

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064720.D
 Acq On : 18 Nov 2020 20:36
 Operator : JC/MD
 Sample : L4783-20 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Nov 19 01:38:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	221479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	439476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	459336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.31	152	213144	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	202694	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
35) Dibromofluoromethane	7.55	113	126721	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	10.06	98	567723	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.37	95	243518	57.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.62%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.74	59	34138	90.314	ug/l #	76
13) Acrolein	3.52	56	9803	110.772	ug/l #	1
16) Acetone	3.75	43	3926	9.145	ug/l #	48
18) Methyl Acetate	4.28	43	310	1.440	ug/l #	62
19) Methyl tert-butyl Ether	4.99	73	8685	1.090	ug/l #	1
20) Methylene Chloride	4.50	84	944	0.327	ug/l #	64
23) Vinyl Acetate	5.87	43	1808	0.259	ug/l #	75
25) 2-Butanone	6.78	43	499	0.335	ug/l #	51
30) Chloroform	7.34	83	2296	0.418	ug/l #	19
31) Cyclohexane	7.62	56	23296	5.531	ug/l #	78
36) 1,1-Dichloropropene	7.62	75	21246	4.699	ug/l #	47
38) Carbon Tetrachloride	7.62	117	25212	5.247	ug/l #	16
39) Methylcyclohexane	9.05	83	7505	1.873	ug/l	90
40) Benzene	8.00	78	261705	20.774	ug/l	99
41) Methacrylonitrile	7.35	41	15704	9.050	ug/l #	1
42) 1,2-Dichloroethane	8.00	62	3356	0.619	ug/l	87
43) Isopropyl Acetate	8.10	43	2352	0.321	ug/l #	64
51) 4-Methyl-2-Pentanone	9.95	43	457	6.230	ug/l #	39
52) Toluene	10.12	92	1087858	140.206	ug/l	99
53) t-1,3-Dichloropropene	10.12	75	15042	2.809	ug/l #	1
56) Ethyl methacrylate	10.36	69	70	2.688	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.63	63	119	13.312	ug/l #	49
59) 2-Hexanone	10.57	43	4391	9.743	ug/l	75
67) Ethyl Benzene	11.48	91	1136830	65.989	ug/l	99
68) m/p-Xylenes	11.59	106	421951	61.928	ug/l	97
69) o-Xylene	11.92	106	165923	27.606	ug/l	100
70) Styrene	11.92	104	10280	3.369	ug/l #	1
71) Bromoform	12.35	173	89	2.477	ug/l #	29
73) Isopropylbenzene	12.22	105	162215	10.719	ug/l	98
76) 1,2,3-Trichloropropane	12.38	75	139419	30.358	ug/l #	100
78) n-propylbenzene	12.56	91	227885	12.931	ug/l	98
79) 2-Chlorotoluene	12.66	91	9209	0.816	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.70	105	98926	7.869	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	139419	77.369	ug/l #	5

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Quant Title : SW846 8260
QLast Update : Wed Nov 18 15:29:54 2020
Response via : Initial Calibration

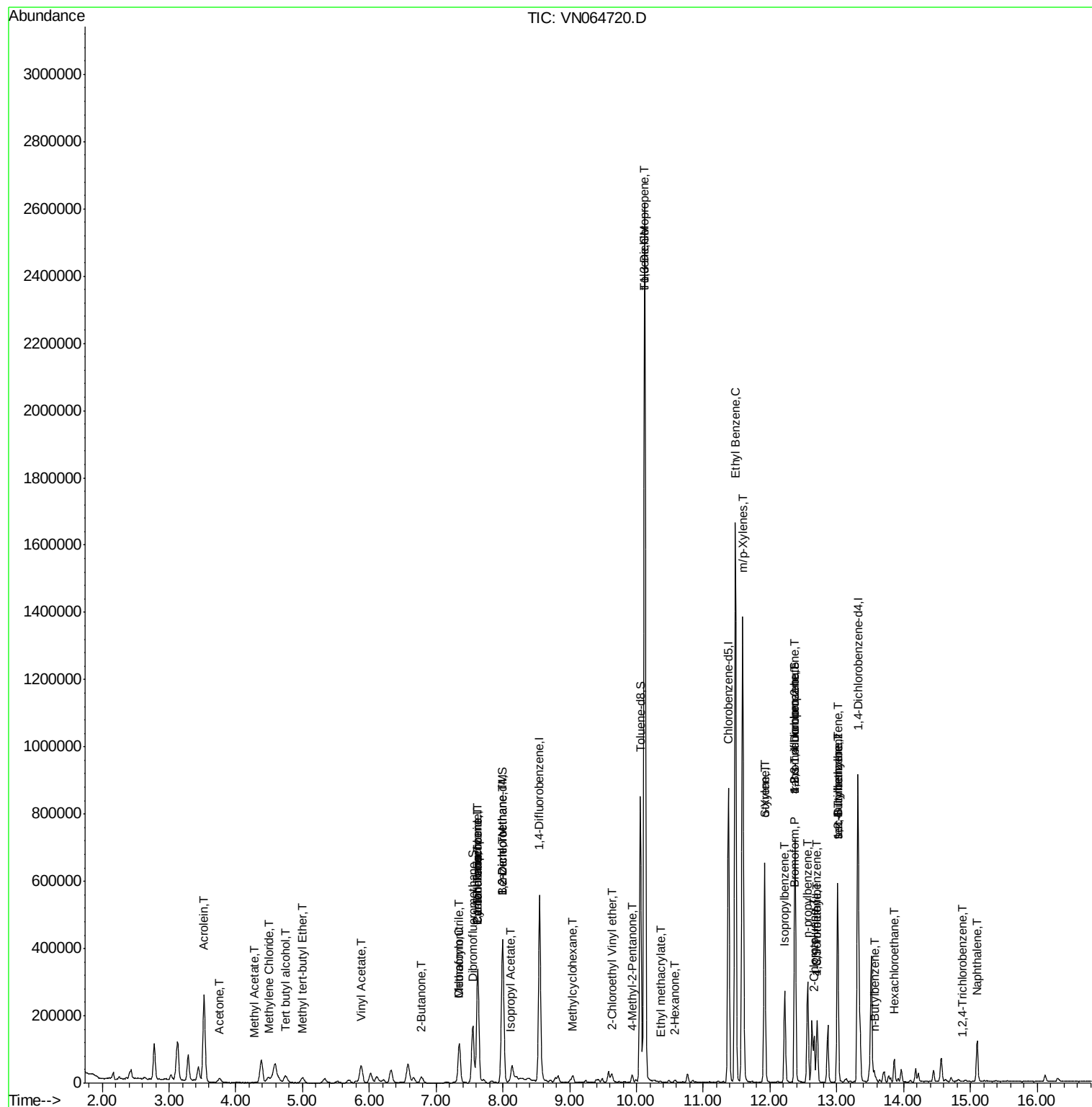
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.70	91	12232	1.017	ug/l #	43
83) tert-Butylbenzene	13.01	119	38896	4.000	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.01	105	319602	24.910	ug/l	98
85) sec-Butylbenzene	13.01	105	319602	24.656	ug/l #	58
89) n-Butylbenzene	13.59	91	6131	0.551	ug/l #	80
90) Hexachloroethane	13.86	117	4727	2.399	ug/l #	18
93) 1,2,4-Trichlorobenzene	14.88	180	31	1.340	ug/l #	1
95) Naphthalene	15.10	128	96672	8.070	ug/l	98

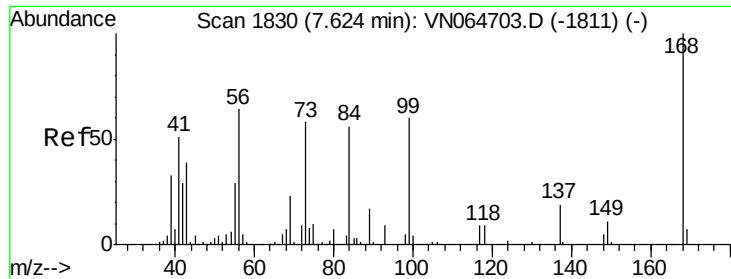
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064720.D

Acq: 18 Nov 2020 20:36

Instrument :

MSVOA_N

ClientSampleId :

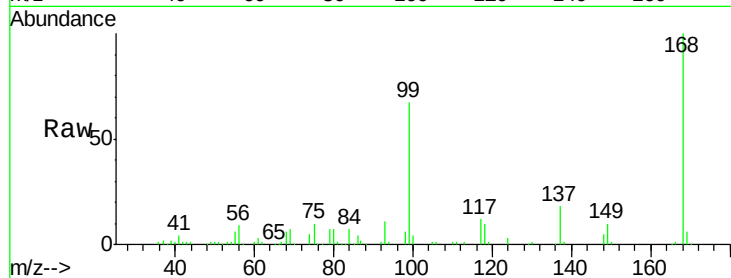
MW-1

Tot Ion:168 Resp: 221479

Ion Ratio Lower Upper

168 100

99 67.1 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

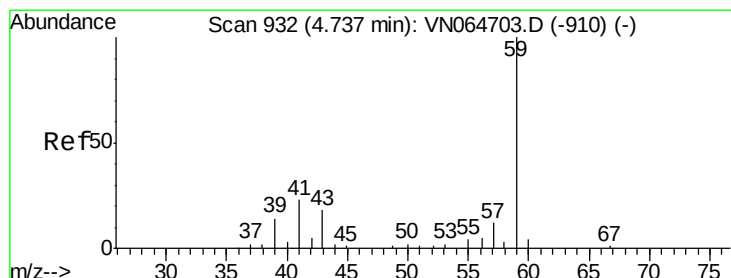
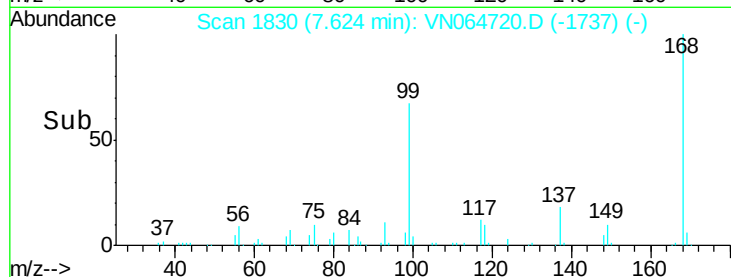
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#11

Tert butyl alcohol

Concen: 90.314 ug/l

RT: 4.74 min Scan# 933

Delta R.T. 0.00 min

Lab File: VN064720.D

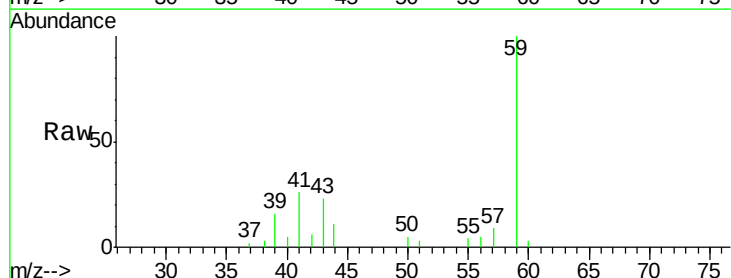
Acq: 18 Nov 2020 20:36

Tgt Ion: 59 Resp: 34138

Ion Ratio Lower Upper

59 100

57 2.3 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.74

10000

8000

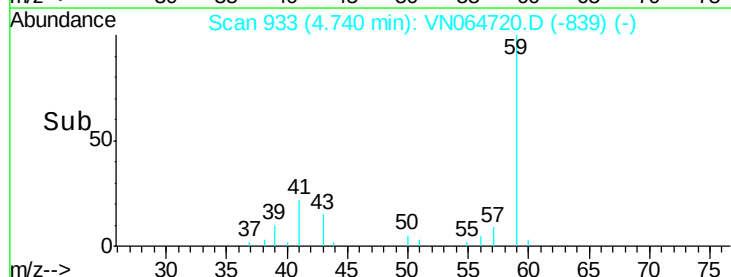
6000

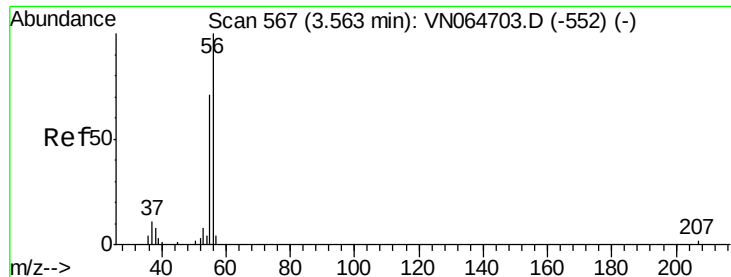
4000

2000

0

Time--> 4.70 4.75 4.80





#13

Acrolein

Concen: 110.772 ug/l

RT: 3.52 min Scan# 554

Delta R.T. -0.04 min

Lab File: VN064720.D

Acq: 18 Nov 2020 20:36

Instrument :

MSVOA_N

ClientSampleId :

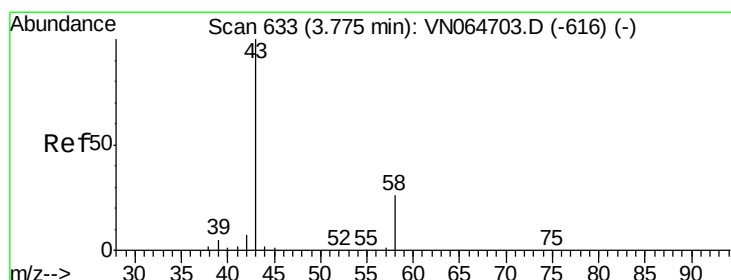
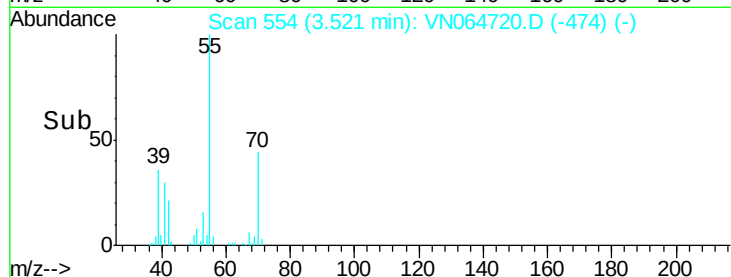
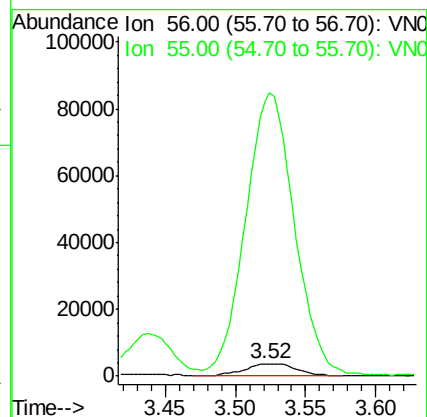
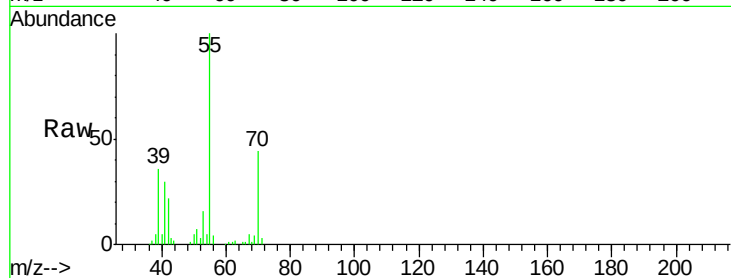
MW-1

Tot Ion: 56 Resp: 9803

Ion Ratio Lower Upper

56 100

55 2088.4 61.8 92.6#



#16

Acetone

Concen: 9.145 ug/l

RT: 3.75 min Scan# 625

Delta R.T. -0.03 min

Lab File: VN064720.D

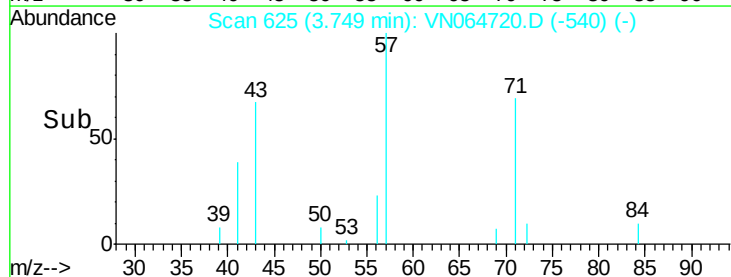
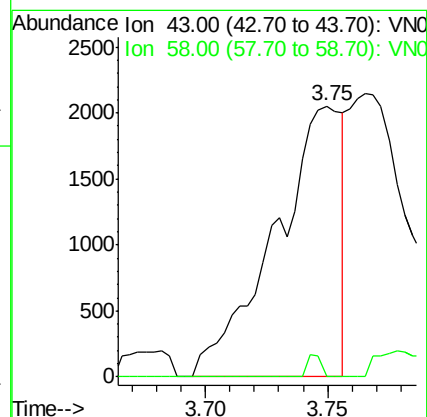
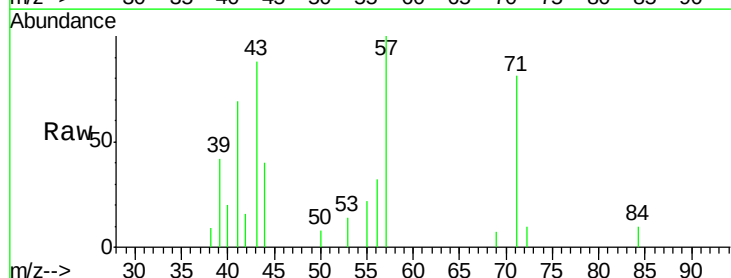
Acq: 18 Nov 2020 20:36

