

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064661.D
 Acq On : 16 Nov 2020 15:00
 Operator : JC/MD
 Sample : L4774-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Nov 17 03:45:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	226308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	453188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	489310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	217911	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	220131	55.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.68%	
35) Dibromofluoromethane	7.55	113	163817	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
50) Toluene-d8	10.06	98	600450	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.38	95	247662	54.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.82%	

Target Compounds						Qvalue
11) Tert butyl alcohol	4.75	59	182	0.419	ug/l #	71
16) Acetone	3.78	43	4928	3.282	ug/l #	86
18) Methyl Acetate	4.29	43	1816	0.615	ug/l #	74
29) Tetrahydrofuran	7.17	42	1249	1.064	ug/l #	55
31) Cyclohexane	7.62	56	12553	2.620	ug/l #	66
36) 1,1-Dichloropropene	7.63	75	22283	4.654	ug/l #	49
37) Ethyl Acetate	6.88	43	683	0.901	ug/l #	71
38) Carbon Tetrachloride	7.62	117	26484	5.176	ug/l #	17
39) Methylcyclohexane	9.04	83	2444	0.569	ug/l #	62
40) Benzene	8.00	78	23133	1.644	ug/l #	87
51) 4-Methyl-2-Pentanone	9.96	43	1219	0.269	ug/l #	84
52) Toluene	10.12	92	35356	4.120	ug/l	97
55) 1,1,2-Trichloroethane	10.50	97	2911	0.870	ug/l #	14
56) Ethyl methacrylate	10.40	69	548	1.937	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.64	63	31	21.549	ug/l #	51
59) 2-Hexanone	10.75	43	212	4.085	ug/l	72
67) Ethyl Benzene	11.48	91	327414	17.160	ug/l	100
68) m/p-Xylenes	11.60	106	159203	23.008	ug/l	99
69) o-Xylene	11.92	106	35675	5.335	ug/l	92
70) Styrene	11.93	104	5395	0.479	ug/l #	1
71) Bromoform	12.37	173	1783	1.853	ug/l #	1
73) Isopropylbenzene	12.22	105	11937	0.689	ug/l	97
74) N-ethyl acetate	12.06	43	119	1.228	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	140294	26.572	ug/l #	100
78) n-propylbenzene	12.57	91	9675	0.490	ug/l #	54
79) 2-Chlorotoluene	12.63	91	19443	1.552	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.71	105	539691	37.770	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	140294	74.192	ug/l #	8
82) 4-Chlorotoluene	12.71	91	63714	4.858	ug/l #	44
83) tert-Butylbenzene	13.02	119	33981	3.045	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.02	105	283876	19.763	ug/l	99
85) sec-Butylbenzene	13.02	105	283876	20.085	ug/l #	58
86) p-Isopropyltoluene	13.26	119	20387	1.604	ug/l	97
89) n-Butylbenzene	13.56	91	75400	6.898	ug/l #	1

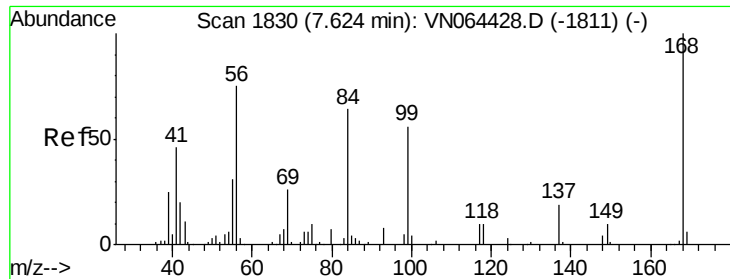
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.86	117	27922	11.386	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	14.22	75	2032	1.918	ug/l #	10
95) Naphthalene	15.11	128	548	3.665	ug/l #	72

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064661.D

Acq: 16 Nov 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

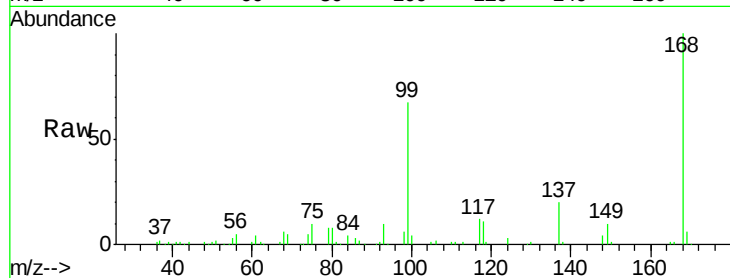
MW-1

Tot Ion:168 Resp: 226308

Ion Ratio Lower Upper

168 100

99 66.8 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

60000

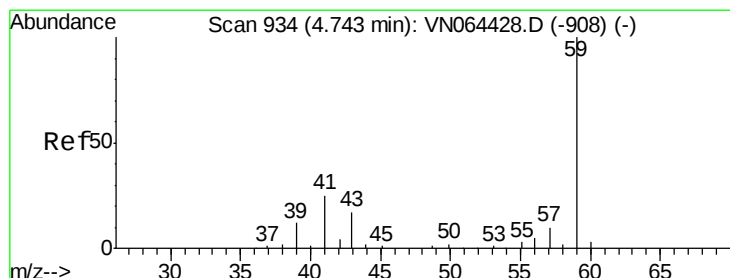
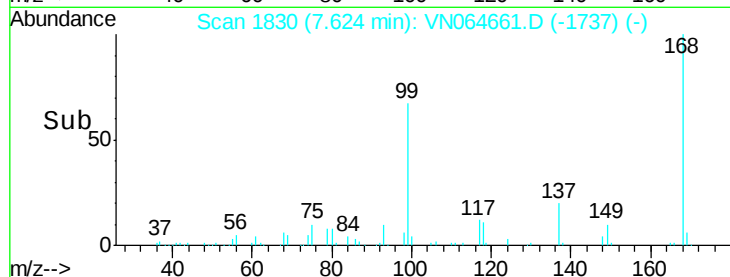
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#11

Tert butyl alcohol

Concen: 0.419 ug/l

RT: 4.75 min Scan# 935

Delta R.T. 0.00 min

Lab File: VN064661.D

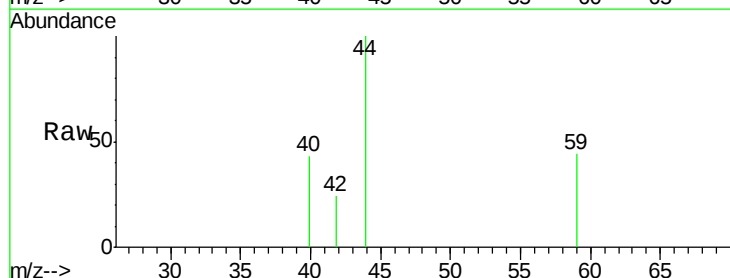
Acq: 16 Nov 2020 15:00

Tgt Ion: 59 Resp: 182

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.75

300

250

200

150

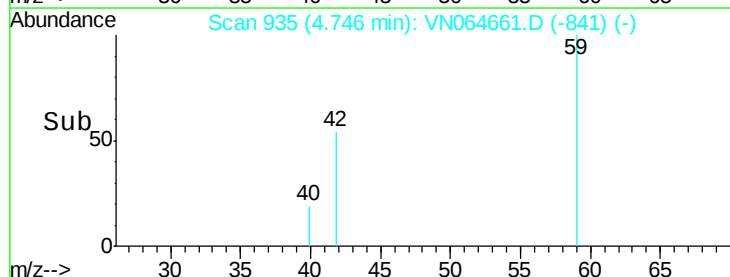
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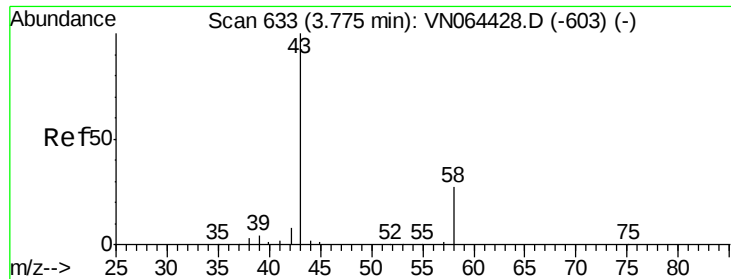
50

0

Time-->

4.73 4.74 4.75 4.76





#16

Acetone

Concen: 3.282 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064661.D

Acq: 16 Nov 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

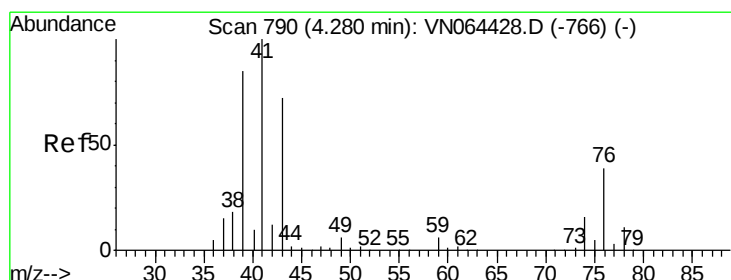
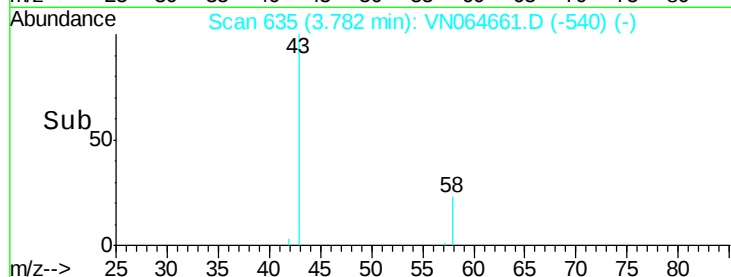
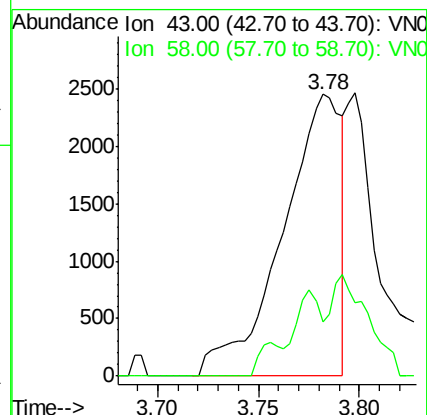
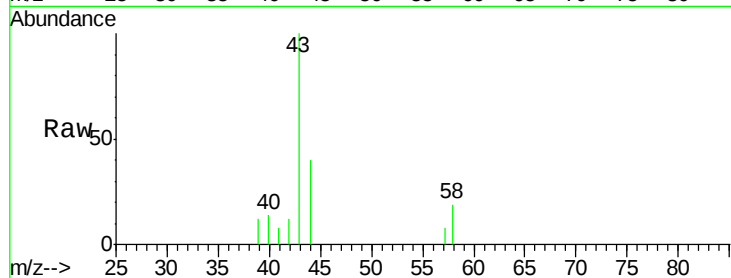
MW-1

Tot Ion: 43 Resp: 4928

Ion Ratio Lower Upper

43 100

58 19.3 21.4 32.0#



#18

Methyl Acetate

Concen: 0.615 ug/l

RT: 4.29 min Scan# 793

Delta R.T. 0.01 min

Lab File: VN064661.D

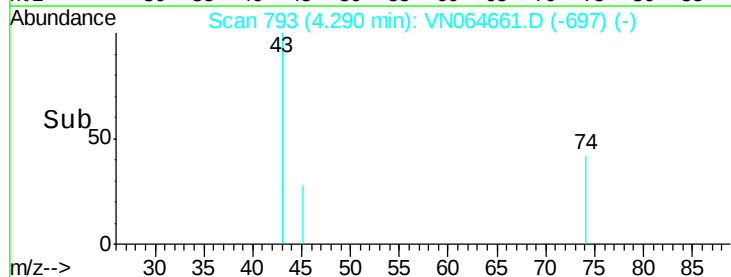
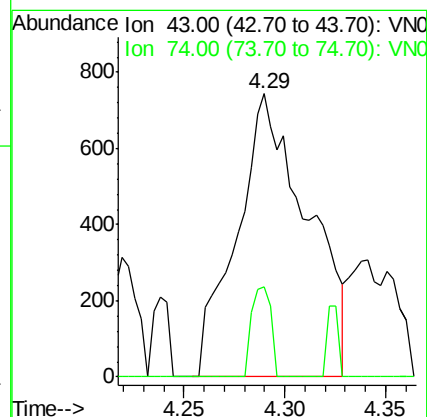
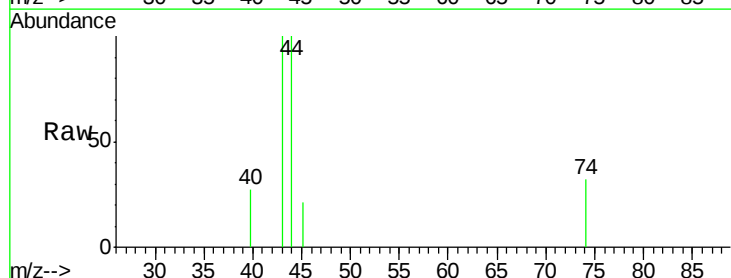
Acq: 16 Nov 2020 15:00

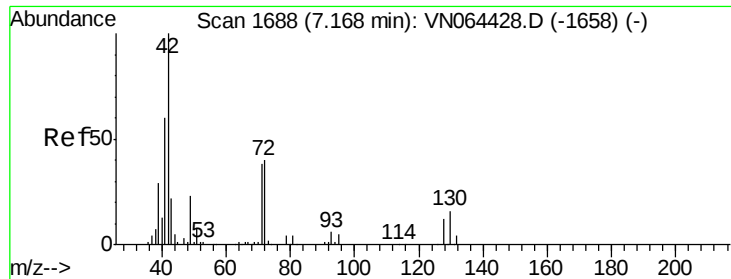
Tgt Ion: 43 Resp: 1816

Ion Ratio Lower Upper

43 100

74 8.8 17.0 25.4#

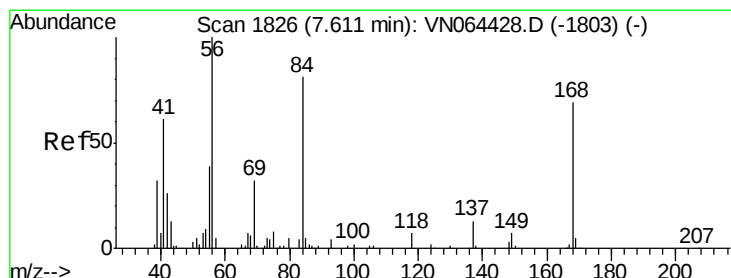
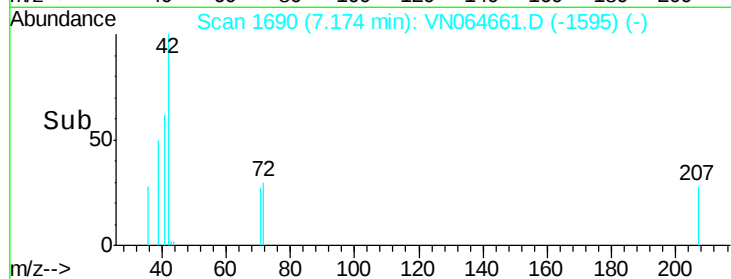
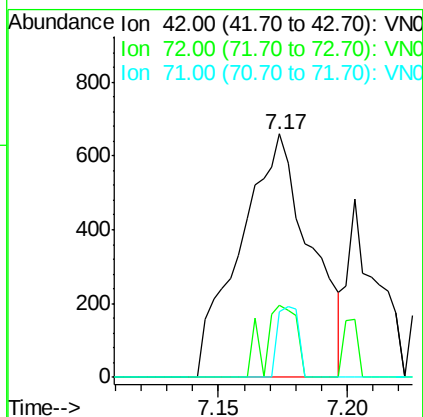
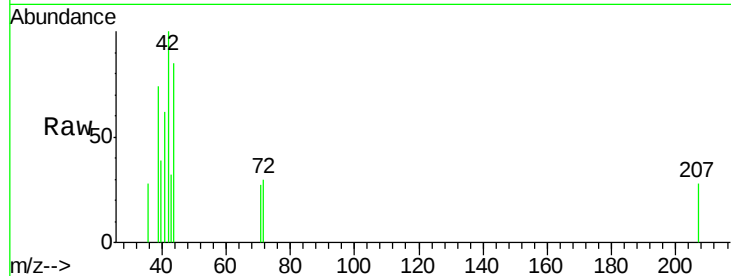




