

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\
 Data File : VN051712.D
 Acq On : 6 Oct 2018 2:07
 Operator : MD\SY
 Sample : J5165-01
 Misc : 6.10µ/5.00mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 42 Sample Multiplier: 28

Quant Time: Oct 06 03:36:15 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	606998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	877728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	775117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	441617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	362318	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.36%	
35) Dibromofluoromethane	7.59	113	328604	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
50) Toluene-d8	10.09	98	1241012	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	12.40	95	399877	44.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.24%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	66	1.158	ug/l #	42
7) Trichlorofluoromethane	2.98	101	64	Below Cal	#	58
11) Tert butyl alcohol	4.74	59	309	0.567	ug/l #	1
13) Acrolein	3.62	56	224	0.658	ug/l #	1
16) Acetone	3.82	43	990	Below Cal	#	44
18) Methyl Acetate	4.34	43	2341	0.529	ug/l	98
20) Methylene Chloride	4.54	84	1756	0.266	ug/l #	73
25) 2-Butanone	6.83	43	831	0.359	ug/l #	44
29) Tetrahydrofuran	7.22	42	616	0.434	ug/l #	28
31) Cyclohexane	7.66	56	13083	1.202	ug/l #	54
36) 1,1-Dichloropropene	7.66	75	40245	4.387	ug/l #	50
38) Carbon Tetrachloride	7.66	117	54973	4.994	ug/l #	15
41) Methacrylonitrile	7.18	41	153	Below Cal	#	36
43) Isopropyl Acetate	8.24	43	4317	0.433	ug/l #	59
55) 1,1,2-Trichloroethane	10.53	97	5758	0.894	ug/l #	20
56) Ethyl methacrylate	10.44	69	2433	0.299	ug/l #	1
59) 2-Hexanone	10.72	43	24937	7.264	ug/l #	26
68) m/p-Xylenes	11.62	106	2727	0.205	ug/l	82
71) Bromoform	12.40	173	3404	0.595	ug/l #	1
73) Isopropylbenzene	12.25	105	73340	1.948	ug/l	99
74) N-amyl acetate	12.04	43	267968	33.348	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.48	83	22377	Below Cal	#	8
76) 1,2,3-Trichloropropane	12.40	75	213511	37.919	ug/l #	100
78) n-propylbenzene	12.59	91	276139	6.725	ug/l	99
79) 2-Chlorotoluene	12.59	91	276139	11.411	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.59	105	11238	0.354	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.40	75	213511	88.872	ug/l #	15
82) 4-Chlorotoluene	13.04	91	48154	1.981	ug/l	71
83) tert-Butylbenzene	12.99	119	37240	1.310	ug/l	86
84) 1,2,4-Trimethylbenzene	13.04	105	541462	17.039	ug/l	98
85) sec-Butylbenzene	13.17	105	299585	7.967	ug/l #	75
86) p-Isopropyltoluene	13.44	119	67008	2.010	ug/l	90
89) n-Butylbenzene	13.61	91	194760	7.389	ug/l #	83
90) Hexachloroethane	13.89	117	32760	4.926	ug/l #	7

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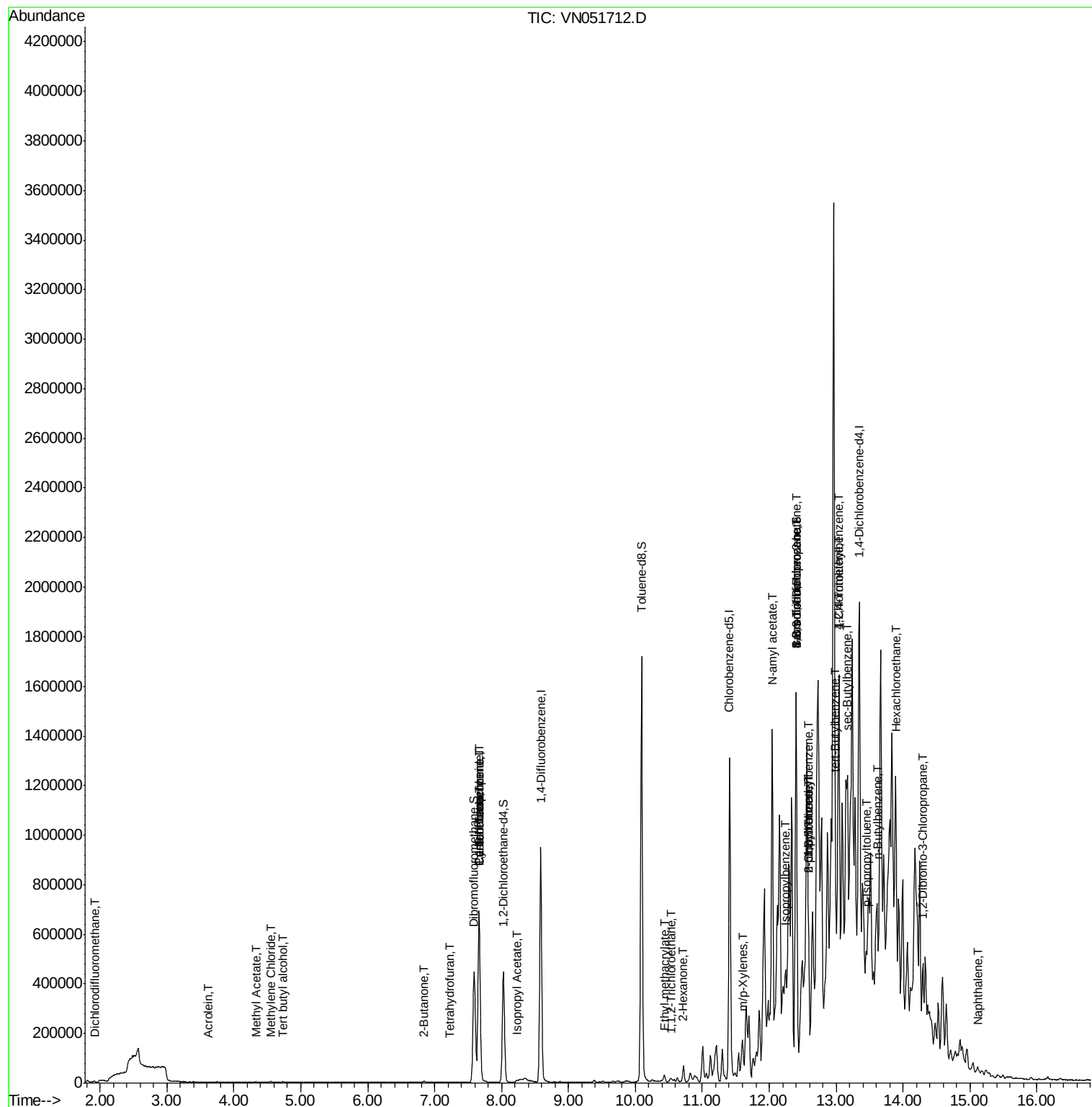
Quant Time: Oct 06 03:36:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
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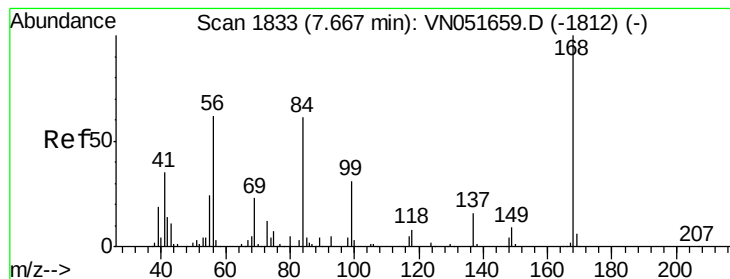
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.29	75	862	0.652	ug/l #	1
95) Naphthalene	15.14	128	6334	0.413	ug/l #	88

(#) = 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: VN051712.D

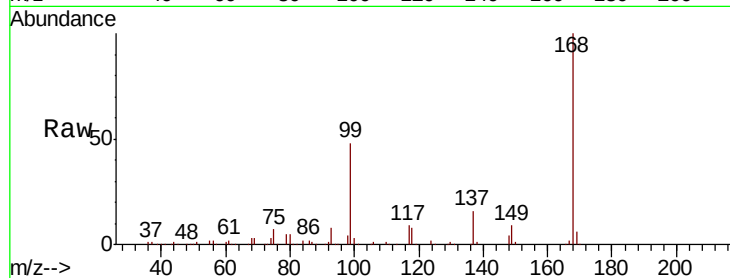
Acq: 6 Oct 2018 2:07

Tot Ion:168 Resp: 606998

Ion Ratio Lower Upper

168 100

99 48.1 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): VN051712.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051712.D (-1740) (-)

7.67

250000

200000

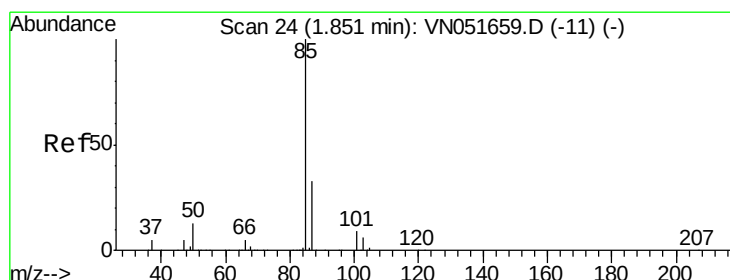
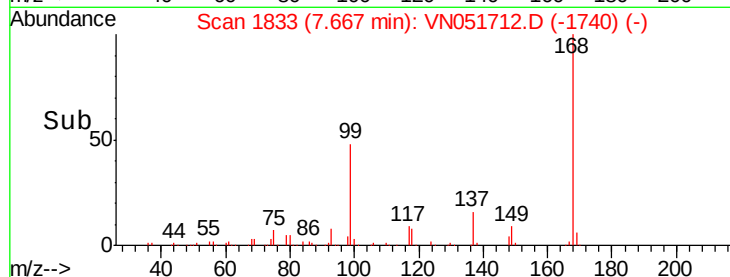
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.158 ug/l

RT: 1.91 min Scan# 44

Delta R.T. 0.06 min

Lab File: VN051712.D

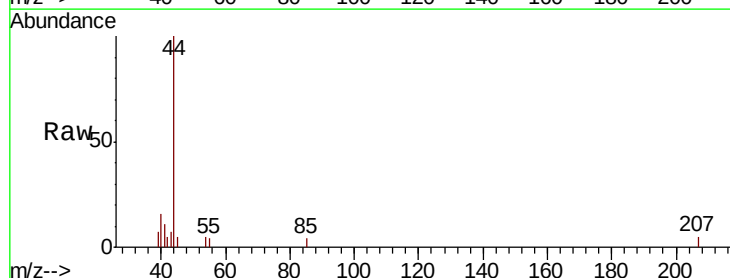
Acq: 6 Oct 2018 2:07

Tgt Ion: 85 Resp: 66

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.4#



Abundance Ion 84.90 (84.60 to 85.60): VN051712.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN051712.D (-1) (-)

1.91

200

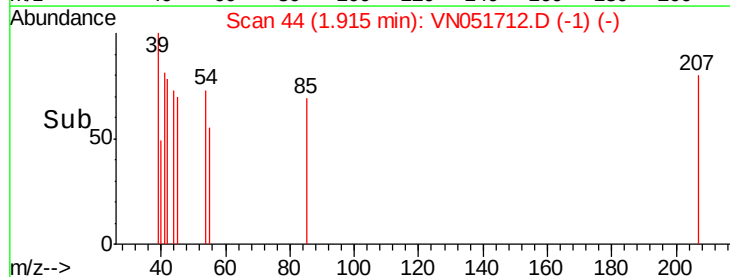
150

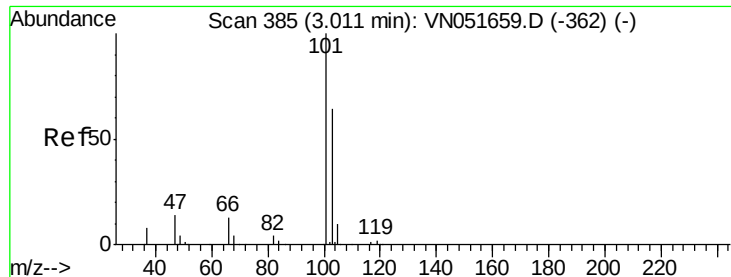
100

50

0

Time-->

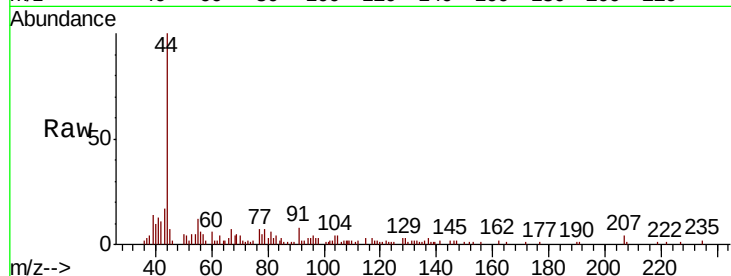




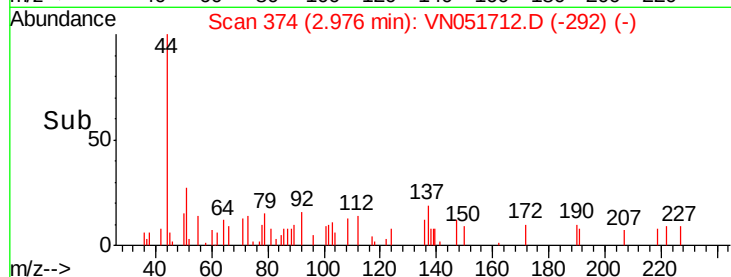
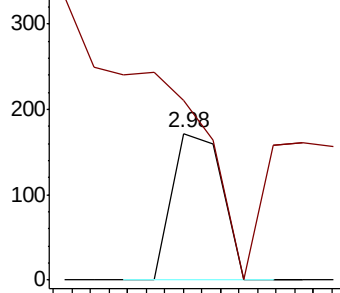
#7

Trichlorofluoromethane
Concen: Below Cal
RT: 2.98 min Scan# 374
Delta R.T. -0.03 min
Lab File: VN051712.D
Acq: 6 Oct 2018 2:07

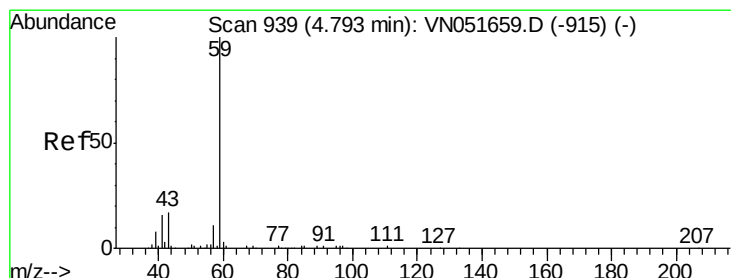
Tot Ion	Ratio	Lower	Upper
101	100		
103	30.8	51.1	76.7#



