

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\
 Data File : VN051710.D
 Acq On : 6 Oct 2018 1:17
 Operator : MD\SY
 Sample : J5084-02DL 400X
 Misc : 6.44g/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 40 Sample Multiplier: 28

Quant Time: Oct 06 03:35:33 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	684097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	998651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	882171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	369285	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	411511	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	
35) Dibromofluoromethane	7.59	113	377519	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	10.09	98	1414616	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.40	95	417495	40.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.90%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.85	85	74	1.158	ug/l #	42
5) Bromomethane	2.57	94	3101	0.328	ug/l #	56
7) Trichlorofluoromethane	2.97	101	77	Below Cal	#	18
11) Tert butyl alcohol	4.74	59	521	0.848	ug/l #	73
13) Acrolein	3.61	56	198	0.516	ug/l #	14
16) Acetone	3.80	43	549	Below Cal	#	44
25) 2-Butanone	6.84	43	559	0.214	ug/l #	44
31) Cyclohexane	7.65	56	35378	2.884	ug/l #	71
36) 1,1-Dichloropropene	7.67	75	47983	4.597	ug/l #	49
38) Carbon Tetrachloride	7.67	117	64632	5.160	ug/l #	15
39) Methylcyclohexane	9.08	83	42498	3.243	ug/l	95
40) Benzene	8.05	78	7921	0.256	ug/l	94
41) Methacrylonitrile	7.15	41	350	Below Cal	#	13
43) Isopropyl Acetate	8.15	43	5057	0.446	ug/l #	59
47) Bromodichloromethane	9.38	83	2603	0.222	ug/l #	25
48) Methyl methacrylate	9.22	41	3875	0.747	ug/l #	6
51) 4-Methyl-2-Pentanone	10.02	43	4814	0.837	ug/l #	74
52) Toluene	10.16	92	504996	24.537	ug/l	98
53) t-1,3-Dichloropropene	10.16	75	5649	0.468	ug/l #	1
55) 1,1,2-Trichloroethane	10.54	97	10813	1.475	ug/l #	22
67) Ethyl Benzene	11.51	91	419649	11.112	ug/l	98
68) m/p-Xylenes	11.62	106	576036	38.123	ug/l	100
69) o-Xylene	11.95	106	221340	14.937	ug/l	98
70) Styrene	11.95	104	14937	0.633	ug/l #	1
71) Bromoform	12.40	173	4017	0.617	ug/l #	1
73) Isopropylbenzene	12.25	105	50683	1.610	ug/l	100
74) N-amyl acetate	12.05	43	1591	Below Cal	#	74
75) 1,1,2,2-Tetrachloroethane	12.52	83	149	Below Cal	#	88
76) 1,2,3-Trichloropropane	12.40	75	224655	48.868	ug/l #	100
78) n-propylbenzene	12.59	91	195922	5.706	ug/l	99
79) 2-Chlorotoluene	12.65	91	74550	3.684	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.73	105	233567	8.804	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	224655	111.827	ug/l #	14
82) 4-Chlorotoluene	12.73	91	24713	1.216	ug/l #	39