#29
Tetrahydrofuran
Concen: 1.064 ug/l
RT: 7.17 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VN064661.D
Acq: 16 Nov 2020 15:00

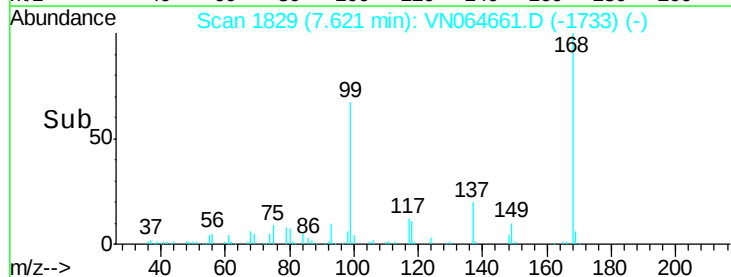
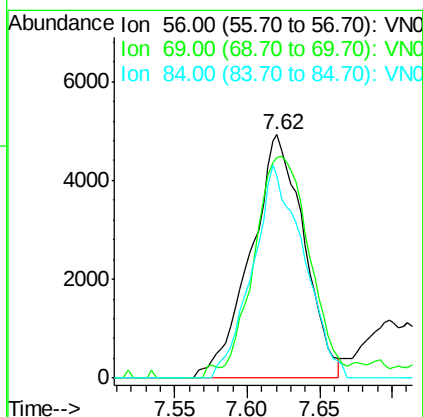
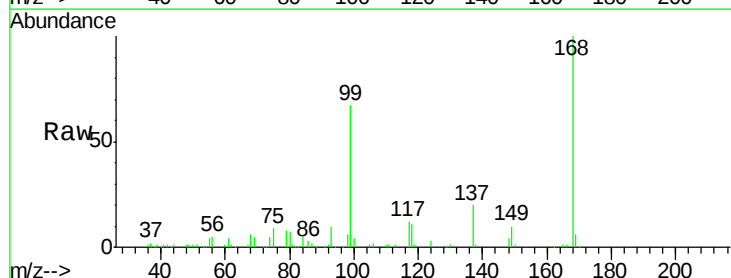
Instrument :
MSVOA_N
ClientSampled :
MW-1

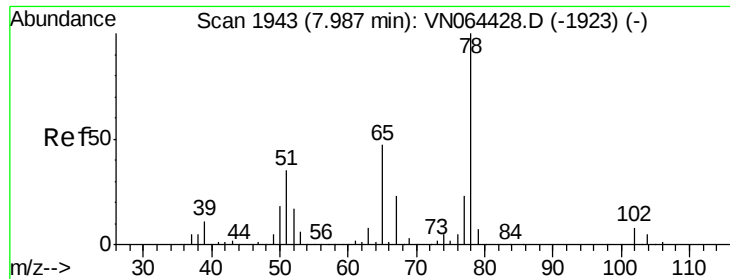
Tot Ion: 42 Resp: 1249
Ion Ratio Lower Upper
42 100
72 13.5 31.7 47.5#
71 8.6 29.8 44.6#



#31
Cyclohexane
Concen: 2.620 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN064661.D
Acq: 16 Nov 2020 15:00

Tgt Ion: 56 Resp: 12553
Ion Ratio Lower Upper
56 100
69 90.5 25.6 38.4#
84 83.1 63.0 94.6

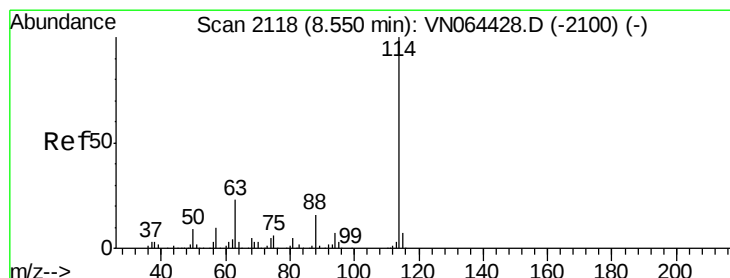
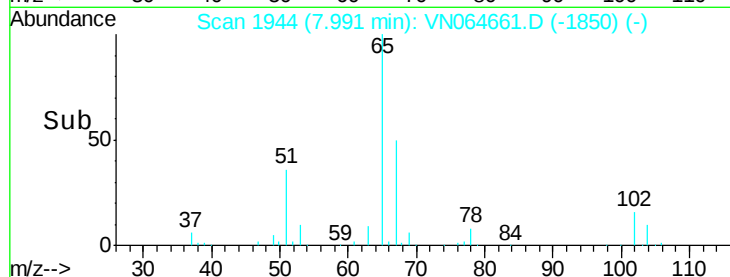
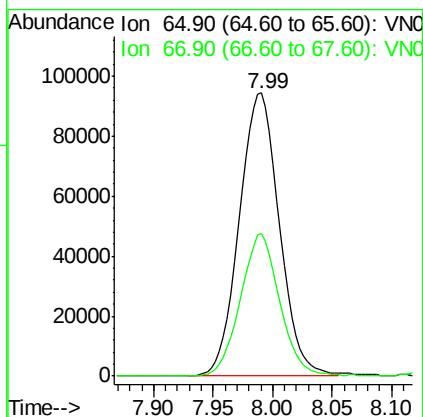
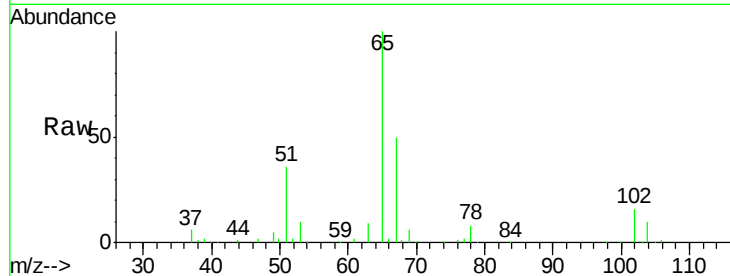




#33
 1,2-Dichloroethane-d4
 Concen: 55.843 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064661.D
 Acq: 16 Nov 2020 15:00

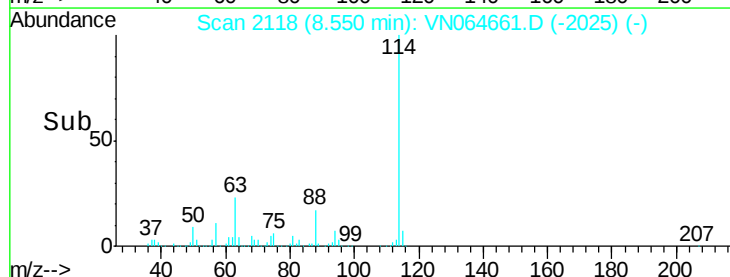
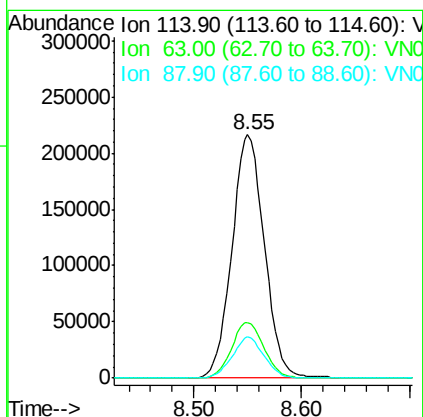
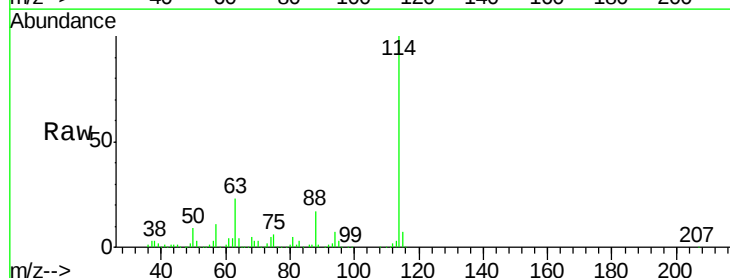
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

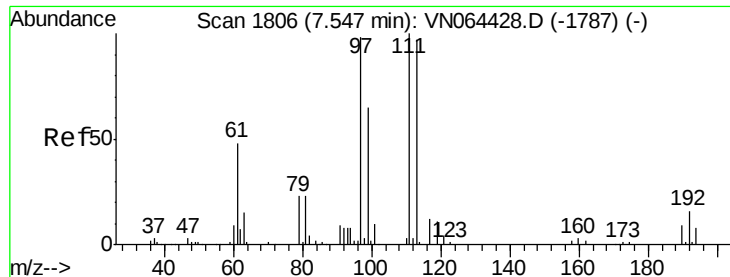
Tot Ion: 65 Resp: 220131
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064661.D
 Acq: 16 Nov 2020 15:00

Tgt Ion: 114 Resp: 453188
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.6
 88 17.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 53.091 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064661.D

Acq: 16 Nov 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

MW-1

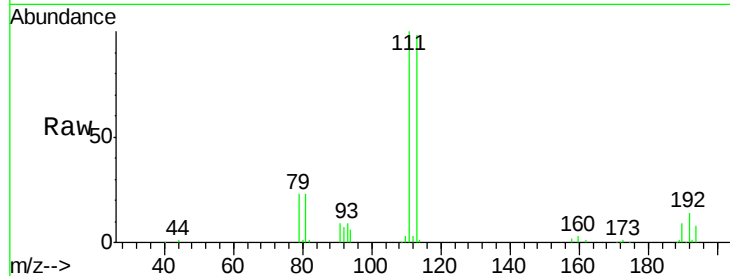
Tot Ion:113 Resp: 163817

Ion Ratio Lower Upper

113 100

111 102.5 81.1 121.7

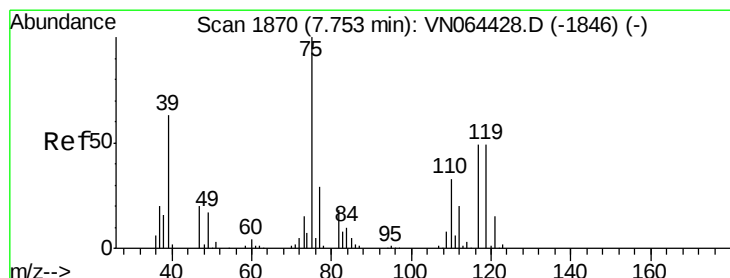
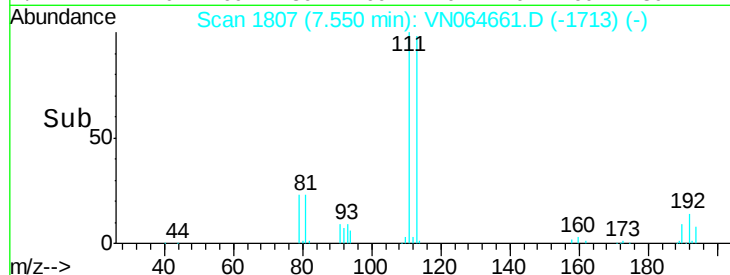
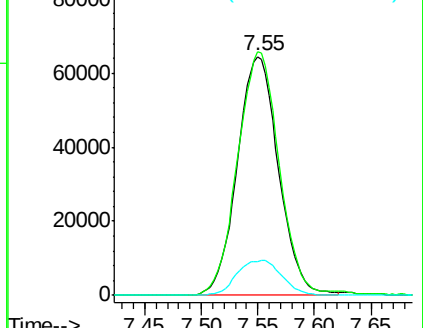
192 15.9 12.8 19.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.654 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN064661.D

Acq: 16 Nov 2020 15:00

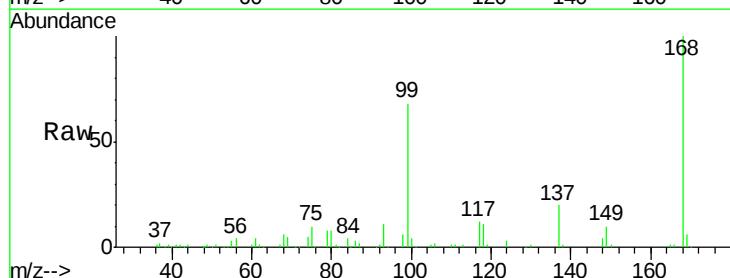
Tgt Ion: 75 Resp: 22283

Ion Ratio Lower Upper

75 100

110 5.5 16.0 48.0#

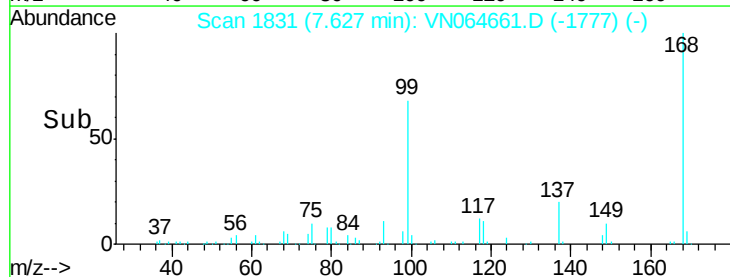
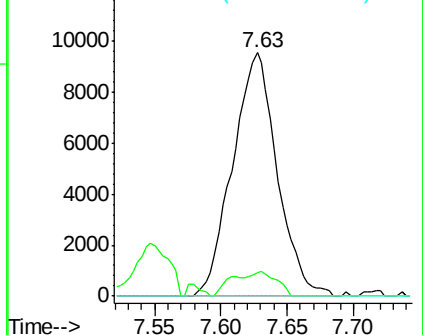
77 0.0 24.0 36.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

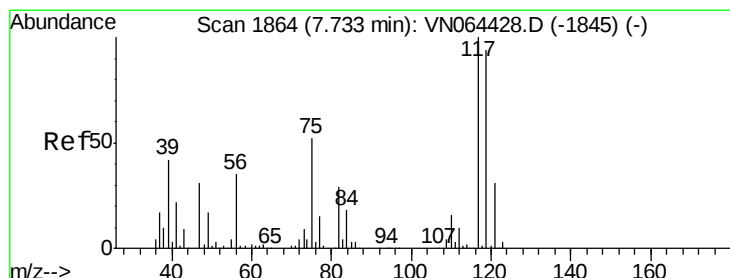
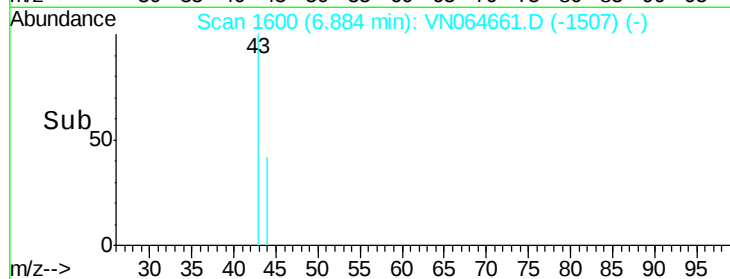
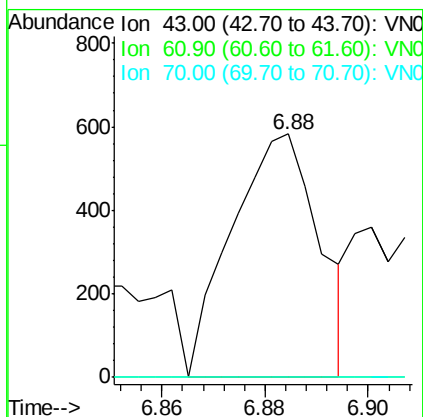
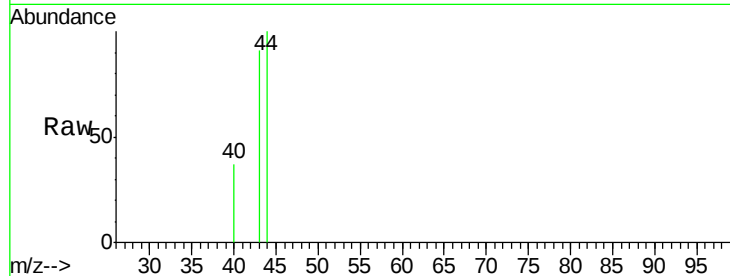