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



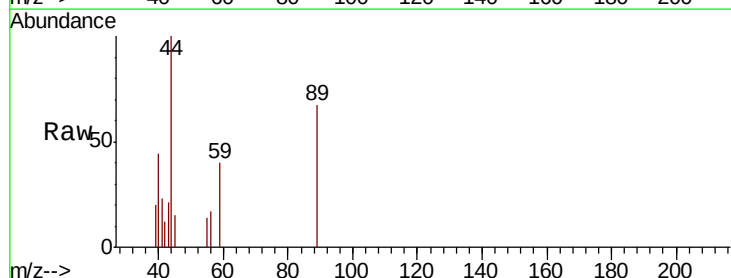
Time-->



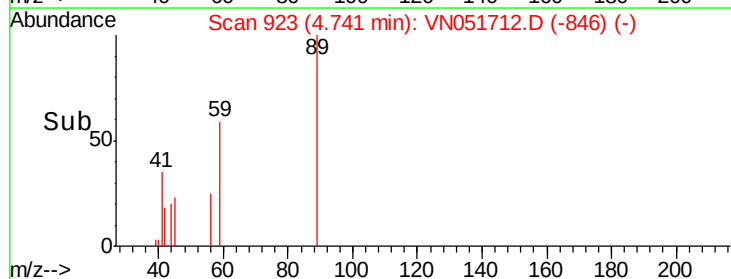
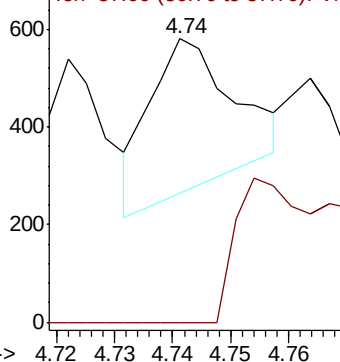
#11

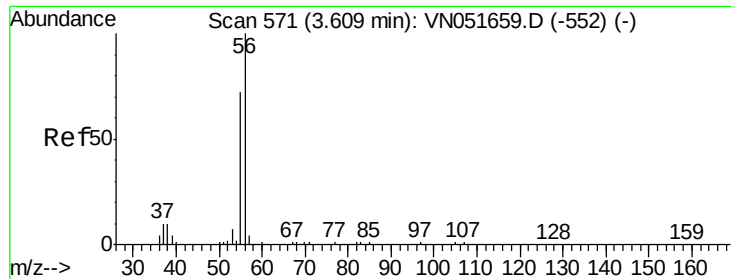
Tert butyl alcohol
Concen: 0.567 ug/l
RT: 4.74 min Scan# 923
Delta R.T. -0.05 min
Lab File: VN051712.D
Acq: 6 Oct 2018 2:07

Tgt Ion	Ratio	Lower	Upper
59	100		
57	118.4	8.1	12.1#



Abundance Ion 59.00 (58.70 to 59.70): VNO
Ion 57.00 (56.70 to 57.70): VNO





#13

Acrolein

Concen: 0.658 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN051712.D

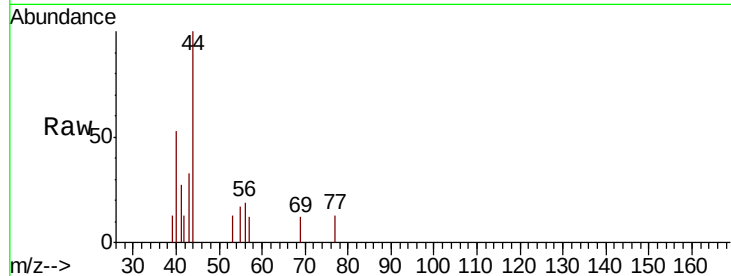
Acq: 6 Oct 2018 2:07

Tot Ion: 56 Resp: 224

Ion Ratio Lower Upper

56 100

55 187.5 57.5 86.3#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.62

250

200

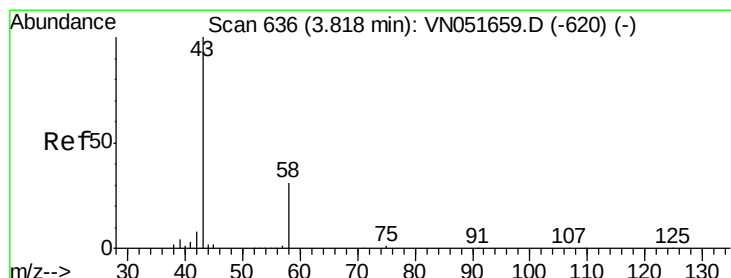
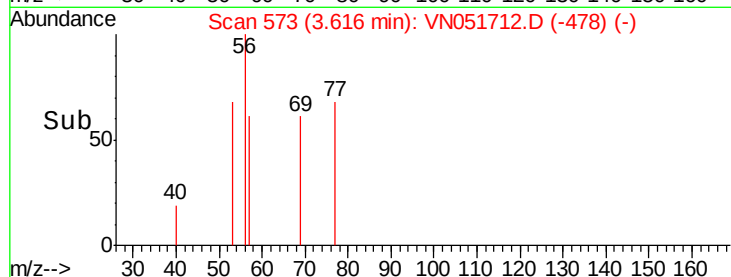
150

100

50

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051712.D

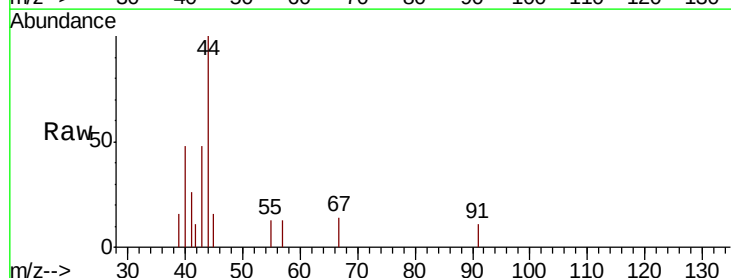
Acq: 6 Oct 2018 2:07

Tgt Ion: 43 Resp: 990

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

3.82

800

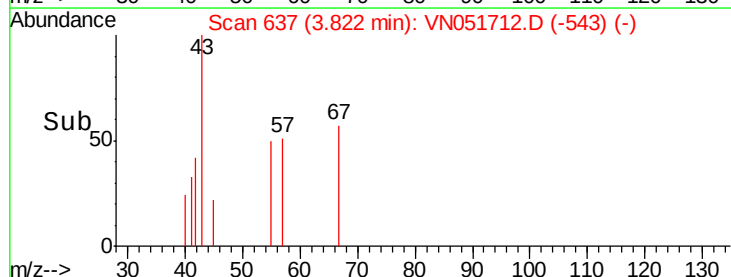
600

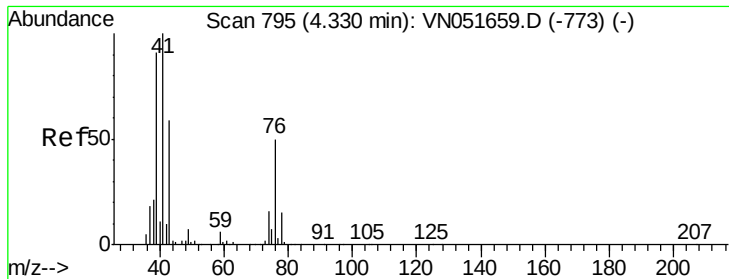
400

200

0

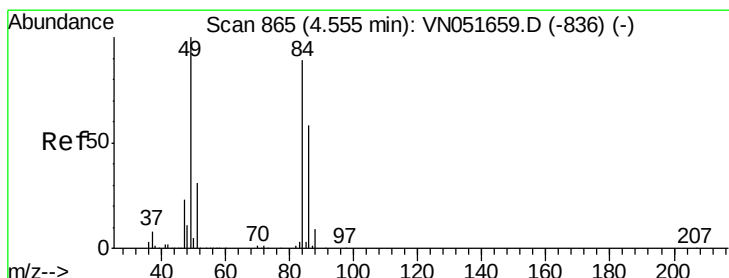
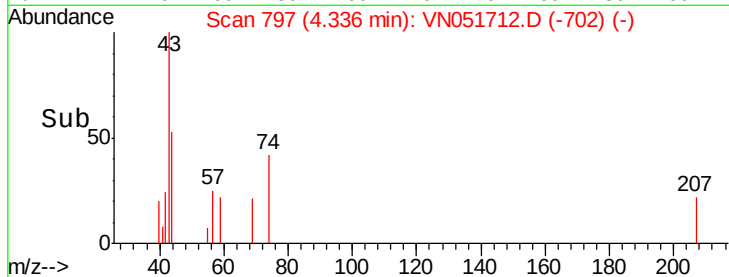
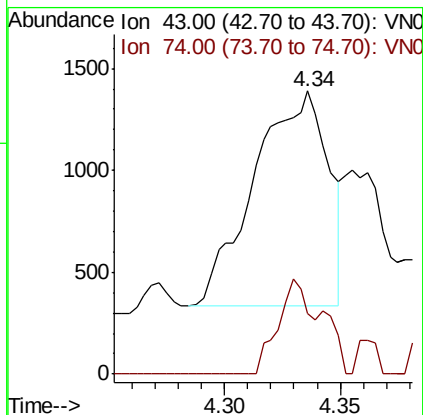
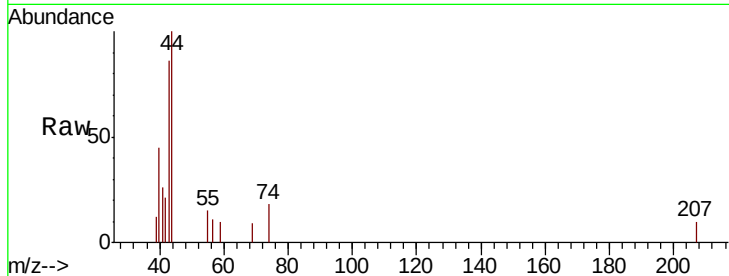
Time-->





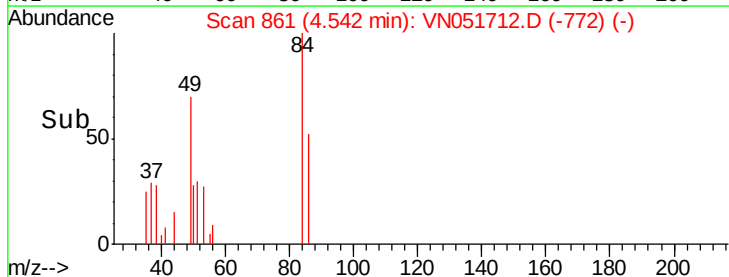
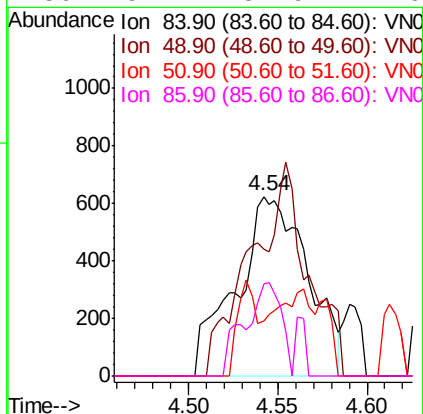
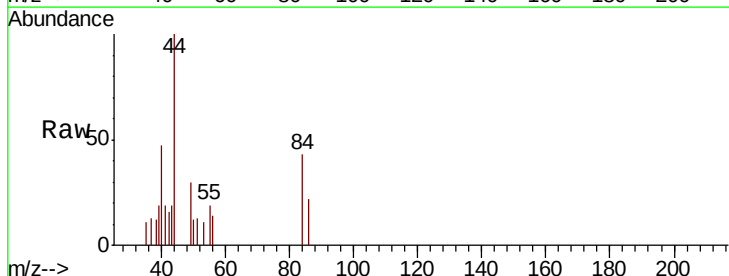
#18
Methyl Acetate
Concen: 0.529 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051712.D
Acq: 6 Oct 2018 2:07

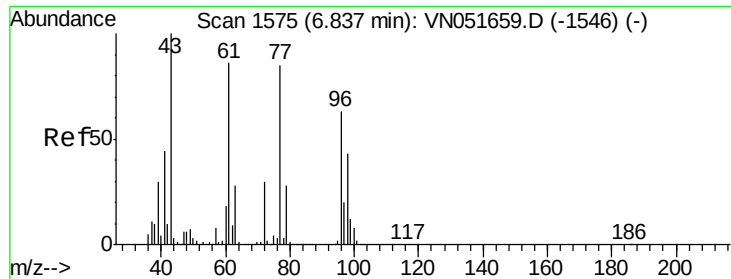
Tot Ion: 43 Resp: 2341
Ion Ratio Lower Upper
43 100
74 25.7 21.5 32.3



#20
Methylene Chloride
Concen: 0.266 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.01 min
Lab File: VN051712.D
Acq: 6 Oct 2018 2:07

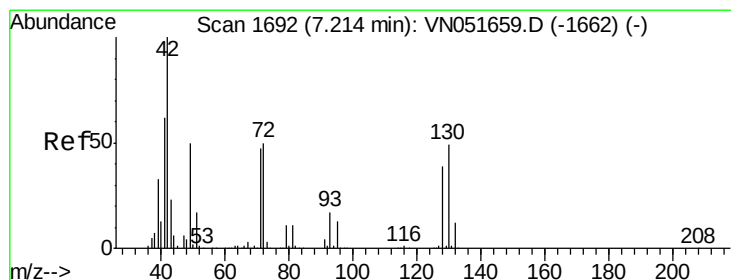
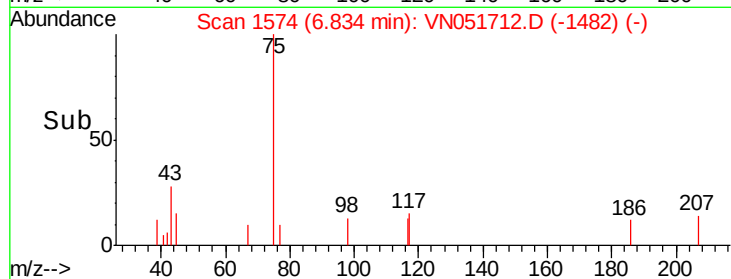
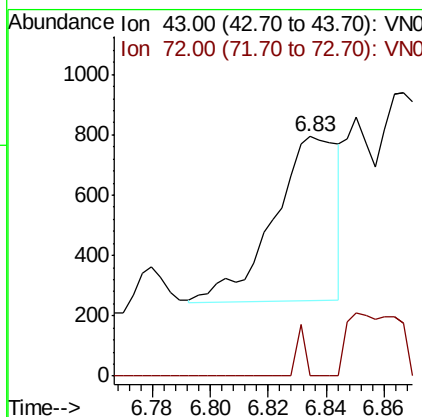
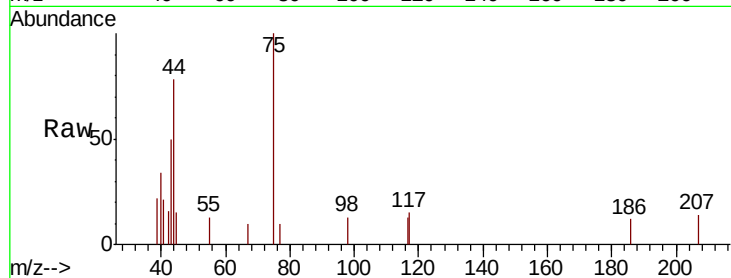
Tgt Ion: 84 Resp: 1756
Ion Ratio Lower Upper
84 100
49 70.2 89.5 134.3#
51 30.4 27.4 41.0
86 51.7 51.9 77.9#





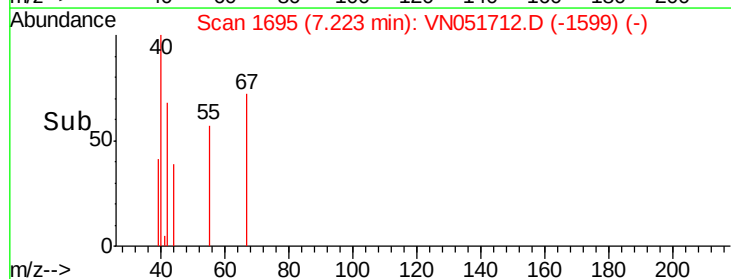
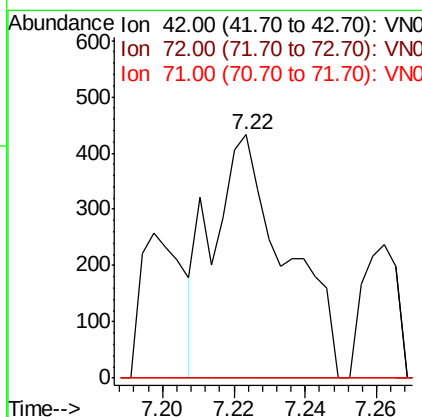
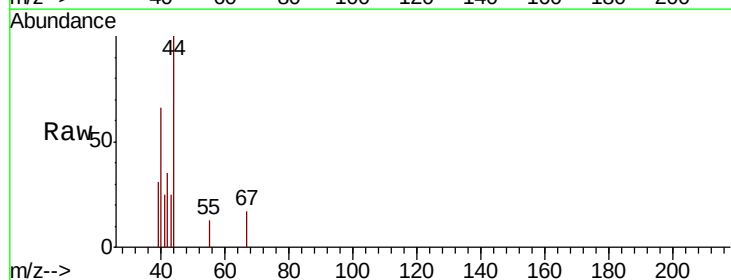
#25
 2-Butanone
 Concen: 0.359 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VN051712.D
 Acq: 6 Oct 2018 2:07

