

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041321\
 Data File : VN066578.D
 Acq On : 13 Apr 2021 14:30
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 14 02:24:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Apr 13 16:46:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.099	128	48861	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.510	114	230707	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.347	117	212690	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.944	65	137084	30.62	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.07%
60) 4-Bromofluorobenzene	12.347	95	75700	22.15	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	73.83%
63) Toluene-d8	10.028	98	306340	30.44	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.47%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.813	85	1340	0.37	ug/l	87
3) Chloromethane	2.017	50	5384	1.10	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.669	101	1178	0.36	ug/l #	34
13) Acrolein	3.221	56	185	0.26	ug/l	94
14) Acrylonitrile	4.873	53	485	0.26	ug/l #	34
15) Acetone	3.728	58	273	0.44	ug/l	94
16) Carbon Disulfide	3.958	76	21217	1.95	ug/l #	92
23) tert-Butyl Alcohol	4.669	59	369	0.62	ug/l #	100
29) 1,1-Dichloropropene	7.702	75	1348	0.29	ug/l	67
30) 2-Butanone	6.737	43	1257	0.47	ug/l #	73
35) Methacrylonitrile	7.075	41	1298	0.49	ug/l	73
37) Trichloroethene	8.759	130	1617	0.52	ug/l #	65
40) Dibromomethane	9.129	93	700	0.29	ug/l	47
45) 1,4-Dioxane	9.126	88	745	14.73	ug/l #	31
47) n-amyl Acetate	11.733	43	291	11.99	ug/l	95
53) Dibromochloromethane	10.846	129	976	0.26	ug/l	87
54) 1,2-Dibromoethane	10.945	107	807	0.24	ug/l #	77
55) 2-Chloroethyl vinyl ether	9.636	63	621	44.15	ug/l #	68
56) Bromoform	12.074	173	631	0.25	ug/l #	48
58) 4-Methyl-2-Pentanone	9.920	43	12612	2.43	ug/l #	89
59) 2-Hexanone	10.698	43	13420	3.80	ug/l	91
61) Tetrachloroethene	10.564	164	1335	0.52	ug/l #	87
62) Toluene	10.095	91	4001	0.30	ug/l #	76
64) Chlorobenzene	11.371	112	4236	0.55	ug/l	92
66) Ethyl Benzene	11.457	91	4974	0.35	ug/l	95
67) m/p-Xylenes	11.559	106	3484	0.65	ug/l #	57
68) o-Xylene	11.559	106	3484	0.70	ug/l	53
69) Styrene	11.908	104	2605	0.31	ug/l #	72
70) Isopropylbenzene	12.192	105	3762	0.28	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.452	83	2355	0.50	ug/l #	94
72) 1,2,3-Trichloropropane	12.508	75	1600	0.37	ug/l #	1
73) Bromobenzene	12.465	156	1271	0.40	ug/l	34
75) 2-Chlorotoluene	12.618	91	2143	0.22	ug/l	64
76) 1,3,5-Trimethylbenzene	12.680	105	3540	0.31	ug/l	89
79) tert-butylbenzene	12.938	119	4044	0.44	ug/l	93
80) 1,2,4-Trimethylbenzene	12.986	105	2285	0.21	ug/l	66
81) sec-Butylbenzene	13.120	105	5524	0.43	ug/l	98
82) p-Isopropyltoluene	13.241	119	6570	0.59	ug/l	70
83) 1,3-Dichlorobenzene	13.235	146	3241	0.57	ug/l	74

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

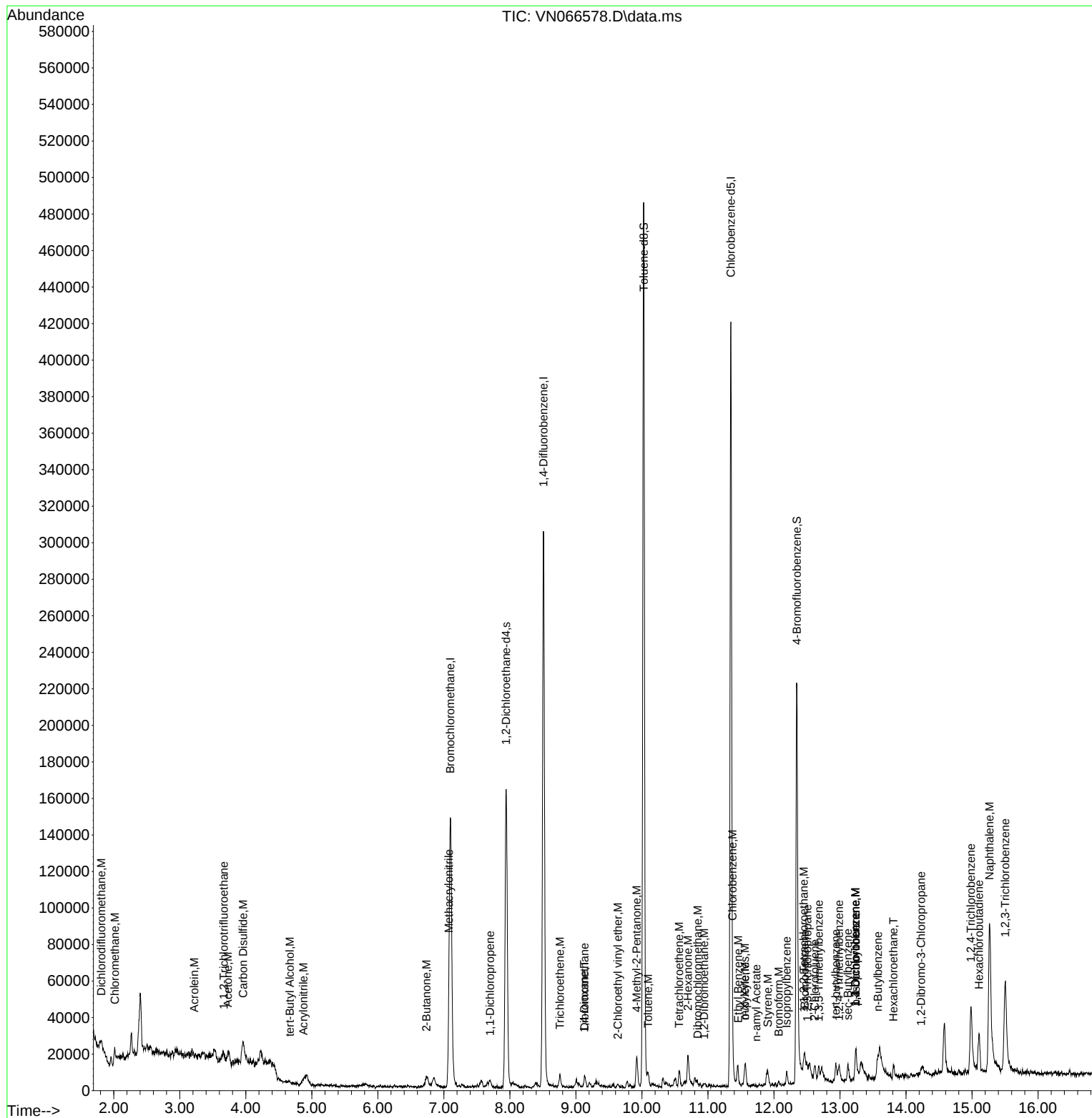
84) 1,4-Dichlorobenzene	13.235	146	3241	0.58	ug/l	75
85) n-Butylbenzene	13.573	91	8249	0.83	ug/l	66
86) Hexachloroethane	13.812	117	799	0.33	ug/l	78
87) 1,2-Dichlorobenzene	13.235	146	3241	0.59	ug/l	73
88) 1,2-Dibromo-3-Chloropr...	14.228	75	308	0.36	ug/l #	88
89) 1,2,4-Trichlorobenzene	14.984	180	7059	2.23	ug/l #	1
90) Hexachlorobutadiene	15.107	225	4556	2.62	ug/l	83
91) Naphthalene	15.263	128	100170	11.32	ug/l	98
92) 1,2,3-Trichlorobenzene	15.504	180	20391	6.52	ug/l	95

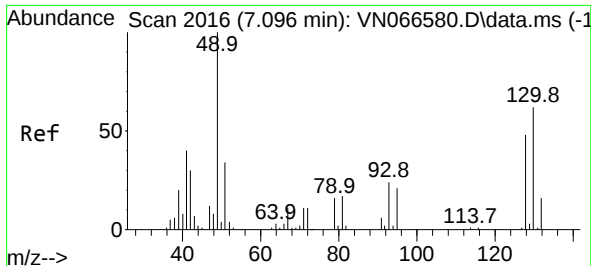
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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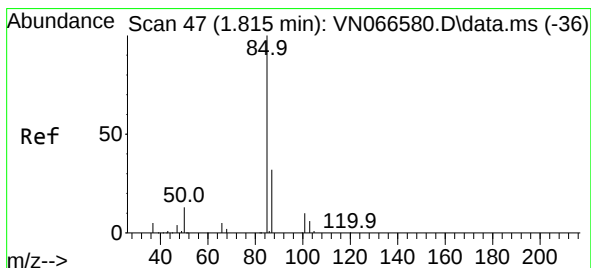
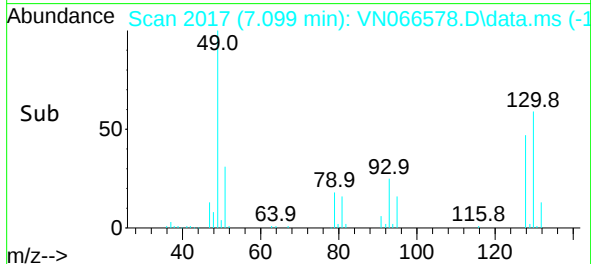
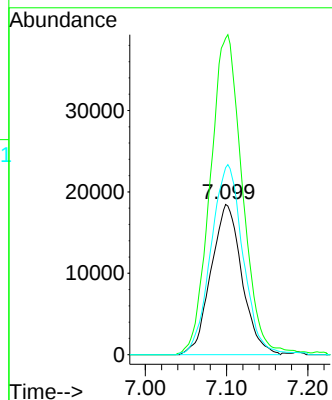
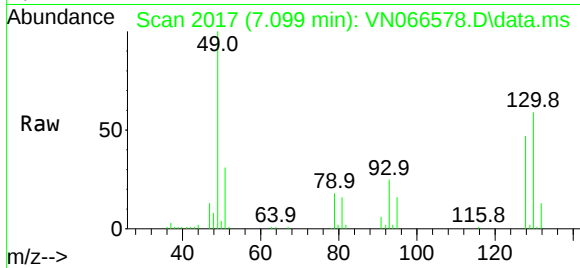




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.099 min Scan# 2017
Delta R.T. -0.008 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

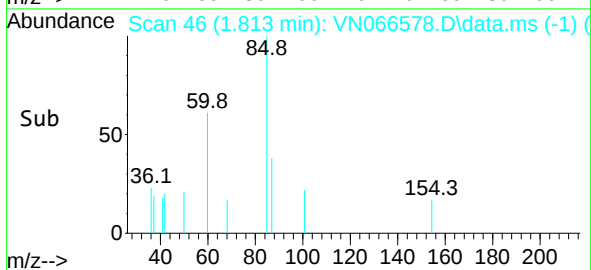
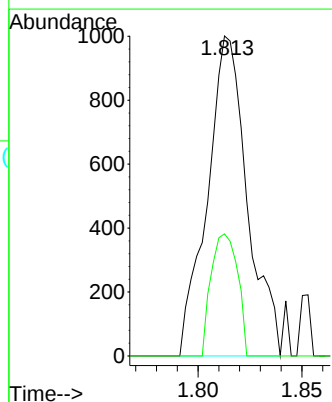
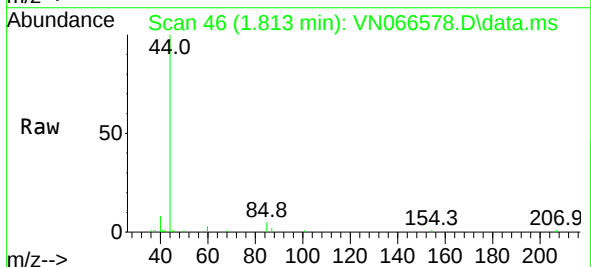
Instrument :
MSVOA_N
ClientSampleId :

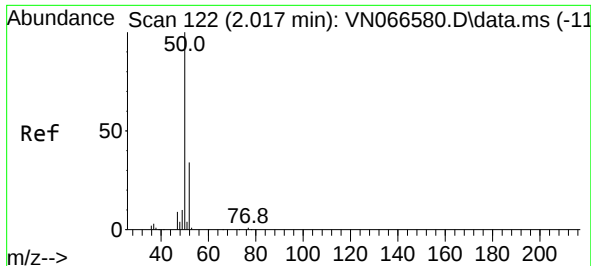
Tgt Ion:128 Resp: 48861
Ion Ratio Lower Upper
128 100
49 219.1 0.0 429.3
130 131.0 0.0 328.5



#2
Dichlorodifluoromethane
Concen: 0.37 ug/l
RT: 1.813 min Scan# 46
Delta R.T. -0.005 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion: 85 Resp: 1340
Ion Ratio Lower Upper
85 100
87 38.2 15.4 46.4

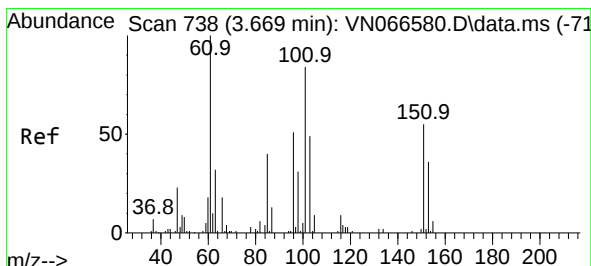
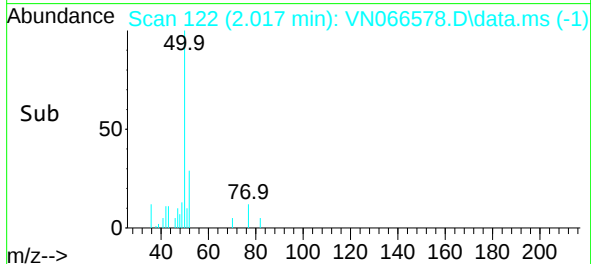
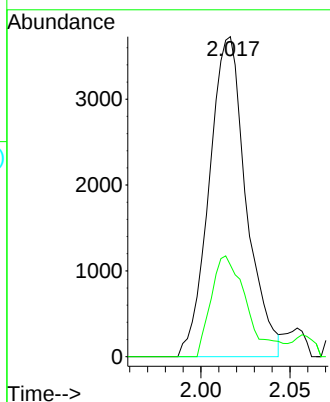
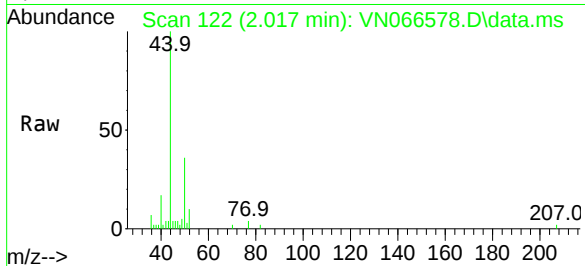




#3
Chloromethane
Concen: 1.10 ug/l
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

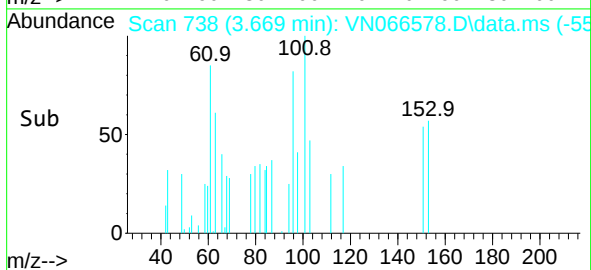
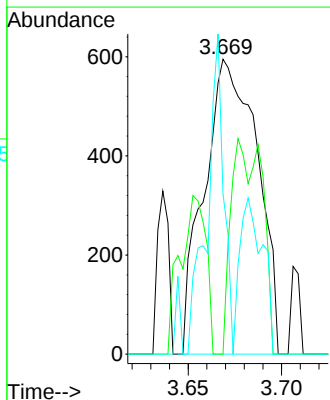
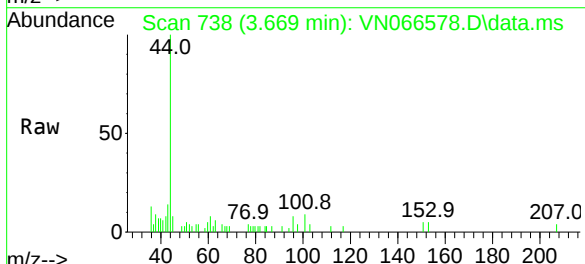
Instrument :
MSVOA_N
ClientSampleId :

