

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080620\
 Data File : VN062773.D
 Acq On : 6 Aug 2020 17:55
 Operator : JC/MD
 Sample : L3563-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWM-COMP

Quant Time: Aug 07 03:10:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	132937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	238618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	235696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	100973	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	110147	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	7.55	113	80176	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	10.06	98	308813	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	12.38	95	117384	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	

Target Compounds

						Qvalue
3) Chloromethane	2.03	50	361	0.201	ug/l #	43
11) Tert butyl alcohol	4.74	59	10940	30.363	ug/l #	94
13) Acrolein	3.75	56	151	0.692	ug/l #	14
14) Allyl chloride	4.23	41	957	0.411	ug/l #	23
16) Acetone	3.77	43	3766050	4741.039	ug/l	98
18) Methyl Acetate	4.28	43	3028	0.493	ug/l	100
20) Methylene Chloride	4.51	84	3186	1.453	ug/l	84
25) 2-Butanone	6.79	43	67666	60.145	ug/l	97
29) Tetrahydrofuran	7.18	42	264	0.361	ug/l #	33
30) Chloroform	7.33	83	5027	1.629	ug/l	88
31) Cyclohexane	7.63	56	3531	1.325	ug/l #	9
36) 1,1-Dichloropropene	7.62	75	11010	4.739	ug/l #	51
37) Ethyl Acetate	6.79	43	67666	27.880	ug/l #	67
38) Carbon Tetrachloride	7.63	117	14196	5.166	ug/l #	15
40) Benzene	8.00	78	1596	0.230	ug/l	93
48) Methyl methacrylate	9.26	41	1416	0.711	ug/l #	29
51) 4-Methyl-2-Pentanone	9.95	43	68673	26.218	ug/l	97
52) Toluene	10.12	92	49222	11.498	ug/l	97
56) Ethyl methacrylate	10.33	69	6813	2.476	ug/l #	54
59) 2-Hexanone	10.73	43	3257	1.667	ug/l	84
67) Ethyl Benzene	11.48	91	12545	1.423	ug/l	98
68) m/p-Xylenes	11.59	106	20752	6.484	ug/l	93
69) o-Xylene	11.92	106	20376	6.794	ug/l	100
70) Styrene	11.93	104	1681	0.319	ug/l #	1
71) Bromoform	12.37	173	437	0.270	ug/l #	1
73) Isopropylbenzene	12.23	105	3695	0.486	ug/l	98
74) N-amyl acetate	12.00	43	5501	1.785	ug/l #	44
76) 1,2,3-Trichloropropane	12.38	75	63314	23.250	ug/l #	100
78) n-propylbenzene	12.57	91	10277	1.151	ug/l	97
79) 2-Chlorotoluene	12.63	91	5874	1.050	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.71	105	22319	3.384	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	63314	70.977	ug/l #	10
82) 4-Chlorotoluene	12.71	91	2230	0.387	ug/l #	44
83) tert-Butylbenzene	13.02	119	9237	1.655	ug/l #	71

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 QLast Update : Wed Aug 05 13:26:42 2020
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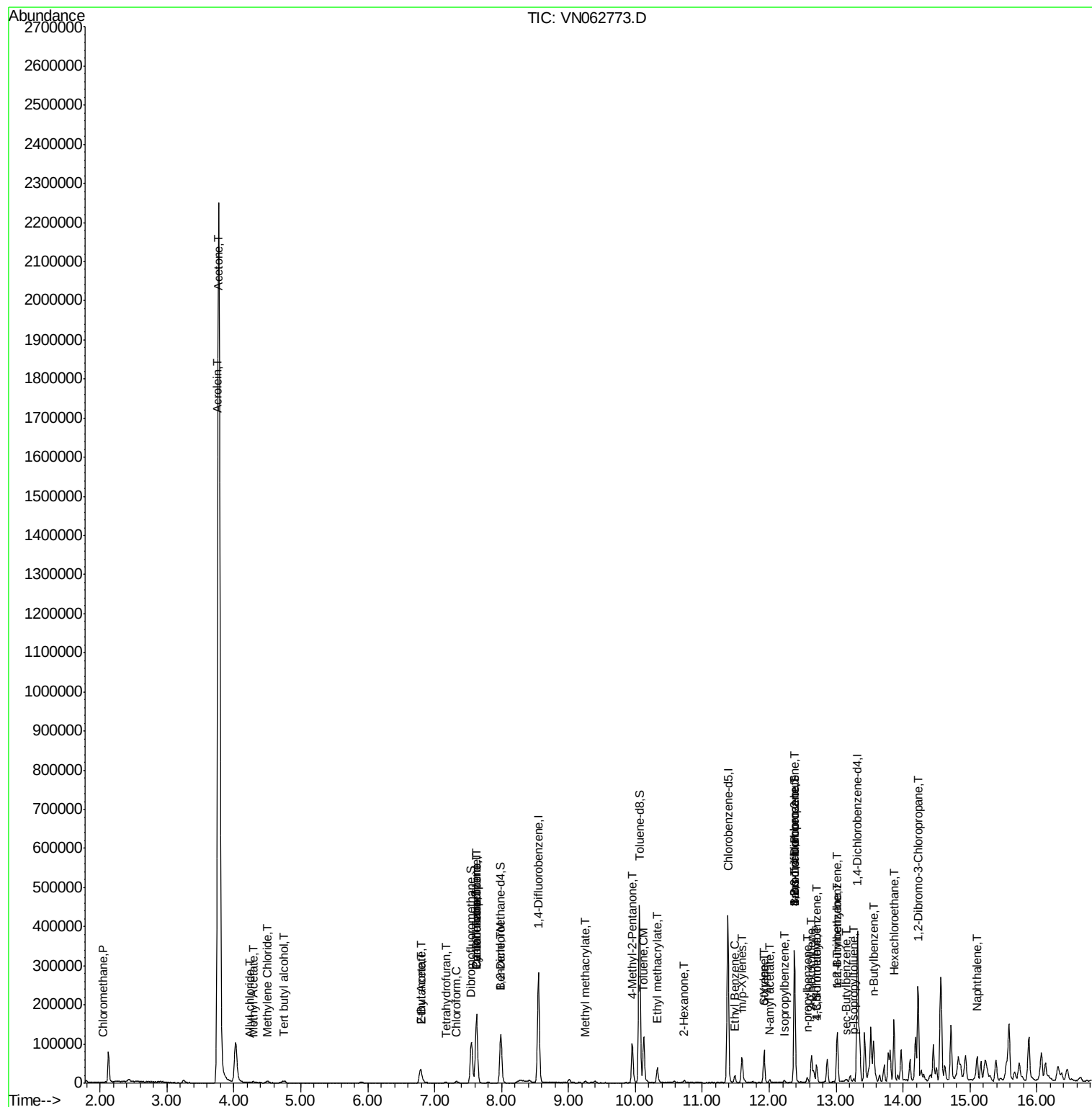
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.01	105	71895	11.393	ug/l	98
85) sec-Butylbenzene	13.15	105	4874	0.665	ug/l	99
86) p-Isopropyltoluene	13.26	119	4959	0.762	ug/l	96
89) n-Butylbenzene	13.56	91	6709	1.219	ug/l #	1
90) Hexachloroethane	13.86	117	8934	6.371	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.22	75	1130	1.967	ug/l #	10
95) Naphthalene	15.10	128	47999	13.282	ug/l	99

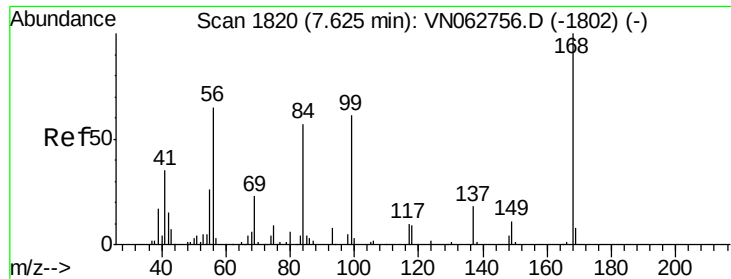
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062773.D

Acq: 6 Aug 2020 17:55

Instrument :

MSVOA_N

ClientSampled :

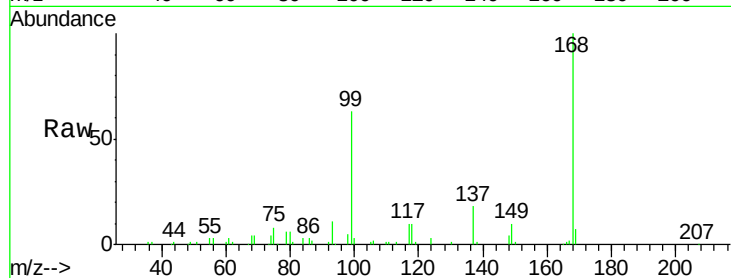
NWM-COMP

Tot Ion:168 Resp: 132937

Ion Ratio Lower Upper

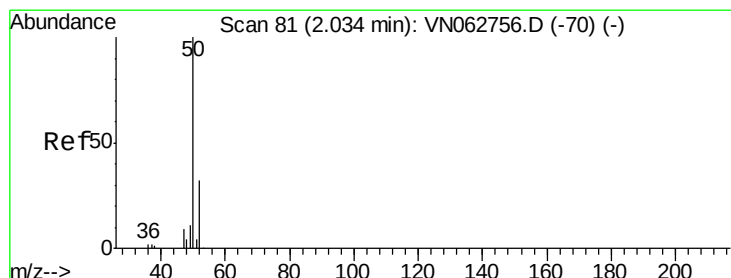
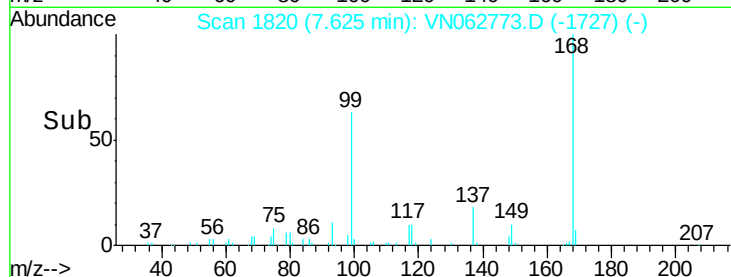
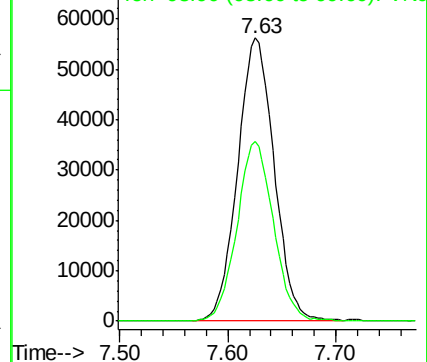
168 100

99 63.3 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.201 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062773.D

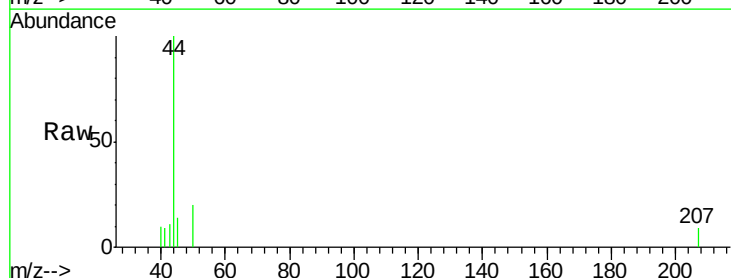
Acq: 6 Aug 2020 17:55

Tgt Ion: 50 Resp: 361

Ion Ratio Lower Upper

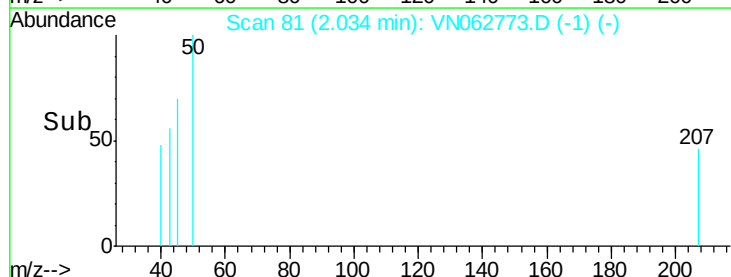
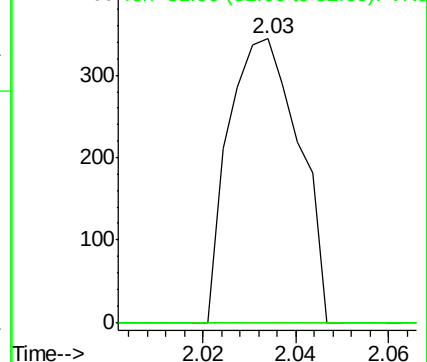
50 100

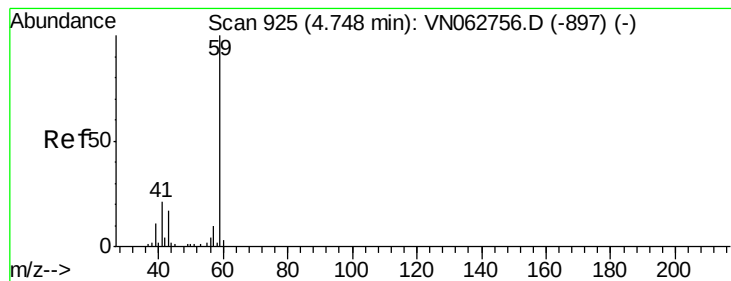
52 0.0 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#11

Tert butyl alcohol

Concen: 30.363 ug/l

RT: 4.74 min Scan# 924

Delta R.T. -0.00 min

Lab File: VN062773.D

Acq: 6 Aug 2020 17:55

Instrument :

MSVOA_N

ClientSampled :

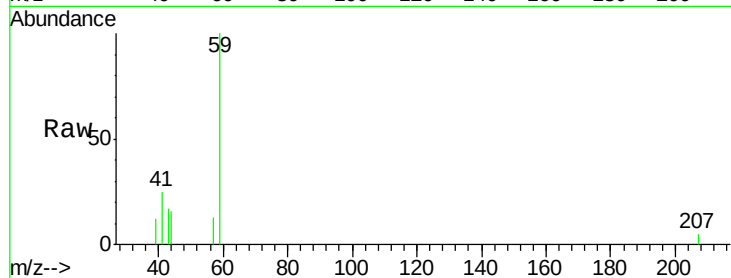
NWM-COMP

Tot Ion: 59 Resp: 10940

Ion Ratio Lower Upper

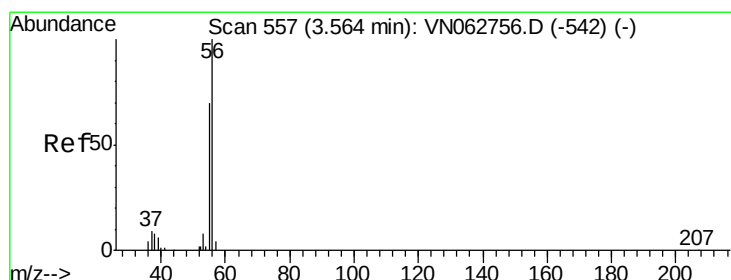
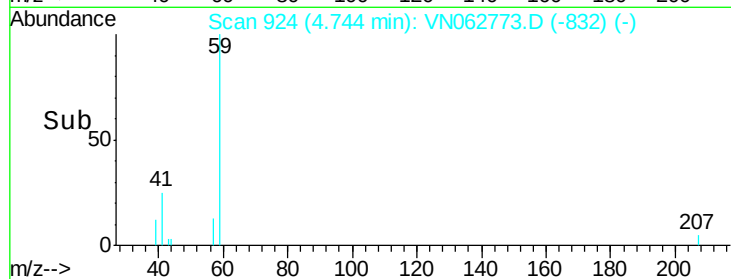
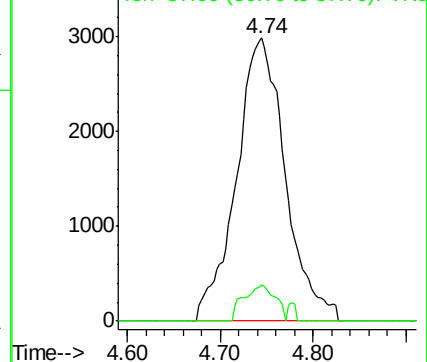
59 100

57 8.3 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#13

Acrolein

Concen: 0.692 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.19 min

Lab File: VN062773.D

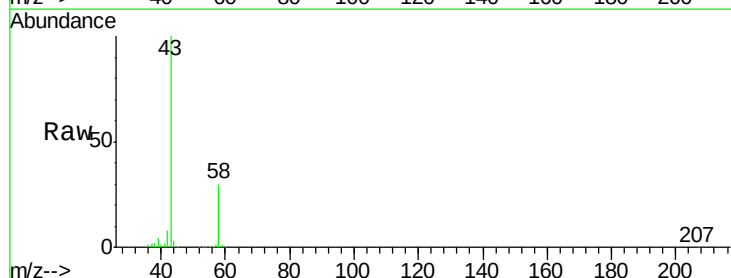
Acq: 6 Aug 2020 17:55

Tgt Ion: 56 Resp: 151

Ion Ratio Lower Upper

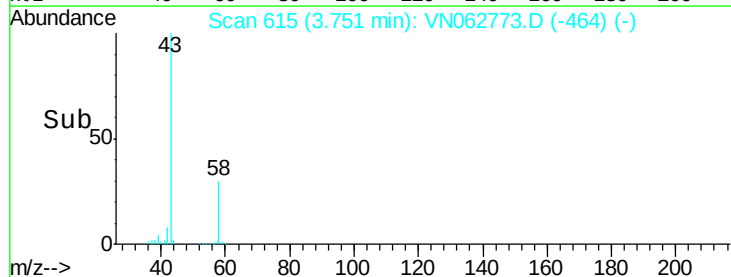
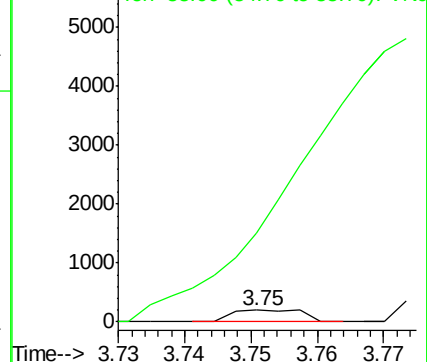
56 100