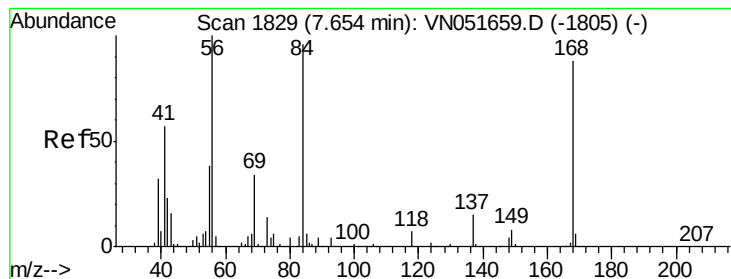
Tot Ion: 43 Resp: 831
 Ion Ratio Lower Upper
 43 100
 72 0.0 24.2 36.2#



#29
 Tetrahydrofuran
 Concen: 0.434 ug/l
 RT: 7.22 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: VN051712.D
 Acq: 6 Oct 2018 2:07

Tgt Ion: 42 Resp: 616
 Ion Ratio Lower Upper
 42 100
 72 0.0 40.1 60.1#
 71 0.0 38.0 57.0#





#31

Cyclohexane

Concen: 1.202 ug/l

RT: 7.66 min Scan# 1831

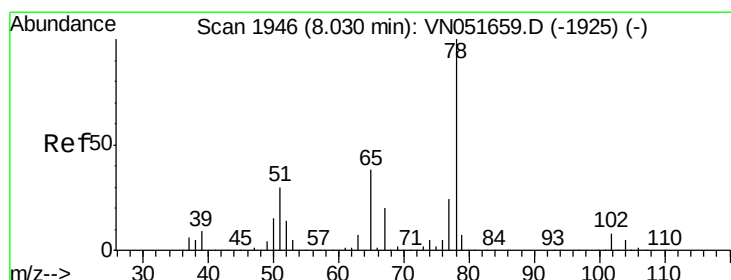
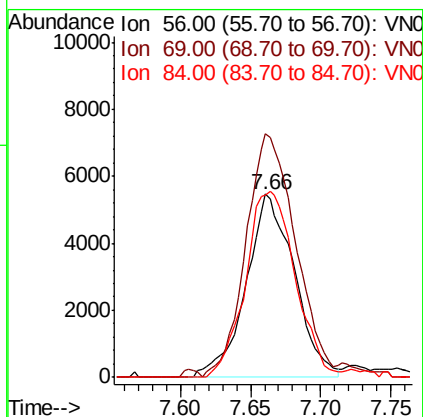
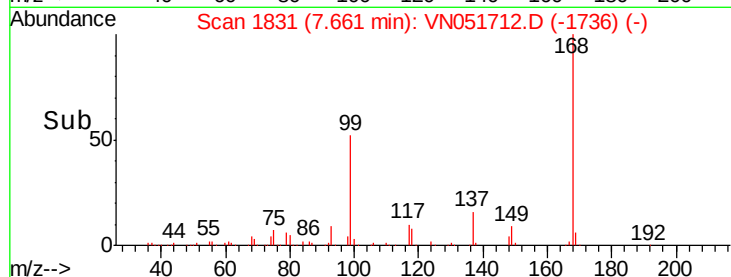
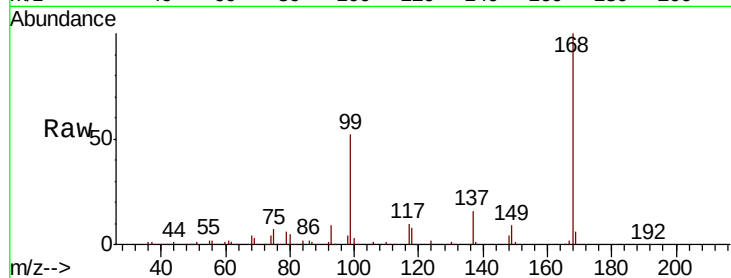
Delta R.T. 0.01 min

Lab File: VN051712.D

Acq: 6 Oct 2018 2:07

Tot Ion: 56 Resp: 13083

Ion	Ratio	Lower	Upper
56	100		
69	128.8	27.5	41.3#
84	99.7	76.7	115.1



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

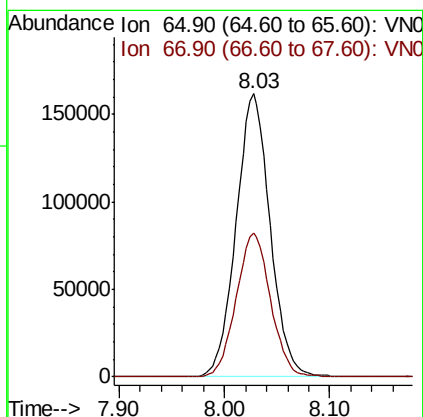
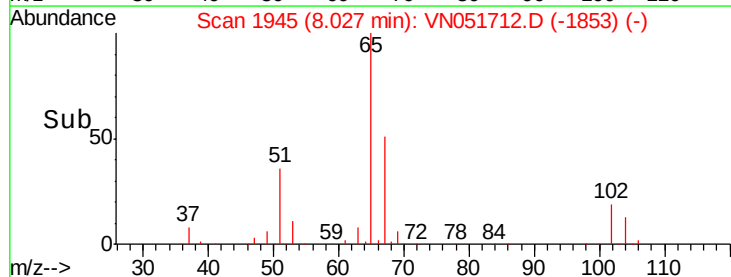
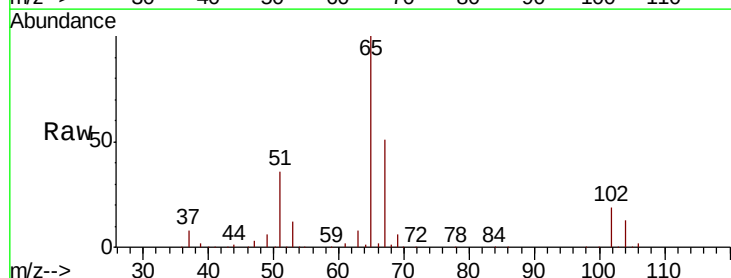
Delta R.T. -0.00 min

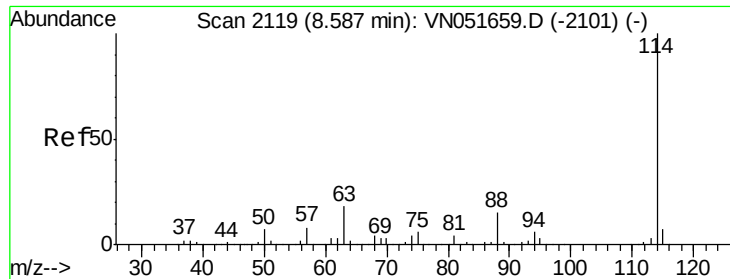
Lab File: VN051712.D

Acq: 6 Oct 2018 2:07

Tgt Ion: 65 Resp: 362318

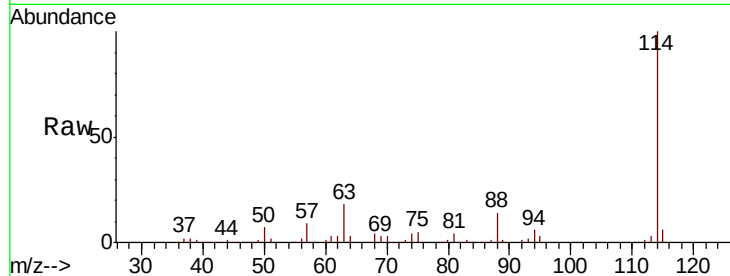
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.6



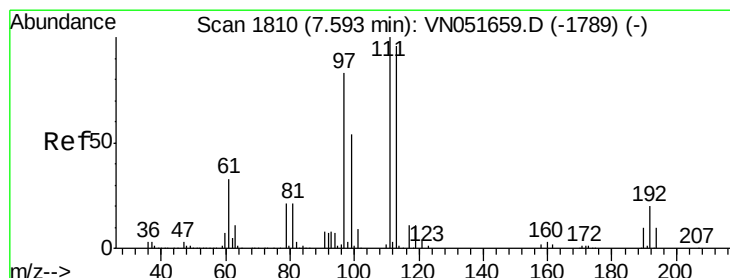
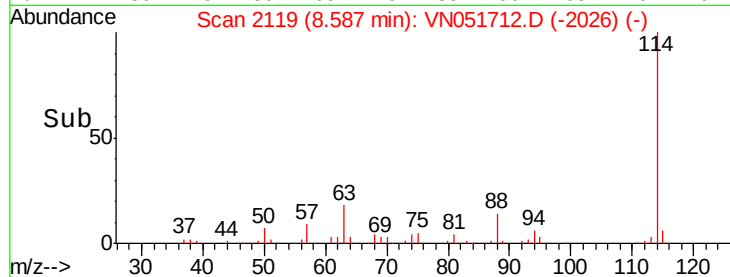
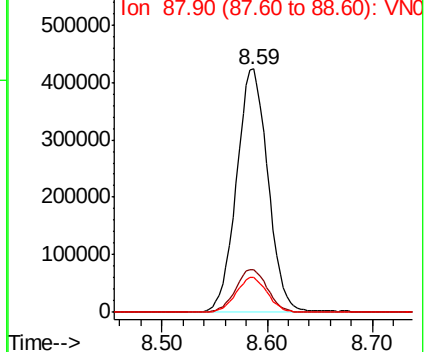


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051712.D
 Acq: 6 Oct 2018 2:07

Tot Ion:114 Resp: 877728
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.2
 88 14.5 0.0 30.2

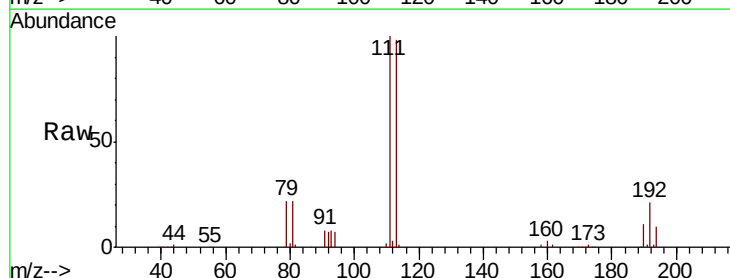


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

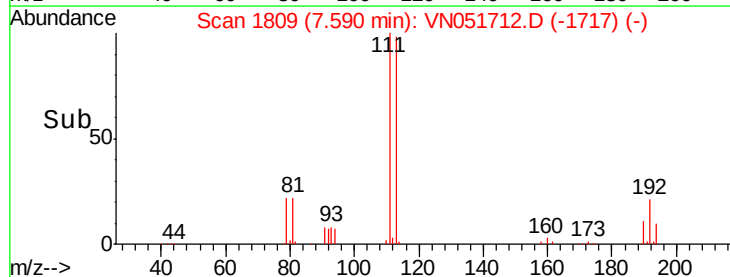
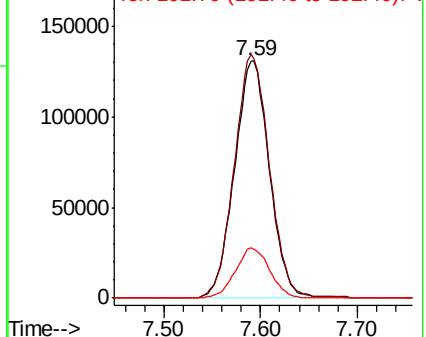


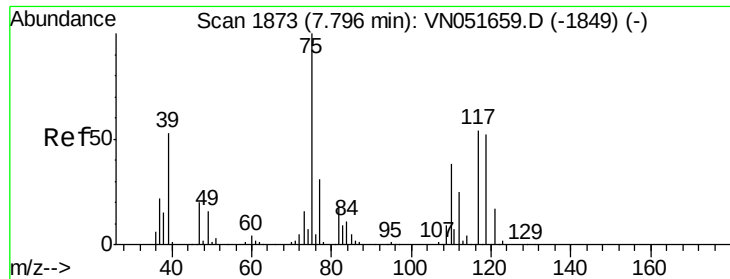
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051712.D
 Acq: 6 Oct 2018 2:07

Tgt Ion:113 Resp: 328604
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.8 122.8
 192 20.9 16.5 24.7



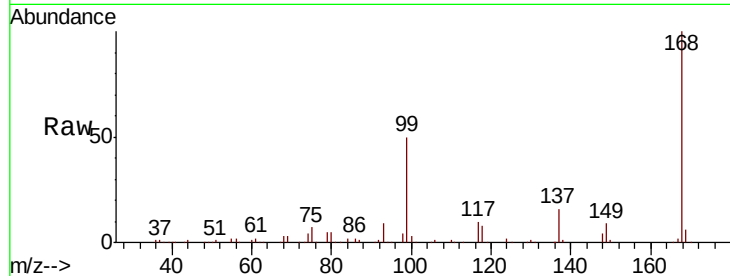
Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



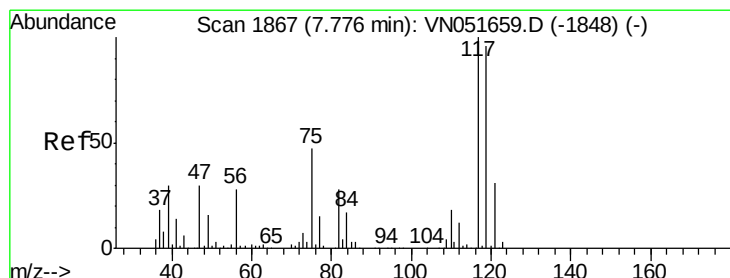
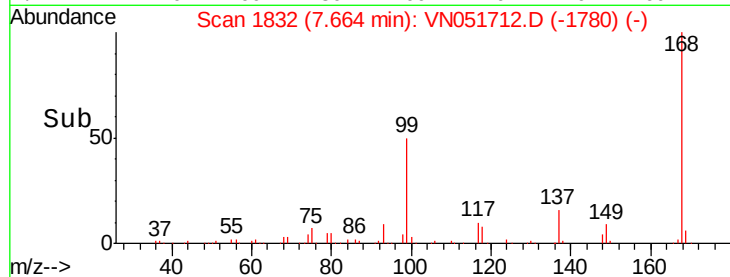
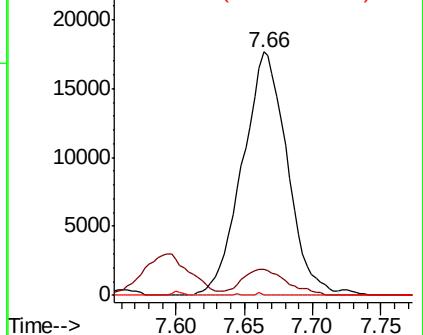


#36
 1,1-Dichloropropene
 Concen: 4.387 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN051712.D
 Acq: 6 Oct 2018 2:07