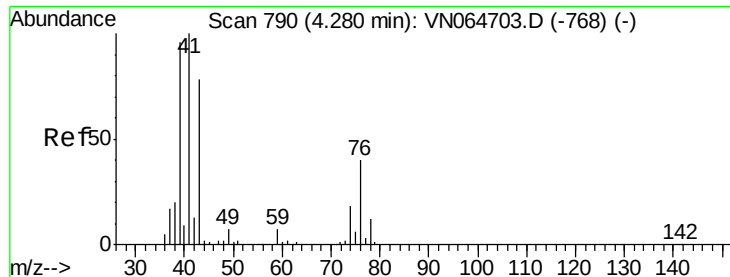
Tgt Ion: 43 Resp: 3926

Ion Ratio Lower Upper

43 100

58 0.0 21.2 31.8#

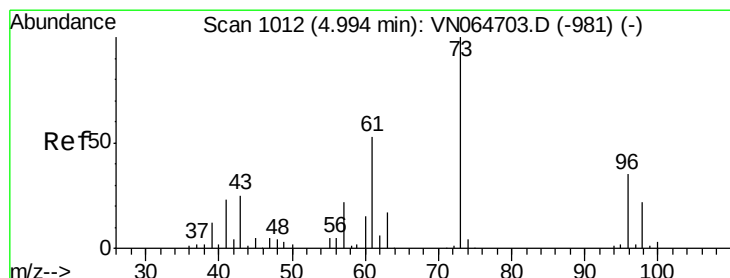
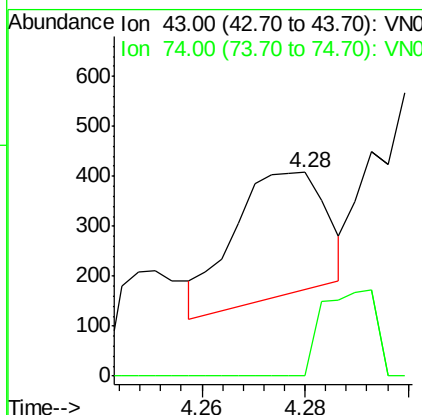
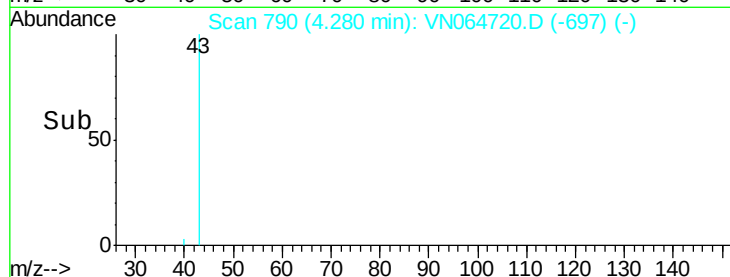
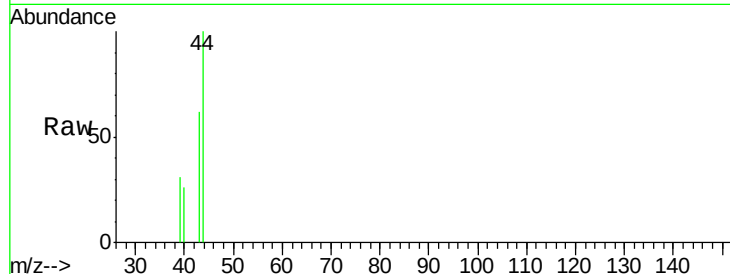




#18
Methyl Acetate
Concen: 1.440 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064720.D
Acq: 18 Nov 2020 20:36

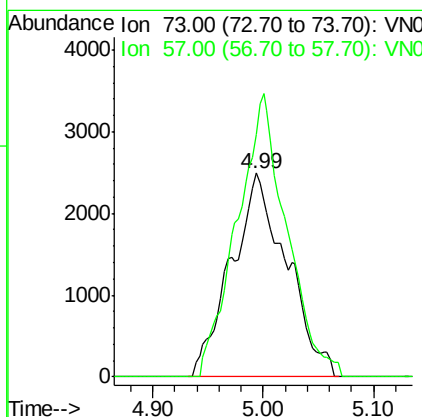
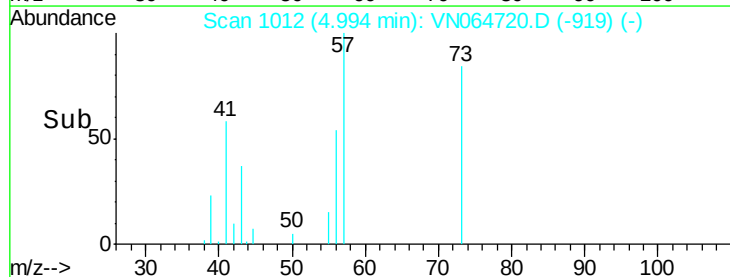
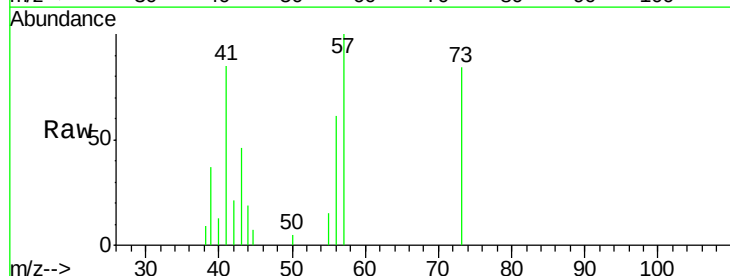
Instrument :
MSVOA_N
ClientSampled :
MW-1

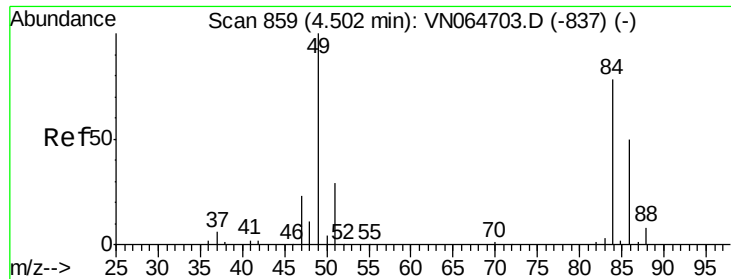
Tot Ion: 43 Resp: 310
Ion Ratio Lower Upper
43 100
74 40.0 17.6 26.4#



#19
Methyl tert-butyl Ether
Concen: 1.090 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064720.D
Acq: 18 Nov 2020 20:36

Tgt Ion: 73 Resp: 8685
Ion Ratio Lower Upper
73 100
57 118.8 17.3 25.9#





#20

Methvlene Chloride

Concen: 0.327 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN064720.D

Acq: 18 Nov 2020 20:36

Instrument :

MSVOA_N

ClientSampled :

MW-1

Tot Ion: 84 Resp: 944

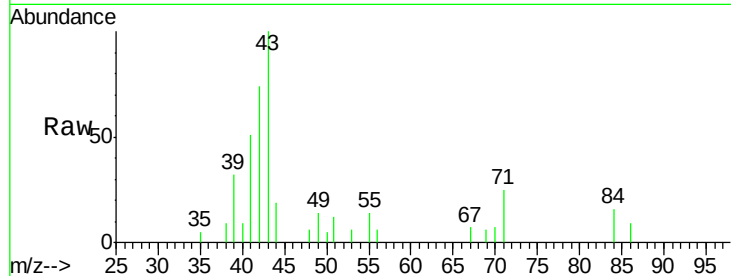
Ion Ratio Lower Upper

84 100

49 89.6 102.4 153.6#

51 47.6 29.4 44.2#

86 22.3 51.2 76.8#

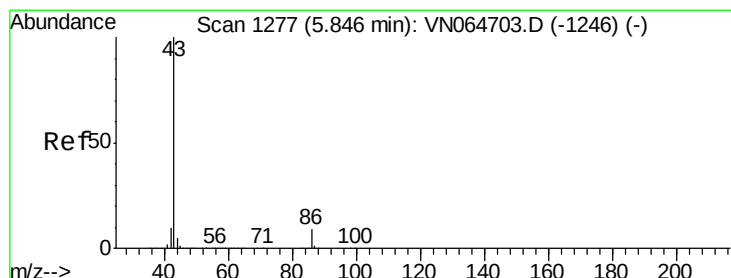
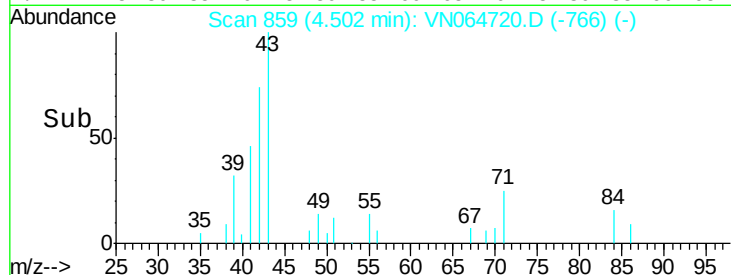
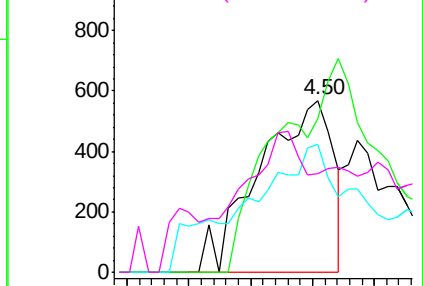


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#23

Vinyl Acetate

Concen: 0.259 ug/l

RT: 5.87 min Scan# 1284

Delta R.T. 0.02 min

Lab File: VN064720.D

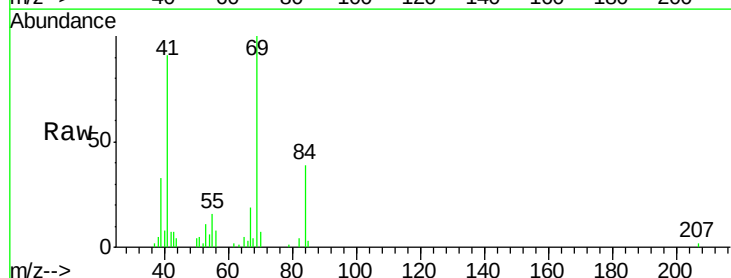
Acq: 18 Nov 2020 20:36

Tgt Ion: 43 Resp: 1808

Ion Ratio Lower Upper

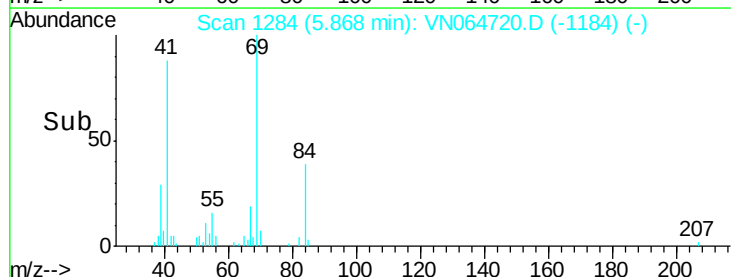
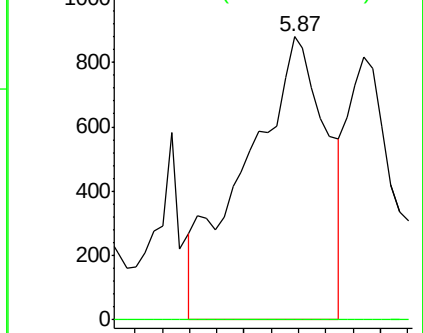
43 100

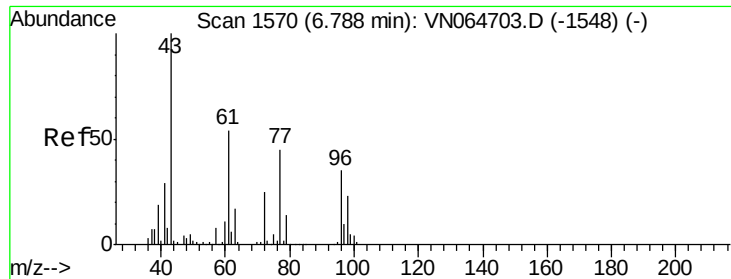
86 0.0 7.4 11.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#25

2-Butanone

Concen: 0.335 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

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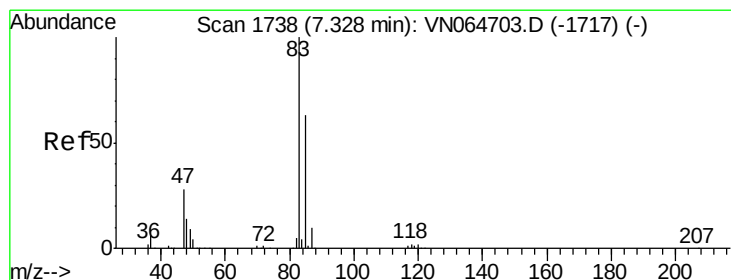
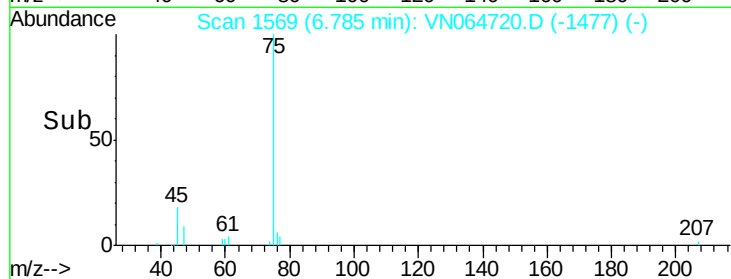
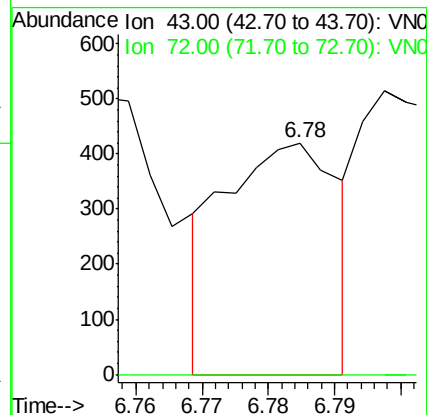
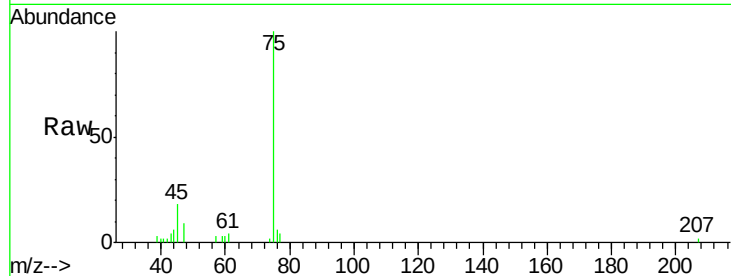
MW-1

Tot Ion: 43 Resp: 499

Ion Ratio Lower Upper

43 100

72 0.0 19.7 29.5#



#30

Chloroform

Concen: 0.418 ug/l

RT: 7.34 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VN064720.D

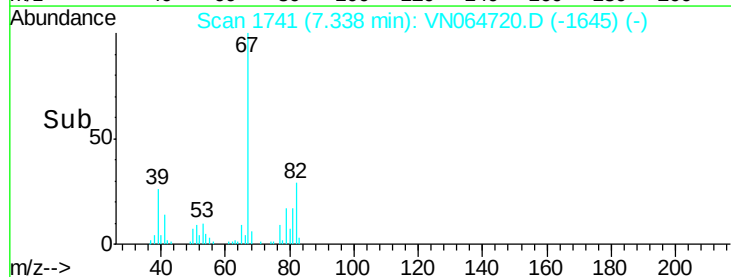
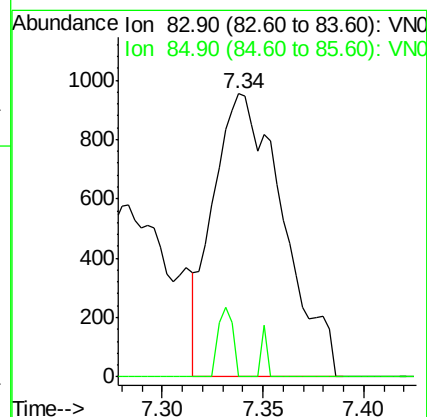
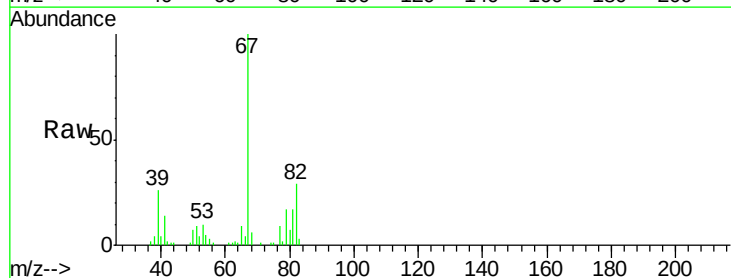
Acq: 18 Nov 2020 20:36

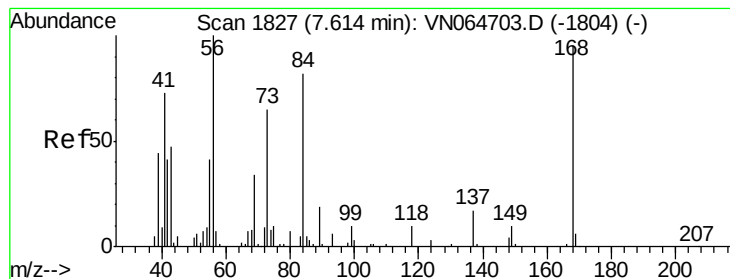
Tgt Ion: 83 Resp: 2296

Ion Ratio Lower Upper

83 100

85 0.0 50.6 75.8#





#31

Cyclohexane

Concen: 5.531 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN064720.D

Acq: 18 Nov 2020 20:36

Instrument :

MSVOA_N

ClientSampled :

