

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\
 Data File : VN051704.D
 Acq On : 5 Oct 2018 22:50
 Operator : MD\SY
 Sample : J5084-19
 Misc : 6.76µ/5.00mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 34 Sample Multiplier: 28

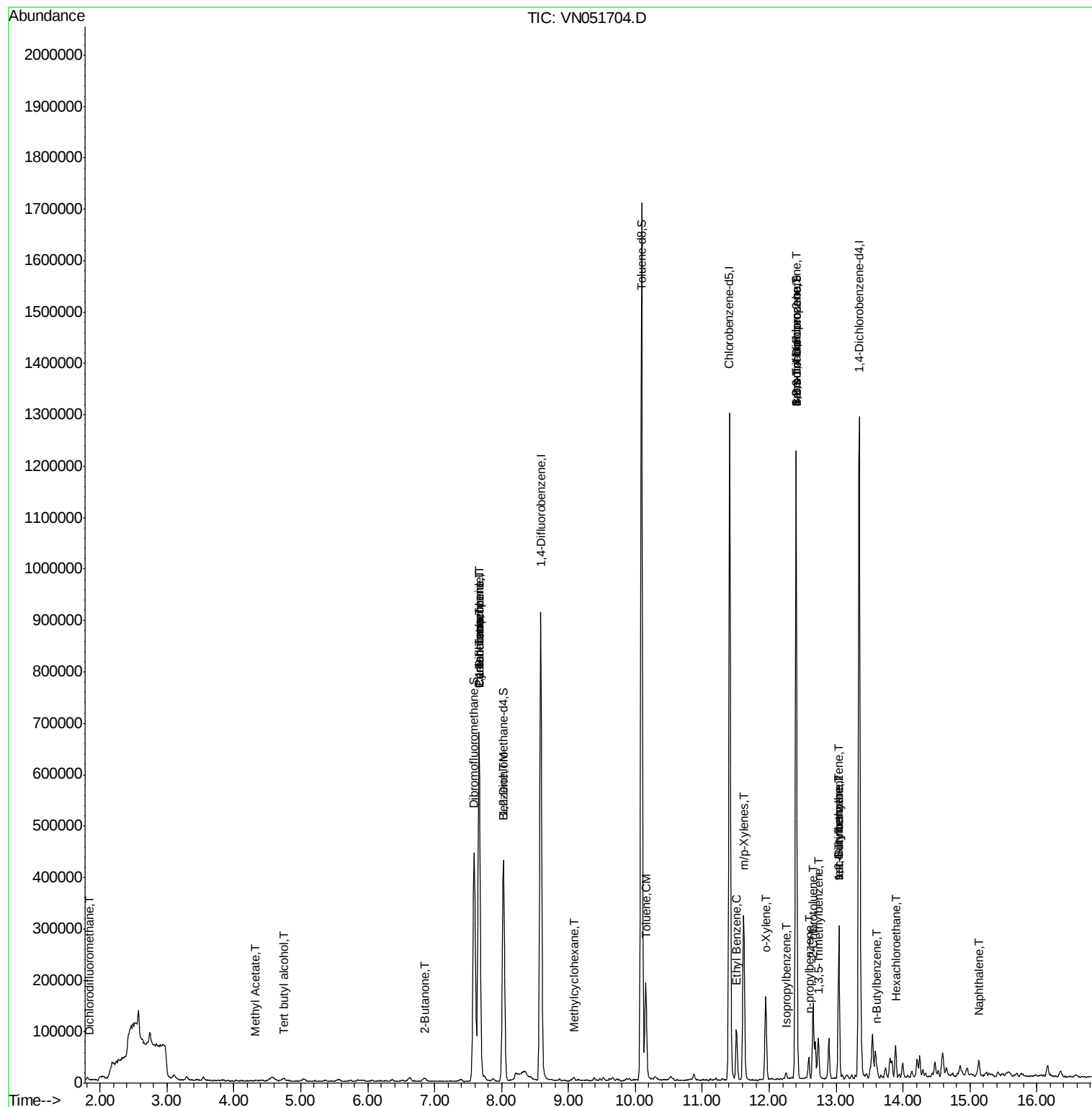
Quant Time: Oct 06 01:22:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

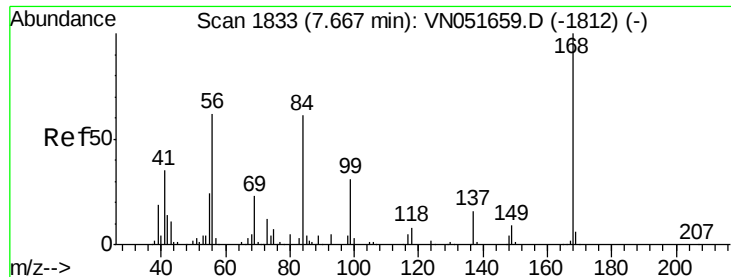
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	587887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	855192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	762546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	350735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	354480	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	
35) Dibromofluoromethane	7.59	113	327351	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	10.09	98	1211829	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
62) 4-Bromofluorobenzene	12.40	95	371941	42.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.20%	
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.84	85	30	1.153	ug/l #	42
7) Trichlorofluoromethane	2.98	101	367	Below Cal	#	66
11) Tert butyl alcohol	4.74	59	4422	8.378	ug/l #	73
16) Acetone	3.80	43	44	Below Cal	#	44
18) Methyl Acetate	4.33	43	2082	0.486	ug/l #	83
25) 2-Butanone	6.85	43	1184	0.528	ug/l #	87
31) Cyclohexane	7.66	56	14739	1.398	ug/l #	32
36) 1,1-Dichloropropene	7.66	75	39928	4.467	ug/l #	50
38) Carbon Tetrachloride	7.67	117	53844	5.020	ug/l #	15
39) Methylcyclohexane	9.08	83	2592	0.231	ug/l #	85
40) Benzene	8.04	78	7899	0.298	ug/l	91
41) Methacrylonitrile	7.18	41	337	Below Cal	#	24
52) Toluene	10.16	92	76884	4.362	ug/l	98
67) Ethyl Benzene	11.51	91	72236	2.213	ug/l	97
68) m/p-Xylenes	11.62	106	106726	8.171	ug/l	99
69) o-Xylene	11.95	106	43554	3.400	ug/l	93
71) Bromoform	12.40	173	3166	0.563	ug/l #	1
73) Isopropylbenzene	12.25	105	8614	0.288	ug/l	90
74) N-amyl acetate	12.08	43	62	Below Cal	#	1
75) 1,1,2,2-Tetrachloroethane	12.48	83	29	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	203843	46.486	ug/l #	100
78) n-propylbenzene	12.59	91	33672	1.033	ug/l	97
79) 2-Chlorotoluene	12.66	91	11642	0.606	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.73	105	38528	1.529	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	203843	106.834	ug/l #	14
83) tert-Butylbenzene	13.04	119	20163	0.893	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.04	105	166187	6.585	ug/l	100
85) sec-Butylbenzene	13.04	105	166187	5.565	ug/l #	55
89) n-Butylbenzene	13.62	91	13871	0.663	ug/l #	68
90) Hexachloroethane	13.89	117	3104	0.588	ug/l #	7
95) Naphthalene	15.13	128	22162	1.821	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051704.D

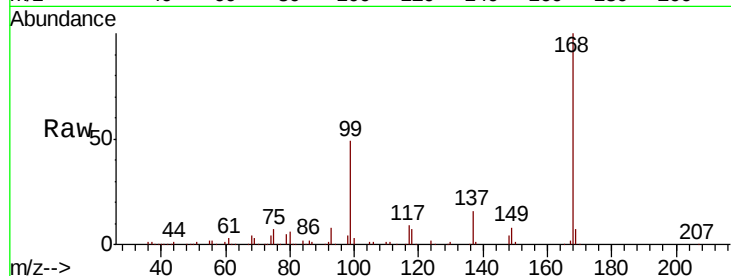
Acq: 5 Oct 2018 22:50

Tot Ion:168 Resp: 587887

Ion Ratio Lower Upper

168 100

99 49.0 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

250000

200000

150000

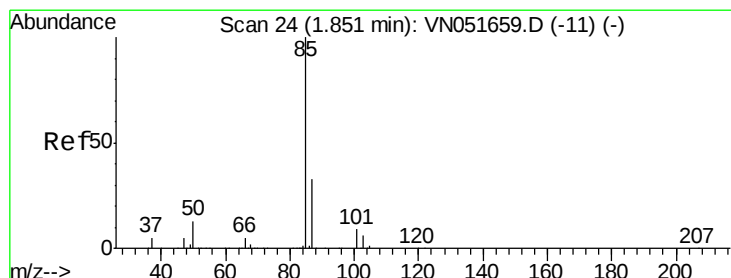
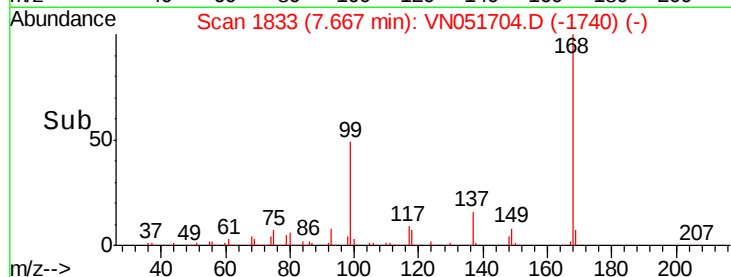
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 1.153 ug/l

RT: 1.84 min Scan# 22

Delta R.T. -0.01 min

Lab File: VN051704.D

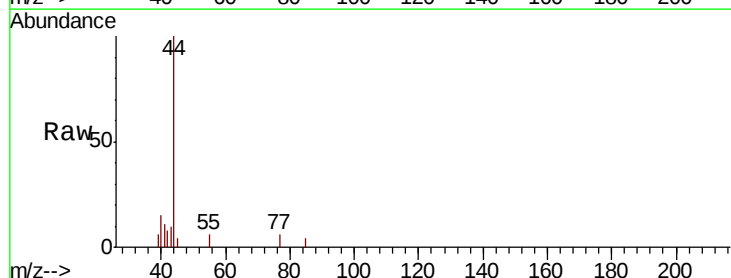
Acq: 5 Oct 2018 22:50

Tgt Ion: 85 Resp: 30

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.4#



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

150

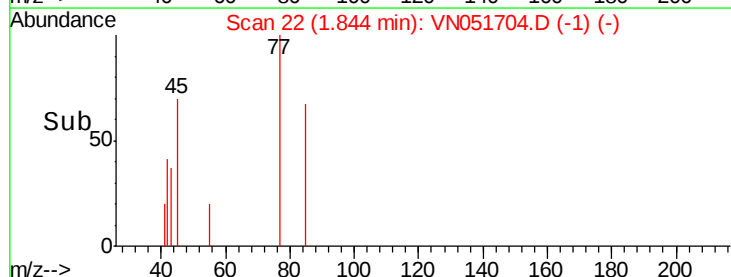
100

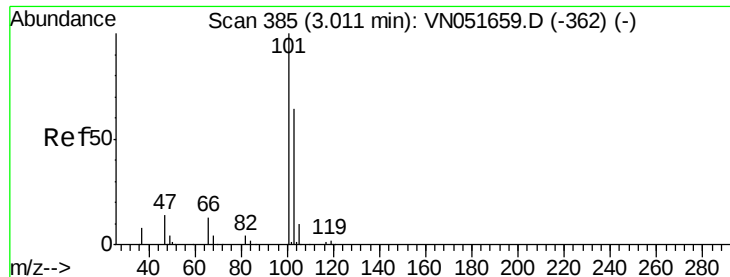
50

0

1.84 1.84 1.85 1.85 1.86

Time-->

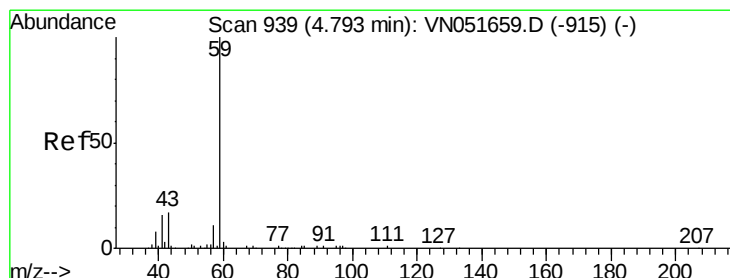
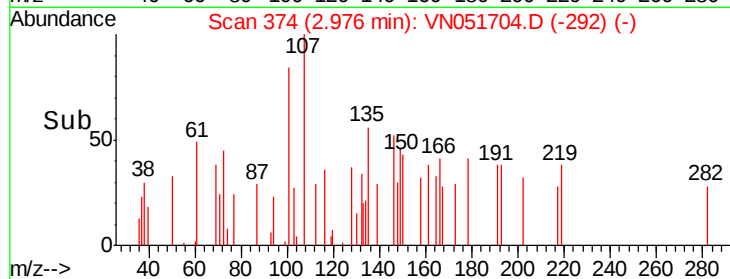
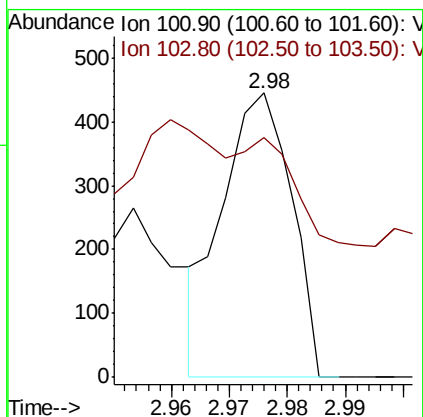
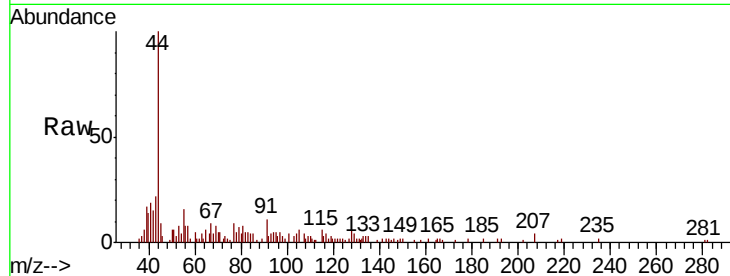