Tot Ion	75	Resp	40245
Ion Ratio	Lower	Upper	
75	100		
110	10.7	19.3	57.8#
77	0.1	24.7	37.1#

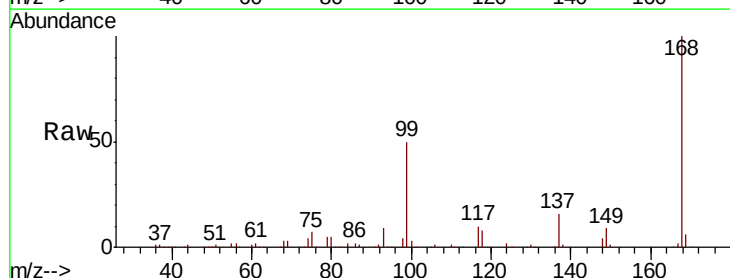


Abundance Ion 74.90 (74.60 to 75.60): VN051712.D (-1780) (-)

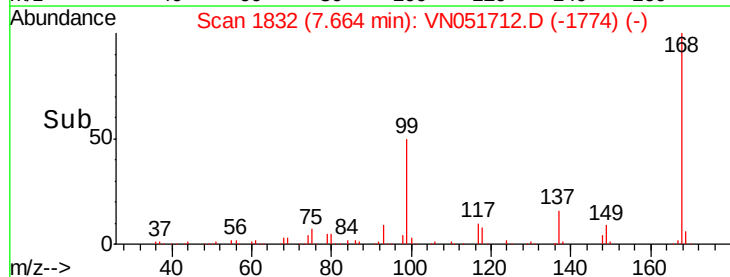
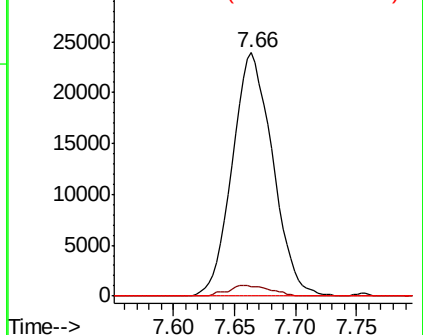


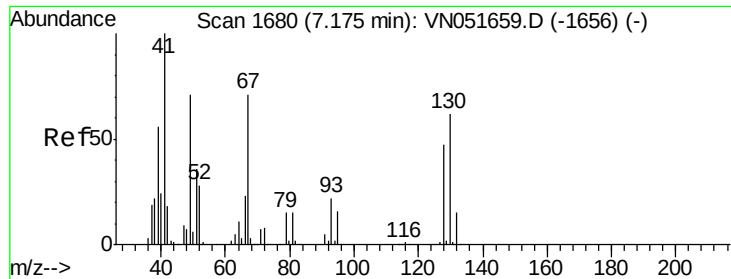
#38
 Carbon Tetrachloride
 Concen: 4.994 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN051712.D
 Acq: 6 Oct 2018 2:07

Tgt Ion	117	Resp	54973
Ion Ratio	Lower	Upper	
117	100		
119	4.1	77.0	115.6#
121	0.0	25.0	37.6#



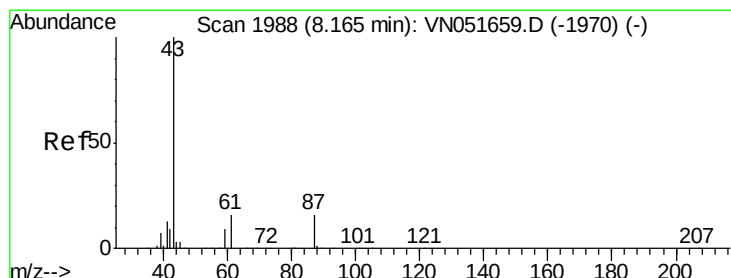
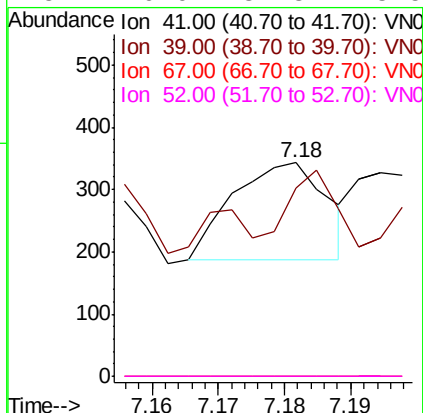
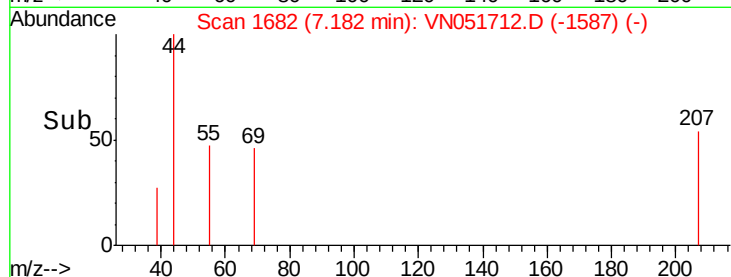
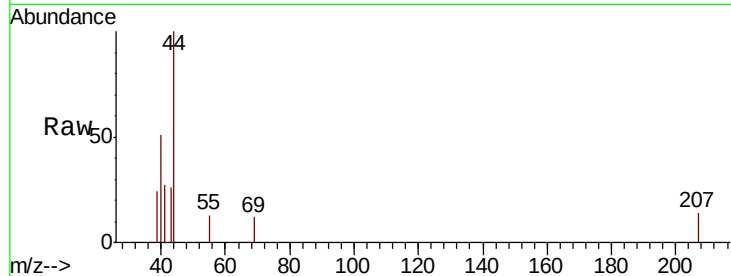
Abundance Ion 116.80 (116.50 to 117.50): VN051712.D (-1774) (-)





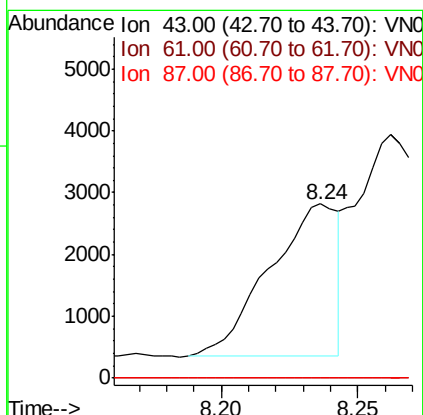
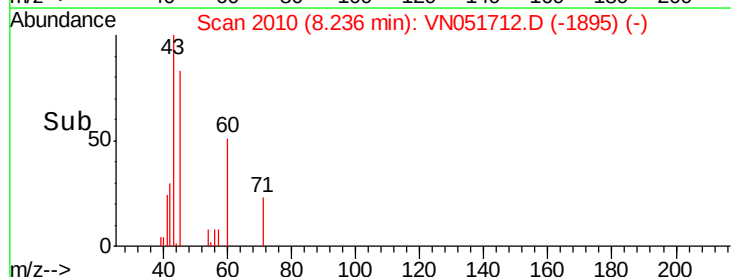
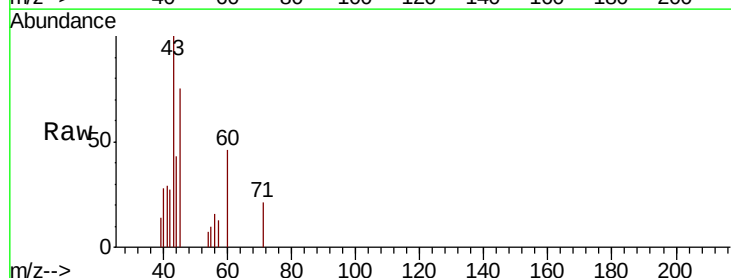
#41
Methacrylonitrile
Concen: Below Cal
RT: 7.18 min Scan# 1682
Delta R.T. 0.01 min
Lab File: VN051712.D
Acq: 6 Oct 2018 2:07

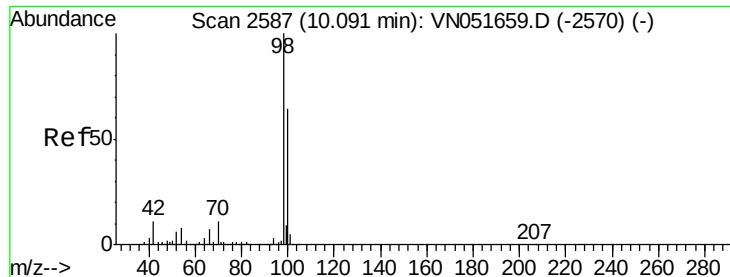
Tot Ion: 41 Resp: 153
Ion Ratio Lower Upper
41 100
39 58.2 53.9 80.9
67 0.0 78.1 117.1#
52 0.0 32.3 48.5#



#43
Isopropyl Acetate
Concen: 0.433 ug/l
RT: 8.24 min Scan# 2010
Delta R.T. 0.07 min
Lab File: VN051712.D
Acq: 6 Oct 2018 2:07

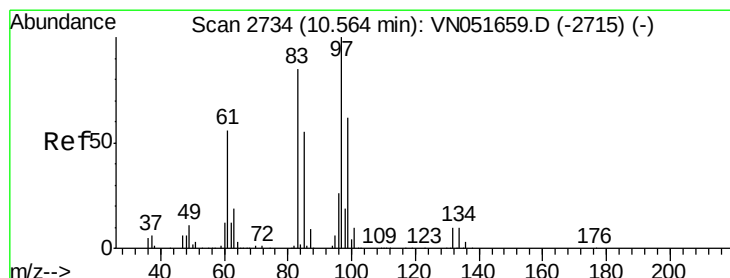
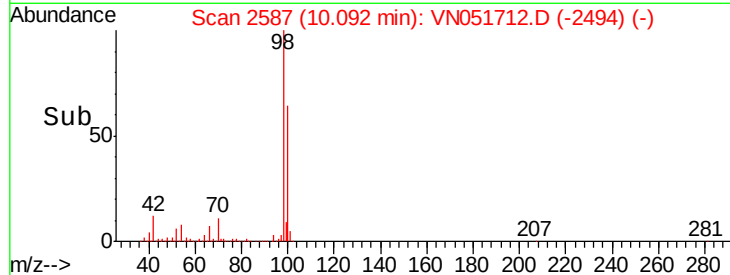
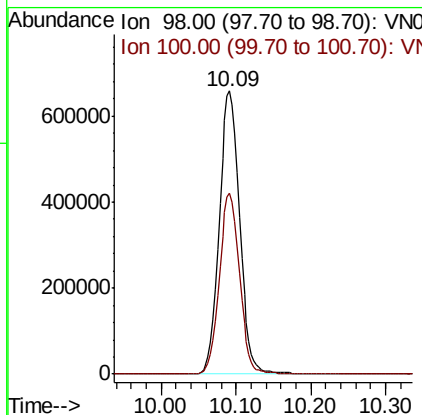
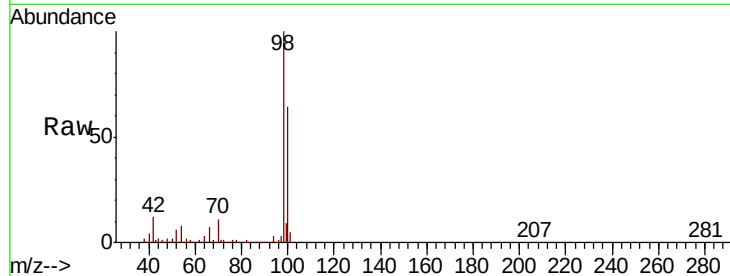
Tgt Ion: 43 Resp: 4317
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.6#
87 0.0 12.6 19.0#





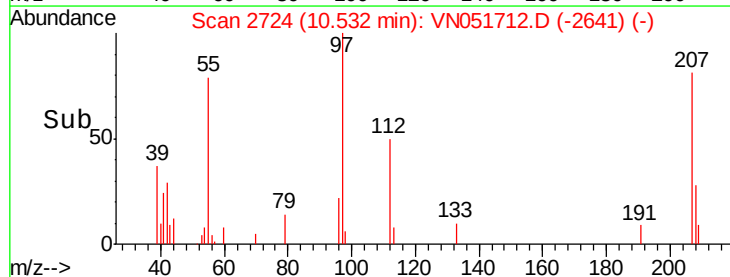
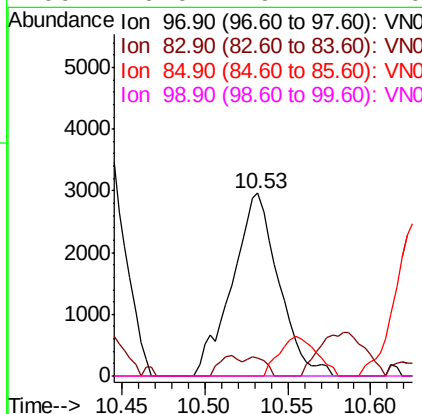
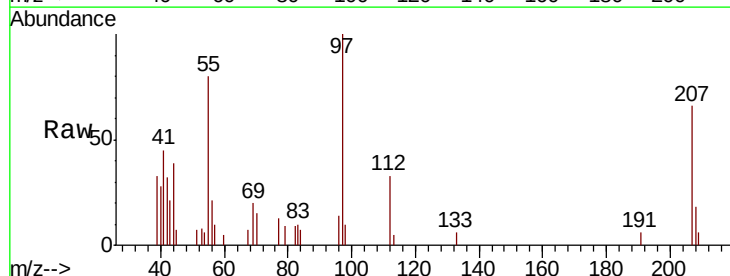
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051712.D
Acq: 6 Oct 2018 2:07

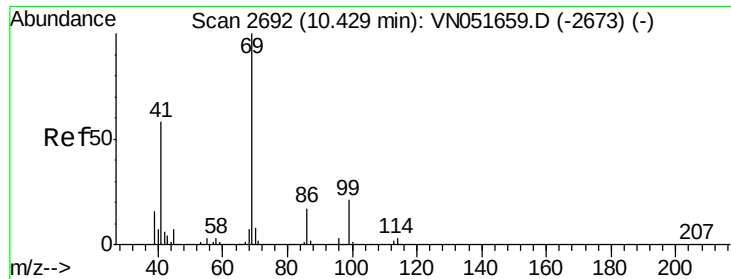
Tot Ion: 98 Resp: 1241012
Ion Ratio Lower Upper
98 100
100 63.2 51.5 77.3



#55
1,1,2-Trichloroethane
Concen: 0.894 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. -0.03 min
Lab File: VN051712.D
Acq: 6 Oct 2018 2:07

Tgt Ion: 97 Resp: 5758
Ion Ratio Lower Upper
97 100
83 9.8 68.1 102.1#
85 0.0 43.6 65.4#
99 0.0 49.4 74.0#





#56

Ethyl methacrylate

Concen: 0.299 ug/l

RT: 10.44 min Scan# 2694

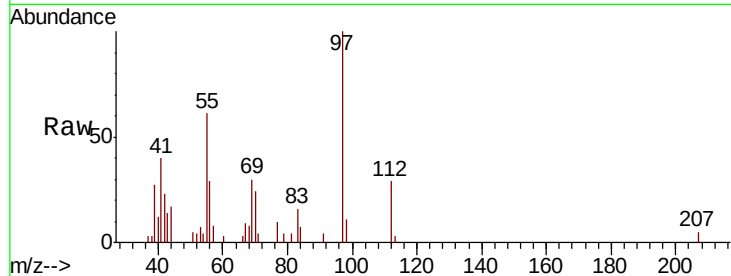
Delta R.T. 0.01 min

Lab File: VN051712.D

Acq: 6 Oct 2018 2:07

Tot Ion: 69 Resp: 2433

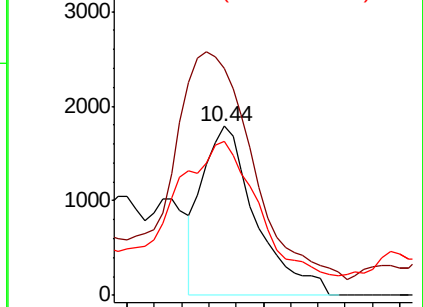
Ion	Ratio	Lower	Upper
69	100		
41	195.8	46.4	69.6#
39	117.8	32.4	48.6#