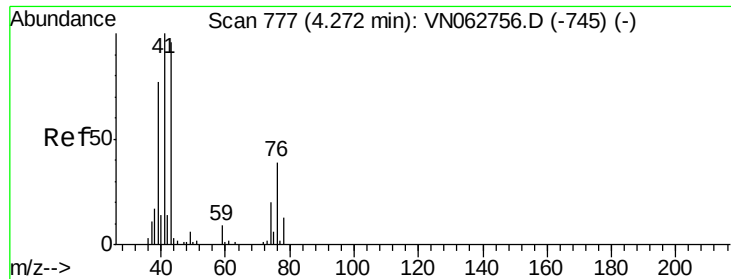
55 0.0 57.0 85.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

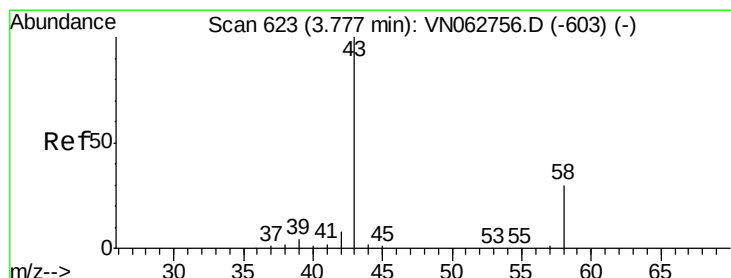
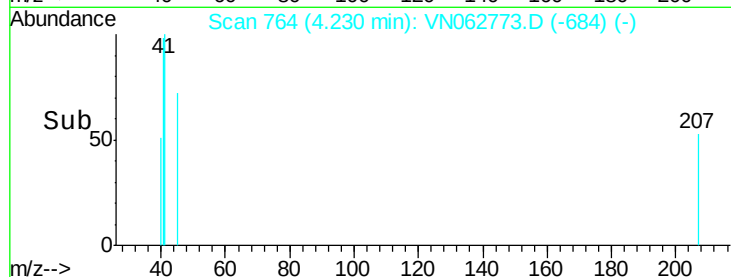
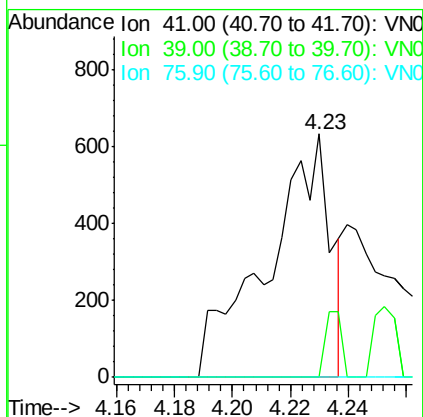
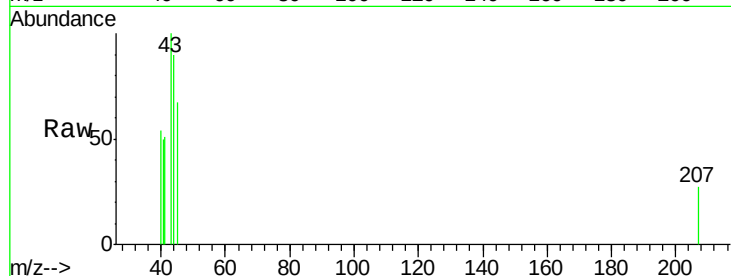




#14
Allvl chloride
Concen: 0.411 ug/l
RT: 4.23 min Scan# 764
Delta R.T. -0.04 min
Lab File: VN062773.D
Acq: 6 Aug 2020 17:55

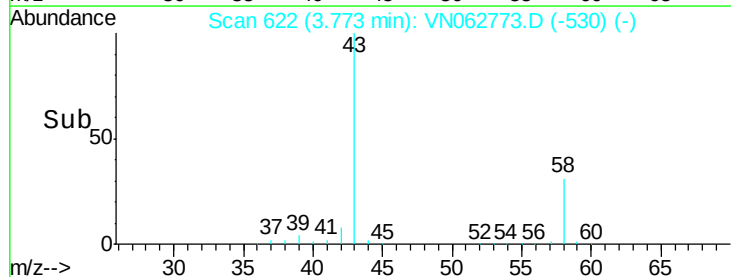
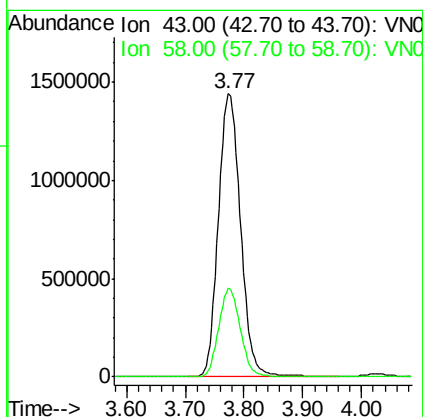
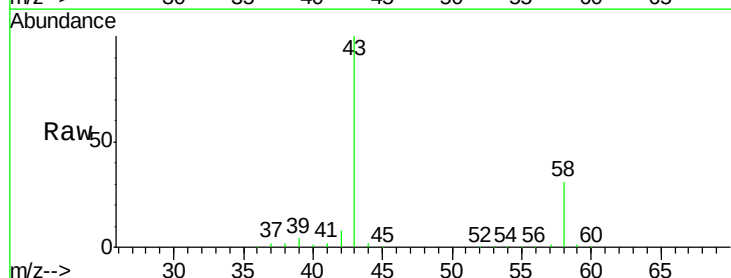
Instrument :
MSVOA_N
ClientSampled :
NWM-COMP

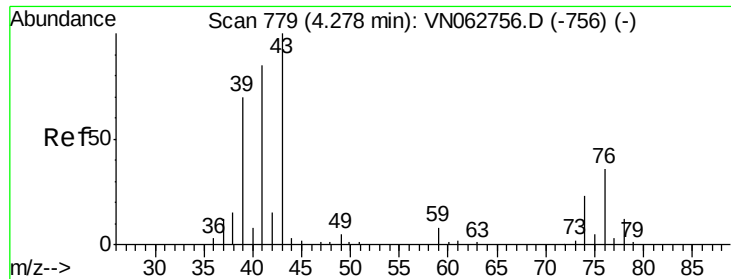
Tot Ion: 41 Resp: 957
Ion Ratio Lower Upper
41 100
39 0.0 55.7 83.5#
76 0.0 27.5 41.3#



#16
Acetone
Concen: 4741.039 ug/l
RT: 3.77 min Scan# 622
Delta R.T. -0.00 min
Lab File: VN062773.D
Acq: 6 Aug 2020 17:55

Tgt Ion: 43 Resp: 3766050
Ion Ratio Lower Upper
43 100
58 31.2 24.1 36.1

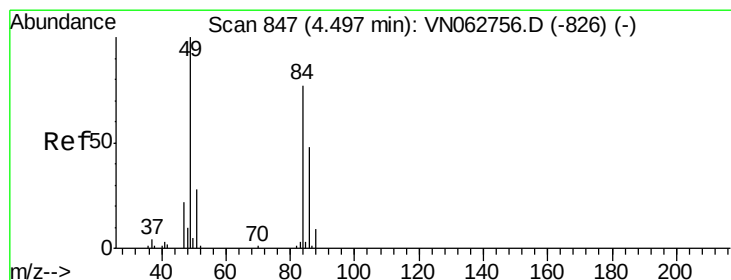
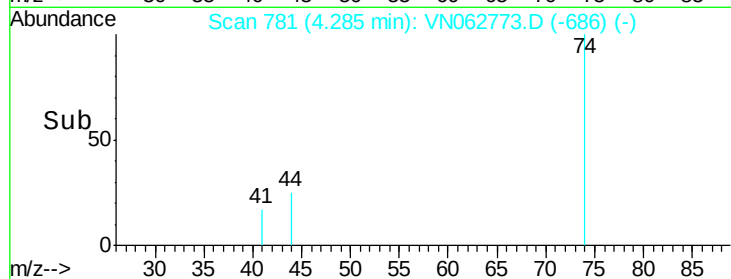
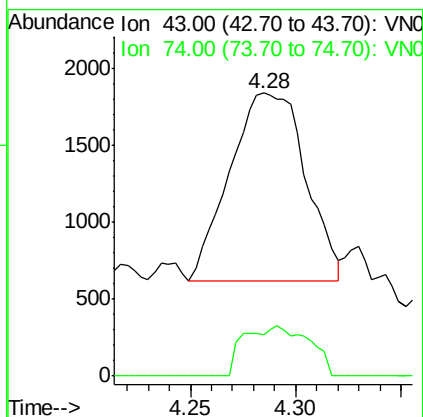
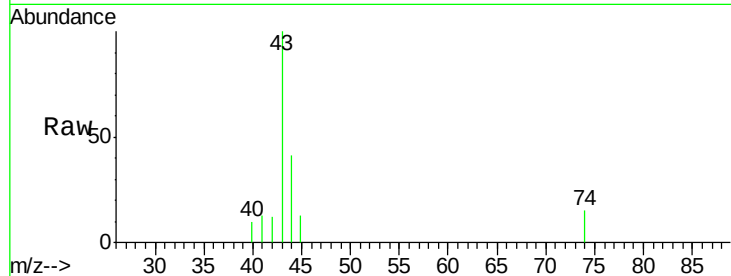




#18
Methvl Acetate
Concen: 0.493 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062773.D
Acq: 6 Aug 2020 17:55

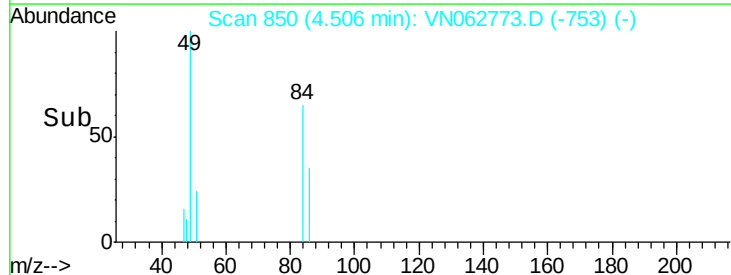
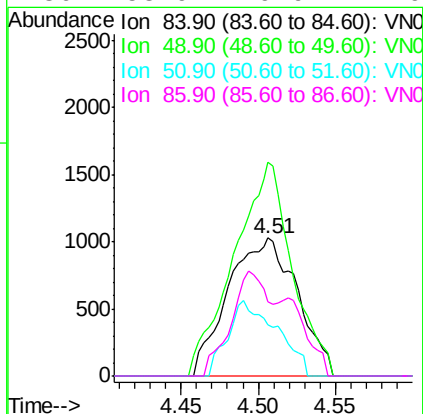
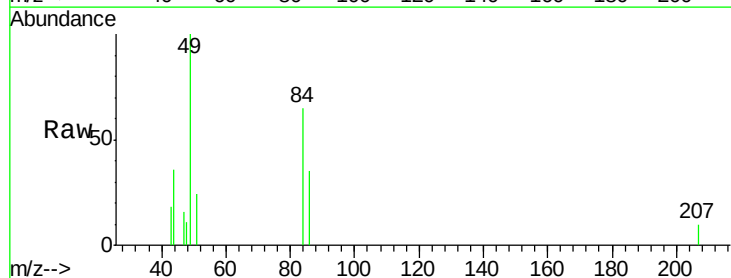
Instrument :
MSVOA_N
ClientSampleId :
NWM-COMP

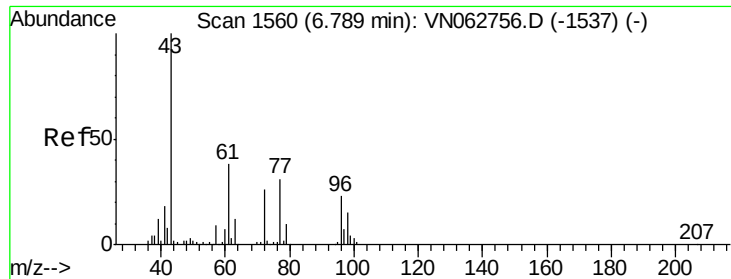
Tot Ion: 43 Resp: 3028
Ion Ratio Lower Upper
43 100
74 23.1 18.6 28.0



#20
Methylene Chloride
Concen: 1.453 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN062773.D
Acq: 6 Aug 2020 17:55

Tgt Ion: 84 Resp: 3186
Ion Ratio Lower Upper
84 100
49 154.9 103.4 155.2
51 37.0 29.3 43.9
86 53.9 49.9 74.9

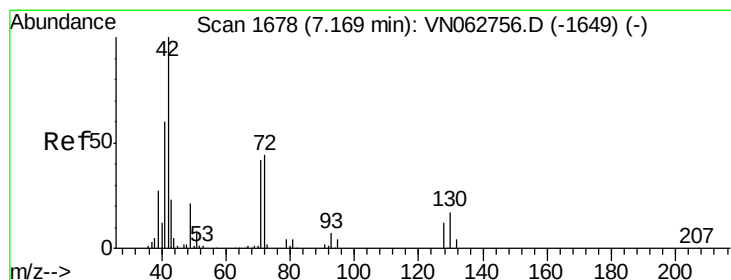
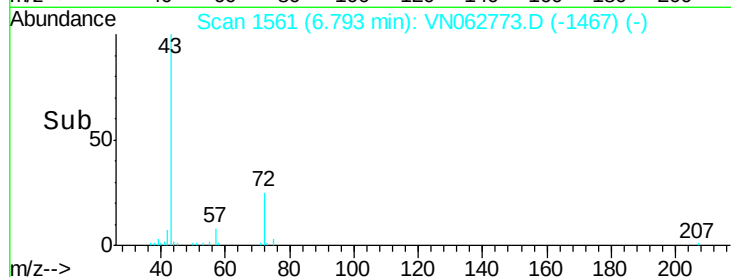
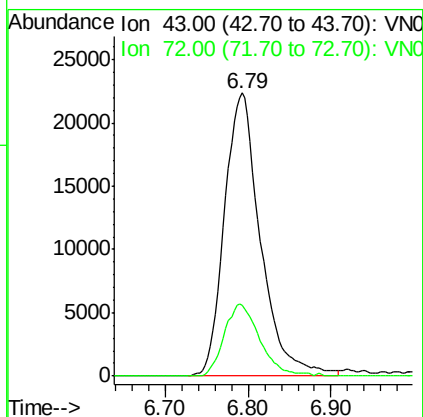
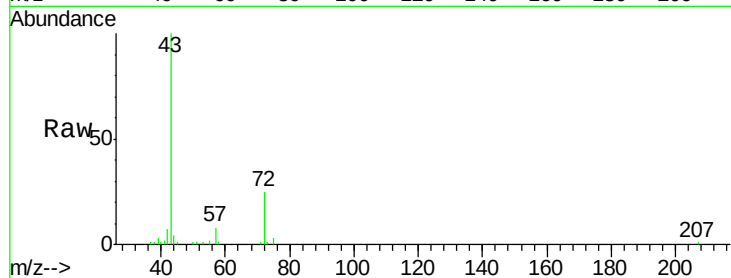




#25
2-Butanone
Concen: 60.145 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.00 min
Lab File: VN062773.D
Acq: 6 Aug 2020 17:55

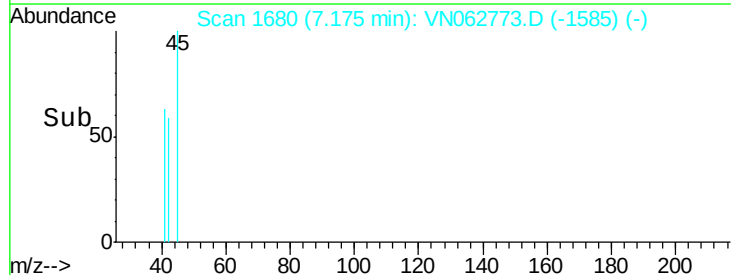
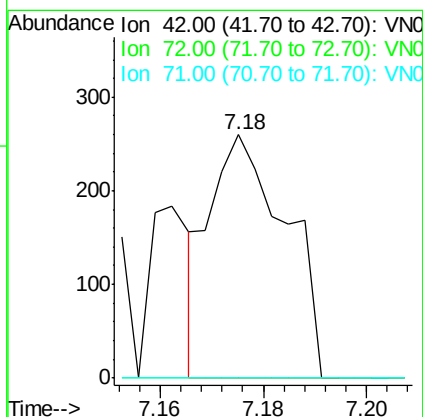
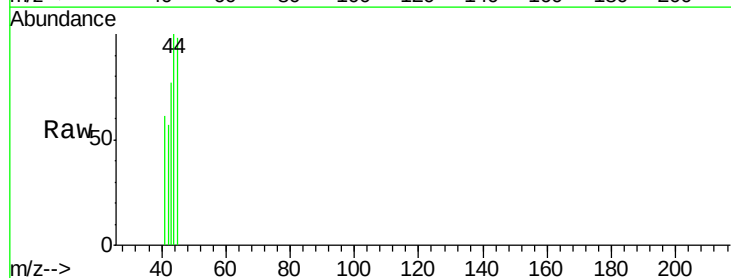
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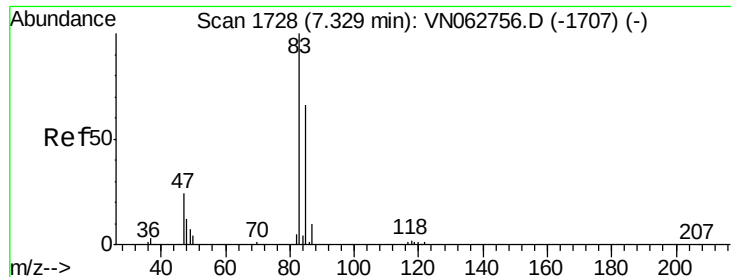
Tot Ion: 43 Resp: 67666
Ion Ratio Lower Upper
43 100
72 25.0 21.1 31.7