#7

Trichlorofluoromethane
Concen: Below Cal
RT: 2.98 min Scan# 374
Delta R.T. -0.04 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

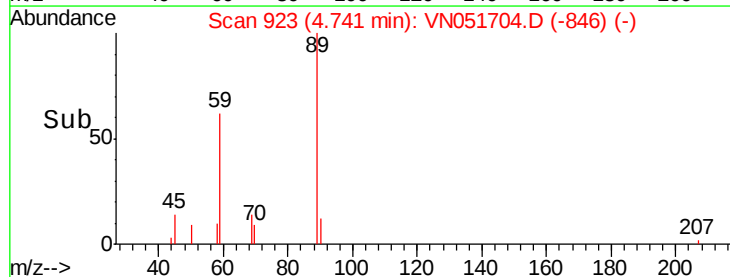
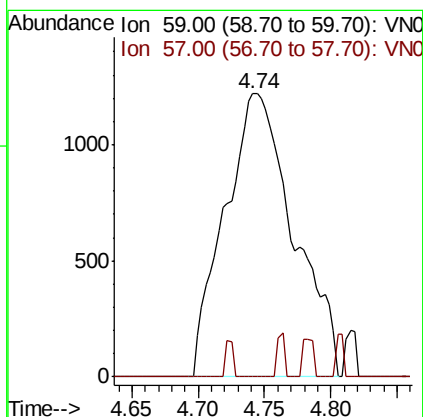
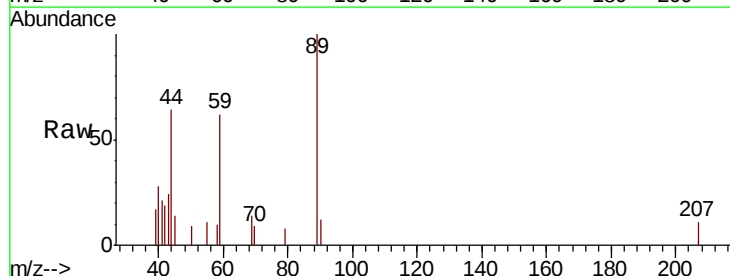
Tot Ion:101 Resp: 367
Ion Ratio Lower Upper
101 100
103 37.0 51.1 76.7#

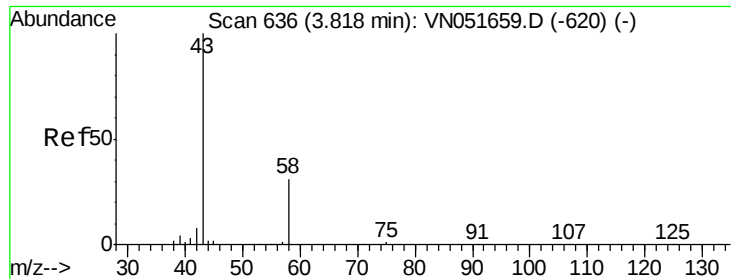


#11

Tert butyl alcohol
Concen: 8.378 ug/l
RT: 4.74 min Scan# 923
Delta R.T. -0.05 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

Tgt Ion: 59 Resp: 4422
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: Below Cal

RT: 3.80 min Scan# 630

Delta R.T. -0.02 min

Lab File: VN051704.D

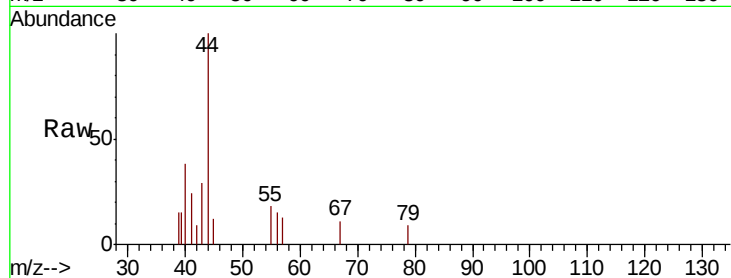
Acq: 5 Oct 2018 22:50

Tot Ion: 43 Resp: 44

Ion Ratio Lower Upper

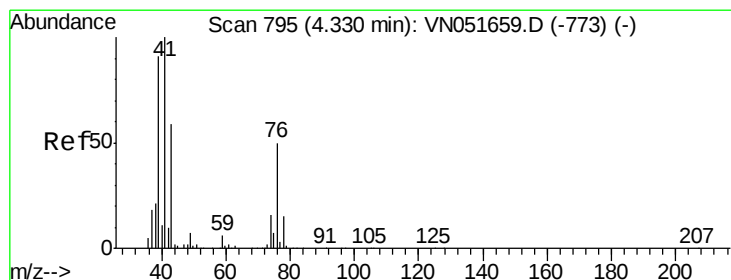
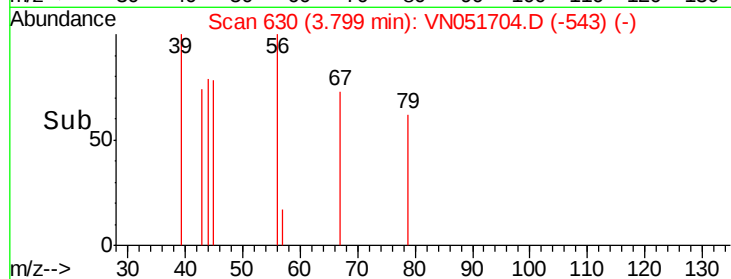
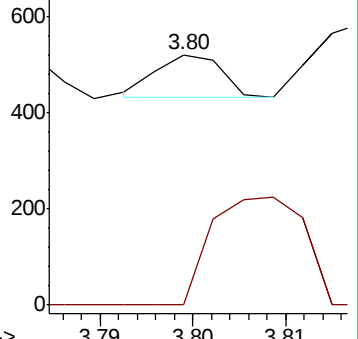
43 100

58 0.0 24.3 36.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.486 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN051704.D

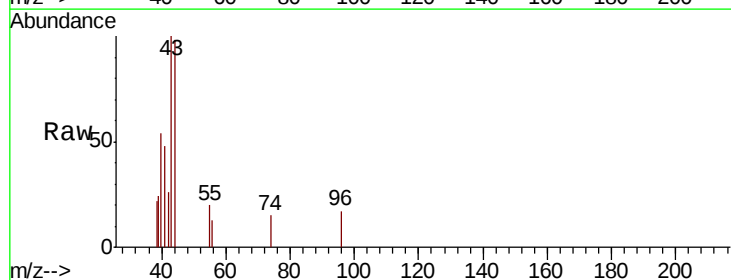
Acq: 5 Oct 2018 22:50

Tgt Ion: 43 Resp: 2082

Ion Ratio Lower Upper

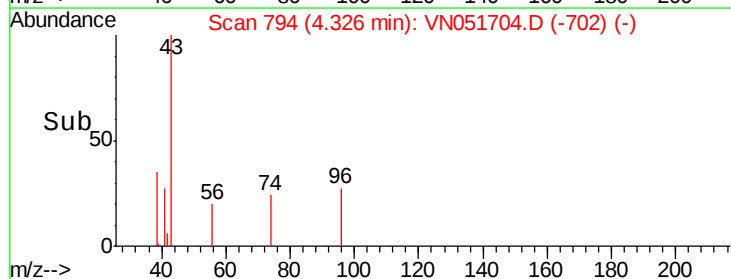
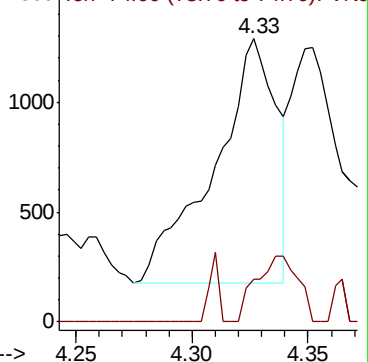
43 100

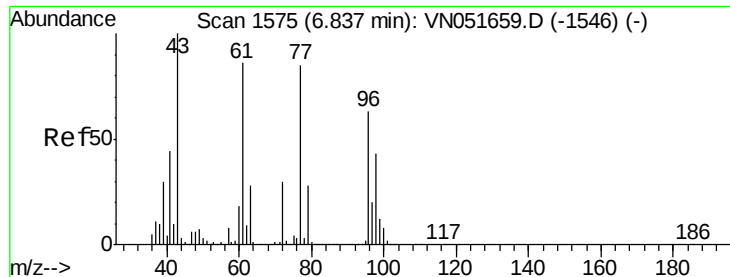
74 18.3 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#25

2-Butanone

Concen: 0.528 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN051704.D

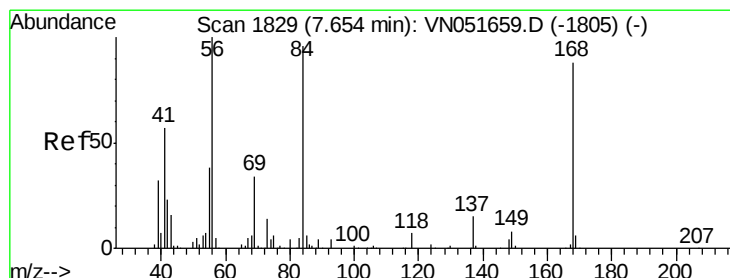
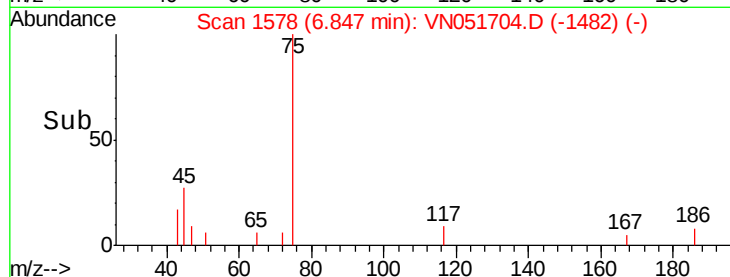
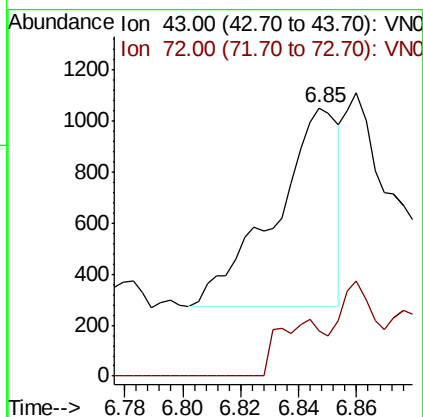
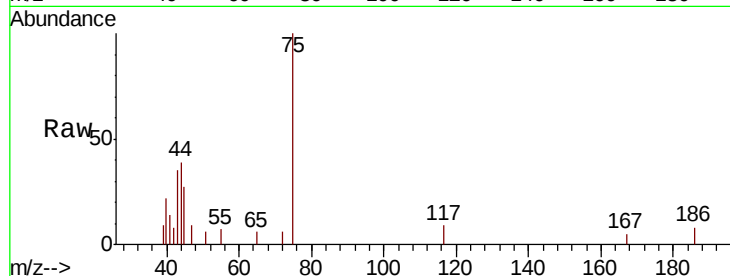
Acq: 5 Oct 2018 22:50