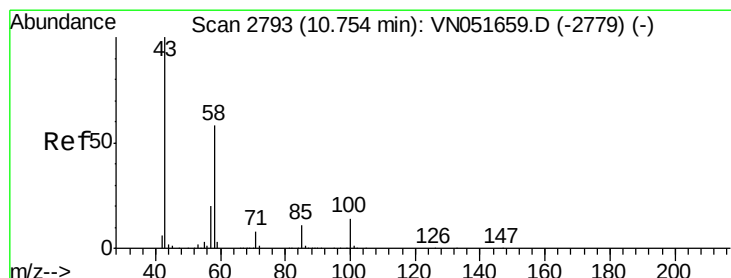
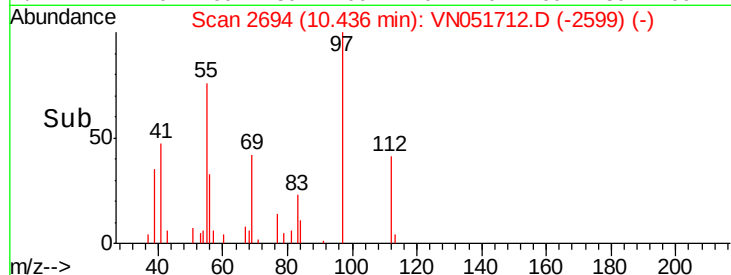
Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->



#59

2-Hexanone

Concen: 7.264 ug/l

RT: 10.72 min Scan# 2782

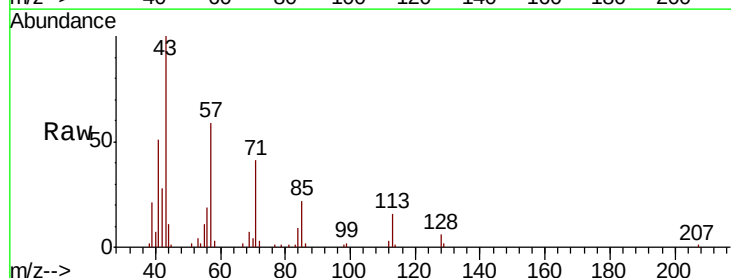
Delta R.T. -0.04 min

Lab File: VN051712.D

Acq: 6 Oct 2018 2:07

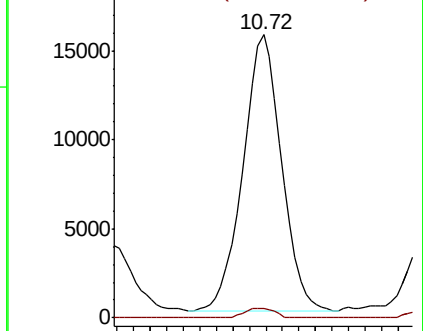
Tgt Ion: 43 Resp: 24937

Ion	Ratio	Lower	Upper
43	100		
58	2.7	28.8	86.4#

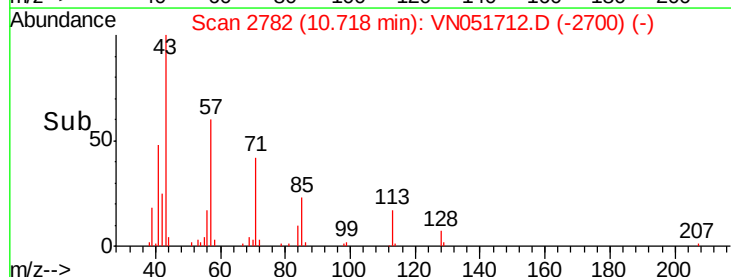


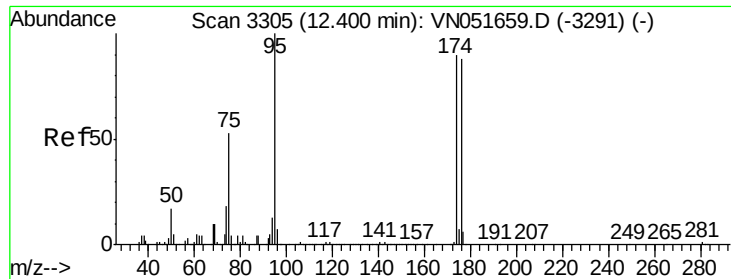
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051712.D

Acq: 6 Oct 2018 2:07

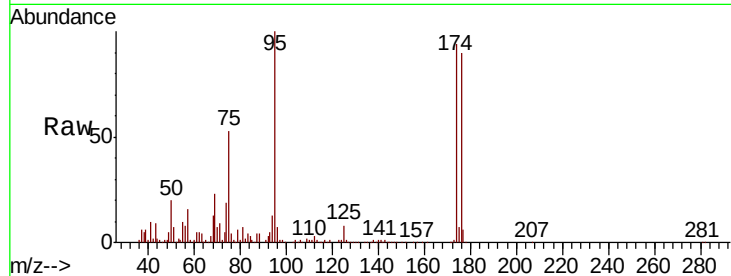
Tot Ion: 95 Resp: 399877

Ion Ratio Lower Upper

95 100

174 92.8 0.0 182.8

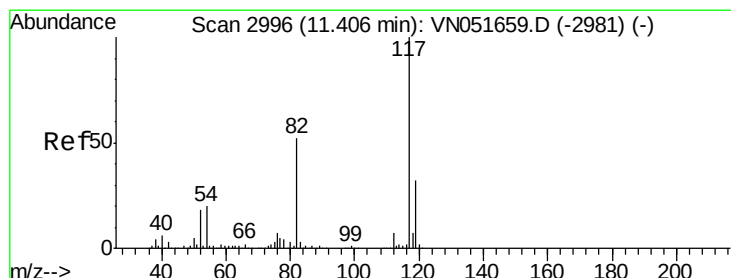
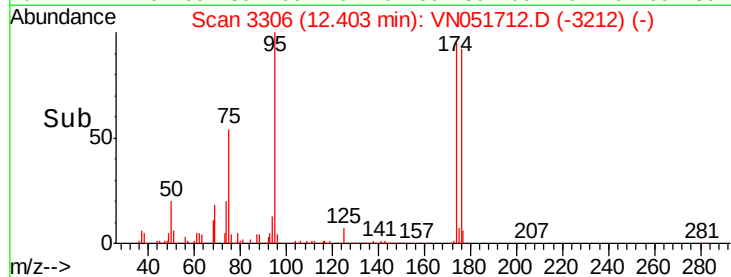
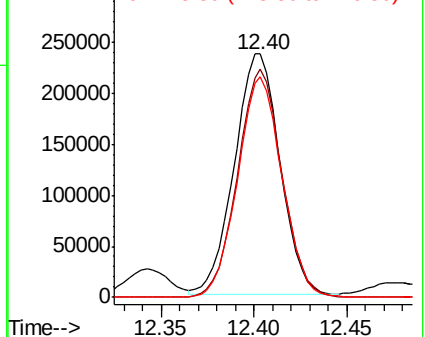
176 90.1 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051659.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051659.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051659.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN051712.D

Acq: 6 Oct 2018 2:07

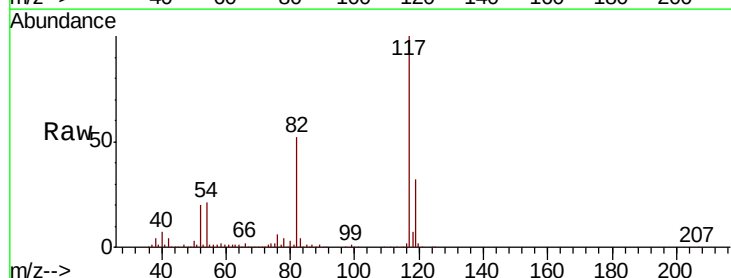
Tgt Ion: 117 Resp: 775117

Ion Ratio Lower Upper

117 100

82 52.1 41.3 61.9

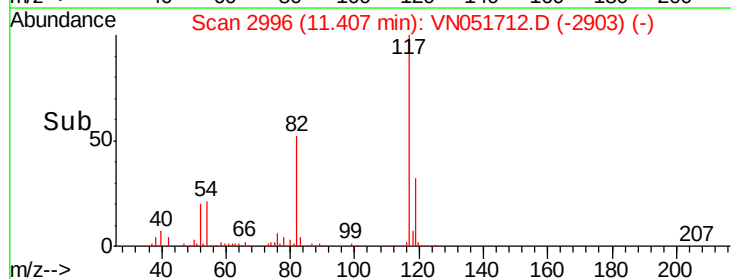
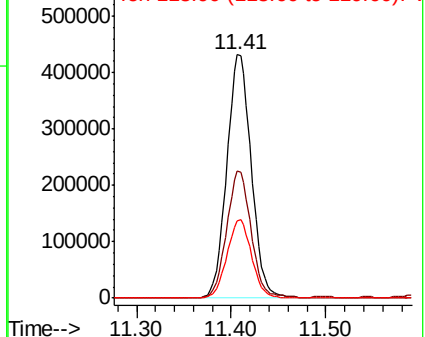
119 31.6 25.9 38.9

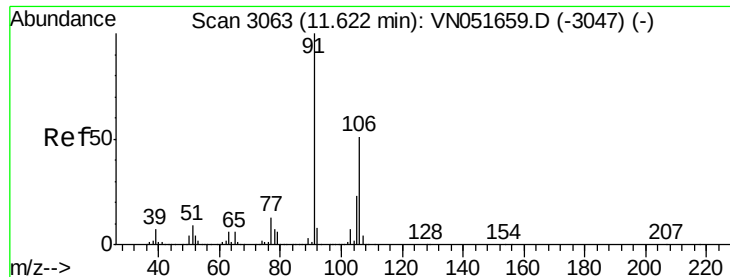


Abundance Ion 116.90 (116.60 to 117.60): VN051659.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051659.D (-2981) (-)

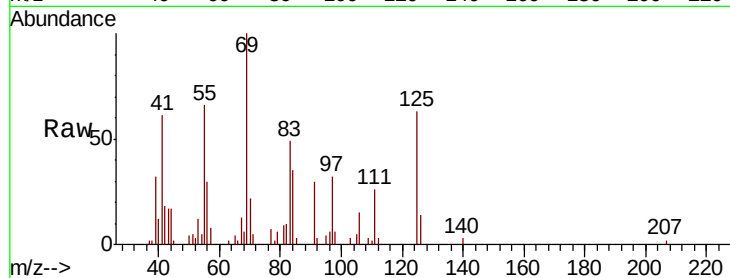
Ion 118.90 (118.60 to 119.60): VN051659.D (-2981) (-)



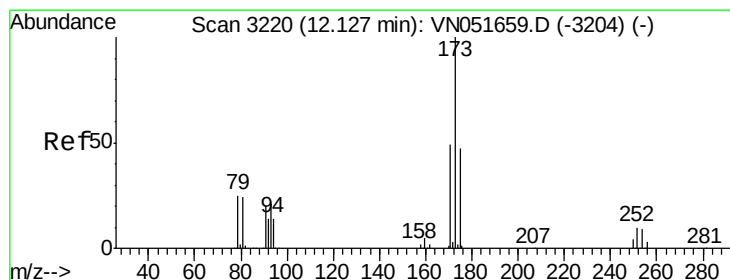
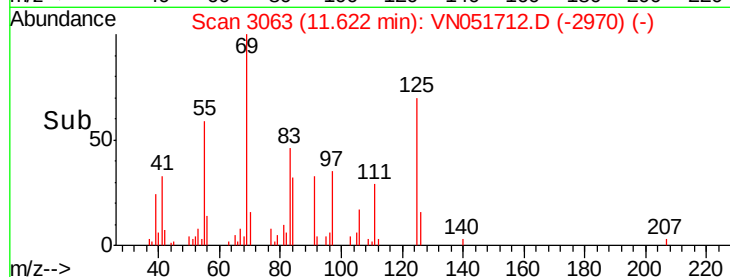
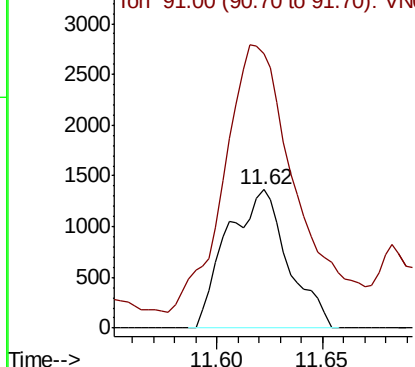


#68
m/p-Xvlenes
Concen: 0.205 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051712.D
Acq: 6 Oct 2018 2:07

Tot Ion:106 Resp: 2727
Ion Ratio Lower Upper
106 100
91 224.4 158.4 237.6

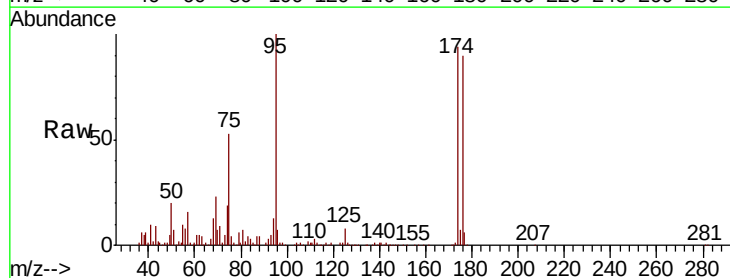


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

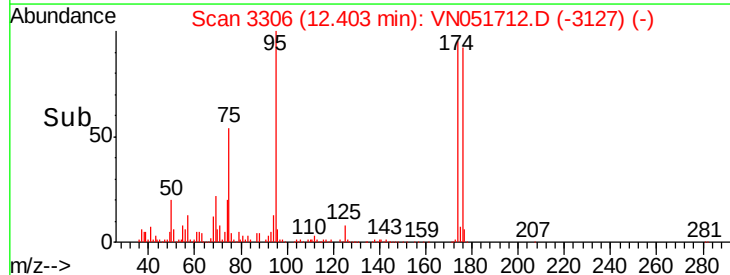
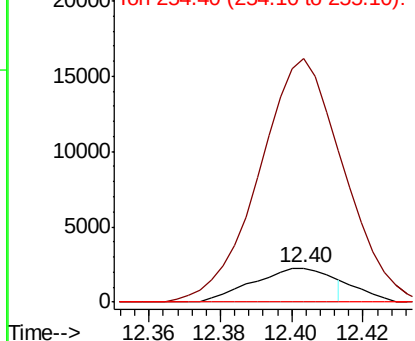


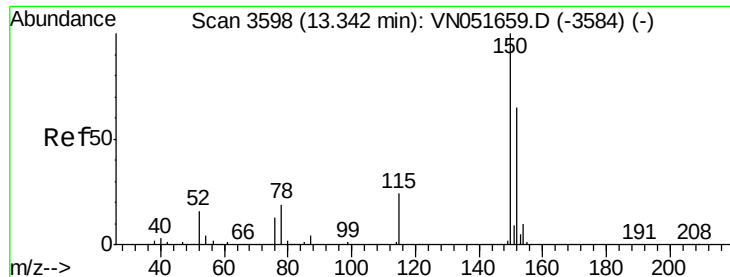
#71
Bromoform
Concen: 0.595 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051712.D
Acq: 6 Oct 2018 2:07

Tgt Ion:173 Resp: 3404
Ion Ratio Lower Upper
173 100
175 664.0 24.0 72.0#
254 0.0 0.1 0.1#