#29
Tetrahydrofuran
Concen: 0.361 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN062773.D
Acq: 6 Aug 2020 17:55

Tgt Ion: 42 Resp: 264
Ion Ratio Lower Upper
42 100
72 0.0 35.0 52.4#
71 0.0 33.2 49.8#

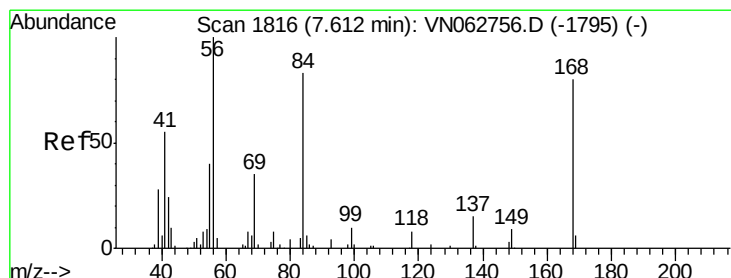
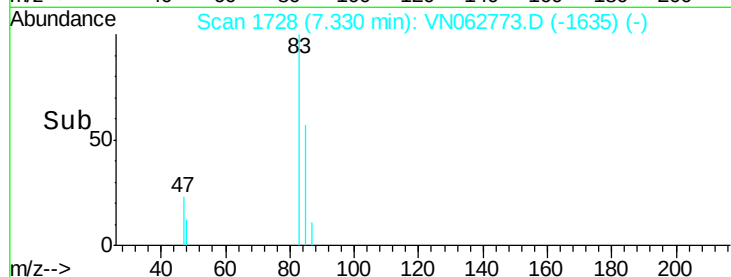
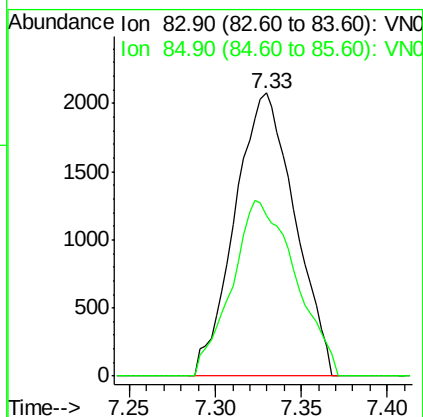
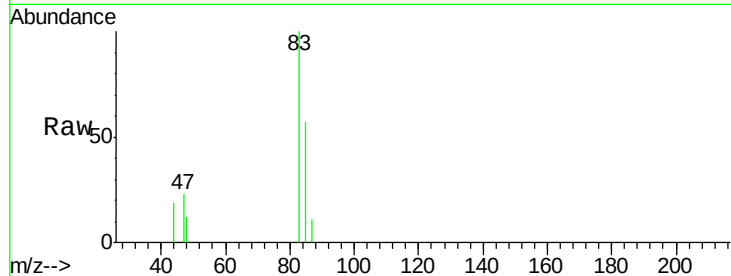




#30
Chloroform
Concen: 1.629 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062773.D
Acq: 6 Aug 2020 17:55

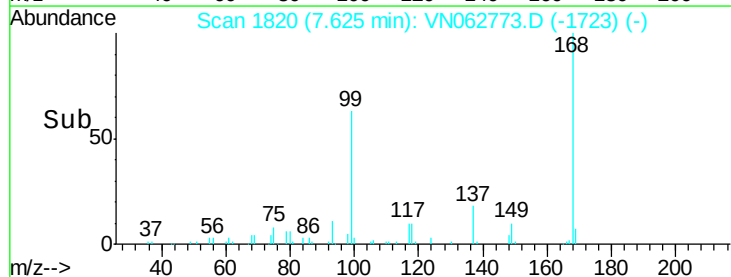
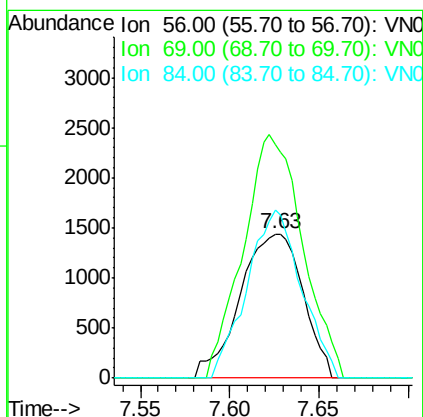
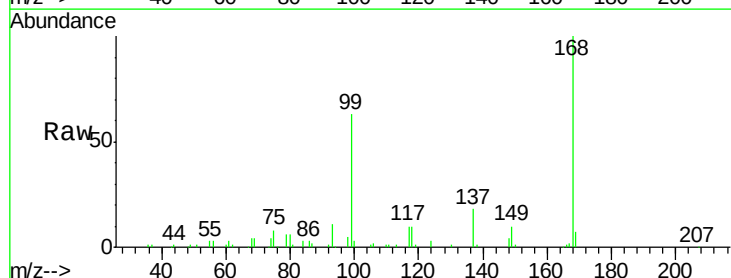
Instrument :
MSVOA_N
ClientSampleId :
NWM-COMP

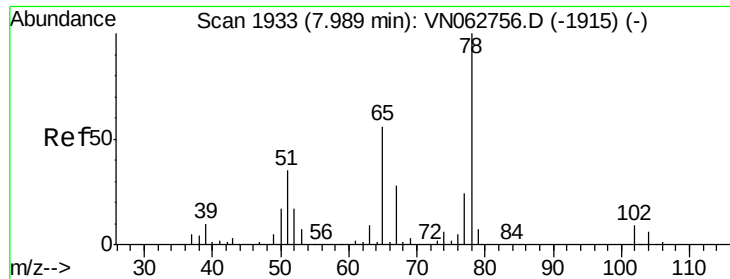
Tot Ion: 83 Resp: 5027
Ion Ratio Lower Upper
83 100
85 56.6 52.7 79.1



#31
Cyclohexane
Concen: 1.325 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN062773.D
Acq: 6 Aug 2020 17:55

Tgt Ion: 56 Resp: 3531
Ion Ratio Lower Upper
56 100
69 162.0 28.1 42.1#
84 116.8 66.8 100.2#

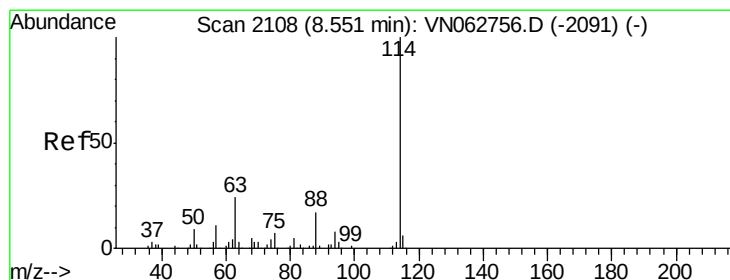
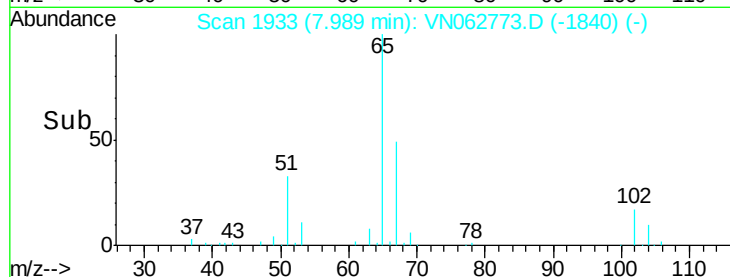
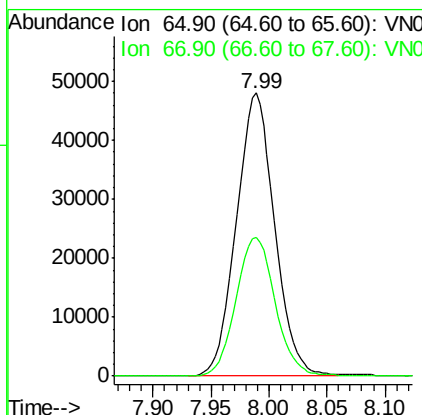
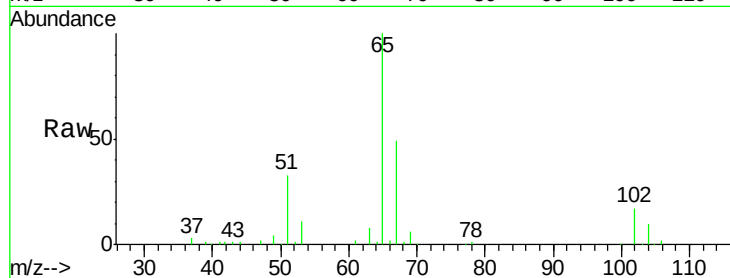




#33
 1,2-Dichloroethane-d4
 Concen: 50.104 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062773.D
 Acq: 6 Aug 2020 17:55

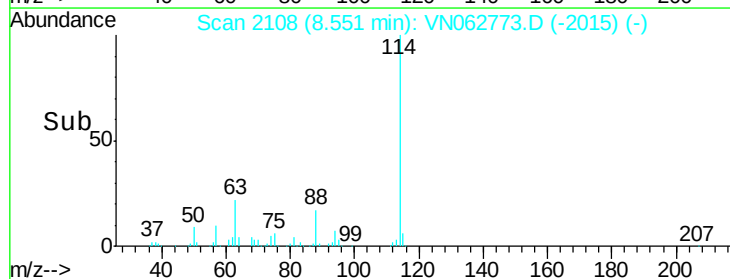
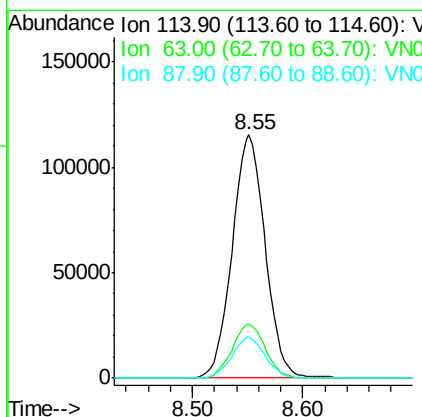
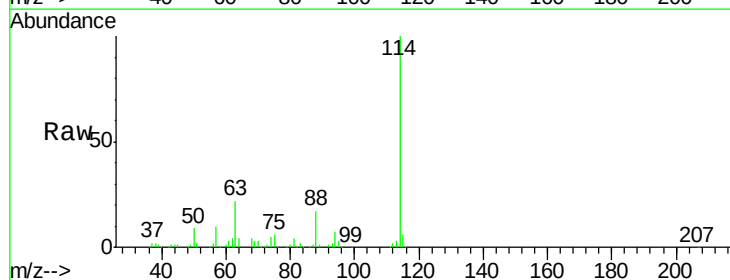
Instrument :
 MSVOA_N
 ClientSampled :
 NWM-COMP

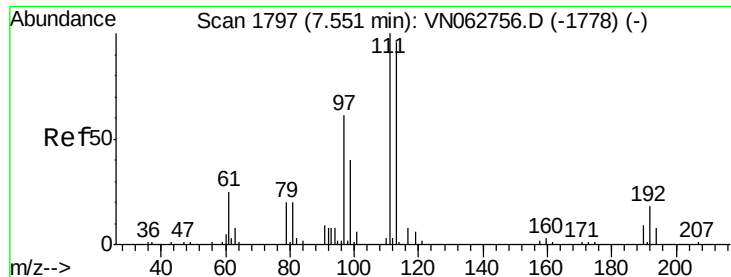
Tot Ion: 65 Resp: 110147
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062773.D
 Acq: 6 Aug 2020 17:55

Tgt Ion: 114 Resp: 238618
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 47.6
 88 16.8 0.0 34.4

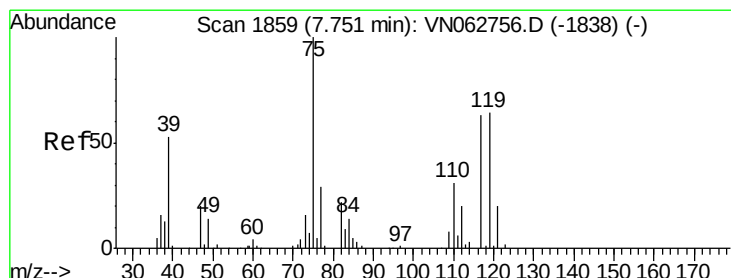
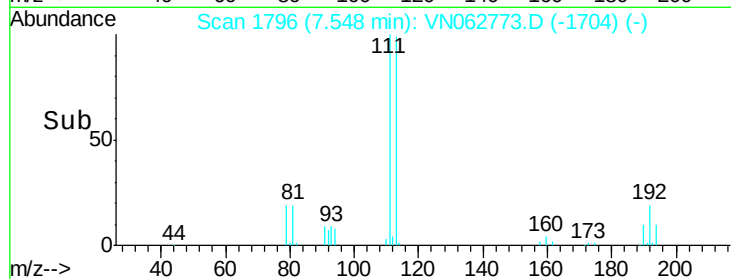
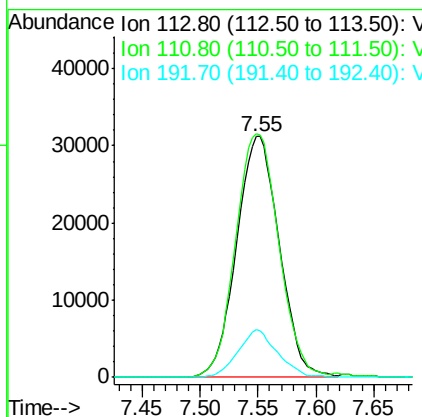
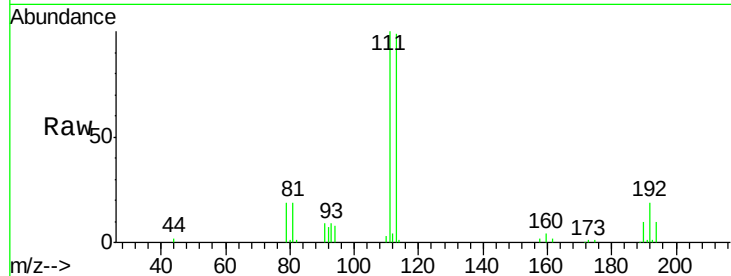




#35
 Dibromofluoromethane
 Concen: 49.119 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062773.D
 Acq: 6 Aug 2020 17:55

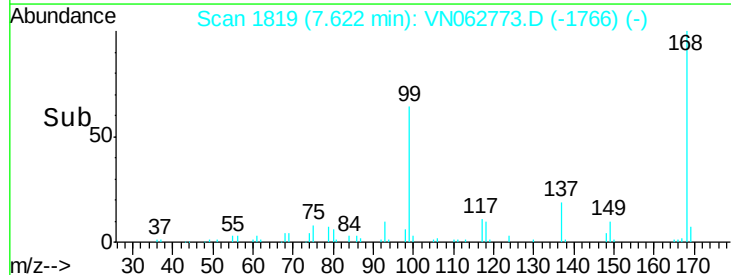
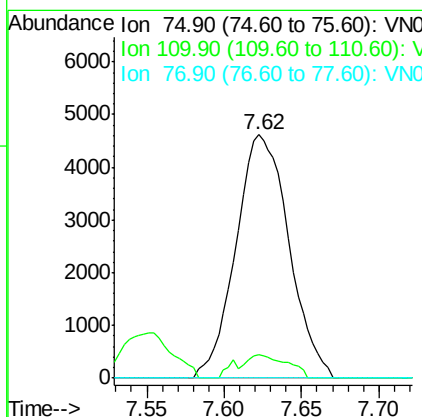
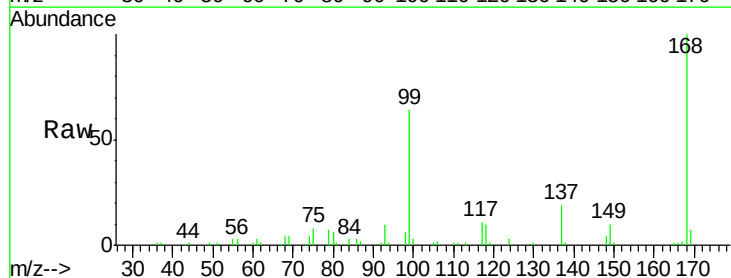
Instrument :
 MSVOA_N
 ClientSampleId :
 NWM-COMP

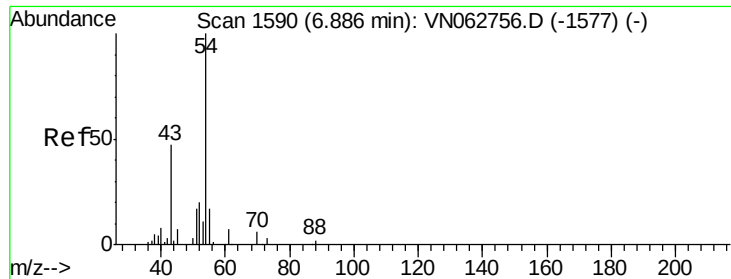
Tot Ion:113 Resp: 80176
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.6
 192 18.0 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 4.739 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062773.D
 Acq: 6 Aug 2020 17:55

Tgt Ion: 75 Resp: 11010
 Ion Ratio Lower Upper
 75 100
 110 7.3 15.6 46.7#
 77 0.0 24.1 36.1#