Tot Ion: 43 Resp: 1184

Ion Ratio Lower Upper

43 100

72 23.0 24.2 36.2#



#31

Cyclohexane

Concen: 1.398 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN051704.D

Acq: 5 Oct 2018 22:50

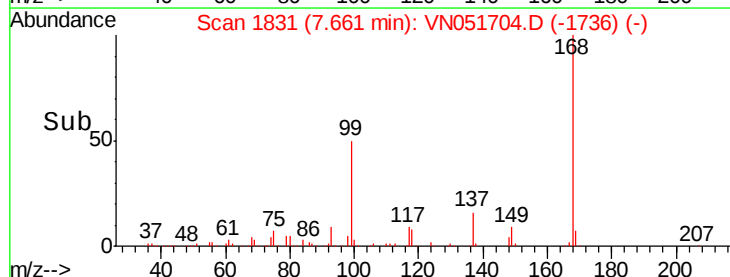
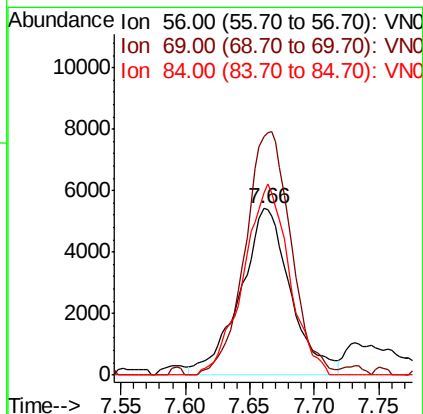
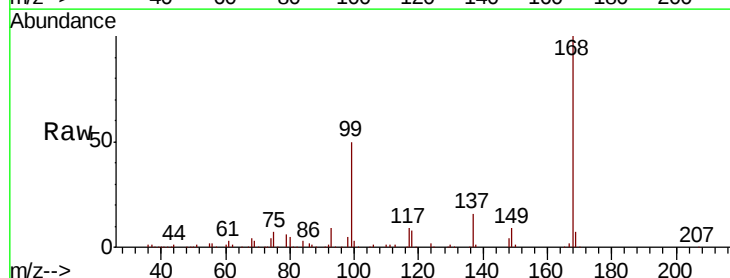
Tgt Ion: 56 Resp: 14739

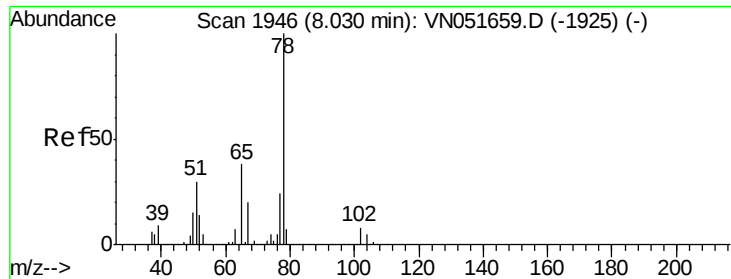
Ion Ratio Lower Upper

56 100

69 150.5 27.5 41.3#

84 115.1 76.7 115.1#





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051704.D

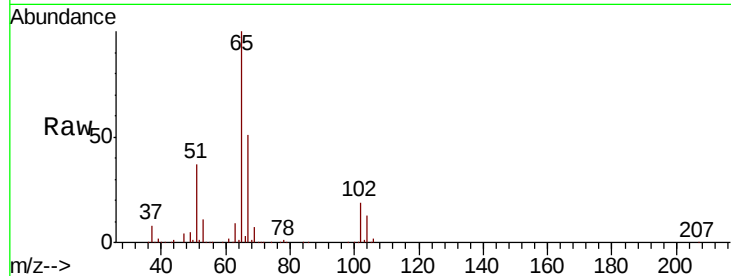
Acq: 5 Oct 2018 22:50

Tot Ion: 65 Resp: 354480

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN051659.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN051659.D (-1925) (-)

8.03

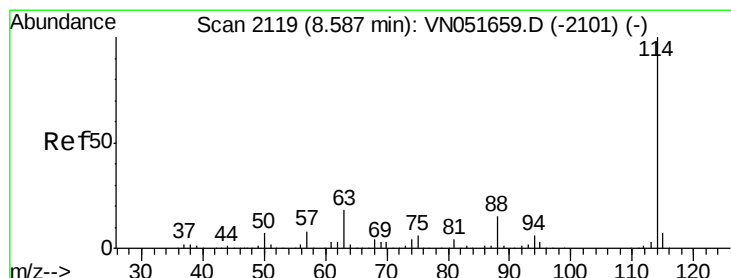
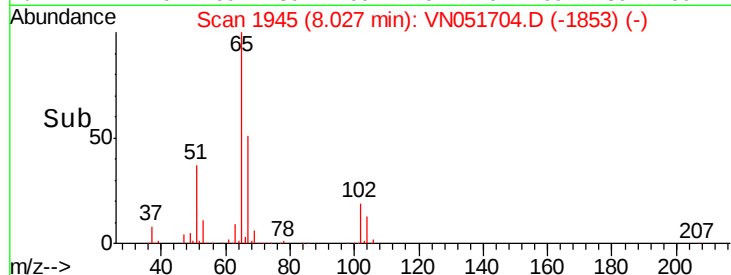
150000

100000

50000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN051704.D

Acq: 5 Oct 2018 22:50

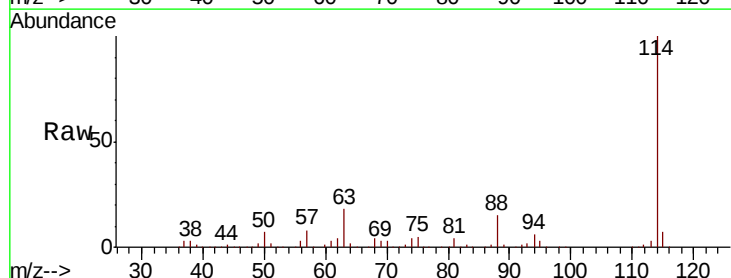
Tgt Ion: 114 Resp: 855192

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.2

88 14.5 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VN051659.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN051659.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN051659.D (-2101) (-)

8.58

500000

400000

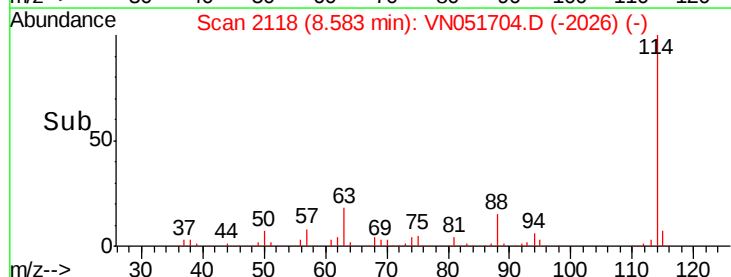
300000

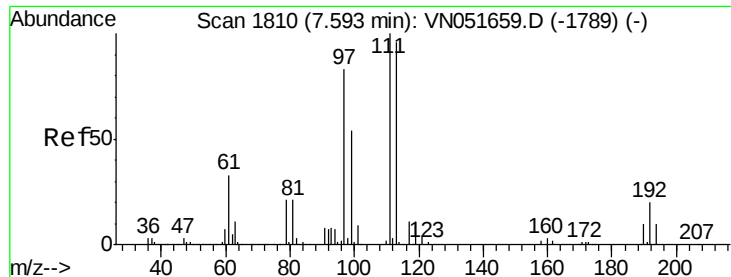
200000

100000

0

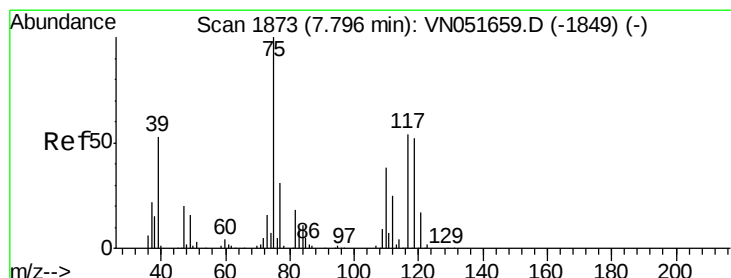
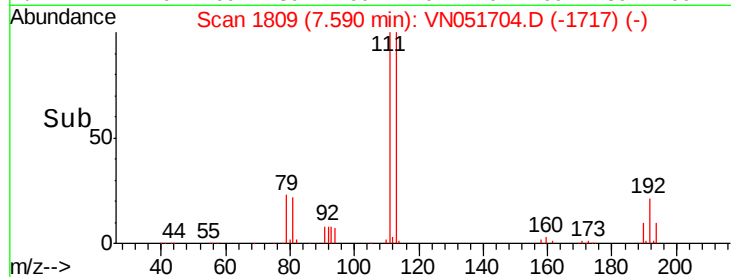
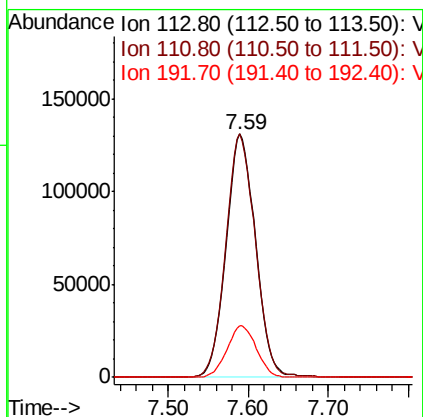
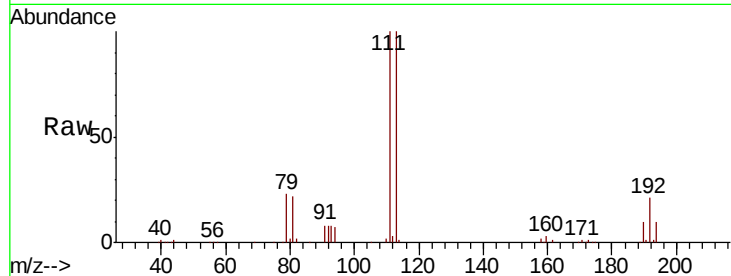
Time--> 8.50 8.55 8.60 8.65 8.70





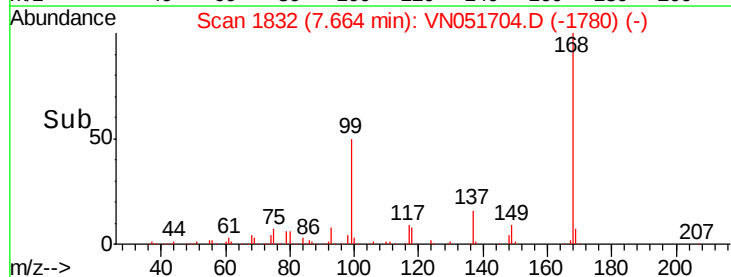
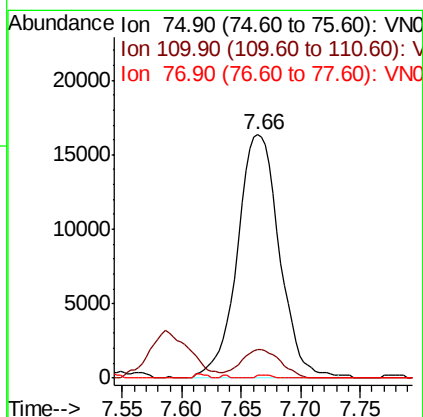
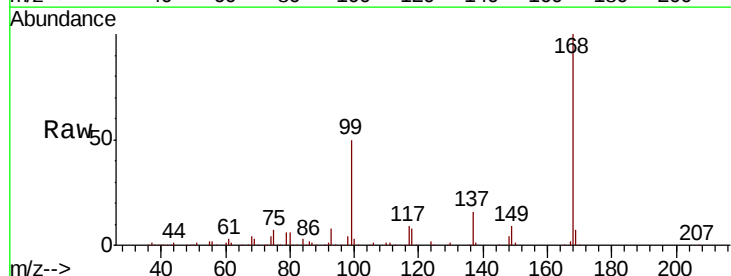
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051704.D
 Acq: 5 Oct 2018 22:50

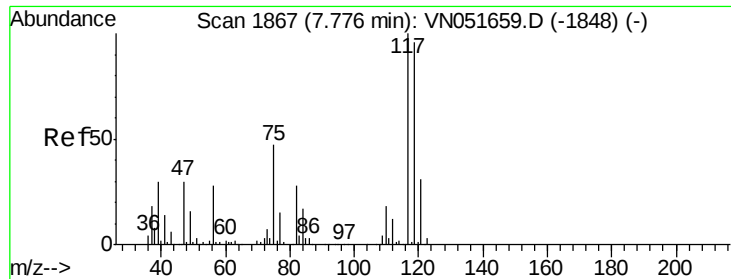
Tot Ion:	113	Resp:	327351
Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.8	122.8
192	21.1	16.5	24.7



#36
 1,1-Dichloropropene
 Concen: 4.467 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN051704.D
 Acq: 5 Oct 2018 22:50

Tgt Ion:	75	Resp:	39928
Ion	Ratio	Lower	Upper
75	100		
110	11.0	19.3	57.8#
77	0.5	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.020 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051704.D