#37
Ethyl Acetate
Concen: 0.901 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064661.D
Acq: 16 Nov 2020 15:00

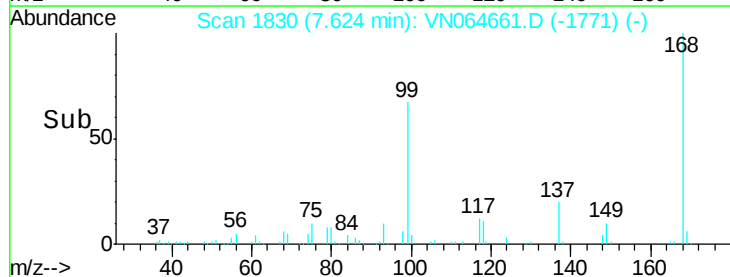
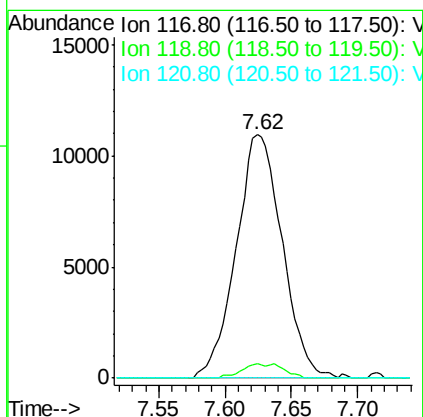
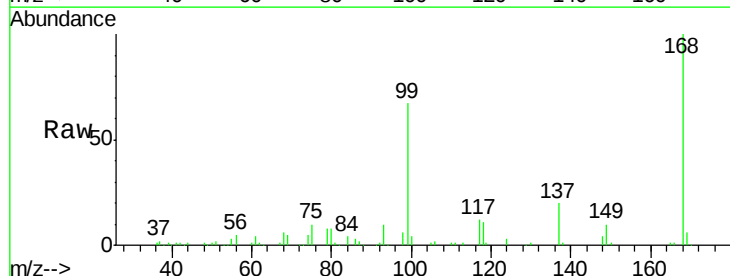
Instrument :
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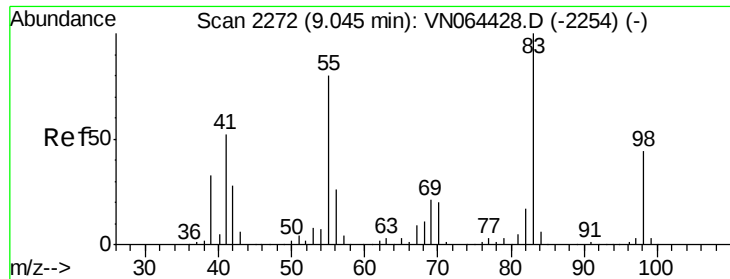
Tot Ion: 43 Resp: 683
Ion Ratio Lower Upper
43 100
61 0.0 10.0 15.0#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.176 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064661.D
Acq: 16 Nov 2020 15:00

Tgt Ion: 117 Resp: 26484
Ion Ratio Lower Upper
117 100
119 5.9 75.5 113.3#
121 0.0 24.4 36.6#

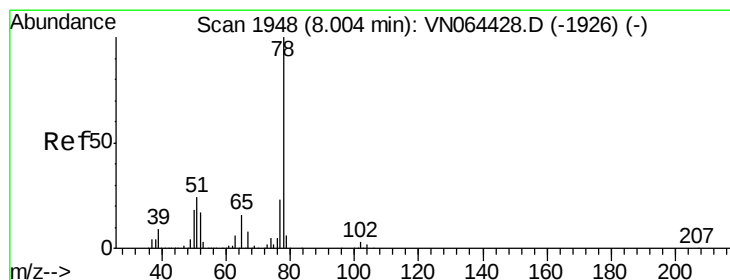
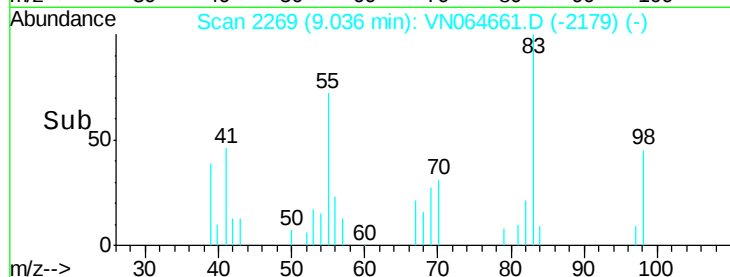
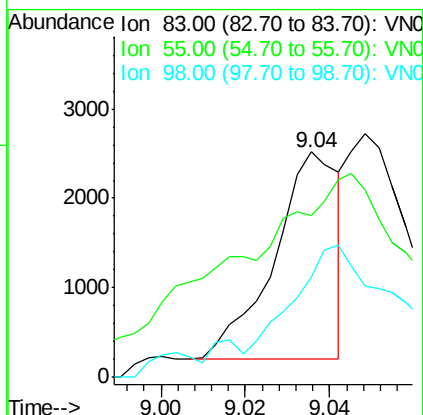
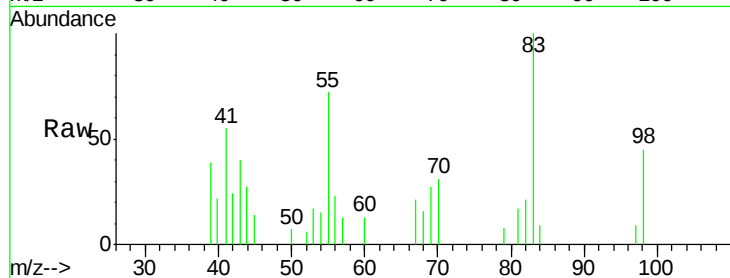




#39
Methvlcvclohexane
Concen: 0.569 ug/l
RT: 9.04 min Scan# 2269
Delta R.T. -0.01 min
Lab File: VN064661.D
Acq: 16 Nov 2020 15:00

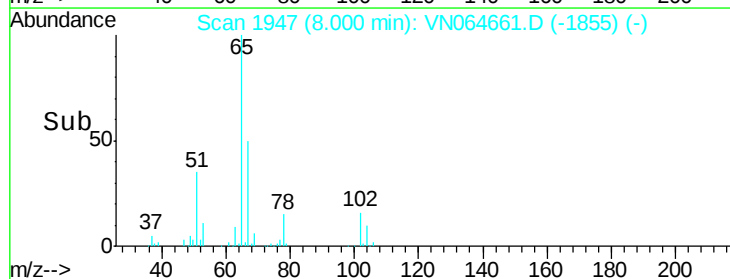
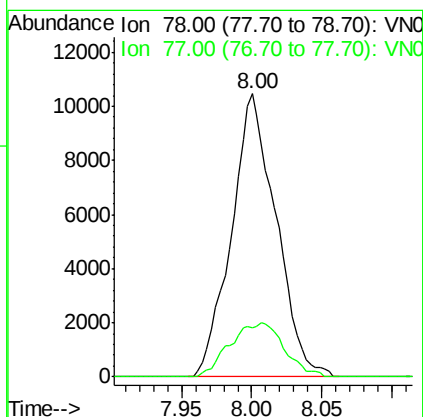
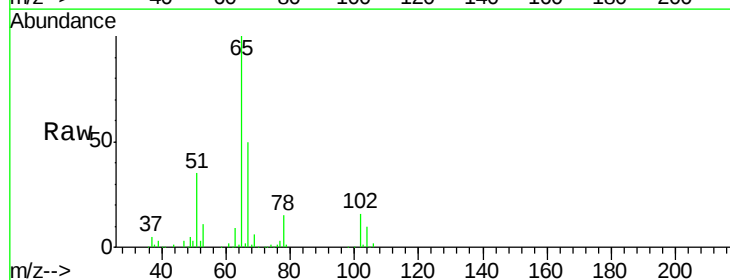
Instrument :
MSVOA_N
ClientSampled :
MW-1

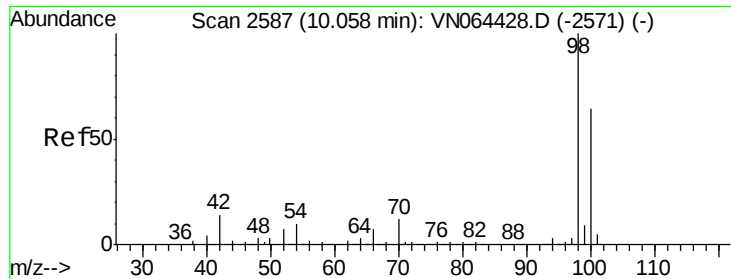
Tot Ion: 83 Resp: 2444
Ion Ratio Lower Upper
83 100
55 32.2 63.8 95.6#
98 38.8 35.4 53.2



#40
Benzene
Concen: 1.644 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064661.D
Acq: 16 Nov 2020 15:00

Tgt Ion: 78 Resp: 23133
Ion Ratio Lower Upper
78 100
77 17.2 18.7 28.1#





#50

Toluene-d8

Concen: 50.349 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064661.D

Acq: 16 Nov 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

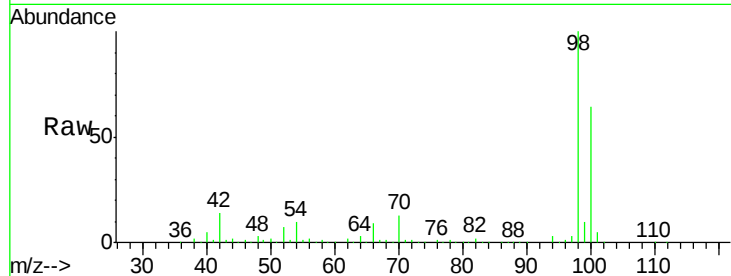
MW-1

Tot Ion: 98 Resp: 600450

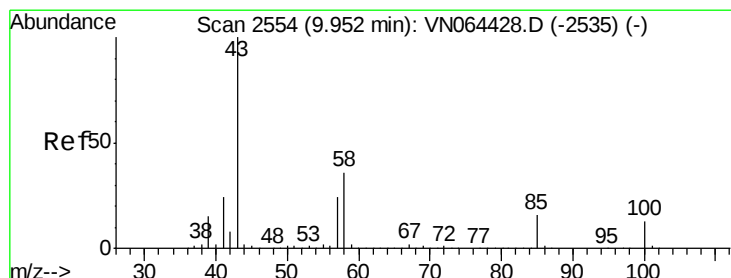
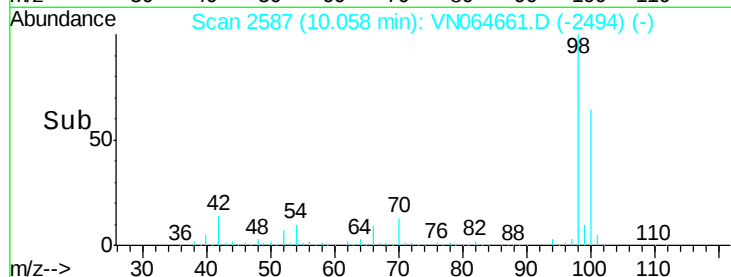
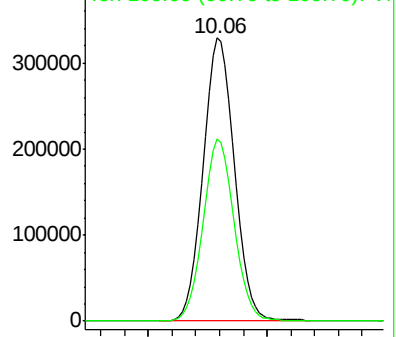
Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.269 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064661.D

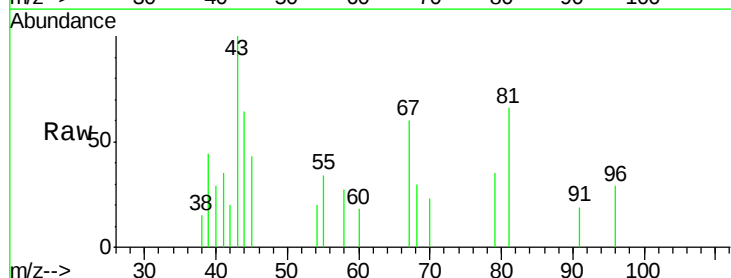
Acq: 16 Nov 2020 15:00

Tgt Ion: 43 Resp: 1219

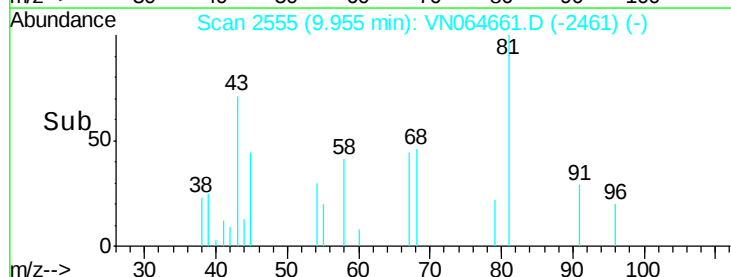
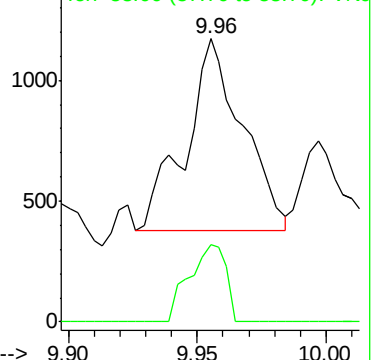
Ion Ratio Lower Upper

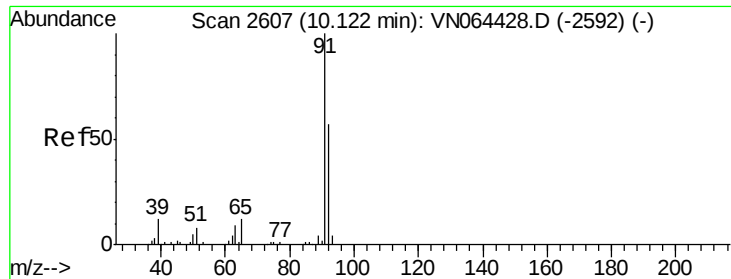
43 100

58 26.1 28.4 42.6#



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-2535) (-)