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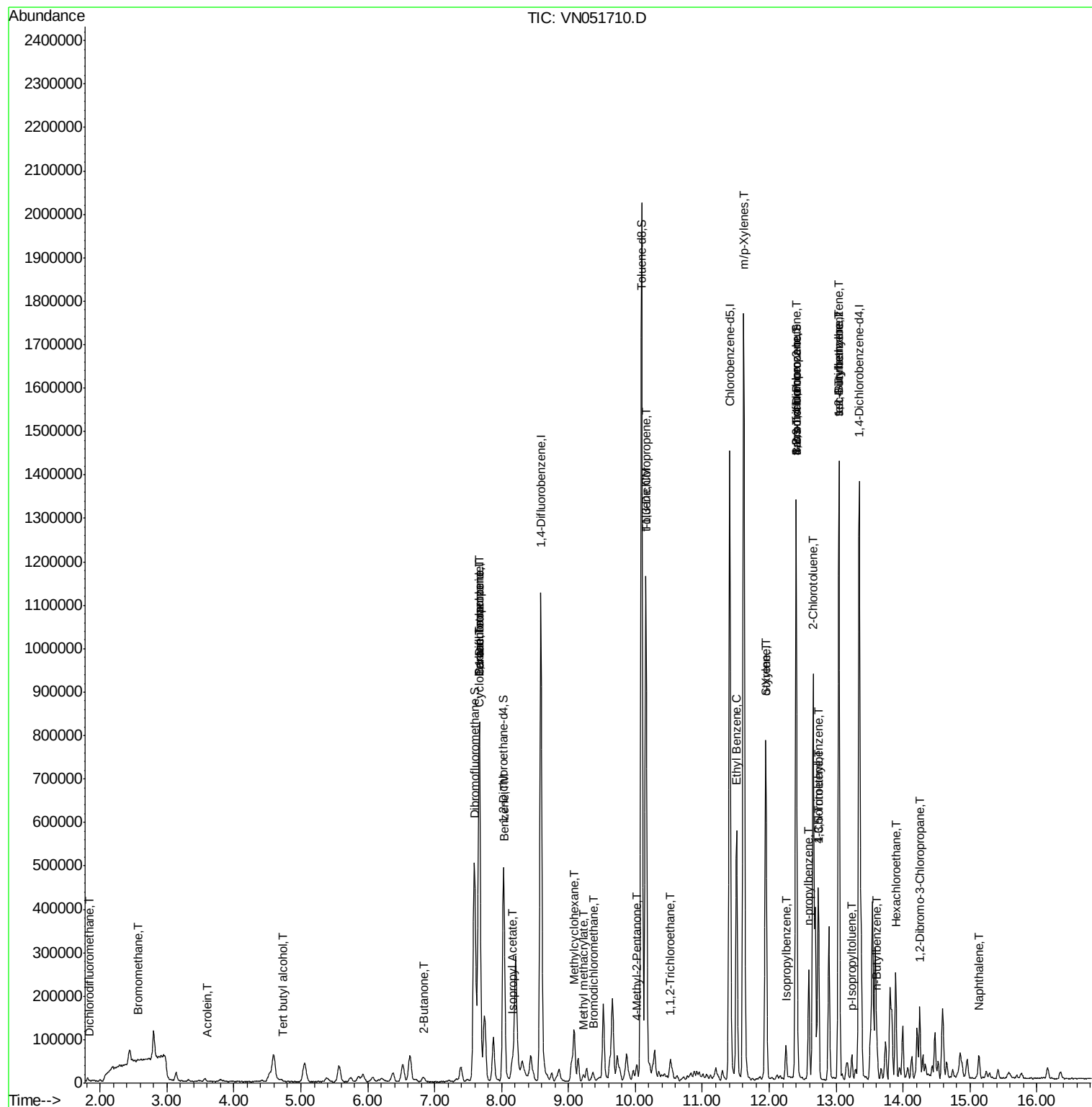
Quant Time: Oct 06 03:35:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
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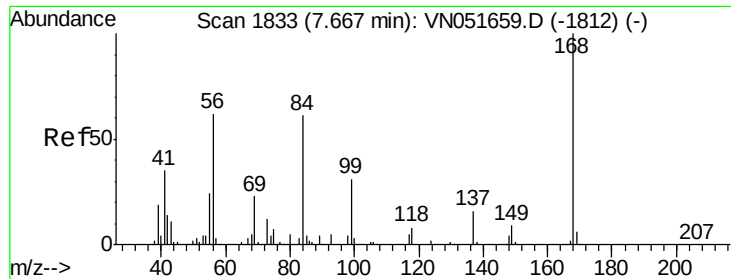
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.04	119	97883	4.118	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.04	105	792760	29.834	ug/l	99
85) sec-Butylbenzene	13.04	105	792760	25.212	ug/l #	55
86) p-Isopropyltoluene	13.23	119	30419	1.091	ug/l	96
89) n-Butylbenzene	13.62	91	28505	1.293	ug/l #	62
90) Hexachloroethane	13.89	117	12083	2.173	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.25	75	766	0.693	ug/l #	1
95) Naphthalene	15.13	128	44683	3.488	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051710.D