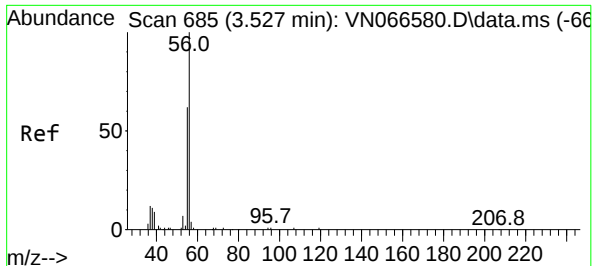
Tgt Ion: 50 Resp: 5384
Ion Ratio Lower Upper
50 100
52 28.6 26.2 39.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.36 ug/l
RT: 3.669 min Scan# 738
Delta R.T. -0.008 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion: 101 Resp: 1178
Ion Ratio Lower Upper
101 100
85 0.0 0.0 90.6
151 23.4 0.0 159.0





#13

Acrolein

Concen: 0.26 ug/l

RT: 3.221 min Scan# 571

Delta R.T. -0.306 min

Lab File: VN066578.D

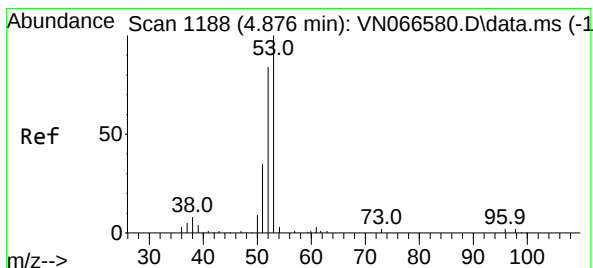
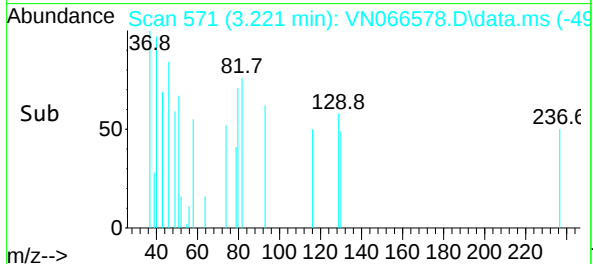
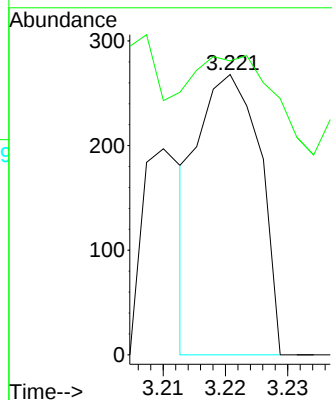
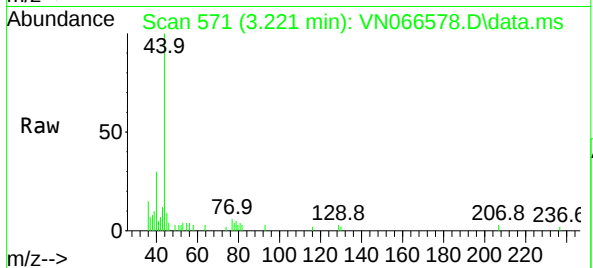
Acq: 13 Apr 2021 14:30

Tgt Ion: 56 Resp: 185

Ion Ratio Lower Upper

56 100

55 62.7 54.1 81.1



#14

Acrylonitrile

Concen: 0.26 ug/l

RT: 4.873 min Scan# 1187

Delta R.T. -0.005 min

Lab File: VN066578.D

Acq: 13 Apr 2021 14:30

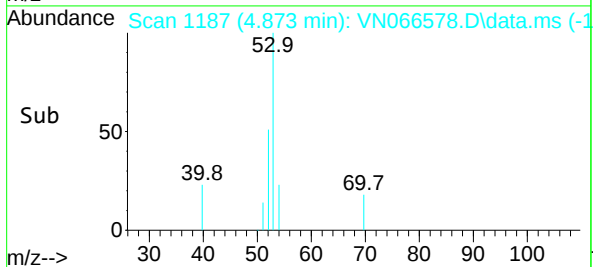
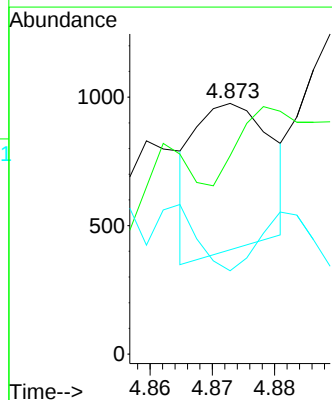
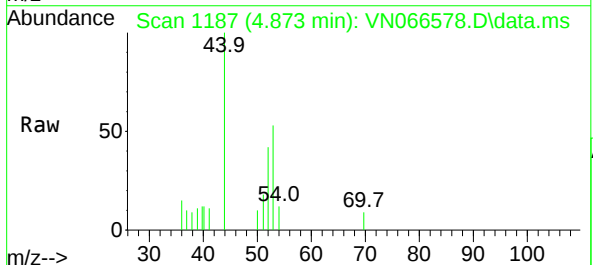
Tgt Ion: 53 Resp: 485

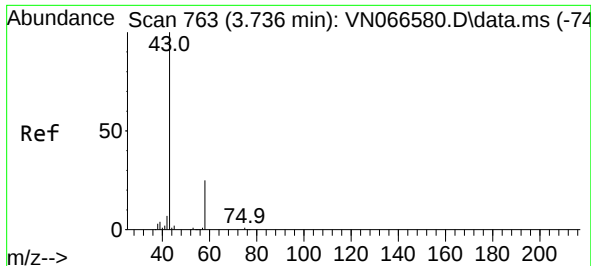
Ion Ratio Lower Upper

53 100

52 40.4 41.0 123.0#

51 100.0 17.8 53.4#

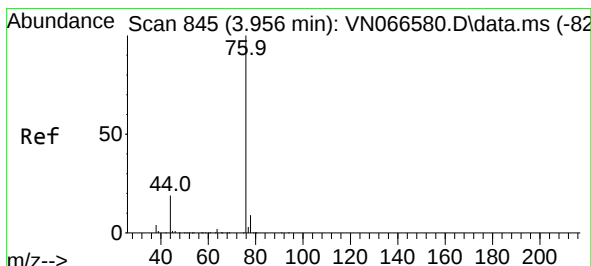
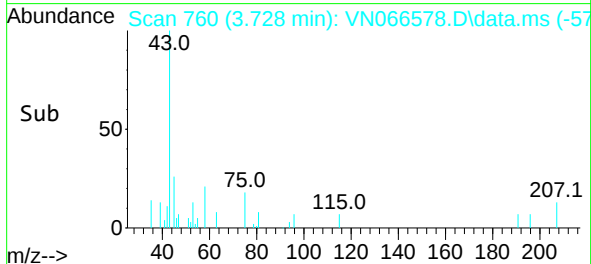
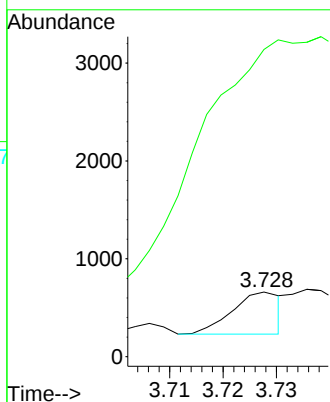
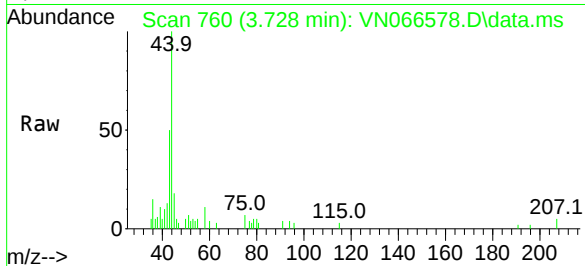




#15
Acetone
Concen: 0.44 ug/l
RT: 3.728 min Scan# 760
Delta R.T. -0.005 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

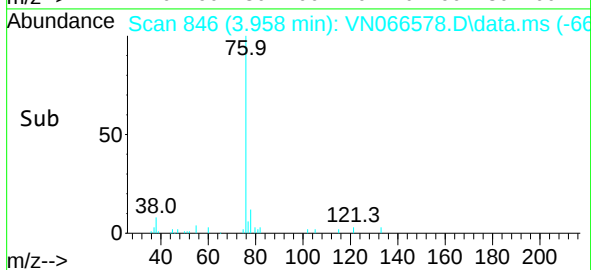
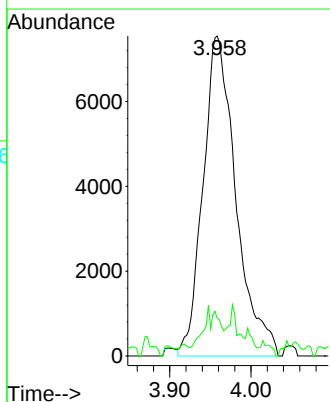
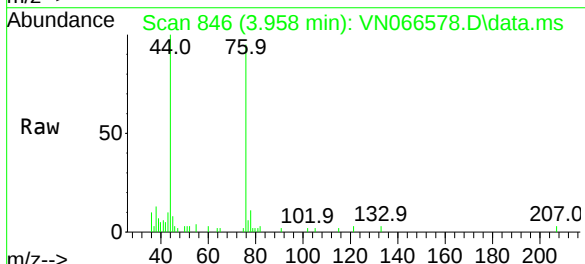
Instrument :
MSVOA_N
ClientSampled :

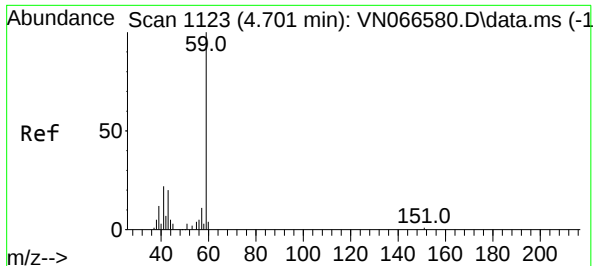
Tgt Ion: 58 Resp: 273
Ion Ratio Lower Upper
58 100
43 347.4 267.3 400.9



#16
Carbon Disulfide
Concen: 1.95 ug/l
RT: 3.958 min Scan# 846
Delta R.T. -0.009 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion: 76 Resp: 21217
Ion Ratio Lower Upper
76 100
78 11.9 7.0 10.6#

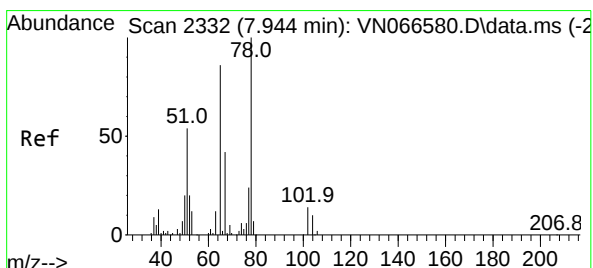
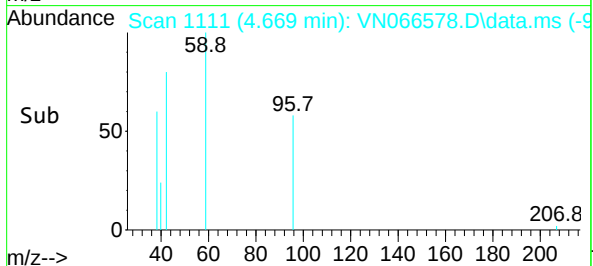
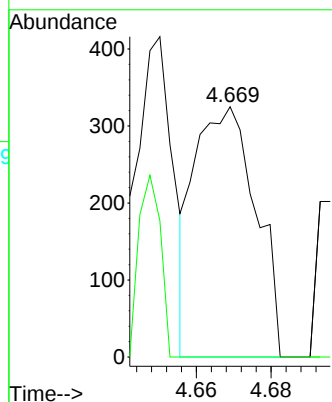
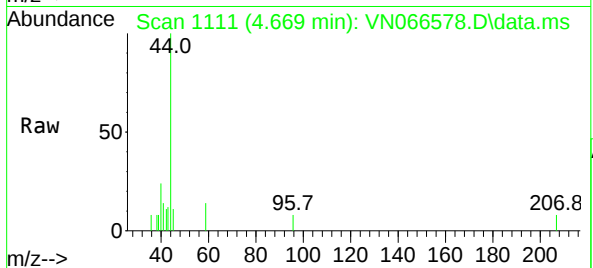




#23
tert-Butyl Alcohol
Concen: 0.62 ug/l
RT: 4.669 min Scan# 1111
Delta R.T. -0.014 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

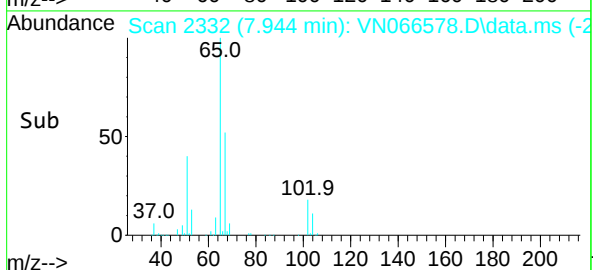
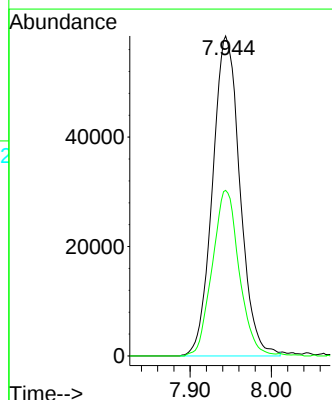
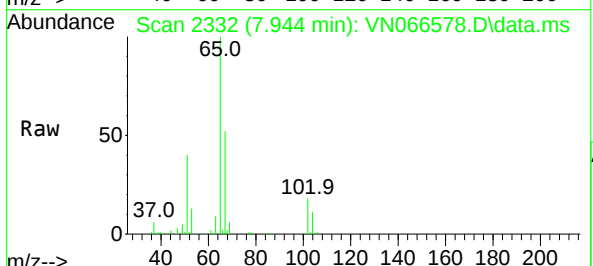
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MSVOA_N
ClientSampled :

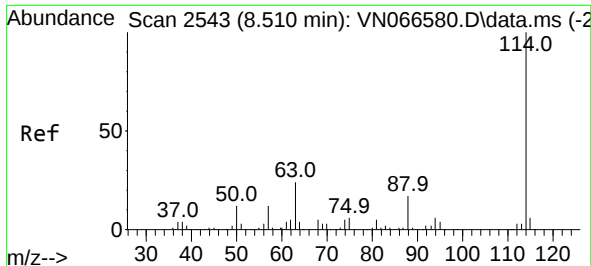
Tgt Ion: 59 Resp: 369
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#27
1,2-Dichloroethane-d4
Concen: 30.62 ug/l
RT: 7.944 min Scan# 2332
Delta R.T. -0.003 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion: 65 Resp: 137084
Ion Ratio Lower Upper
65 100
67 50.8 42.2 63.4

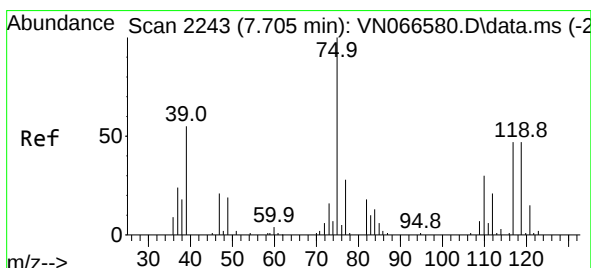
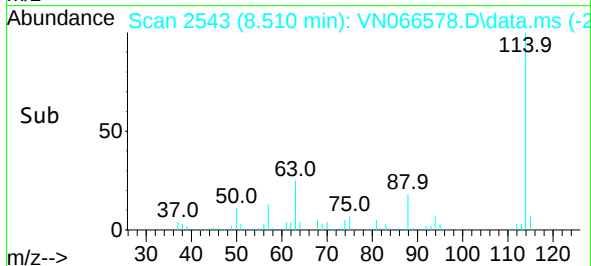
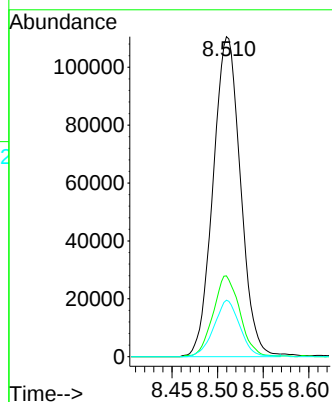
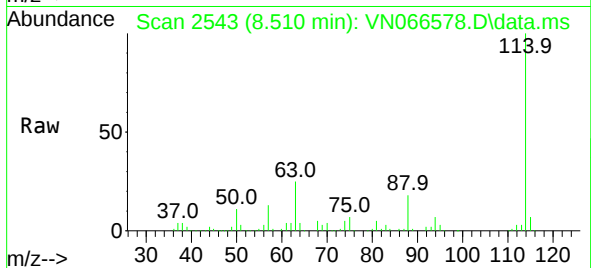