Acq: 5 Oct 2018 22:50

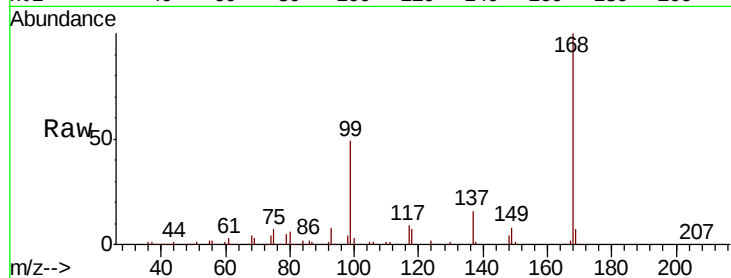
Tot Ion:117 Resp: 53844

Ion Ratio Lower Upper

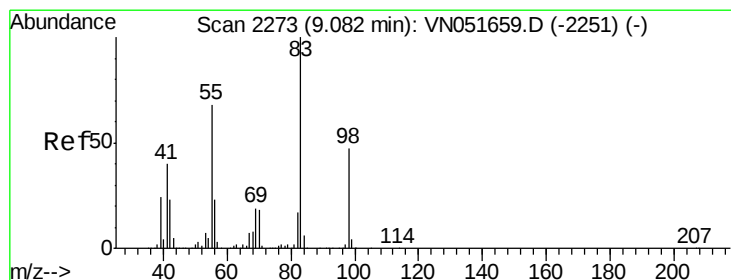
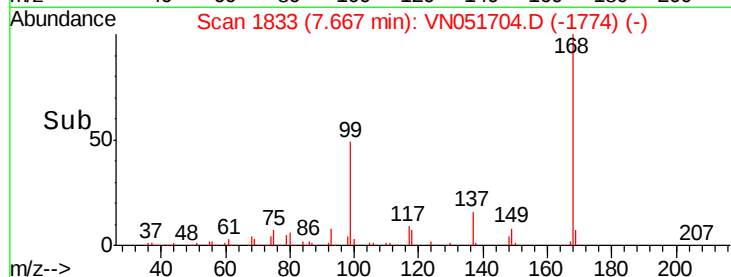
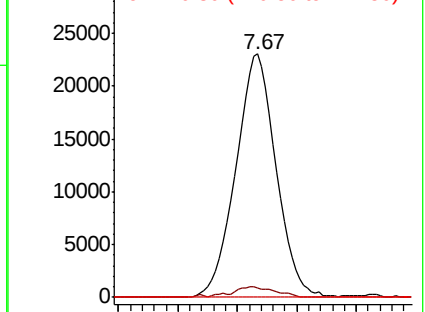
117 100

119 3.8 77.0 115.6#

121 0.0 25.0 37.6#



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



#39

Methylcyclohexane

Concen: 0.231 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN051704.D

Acq: 5 Oct 2018 22:50

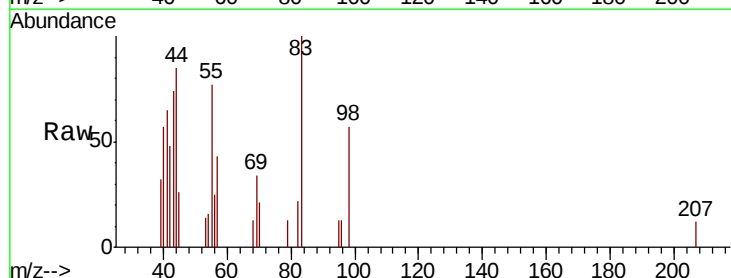
Tgt Ion: 83 Resp: 2592

Ion Ratio Lower Upper

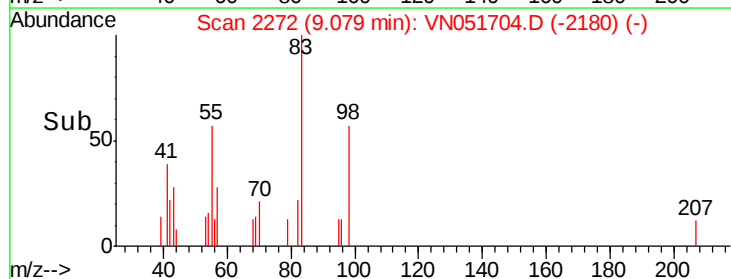
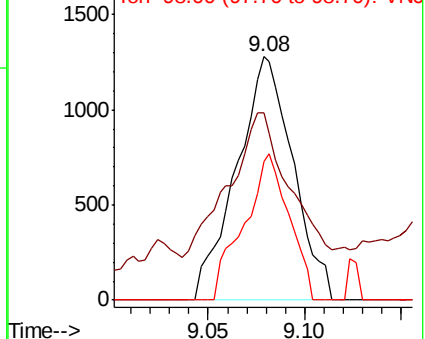
83 100

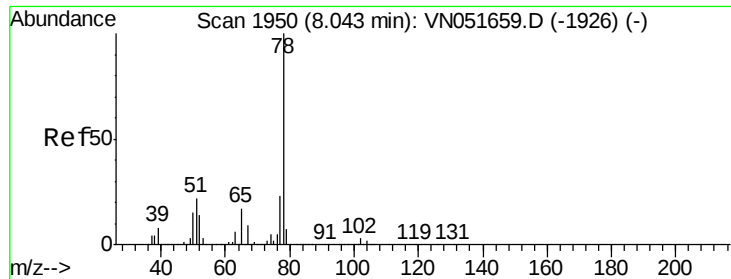
55 56.6 54.3 81.5

98 57.0 37.4 56.2#



Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 98.00 (97.70 to 98.70): VNO





#40

Benzene

Concen: 0.298 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN051704.D

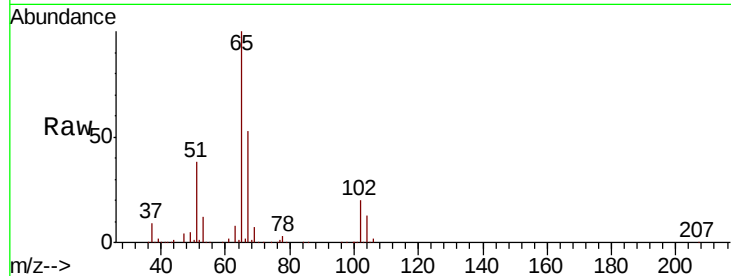
Acq: 5 Oct 2018 22:50

Tot Ion: 78 Resp: 7899

Ion Ratio Lower Upper

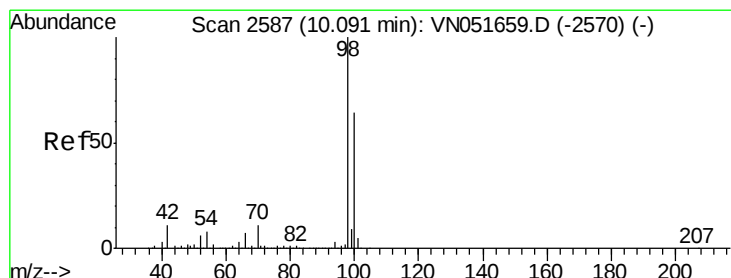
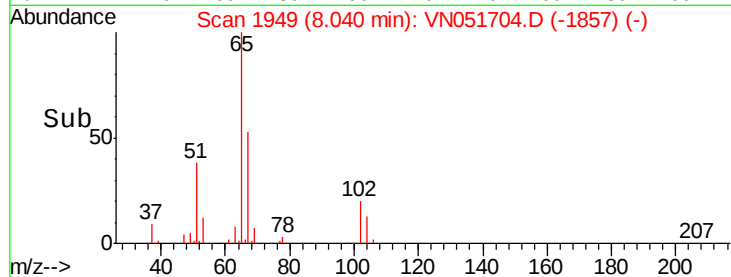
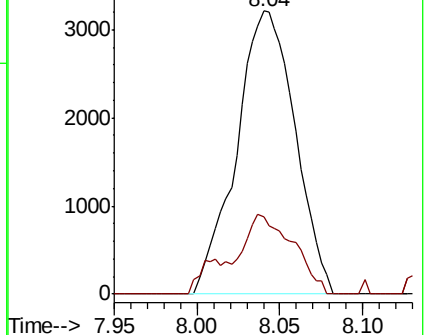
78 100

77 27.3 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VN051659.D (-1926) (-)

Ion 77.00 (76.70 to 77.70): VN051659.D (-1926) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051704.D

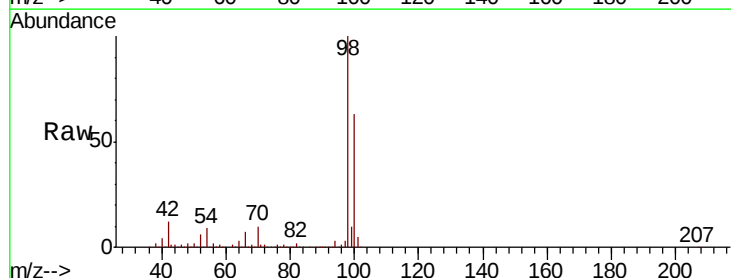
Acq: 5 Oct 2018 22:50

Tgt Ion: 98 Resp: 1211829

Ion Ratio Lower Upper

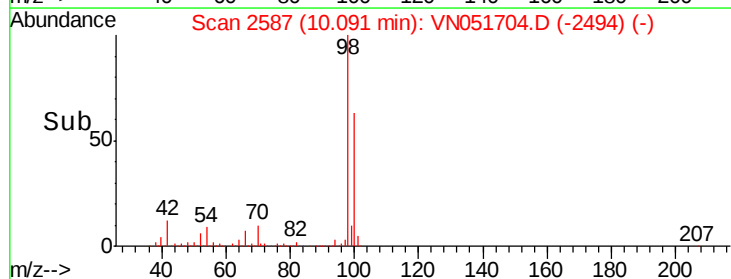
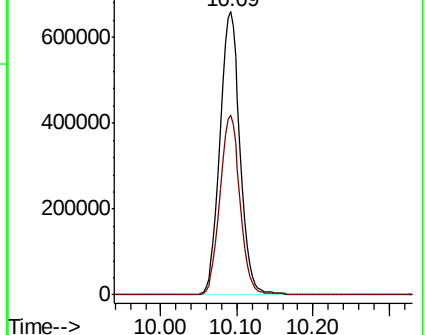
98 100

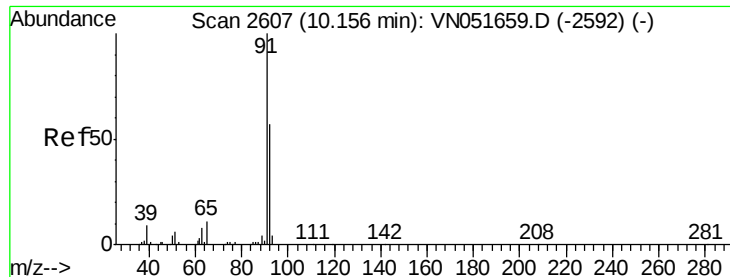
100 63.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN051659.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051659.D (-2570) (-)





#52

Toluene

Concen: 4.362 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051704.D

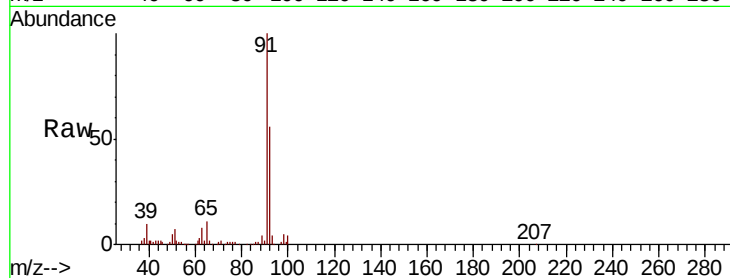
Acq: 5 Oct 2018 22:50

Tot Ion: 92 Resp: 76884

Ion Ratio Lower Upper

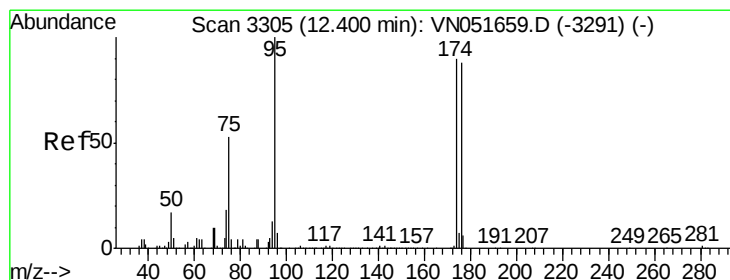
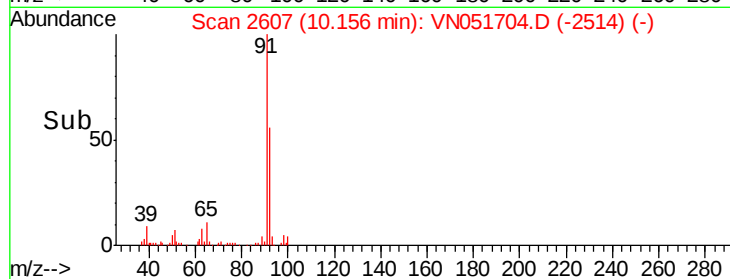
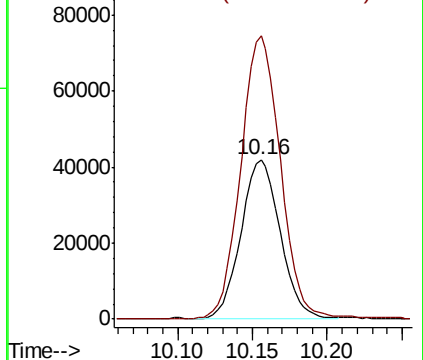
92 100

91 177.7 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN051704.D (-2514) (-)

Ion 91.00 (90.70 to 91.70): VN051704.D (-2514) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051704.D