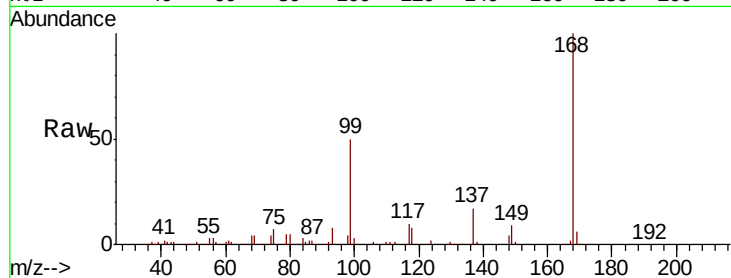
Acq: 6 Oct 2018 1:17

Tot Ion:168 Resp: 684097

Ion Ratio Lower Upper

168 100

99 49.5 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

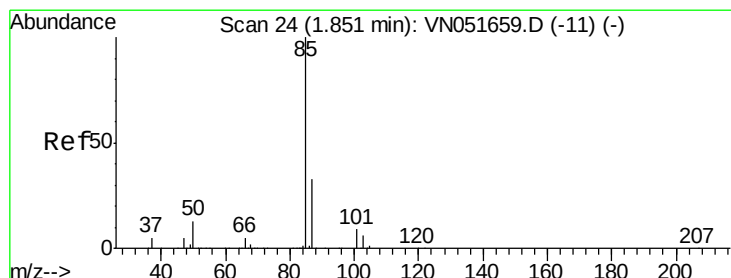
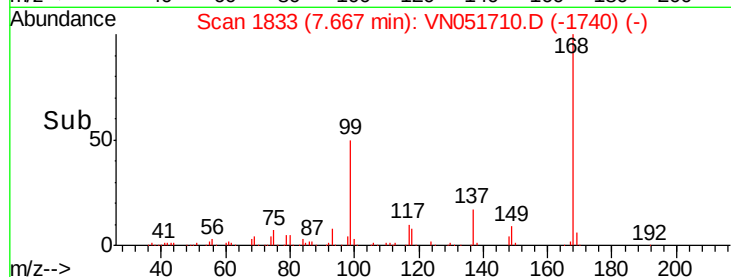
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.158 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN051710.D