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.510 min Scan# 2543
Delta R.T. -0.003 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

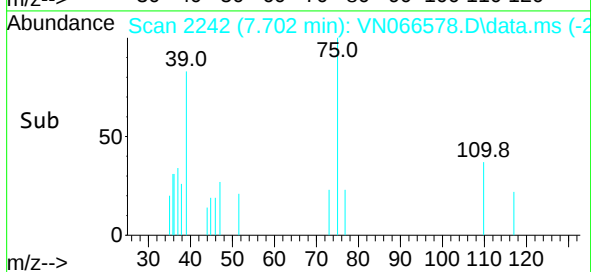
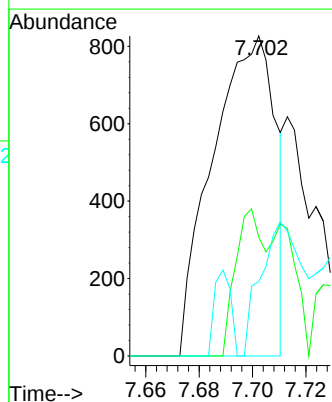
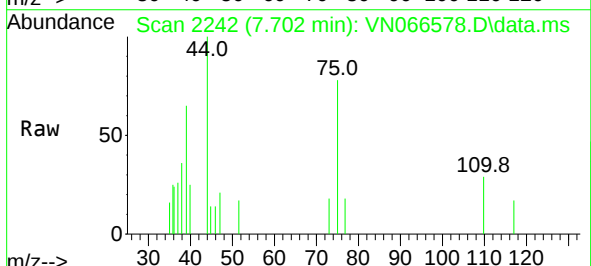
Instrument :
MSVOA_N
ClientSampled :

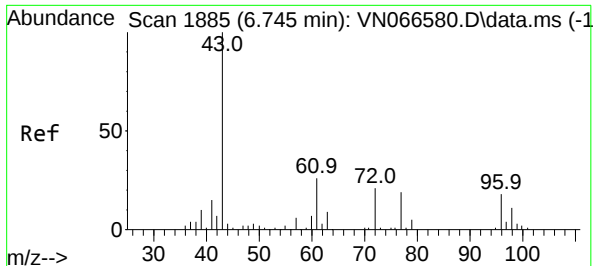
Tgt Ion:114 Resp: 230707
Ion Ratio Lower Upper
114 100
63 24.7 17.4 26.0
88 16.6 12.6 19.0



#29
1,1-Dichloropropene
Concen: 0.29 ug/l
RT: 7.702 min Scan# 2242
Delta R.T. -0.009 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion: 75 Resp: 1348
Ion Ratio Lower Upper
75 100
110 20.8 0.0 69.4
77 7.0 0.0 60.6

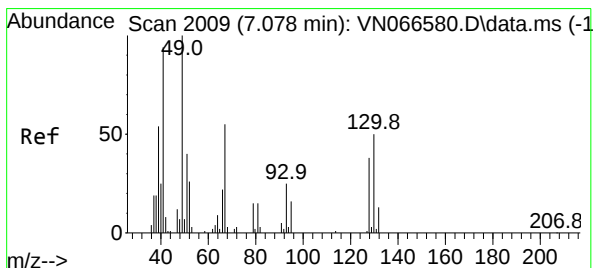
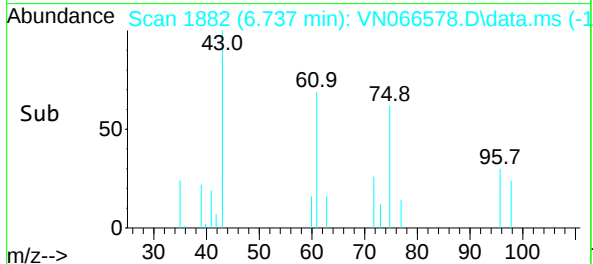
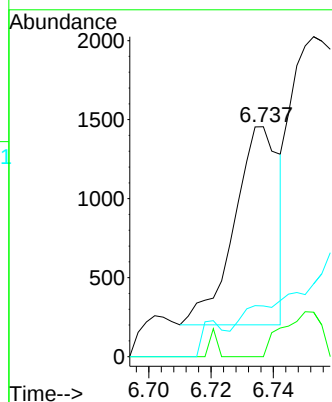
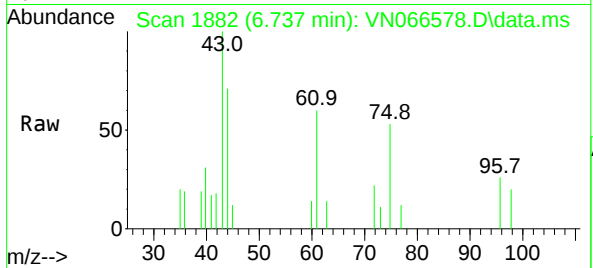




#30
2-Butanone
Concen: 0.47 ug/l
RT: 6.737 min Scan# 1882
Delta R.T. 0.003 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

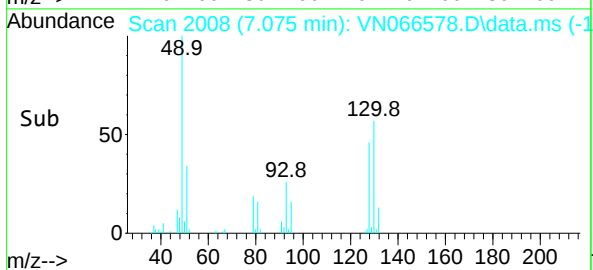
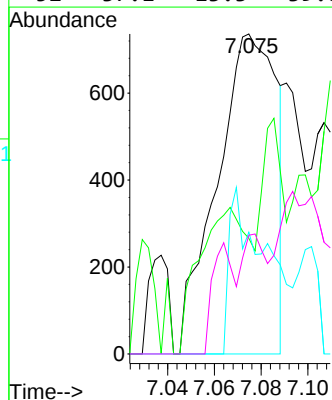
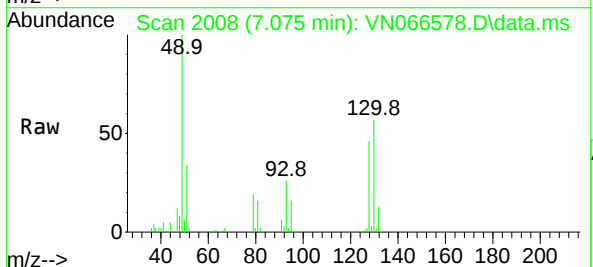
Instrument :
MSVOA_N
ClientSampled :

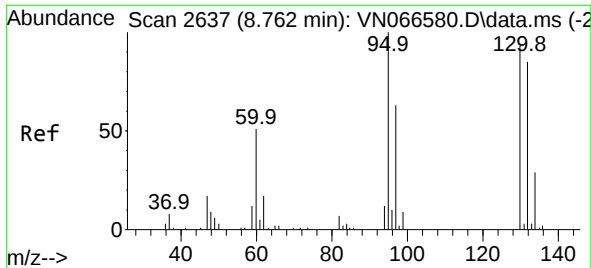
Tgt Ion: 43 Resp: 1257
Ion Ratio Lower Upper
43 100
57 0.0 6.9 10.3#
72 11.8 20.9 31.3#



#35
Methacrylonitrile
Concen: 0.49 ug/l
RT: 7.075 min Scan# 2008
Delta R.T. -0.016 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion: 41 Resp: 1298
Ion Ratio Lower Upper
41 100
39 36.1 27.3 81.8
67 38.0 31.4 94.3
52 37.1 13.3 39.8

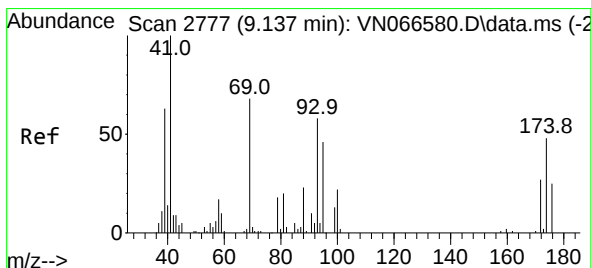
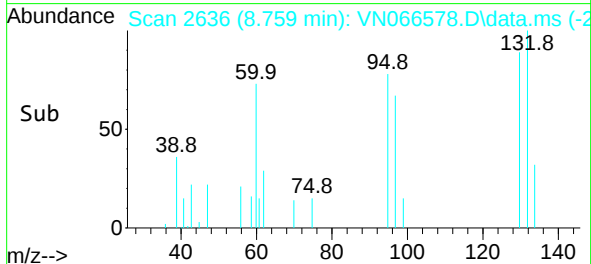
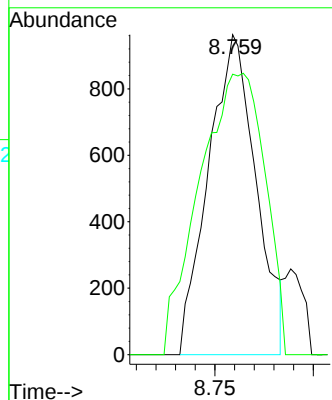
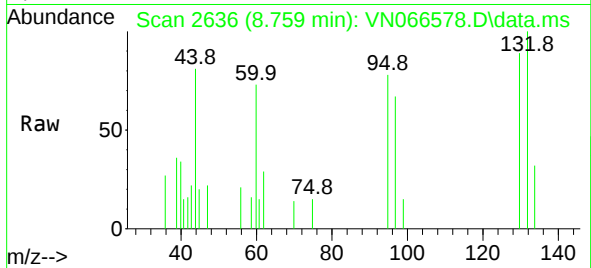




#37
 Trichloroethene
 Concen: 0.52 ug/l
 RT: 8.759 min Scan# 2636
 Delta R.T. -0.006 min
 Lab File: VN066578.D
 Acq: 13 Apr 2021 14:30

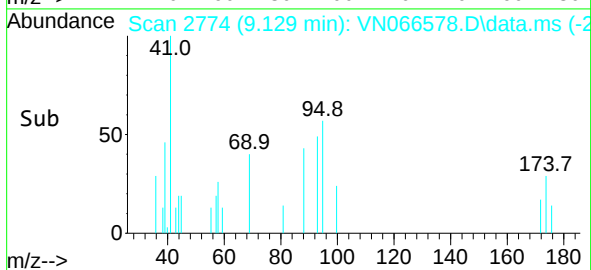
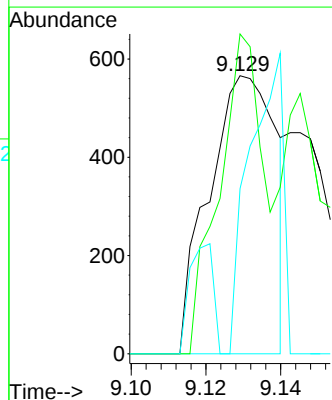
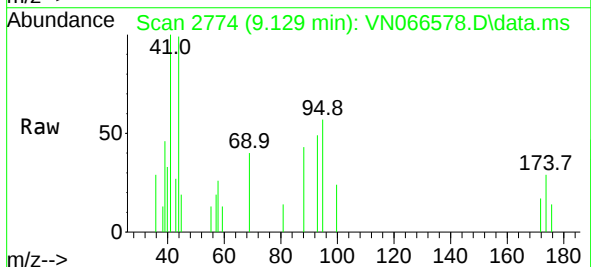
Instrument :
 MSVOA_N
 ClientSampled :

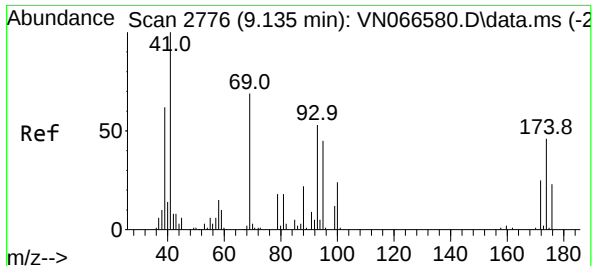
Tgt Ion:130 Resp: 1617
 Ion Ratio Lower Upper
 130 100
 95 65.4 80.7 121.1#



#40
 Dibromomethane
 Concen: 0.29 ug/l
 RT: 9.129 min Scan# 2774
 Delta R.T. -0.011 min
 Lab File: VN066578.D
 Acq: 13 Apr 2021 14:30

Tgt Ion: 93 Resp: 700
 Ion Ratio Lower Upper
 93 100
 95 74.9 0.0 169.0
 174 14.1 0.0 205.8

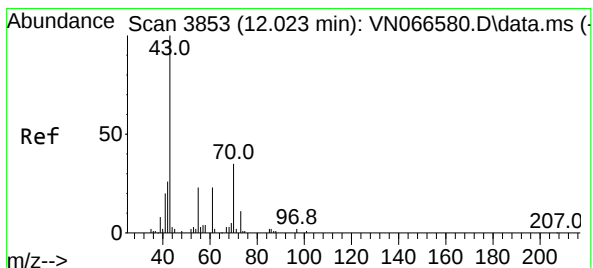
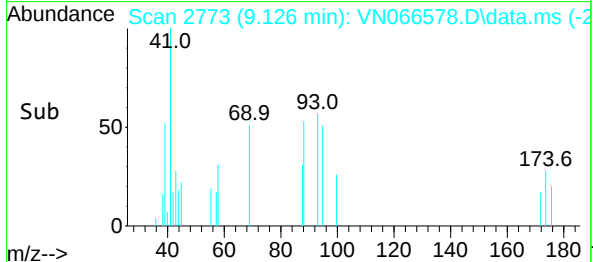
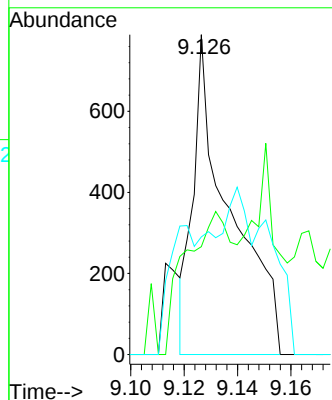
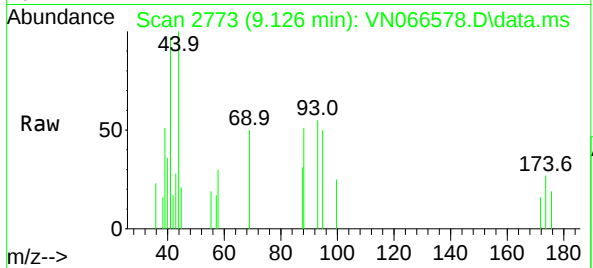




#45
1,4-Dioxane
Concen: 14.73 ug/l
RT: 9.126 min Scan# 2773
Delta R.T. -0.003 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

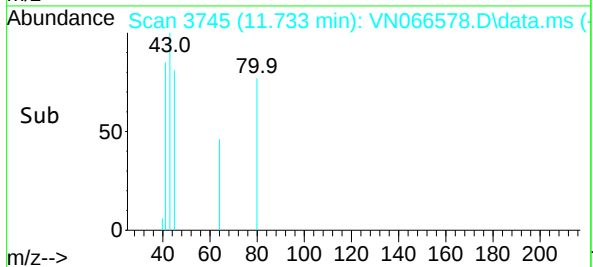
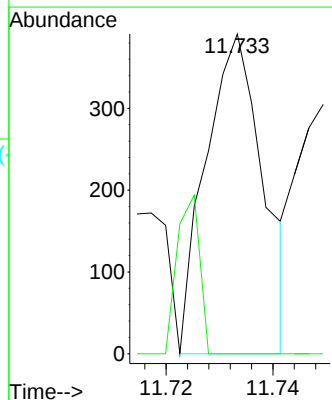
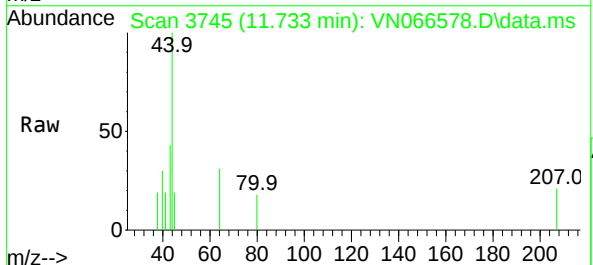
Instrument :
MSVOA_N
ClientSampleId :