Acq: 5 Oct 2018 22:50

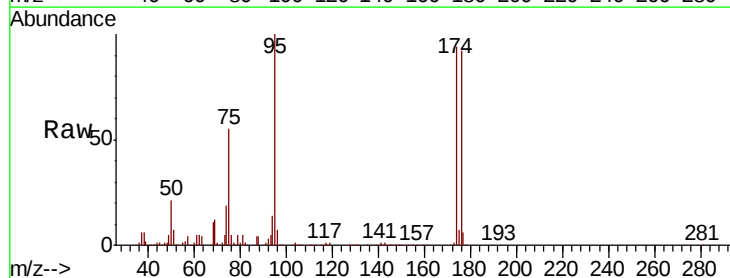
Tgt Ion: 95 Resp: 371941

Ion Ratio Lower Upper

95 100

174 95.1 0.0 182.8

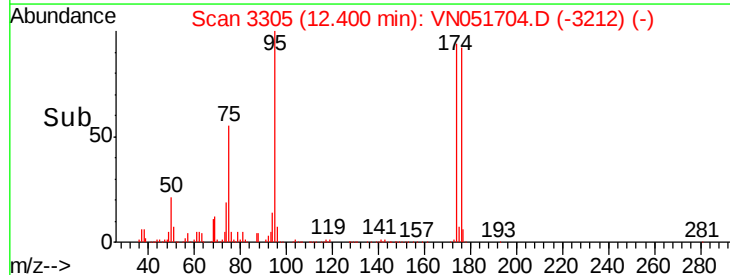
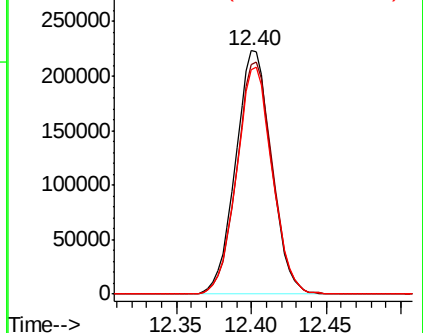
176 93.0 0.0 176.4

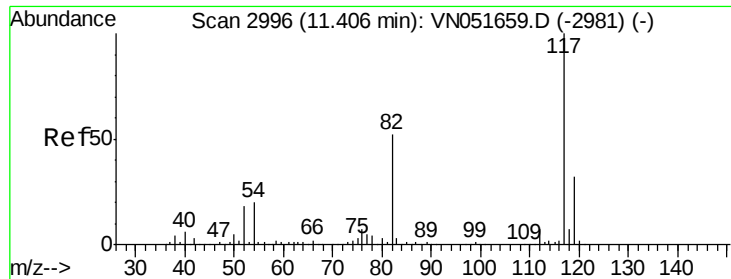


Abundance Ion 94.90 (94.60 to 95.60): VN051704.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN051704.D (-3212) (-)

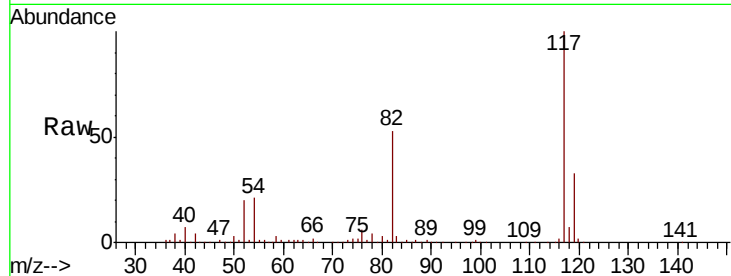
Ion 175.80 (175.50 to 176.50): VN051704.D (-3212) (-)



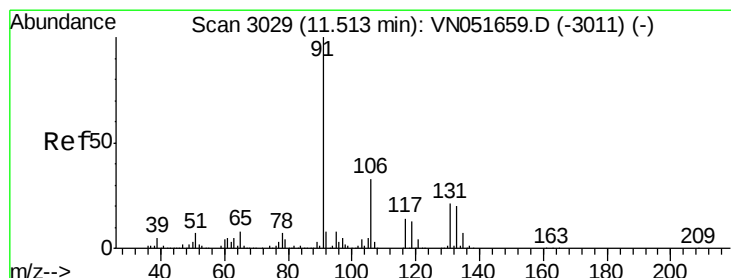
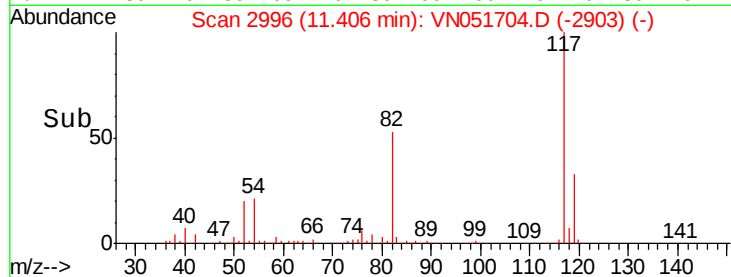
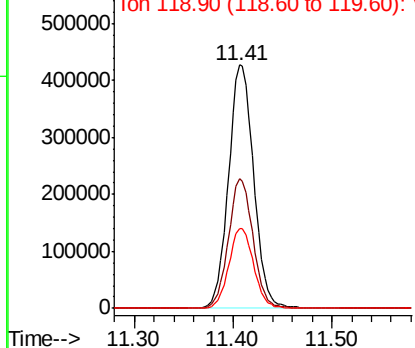


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

Tot Ion:117 Resp: 762546
Ion Ratio Lower Upper
117 100
82 53.1 41.3 61.9
119 32.8 25.9 38.9

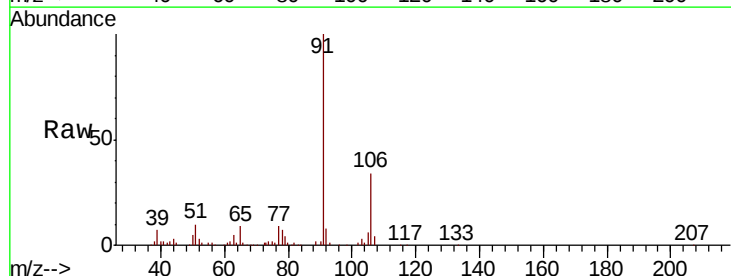


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

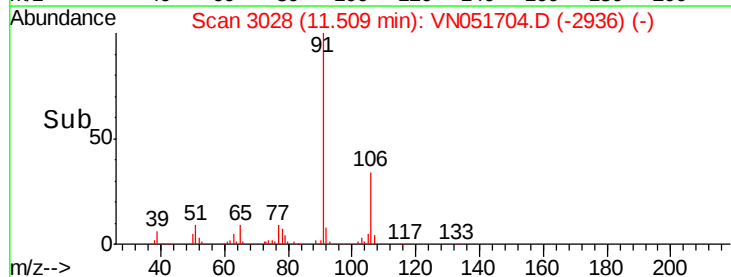
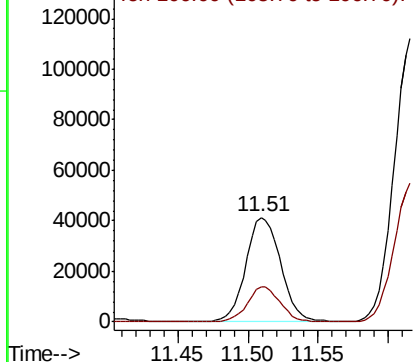


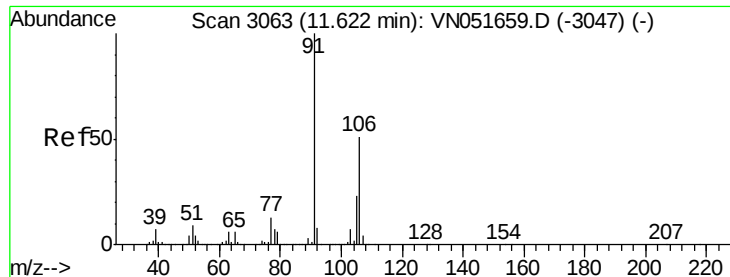
#67
Ethyl Benzene
Concen: 2.213 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

Tgt Ion: 91 Resp: 72236
Ion Ratio Lower Upper
91 100
106 34.1 26.0 39.0



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





#68

m/p-Xylenes

Concen: 8.171 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN051704.D

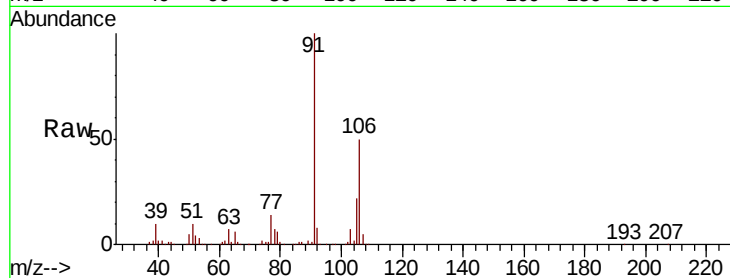
Acq: 5 Oct 2018 22:50

Tot Ion:106 Resp: 106726

Ion Ratio Lower Upper

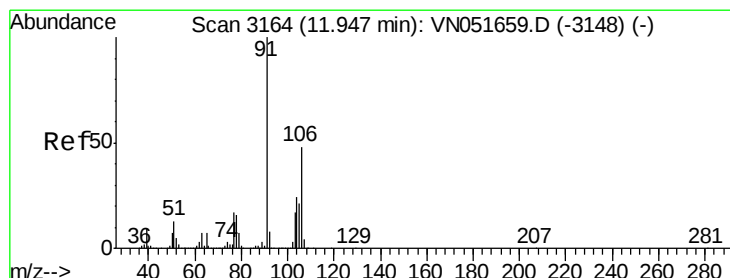
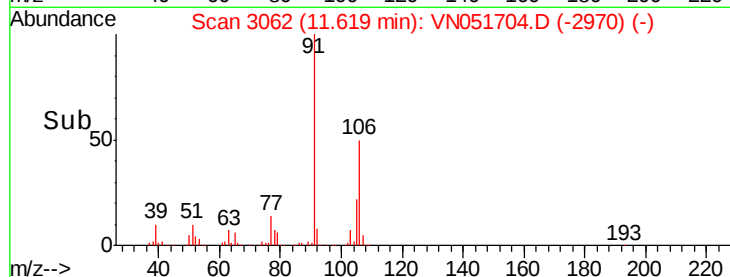
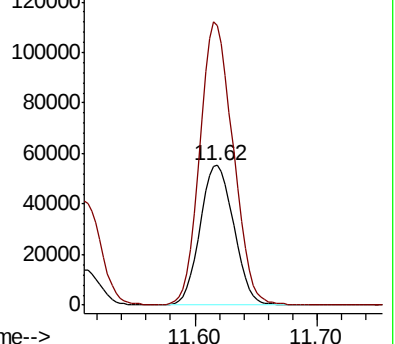
106 100

91 199.3 158.4 237.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 3.400 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN051704.D

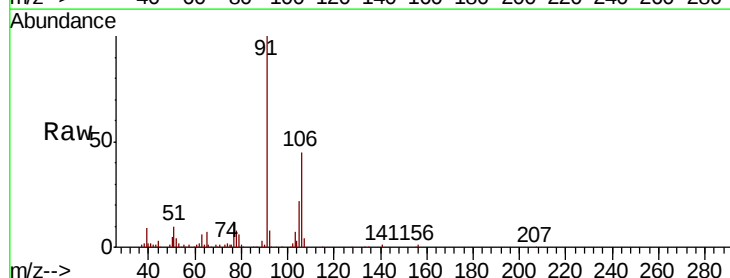
Acq: 5 Oct 2018 22:50

Tgt Ion:106 Resp: 43554

Ion Ratio Lower Upper

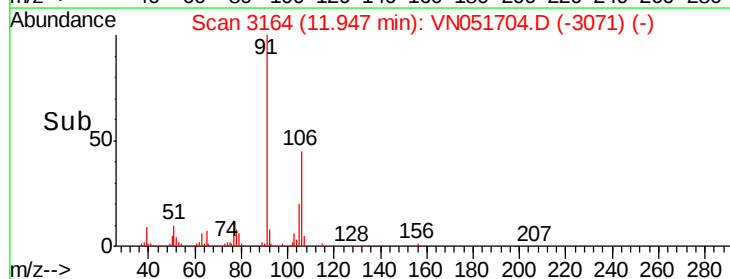
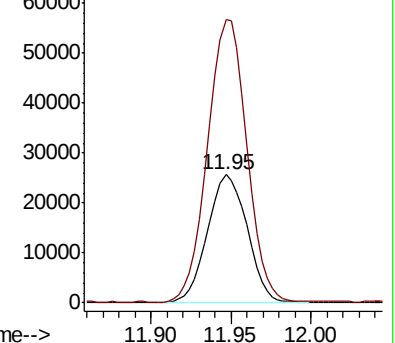
106 100

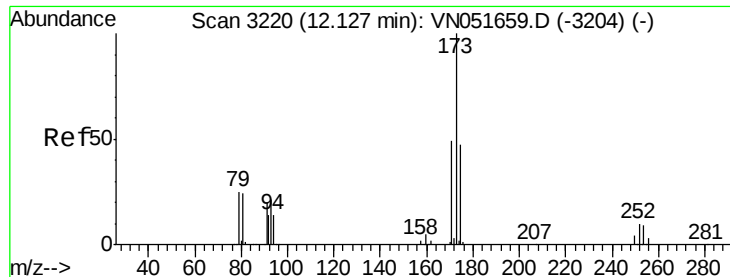
91 219.8 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 0.563 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN051704.D