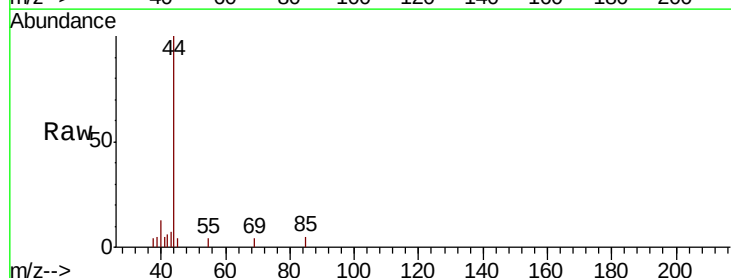
Acq: 6 Oct 2018 1:17

Tgt Ion: 85 Resp: 74

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

1.85

200

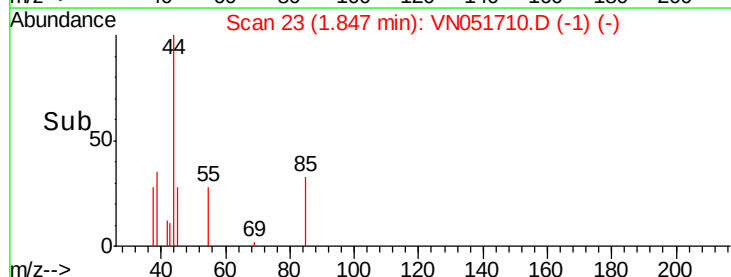
150

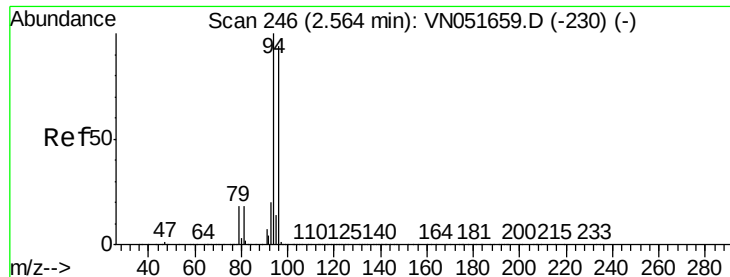
100

50

0

Time-->





#5

Bromomethane

Concen: 0.328 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN051710.D

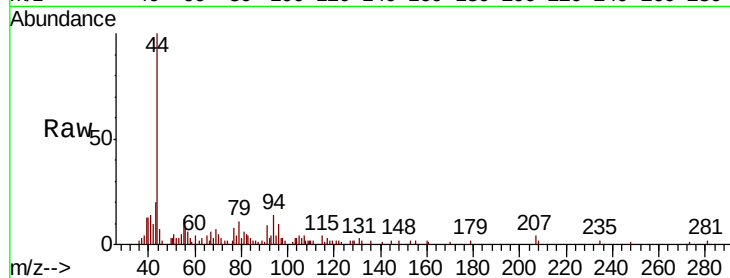
Acq: 6 Oct 2018 1:17

Tot Ion: 94 Resp: 3101

Ion Ratio Lower Upper

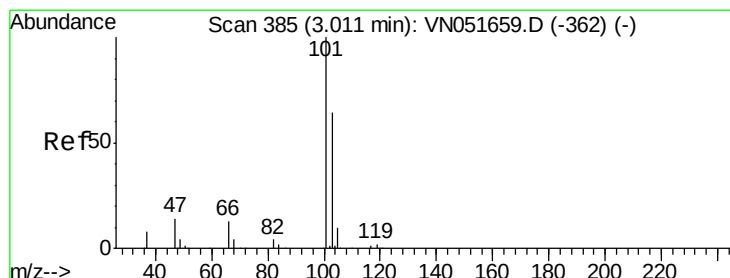
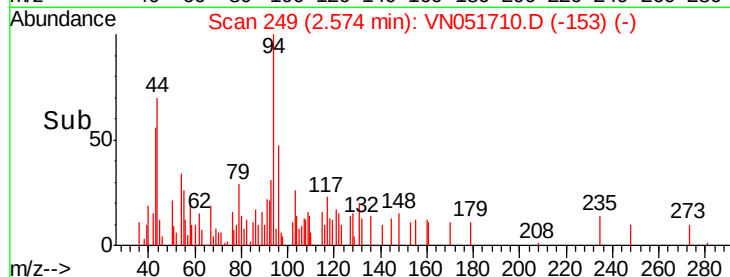
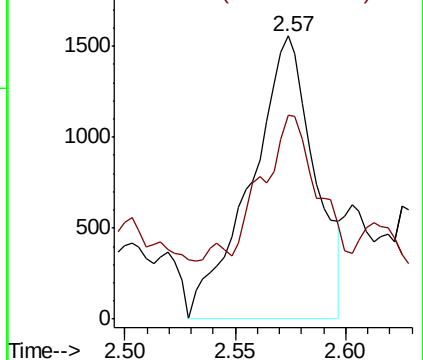
94 100