MW-1

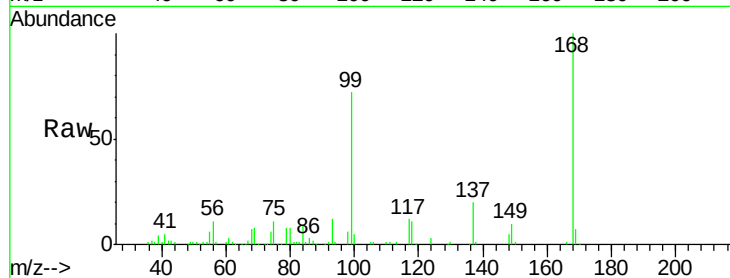
Tot Ion: 56 Resp: 23296

Ion Ratio Lower Upper

56 100

69 68.1 27.2 40.8#

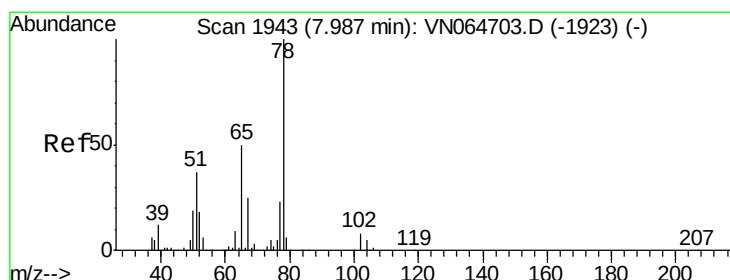
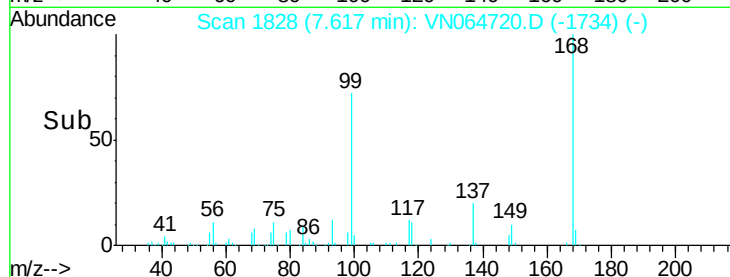
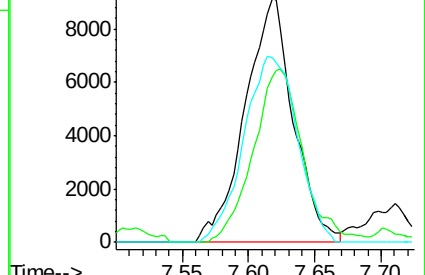
84 76.0 65.9 98.9



Abundance Ion 56.00 (55.70 to 56.70): VN064720.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN064720.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN064720.D (-1734) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.024 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064720.D

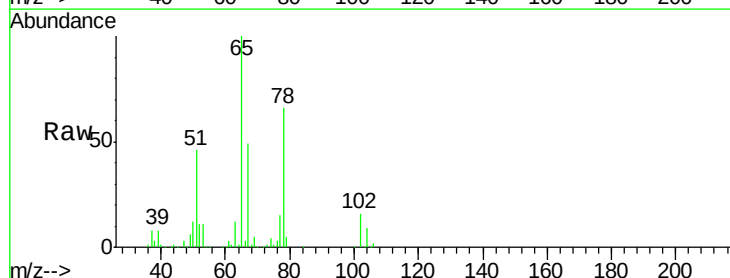
Acq: 18 Nov 2020 20:36

Tgt Ion: 65 Resp: 202694

Ion Ratio Lower Upper

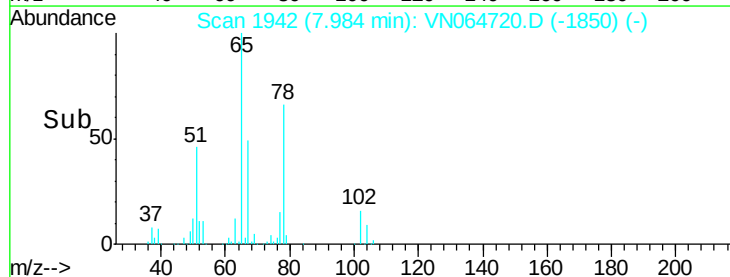
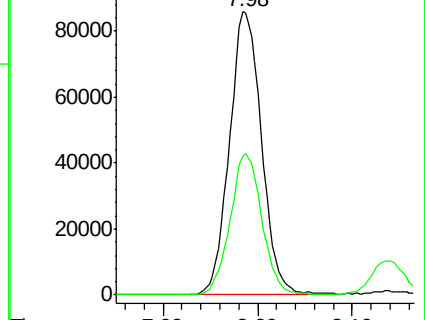
65 100

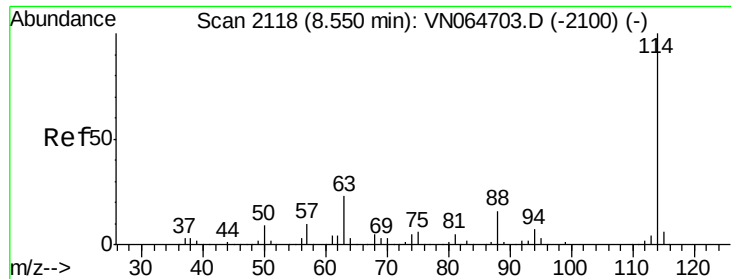
67 49.4 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VN064720.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064720.D (-1850) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064720.D

Acq: 18 Nov 2020 20:36

Instrument :

MSVOA_N

ClientSampled :

MW-1

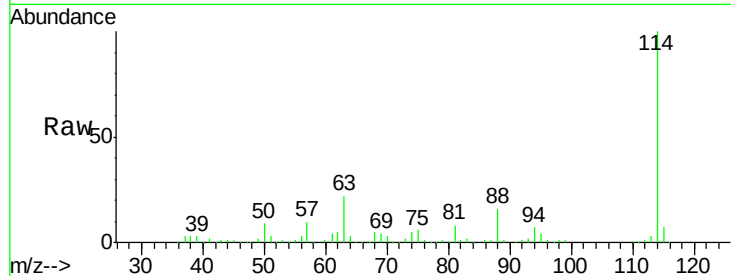
Tot Ion:114 Resp: 439476

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.0

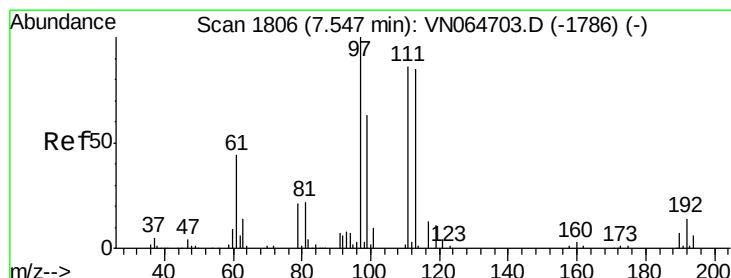
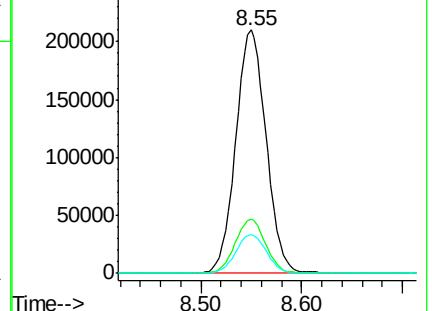
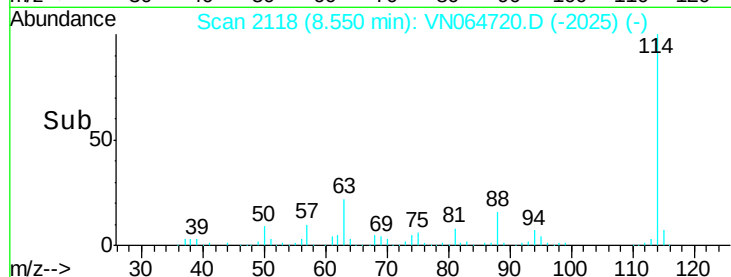
88 15.9 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.660 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064720.D

Acq: 18 Nov 2020 20:36

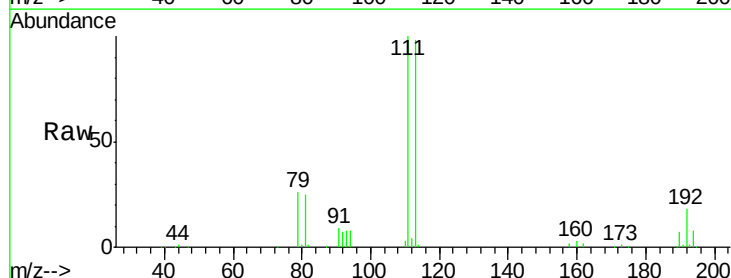
Tgt Ion:113 Resp: 126721

Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.4

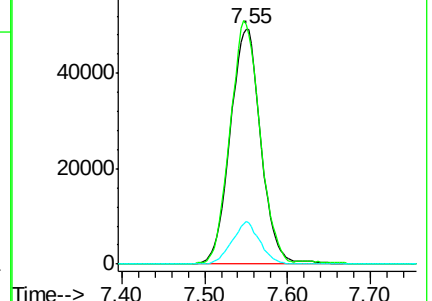
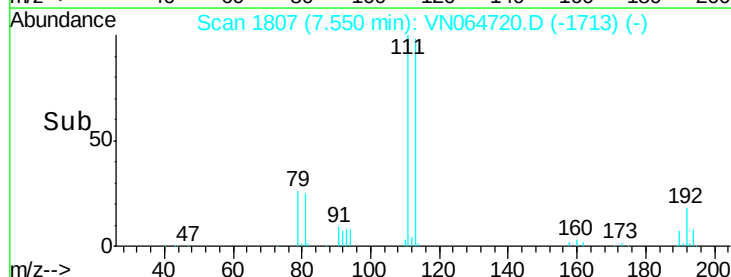
192 16.3 12.7 19.1

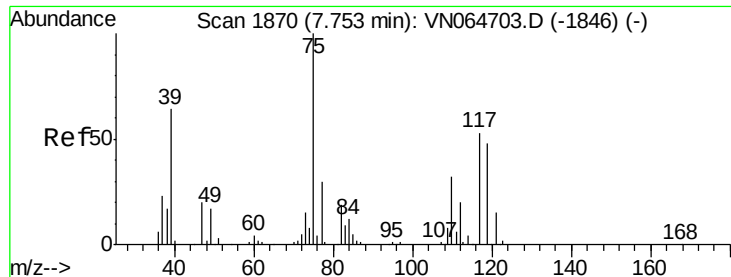


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

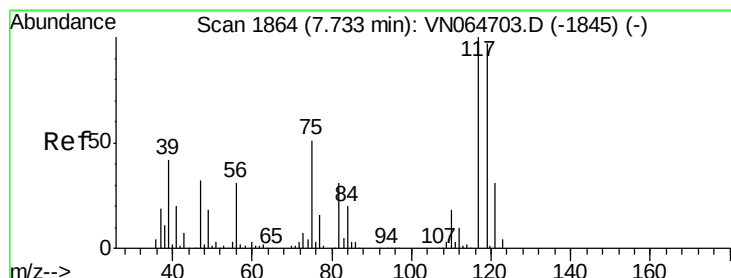
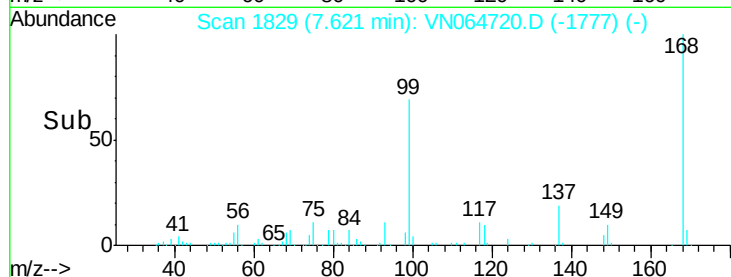
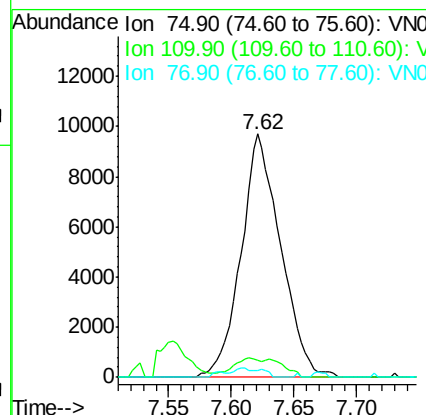
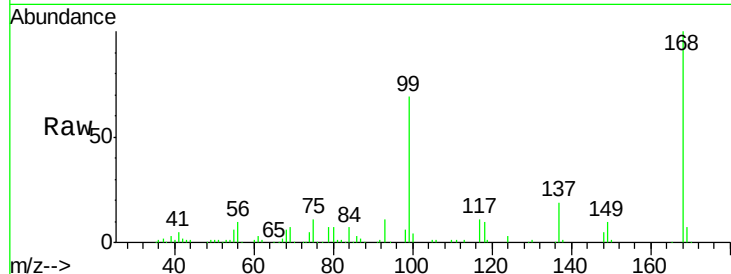




#36
 1,1-Dichloropropene
 Concen: 4.699 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN064720.D
 Acq: 18 Nov 2020 20:36

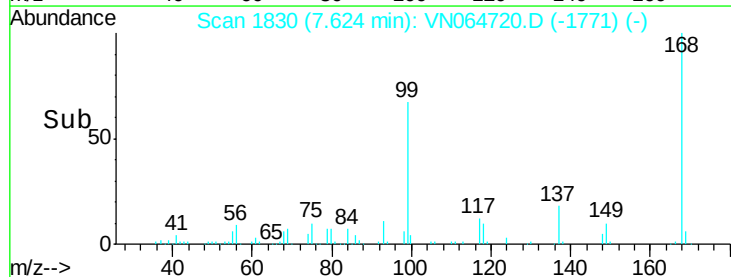
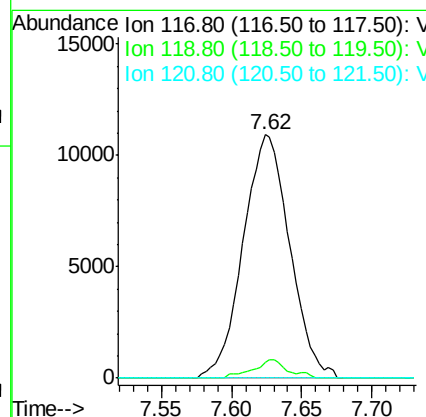
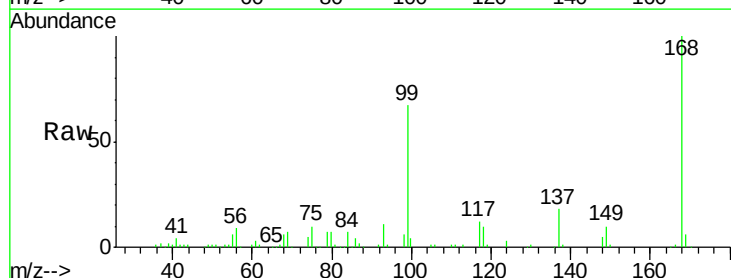
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

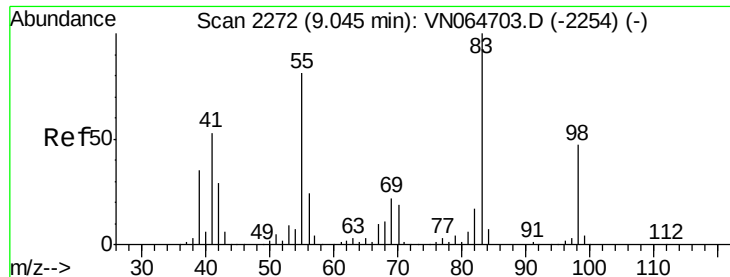
Tot Ion: 75 Resp: 21246
 Ion Ratio Lower Upper
 75 100
 110 3.9 16.2 48.6#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.247 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN064720.D
 Acq: 18 Nov 2020 20:36

Tgt Ion: 117 Resp: 25212
 Ion Ratio Lower Upper
 117 100
 119 6.3 77.8 116.6#
 121 0.0 24.9 37.3#

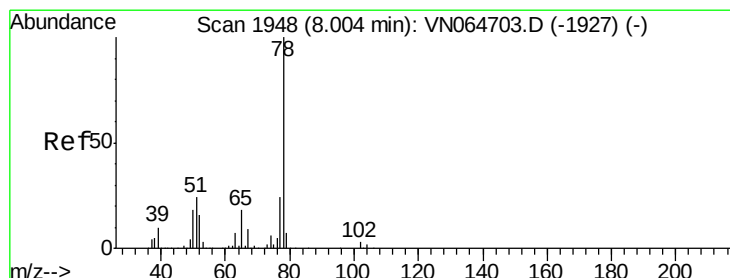
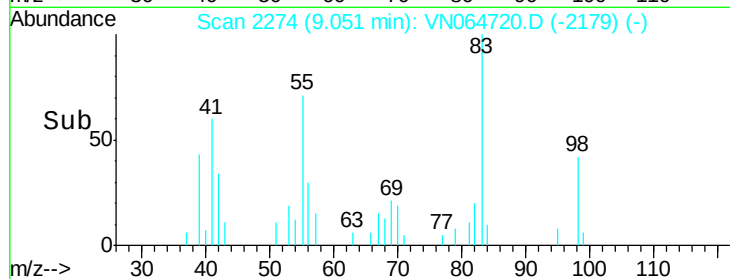
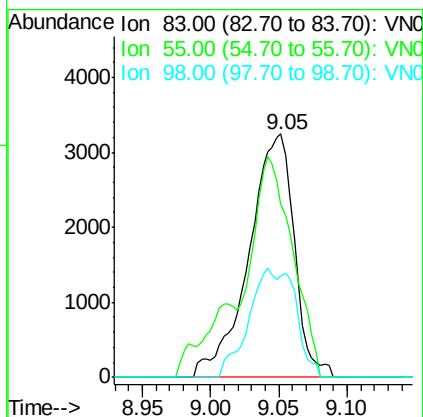
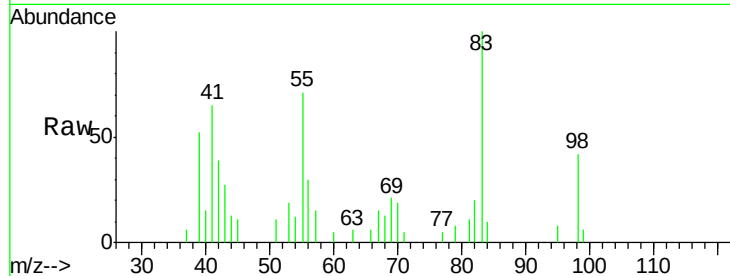




#39
Methylvlcyclohexane
Concen: 1.873 ug/l
RT: 9.05 min Scan# 2274
Delta R.T. 0.01 min
Lab File: VN064720.D
Acq: 18 Nov 2020 20:36