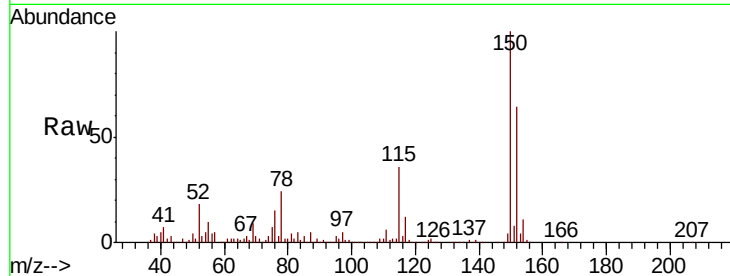
Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



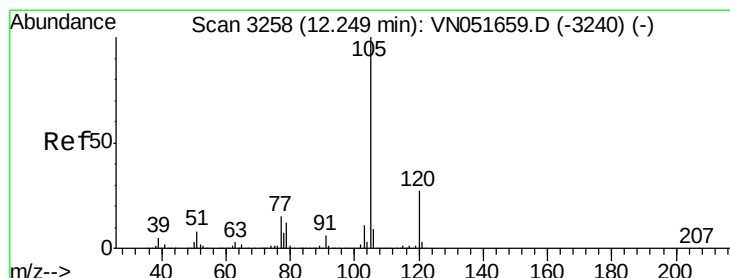
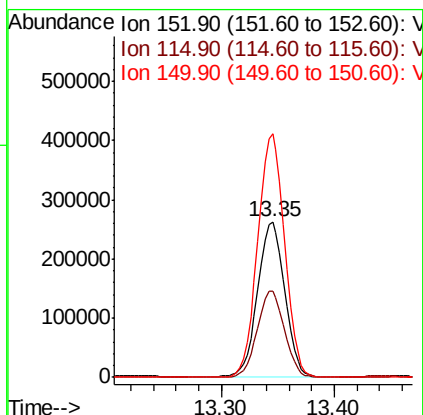
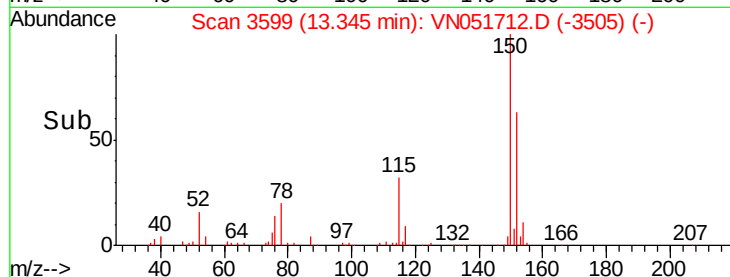


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN051712.D
 Acq: 6 Oct 2018 2:07

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.6	85.8
150	153.6	0.0	352.4

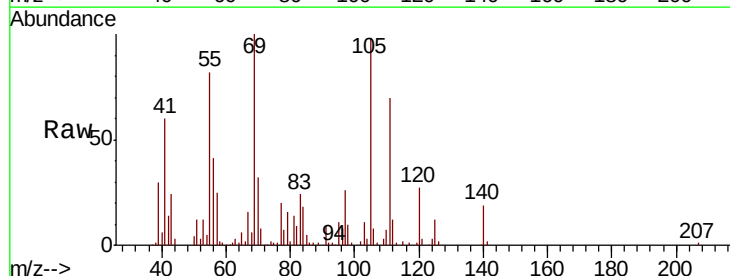


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

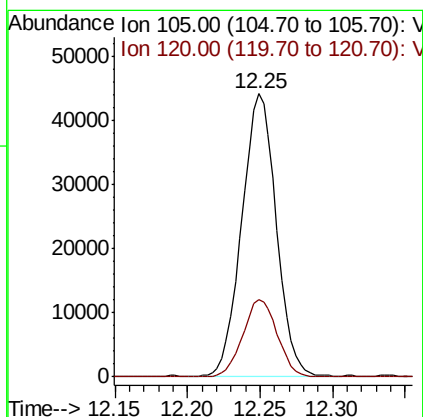
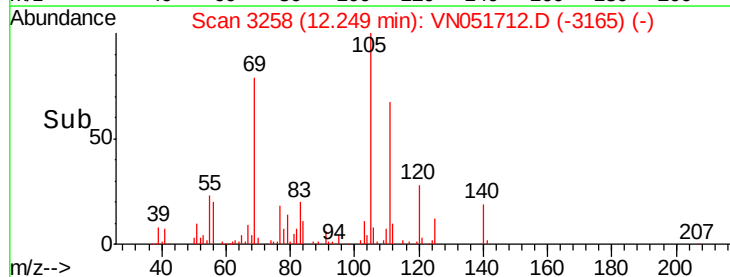


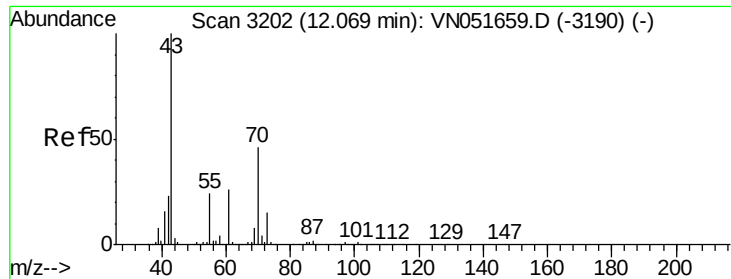
#73
 Isopropylbenzene
 Concen: 1.948 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. 0.00 min
 Lab File: VN051712.D
 Acq: 6 Oct 2018 2:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.9	41.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 33.348 ug/l

RT: 12.04 min Scan# 3194

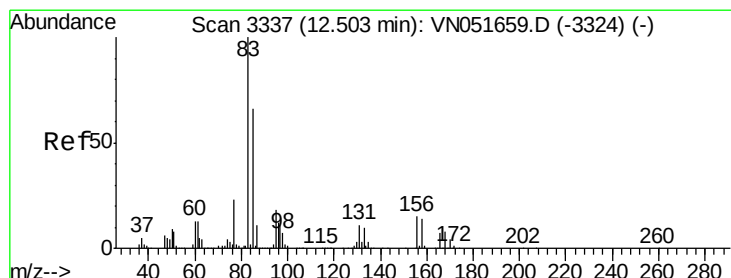
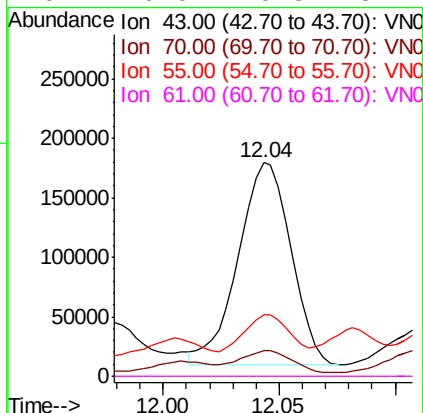
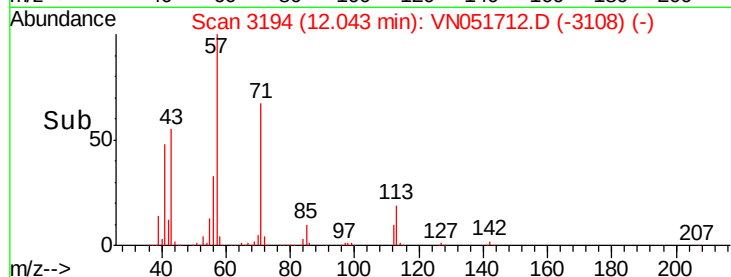
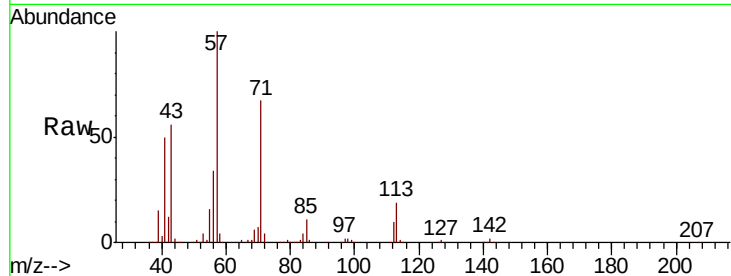
Delta R.T. -0.02 min

Lab File: VN051712.D

Acq: 6 Oct 2018 2:07

Tot Ion: 43 Resp: 267968

Ion	Ratio	Lower	Upper
43	100		
70	10.6	37.1	55.7#
55	14.8	19.1	28.7#
61	0.0	20.8	31.2#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.48 min Scan# 3330

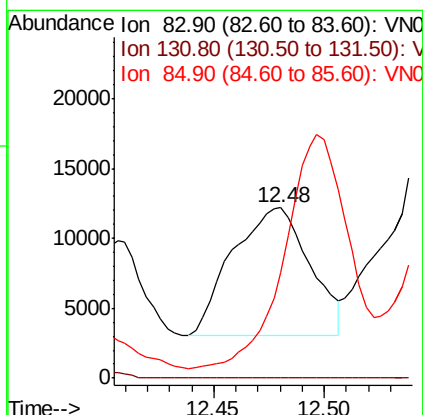
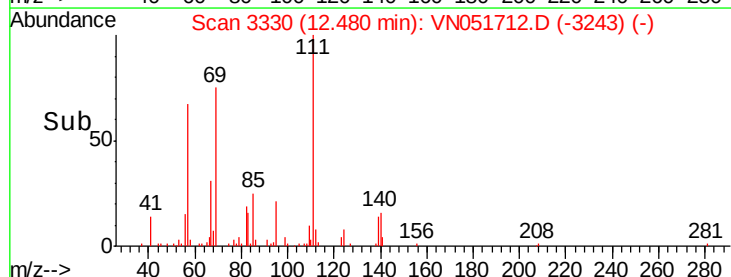
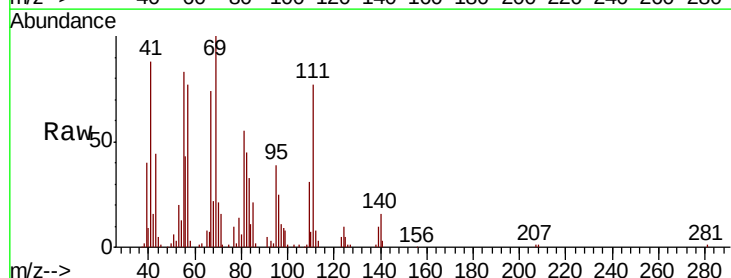
Delta R.T. -0.02 min

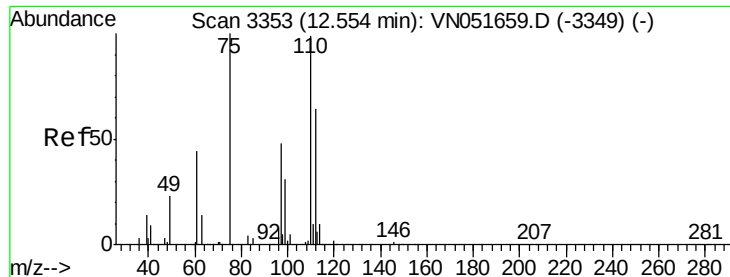
Lab File: VN051712.D

Acq: 6 Oct 2018 2:07

Tgt Ion: 83 Resp: 22377

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.1#
85	147.8	33.0	98.9#

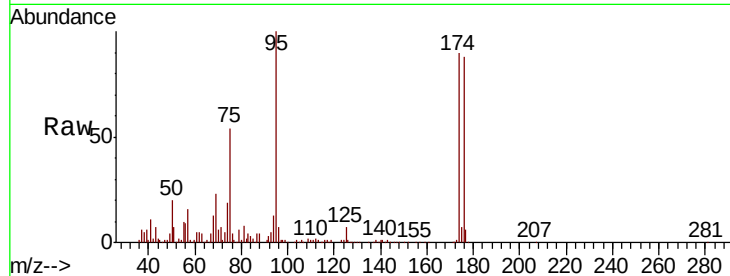




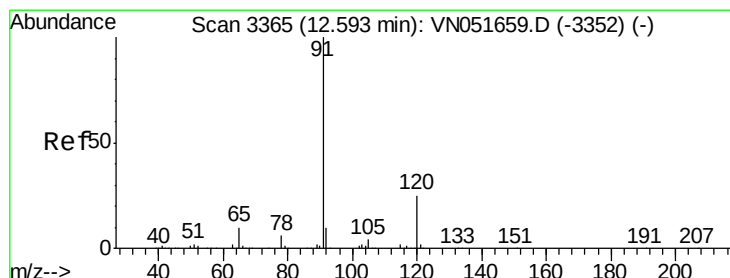
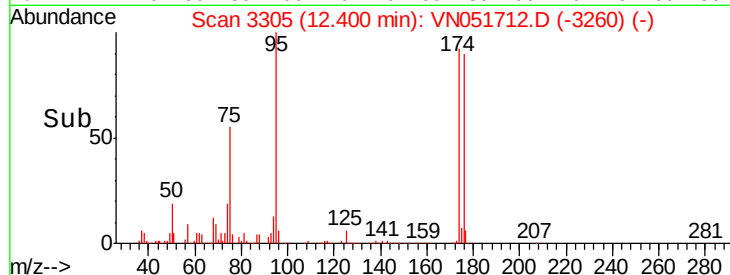
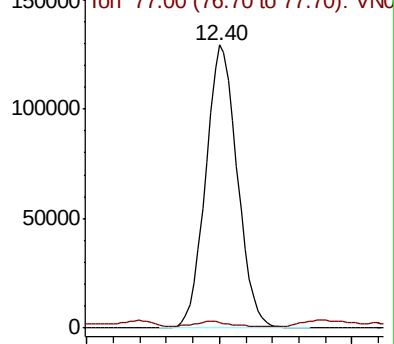
#76

1,2,3-Trichloropropane
Concen: 37.919 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN051712.D
Acq: 6 Oct 2018 2:07

Tot Ion: 75 Resp: 213511
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



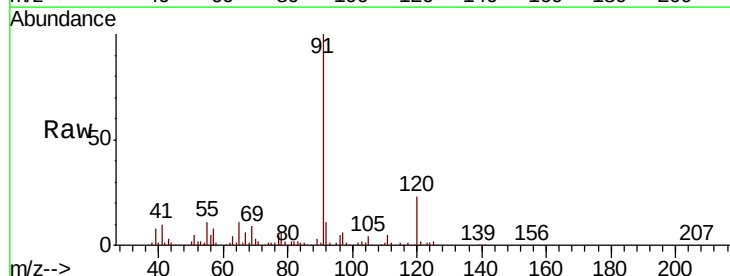
Abundance Ion 74.90 (74.60 to 75.60): VN051712.D (-3305) (-)



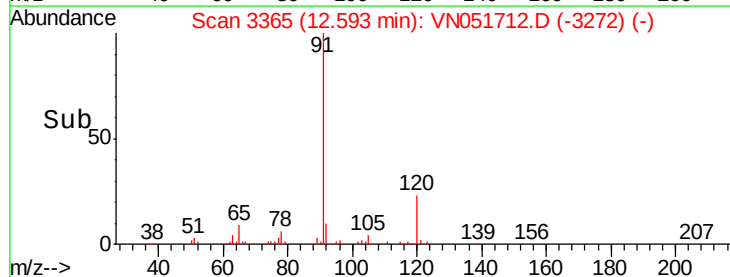
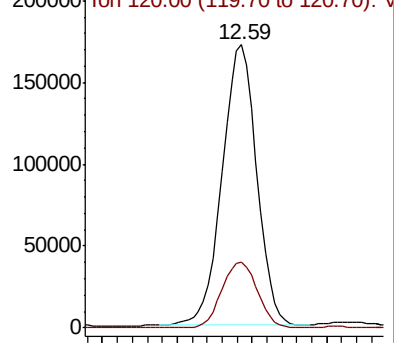
#78