96 51.2 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#7

Trichlorofluoromethane

Concen: Below Cal

RT: 2.97 min Scan# 373

Delta R.T. -0.04 min

Lab File: VN051710.D

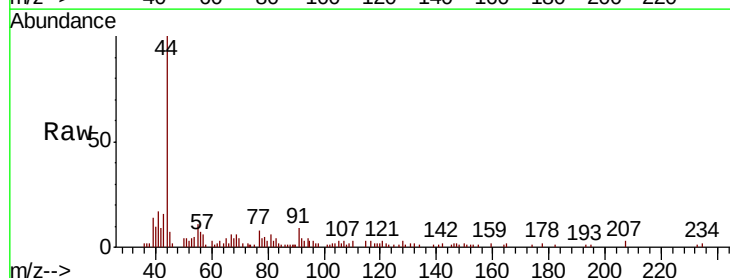
Acq: 6 Oct 2018 1:17

Tgt Ion:101 Resp: 77

Ion Ratio Lower Upper

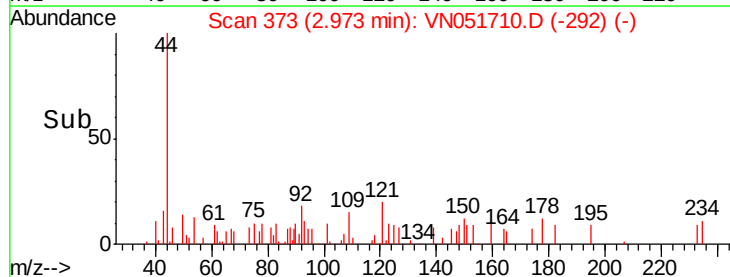
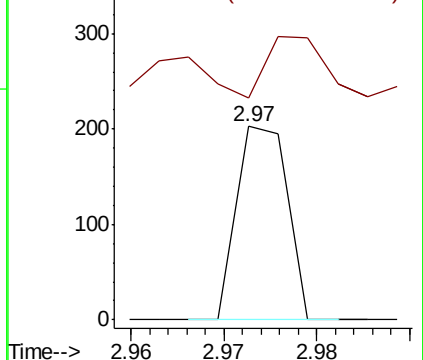
101 100

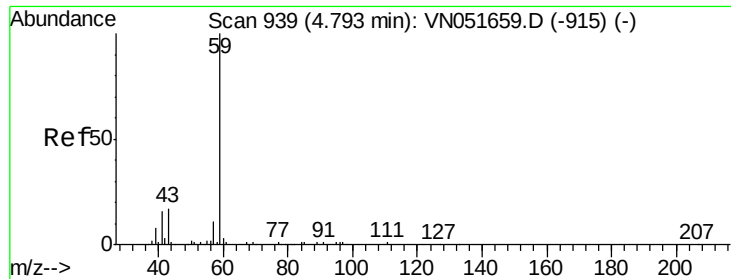
103 0.0 51.1 76.7#



Abundance Ion 100.90 (100.60 to 101.60): V

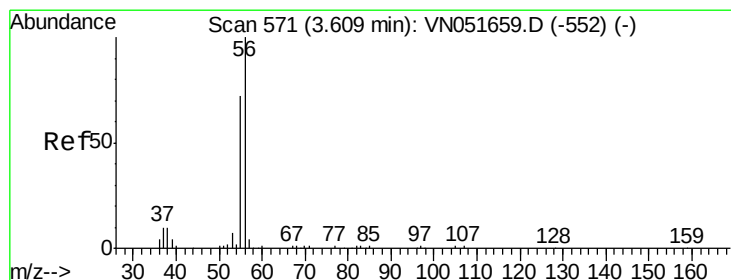
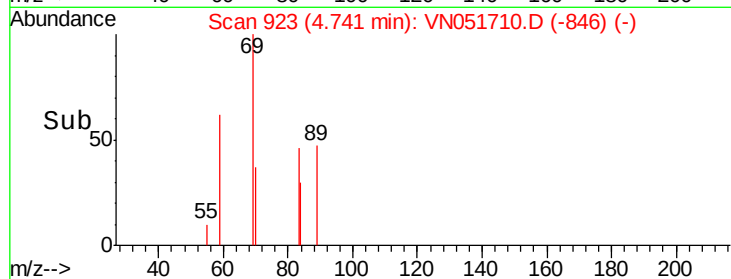
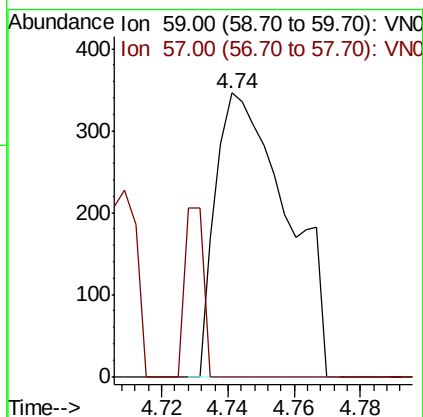
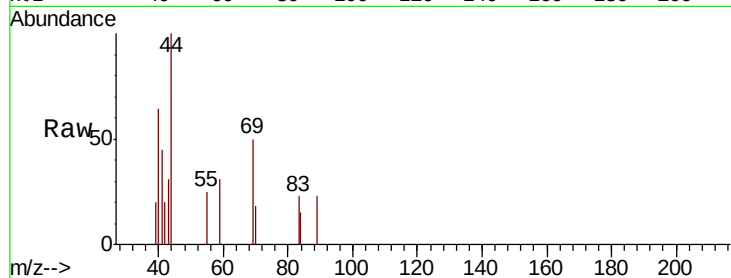
Ion 102.80 (102.50 to 103.50): V