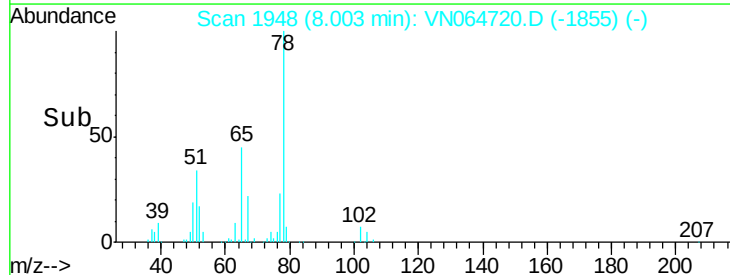
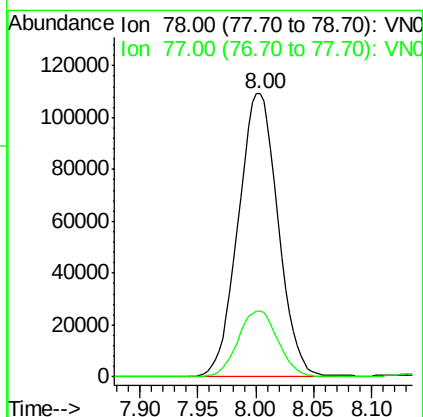
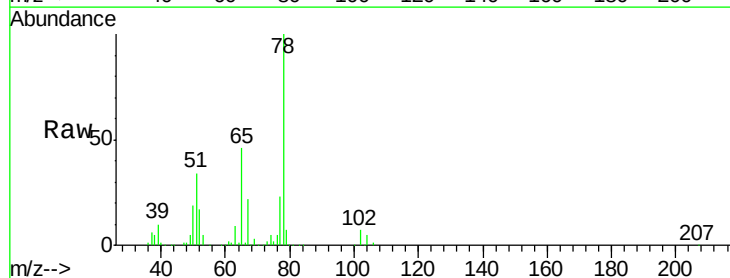
Instrument :
MSVOA_N
ClientSampled :
MW-1

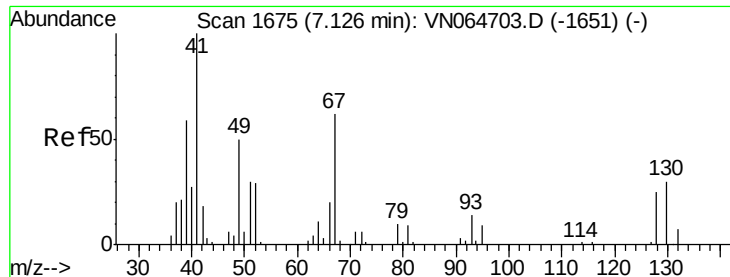
Tot Ion: 83 Resp: 7505
Ion Ratio Lower Upper
83 100
55 71.3 64.6 97.0
98 41.7 37.7 56.5



#40
Benzene
Concen: 20.774 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064720.D
Acq: 18 Nov 2020 20:36

Tgt Ion: 78 Resp: 261705
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8





#41

Methacrylonitrile

Concen: 9.050 ug/l

RT: 7.35 min Scan# 1744

Delta R.T. 0.22 min

Lab File: VN064720.D

Acq: 18 Nov 2020 20:36

Instrument :

MSVOA_N

ClientSampleId :

MW-1

Tot Ion: 41 Resp: 15704

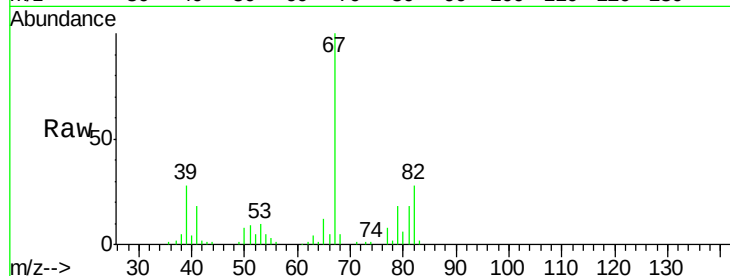
Ion Ratio Lower Upper

41 100

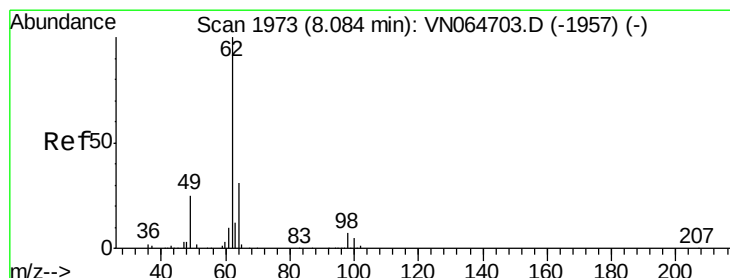
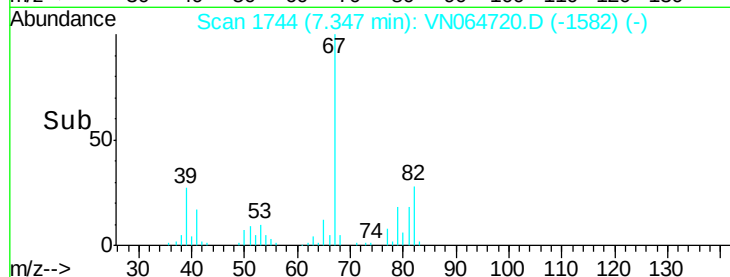
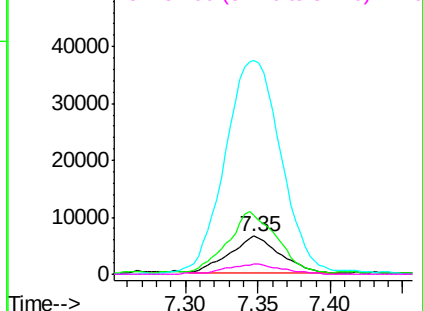
39 161.7 46.0 69.0#

67 646.1 67.0 100.4#

52 30.2 31.7 47.5#



Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 0.619 ug/l

RT: 8.00 min Scan# 1946

Delta R.T. -0.09 min

Lab File: VN064720.D

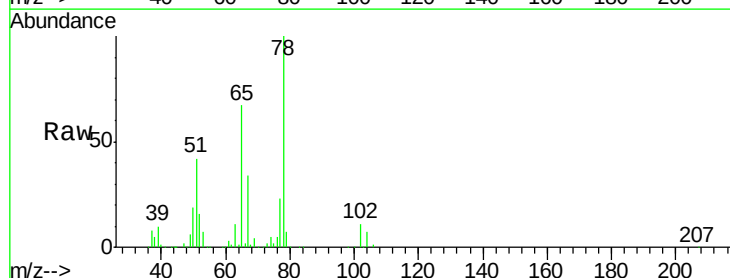
Acq: 18 Nov 2020 20:36

Tgt Ion: 62 Resp: 3356

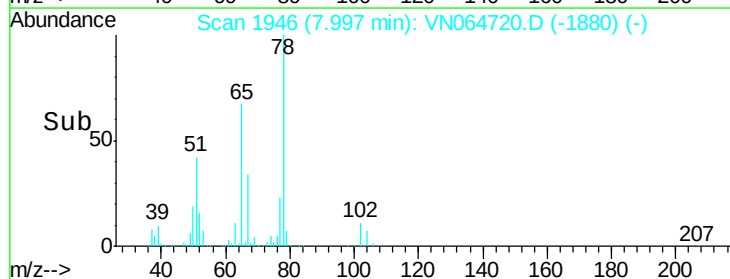
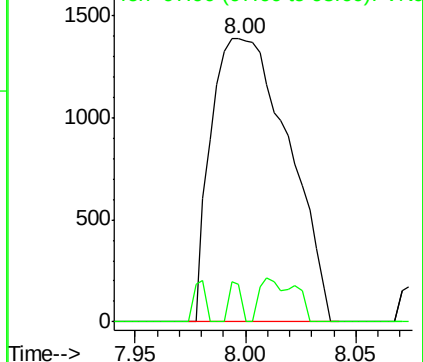
Ion Ratio Lower Upper

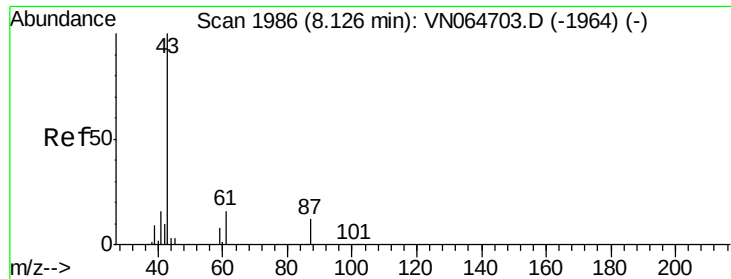
62 100

98 2.2 0.0 13.6



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 0.321 ug/l

RT: 8.10 min Scan# 1978

Delta R.T. -0.03 min

Lab File: VN064720.D

Acq: 18 Nov 2020 20:36

Instrument :

MSVOA_N

ClientSampled :

MW-1

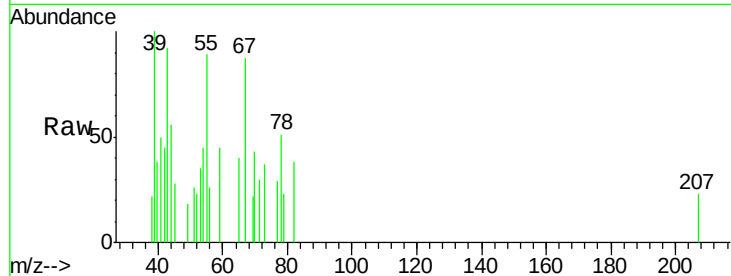
Tot Ion: 43 Resp: 2352

Ion Ratio Lower Upper

43 100

61 0.0 14.1 21.1#

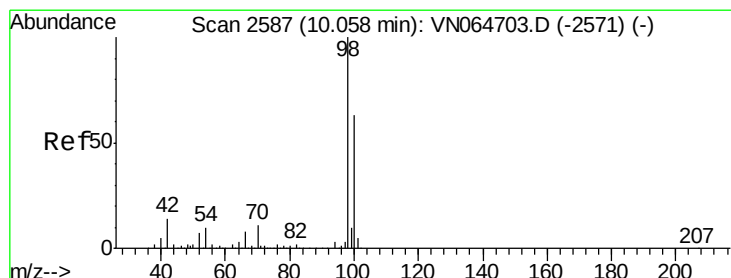
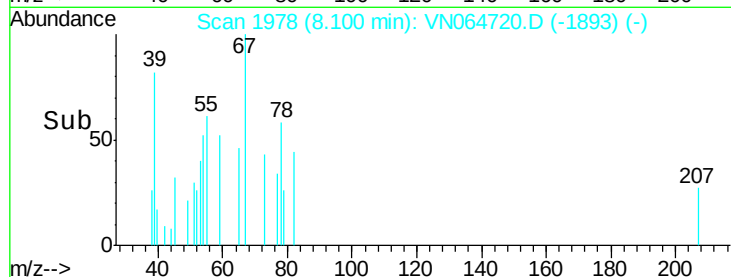
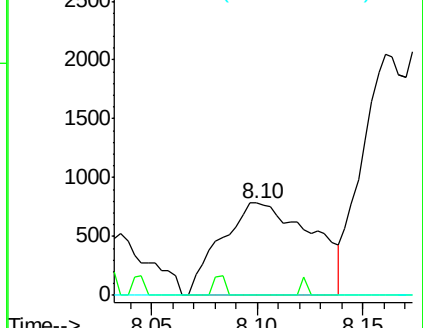
87 0.0 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN064720.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN064720.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN064720.D (-1964) (-)



#50

Toluene-d8

Concen: 49.939 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064720.D

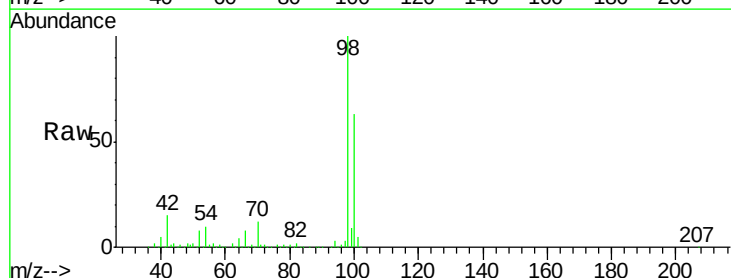
Acq: 18 Nov 2020 20:36

Tgt Ion: 98 Resp: 567723

Ion Ratio Lower Upper

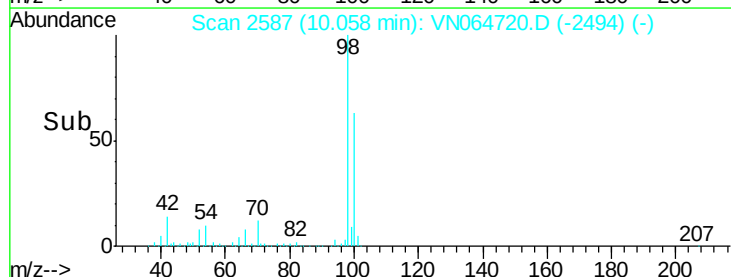
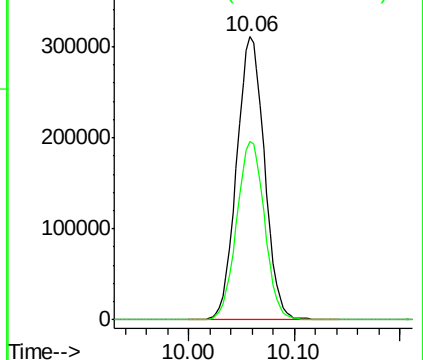
98 100

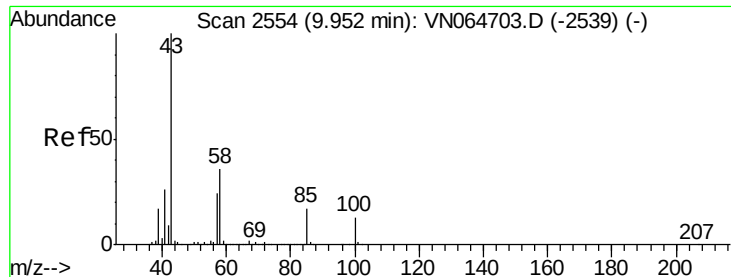
100 63.0 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN064720.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064720.D (-2571) (-)

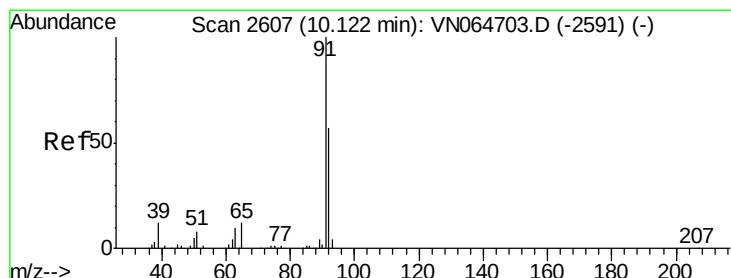
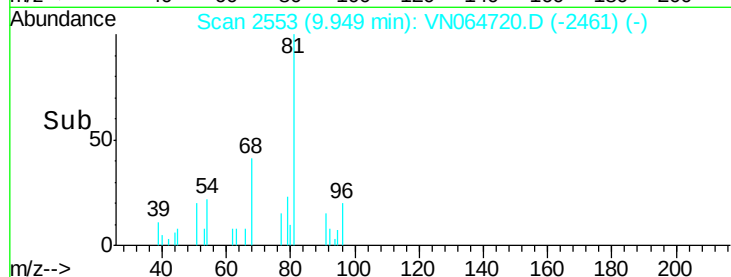
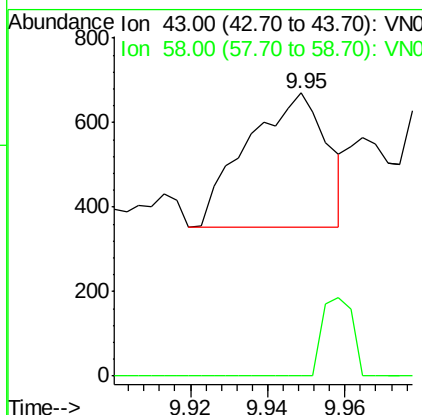
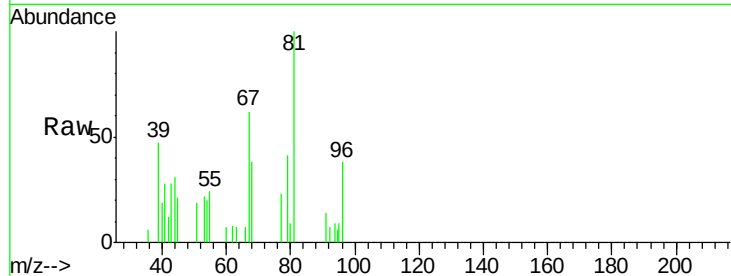




#51
 4-Methyl-2-Pentanone
 Concen: 6.230 ug/l
 RT: 9.95 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN064720.D
 Acq: 18 Nov 2020 20:36

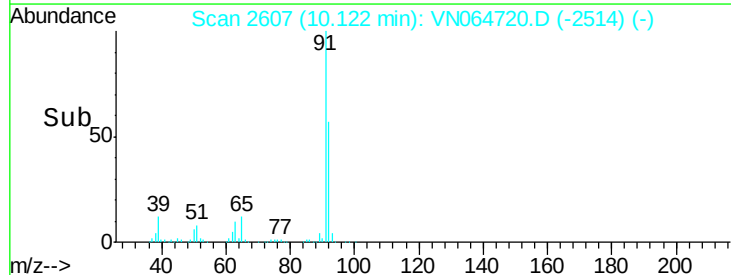
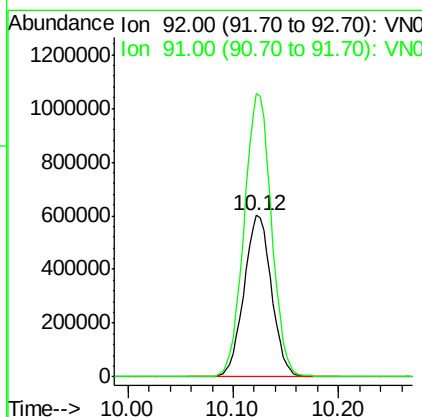
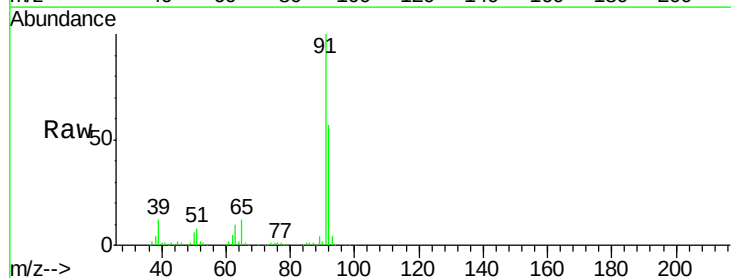
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