Acq: 5 Oct 2018 22:50

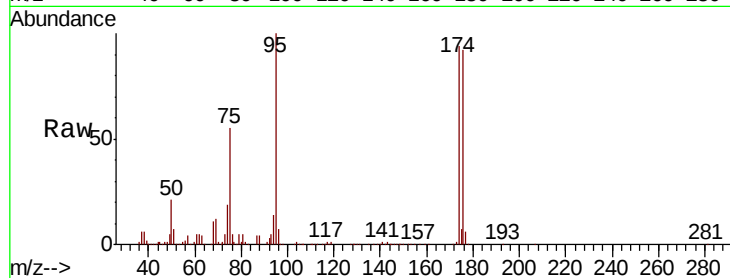
Tot Ion:173 Resp: 3166

Ion Ratio Lower Upper

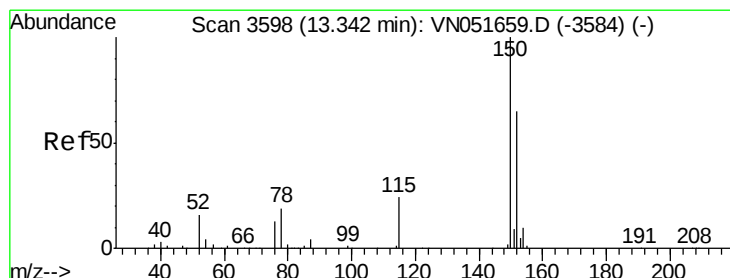
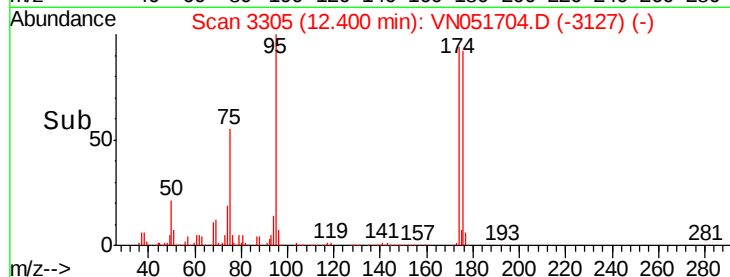
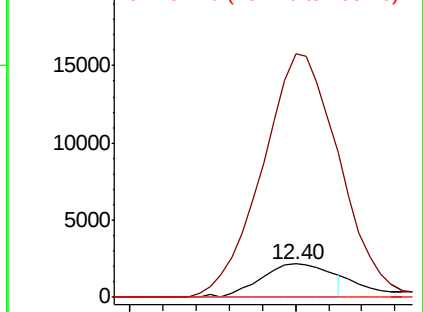
173 100

175 708.6 24.0 72.0#

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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051704.D

Acq: 5 Oct 2018 22:50

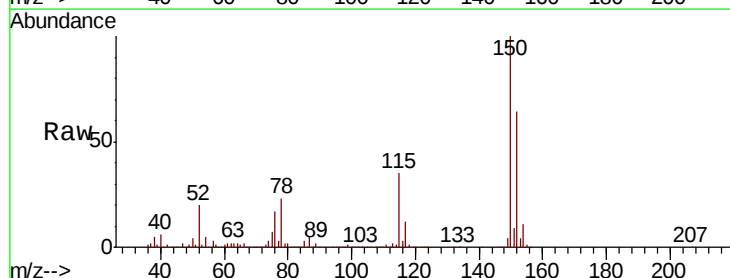
Tgt Ion:152 Resp: 350735

Ion Ratio Lower Upper

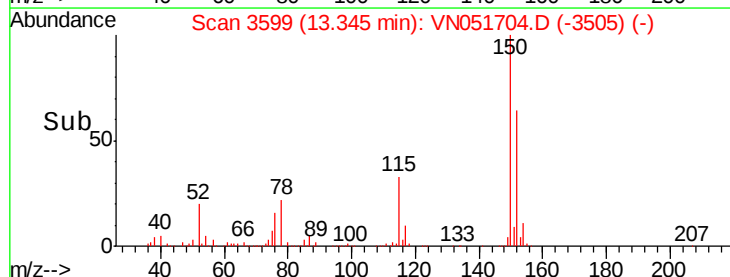
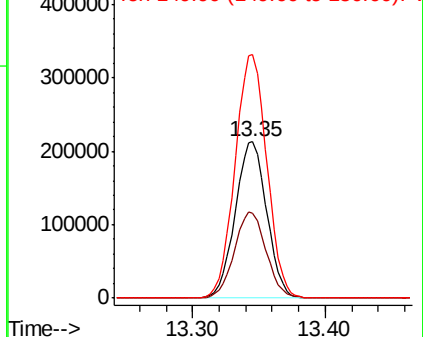
152 100

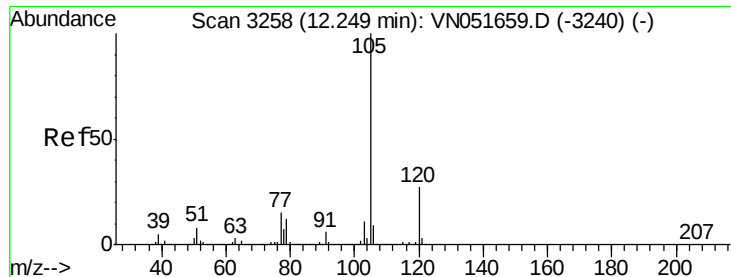
115 55.0 28.6 85.8

150 157.3 0.0 352.4



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: 0.288 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051704.D

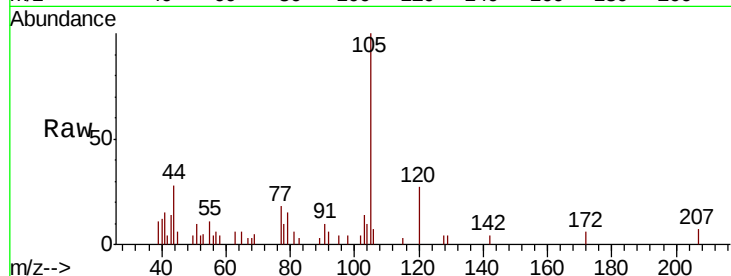
Acq: 5 Oct 2018 22:50

Tot Ion: 105 Resp: 8614

Ion Ratio Lower Upper

105 100

120 22.7 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

5000

4000

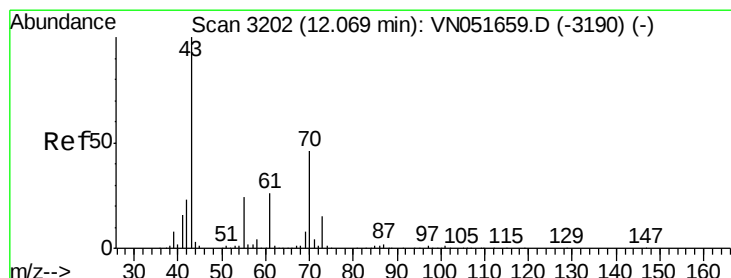
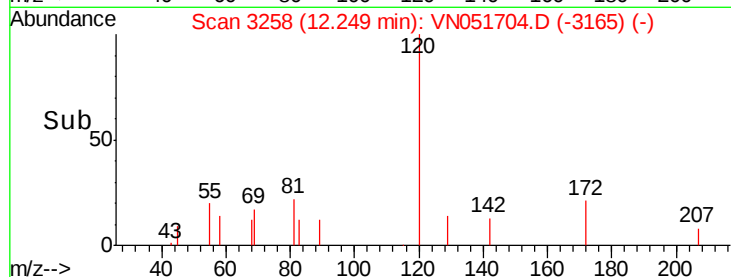
3000

2000

1000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.08 min Scan# 3205

Delta R.T. 0.01 min

Lab File: VN051704.D

Acq: 5 Oct 2018 22:50

Tgt Ion: 43 Resp: 62

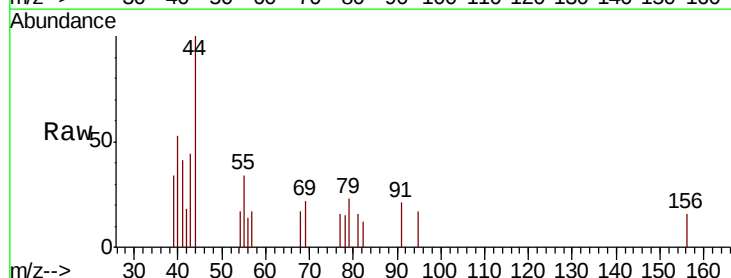
Ion Ratio Lower Upper

43 100

70 0.0 37.1 55.7#

55 337.1 19.1 28.7#

61 0.0 20.8 31.2#



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

800

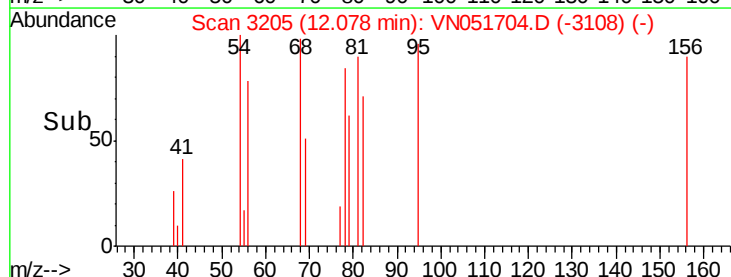
600

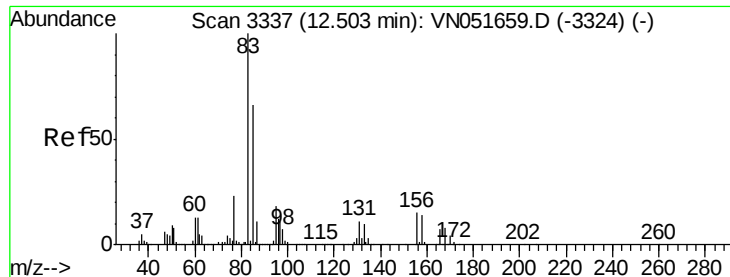
400

200

0

Time--> 12.07 12.08 12.09





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.48 min Scan# 3331

Delta R.T. -0.02 min

Lab File: VN051704.D

Acq: 5 Oct 2018 22:50

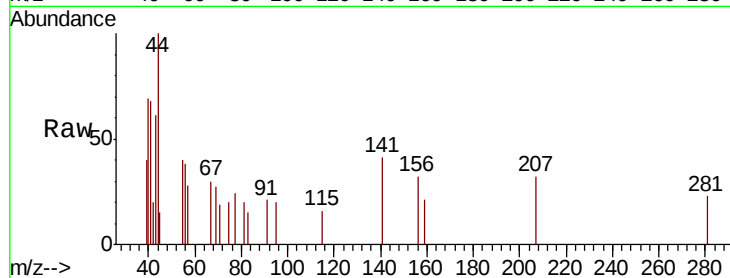
Tot Ion: 83 Resp: 29

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

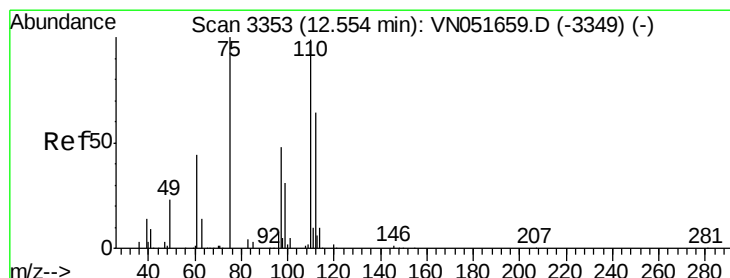
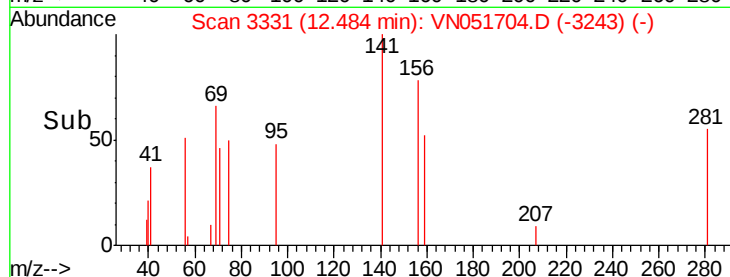
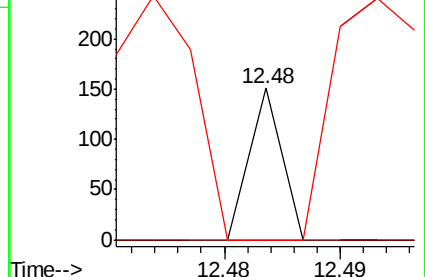
85 441.4 33.0 98.9#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 46.486 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051704.D