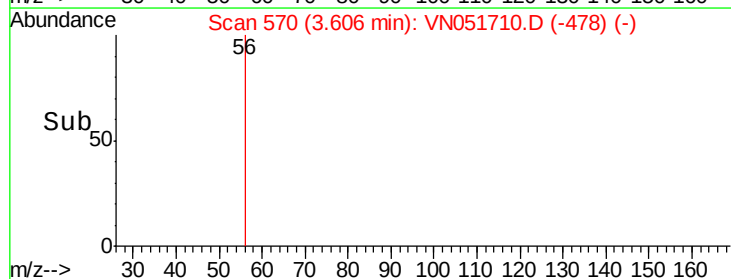
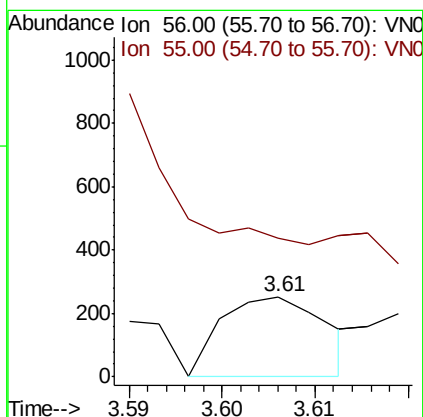
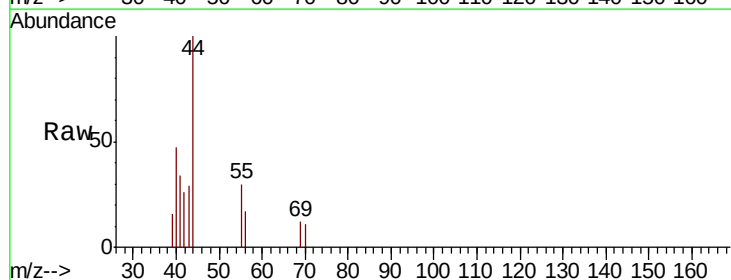
#11
Tert butyl alcohol
Concen: 0.848 ug/l
RT: 4.74 min Scan# 923
Delta R.T. -0.05 min
Lab File: VN051710.D
Acq: 6 Oct 2018 1:17

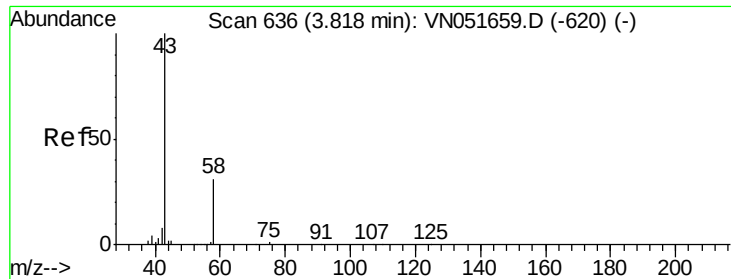
Tot Ion: 59 Resp: 521
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 0.516 ug/l
RT: 3.61 min Scan# 570
Delta R.T. -0.00 min
Lab File: VN051710.D
Acq: 6 Oct 2018 1:17