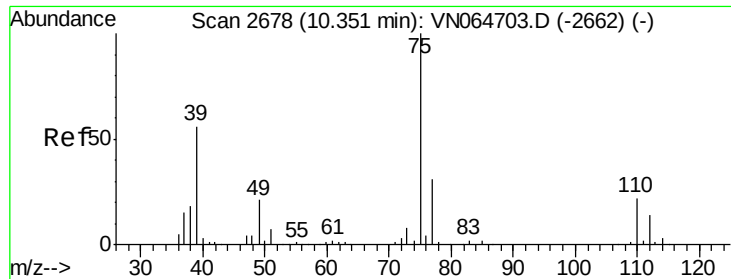
Tot Ion: 43 Resp: 457
 Ion Ratio Lower Upper
 43 100
 58 0.0 28.5 42.7#



#52
 Toluene
 Concen: 140.206 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN064720.D
 Acq: 18 Nov 2020 20:36

Tgt Ion: 92 Resp: 1087858
 Ion Ratio Lower Upper
 92 100
 91 175.5 141.2 211.8

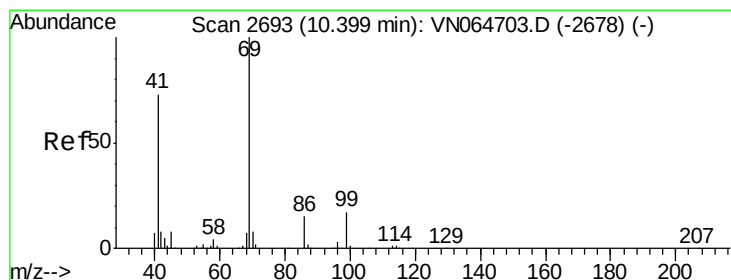
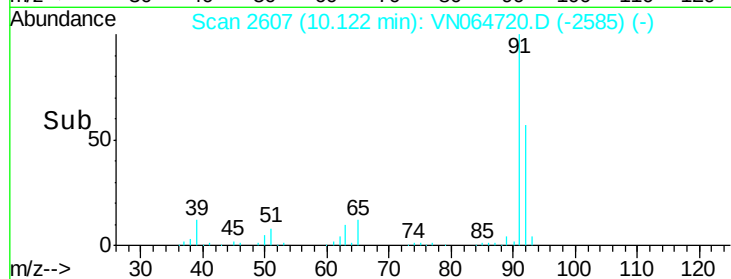
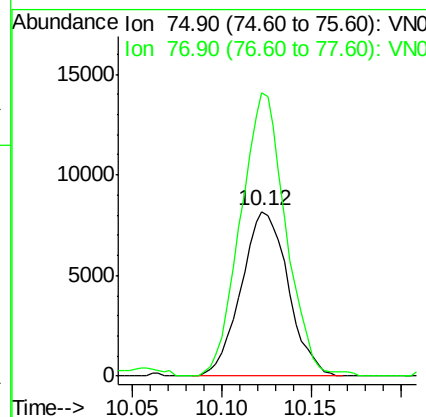
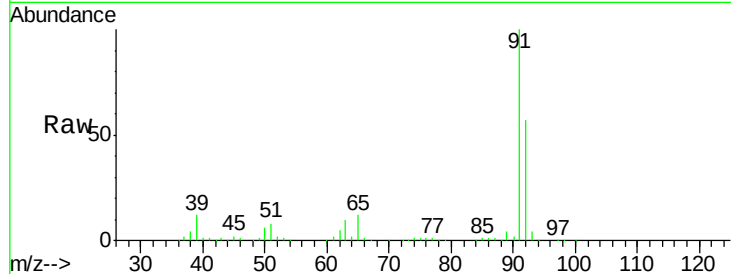




#53
t-1,3-Dichloropropene
Concen: 2.809 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.23 min
Lab File: VN064720.D
Acq: 18 Nov 2020 20:36

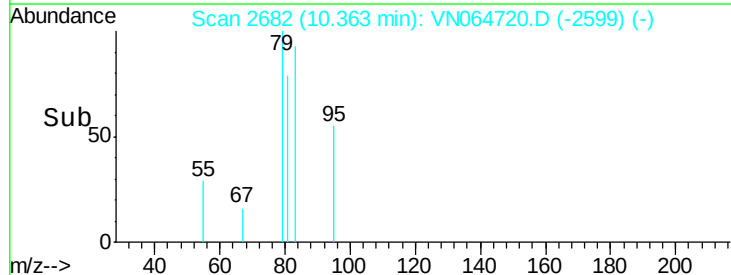
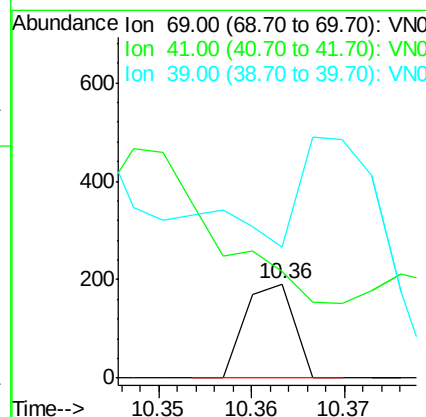
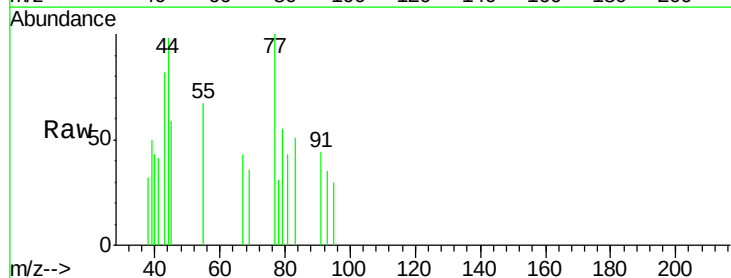
Instrument :
MSVOA_N
ClientSampled :
MW-1

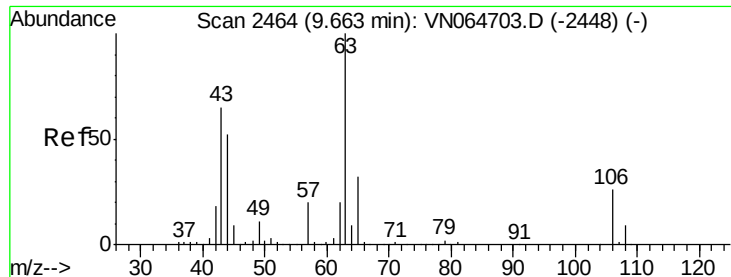
Tot Ion: 75 Resp: 15042
Ion Ratio Lower Upper
75 100
77 171.7 25.4 38.0#



#56
Ethyl methacrylate
Concen: 2.688 ug/l
RT: 10.36 min Scan# 2682
Delta R.T. -0.03 min
Lab File: VN064720.D
Acq: 18 Nov 2020 20:36

Tgt Ion: 69 Resp: 70
Ion Ratio Lower Upper
69 100
41 862.9 59.0 88.4#
39 0.0 38.4 57.6#

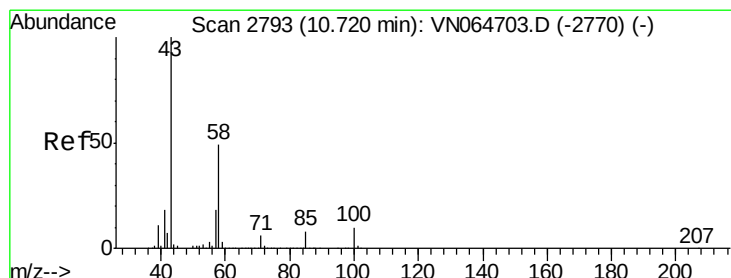
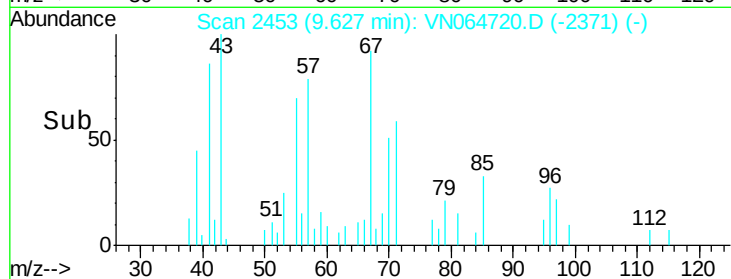
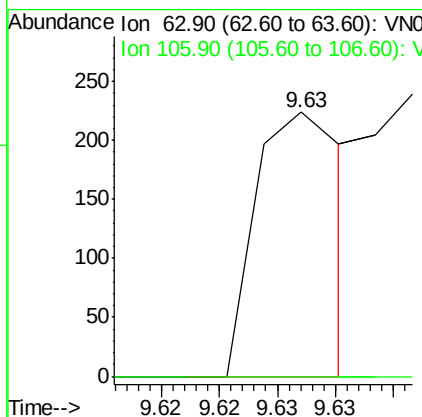
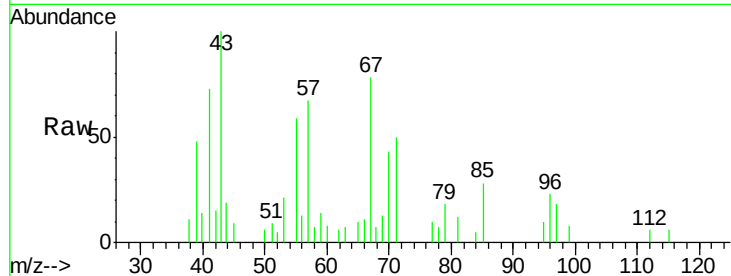




#58
2-Chloroethyl Vinyl ether
Concen: 13.312 ug/l
RT: 9.63 min Scan# 2453
Delta R.T. -0.04 min
Lab File: VN064720.D
Acq: 18 Nov 2020 20:36

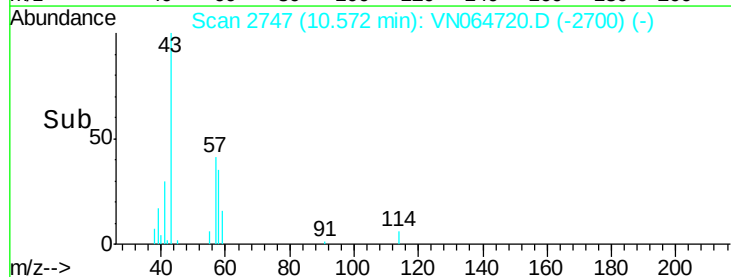
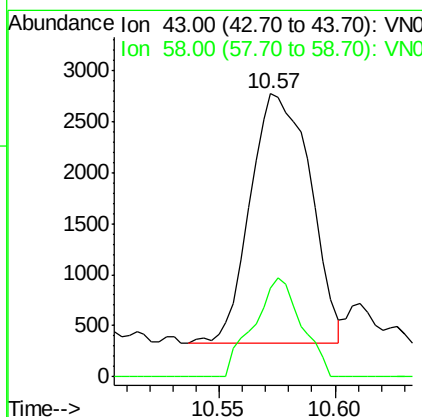
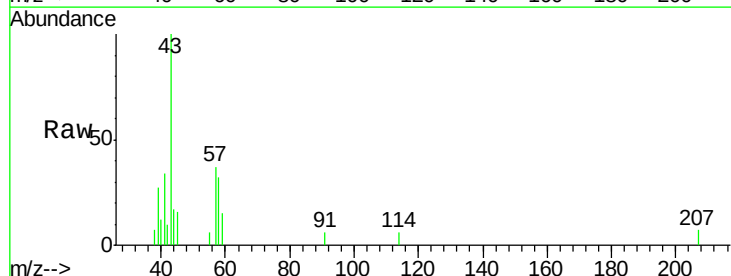
Instrument :
MSVOA_N
ClientSampled :
MW-1

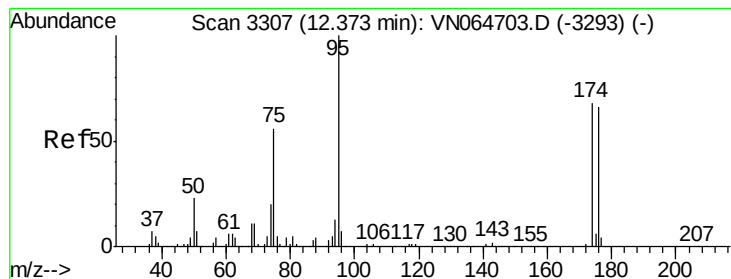
Tot Ion: 63 Resp: 119
Ion Ratio Lower Upper
63 100
106 0.0 20.9 31.3#



#59
2-Hexanone
Concen: 9.743 ug/l
RT: 10.57 min Scan# 2747
Delta R.T. -0.15 min
Lab File: VN064720.D
Acq: 18 Nov 2020 20:36

Tgt Ion: 43 Resp: 4391
Ion Ratio Lower Upper
43 100
58 31.6 24.4 73.4





#62

4-Bromofluorobenzene

Concen: 57.308 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064720.D

Acq: 18 Nov 2020 20:36

Instrument :

MSVOA_N

ClientSampled :

MW-1

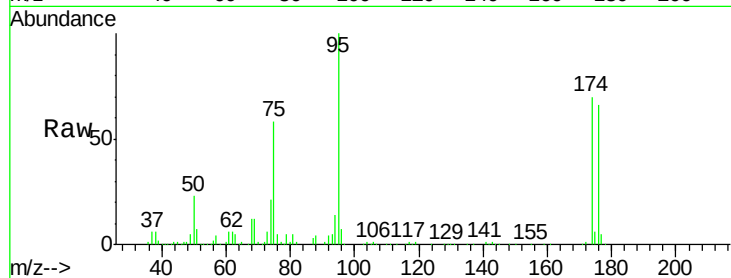
Tot Ion: 95 Resp: 243518

Ion Ratio Lower Upper

95 100

174 69.6 0.0 136.8

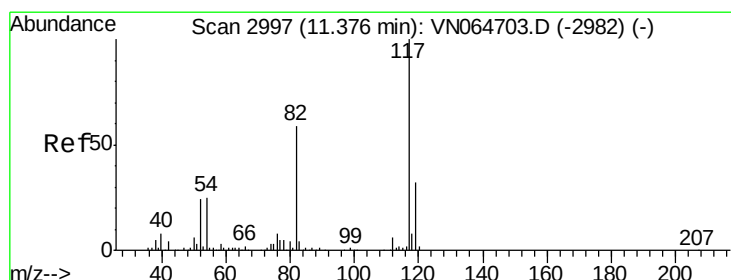
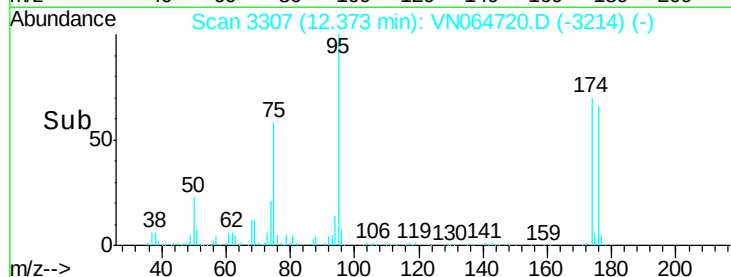
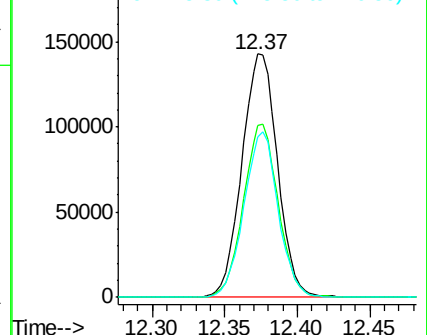
176 65.4 0.0 134.2



Abundance Ion 94.90 (94.60 to 95.60): VN064720.D (-3214) (-)

Ion 173.80 (173.50 to 174.50): VN064720.D (-3214) (-)

Ion 175.80 (175.50 to 176.50): VN064720.D (-3214) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064720.D

Acq: 18 Nov 2020 20:36

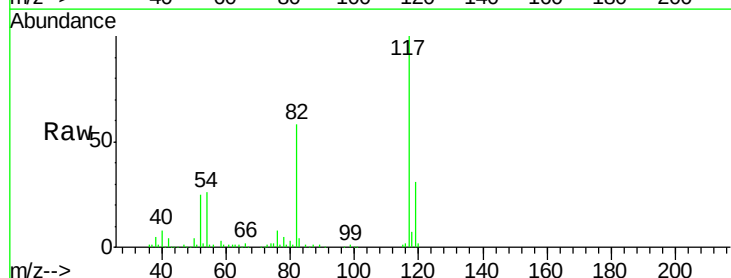
Tgt Ion: 117 Resp: 459336

Ion Ratio Lower Upper

117 100

82 57.6 47.0 70.6

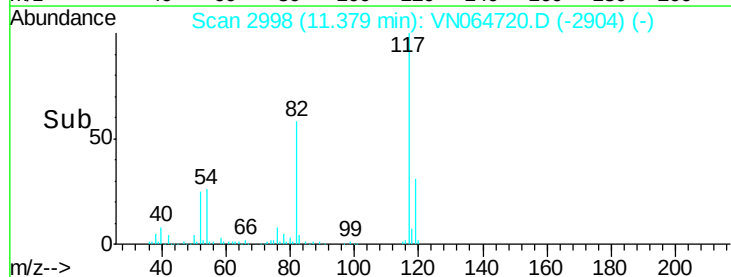
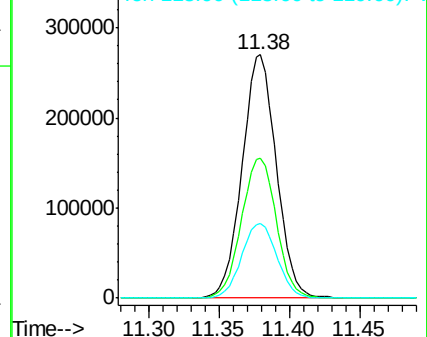
119 30.7 25.4 38.2