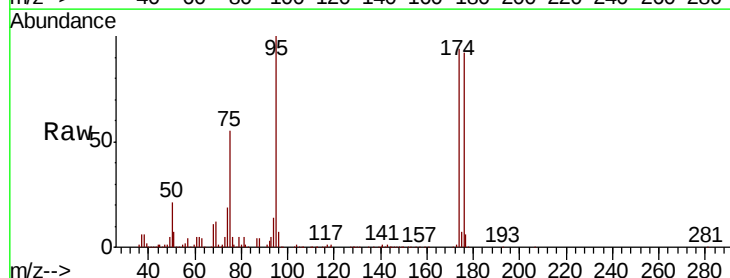
Acq: 5 Oct 2018 22:50

Tgt Ion: 75 Resp: 203843

Ion Ratio Lower Upper

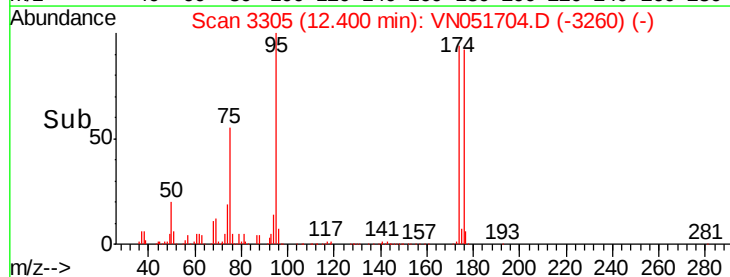
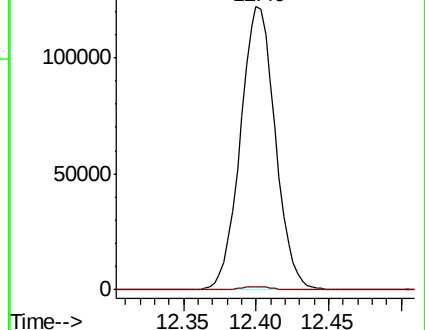
75 100

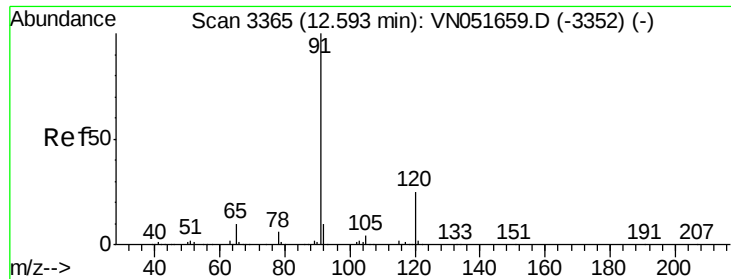
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 1.033 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051704.D

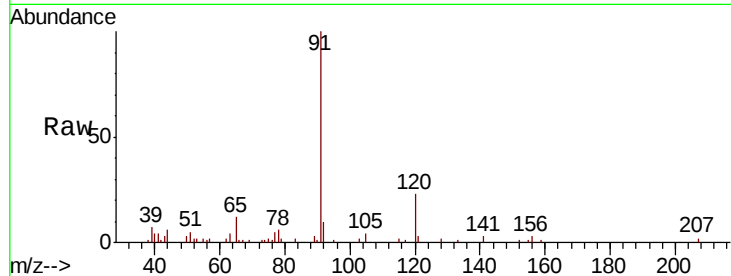
Acq: 5 Oct 2018 22:50

Tot Ion: 91 Resp: 33672

Ion Ratio Lower Upper

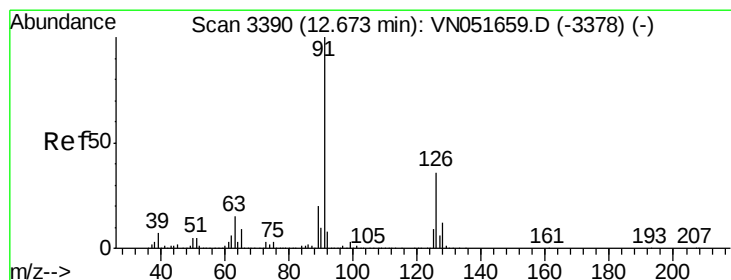
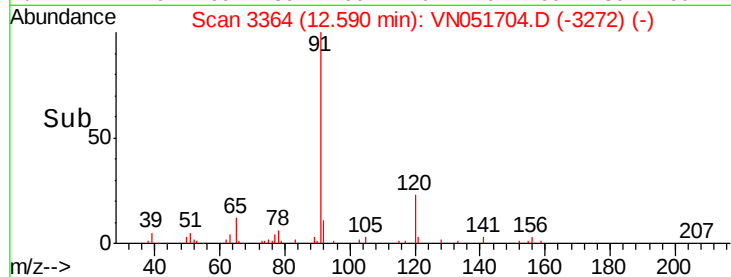
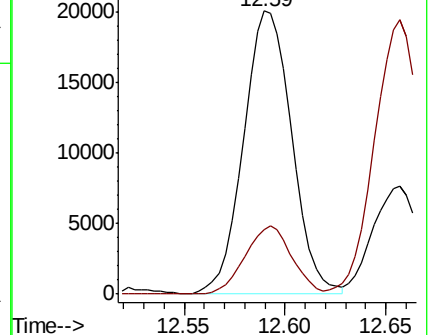
91 100

120 23.2 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.606 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN051704.D

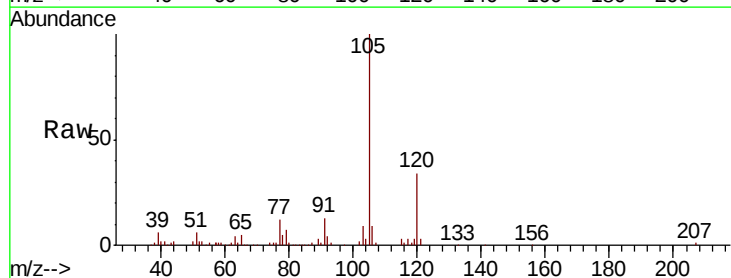
Acq: 5 Oct 2018 22:50

Tgt Ion: 91 Resp: 11642

Ion Ratio Lower Upper

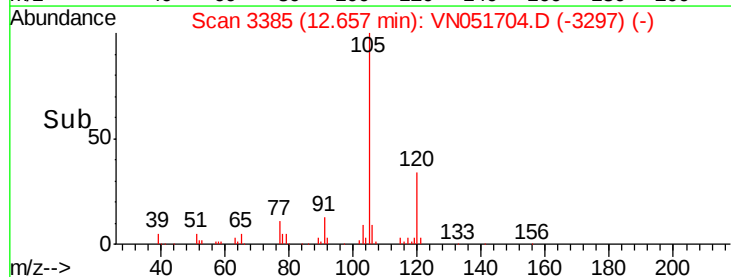
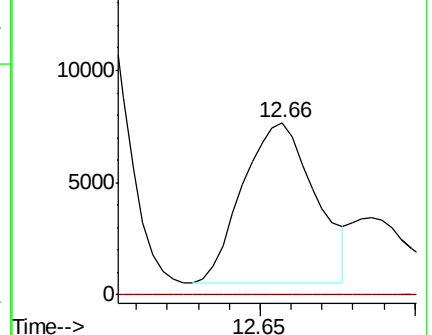
91 100

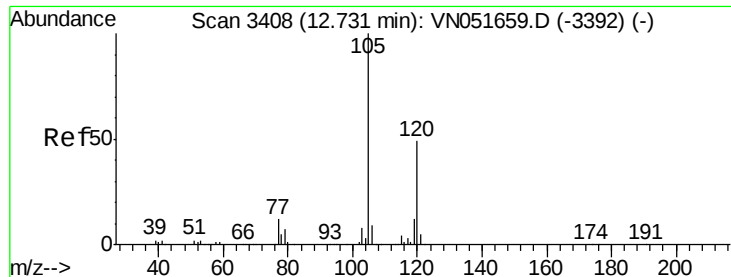
126 0.0 18.5 55.5#



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: 1.529 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051704.D

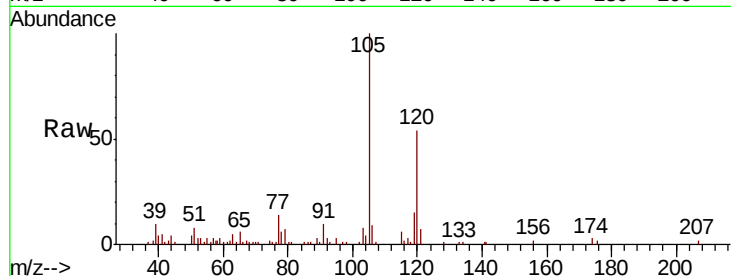
Acq: 5 Oct 2018 22:50

Tot Ion:105 Resp: 38528

Ion Ratio Lower Upper

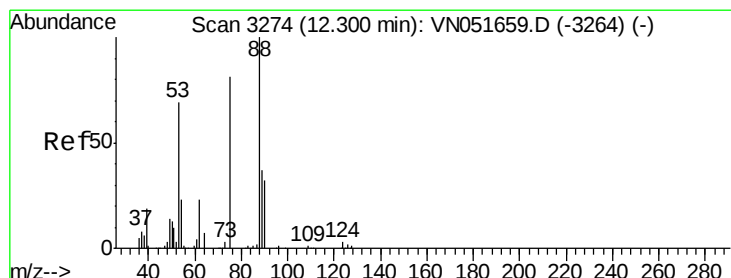
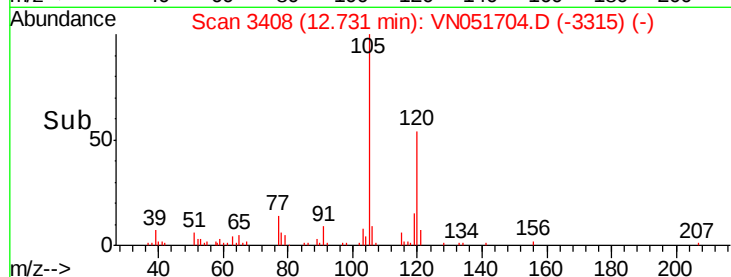
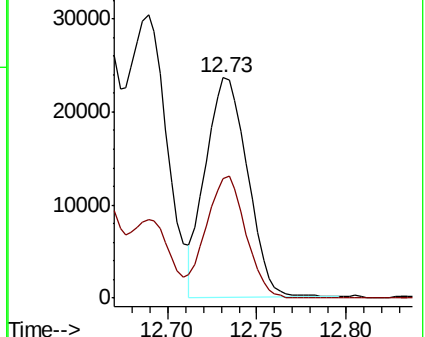
105 100

120 53.0 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 106.834 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051704.D

Acq: 5 Oct 2018 22:50

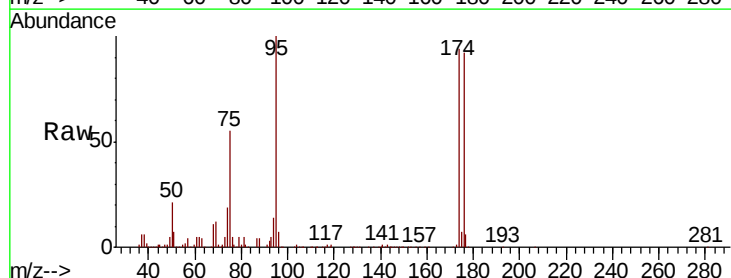
Tgt Ion: 75 Resp: 203843

Ion Ratio Lower Upper

75 100

53 0.1 68.6 102.8#

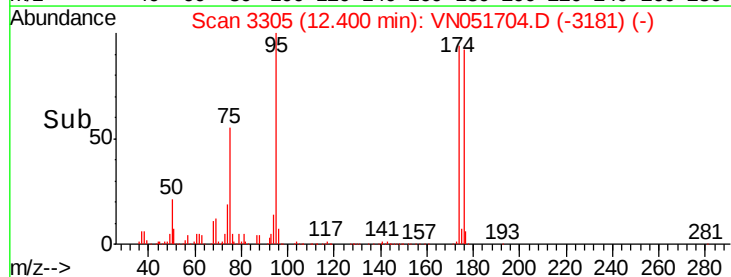
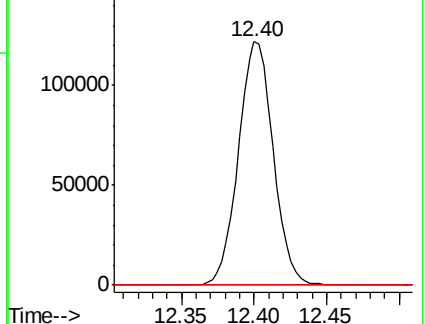
89 0.0 39.4 59.2#