Tgt Ion: 56 Resp: 198
Ion Ratio Lower Upper
56 100
55 0.0 57.5 86.3#





#16

Acetone

Concen: Below Cal

RT: 3.80 min Scan# 629

Delta R.T. -0.02 min

Lab File: VN051710.D

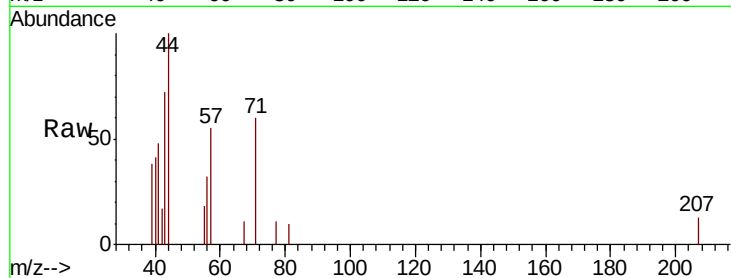
Acq: 6 Oct 2018 1:17

Tot Ion: 43 Resp: 549

Ion Ratio Lower Upper

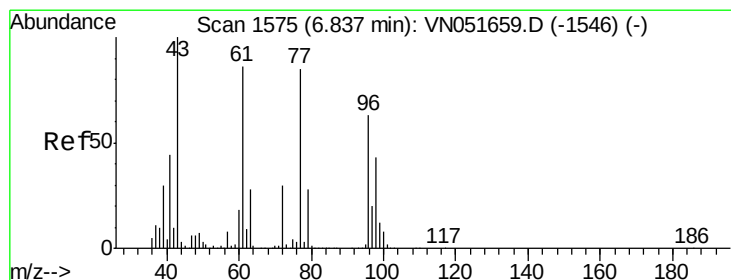
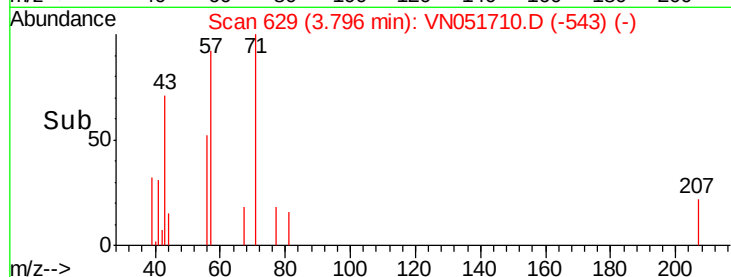
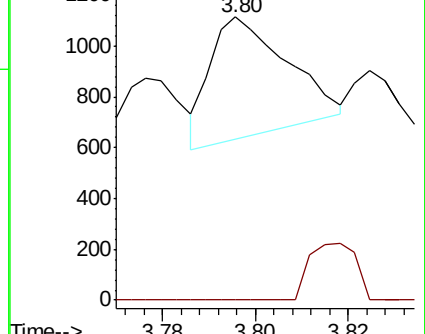
43 100

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



#25

2-Butanone

Concen: 0.214 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VN051710.D

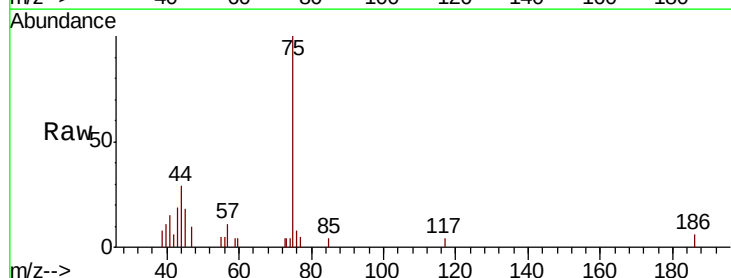
Acq: 6 Oct 2018 1:17

Tgt Ion: 43 Resp: 559

Ion Ratio Lower Upper

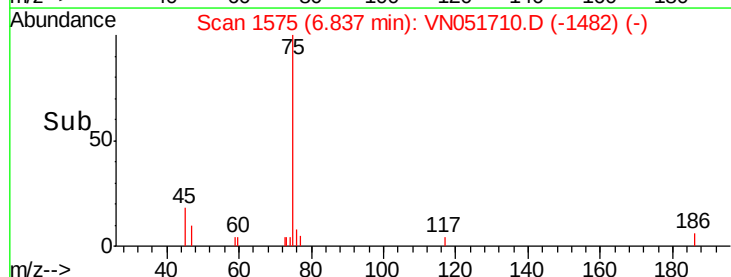
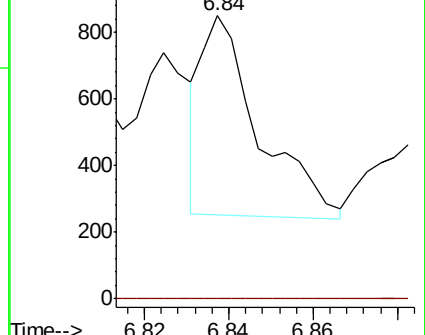
43 100