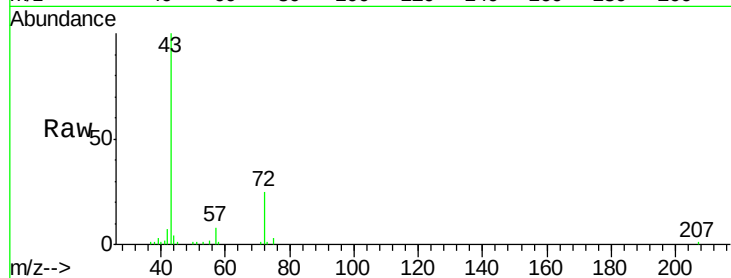




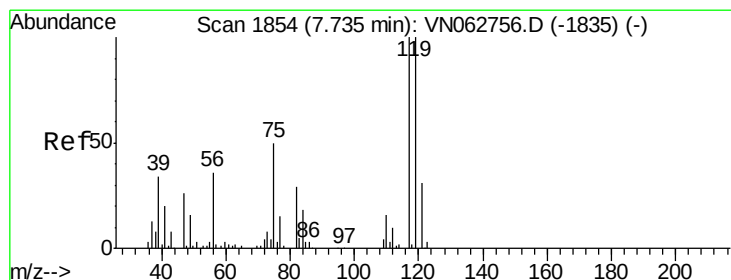
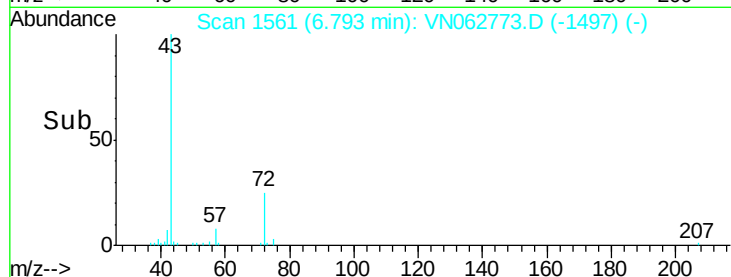
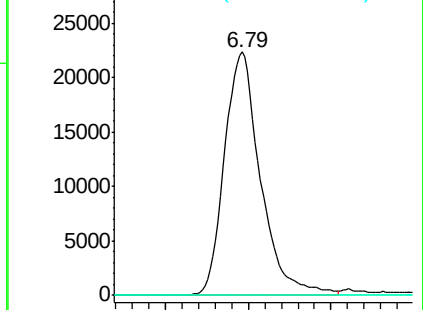
#37
Ethyl Acetate
Concen: 27.880 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.09 min
Lab File: VN062773.D
Acq: 6 Aug 2020 17:55

Instrument :
MSVOA_N
ClientSampleId :
NWM-COMP

Tot Ion: 43 Resp: 67666
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 8.3 12.5#

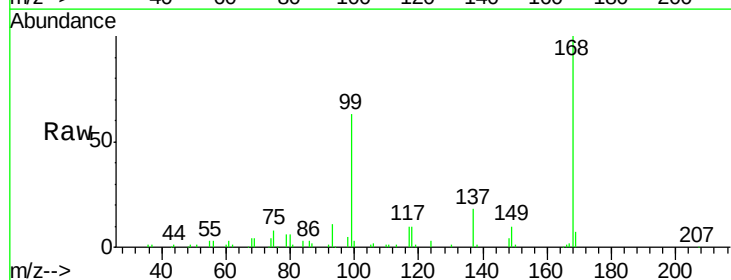


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

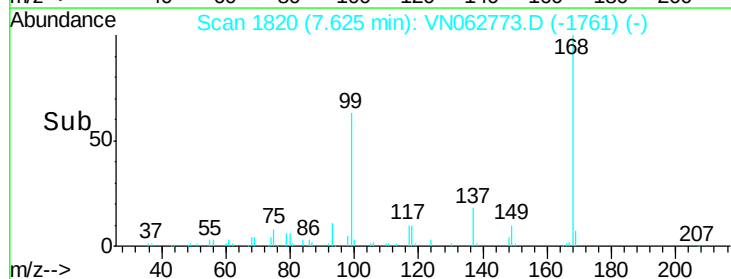
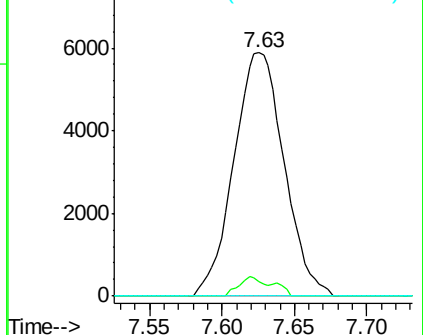


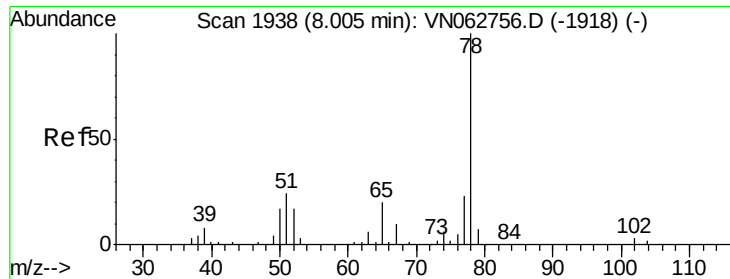
#38
Carbon Tetrachloride
Concen: 5.166 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN062773.D
Acq: 6 Aug 2020 17:55

Tgt Ion: 117 Resp: 14196
Ion Ratio Lower Upper
117 100
119 6.2 79.4 119.2#
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 0.230 ug/l

RT: 8.00 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VN062773.D

Acq: 6 Aug 2020 17:55

Instrument :

MSVOA_N

ClientSampled :

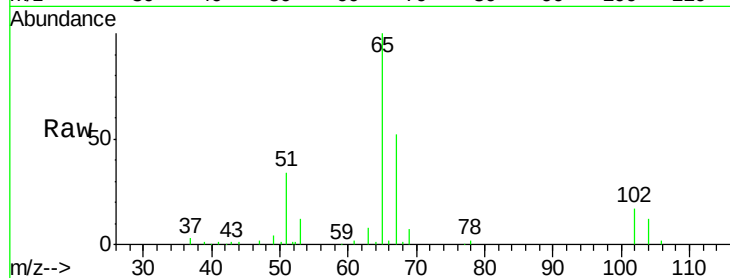
NWM-COMP

Tot Ion: 78 Resp: 1596

Ion Ratio Lower Upper

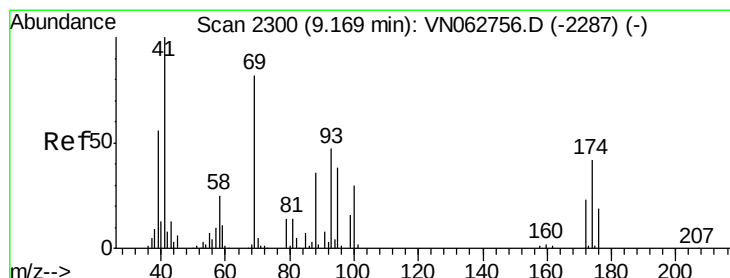
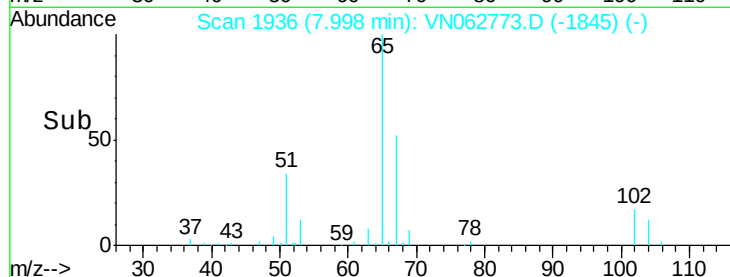
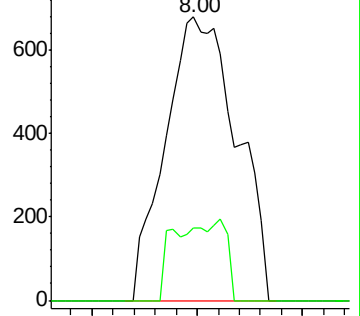
78 100

77 25.8 18.1 27.1



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#48

Methyl methacrylate

Concen: 0.711 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.09 min

Lab File: VN062773.D

Acq: 6 Aug 2020 17:55

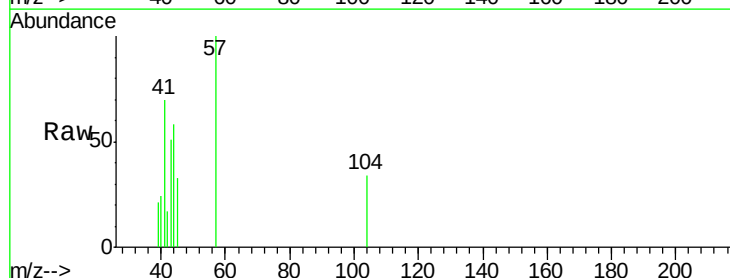
Tgt Ion: 41 Resp: 1416

Ion Ratio Lower Upper

41 100

69 0.0 67.4 101.2#

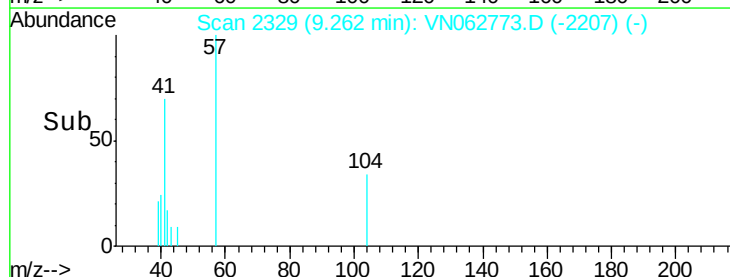
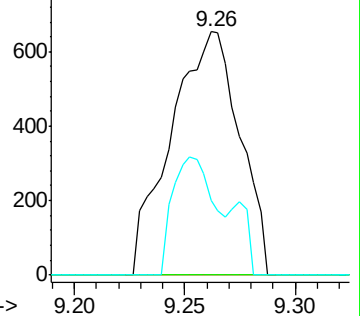
39 29.5 47.6 71.4#

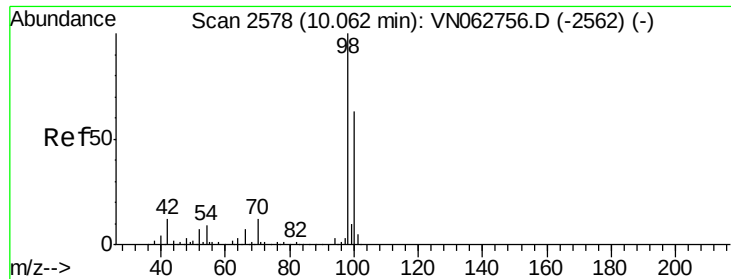


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

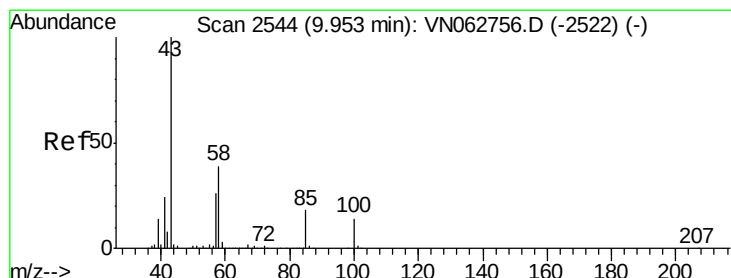
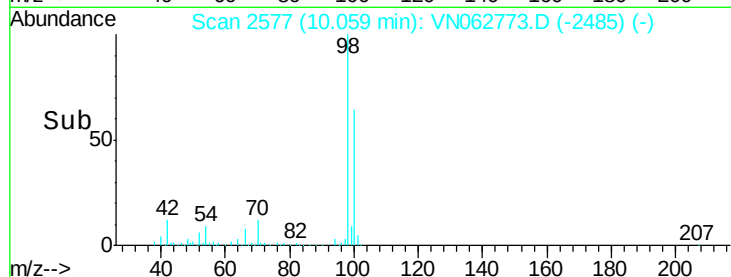
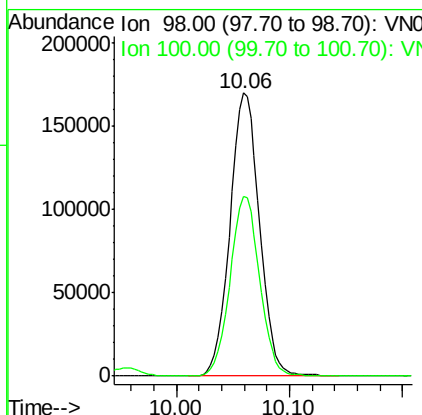
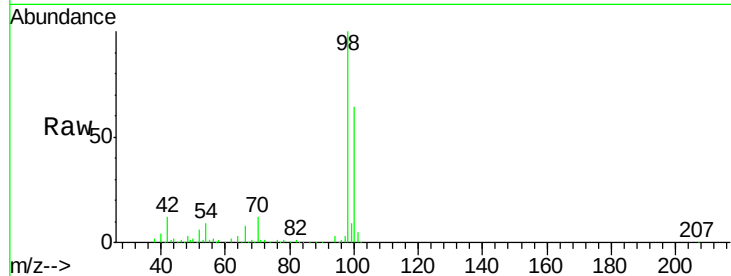




#50
Toluene-d8
Concen: 48.460 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062773.D
Acq: 6 Aug 2020 17:55

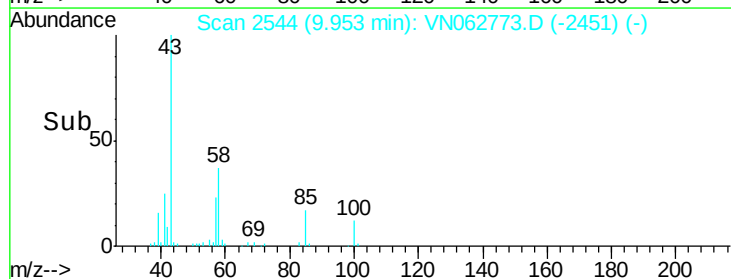
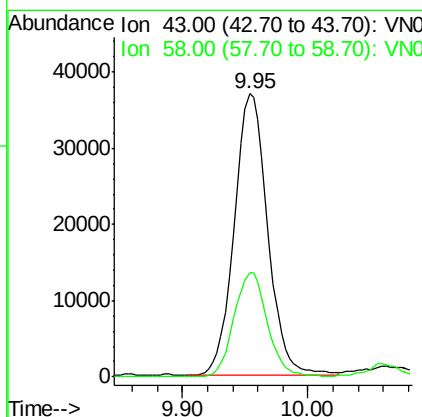
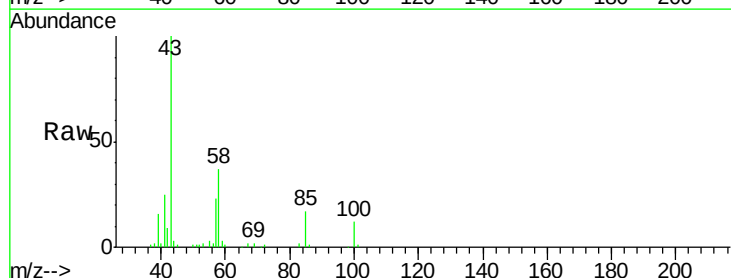
Instrument :
MSVOA_N
ClientSampled :
NWM-COMP

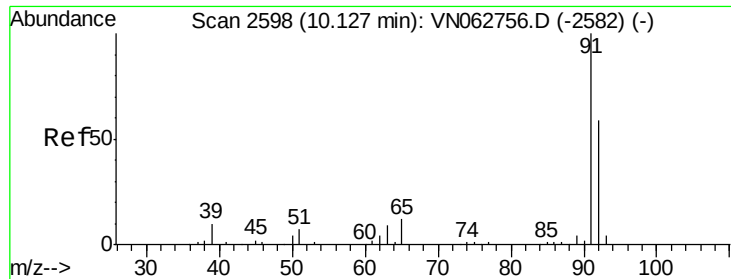
Tot Ion: 98 Resp: 308813
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 26.218 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062773.D
Acq: 6 Aug 2020 17:55

Tgt Ion: 43 Resp: 68673
Ion Ratio Lower Upper
43 100
58 36.9 31.1 46.7





#52

Toluene

Concen: 11.498 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062773.D

Acq: 6 Aug 2020 17:55

Instrument :

MSVOA_N

ClientSampled :

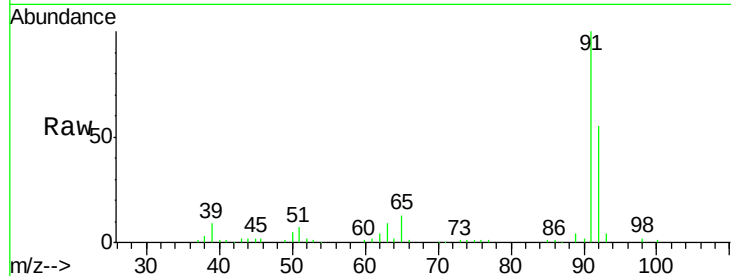
NWM-COMP

Tot Ion: 92 Resp: 49222

Ion Ratio Lower Upper

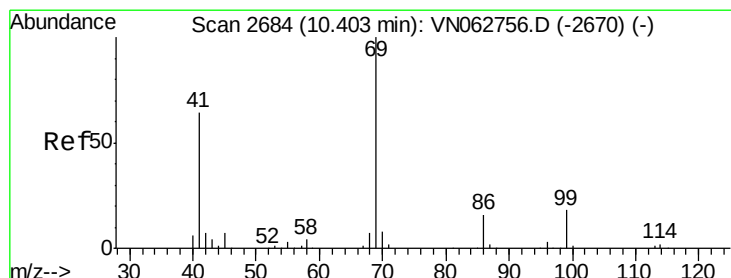
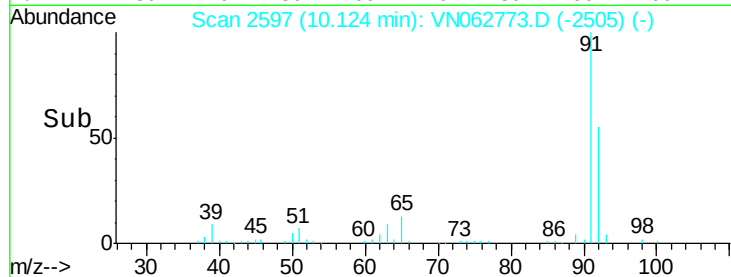
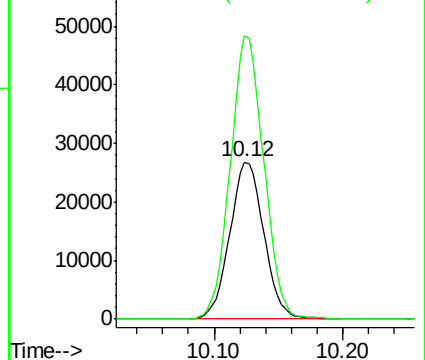
92 100