#52

Toluene

Concen: 4.120 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064661.D

Acq: 16 Nov 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

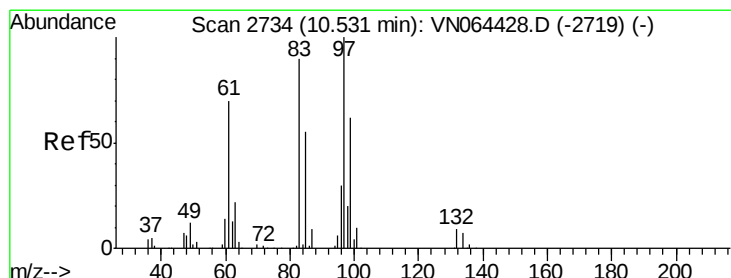
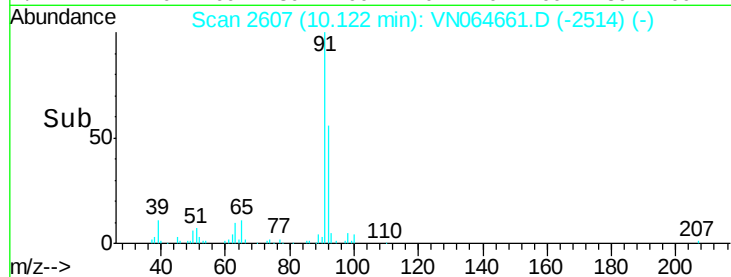
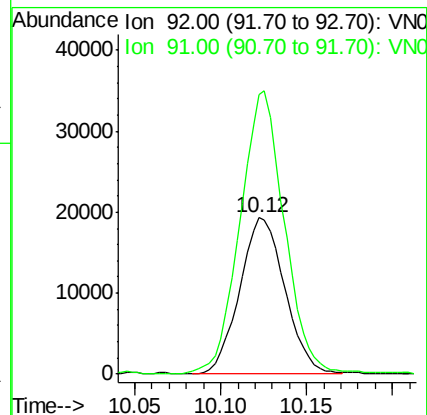
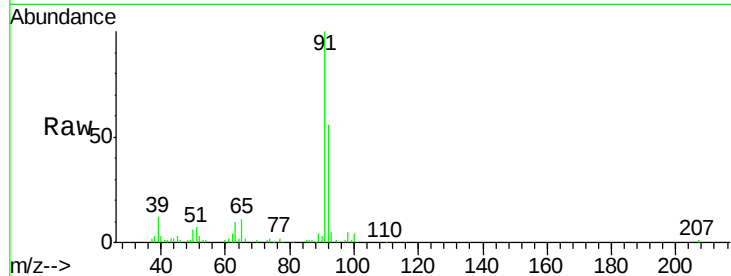
MW-1

Tot Ion: 92 Resp: 35356

Ion Ratio Lower Upper

92 100

91 178.0 139.6 209.4



#55

1,1,2-Trichloroethane

Concen: 0.870 ug/l

RT: 10.50 min Scan# 2725

Delta R.T. -0.03 min

Lab File: VN064661.D

Acq: 16 Nov 2020 15:00

Tgt Ion: 97 Resp: 2911

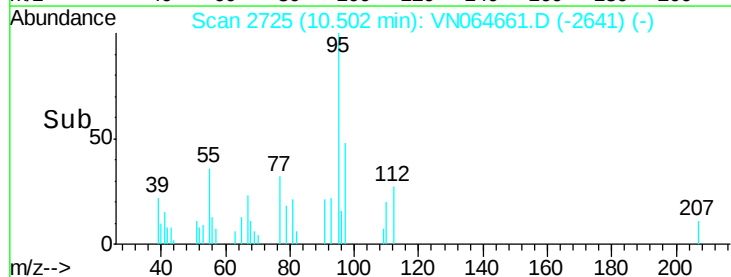
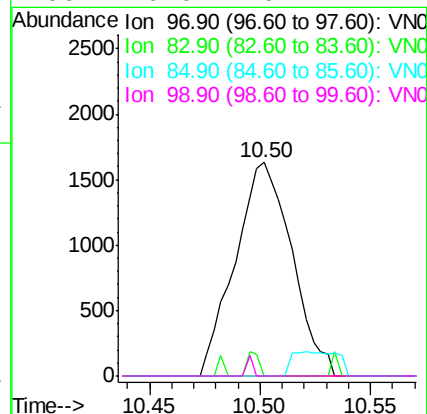
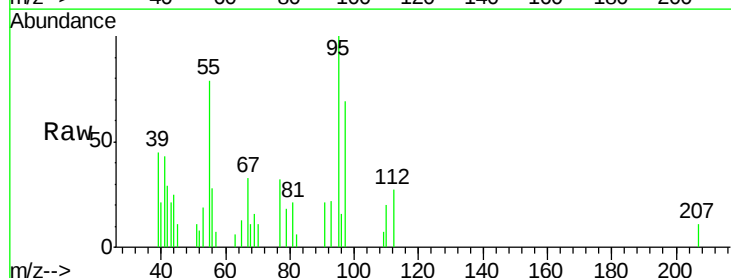
Ion Ratio Lower Upper

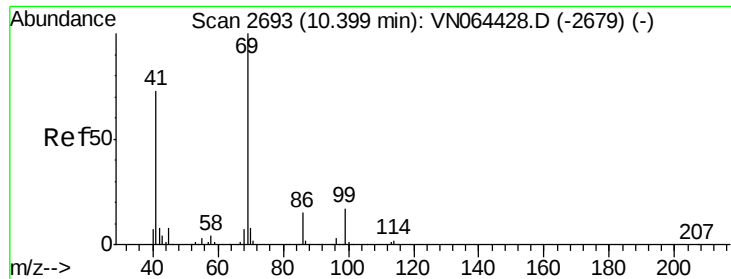
97 100

83 0.0 71.7 107.5#

85 0.0 44.3 66.5#

99 0.0 49.4 74.2#





#56

Ethyl methacrylate

Concen: 1.937 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064661.D

Acq: 16 Nov 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

MW-1

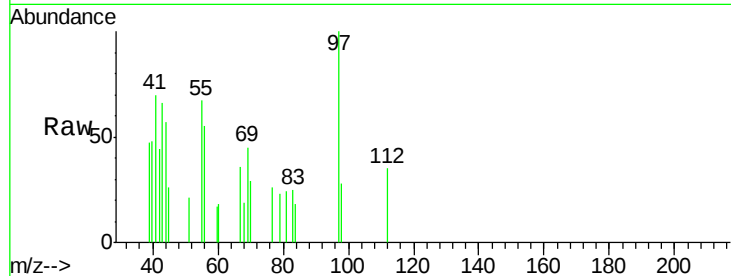
Tot Ion: 69 Resp: 548

Ion Ratio Lower Upper

69 100

41 218.6 59.3 88.9#

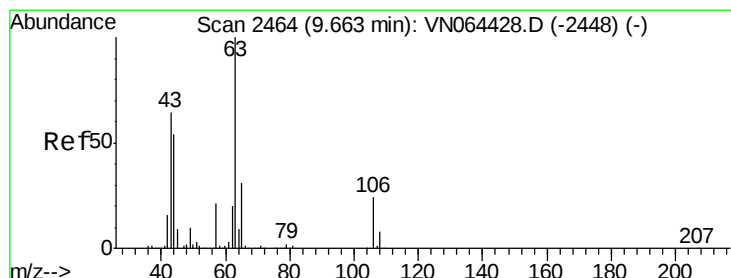
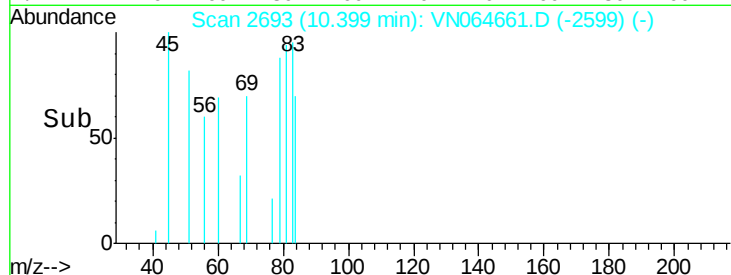
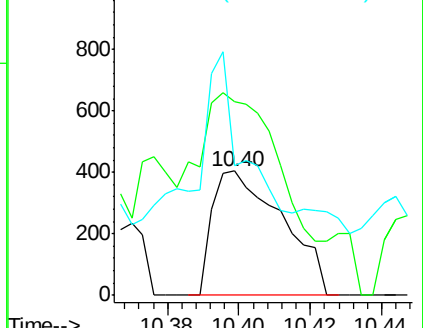
39 75.7 35.4 53.0#



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



#58

2-Chloroethyl Vinyl ether

Concen: 21.549 ug/l

RT: 9.64 min Scan# 2458

Delta R.T. -0.02 min

Lab File: VN064661.D

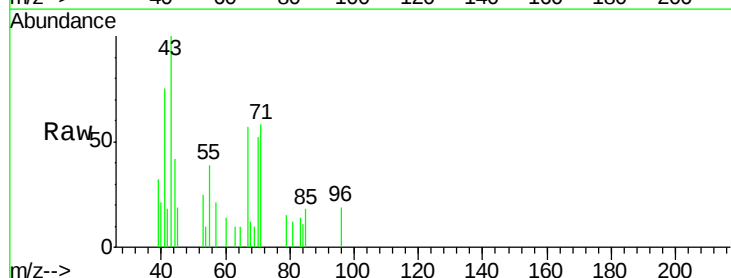
Acq: 16 Nov 2020 15:00

Tgt Ion: 63 Resp: 31

Ion Ratio Lower Upper

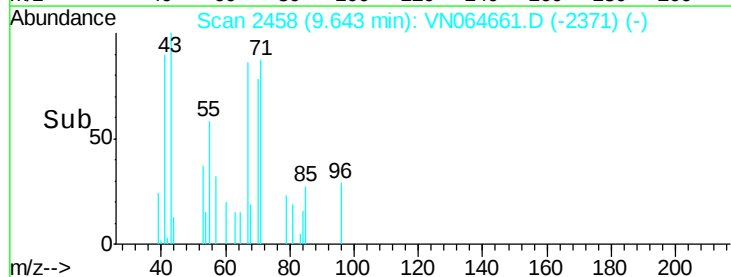
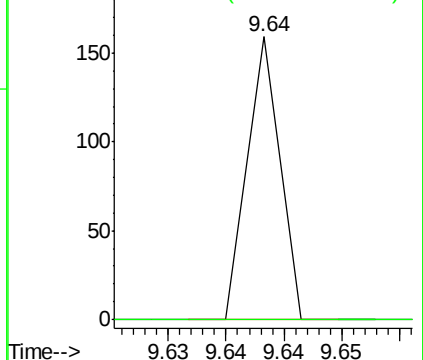
63 100

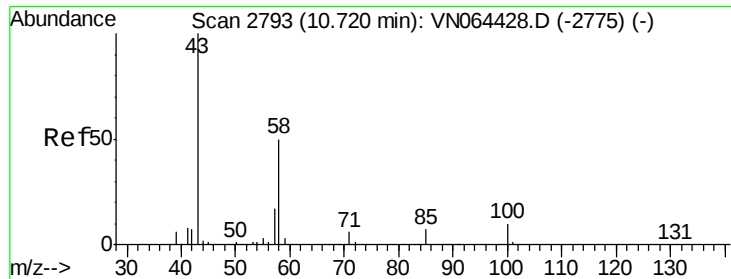
106 0.0 19.5 29.3#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

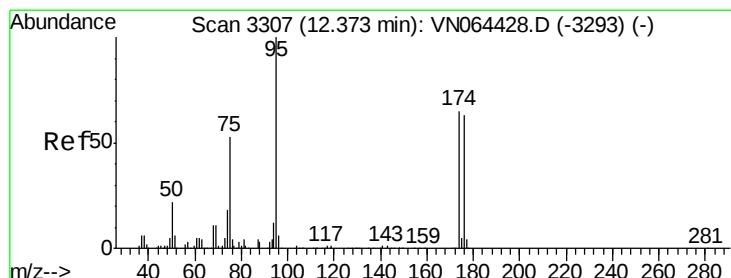
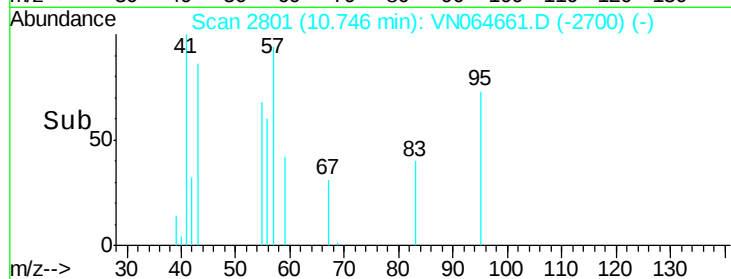
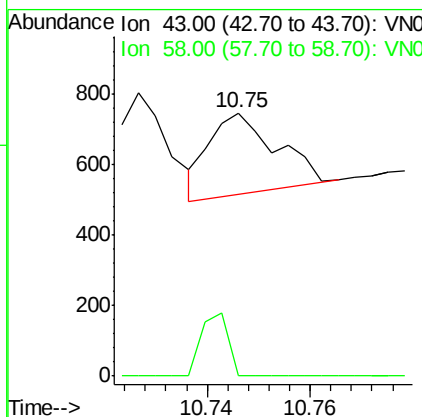
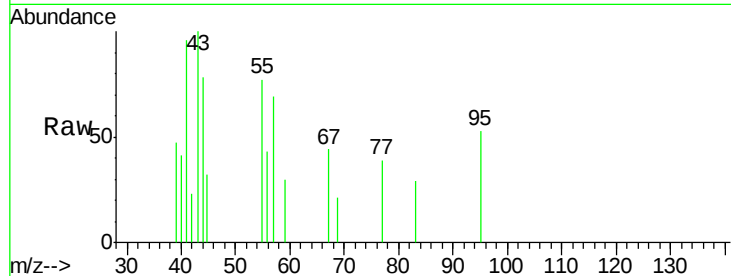




#59
2-Hexanone
Concen: 4.085 ug/l
RT: 10.75 min Scan# 2801
Delta R.T. 0.03 min
Lab File: VN064661.D
Acq: 16 Nov 2020 15:00

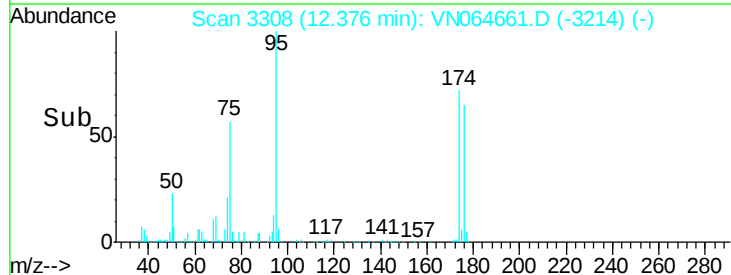
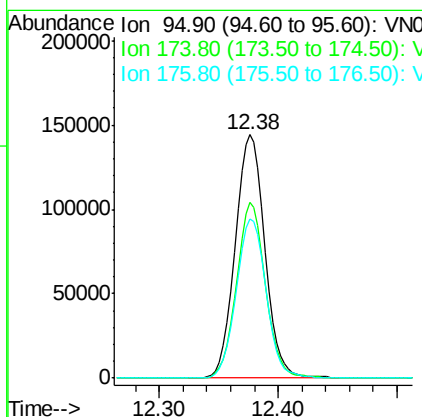
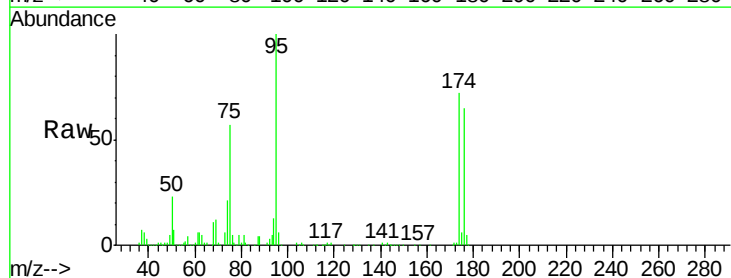
Instrument :
MSVOA_N
ClientSampleId :
MW-1

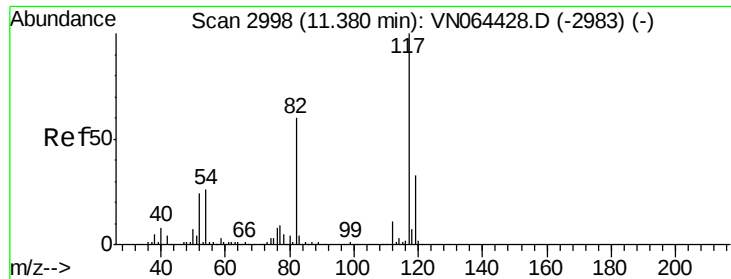
Tot Ion: 43 Resp: 212
Ion Ratio Lower Upper
43 100
58 30.2 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 54.912 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064661.D
Acq: 16 Nov 2020 15:00