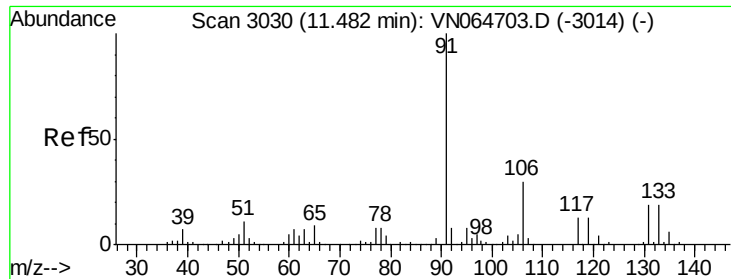


Abundance Ion 116.90 (116.60 to 117.60): VN064720.D (-2904) (-)

Ion 82.00 (81.70 to 82.70): VN064720.D (-2904) (-)

Ion 118.90 (118.60 to 119.60): VN064720.D (-2904) (-)





#67

Ethyl Benzene

Concen: 65.989 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064720.D

Acq: 18 Nov 2020 20:36

Instrument :

MSVOA_N

ClientSampled :

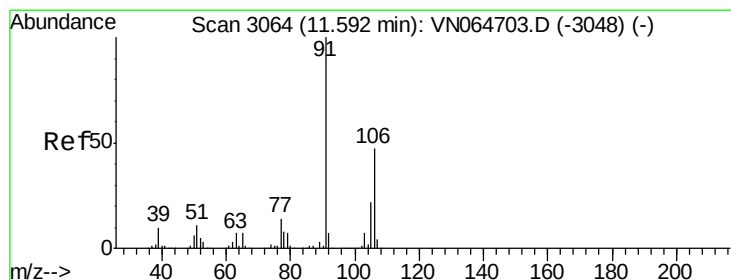
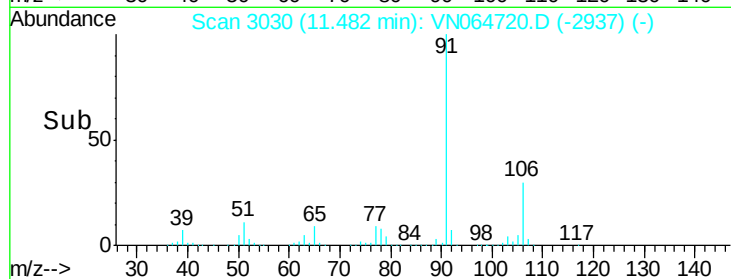
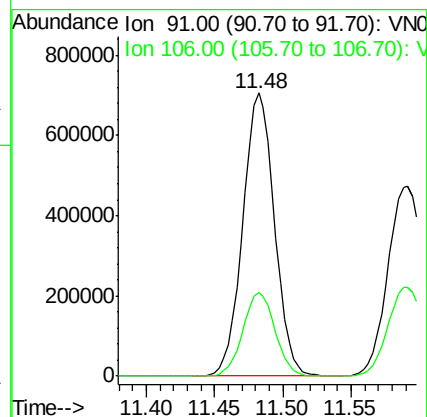
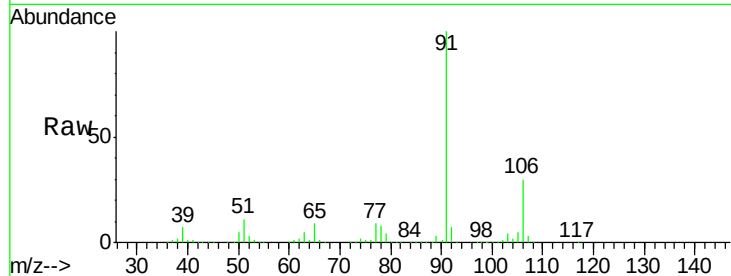
MW-1

Tot Ion: 91 Resp: 1136830

Ion Ratio Lower Upper

91 100

106 29.5 23.9 35.9



#68

m/p-Xylenes

Concen: 61.928 ug/l

RT: 11.59 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN064720.D

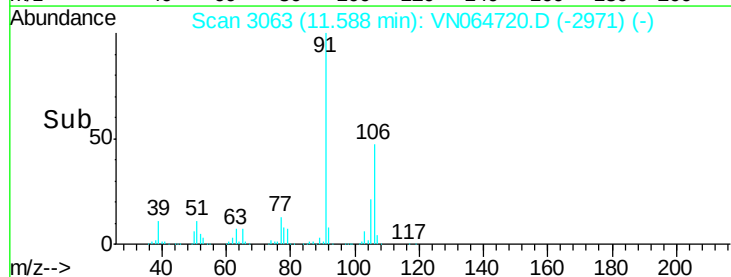
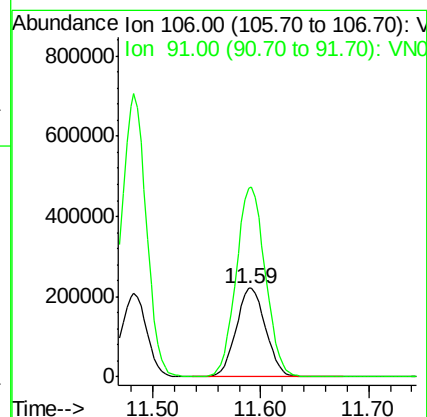
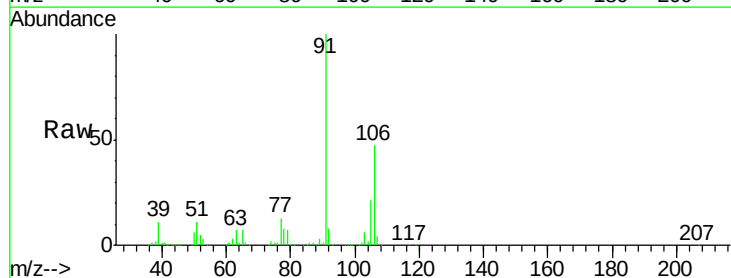
Acq: 18 Nov 2020 20:36

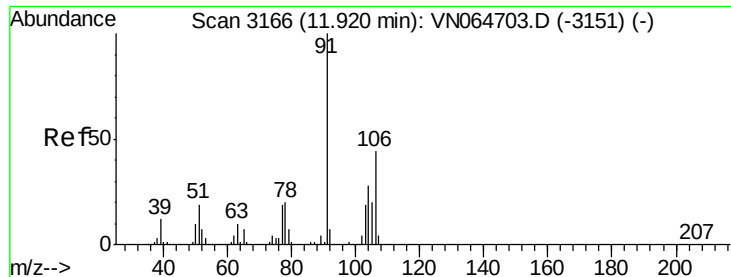
Tgt Ion: 106 Resp: 421951

Ion Ratio Lower Upper

106 100

91 210.8 171.9 257.9

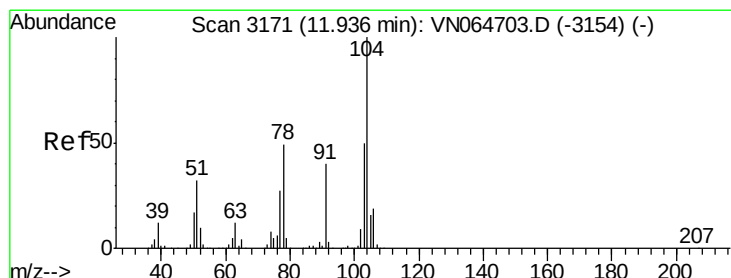
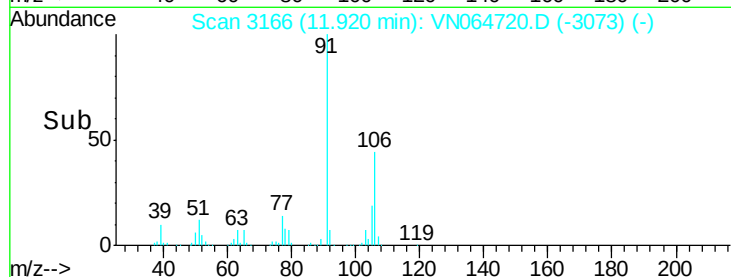
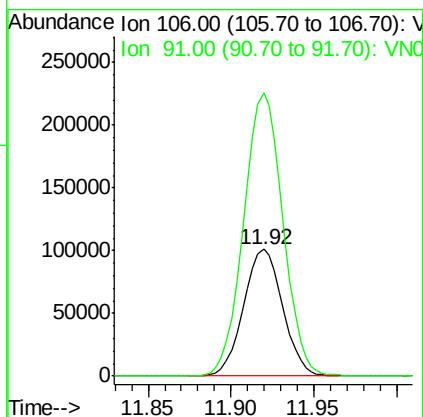
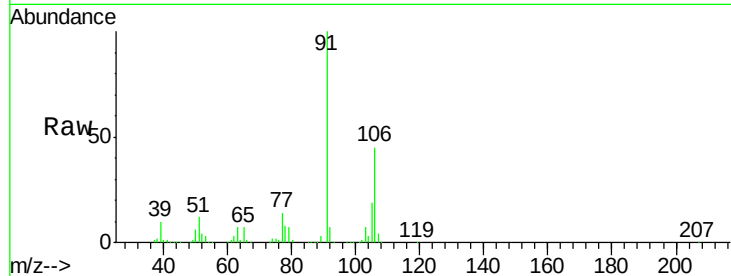




#69
o-Xylene
Concen: 27.606 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064720.D
Acq: 18 Nov 2020 20:36

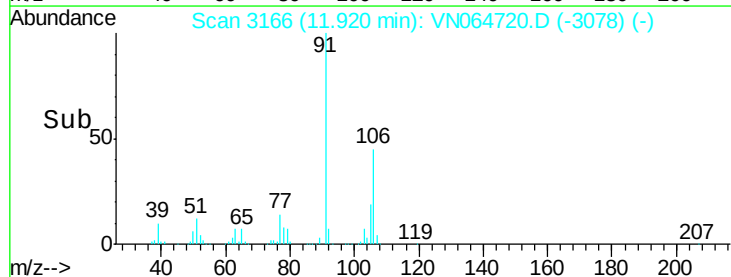
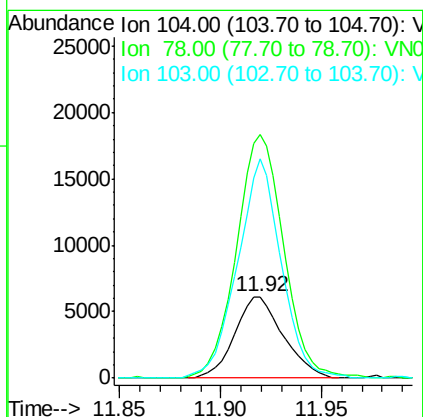
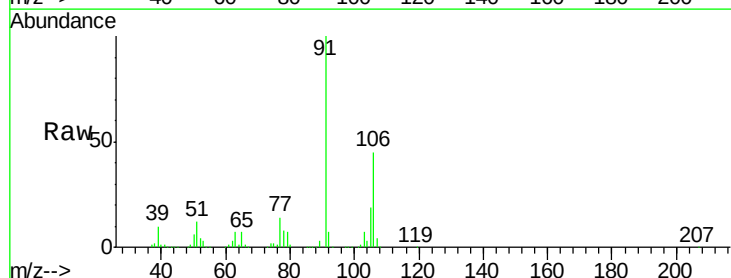
Instrument :
MSVOA_N
ClientSampled :
MW-1

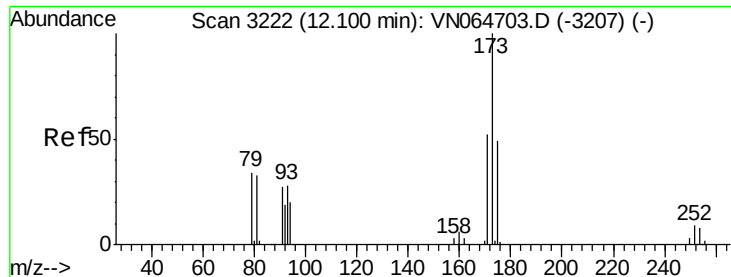
Tot Ion:106 Resp: 165923
Ion Ratio Lower Upper
106 100
91 224.5 112.1 336.3



#70
Styrene
Concen: 3.369 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.02 min
Lab File: VN064720.D
Acq: 18 Nov 2020 20:36

Tgt Ion:104 Resp: 10280
Ion Ratio Lower Upper
104 100
78 293.1 44.1 66.1#
103 243.6 43.7 65.5#





#71

Bromoform

Concen: 2.477 ug/l

RT: 12.35 min Scan# 3301

Delta R.T. 0.25 min

Lab File: VN064720.D

Acq: 18 Nov 2020 20:36

Instrument :

MSVOA_N

ClientSampled :

MW-1

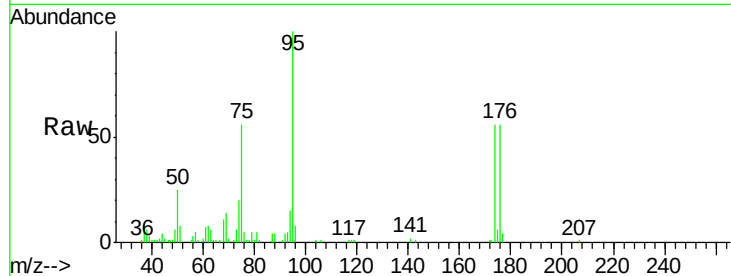
Tot Ion:173 Resp: 89

Ion Ratio Lower Upper

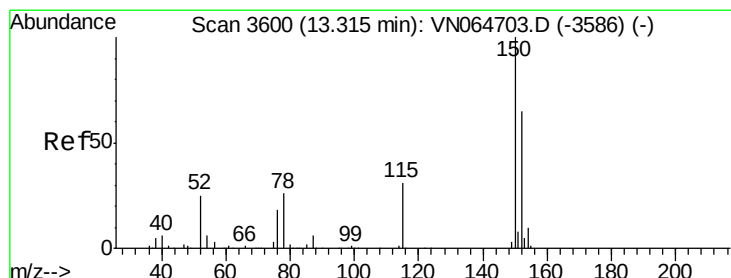
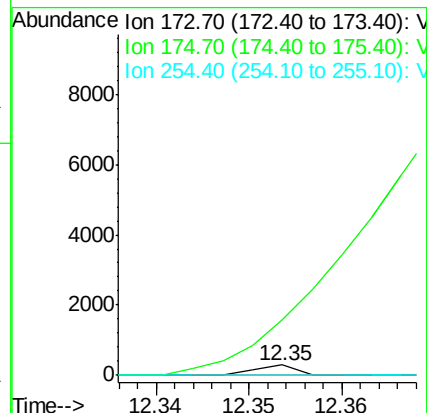
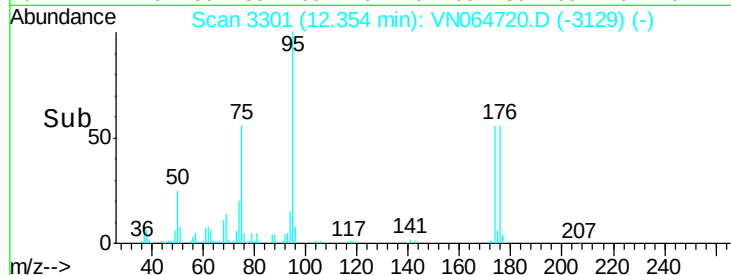
173 100

175 0.0 24.3 72.9#

254 0.0 0.1 0.1#



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: 13.31 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064720.D

Acq: 18 Nov 2020 20:36

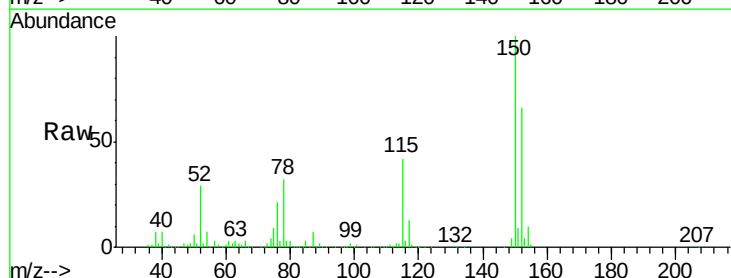
Tgt Ion:152 Resp: 213144

Ion Ratio Lower Upper

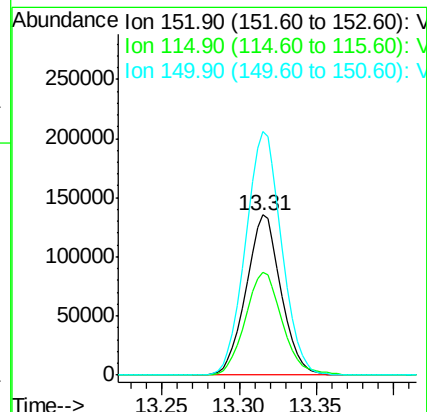
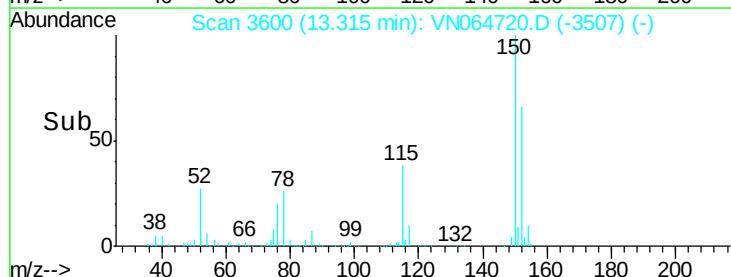
152 100

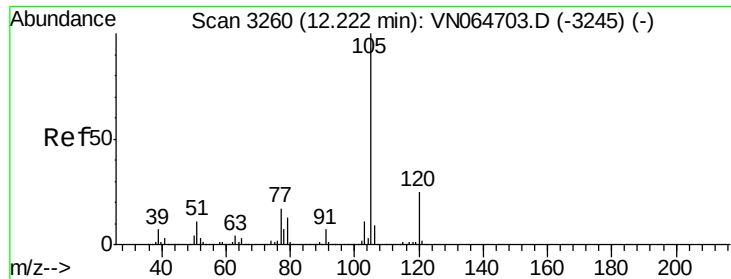
115 67.9 32.1 96.3

150 157.0 0.0 344.8



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: 10.719 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064720.D

Acq: 18 Nov 2020 20:36

Instrument :

MSVOA_N

ClientSampleId :