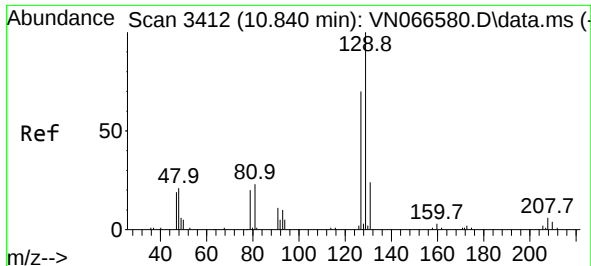
Tgt Ion: 88 Resp: 745
Ion Ratio Lower Upper
88 100
43 15.3 27.0 40.4#
58 0.0 57.9 86.9#



#47
n-amy1 Acetate
Concen: 11.99 ug/l
RT: 11.733 min Scan# 3745
Delta R.T. -0.296 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion: 43 Resp: 291
Ion Ratio Lower Upper
43 100
55 19.6 17.7 26.5

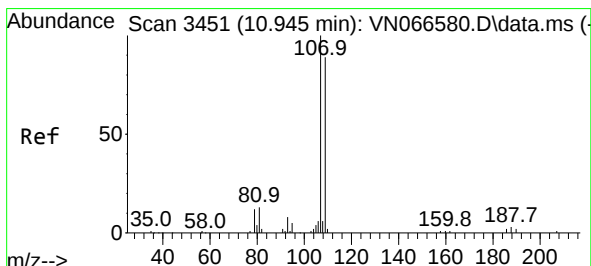
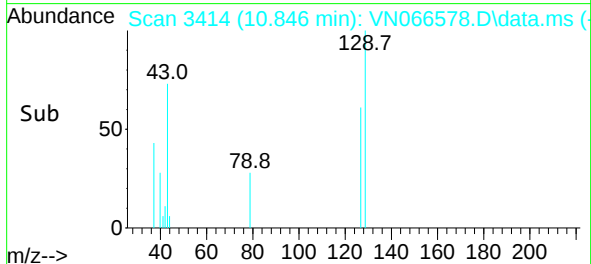
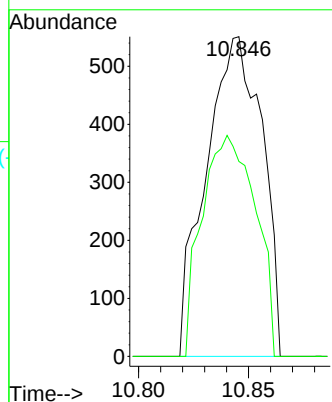
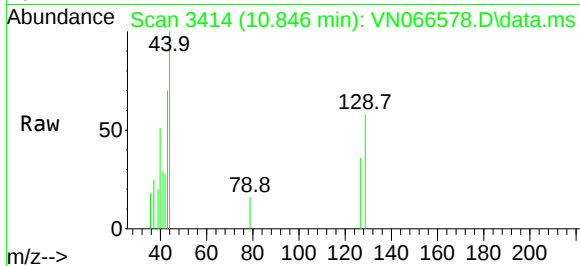




#53
Dibromochloromethane
Concen: 0.26 ug/l
RT: 10.846 min Scan# 3414
Delta R.T. 0.003 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

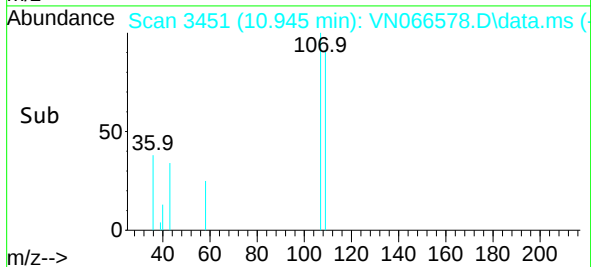
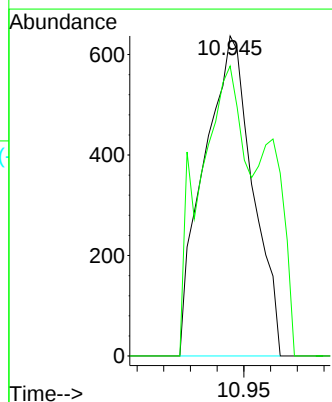
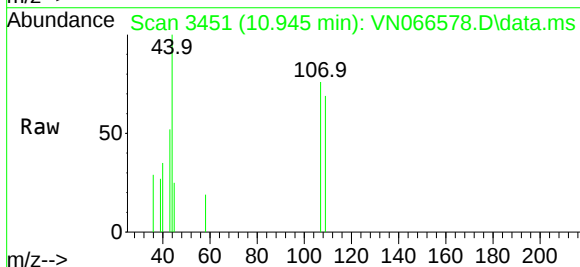
Instrument :
MSVOA_N
ClientSampled :

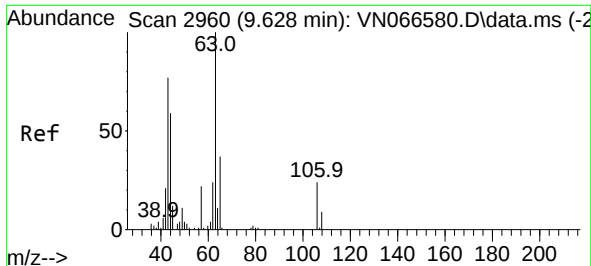
Tgt Ion:129 Resp: 976
Ion Ratio Lower Upper
129 100
127 66.1 38.6 115.7



#54
1,2-Dibromoethane
Concen: 0.24 ug/l
RT: 10.945 min Scan# 3451
Delta R.T. -0.000 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion:107 Resp: 807
Ion Ratio Lower Upper
107 100
109 72.0 75.8 113.6#

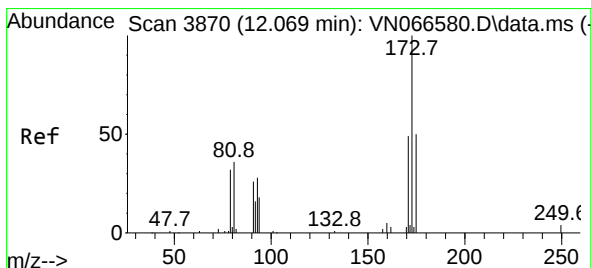
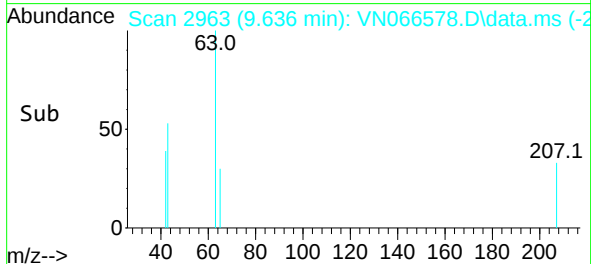
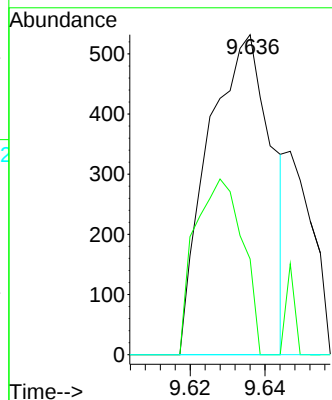
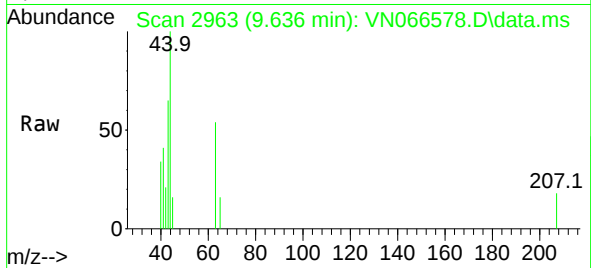




#55
2-Chloroethyl vinyl ether
Concen: 44.15 ug/l
RT: 9.636 min Scan# 2963
Delta R.T. 0.005 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

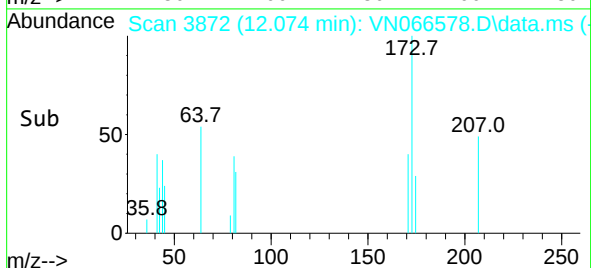
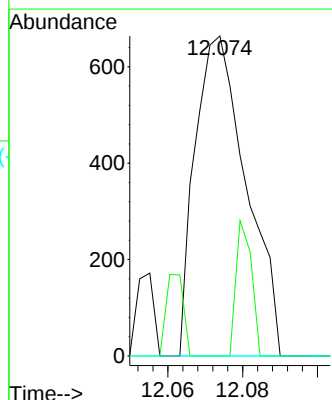
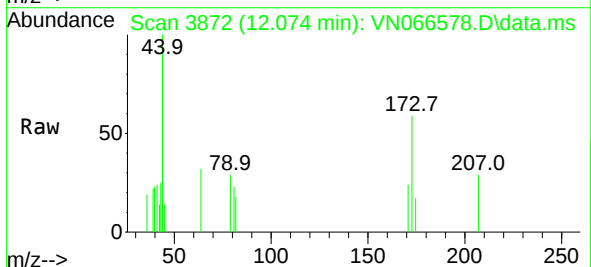
Instrument :
MSVOA_N
ClientSampleId :

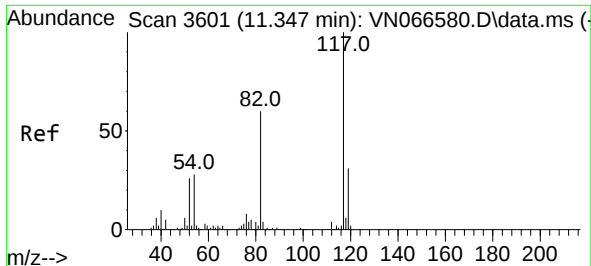
Tgt Ion: 63 Resp: 621
Ion Ratio Lower Upper
63 100
65 41.7 26.0 39.0#
106 0.0 20.6 31.0#



#56
Bromoform
Concen: 0.25 ug/l
RT: 12.074 min Scan# 3872
Delta R.T. 0.002 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion: 173 Resp: 631
Ion Ratio Lower Upper
173 100
175 12.7 38.3 57.5#
254 0.0 0.0 0.0

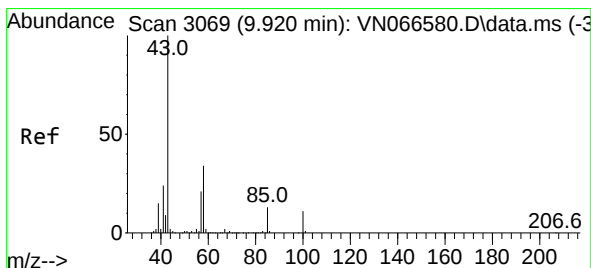
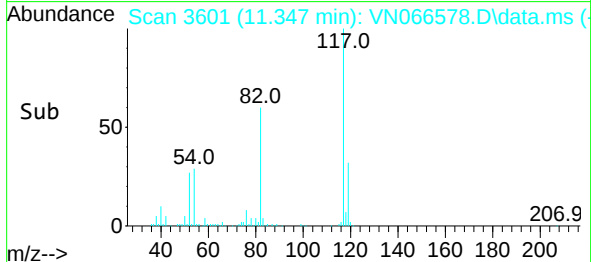
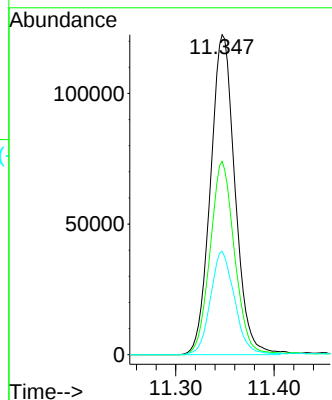
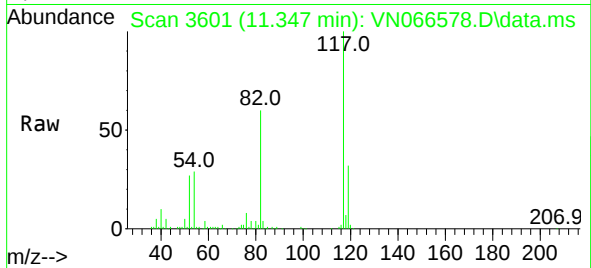




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

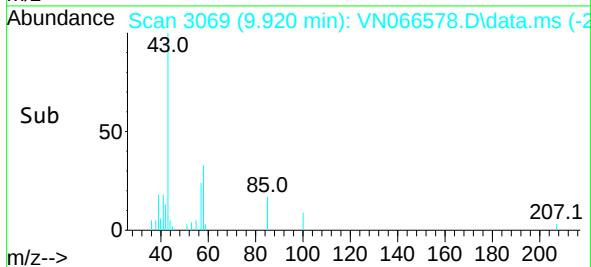
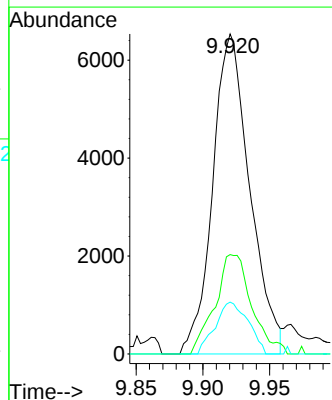
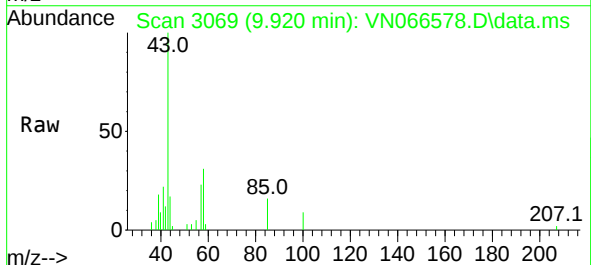
Instrument :
MSVOA_N
ClientSampleId :

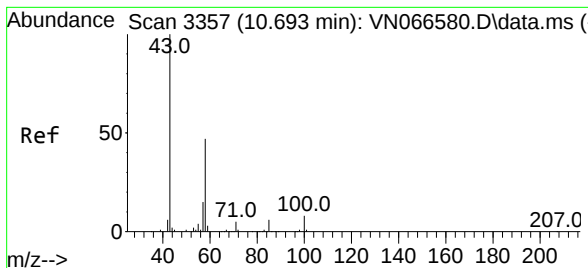
Tgt Ion: 117 Resp: 212690
Ion Ratio Lower Upper
117 100
82 60.1 45.0 67.6
119 31.7 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 2.43 ug/l
RT: 9.920 min Scan# 3069
Delta R.T. 0.002 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion: 43 Resp: 12612
Ion Ratio Lower Upper
43 100
58 30.0 30.4 45.6#
85 14.4 13.8 20.8

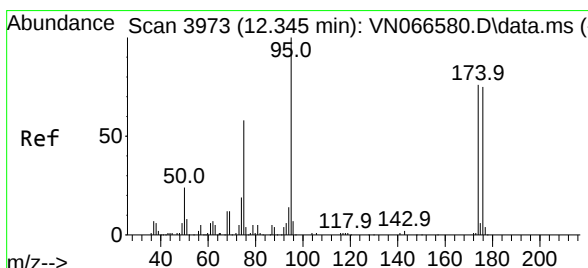
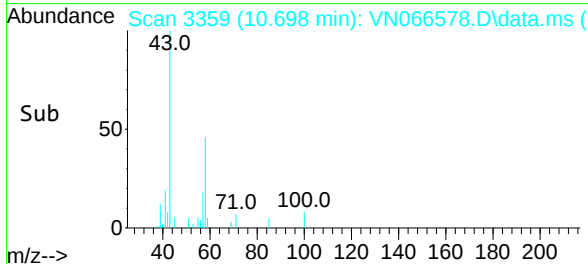
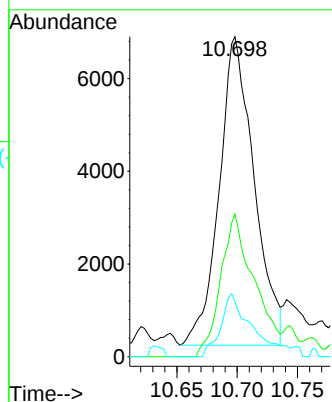
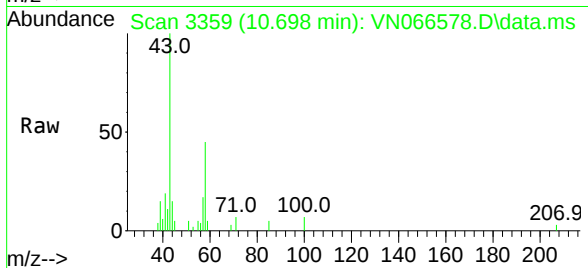




