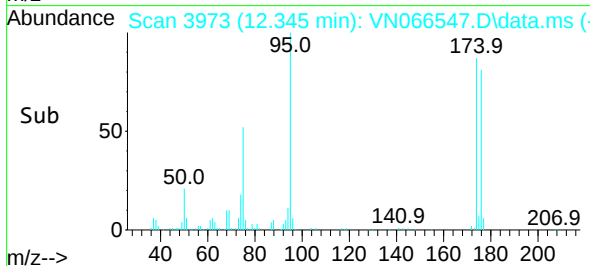


#81
trans-1,4-Dichloro-2-butene
Concen: 67.64 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.099 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

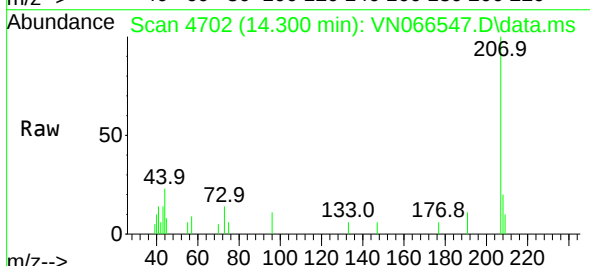
Instrument :
MSVOA_N
ClientSampleId :



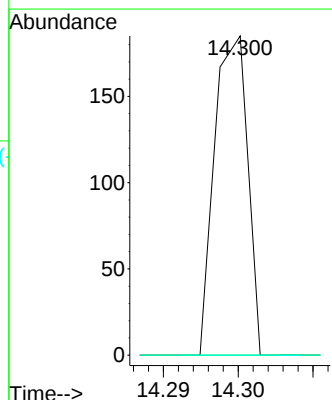
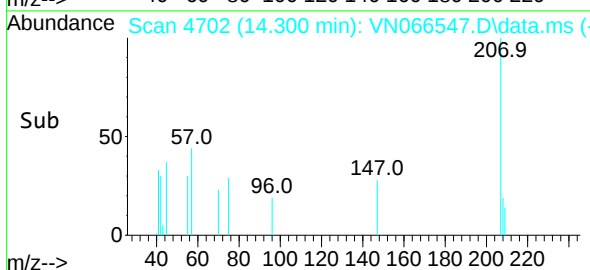
Tgt Ion: 75 Resp: 68957
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 0.0 35.7 53.5#

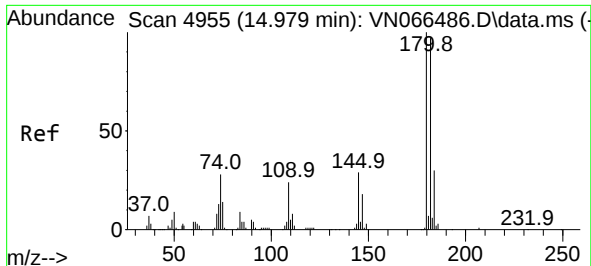


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.42 ug/l
RT: 14.300 min Scan# 4702
Delta R.T. 0.067 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19



Tgt Ion: 75 Resp: 57
Ion Ratio Lower Upper
75 100
155 0.0 43.8 131.3#
157 0.0 57.6 172.8#

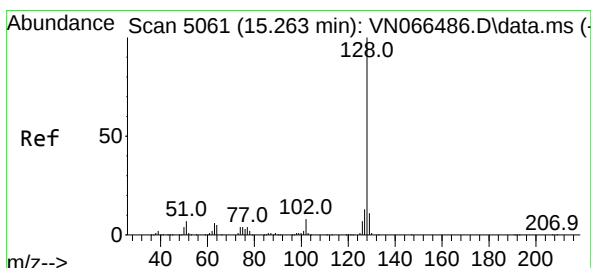
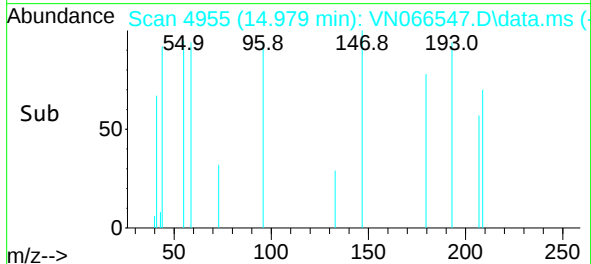
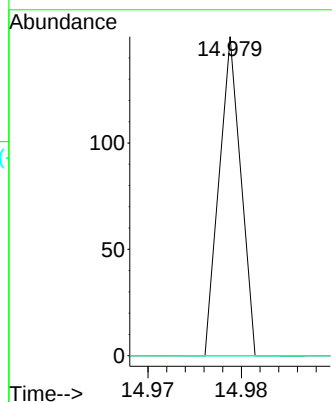
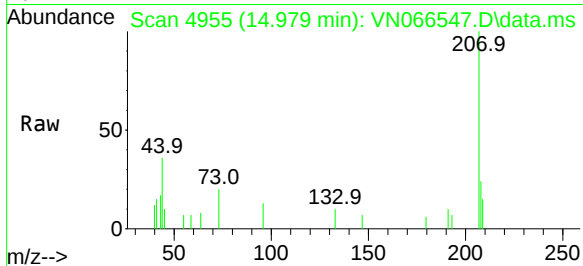




#93
1,2,4-Trichlorobenzene
Concen: 2.25 ug/l
RT: 14.979 min Scan# 4955
Delta R.T. -0.000 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:180 Resp: 24
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.3#
145 0.0 14.2 42.8#



#95
Naphthalene
Concen: 2.02 ug/l
RT: 15.274 min Scan# 5065
Delta R.T. 0.011 min
Lab File: VN066547.D
Acq: 9 Apr 2021 1:19

Tgt Ion:128 Resp: 371
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.5 12.7#