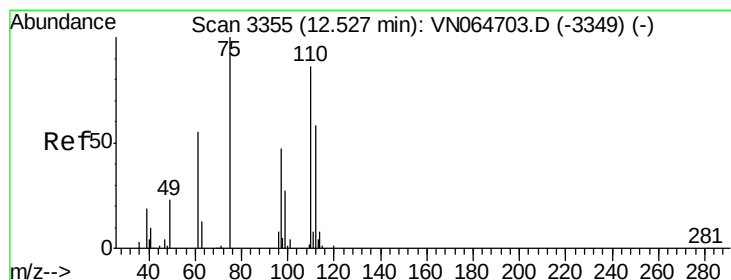
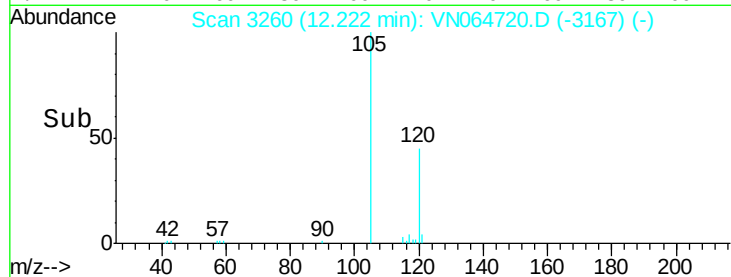
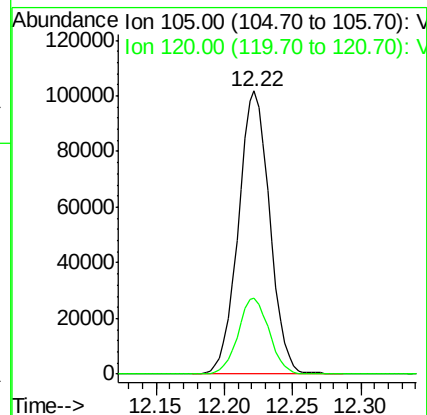
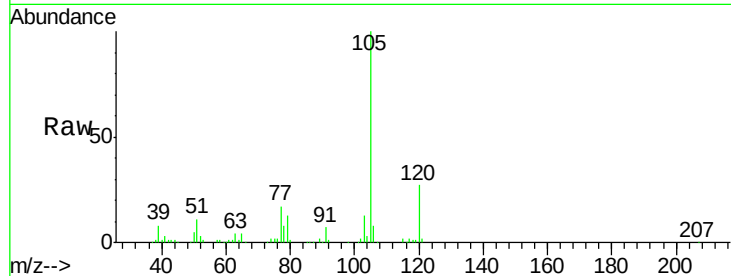
MW-1

Tot Ion:105 Resp: 162215

Ion Ratio Lower Upper

105 100

120 26.5 12.8 38.3



#76

1,2,3-Trichloropropane

Concen: 30.358 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064720.D

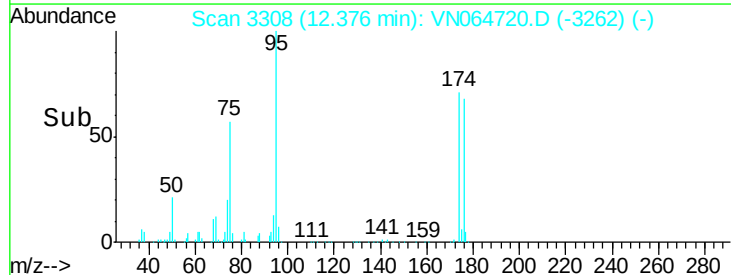
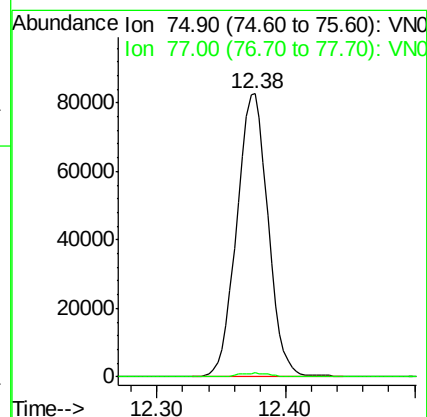
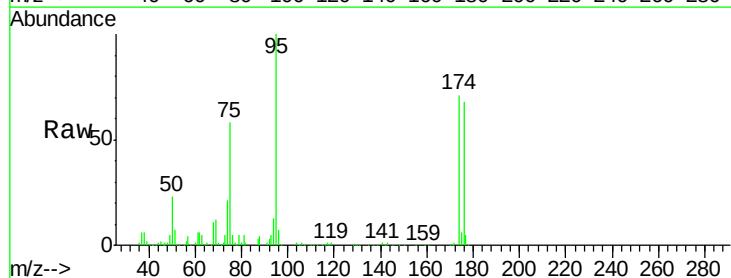
Acq: 18 Nov 2020 20:36

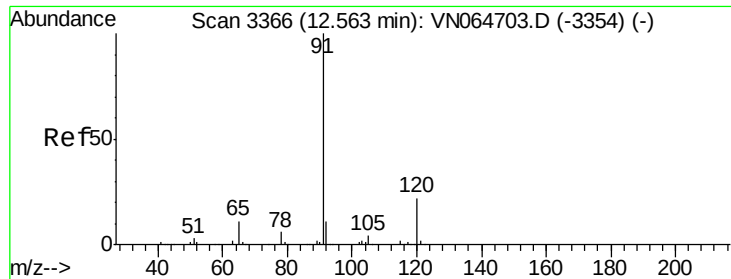
Tgt Ion: 75 Resp: 139419

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#78

n-propylbenzene

Concen: 12.931 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064720.D

Acq: 18 Nov 2020 20:36

Instrument :

MSVOA_N

ClientSampled :

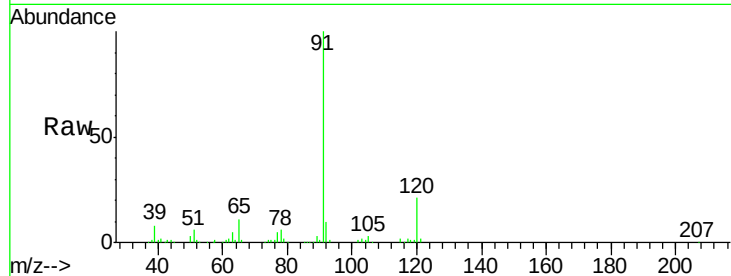
MW-1

Tot Ion: 91 Resp: 227885

Ion Ratio Lower Upper

91 100

120 20.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.56

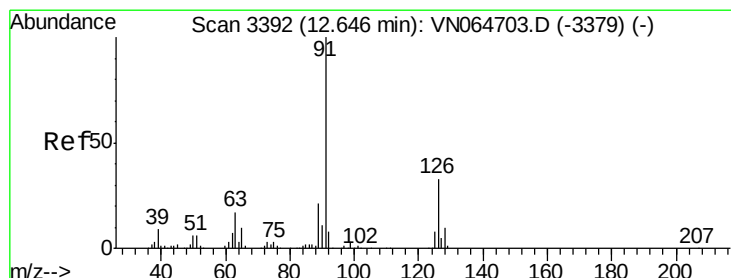
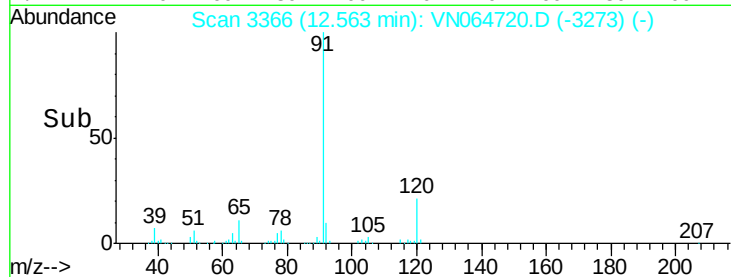
150000

100000

50000

0

Time-->



#79

2-Chlorotoluene

Concen: 0.816 ug/l

RT: 12.66 min Scan# 3397

Delta R.T. 0.02 min

Lab File: VN064720.D

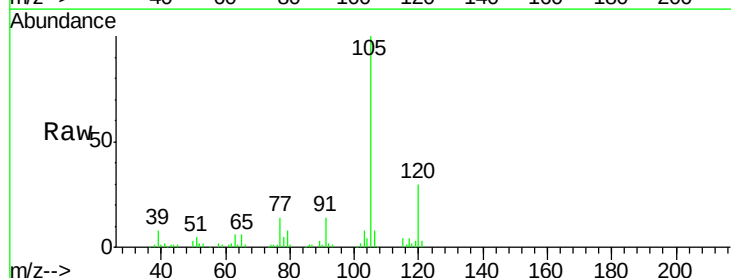
Acq: 18 Nov 2020 20:36

Tgt Ion: 91 Resp: 9209

Ion Ratio Lower Upper

91 100

126 0.0 16.0 48.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

12.66

10000

8000

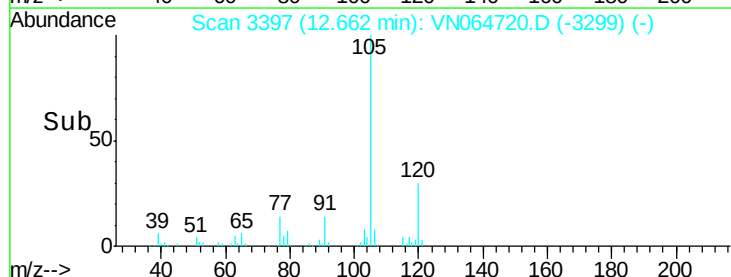
6000

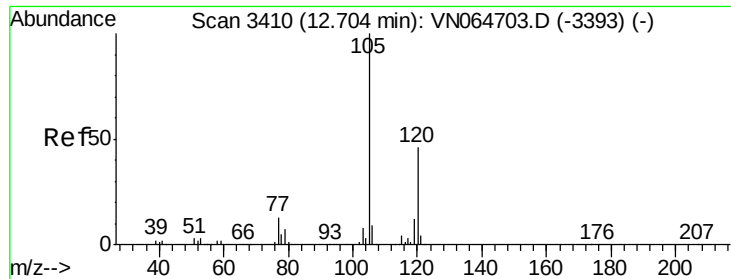
4000

2000

0

Time-->

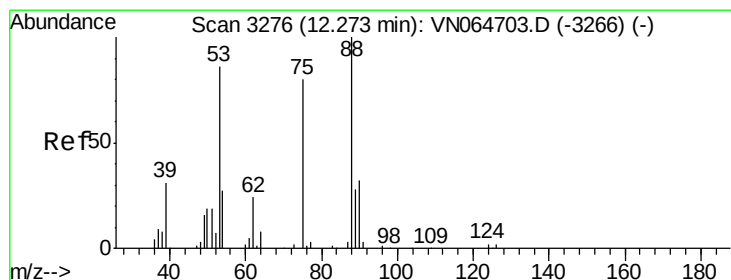
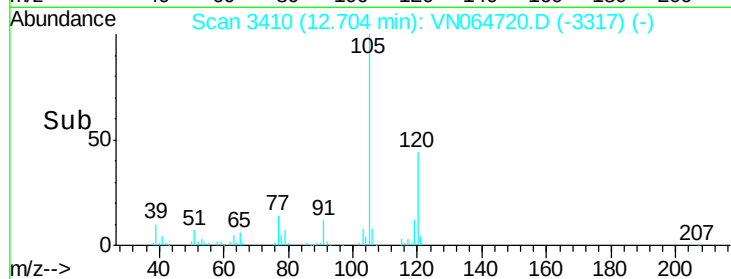
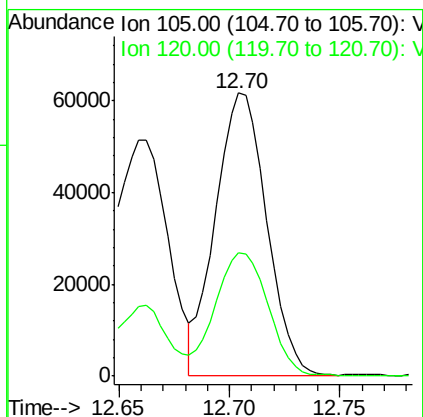
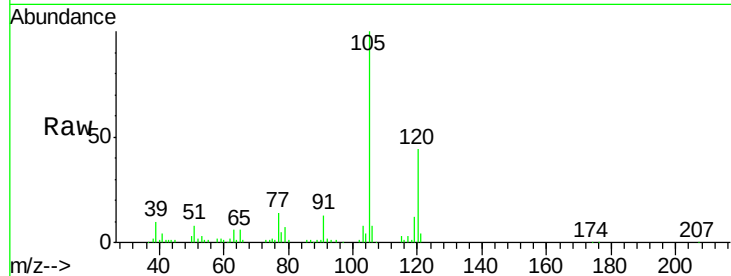




#80
 1,3,5-Trimethylbenzene
 Concen: 7.869 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064720.D
 Acq: 18 Nov 2020 20:36

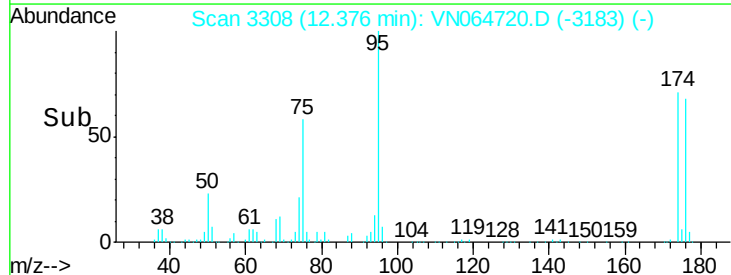
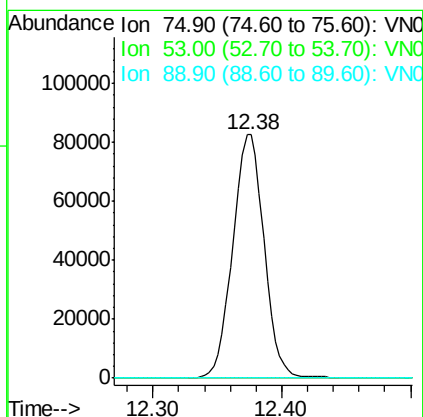
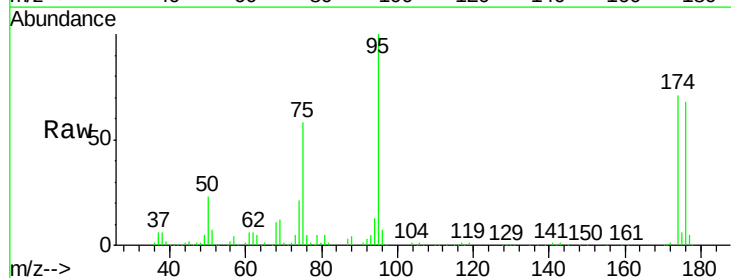
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

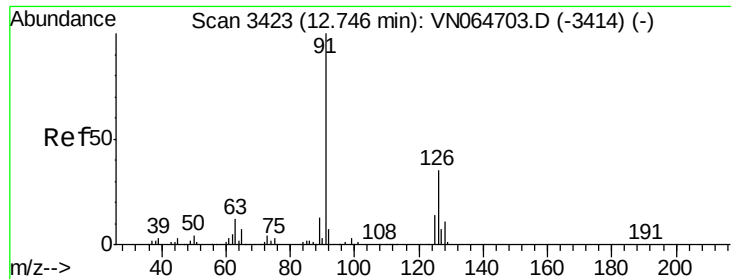
Tot Ion:105 Resp: 98926
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.9 68.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.369 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN064720.D
 Acq: 18 Nov 2020 20:36

Tgt Ion: 75 Resp: 139419
 Ion Ratio Lower Upper
 75 100
 53 0.2 88.8 133.2#
 89 0.0 43.1 64.7#





#82

4-Chlorotoluene

Concen: 1.017 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.04 min

Lab File: VN064720.D

Acq: 18 Nov 2020 20:36

Instrument :

MSVOA_N

ClientSampled :

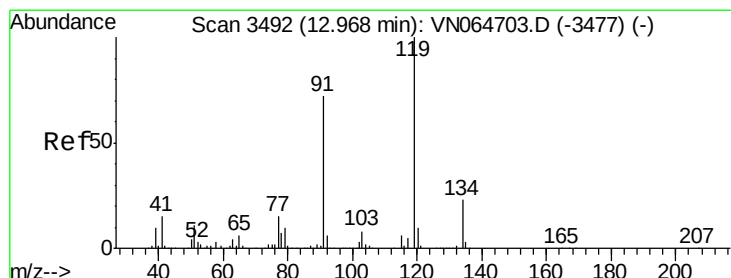
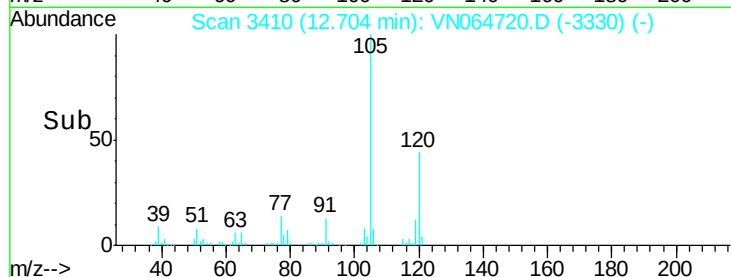
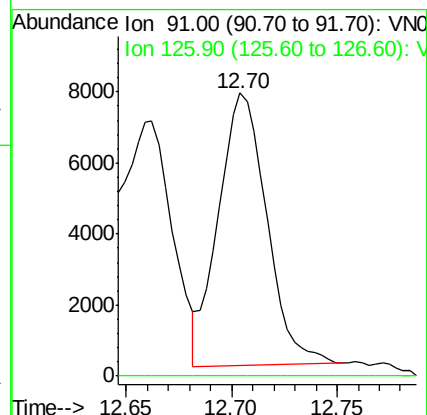
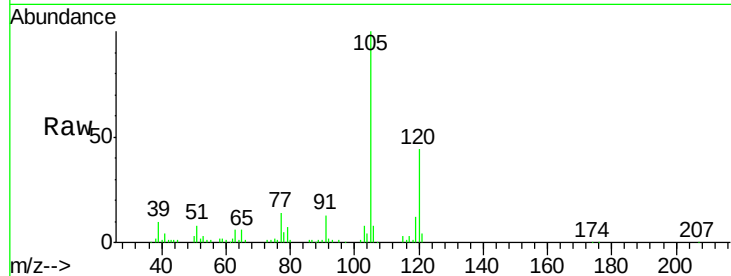
MW-1