#59
2-Hexanone
Concen: 3.80 ug/l
RT: 10.698 min Scan# 3359
Delta R.T. 0.005 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

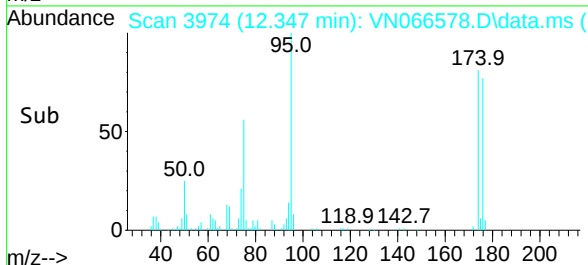
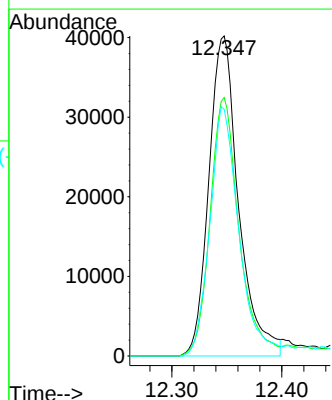
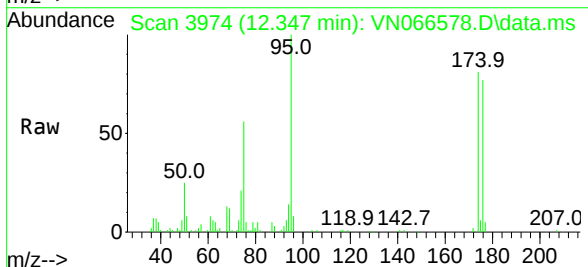
Instrument :
MSVOA_N
ClientSampled :

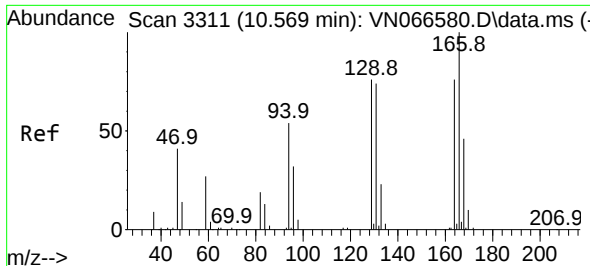
Tgt Ion: 43	Resp: 13420
Ion Ratio	Lower Upper
43	100
58	44.5 41.8 62.6
57	17.5 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 22.15 ug/l
RT: 12.347 min Scan# 3974
Delta R.T. 0.002 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

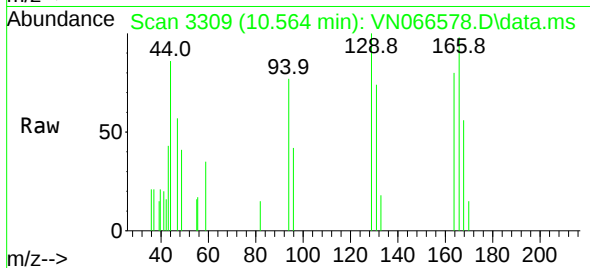
Tgt Ion: 95	Resp: 75700
Ion Ratio	Lower Upper
95	100
174	78.3 68.1 102.1
176	75.9 65.4 98.0



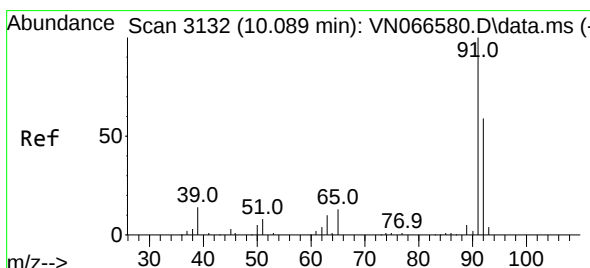
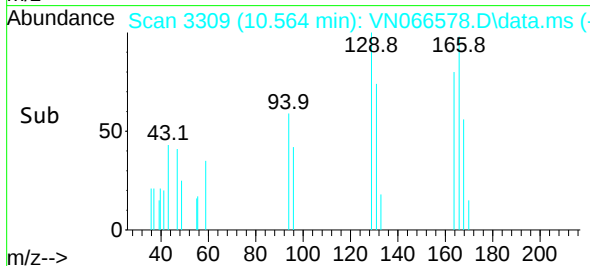
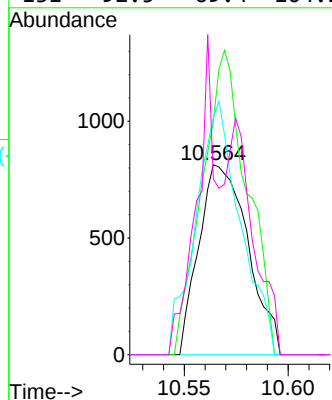


#61
Tetrachloroethene
Concen: 0.52 ug/l
RT: 10.564 min Scan# 3309
Delta R.T. -0.006 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Instrument :
MSVOA_N
ClientSampleId :

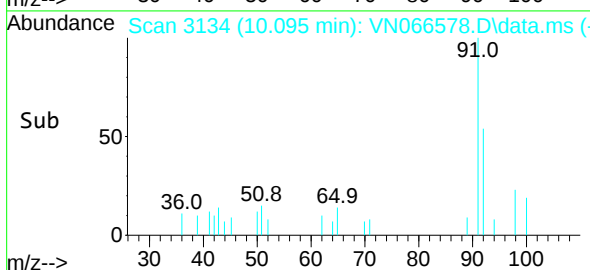
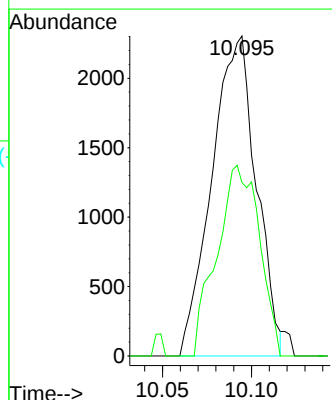
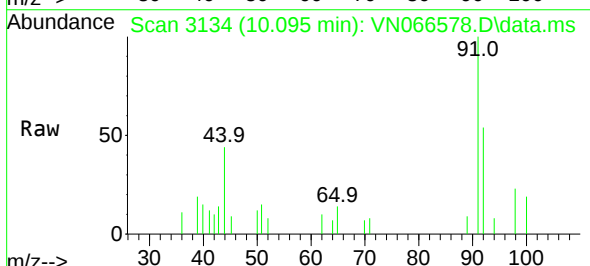


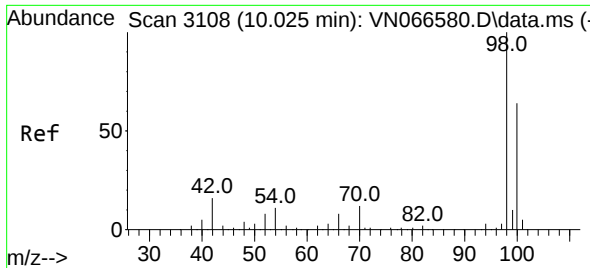
Tgt Ion:164 Resp: 1335
Ion Ratio Lower Upper
164 100
166 122.7 100.5 150.7
129 124.8 74.7 112.1#
131 92.5 69.4 104.2



#62
Toluene
Concen: 0.30 ug/l
RT: 10.095 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion: 91 Resp: 4001
Ion Ratio Lower Upper
91 100
92 40.1 46.2 69.2#

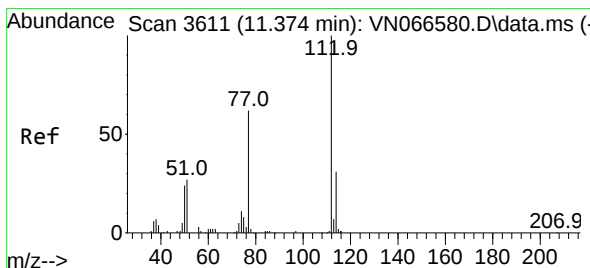
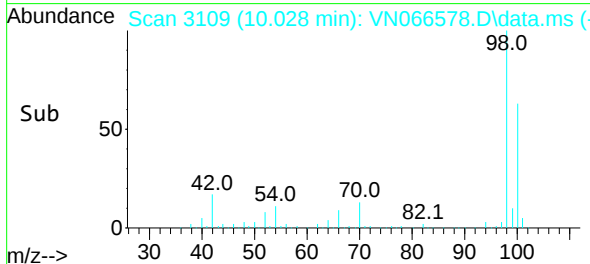
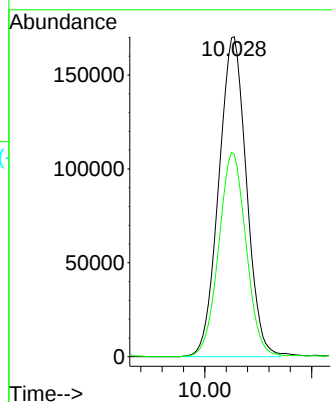
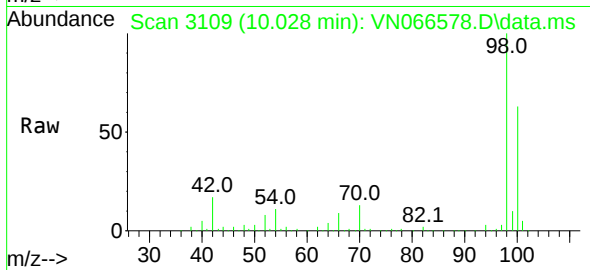




#63
Toluene-d8
Concen: 30.44 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. 0.003 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

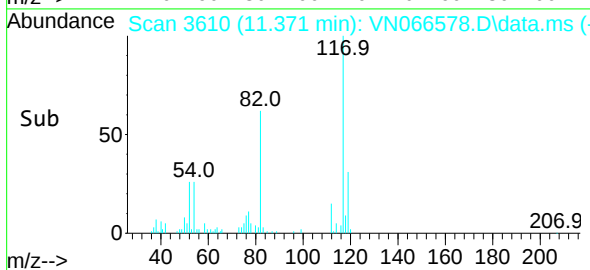
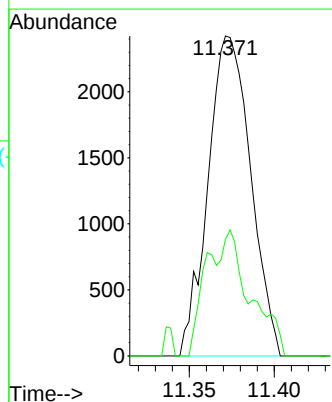
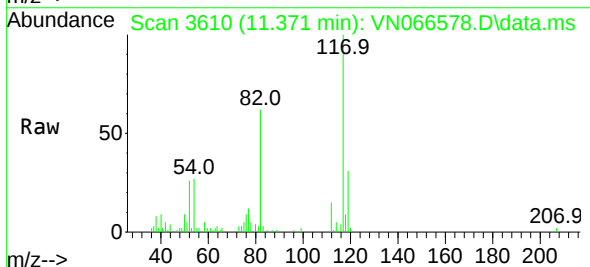
Instrument :
MSVOA_N
ClientSampleId :

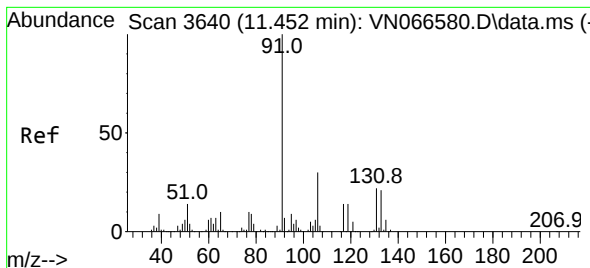
Tgt Ion: 98 Resp: 306340
Ion Ratio Lower Upper
98 100
100 63.3 51.1 76.7



#64
Chlorobenzene
Concen: 0.55 ug/l
RT: 11.371 min Scan# 3610
Delta R.T. -0.003 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion: 112 Resp: 4236
Ion Ratio Lower Upper
112 100
114 36.4 25.6 38.4

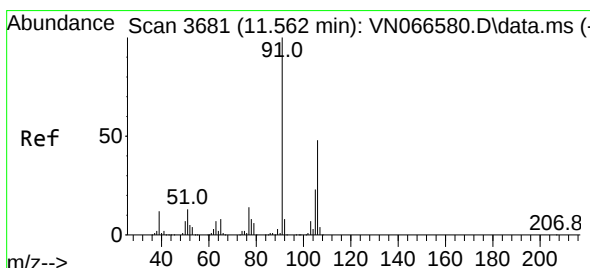
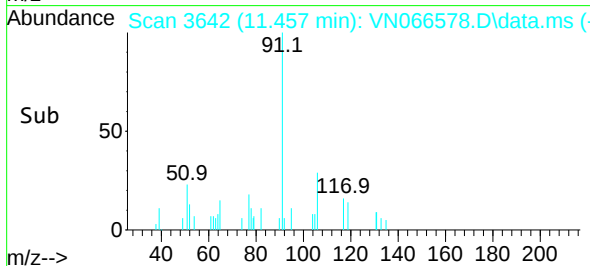
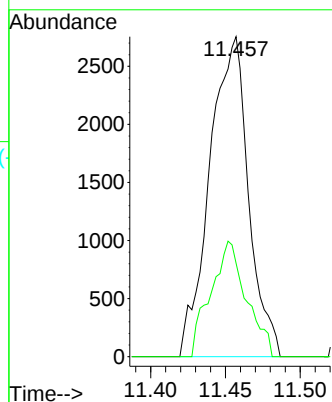
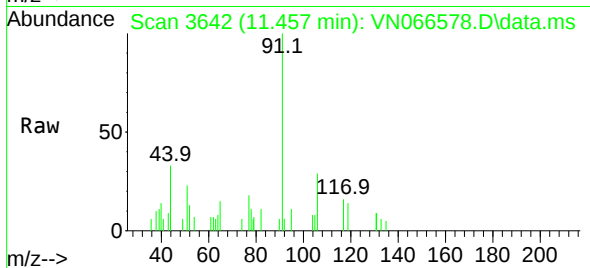




#66
Ethyl Benzene
Concen: 0.35 ug/l
RT: 11.457 min Scan# 3642
Delta R.T. 0.002 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

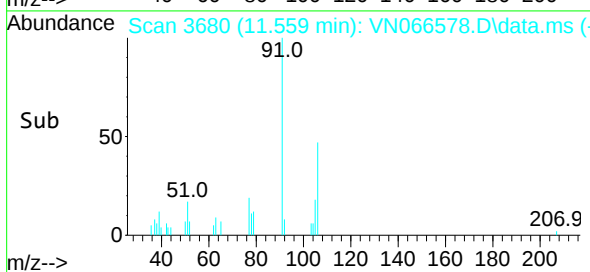
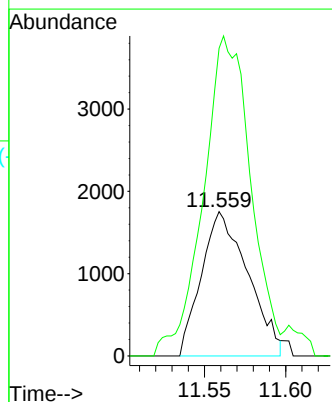
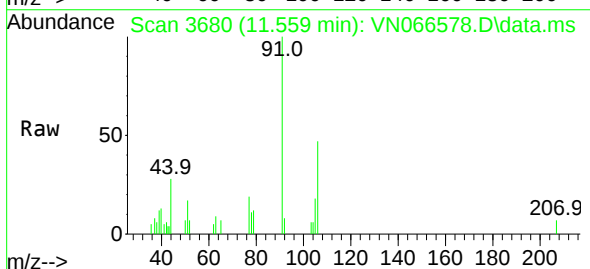
Instrument :
MSVOA_N
ClientSampled :

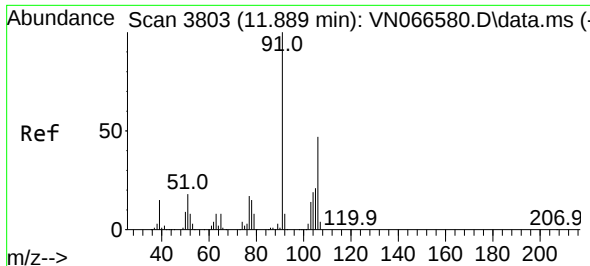
Tgt Ion: 91 Resp: 4974
Ion Ratio Lower Upper
91 100
106 29.2 25.5 38.3



#67
m/p-Xylenes
Concen: 0.65 ug/l
RT: 11.559 min Scan# 3680
Delta R.T. -0.006 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion:106 Resp: 3484
Ion Ratio Lower Upper
106 100
91 140.3 164.8 247.2#