91 177.5 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#56

Ethyl methacrylate

Concen: 2.476 ug/l

RT: 10.33 min Scan# 2661

Delta R.T. -0.07 min

Lab File: VN062773.D

Acq: 6 Aug 2020 17:55

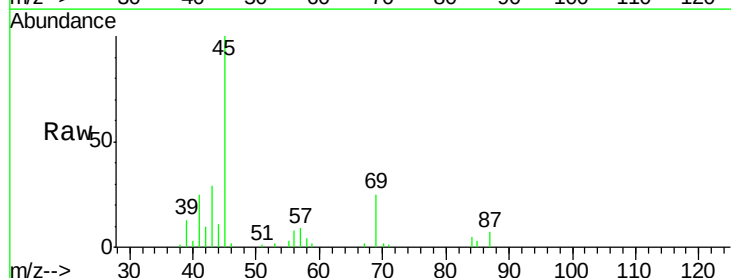
Tgt Ion: 69 Resp: 6813

Ion Ratio Lower Upper

69 100

41 109.7 52.2 78.2#

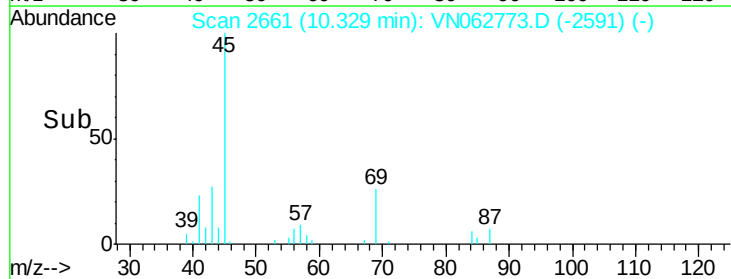
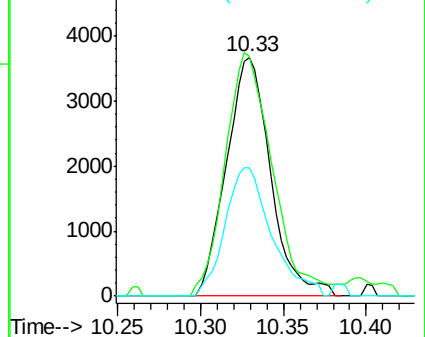
39 56.6 30.9 46.3#

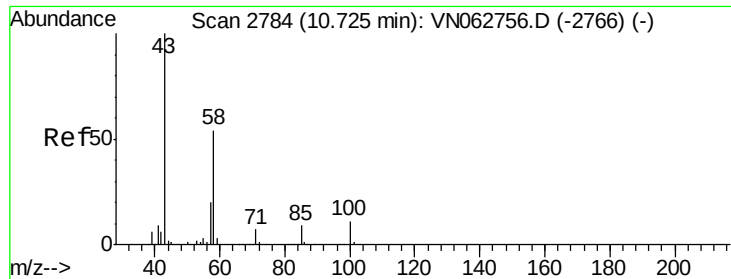


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#59

2-Hexanone

Concen: 1.667 ug/l

RT: 10.73 min Scan# 2785

Delta R.T. 0.00 min

Lab File: VN062773.D

Acq: 6 Aug 2020 17:55

Instrument :

MSVOA_N

ClientSampled :

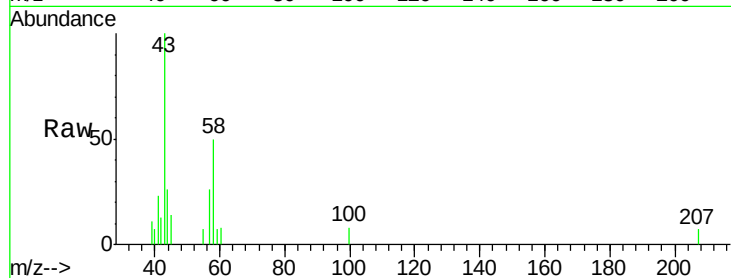
NWM-COMP

Tot Ion: 43 Resp: 3257

Ion Ratio Lower Upper

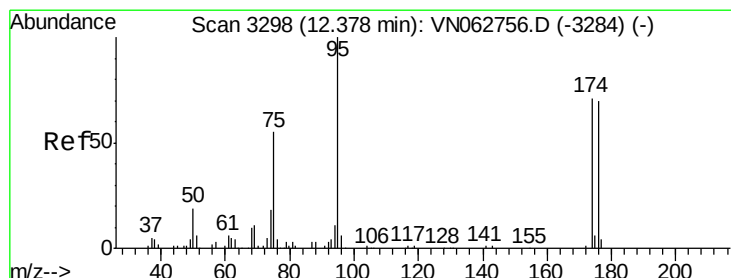
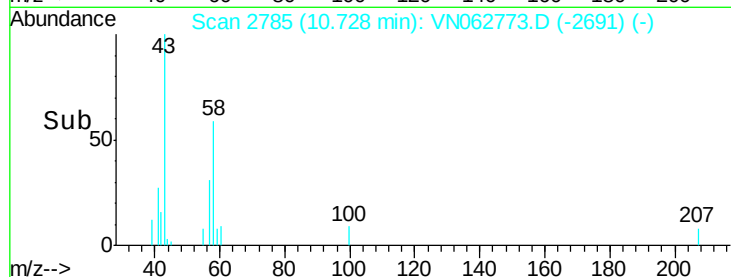
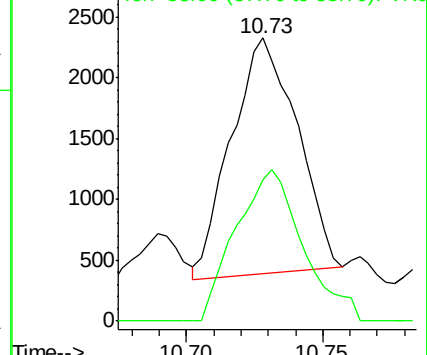
43 100

58 65.0 26.7 80.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 48.744 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062773.D

Acq: 6 Aug 2020 17:55

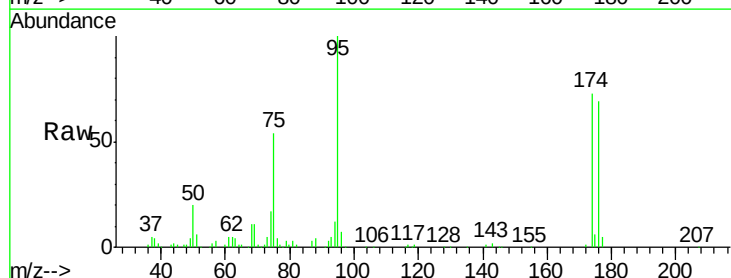
Tgt Ion: 95 Resp: 117384

Ion Ratio Lower Upper

95 100

174 73.0 0.0 144.8

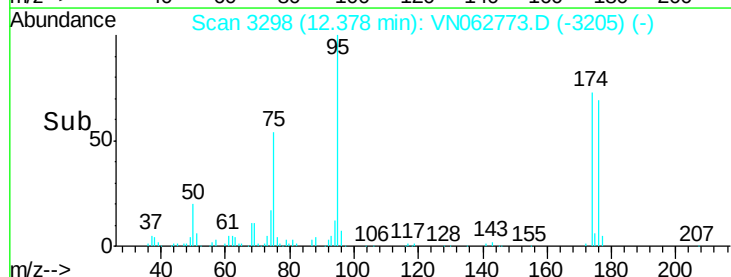
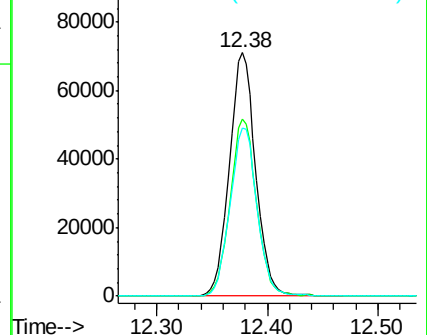
176 70.3 0.0 142.2

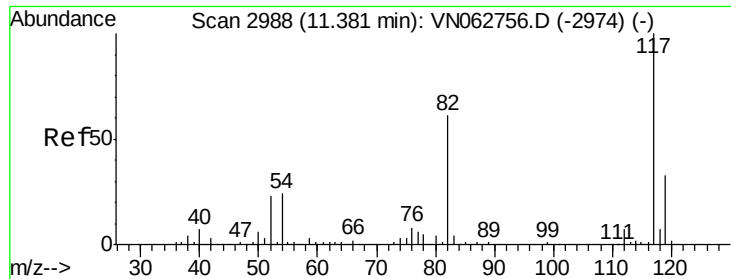


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

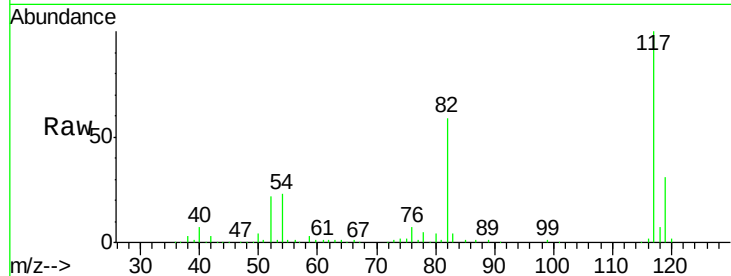




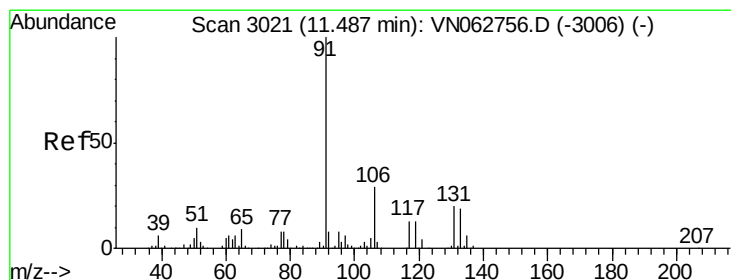
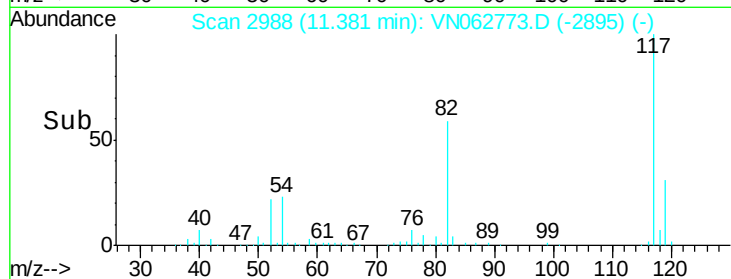
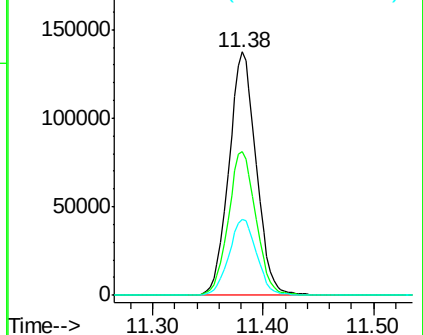
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062773.D
Acq: 6 Aug 2020 17:55

Instrument :
MSVOA_N
ClientSampled :
NWM-COMP

Tot Ion:117 Resp: 235696
Ion Ratio Lower Upper
117 100
82 59.2 49.0 73.4
119 31.3 26.2 39.2

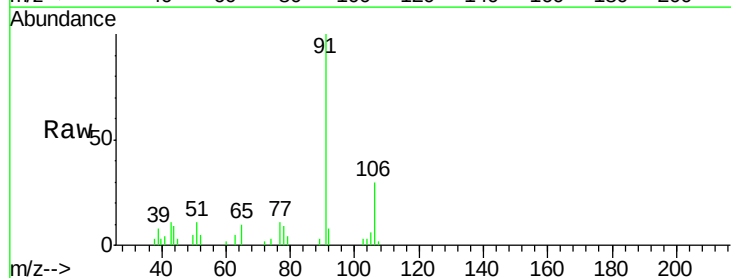


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

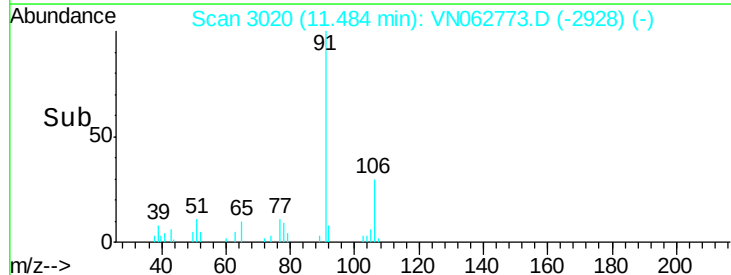
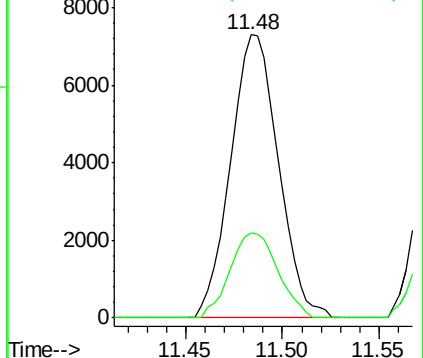


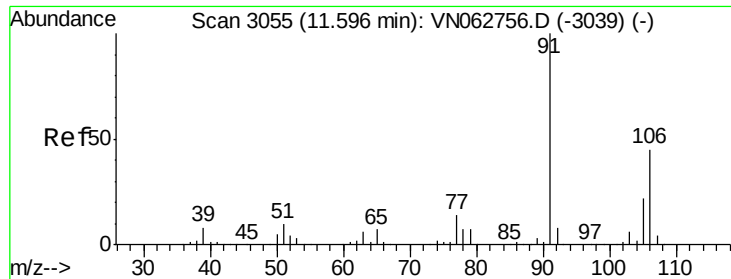
#67
Ethyl Benzene
Concen: 1.423 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062773.D
Acq: 6 Aug 2020 17:55

Tgt Ion: 91 Resp: 12545
Ion Ratio Lower Upper
91 100
106 30.2 23.2 34.8



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

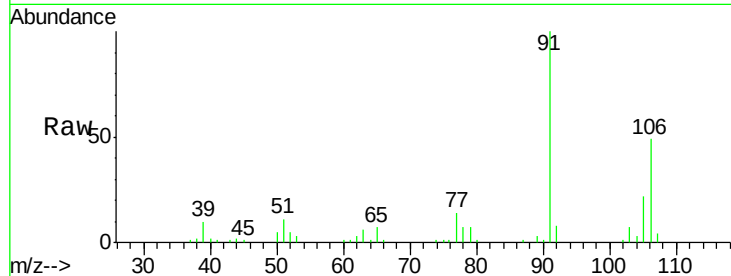




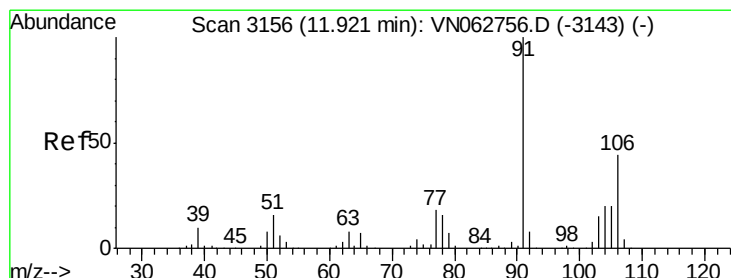
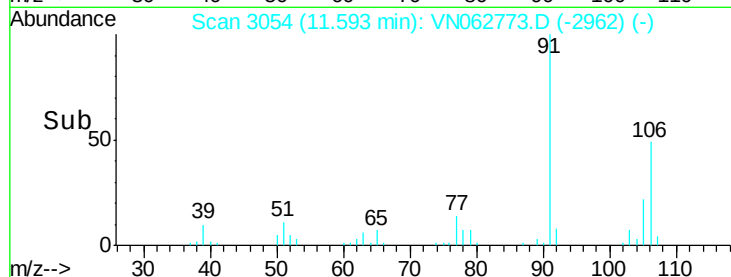
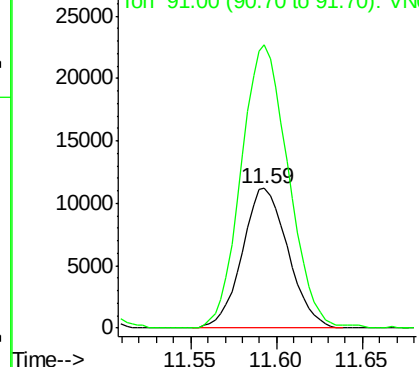
#68
m/p-Xylenes
Concen: 6.484 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062773.D
Acq: 6 Aug 2020 17:55

Instrument :
MSVOA_N
ClientSampled :
NWM-COMP

Tot Ion:106 Resp: 20752
Ion Ratio Lower Upper
106 100
91 209.0 175.9 263.9

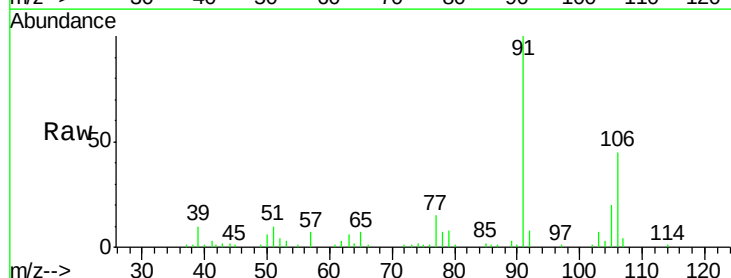


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

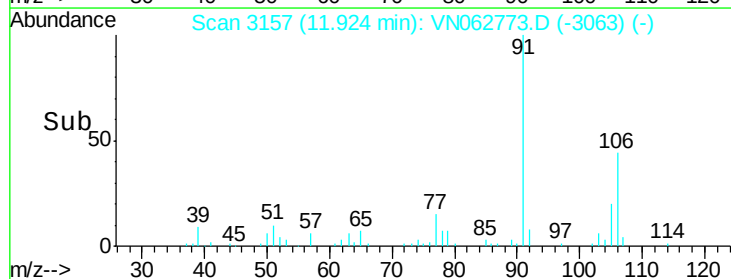
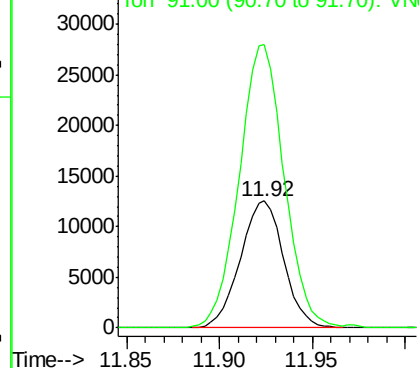