Tot Ion: 91 Resp: 12232

Ion Ratio Lower Upper

91 100

126 0.0 15.9 47.7#



#83

tert-Butylbenzene

Concen: 4.000 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.04 min

Lab File: VN064720.D

Acq: 18 Nov 2020 20:36

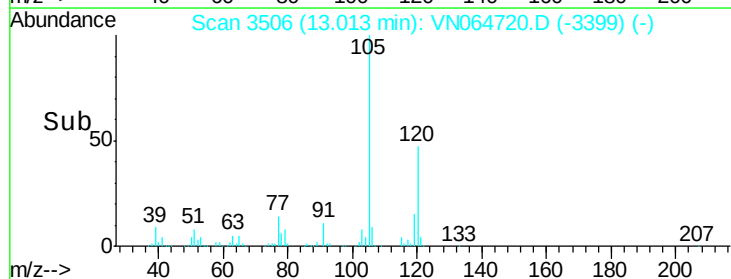
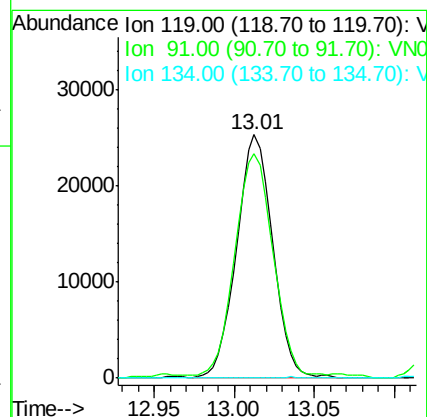
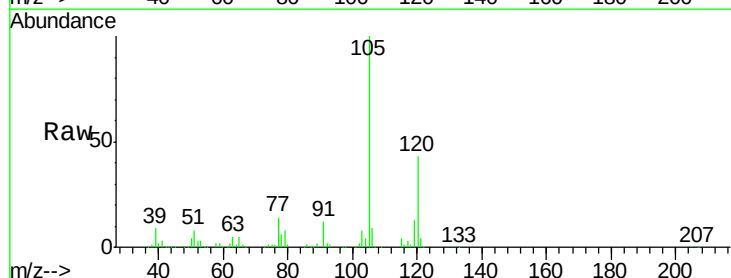
Tgt Ion: 119 Resp: 38896

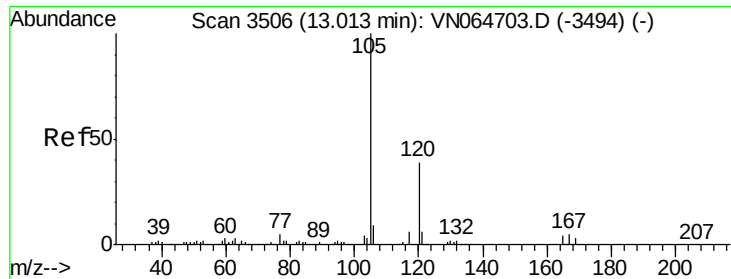
Ion Ratio Lower Upper

119 100

91 95.0 35.8 107.4

134 0.0 12.0 36.1#

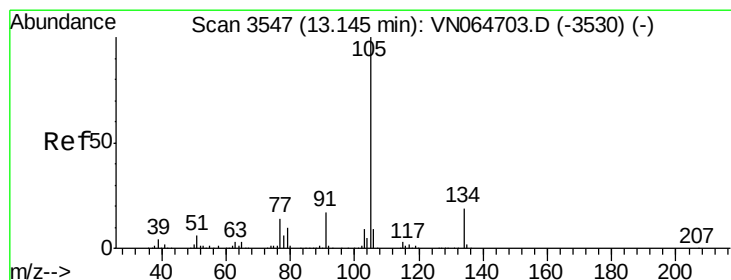
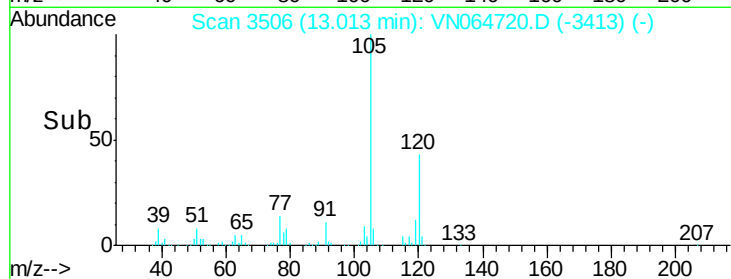
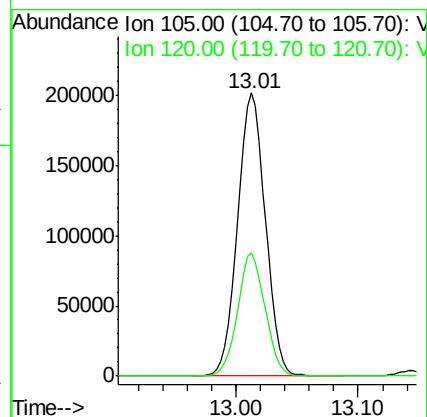
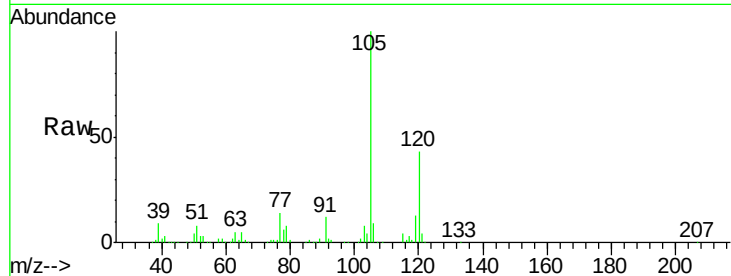




#84
 1,2,4-Trimethylbenzene
 Concen: 24.910 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064720.D
 Acq: 18 Nov 2020 20:36

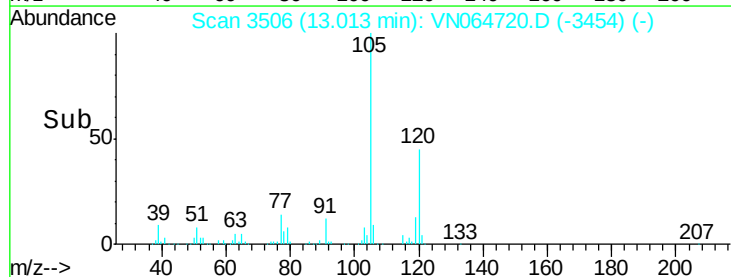
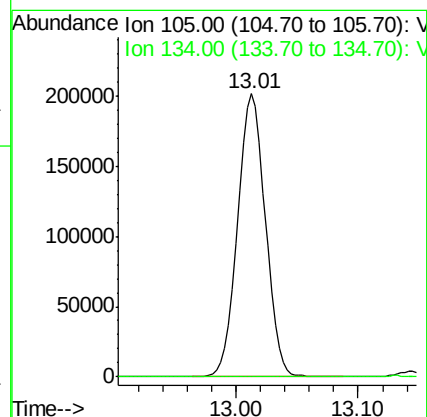
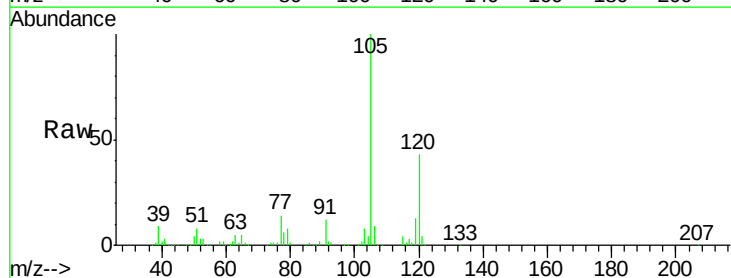
Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

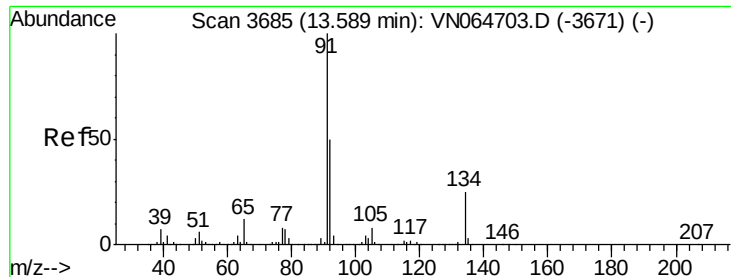
Tot Ion:105 Resp: 319602
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 24.656 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.13 min
 Lab File: VN064720.D
 Acq: 18 Nov 2020 20:36

Tgt Ion:105 Resp: 319602
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.5 28.5#





#89

n-Butylbenzene

Concen: 0.551 ug/l

RT: 13.59 min Scan# 3684

Delta R.T. -0.00 min

Lab File: VN064720.D

Acq: 18 Nov 2020 20:36

Instrument :

MSVOA_N

ClientSampled :

MW-1

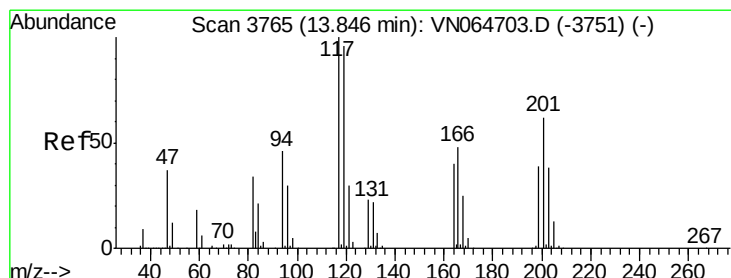
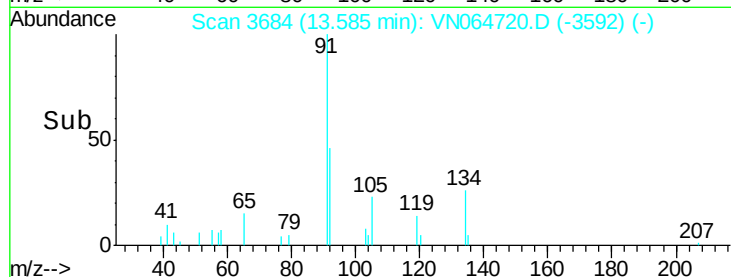
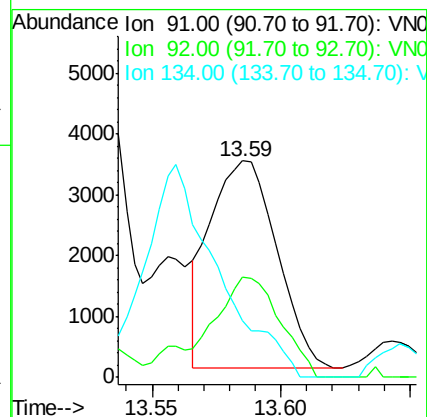
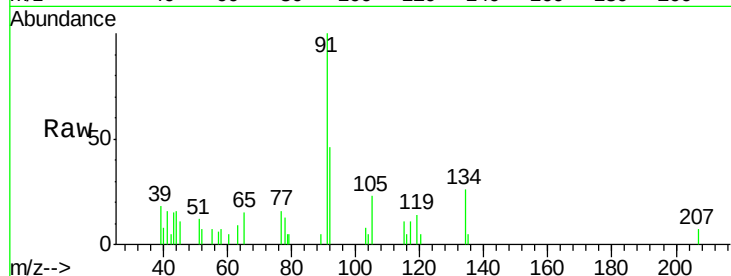
Tot Ion: 91 Resp: 6131

Ion Ratio Lower Upper

91 100

92 53.9 24.9 74.8

134 0.0 12.0 36.0#



#90

Hexachloroethane

Concen: 2.399 ug/l

RT: 13.86 min Scan# 3770

Delta R.T. 0.02 min

Lab File: VN064720.D

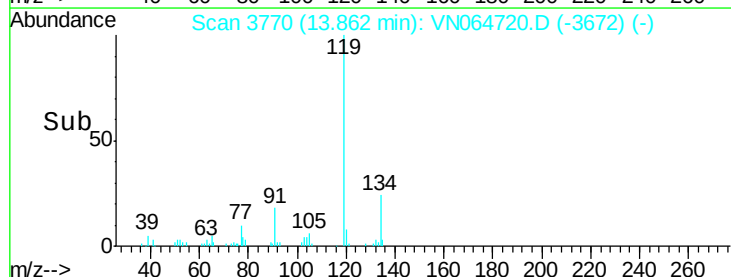
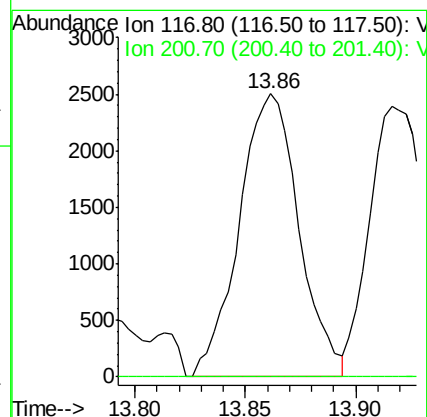
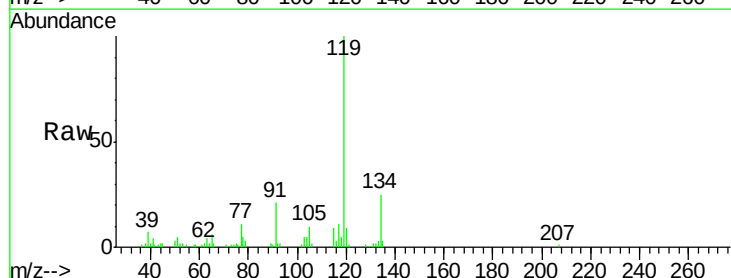
Acq: 18 Nov 2020 20:36

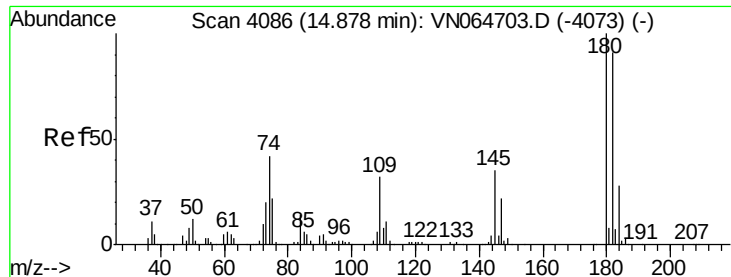
Tgt Ion: 117 Resp: 4727

Ion Ratio Lower Upper

117 100

201 0.0 31.9 95.5#

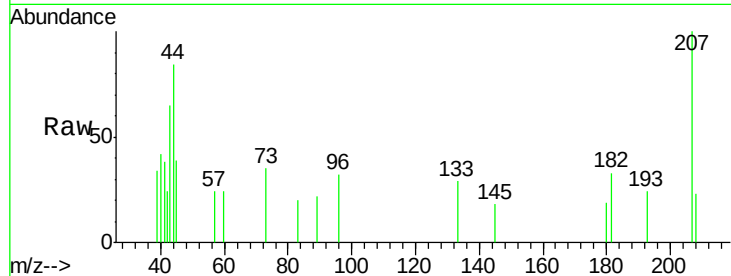




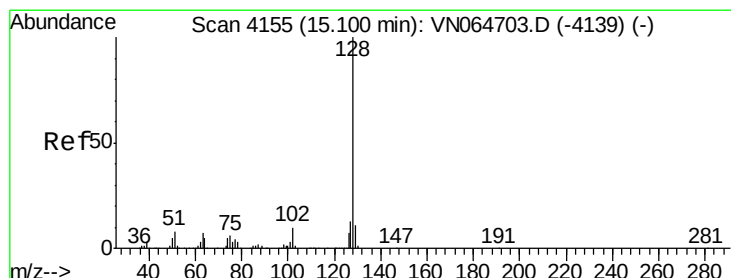
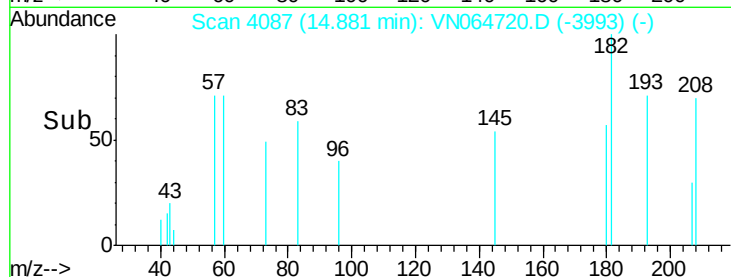
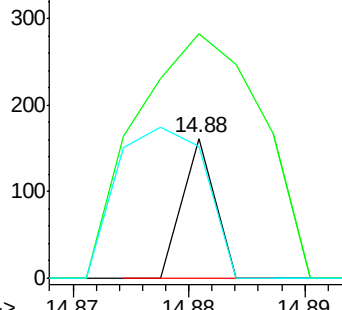
#93
1,2,4-Trichlorobenzene
Concen: 1.340 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN064720.D
Acq: 18 Nov 2020 20:36

Instrument :
MSVOA_N
ClientSampled :
MW-1

Tot Ion:180 Resp: 31
Ion Ratio Lower Upper
180 100
182 680.6 47.3 141.8#
145 296.8 17.5 52.5#

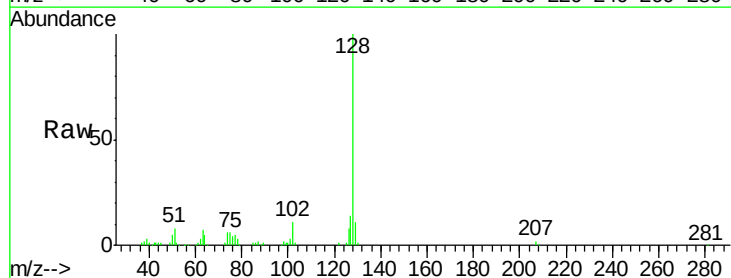


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#95
Naphthalene
Concen: 8.070 ug/l
RT: 15.10 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN064720.D
Acq: 18 Nov 2020 20:36

Tgt Ion:128 Resp: 96672
Ion Ratio Lower Upper
128 100
127 14.8 10.8 16.2
129 11.3 8.9 13.3



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