Tgt Ion: 95 Resp: 247662
Ion Ratio Lower Upper
95 100
174 70.8 0.0 132.6
176 66.2 0.0 129.2

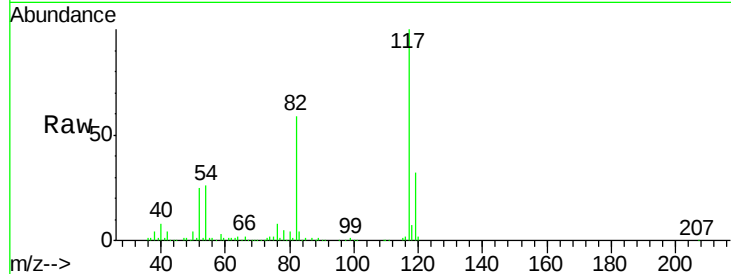




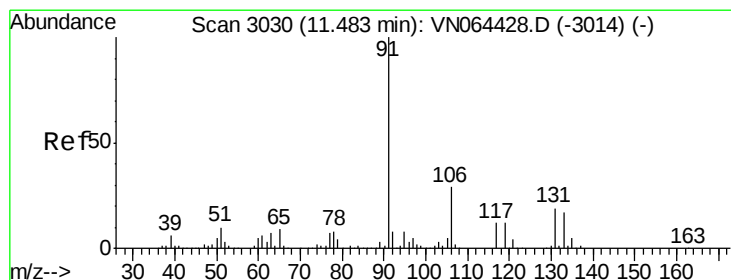
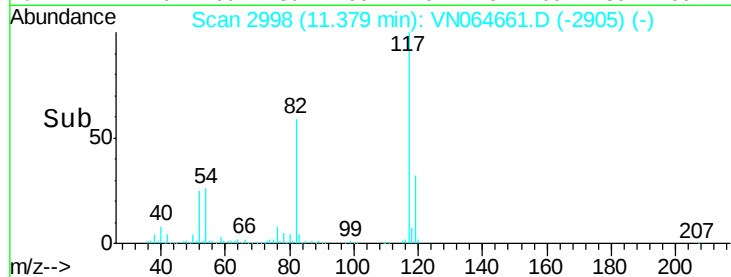
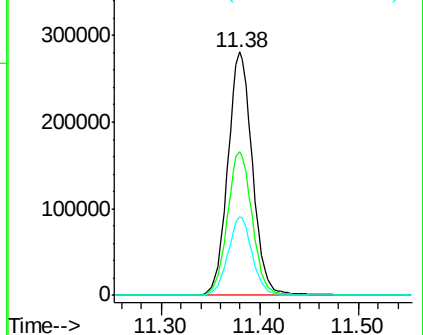
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064661.D
Acq: 16 Nov 2020 15:00

Instrument :
MSVOA_N
ClientSampled :
MW-1

Tot Ion:117 Resp: 489310
Ion Ratio Lower Upper
117 100
82 59.3 48.1 72.1
119 32.1 26.2 39.4

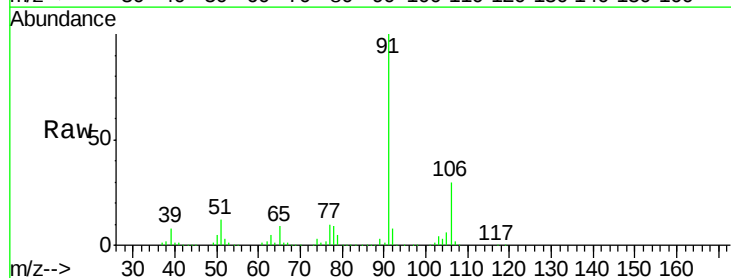


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

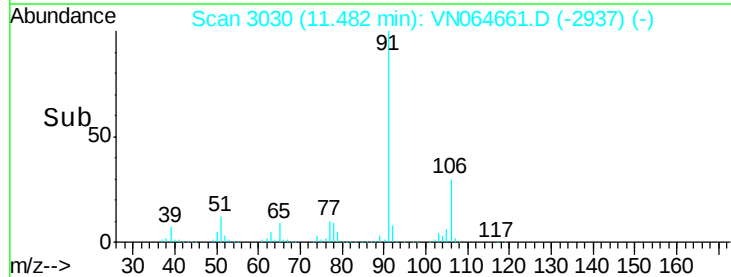
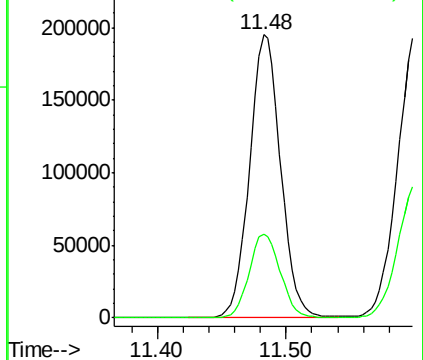


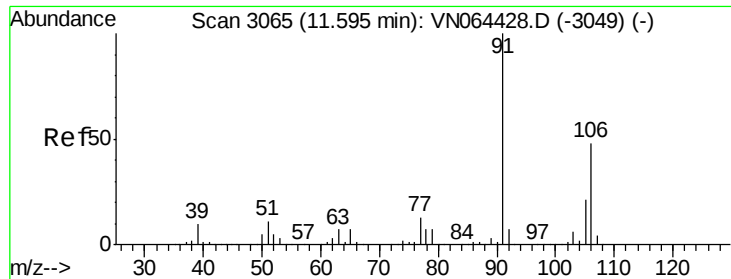
#67
Ethyl Benzene
Concen: 17.160 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064661.D
Acq: 16 Nov 2020 15:00

Tgt Ion: 91 Resp: 327414
Ion Ratio Lower Upper
91 100
106 29.7 23.6 35.4



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

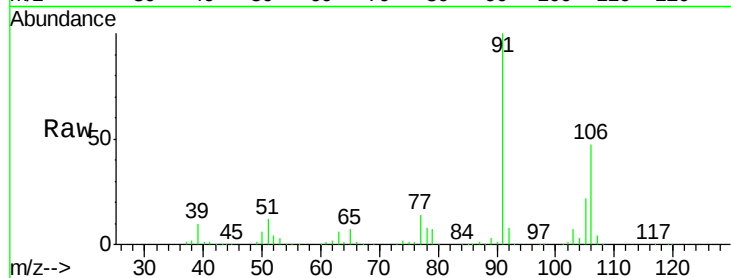




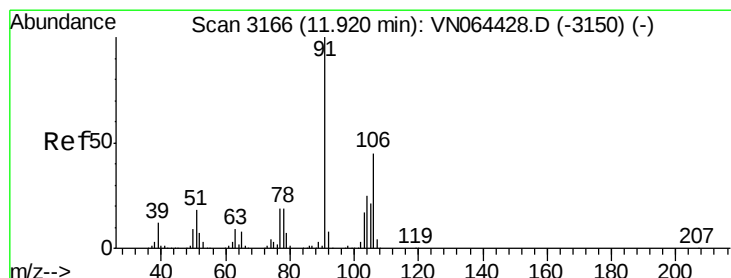
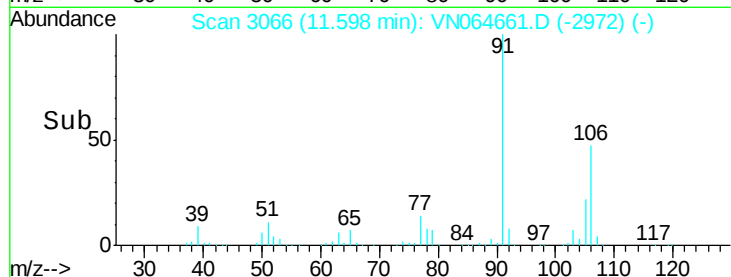
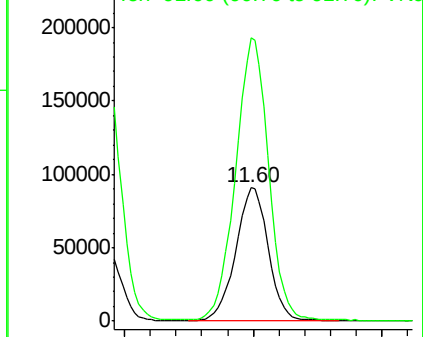
#68
m/p-Xylenes
Concen: 23.008 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN064661.D
Acq: 16 Nov 2020 15:00

Instrument :
MSVOA_N
ClientSampled :
MW-1

Tot Ion:106 Resp: 159203
Ion Ratio Lower Upper
106 100
91 213.9 169.4 254.2

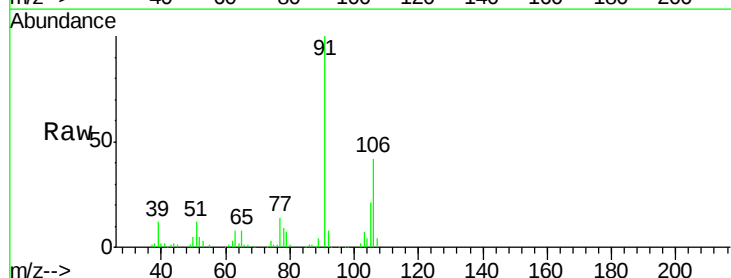


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

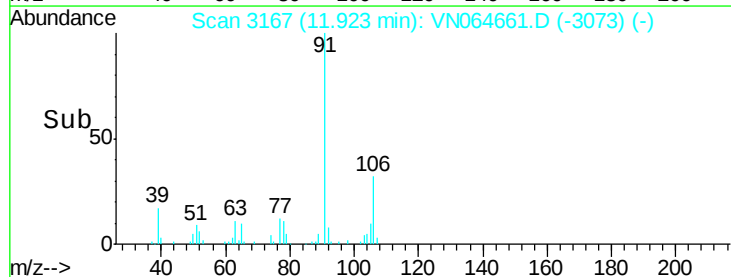
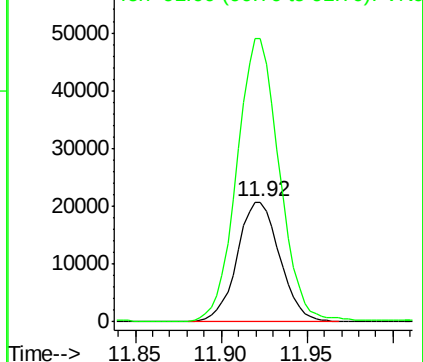


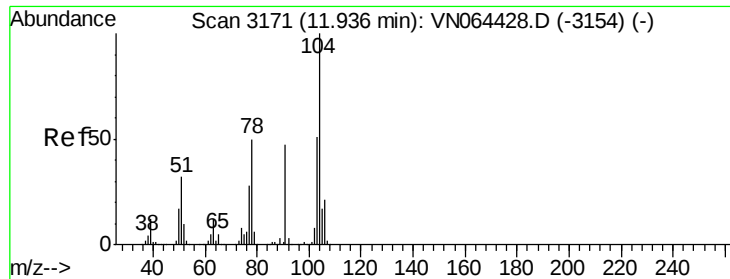
#69
o-Xylene
Concen: 5.335 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064661.D
Acq: 16 Nov 2020 15:00

Tgt Ion:106 Resp: 35675
Ion Ratio Lower Upper
106 100
91 236.8 111.7 334.9



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

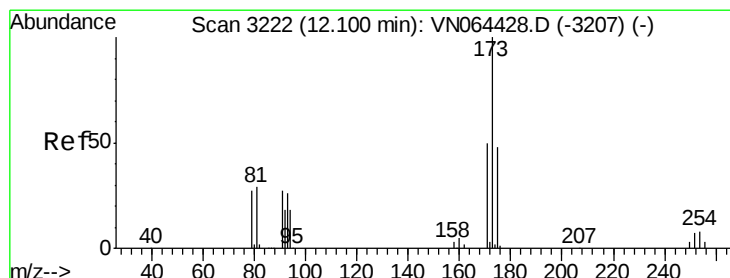
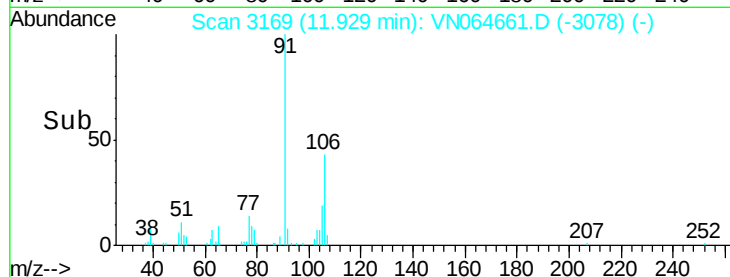
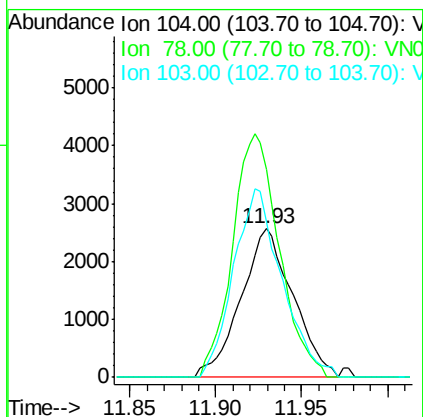
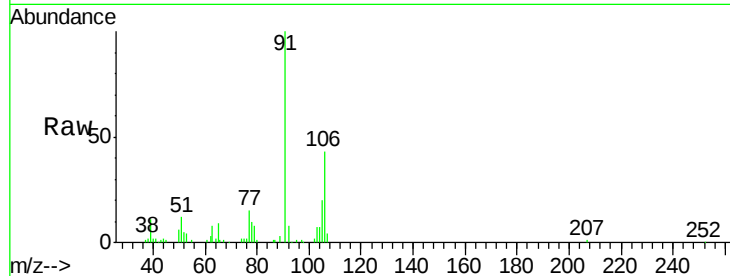




#70
Stvrene
Concen: 0.479 ug/l
RT: 11.93 min Scan# 3169
Delta R.T. -0.01 min
Lab File: VN064661.D
Acq: 16 Nov 2020 15:00

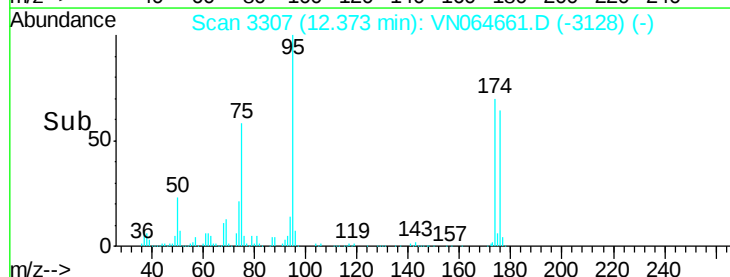
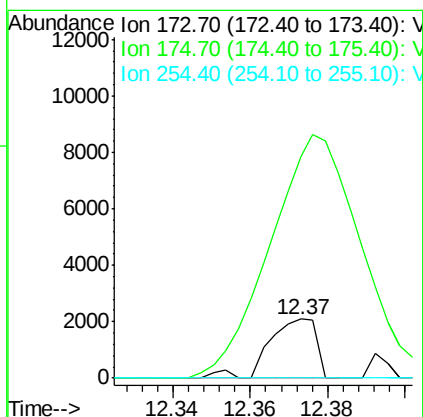
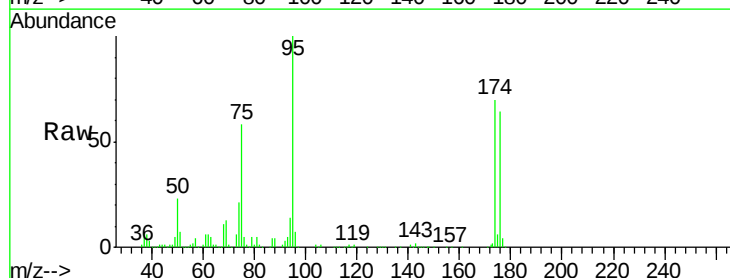
Instrument :
MSVOA_N
ClientSampleId :
MW-1