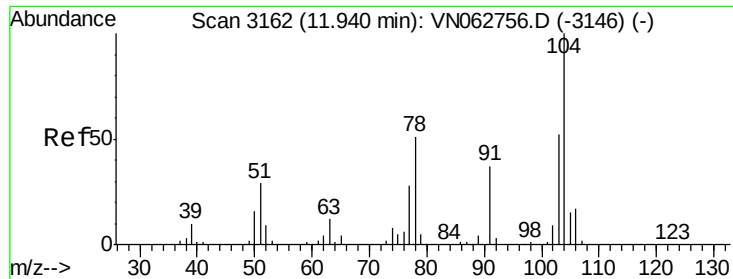
#69
o-Xylene
Concen: 6.794 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062773.D
Acq: 6 Aug 2020 17:55

Tgt Ion:106 Resp: 20376
Ion Ratio Lower Upper
106 100
91 232.1 115.8 347.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#70

Stvrene

Concen: 0.319 ug/l

RT: 11.93 min Scan# 3158

Delta R.T. -0.01 min

Lab File: VN062773.D

Acq: 6 Aug 2020 17:55

Instrument :

MSVOA_N

ClientSampled :

NWM-COMP

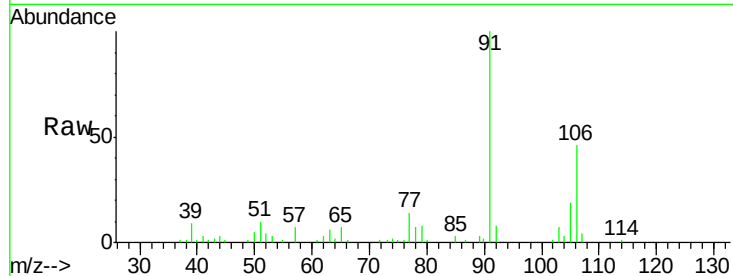
Tot Ion:104 Resp: 1681

Ion Ratio Lower Upper

104 100

78 203.9 45.9 68.9#

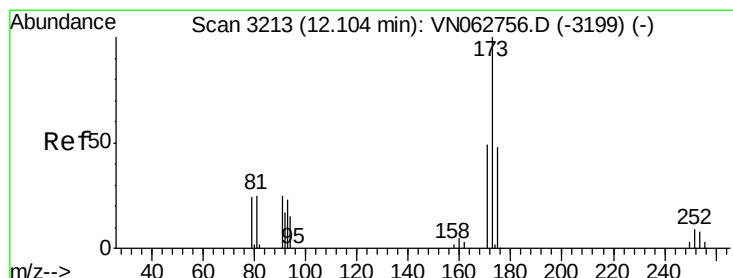
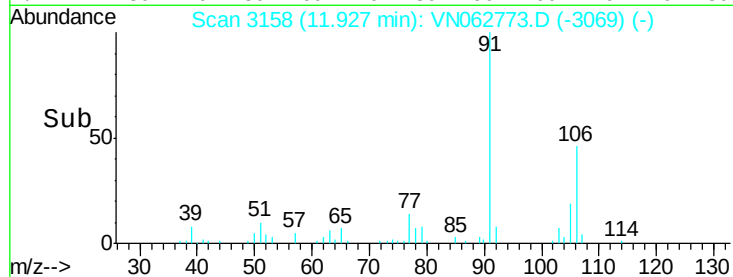
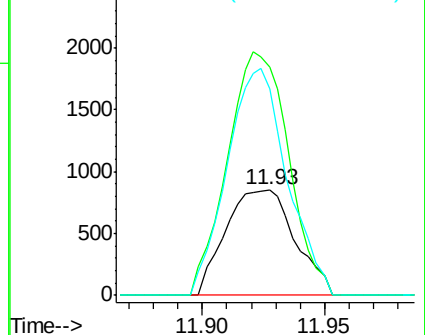
103 186.3 45.1 67.7#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.270 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.27 min

Lab File: VN062773.D

Acq: 6 Aug 2020 17:55

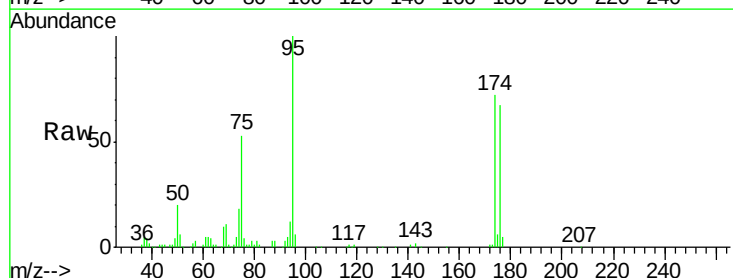
Tgt Ion:173 Resp: 437

Ion Ratio Lower Upper

173 100

175 1383.5 24.0 72.0#

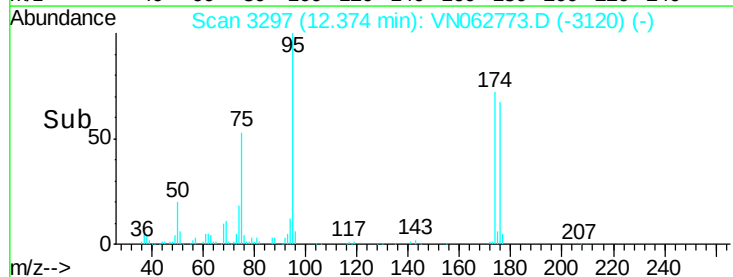
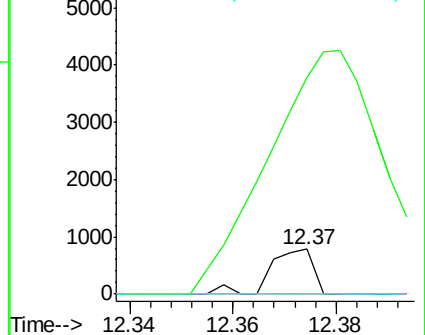
254 0.0 0.0 0.0

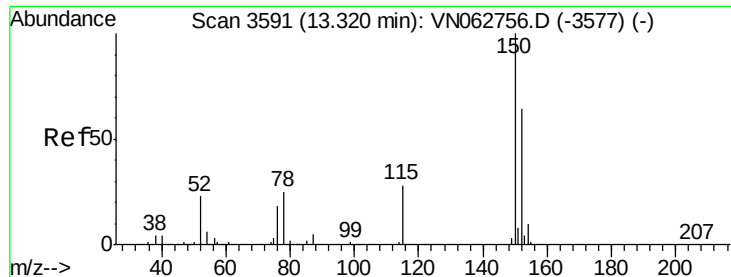


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062773.D

Acq: 6 Aug 2020 17:55

Instrument :

MSVOA_N

ClientSampled :

NWM-COMP

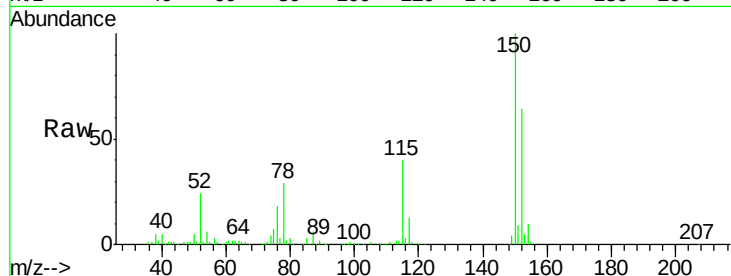
Tot Ion:152 Resp: 100973

Ion Ratio Lower Upper

152 100

115 65.1 31.6 94.8

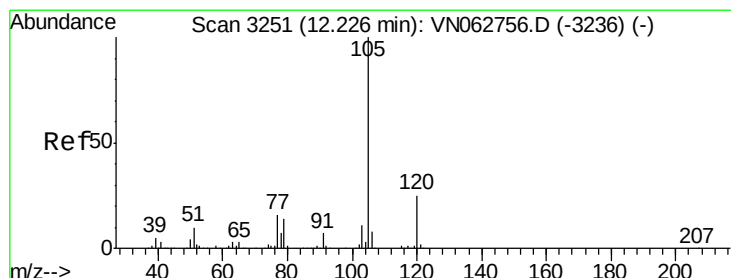
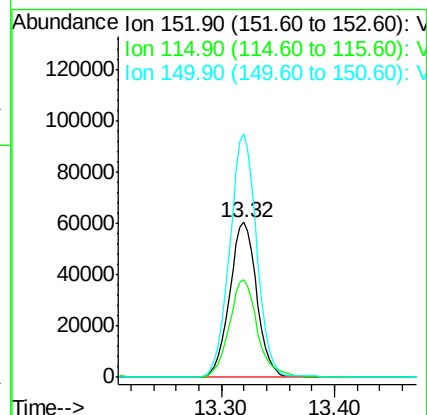
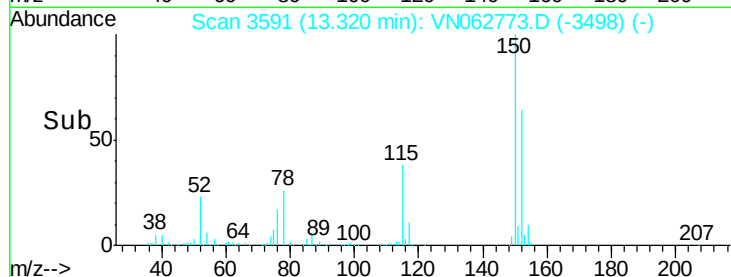
150 155.6 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.486 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN062773.D

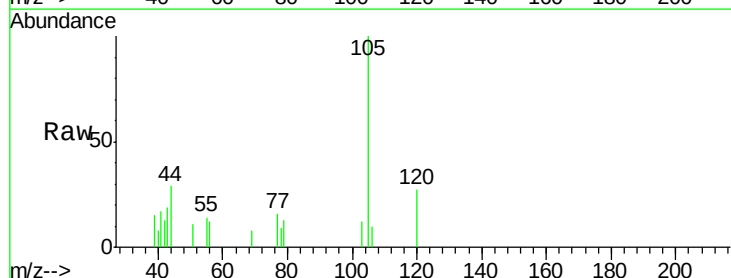
Acq: 6 Aug 2020 17:55

Tgt Ion:105 Resp: 3695

Ion Ratio Lower Upper

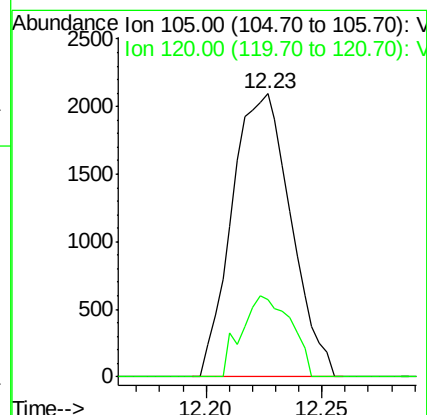
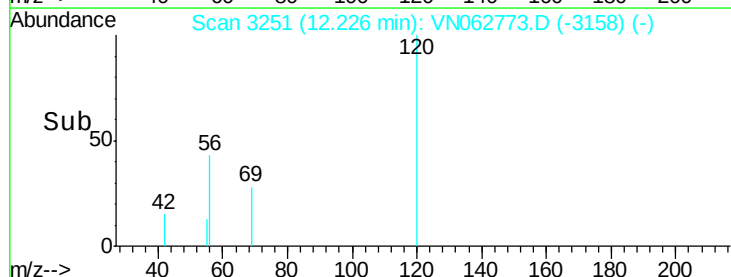
105 100

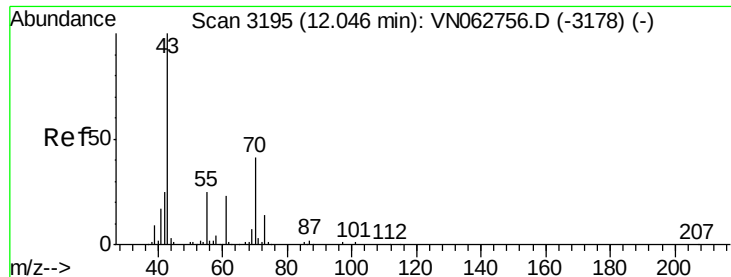
120 24.0 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.785 ug/l

RT: 12.00 min Scan# 3182

Delta R.T. -0.04 min

Lab File: VN062773.D

Acq: 6 Aug 2020 17:55

Instrument :

MSVOA_N

ClientSampleId :

NWM-COMP

Tot Ion: 43 Resp: 5501

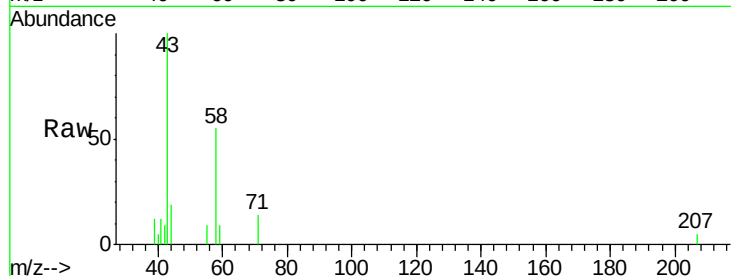
Ion Ratio Lower Upper

43 100

70 0.0 32.3 48.5#

55 0.0 20.2 30.2#

61 0.0 18.2 27.4#

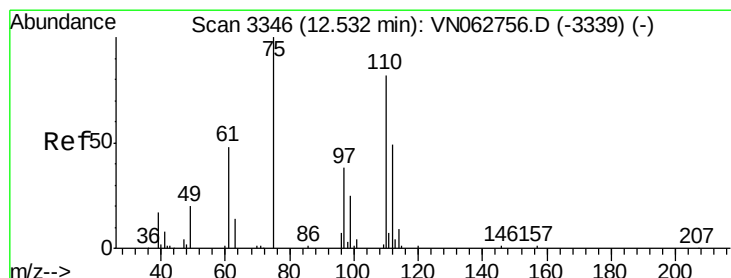
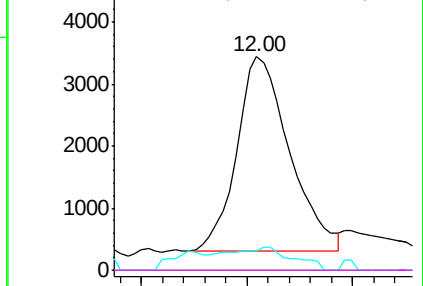
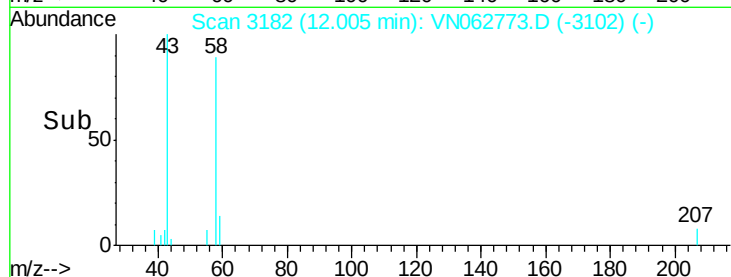


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 23.250 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062773.D

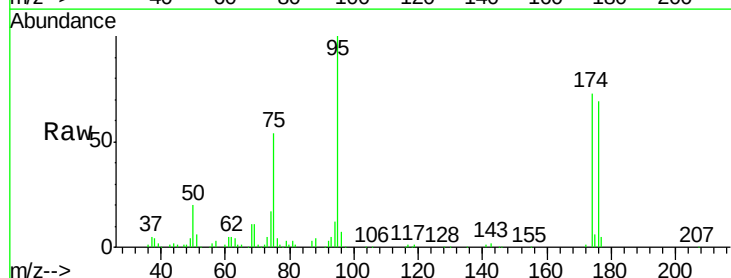
Acq: 6 Aug 2020 17:55

Tgt Ion: 75 Resp: 63314

Ion Ratio Lower Upper

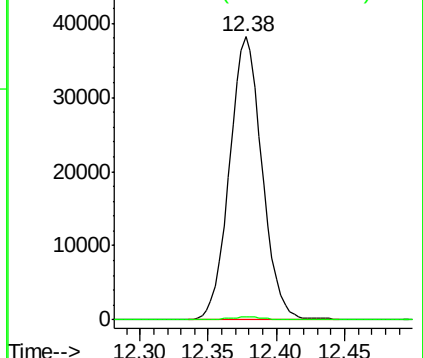
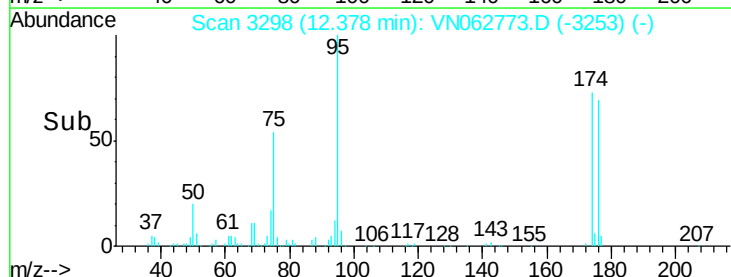
75 100