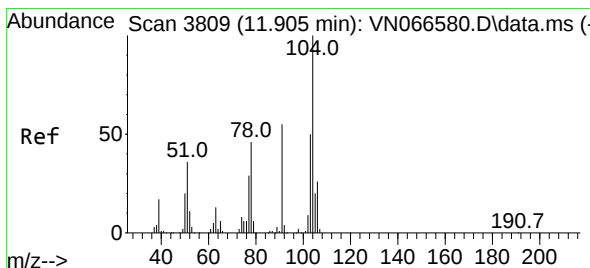
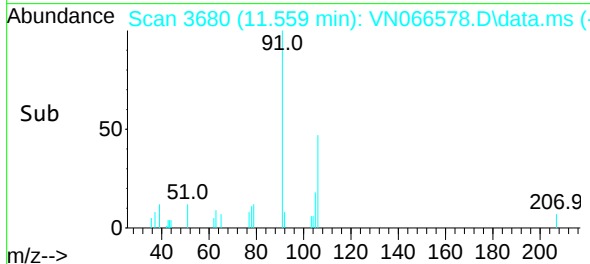
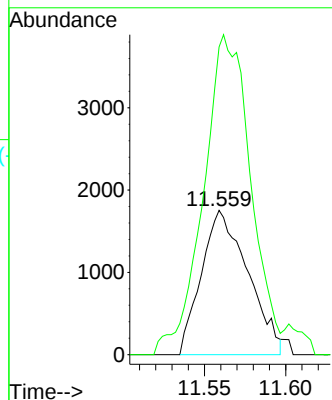
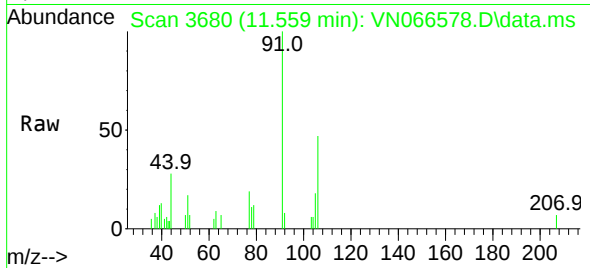




#68
o-Xylene
Concen: 0.70 ug/l
RT: 11.559 min Scan# 3680
Delta R.T. -0.333 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

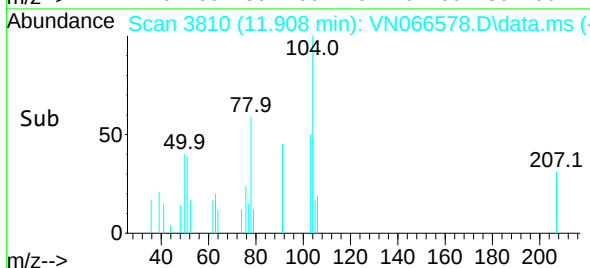
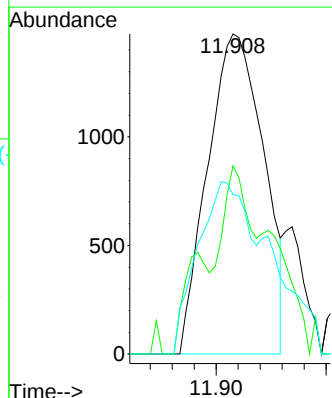
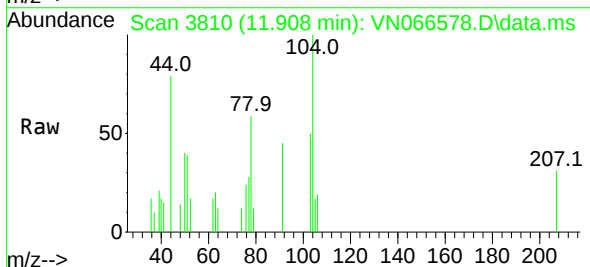
Instrument :
MSVOA_N
ClientSampled :

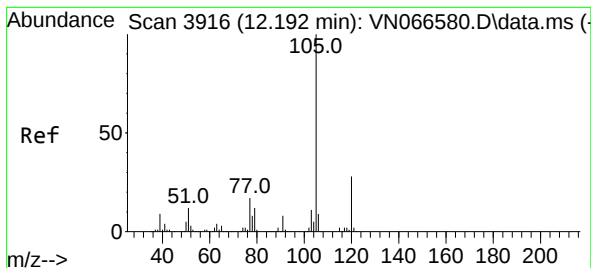
Tgt Ion:106 Resp: 3484
Ion Ratio Lower Upper
106 100
91 140.3 107.1 321.4



#69
Styrene
Concen: 0.31 ug/l
RT: 11.908 min Scan# 3810
Delta R.T. -0.003 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion:104 Resp: 2605
Ion Ratio Lower Upper
104 100
78 16.7 41.0 61.6#
103 49.6 43.7 65.5





#70

Isopropylbenzene

Concen: 0.28 ug/l

RT: 12.192 min Scan# 3916

Delta R.T. -0.003 min

Lab File: VN066578.D

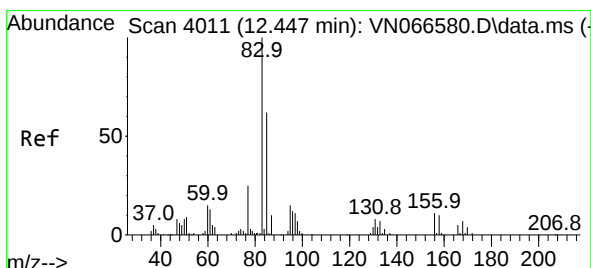
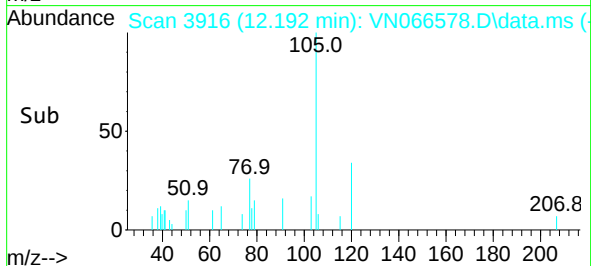
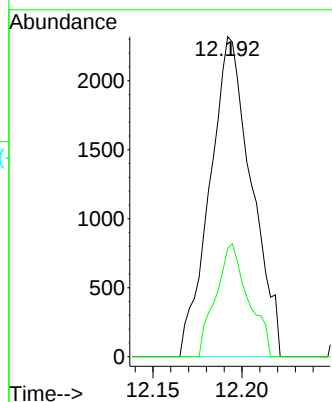
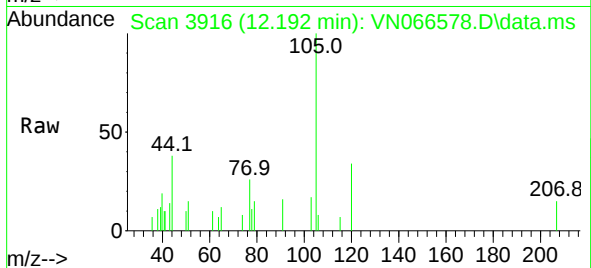
Acq: 13 Apr 2021 14:30

Tgt Ion:105 Resp: 3762

Ion Ratio Lower Upper

105 100

120 27.7 18.7 34.7



#71

1,1,2,2-Tetrachloroethane

Concen: 0.50 ug/l

RT: 12.452 min Scan# 4013

Delta R.T. 0.002 min

Lab File: VN066578.D

Acq: 13 Apr 2021 14:30

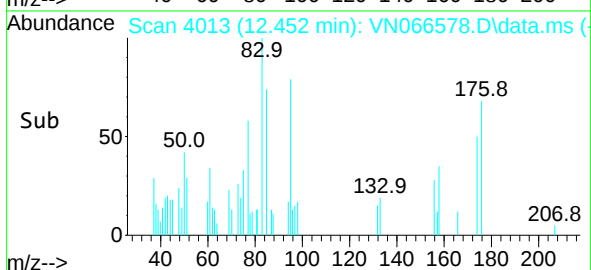
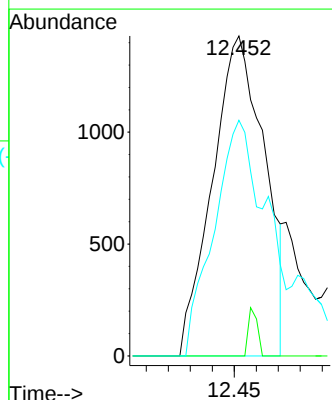
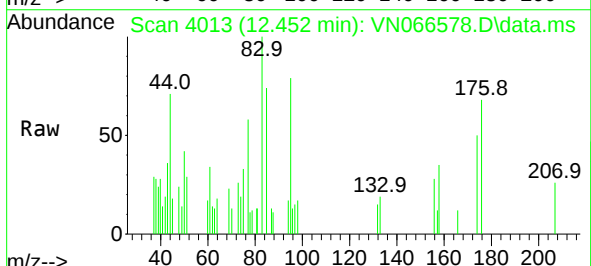
Tgt Ion: 83 Resp: 2355

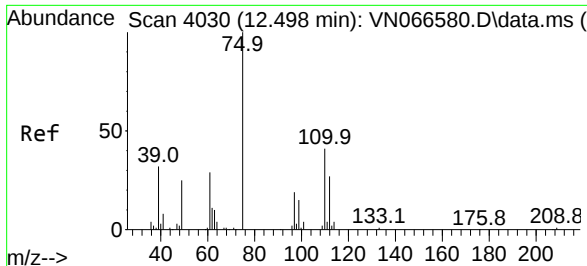
Ion Ratio Lower Upper

83 100

131 2.6 4.9 14.6#

85 59.9 31.4 94.2

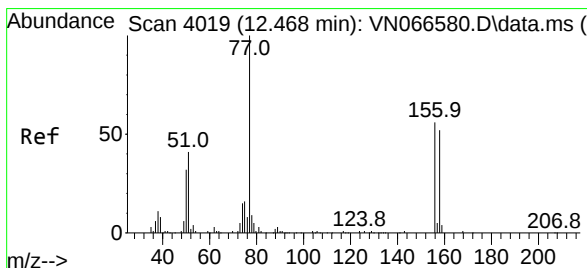
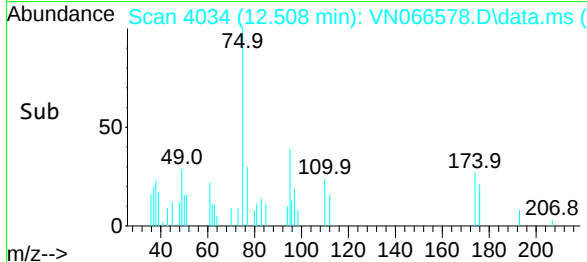
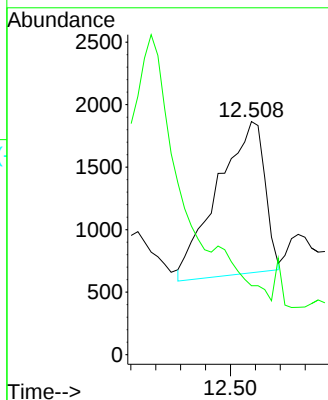
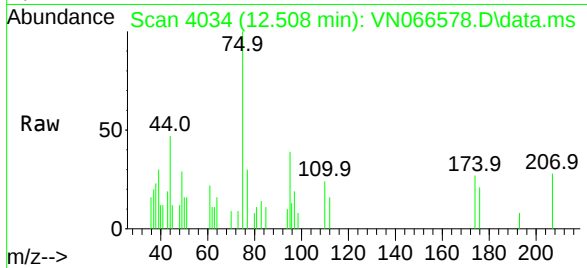




#72
1,2,3-Trichloropropane
Concen: 0.37 ug/l
RT: 12.508 min Scan# 4034
Delta R.T. 0.010 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

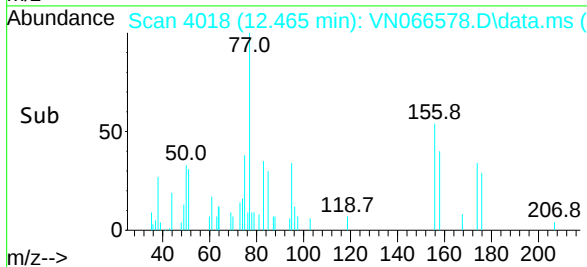
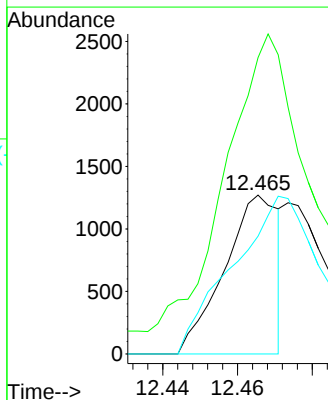
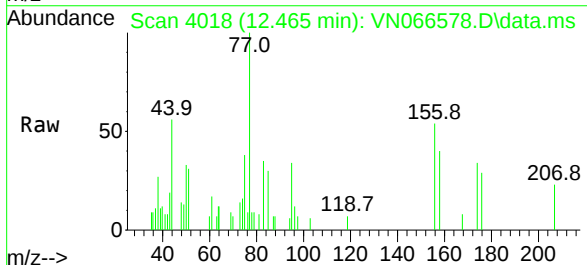
Instrument :
MSVOA_N
ClientSampled :

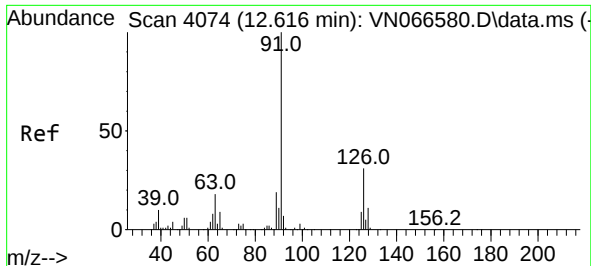
Tgt Ion: 75 Resp: 1600
Ion Ratio Lower Upper
75 100
77 0.0 0.0 310.8



#73
Bromobenzene
Concen: 0.40 ug/l
RT: 12.465 min Scan# 4018
Delta R.T. -0.003 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion: 156 Resp: 1271
Ion Ratio Lower Upper
156 100
77 290.6 0.0 399.6
158 173.8 0.0 192.8

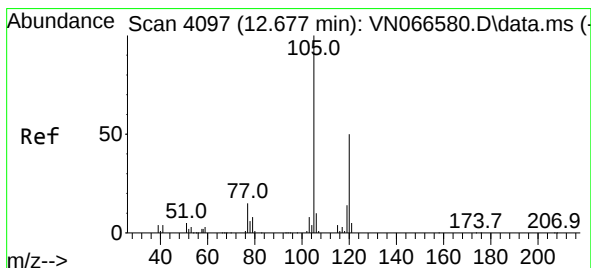
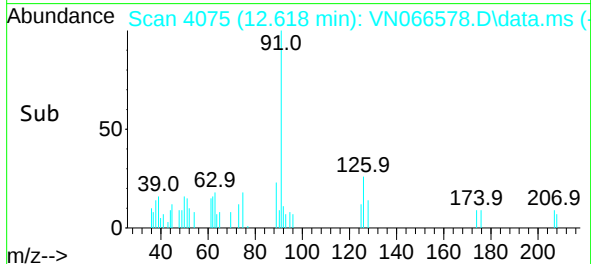
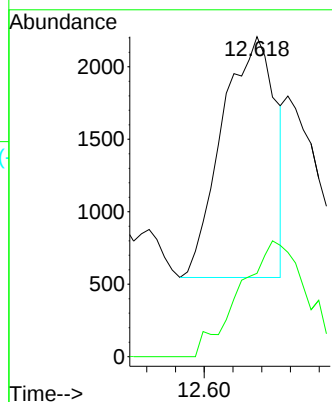
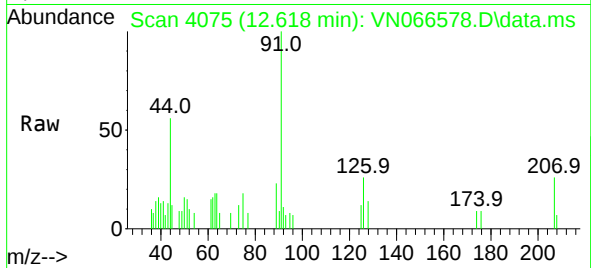




#75
2-Chlorotoluene
Concen: 0.22 ug/l
RT: 12.618 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