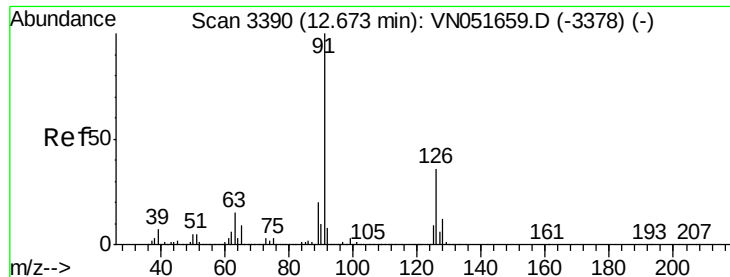
n-propylbenzene
Concen: 6.725 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN051712.D
Acq: 6 Oct 2018 2:07

Tgt Ion: 91 Resp: 276139
Ion Ratio Lower Upper
91 100
120 24.2 12.4 37.2



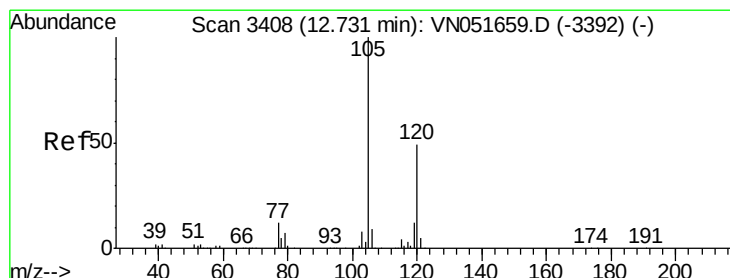
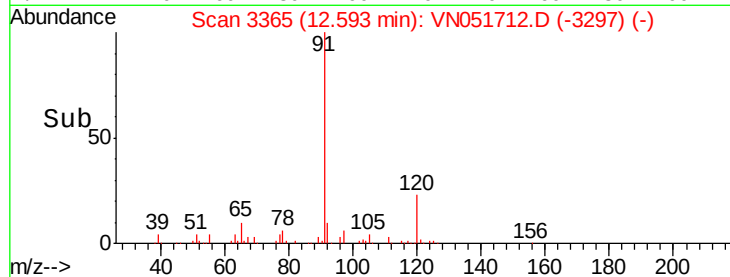
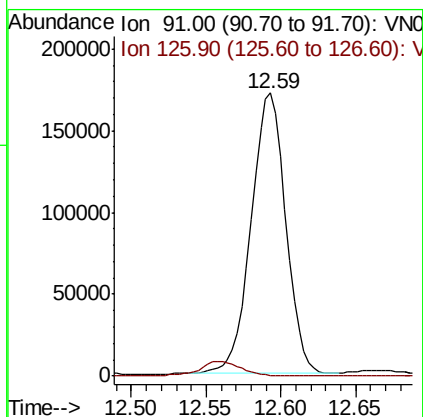
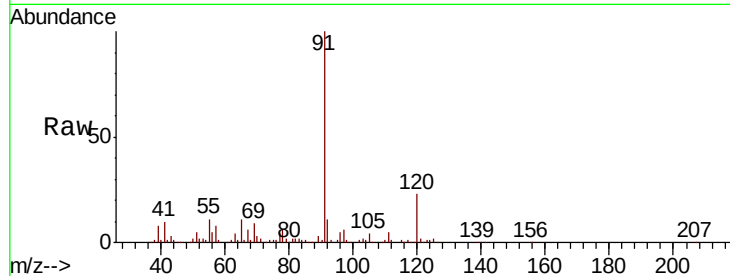
Abundance Ion 91.00 (90.70 to 91.70): VN051712.D (-3365) (-)





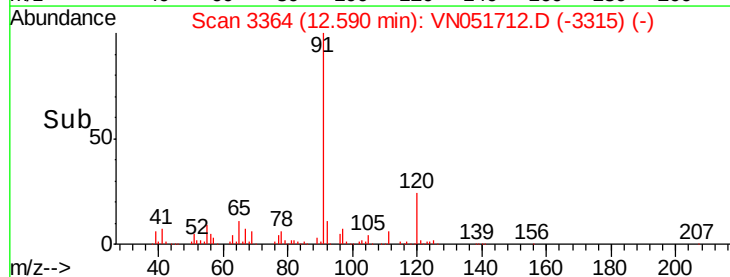
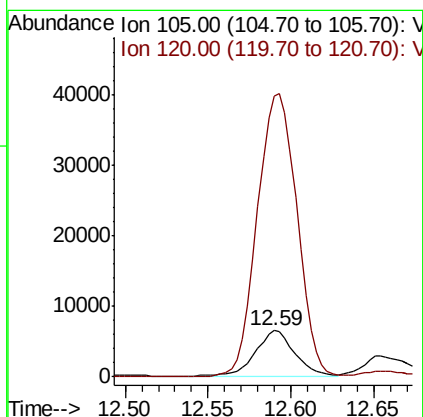
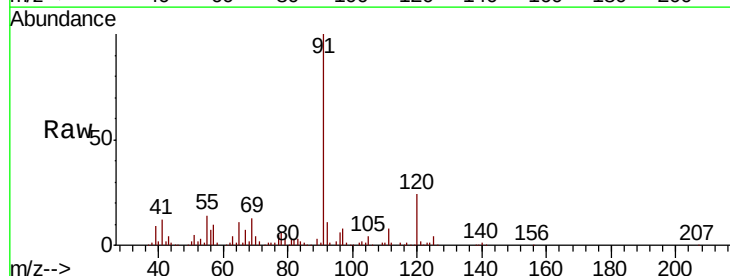
#79
 2-Chlorotoluene
 Concen: 11.411 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. -0.08 min
 Lab File: VN051712.D
 Acq: 6 Oct 2018 2:07

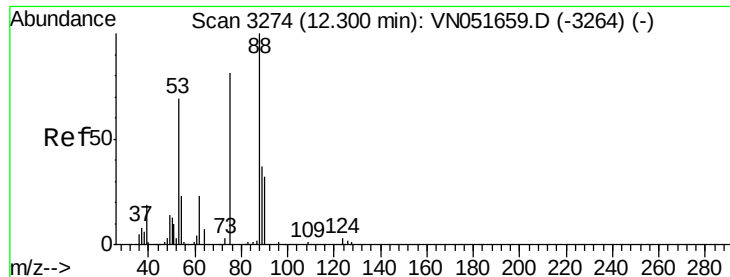
Tot Ion: 91 Resp: 276139
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.5 55.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.354 ug/l
 RT: 12.59 min Scan# 3364
 Delta R.T. -0.14 min
 Lab File: VN051712.D
 Acq: 6 Oct 2018 2:07

Tgt Ion: 105 Resp: 11238
 Ion Ratio Lower Upper
 105 100
 120 595.1 24.6 74.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 88.872 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051712.D

Acq: 6 Oct 2018 2:07

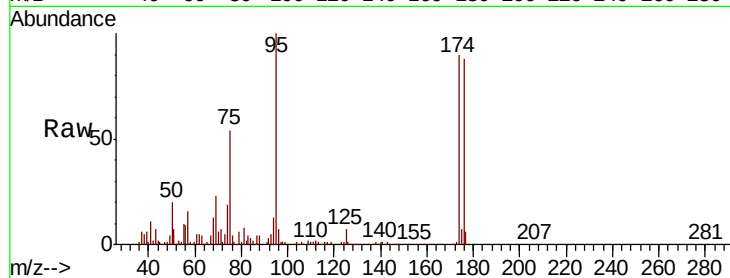
Tot Ion: 75 Resp: 213511

Ion Ratio Lower Upper

75 100

53 1.5 68.6 102.8#

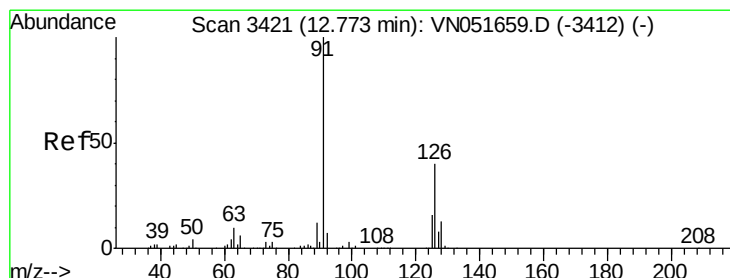
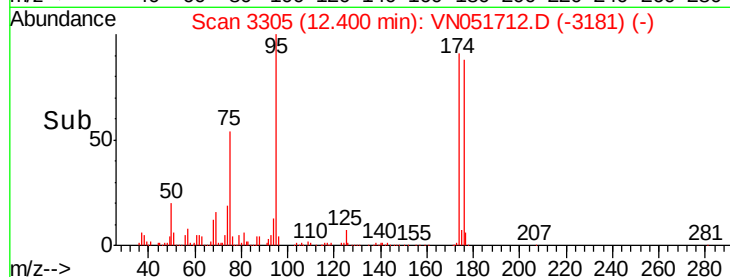
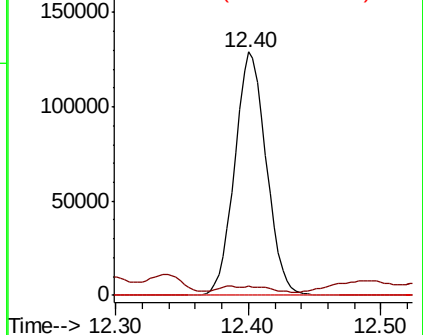
89 0.0 39.4 59.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 1.981 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.27 min

Lab File: VN051712.D

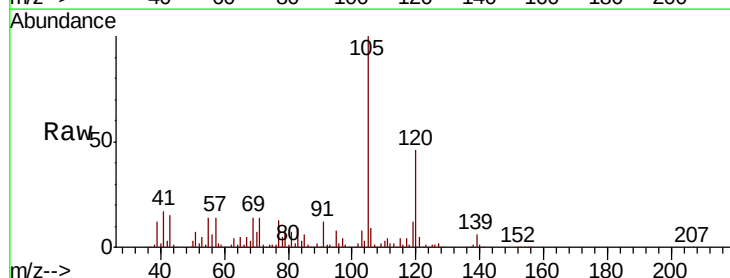
Acq: 6 Oct 2018 2:07

Tgt Ion: 91 Resp: 48154

Ion Ratio Lower Upper

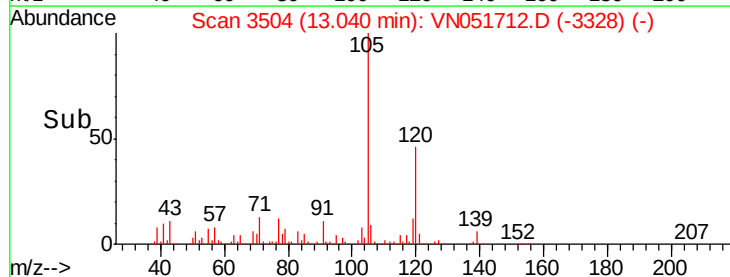
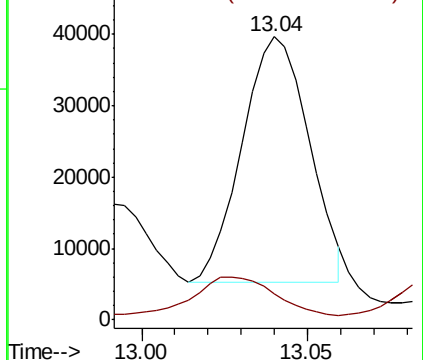
91 100

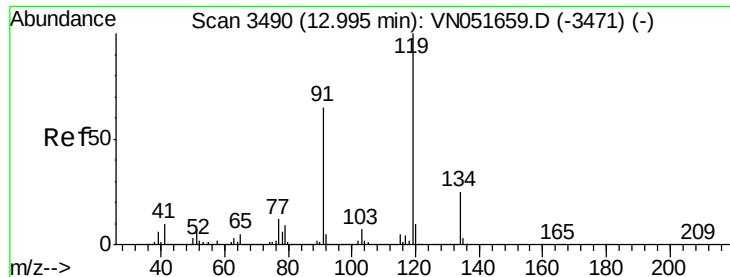
126 19.2 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

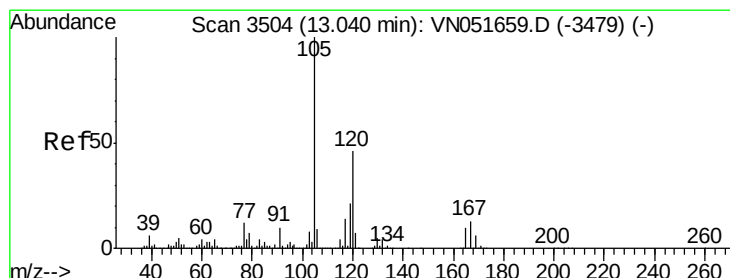
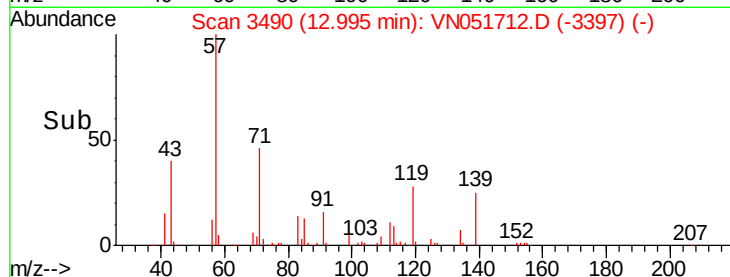
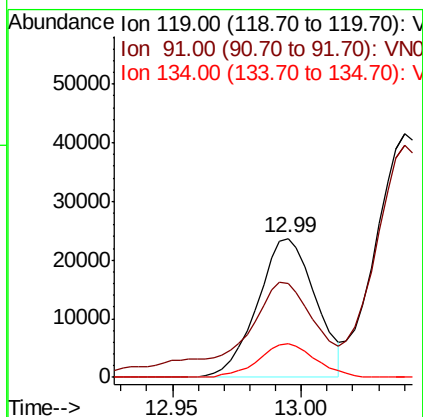
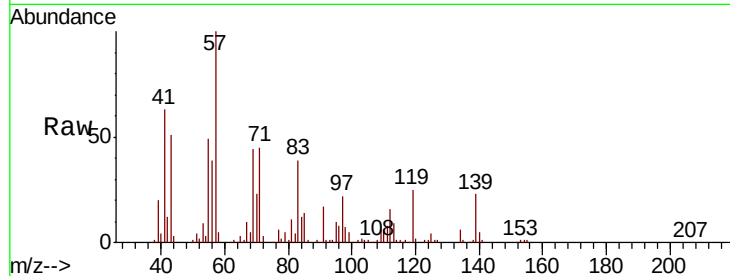
Ion 125.90 (125.60 to 126.60): V





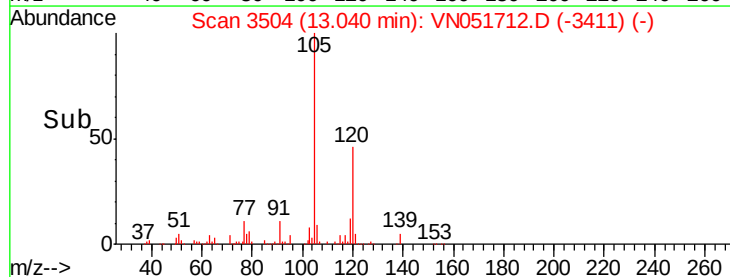
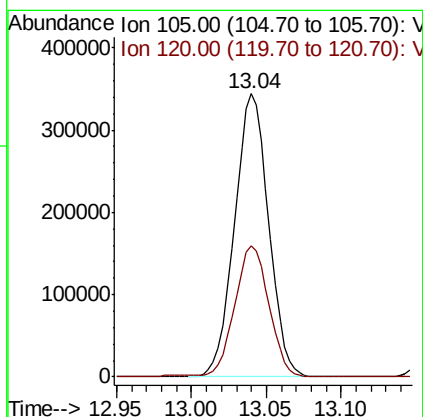
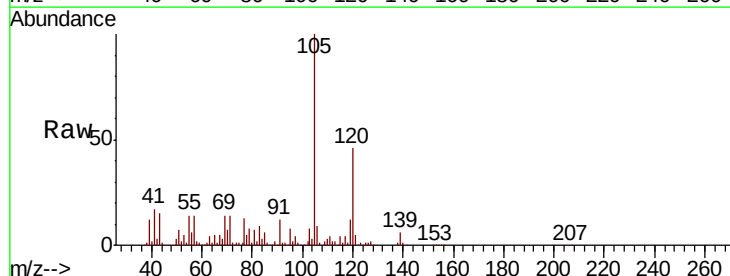
#83
 tert-Butylbenzene
 Concen: 1.310 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051712.D
 Acq: 6 Oct 2018 2:07