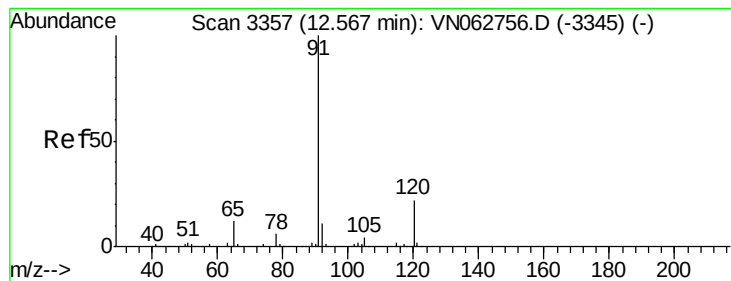
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 1.151 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062773.D

Acq: 6 Aug 2020 17:55

Instrument :

MSVOA_N

ClientSampled :

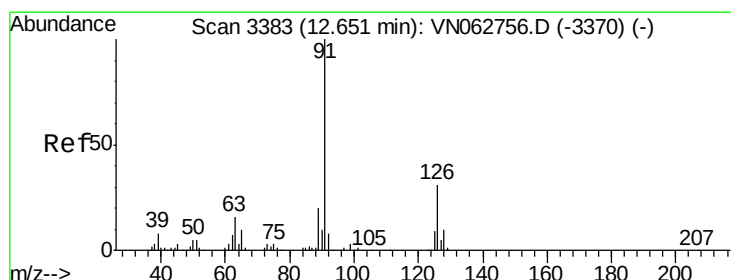
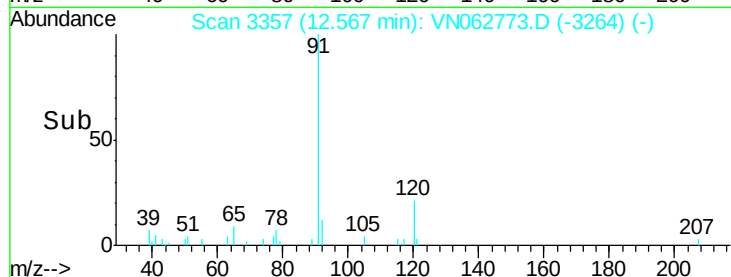
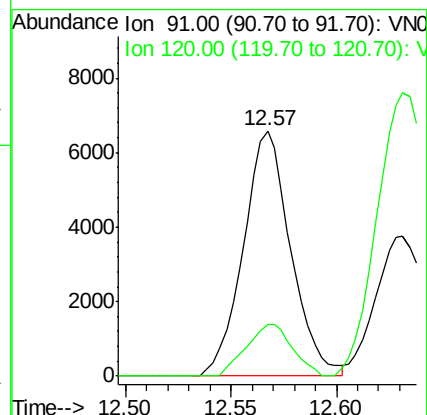
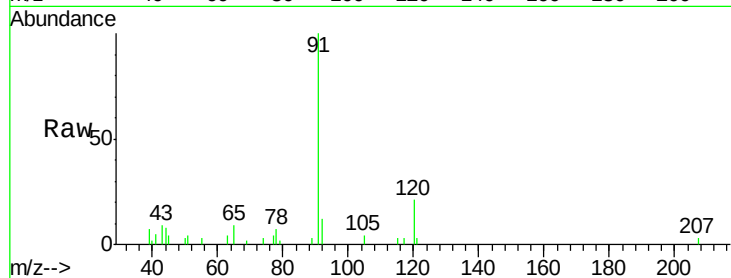
NWM-COMP

Tot Ion: 91 Resp: 10277

Ion Ratio Lower Upper

91 100

120 20.3 10.9 32.9



#79

2-Chlorotoluene

Concen: 1.050 ug/l

RT: 12.63 min Scan# 3377

Delta R.T. -0.02 min

Lab File: VN062773.D

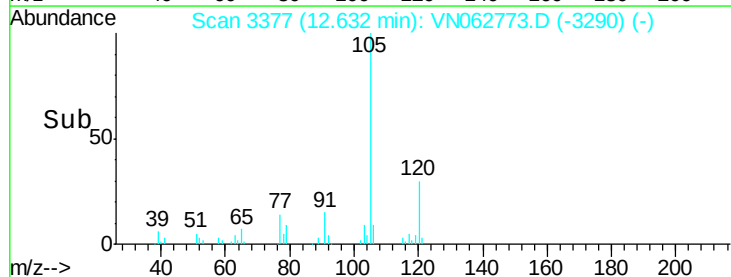
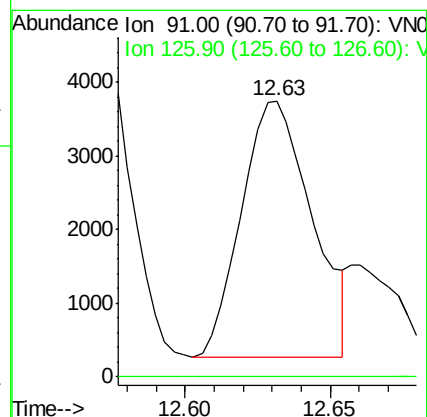
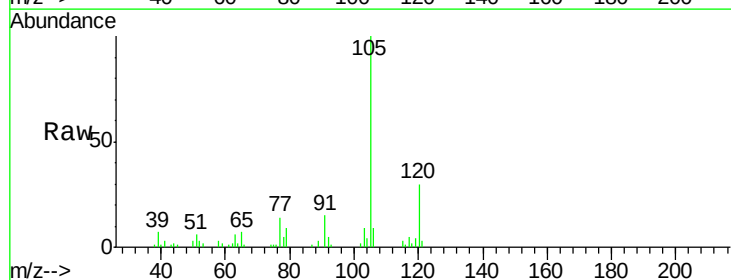
Acq: 6 Aug 2020 17:55

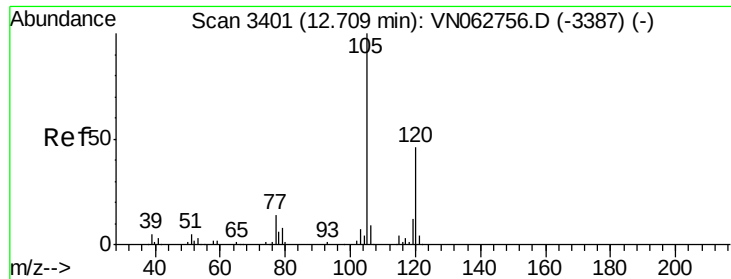
Tgt Ion: 91 Resp: 5874

Ion Ratio Lower Upper

91 100

126 0.0 15.6 46.7#

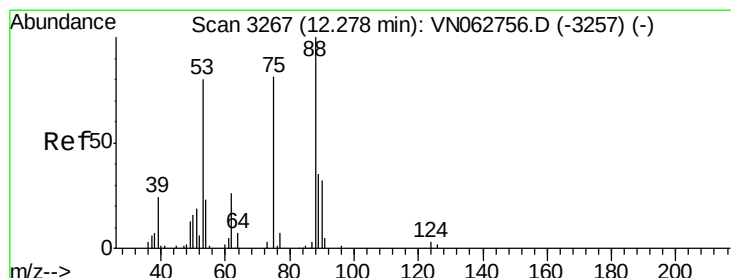
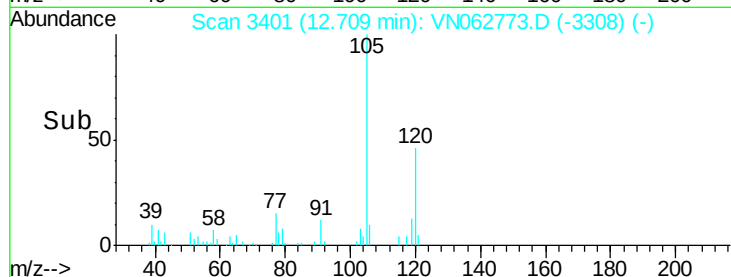
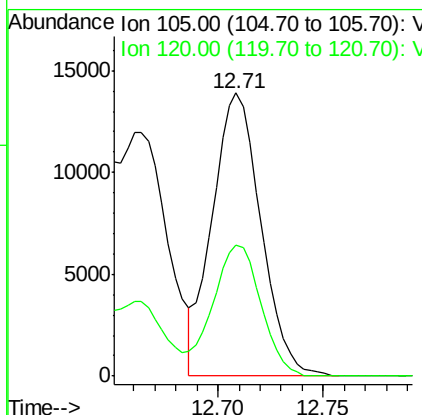
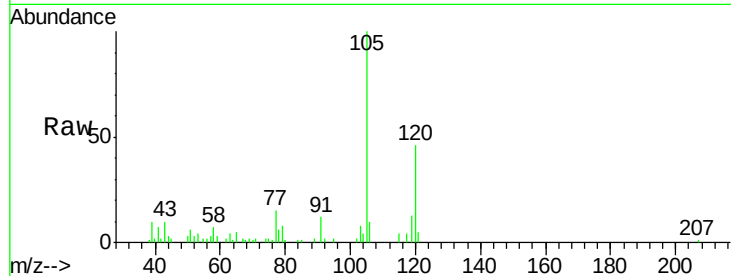




#80
 1,3,5-Trimethylbenzene
 Concen: 3.384 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062773.D
 Acq: 6 Aug 2020 17:55

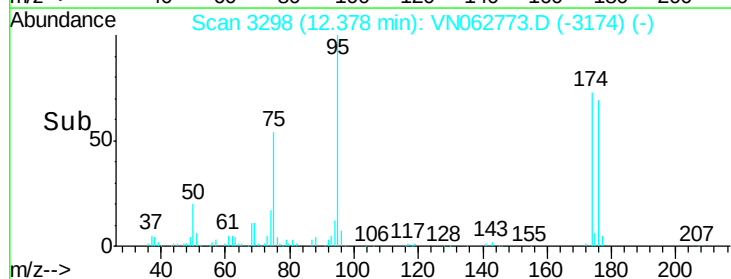
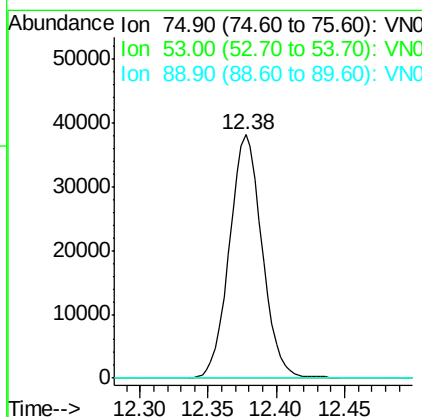
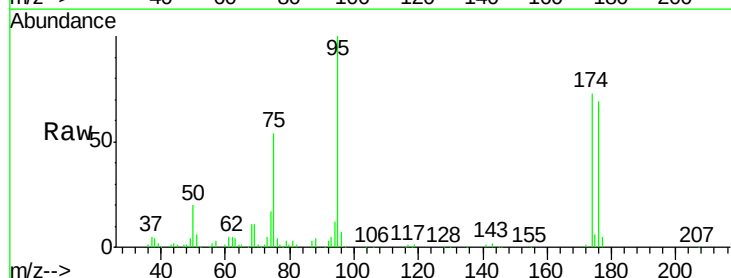
Instrument :
 MSVOA_N
 ClientSampled :
 NWM-COMP

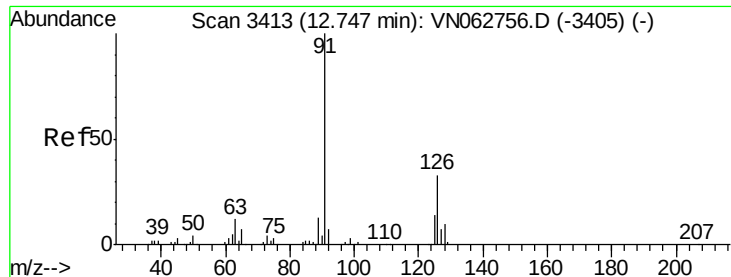
Tot Ion:105 Resp: 22319
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.977 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062773.D
 Acq: 6 Aug 2020 17:55

Tgt Ion: 75 Resp: 63314
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.1 118.7#
 89 0.0 36.2 54.2#





#82

4-Chlorotoluene

Concen: 0.387 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.04 min

Lab File: VN062773.D

Acq: 6 Aug 2020 17:55

Instrument :

MSVOA_N

ClientSampled :

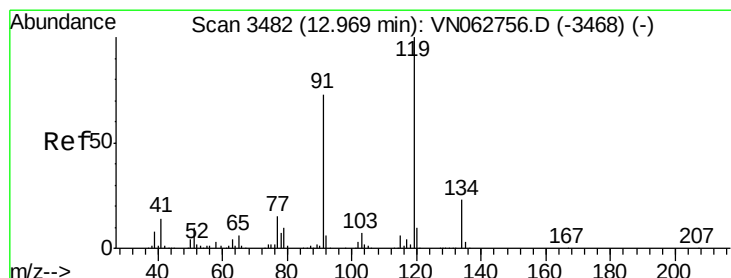
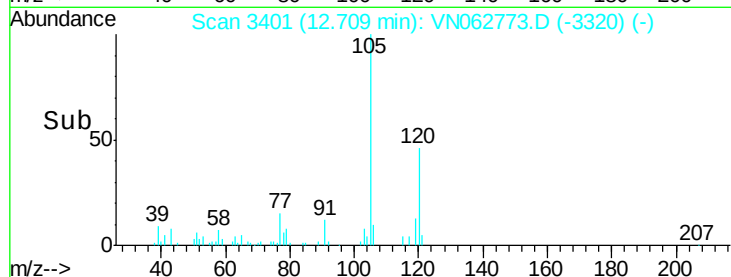
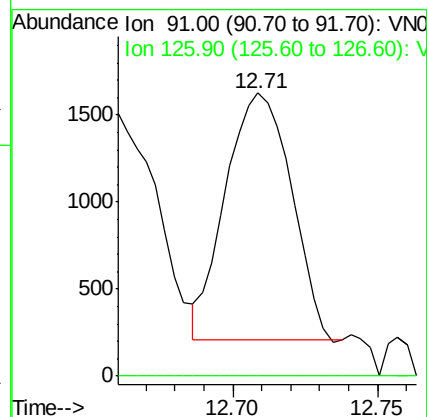
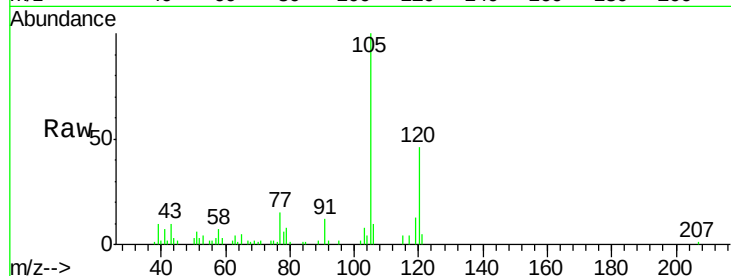
NWM-COMP

Tot Ion: 91 Resp: 2230

Ion Ratio Lower Upper

91 100

126 0.0 15.3 45.9#



#83

tert-Butylbenzene

Concen: 1.655 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. 0.05 min

Lab File: VN062773.D

Acq: 6 Aug 2020 17:55

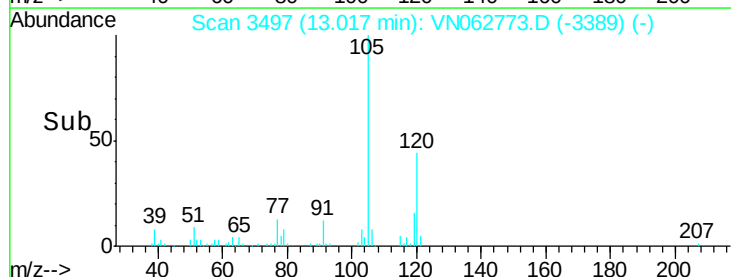
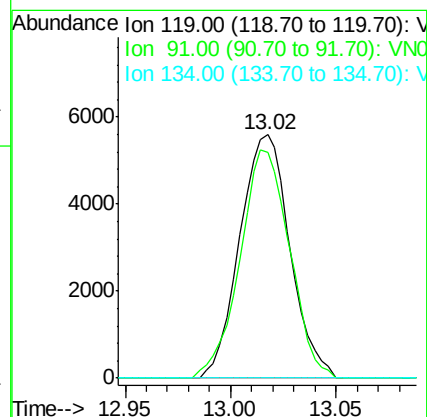
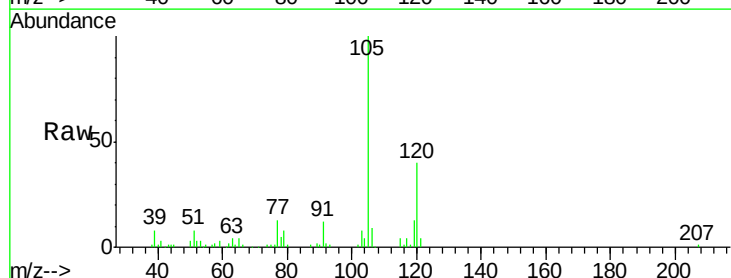
Tgt Ion: 119 Resp: 9237