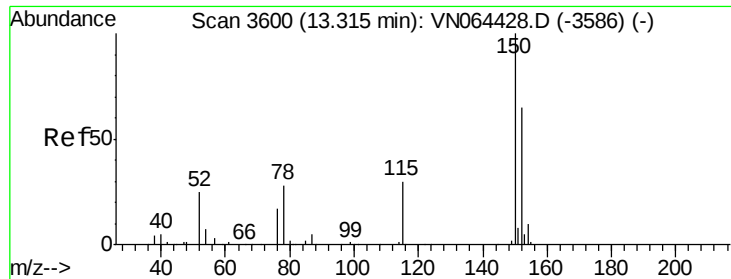
Tot Ion:104 Resp: 5395
Ion Ratio Lower Upper
104 100
78 147.1 44.0 66.0#
103 118.5 43.8 65.6#



#71
Bromoform
Concen: 1.853 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.27 min
Lab File: VN064661.D
Acq: 16 Nov 2020 15:00

Tgt Ion:173 Resp: 1783
Ion Ratio Lower Upper
173 100
175 652.7 23.7 71.1#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064661.D

Acq: 16 Nov 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

MW-1

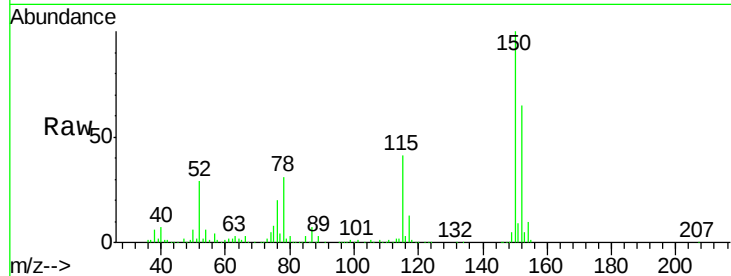
Tot Ion:152 Resp: 217911

Ion Ratio Lower Upper

152 100

115 64.2 32.0 96.0

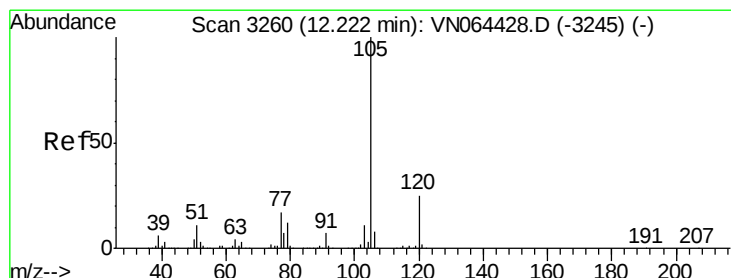
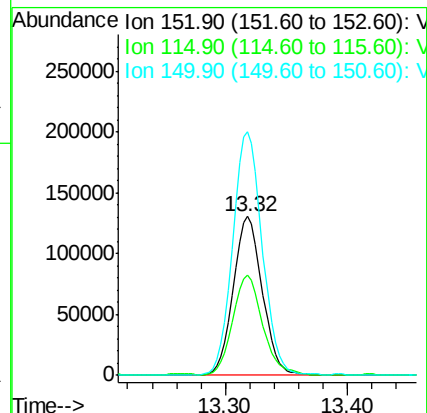
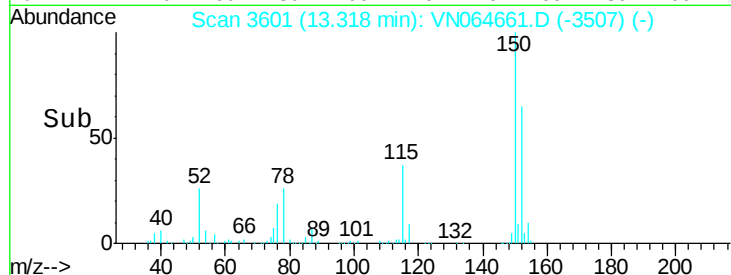
150 155.1 0.0 353.8



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: 0.689 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064661.D

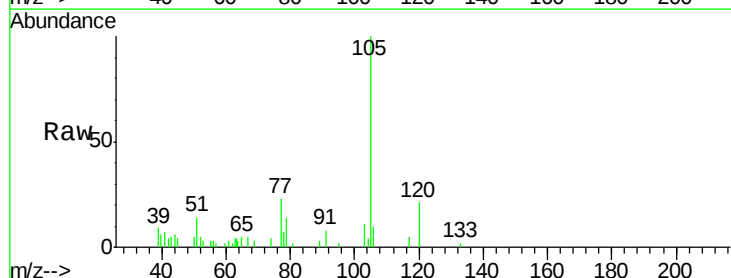
Acq: 16 Nov 2020 15:00

Tgt Ion:105 Resp: 11937

Ion Ratio Lower Upper

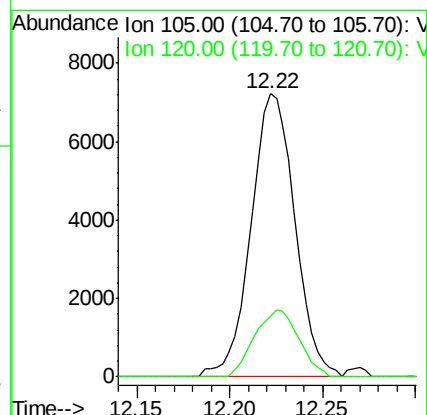
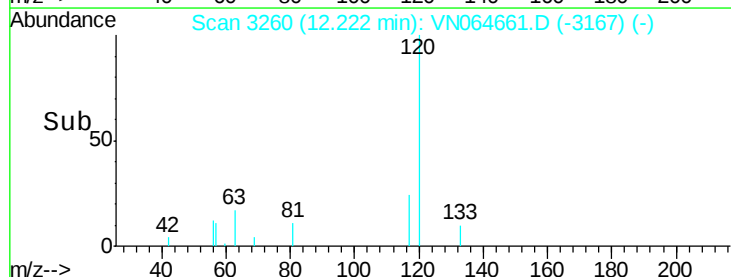
105 100

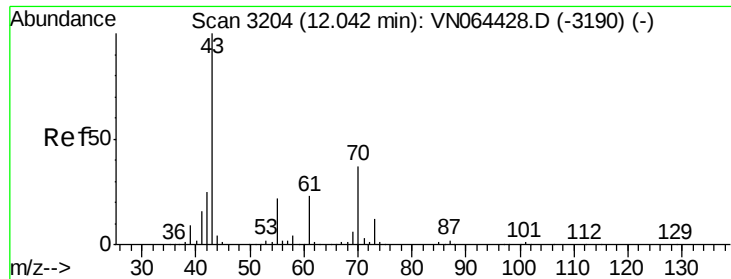
120 23.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.228 ug/l

RT: 12.06 min Scan# 3209

Delta R.T. 0.02 min

Lab File: VN064661.D

Acq: 16 Nov 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

MW-1

Tot Ion: 43 Resp: 119

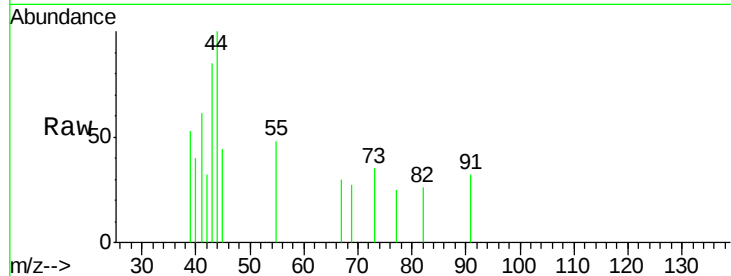
Ion Ratio Lower Upper

43 100

70 0.0 29.6 44.4#

55 186.6 18.4 27.6#

61 0.0 17.8 26.6#

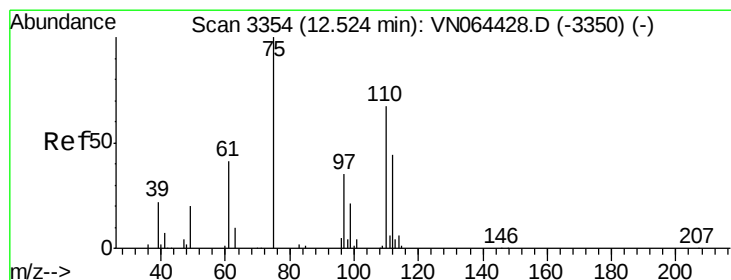
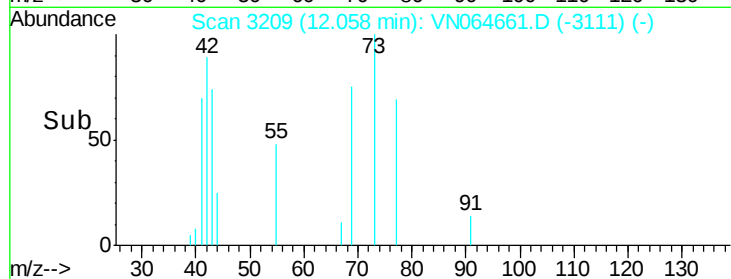
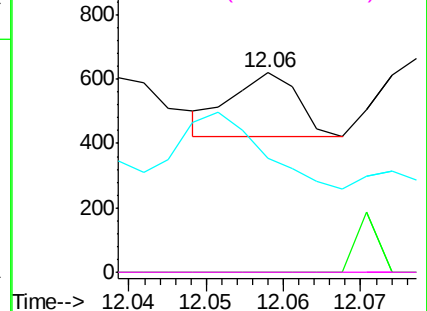


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 26.572 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064661.D

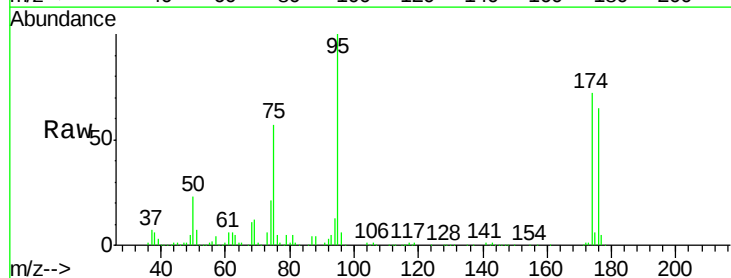
Acq: 16 Nov 2020 15:00

Tgt Ion: 75 Resp: 140294

Ion Ratio Lower Upper

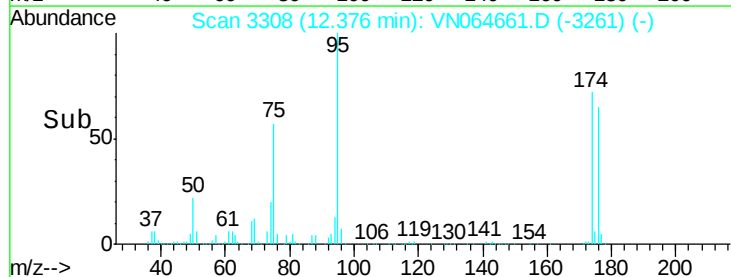
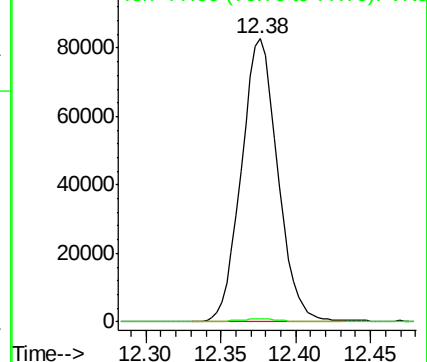
75 100

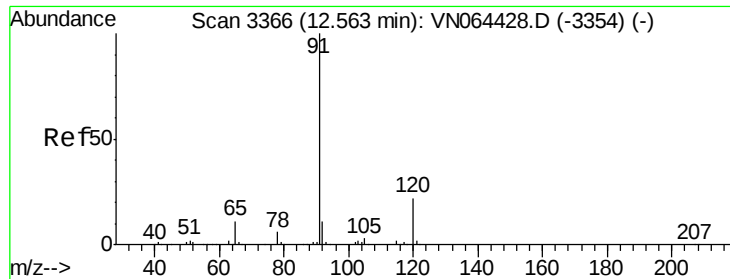
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.490 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064661.D

Acq: 16 Nov 2020 15:00

Instrument :

MSVOA_N

ClientSampled :

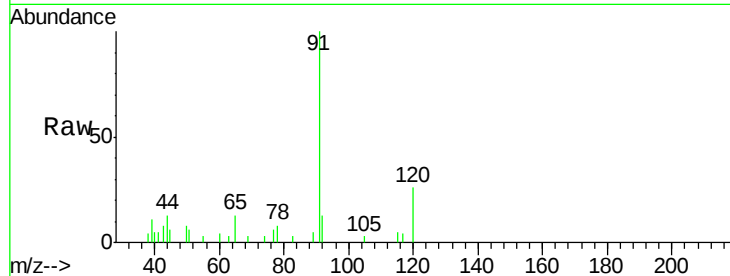
MW-1

Tot Ion: 91 Resp: 9675

Ion Ratio Lower Upper

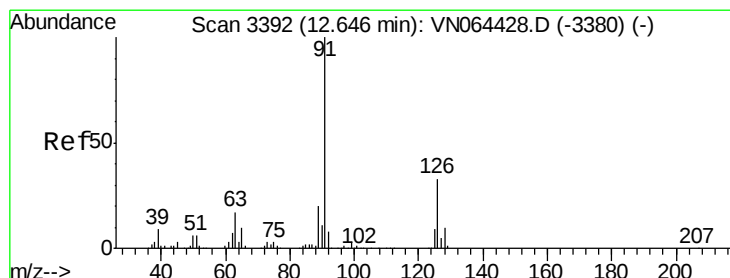
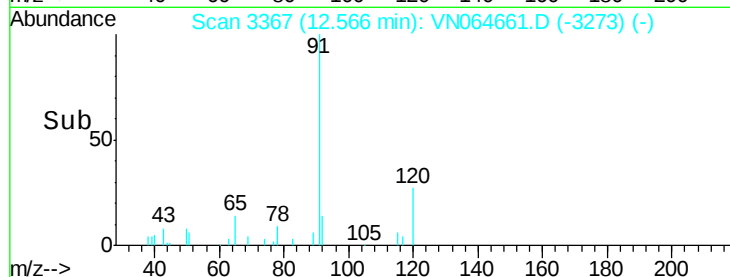
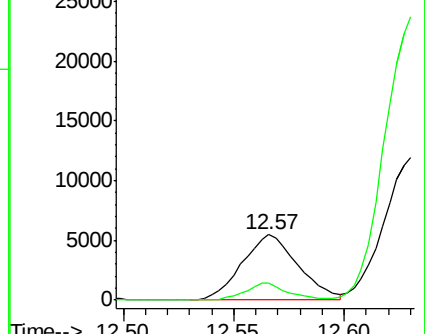
91 100