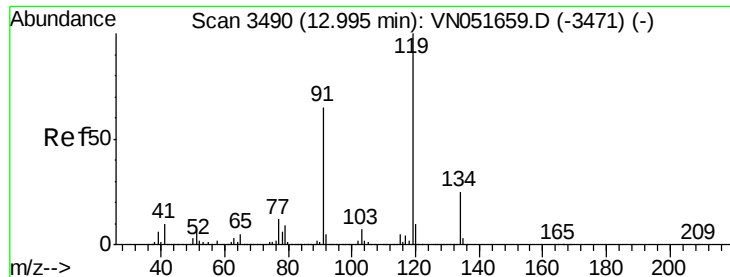


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#83

tert-Butylbenzene

Concen: 0.893 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN051704.D

Acq: 5 Oct 2018 22:50

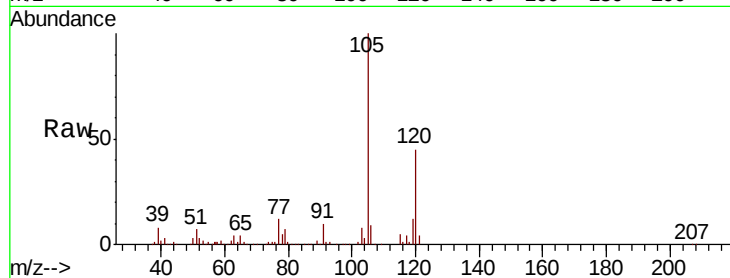
Tot Ion:119 Resp: 20163

Ion Ratio Lower Upper

119 100

91 92.4 32.1 96.5

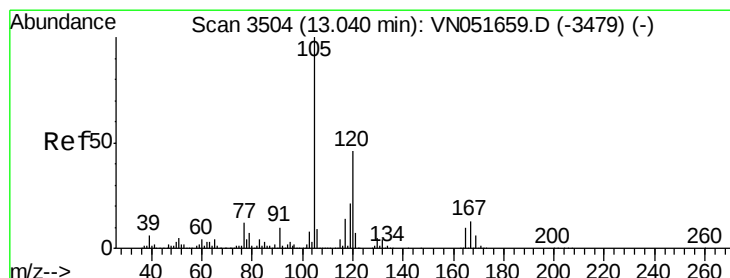
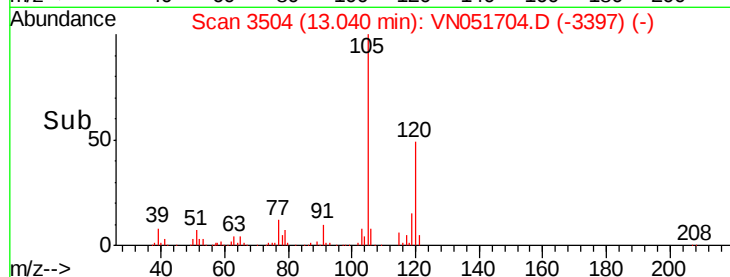
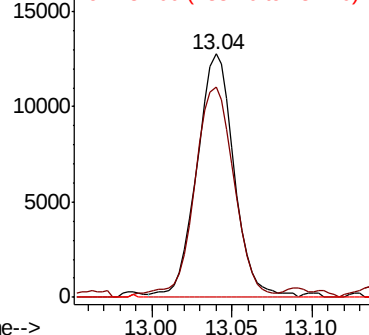
134 0.0 13.3 39.9#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 6.585 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051704.D

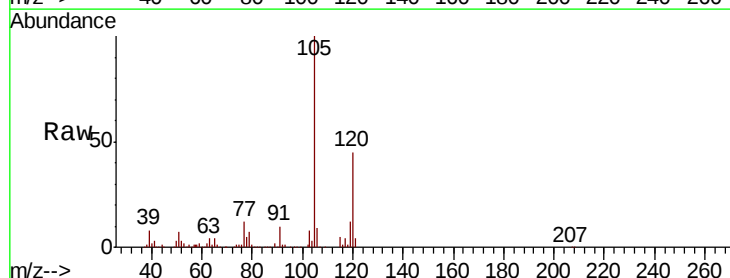
Acq: 5 Oct 2018 22:50

Tgt Ion:105 Resp: 166187

Ion Ratio Lower Upper

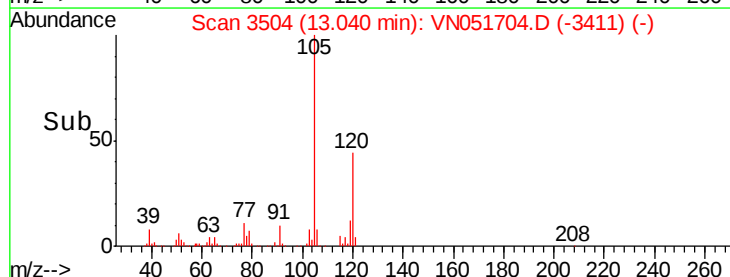
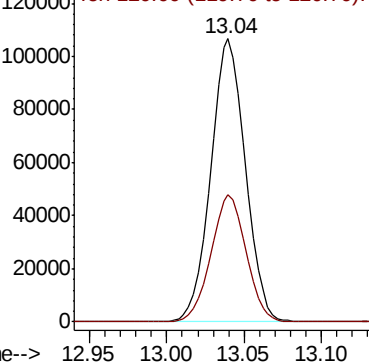
105 100

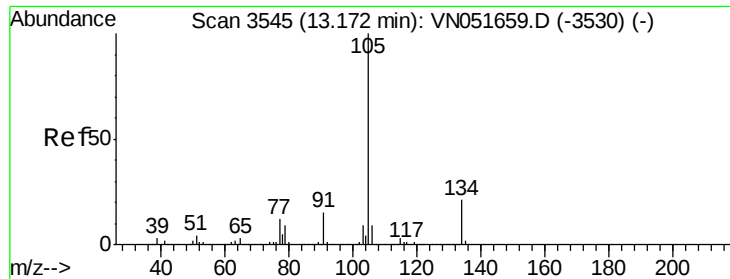
120 45.5 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 5.565 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN051704.D

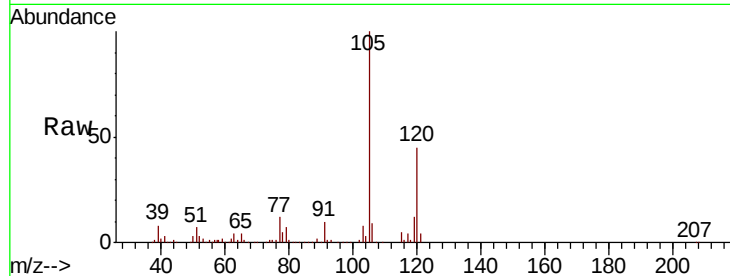
Acq: 5 Oct 2018 22:50

Tot Ion: 105 Resp: 166187

Ion Ratio Lower Upper

105 100

134 0.0 10.5 31.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

120000

100000

80000

60000

40000

20000

0

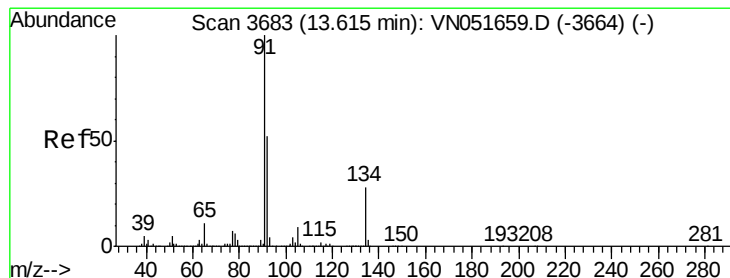
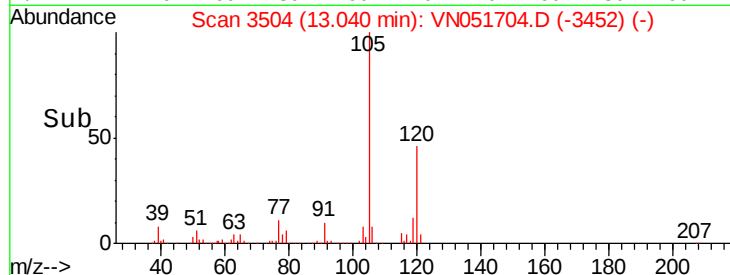
Time--> 12.95 13.00 13.05 13.10

13.04

13.04

13.04

13.04



#89

n-Butylbenzene

Concen: 0.663 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN051704.D

Acq: 5 Oct 2018 22:50

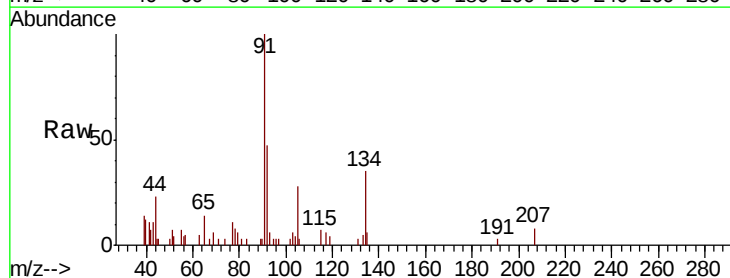
Tgt Ion: 91 Resp: 13871

Ion Ratio Lower Upper

91 100

92 37.3 26.0 78.0

134 0.0 14.2 42.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V

8000

6000

4000

2000

0

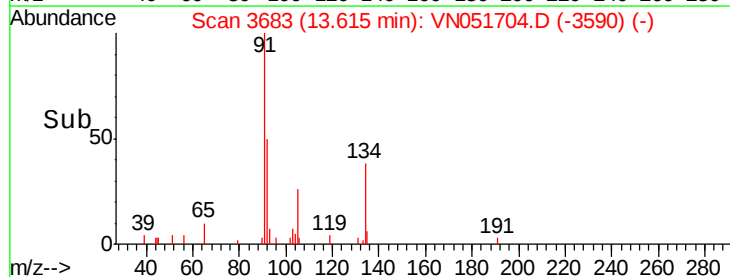
Time--> 13.55 13.60 13.65

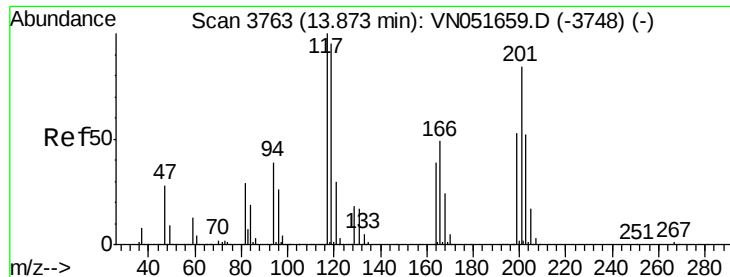
13.62

13.62

13.62

13.62





#90

Hexachloroethane

Concen: 0.588 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN051704.D

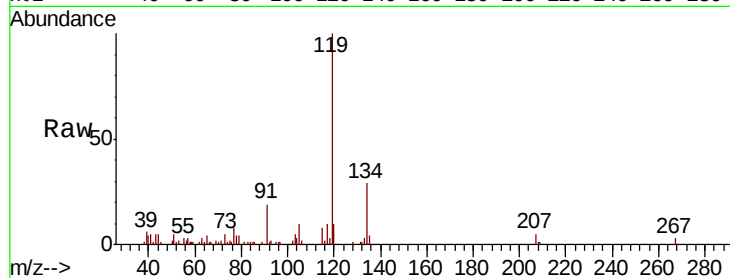
Acq: 5 Oct 2018 22:50

Tot Ion:117 Resp: 3104

Ion Ratio Lower Upper

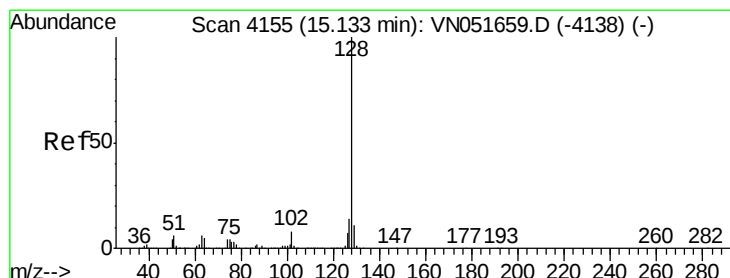
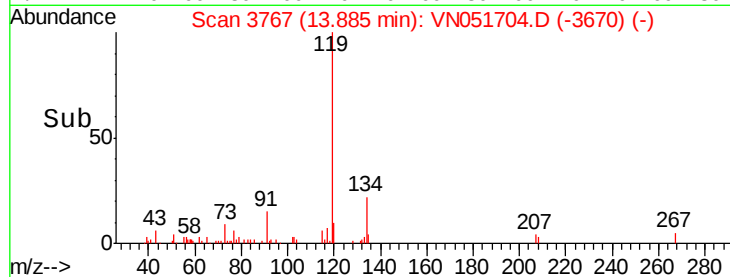
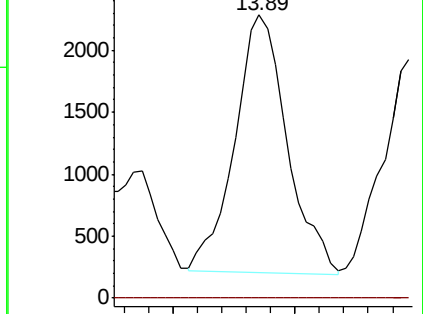
117 100

201 0.0 42.4 127.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 1.821 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051704.D

Acq: 5 Oct 2018 22:50

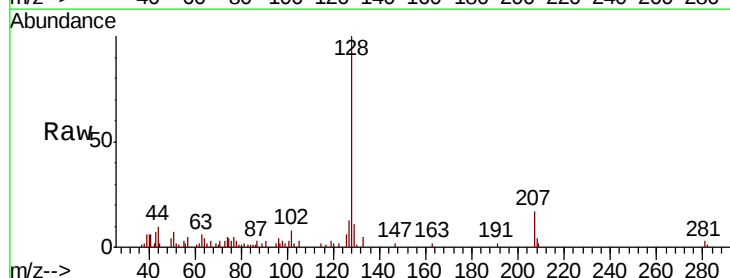
Tgt Ion:128 Resp: 22162

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 12.2 9.0 13.6



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