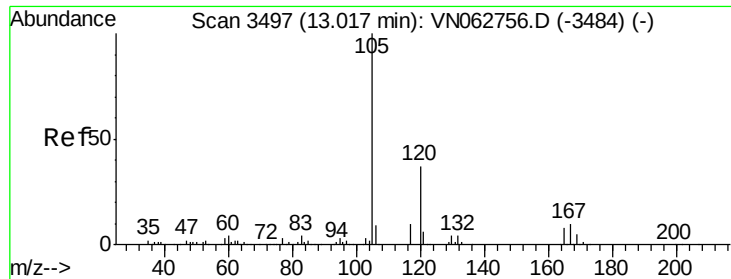
Ion Ratio Lower Upper

119 100

91 92.7 36.5 109.5

134 0.0 11.3 33.8#

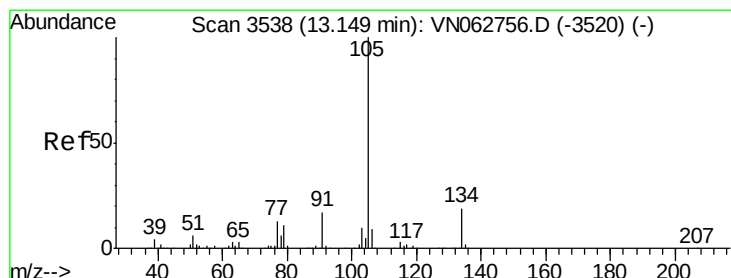
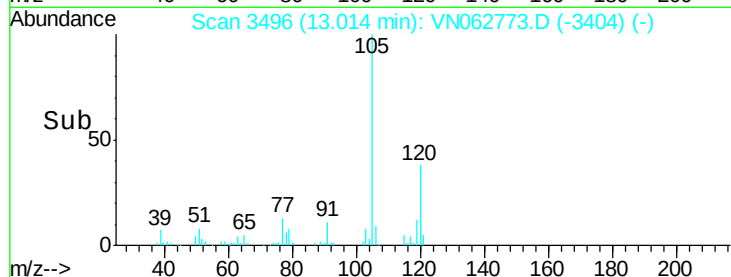
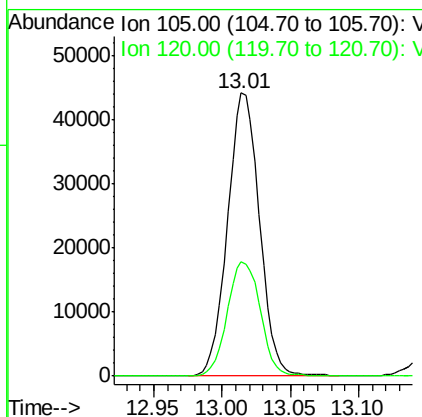
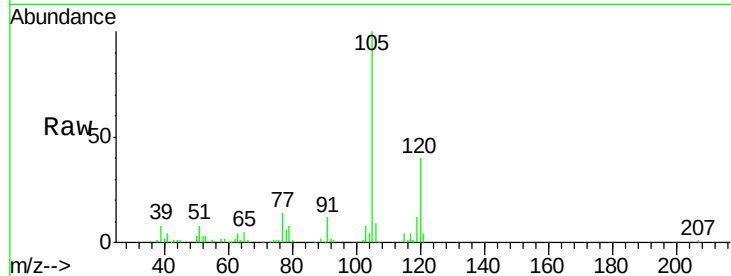




#84
 1,2,4-Trimethylbenzene
 Concen: 11.393 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062773.D
 Acq: 6 Aug 2020 17:55

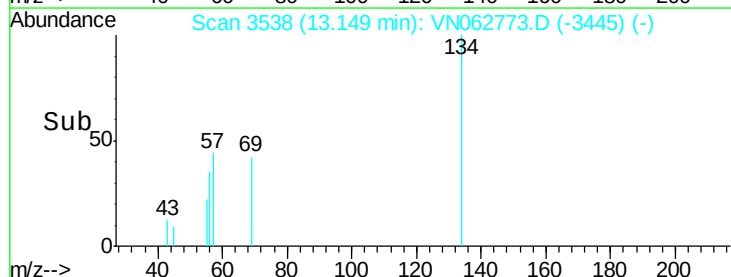
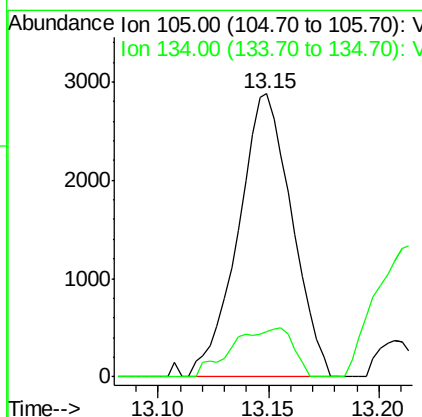
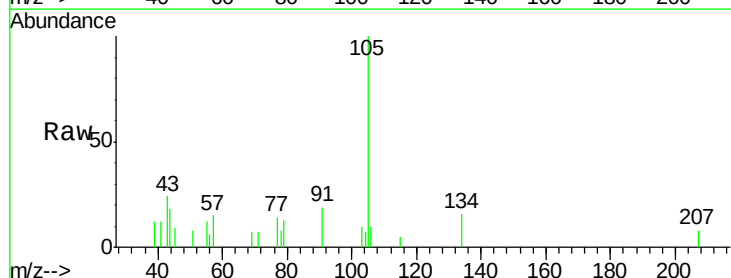
Instrument :
 MSVOA_N
 ClientSampled :
 NWM-COMP

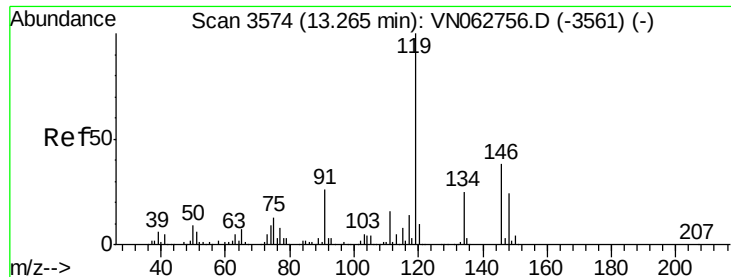
Tot Ion:105 Resp: 71895
 Ion Ratio Lower Upper
 105 100
 120 41.6 21.4 64.2



#85
 sec-Butylbenzene
 Concen: 0.665 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN062773.D
 Acq: 6 Aug 2020 17:55

Tgt Ion:105 Resp: 4874
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.6 28.6

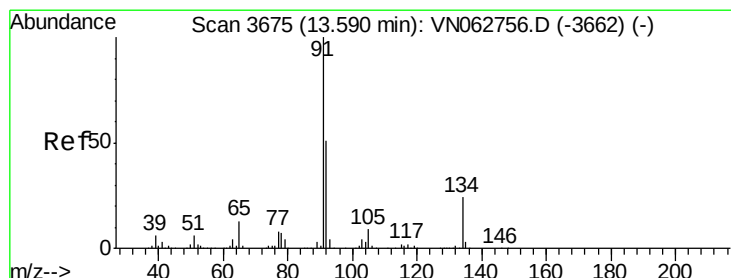
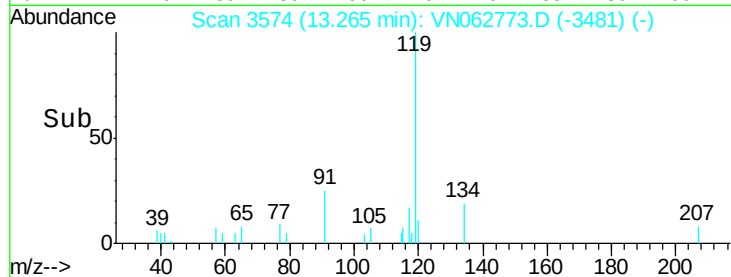
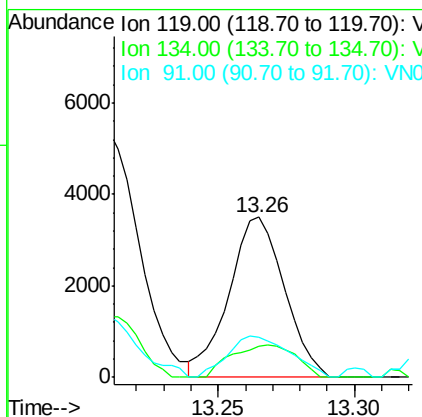
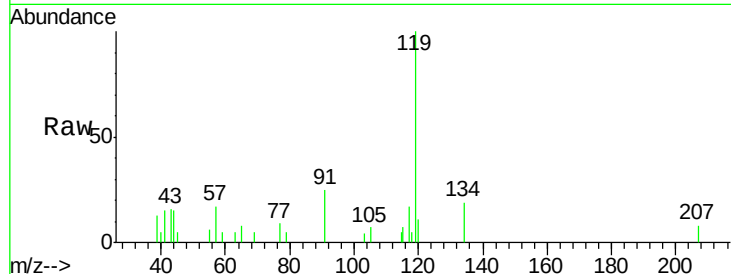




#86
p-Isopropyltoluene
Concen: 0.762 ug/l
RT: 13.26 min Scan# 3574
Delta R.T. 0.00 min
Lab File: VN062773.D
Acq: 6 Aug 2020 17:55

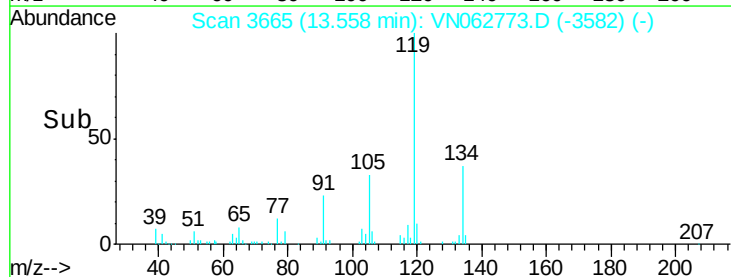
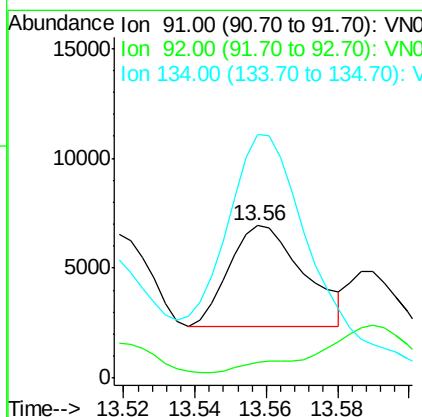
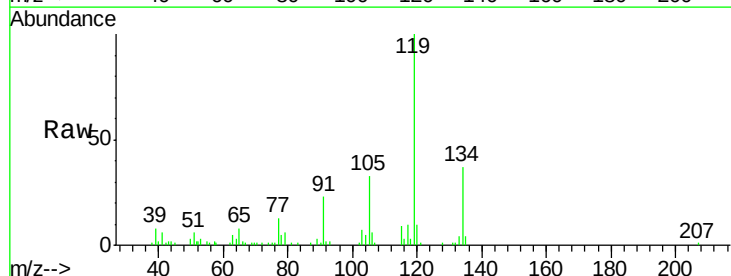
Instrument :
MSVOA_N
ClientSampled :
NWM-COMP

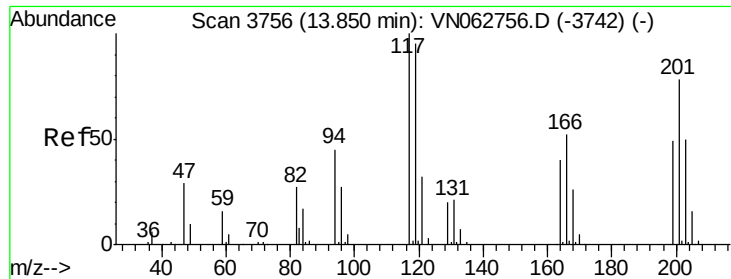
Tot Ion: 119 Resp: 4959
Ion Ratio Lower Upper
119 100
134 23.6 12.6 37.8
91 28.9 13.4 40.2



#89
n-Butylbenzene
Concen: 1.219 ug/l
RT: 13.56 min Scan# 3665
Delta R.T. -0.03 min
Lab File: VN062773.D
Acq: 6 Aug 2020 17:55

Tgt Ion: 91 Resp: 6709
Ion Ratio Lower Upper
91 100
92 0.0 25.7 77.0#
134 304.7 12.2 36.6#

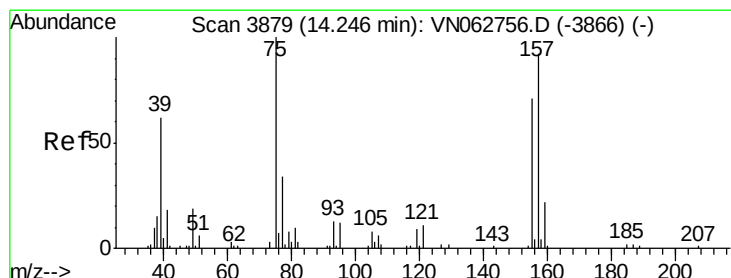
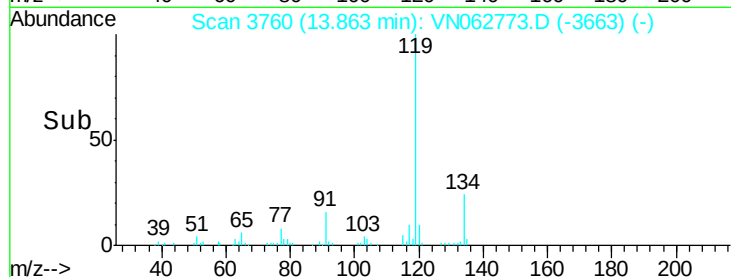
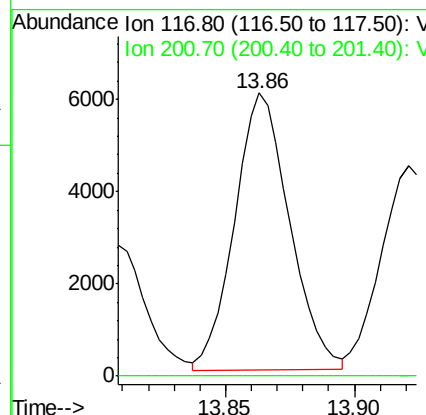
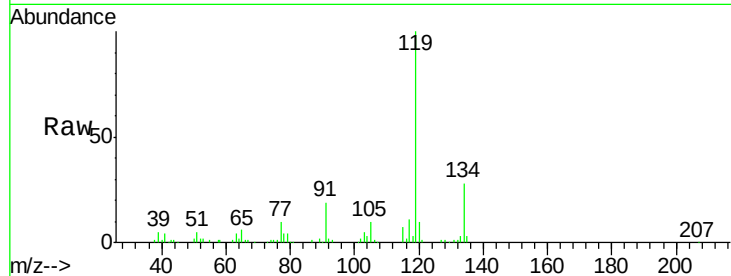




#90
Hexachloroethane
Concen: 6.371 ug/l
RT: 13.86 min Scan# 3760
Delta R.T. 0.01 min
Lab File: VN062773.D
Acq: 6 Aug 2020 17:55

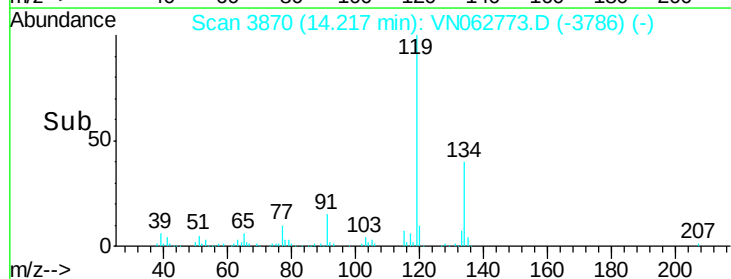
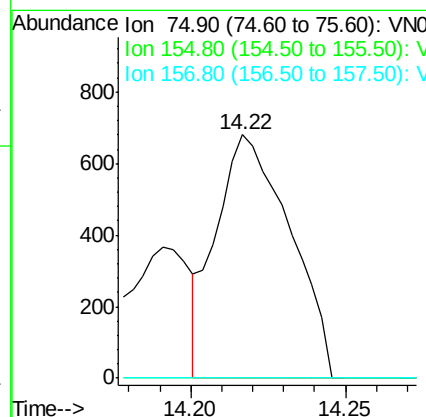
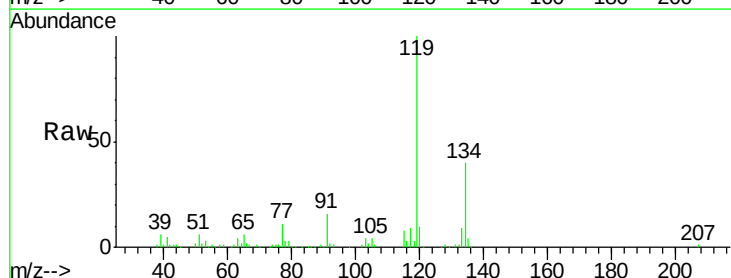
Instrument :
MSVOA_N
ClientSampled :
NWM-COMP

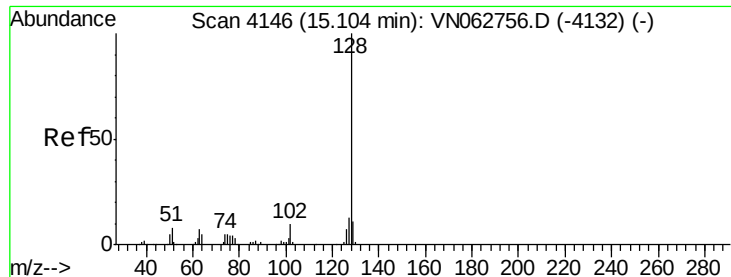
Tot Ion:117 Resp: 8934
Ion Ratio Lower Upper
117 100
201 0.0 39.2 117.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.967 ug/l
RT: 14.22 min Scan# 3870
Delta R.T. -0.03 min
Lab File: VN062773.D
Acq: 6 Aug 2020 17:55

Tgt Ion: 75 Resp: 1130
Ion Ratio Lower Upper
75 100
155 0.0 35.0 105.1#
157 0.0 43.2 129.6#

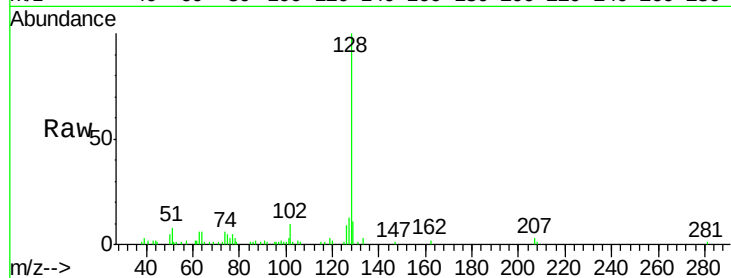




#95
Naphthalene
Concen: 13.282 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062773.D
Acq: 6 Aug 2020 17:55

Instrument :
MSVOA_N
ClientSampleId :
NWM-COMP

Tot Ion:128 Resp: 47999
Ion Ratio Lower Upper
128 100
127 13.7 10.8 16.2
129 11.6 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