120 0.0 11.0 33.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.552 ug/l

RT: 12.63 min Scan# 3388

Delta R.T. -0.01 min

Lab File: VN064661.D

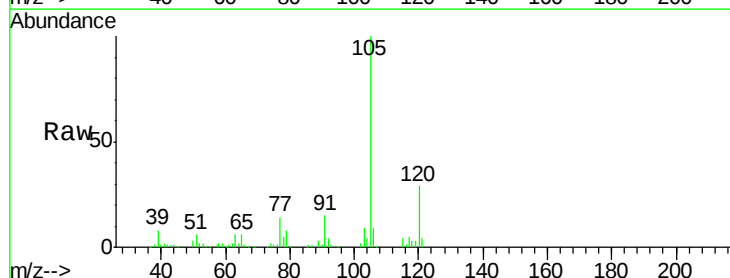
Acq: 16 Nov 2020 15:00

Tgt Ion: 91 Resp: 19443

Ion Ratio Lower Upper

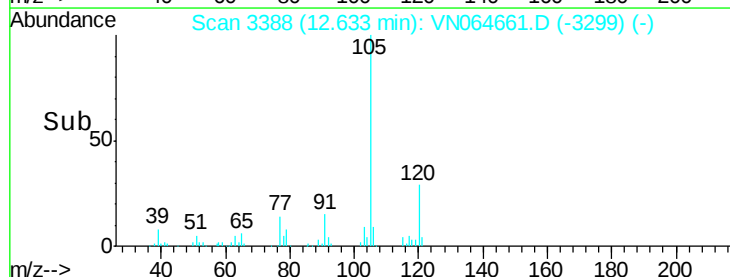
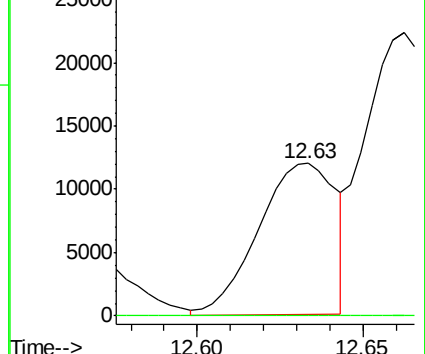
91 100

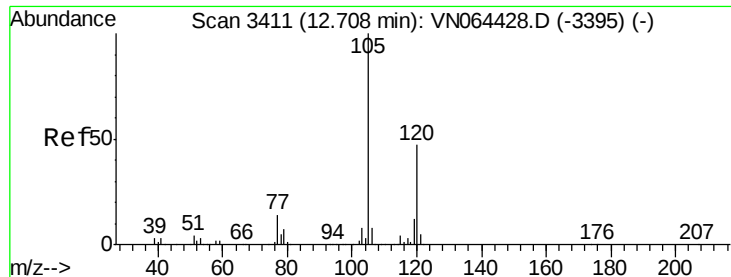
126 0.0 16.4 49.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

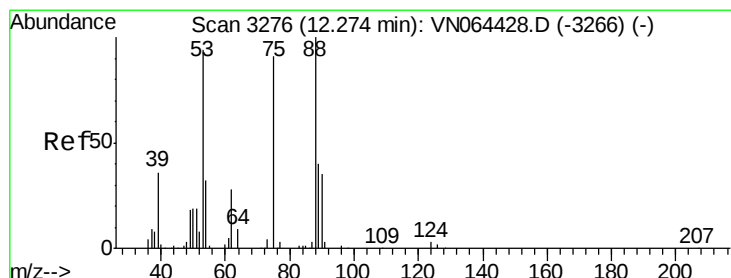
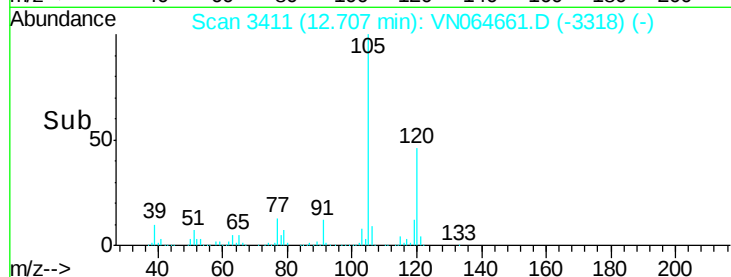
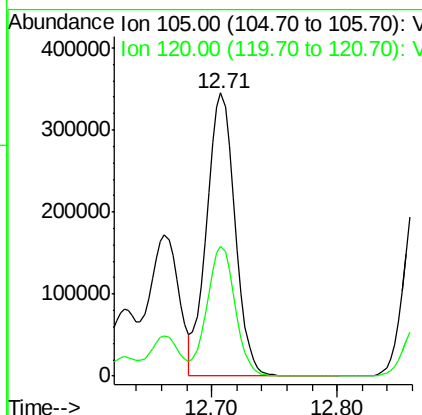
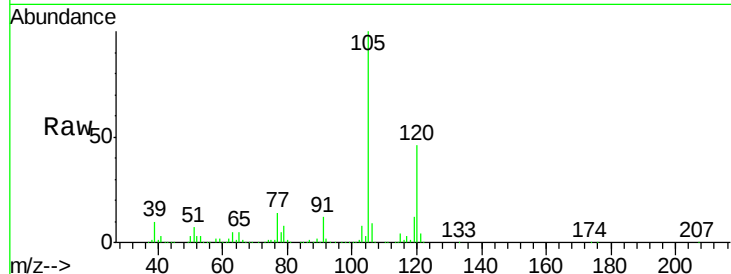




#80
 1,3,5-Trimethylbenzene
 Concen: 37.770 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064661.D
 Acq: 16 Nov 2020 15:00

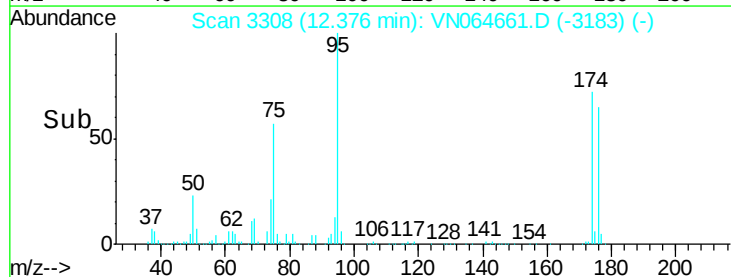
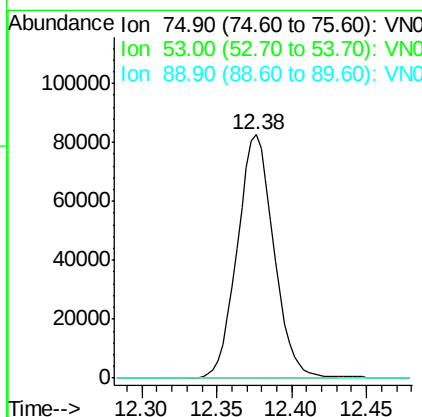
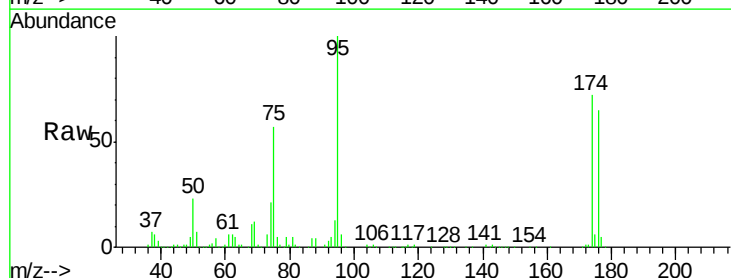
Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

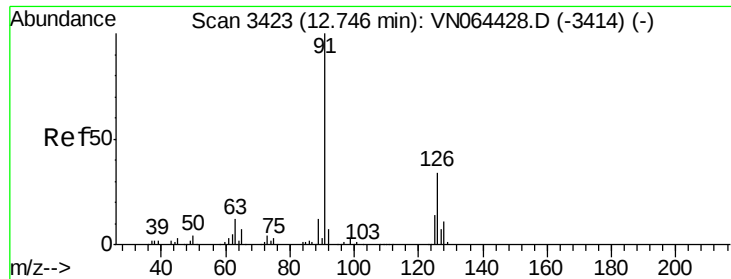
Tot Ion:105 Resp: 539691
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.4 70.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.192 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN064661.D
 Acq: 16 Nov 2020 15:00

Tgt Ion: 75 Resp: 140294
 Ion Ratio Lower Upper
 75 100
 53 0.2 84.0 126.0#
 89 0.0 36.3 54.5#

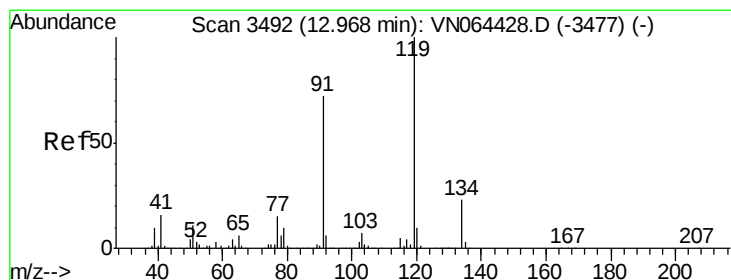
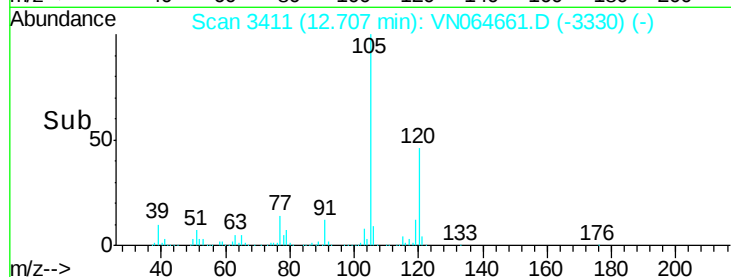
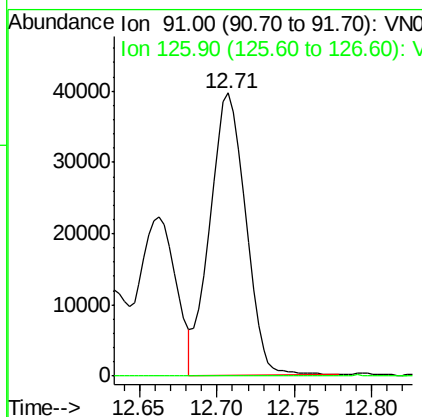
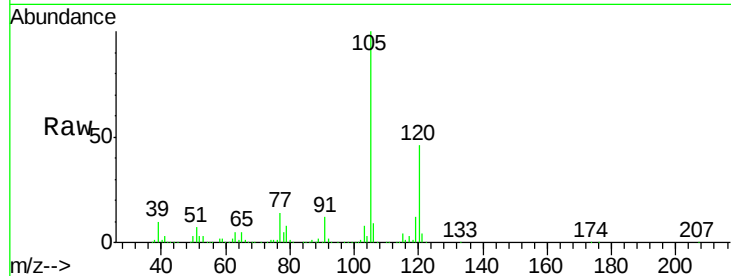




#82
4-Chlorotoluene
Concen: 4.858 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. -0.04 min
Lab File: VN064661.D
Acq: 16 Nov 2020 15:00

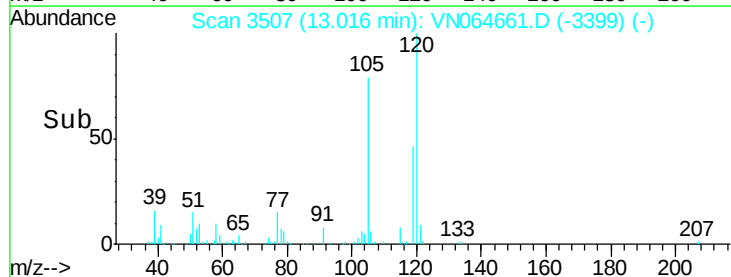
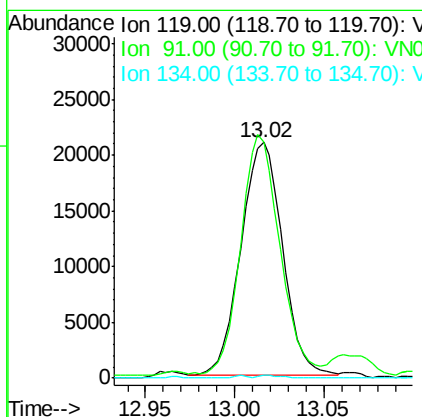
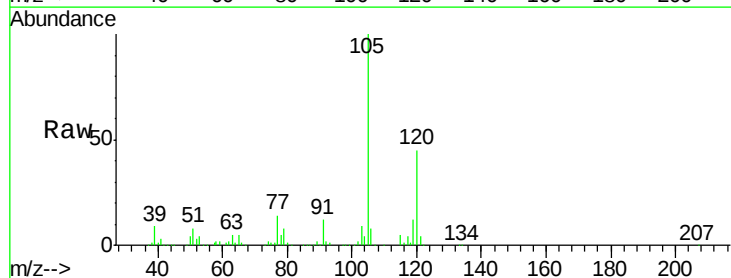
Instrument :
MSVOA_N
ClientSampled :
MW-1

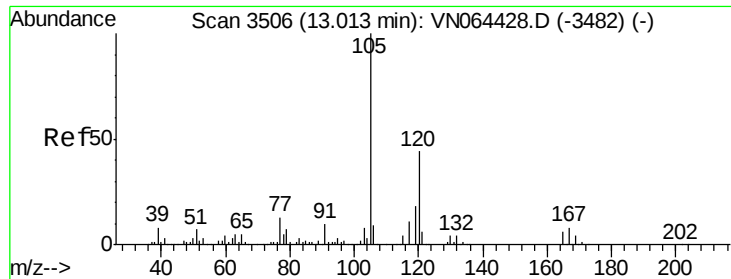
Tot Ion: 91 Resp: 63714
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.2#



#83
tert-Butylbenzene
Concen: 3.045 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.05 min
Lab File: VN064661.D
Acq: 16 Nov 2020 15:00

Tgt Ion: 119 Resp: 33981
Ion Ratio Lower Upper
119 100
91 96.9 36.1 108.3
134 0.7 11.7 35.1#

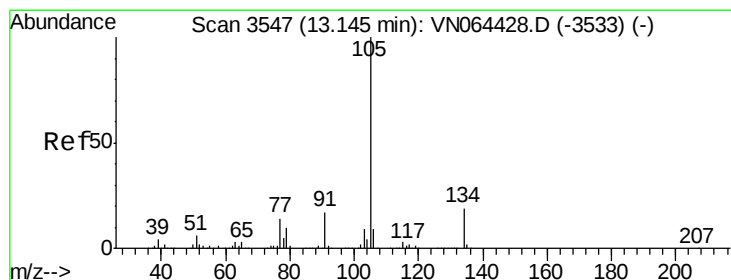
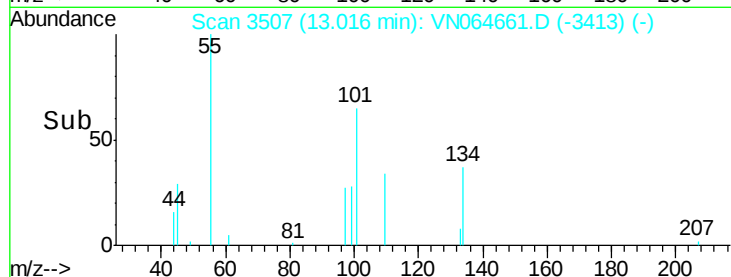
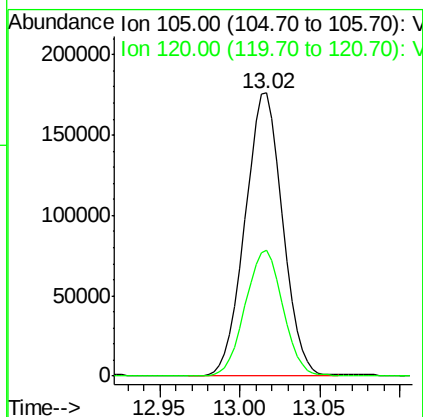
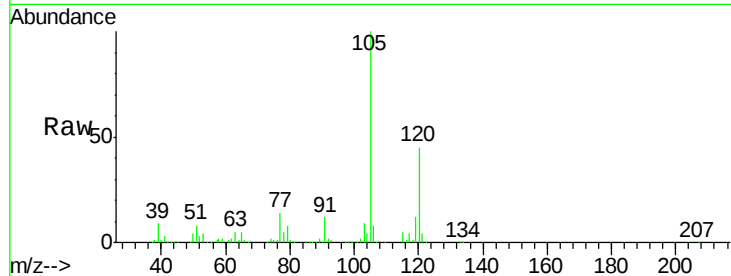