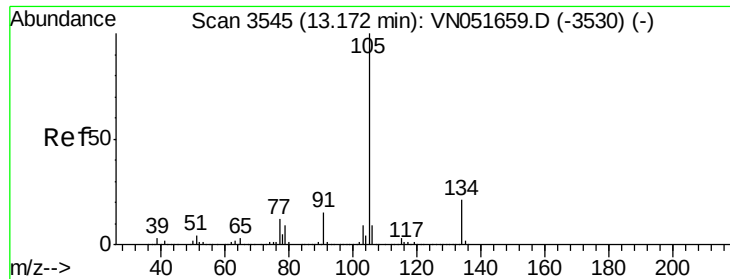
Tot Ion:119 Resp: 37240
 Ion Ratio Lower Upper
 119 100
 91 77.7 32.1 96.5
 134 23.9 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 17.039 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051712.D
 Acq: 6 Oct 2018 2:07

Tgt Ion:105 Resp: 541462
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.9 68.7





#85

sec-Butylbenzene

Concen: 7.967 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051712.D

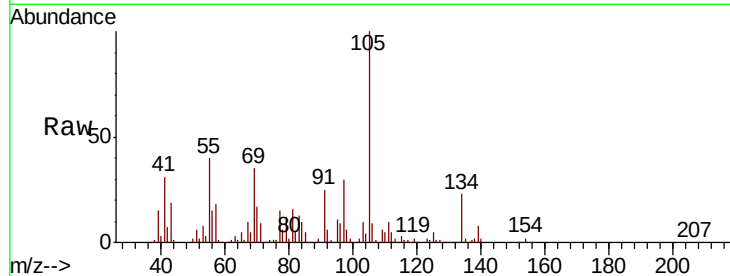
Acq: 6 Oct 2018 2:07

Tot Ion:105 Resp: 299585

Ion Ratio Lower Upper

105 100

134 32.7 10.5 31.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

200000

150000

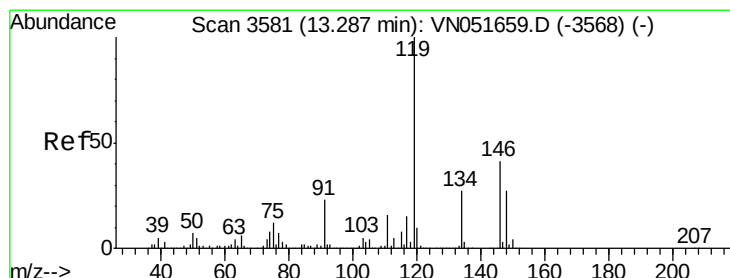
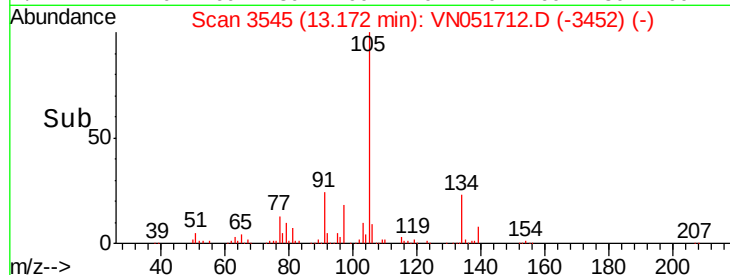
100000

50000

0

Time-->

13.10 13.15 13.20 13.25



#86

p-Isopropyltoluene

Concen: 2.010 ug/l

RT: 13.44 min Scan# 3629

Delta R.T. 0.15 min

Lab File: VN051712.D

Acq: 6 Oct 2018 2:07

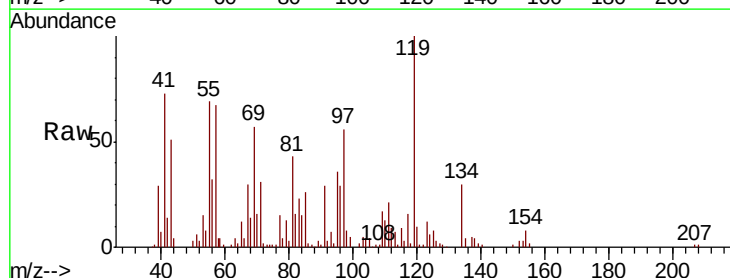
Tgt Ion:119 Resp: 67008

Ion Ratio Lower Upper

119 100

134 30.5 13.4 40.2

91 30.2 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

150000

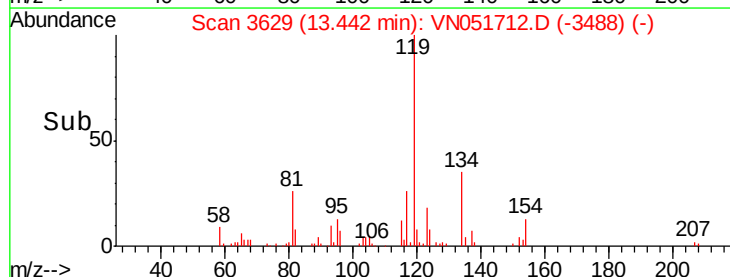
100000

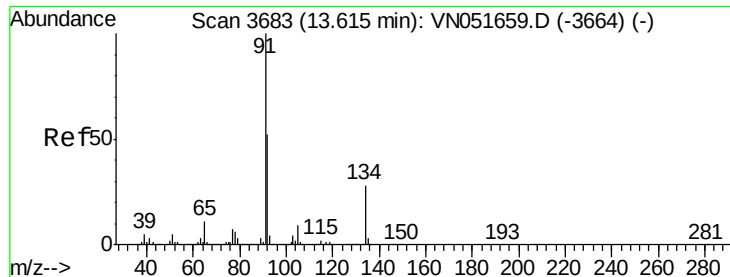
50000

0

Time-->

13.40 13.45 13.50





#89

n-Butylbenzene

Concen: 7.389 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051712.D

Acq: 6 Oct 2018 2:07

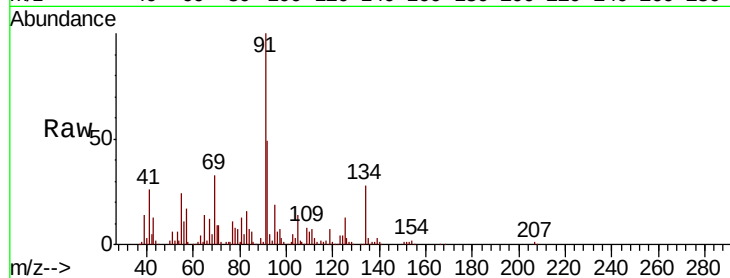
Tot Ion: 91 Resp: 194760

Ion Ratio Lower Upper

91 100

92 45.2 26.0 78.0

134 44.8 14.2 42.6#



Abundance Ion 91.00 (90.70 to 91.70): VN051712.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN051712.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN051712.D (-3682) (-)

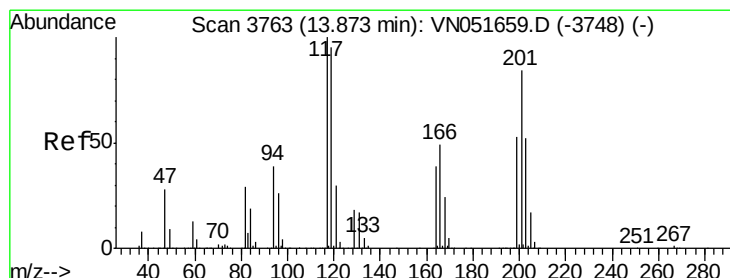
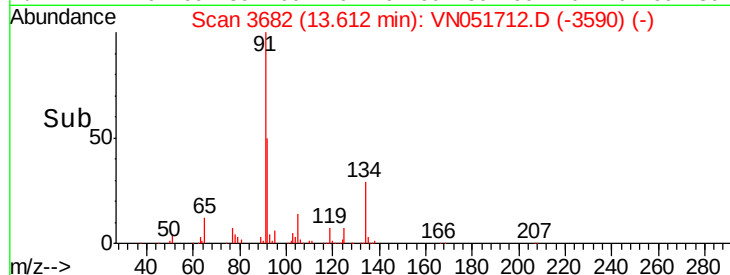
13.61

100000

50000

0

Time-->



#90

Hexachloroethane

Concen: 4.926 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051712.D

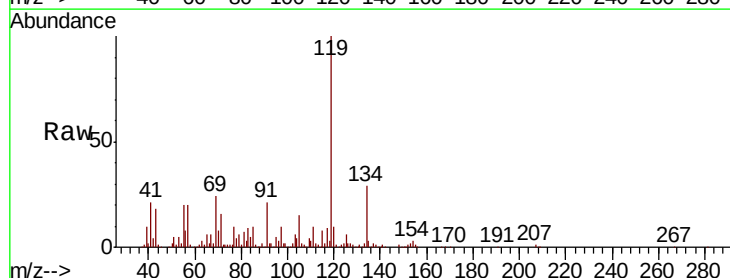
Acq: 6 Oct 2018 2:07

Tgt Ion: 117 Resp: 32760

Ion Ratio Lower Upper

117 100

201 0.0 42.4 127.3#



Abundance Ion 116.80 (116.50 to 117.50): VN051712.D (-3768) (-)

Ion 200.70 (200.40 to 201.40): VN051712.D (-3768) (-)

50000

40000

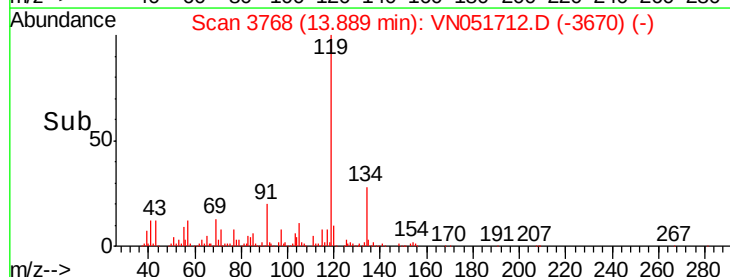
30000

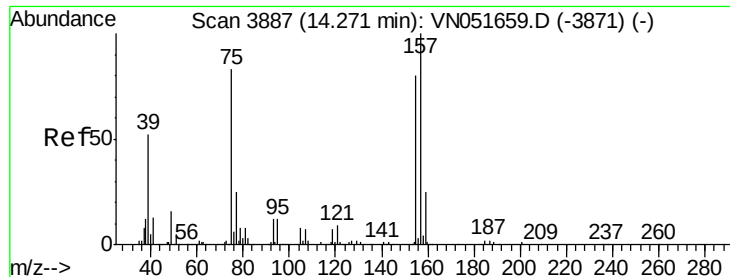
20000

10000

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.652 ug/l

RT: 14.29 min Scan# 3892

Delta R.T. 0.02 min

Lab File: VN051712.D

Acq: 6 Oct 2018 2:07

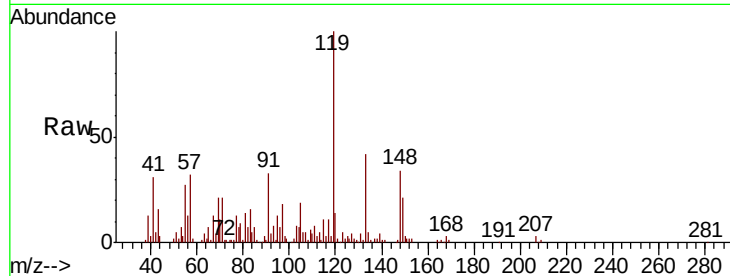
Tot Ion: 75 Resp: 862

Ion Ratio Lower Upper

75 100

155 0.0 47.6 142.9#

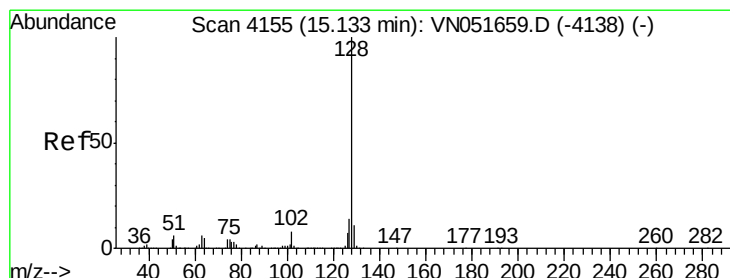
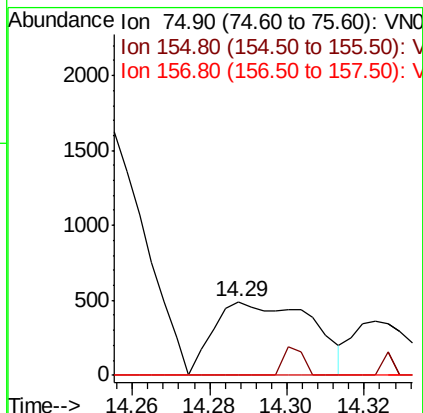
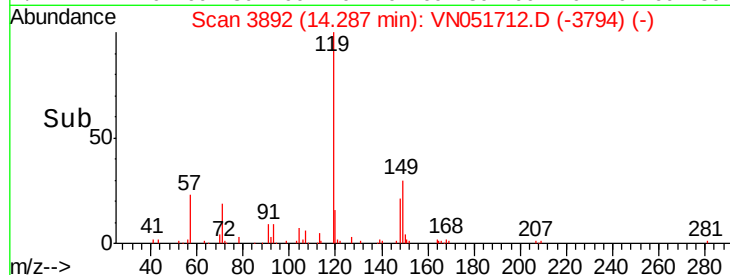
157 0.0 61.7 185.1#



Abundance Ion 74.90 (74.60 to 75.60): VN051712.D (-3794) (-)

Ion 154.80 (154.50 to 155.50): VN051712.D (-3794) (-)

Ion 156.80 (156.50 to 157.50): VN051712.D (-3794) (-)



#95

Naphthalene

Concen: 0.413 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051712.D

Acq: 6 Oct 2018 2:07

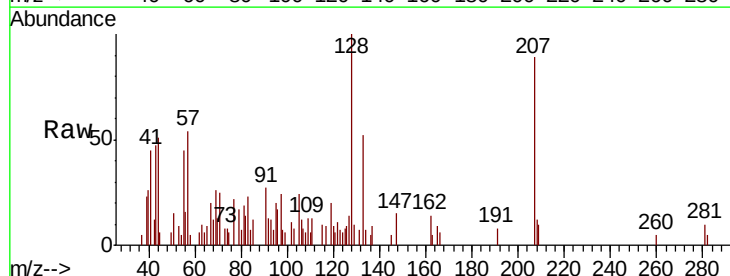
Tgt Ion: 128 Resp: 6334

Ion Ratio Lower Upper

128 100

127 11.4 10.6 15.8

129 2.9 9.0 13.6#



Abundance Ion 128.00 (127.70 to 128.70): VN051712.D (-4062) (-)

Ion 127.00 (126.70 to 127.70): VN051712.D (-4062) (-)

Ion 129.00 (128.70 to 129.70): VN051712.D (-4062) (-)