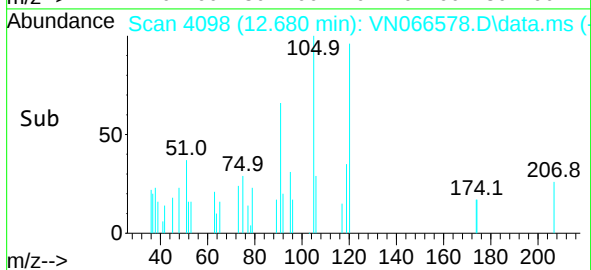
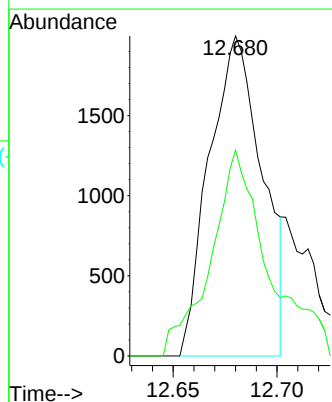
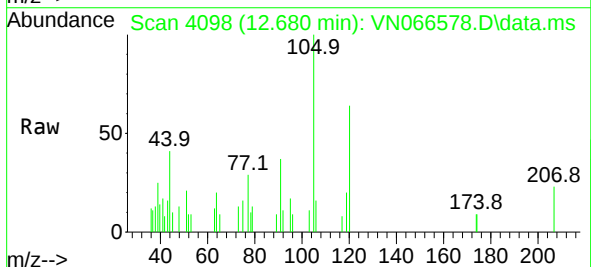
Instrument :
MSVOA_N
ClientSampleId :

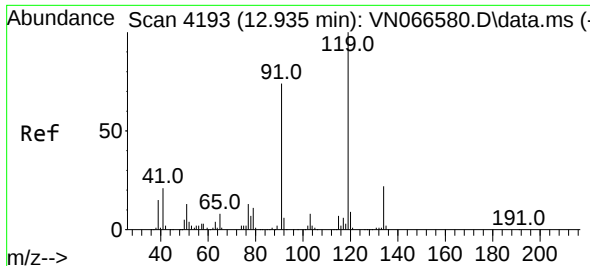
Tgt Ion: 91 Resp: 2143
Ion Ratio Lower Upper
91 100
126 54.8 0.0 68.6



#76
1,3,5-Trimethylbenzene
Concen: 0.31 ug/l
RT: 12.680 min Scan# 4098
Delta R.T. 0.002 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion: 105 Resp: 3540
Ion Ratio Lower Upper
105 100
120 41.8 0.0 98.2

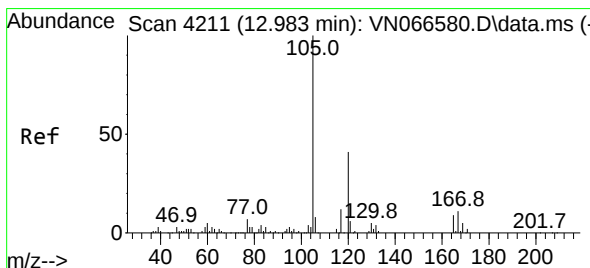
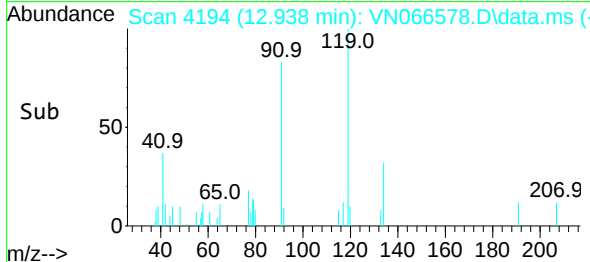
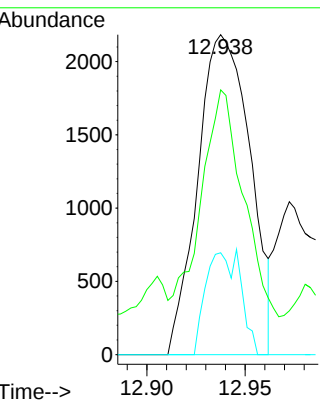
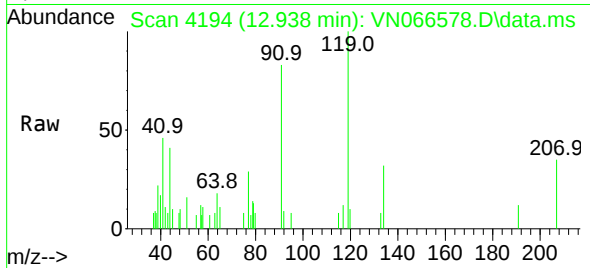




#79
tert-butylbenzene
Concen: 0.44 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. -0.000 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

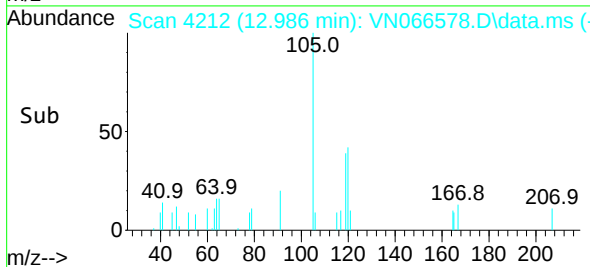
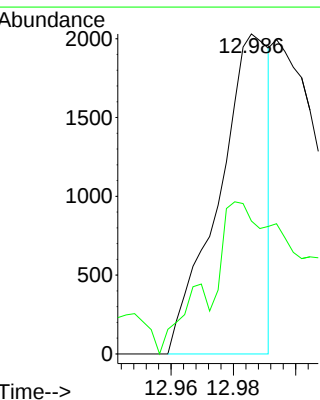
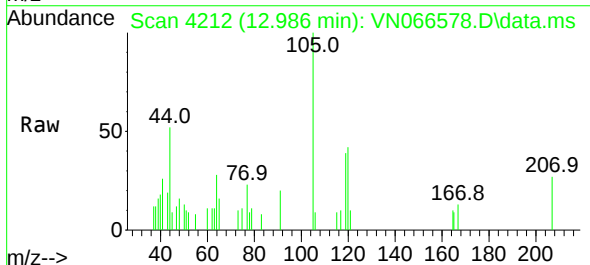
Instrument :
MSVOA_N
ClientSampleId :

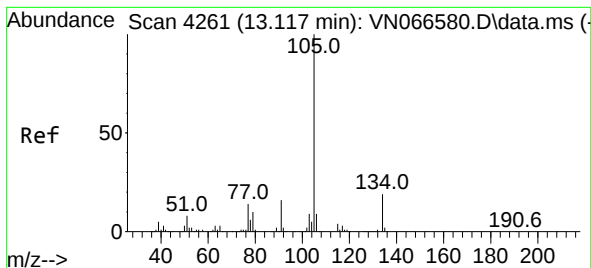
Tgt Ion:119 Resp: 4044
Ion Ratio Lower Upper
119 100
91 65.2 0.0 133.4
134 15.3 0.0 51.0



#80
1,2,4-Trimethylbenzene
Concen: 0.21 ug/l
RT: 12.986 min Scan# 4212
Delta R.T. 0.003 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion:105 Resp: 2285
Ion Ratio Lower Upper
105 100
120 22.9 0.0 90.6

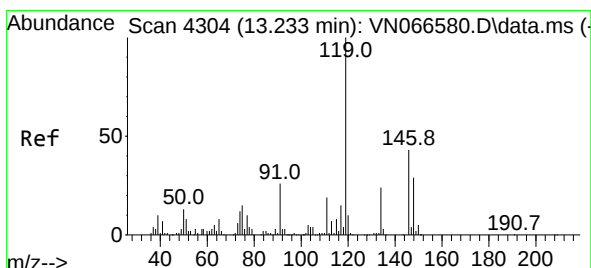
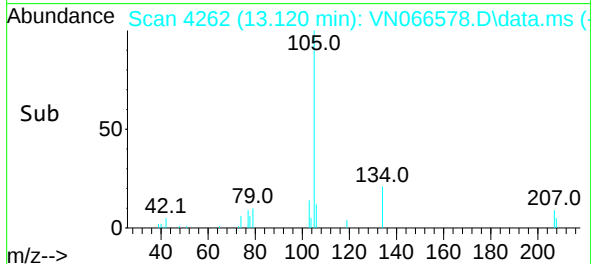
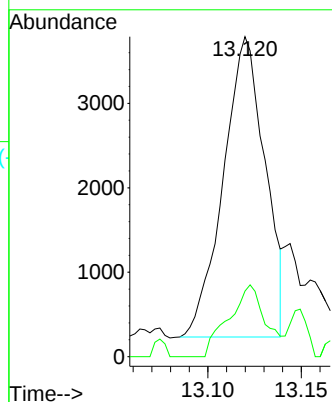
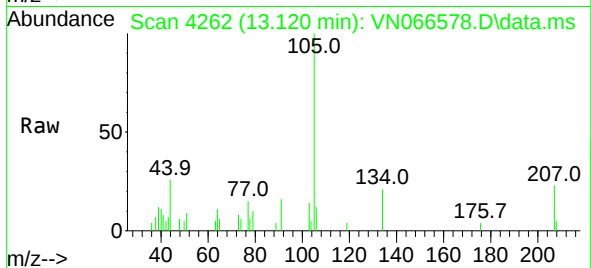




#81
 sec-Butylbenzene
 Concen: 0.43 ug/l
 RT: 13.120 min Scan# 4262
 Delta R.T. 0.005 min
 Lab File: VN066578.D
 Acq: 13 Apr 2021 14:30

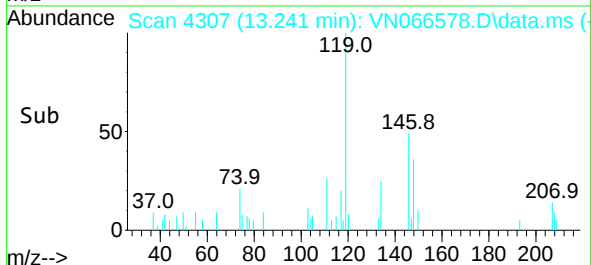
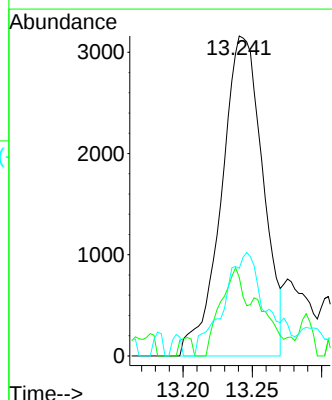
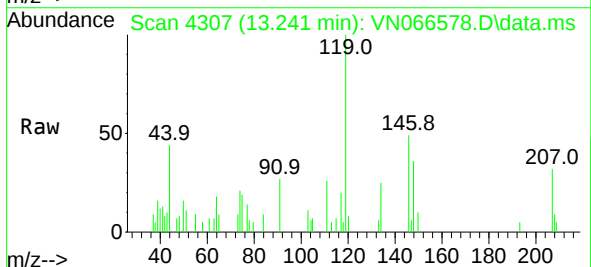
Instrument :
 MSVOA_N
 ClientSampled :

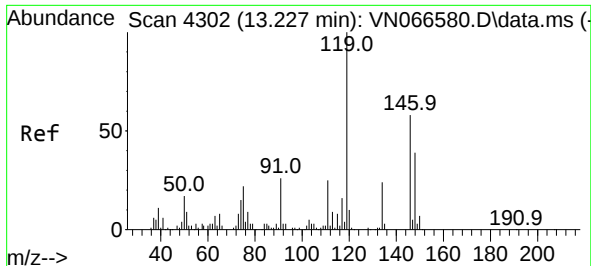
Tgt Ion:105 Resp: 5524
 Ion Ratio Lower Upper
 105 100
 134 20.8 0.0 40.0



#82
 p-Isopropyltoluene
 Concen: 0.59 ug/l
 RT: 13.241 min Scan# 4307
 Delta R.T. 0.008 min
 Lab File: VN066578.D
 Acq: 13 Apr 2021 14:30

Tgt Ion:119 Resp: 6570
 Ion Ratio Lower Upper
 119 100
 134 15.5 0.0 53.4
 91 4.7 0.0 47.6

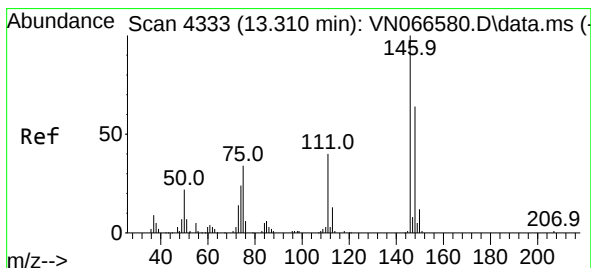
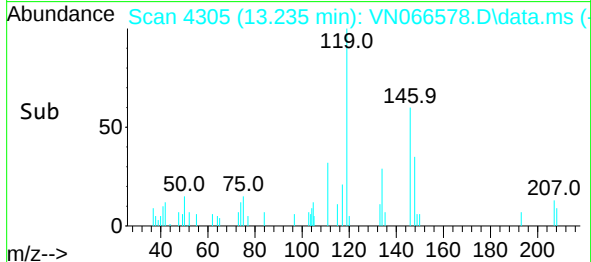
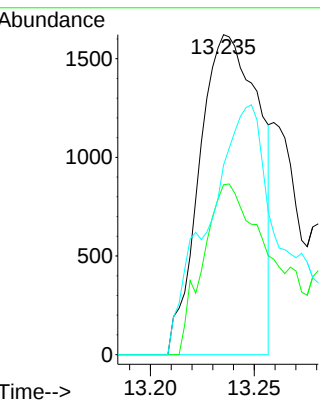
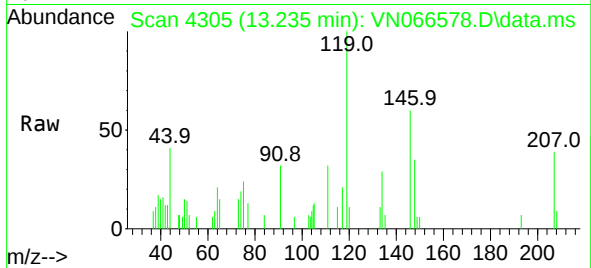




#83
1,3-Dichlorobenzene
Concen: 0.57 ug/l
RT: 13.235 min Scan# 4305
Delta R.T. 0.008 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

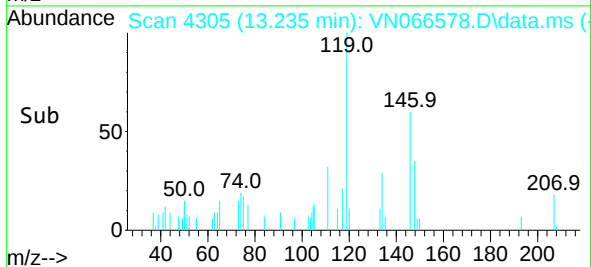
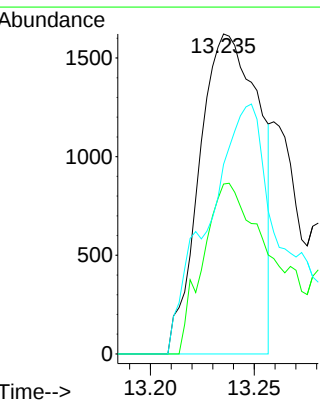
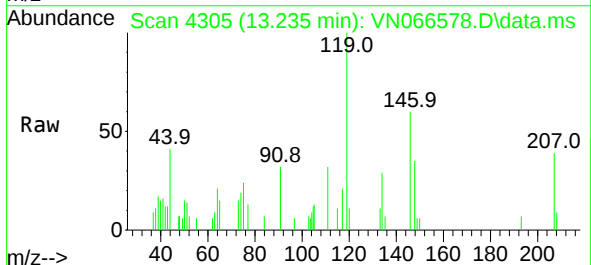
Instrument :
MSVOA_N
ClientSampled :

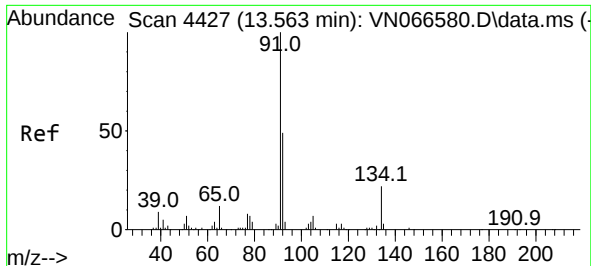
Tgt Ion:146 Resp: 3241
Ion Ratio Lower Upper
146 100
111 23.8 19.3 57.9
148 42.5 31.9 95.9



#84
1,4-Dichlorobenzene
Concen: 0.58 ug/l
RT: 13.235 min Scan# 4305
Delta R.T. -0.073 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion:146 Resp: 3241
Ion Ratio Lower Upper
146 100
111 23.8 18.4 55.0
148 42.5 31.9 95.5