#84
1,2,4-Trimethylbenzene
Concen: 19.763 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064661.D
Acq: 16 Nov 2020 15:00

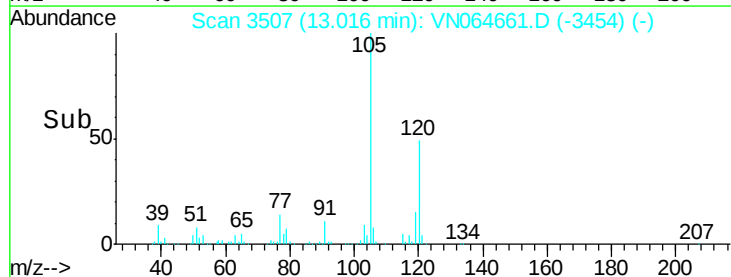
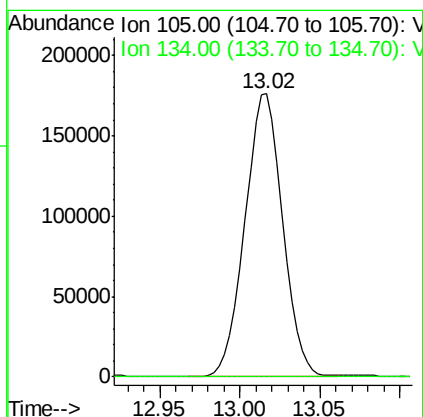
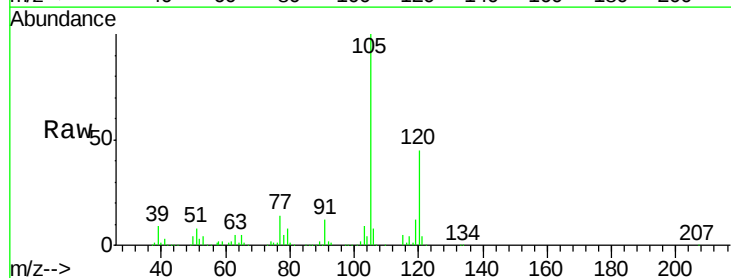
Instrument :
MSVOA_N
ClientSampled :
MW-1

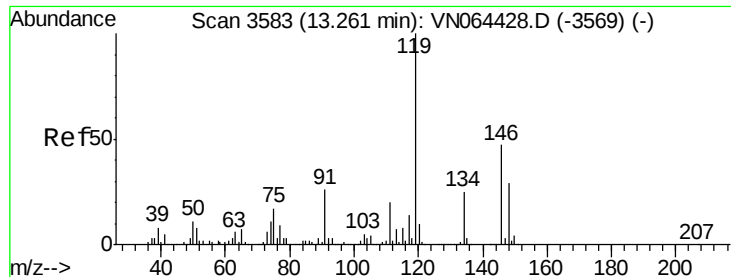
Tot Ion:105 Resp: 283876
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.7



#85
sec-Butylbenzene
Concen: 20.085 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. -0.13 min
Lab File: VN064661.D
Acq: 16 Nov 2020 15:00

Tgt Ion:105 Resp: 283876
Ion Ratio Lower Upper
105 100
134 0.1 9.4 28.2#

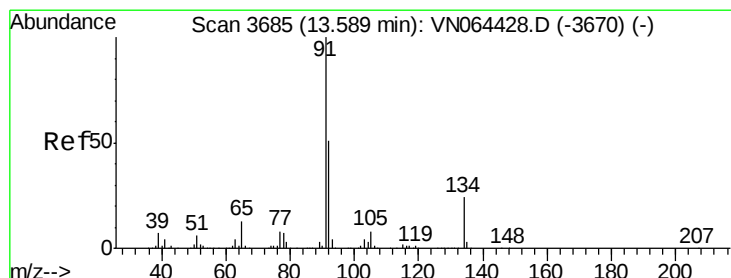
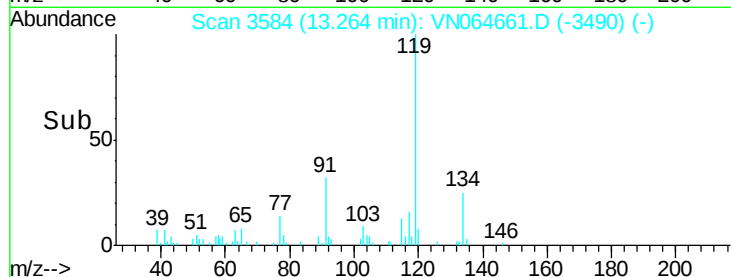
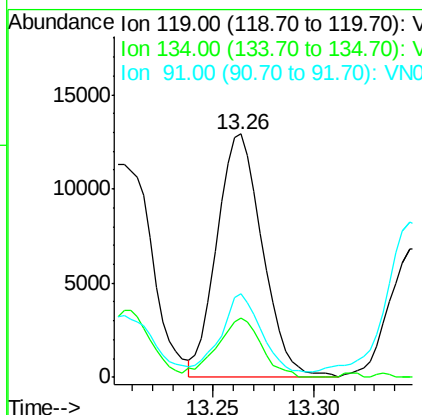
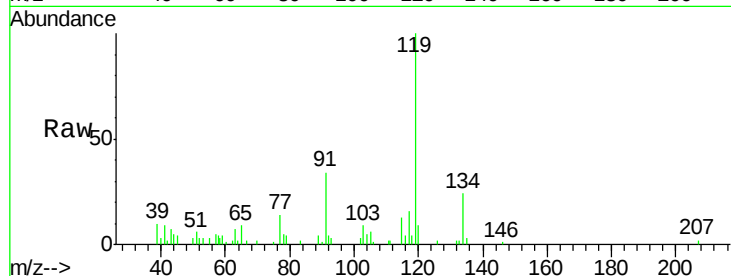




#86
 p-Isopropyltoluene
 Concen: 1.604 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064661.D
 Acq: 16 Nov 2020 15:00

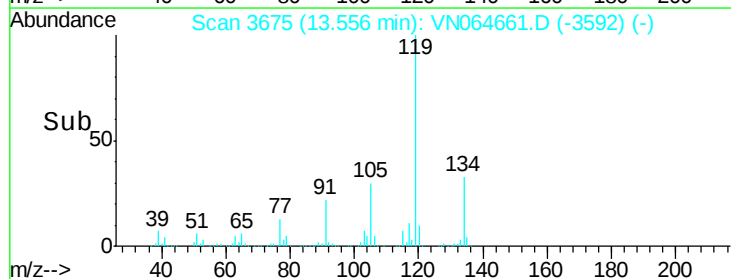
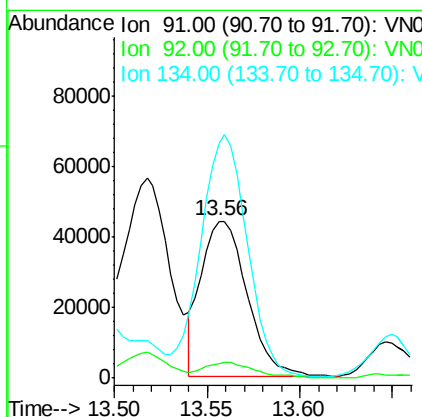
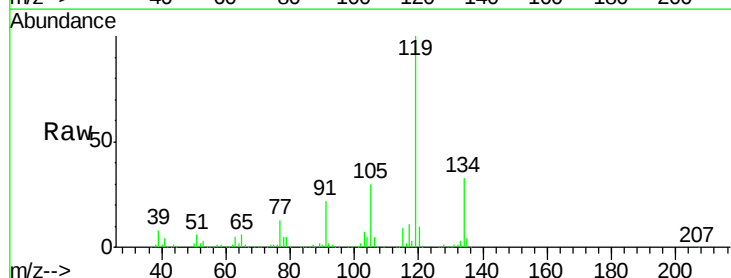
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

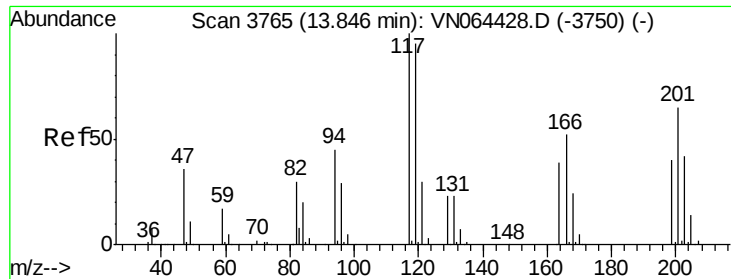
Tot Ion: 119 Resp: 20387
 Ion Ratio Lower Upper
 119 100
 134 23.7 12.6 37.6
 91 27.1 12.8 38.3



#89
 n-Butylbenzene
 Concen: 6.898 ug/l
 RT: 13.56 min Scan# 3675
 Delta R.T. -0.03 min
 Lab File: VN064661.D
 Acq: 16 Nov 2020 15:00

Tgt Ion: 91 Resp: 75400
 Ion Ratio Lower Upper
 91 100
 92 11.5 25.3 75.9#
 134 160.1 11.8 35.4#

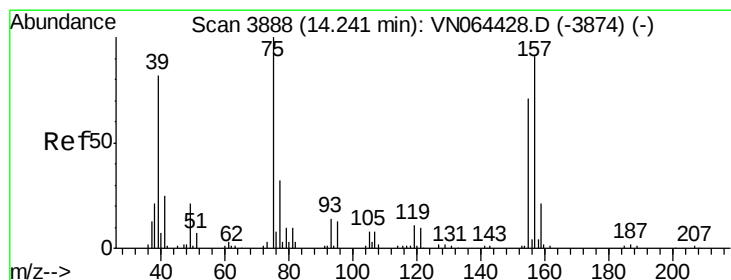
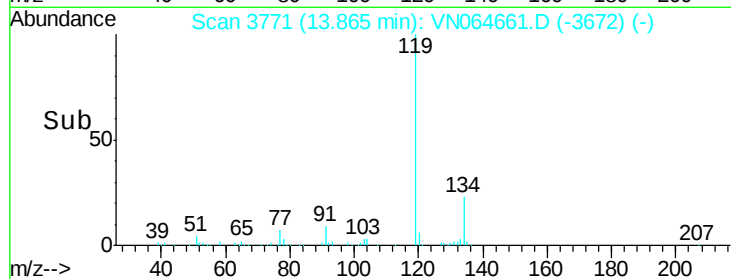
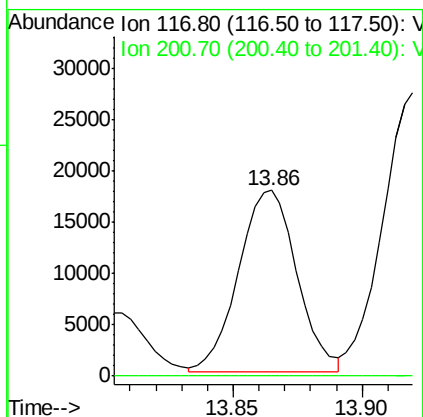
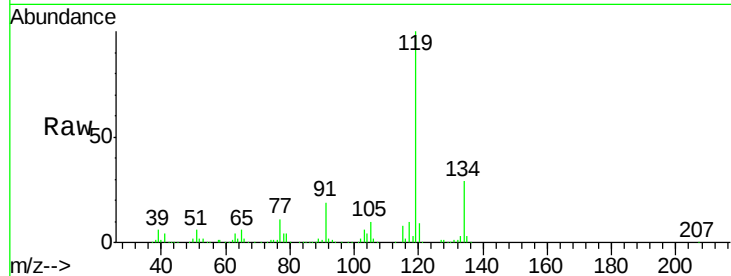




#90
Hexachloroethane
Concen: 11.386 ug/l
RT: 13.86 min Scan# 3771
Delta R.T. 0.02 min
Lab File: VN064661.D
Acq: 16 Nov 2020 15:00

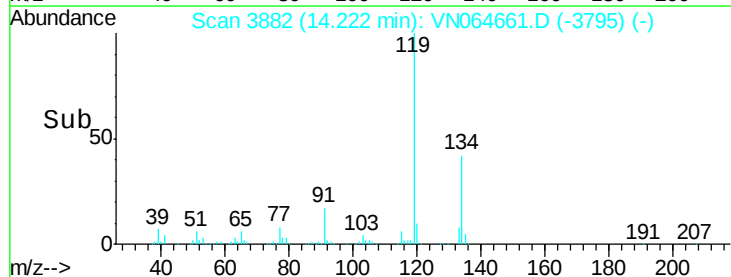
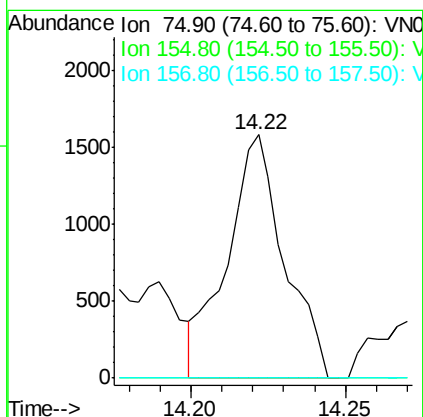
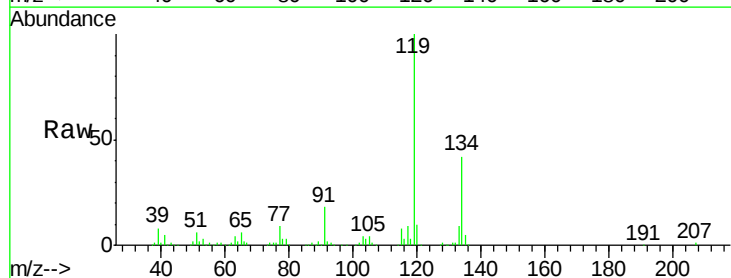
Instrument :
MSVOA_N
ClientSampleId :
MW-1

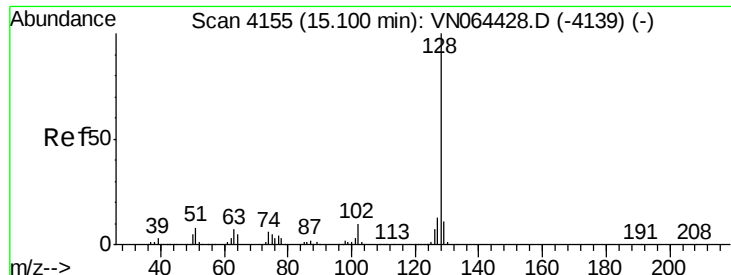
Tot Ion:117 Resp: 27922
Ion Ratio Lower Upper
117 100
201 0.0 32.5 97.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.918 ug/l
RT: 14.22 min Scan# 3882
Delta R.T. -0.02 min
Lab File: VN064661.D
Acq: 16 Nov 2020 15:00

Tgt Ion: 75 Resp: 2032
Ion Ratio Lower Upper
75 100
155 0.0 34.6 103.9#
157 0.0 43.0 128.8#





#95

Naphthalene

Concen: 3.665 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN064661.D

Acq: 16 Nov 2020 15:00

Instrument :

MSVOA_N

ClientSampleId :

MW-1

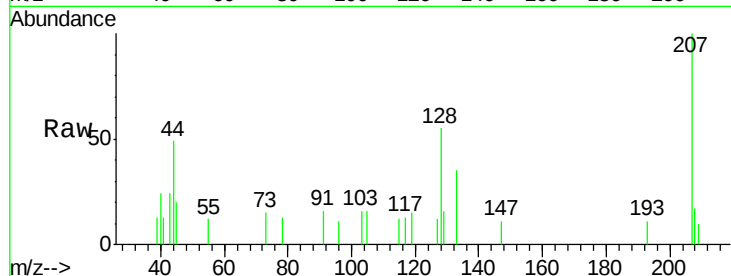
Tot Ion:128 Resp: 548

Ion Ratio Lower Upper

128 100

127 24.1 10.5 15.7#

129 0.0 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