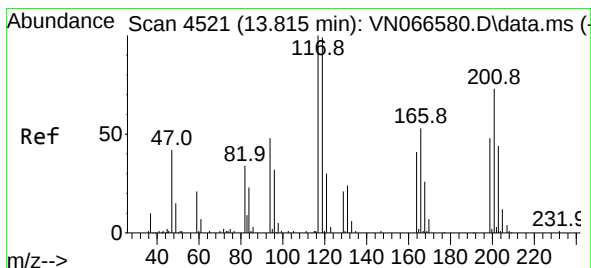
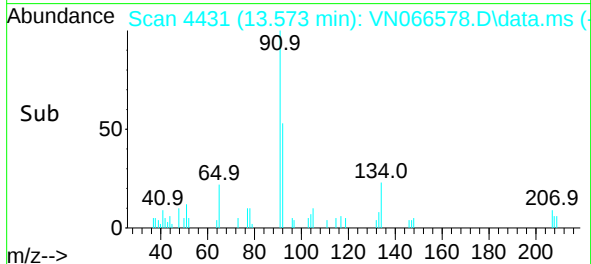
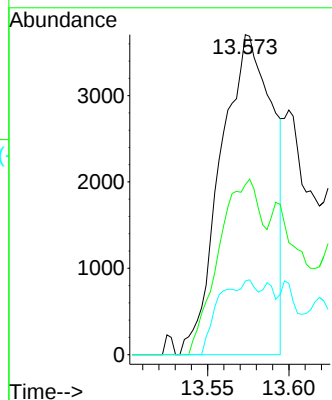
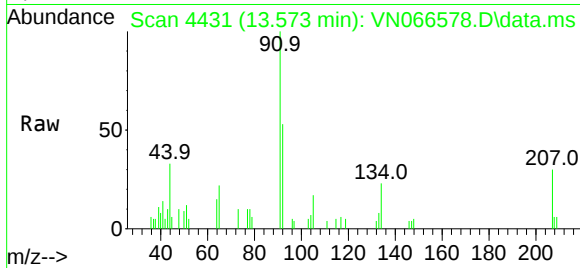




#85
n-Butylbenzene
Concen: 0.83 ug/l
RT: 13.573 min Scan# 4431
Delta R.T. 0.013 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

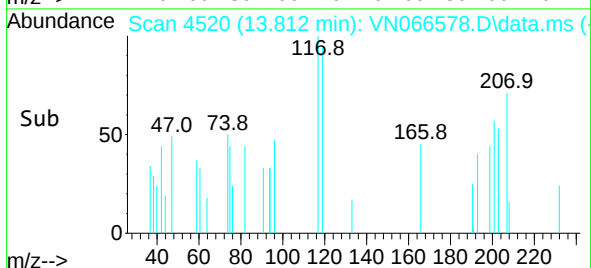
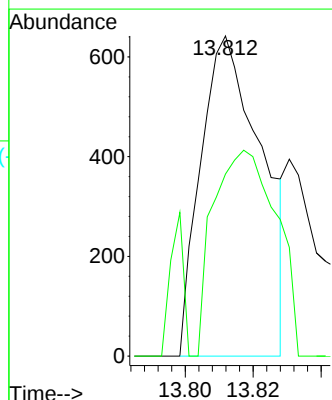
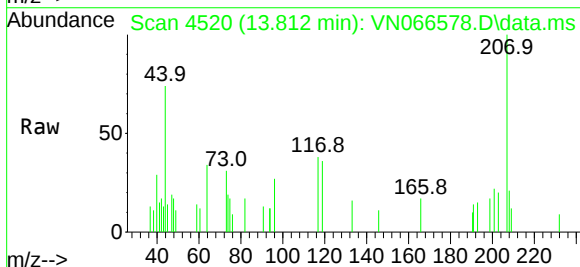
Instrument :
MSVOA_N
ClientSampled :

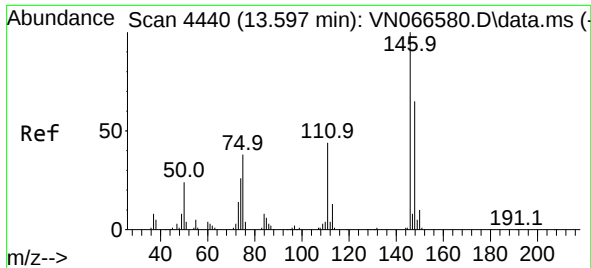
Tgt Ion: 91 Resp: 8249
Ion Ratio Lower Upper
91 100
92 26.0 0.0 102.6
134 9.3 0.0 49.0



#86
Hexachloroethane
Concen: 0.33 ug/l
RT: 13.812 min Scan# 4520
Delta R.T. -0.003 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion: 117 Resp: 799
Ion Ratio Lower Upper
117 100
201 66.6 43.3 129.8

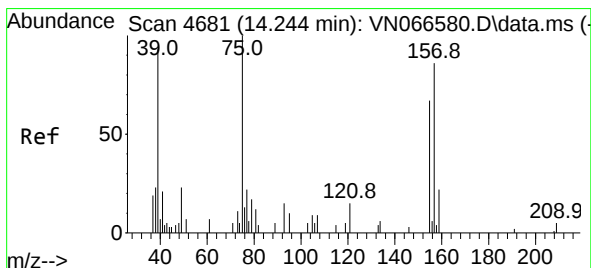
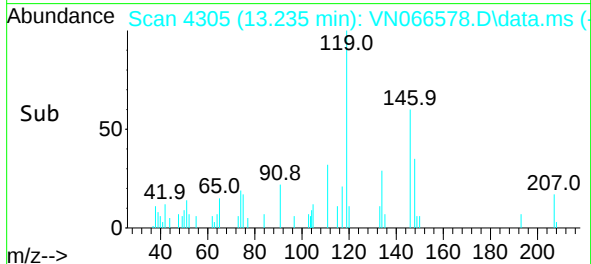
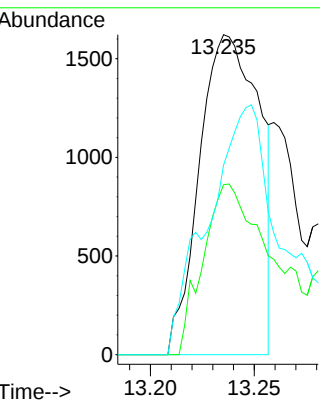
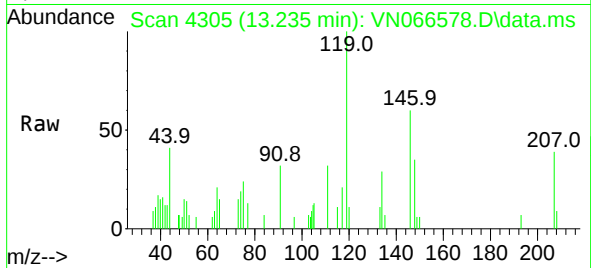




#87
1,2-Dichlorobenzene
Concen: 0.59 ug/l
RT: 13.235 min Scan# 4305
Delta R.T. -0.363 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

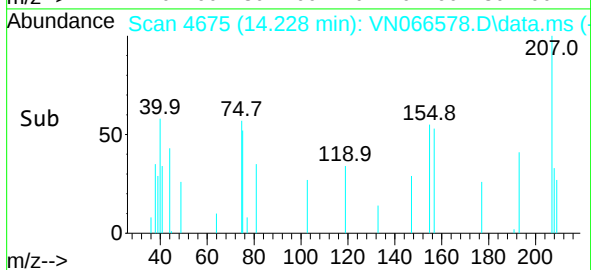
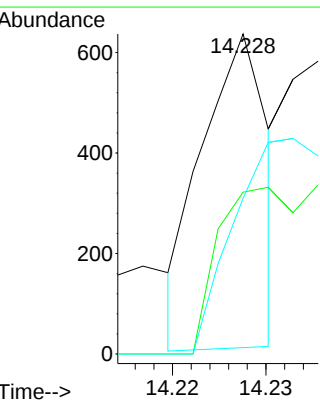
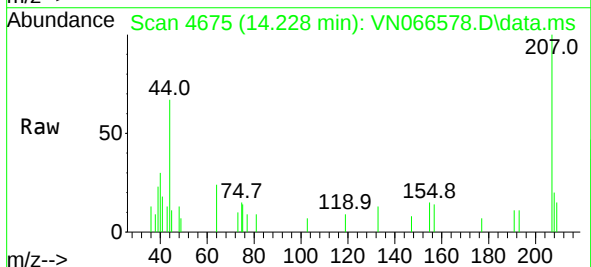
Instrument :
MSVOA_N
ClientSampled :

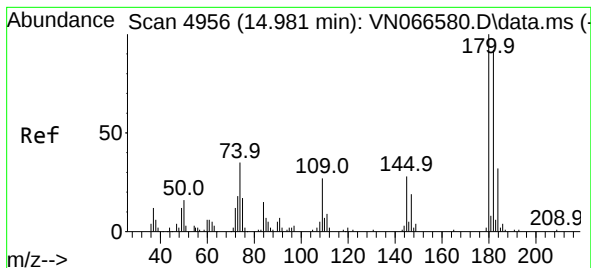
Tgt Ion:146 Resp: 3241
Ion Ratio Lower Upper
146 100
111 23.8 20.3 60.9
148 42.5 32.0 96.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 0.36 ug/l
RT: 14.228 min Scan# 4675
Delta R.T. -0.005 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion: 75 Resp: 308
Ion Ratio Lower Upper
75 100
155 61.7 68.3 102.5#
157 110.7 87.8 131.6

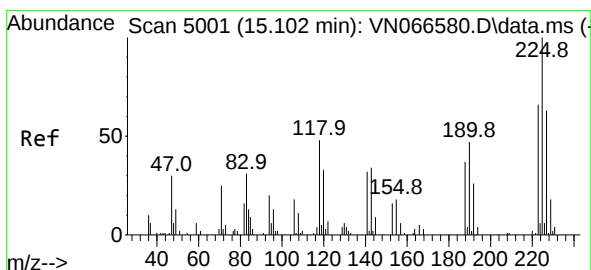
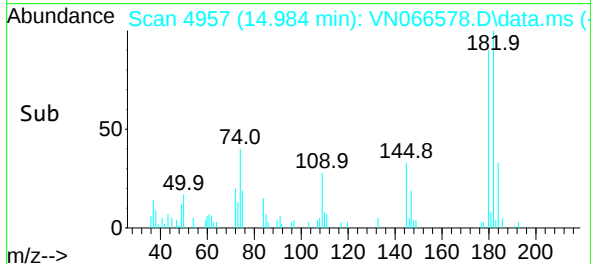
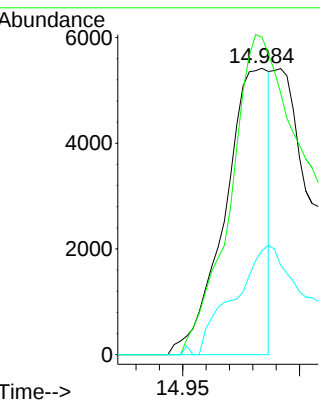
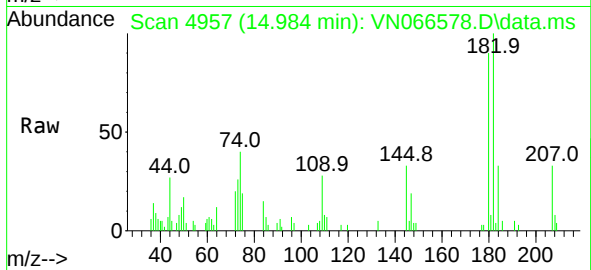




#89
1,2,4-Trichlorobenzene
Concen: 2.23 ug/l
RT: 14.984 min Scan# 4957
Delta R.T. 0.003 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

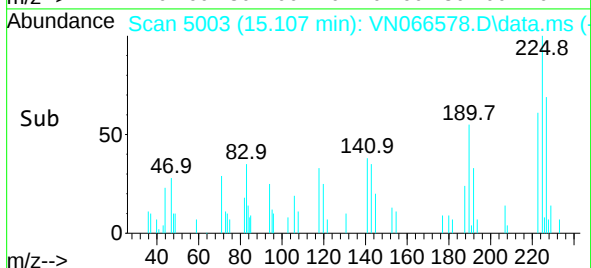
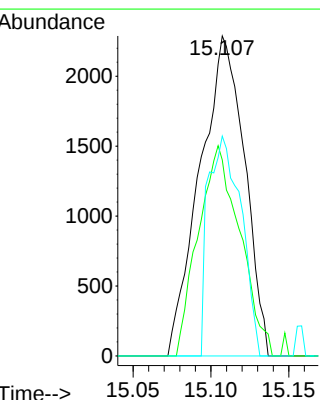
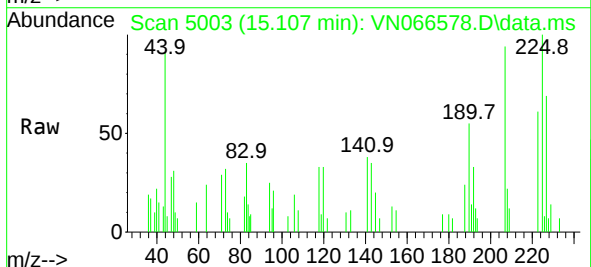
Instrument :
MSVOA_N
ClientSampled :

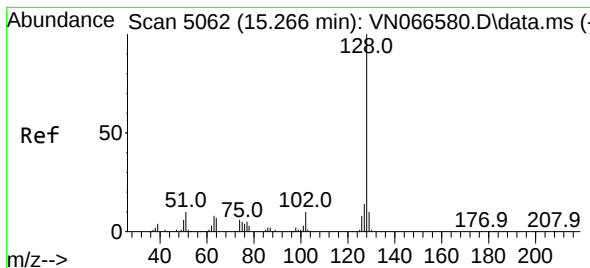
Tgt Ion:180 Resp: 7059
Ion Ratio Lower Upper
180 100
182 217.9 74.3 111.5#
145 62.5 23.4 35.0#



#90
Hexachlorobutadiene
Concen: 2.62 ug/l
RT: 15.107 min Scan# 5003
Delta R.T. 0.000 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion:225 Resp: 4556
Ion Ratio Lower Upper
225 100
223 61.4 0.0 124.6
227 37.2 0.0 126.6

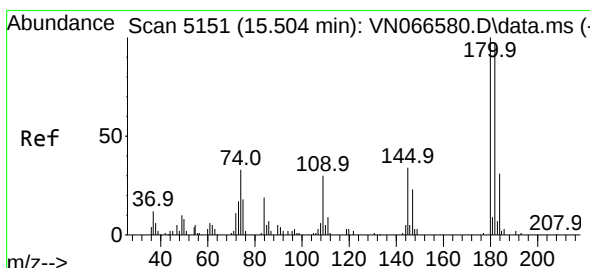
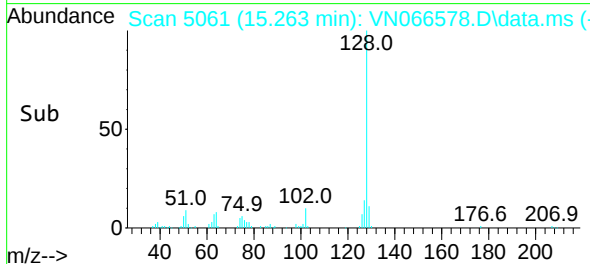
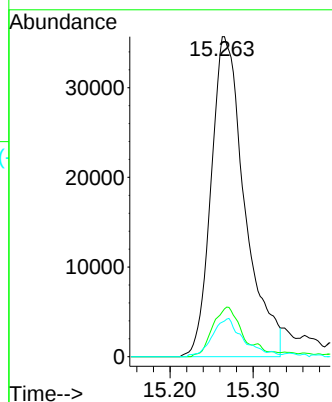
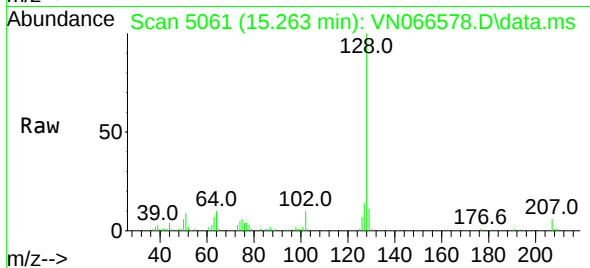




#91
Naphthalene
Concen: 11.32 ug/l
RT: 15.263 min Scan# 5061
Delta R.T. -0.003 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 100170
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 9.5 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 6.52 ug/l
RT: 15.504 min Scan# 5151
Delta R.T. 0.002 min
Lab File: VN066578.D
Acq: 13 Apr 2021 14:30

Tgt Ion:180 Resp: 20391
Ion Ratio Lower Upper
180 100
182 97.8 0.0 190.0
145 35.6 0.0 60.8