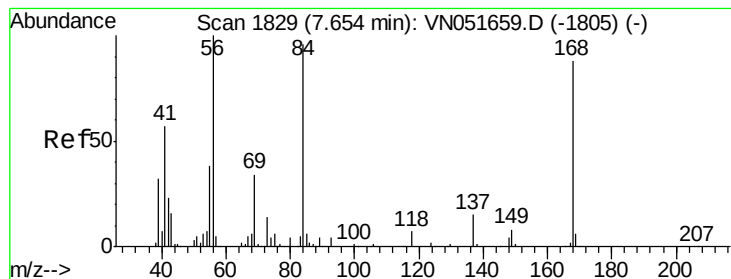
72 0.0 24.2 36.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#31

Cyclohexane

Concen: 2.884 ug/l

RT: 7.65 min Scan# 1828

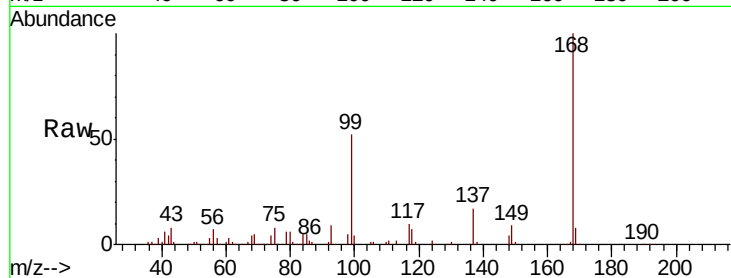
Delta R.T. -0.00 min

Lab File: VN051710.D

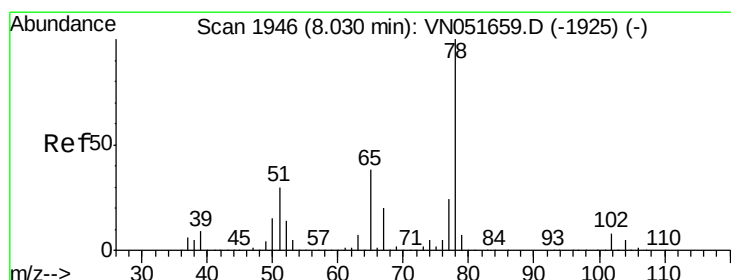
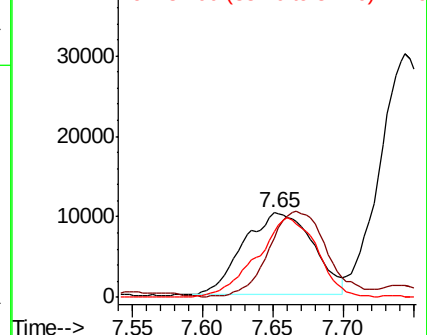
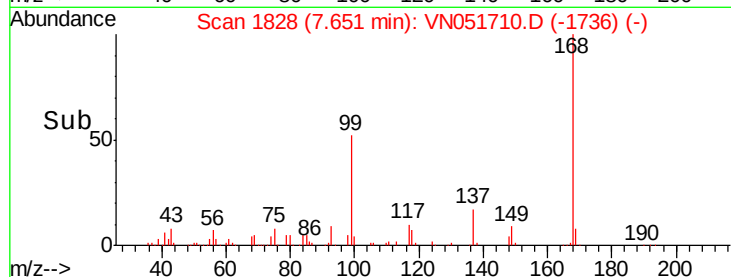
Acq: 6 Oct 2018 1:17

Tot Ion: 56 Resp: 35378

Ion	Ratio	Lower	Upper
56	100		
69	70.9	27.5	41.3#
84	79.5	76.7	115.1



Abundance Ion 56.00 (55.70 to 56.70): VN051710.D (-1736) (-)



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

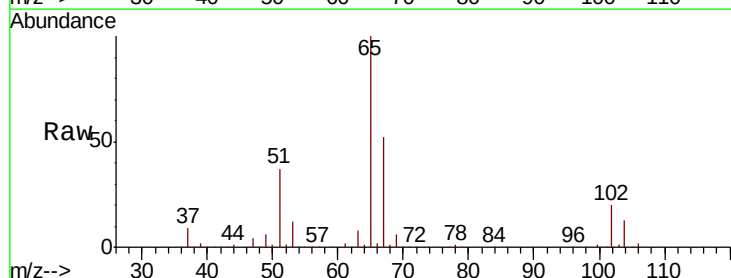
Delta R.T. -0.00 min

Lab File: VN051710.D

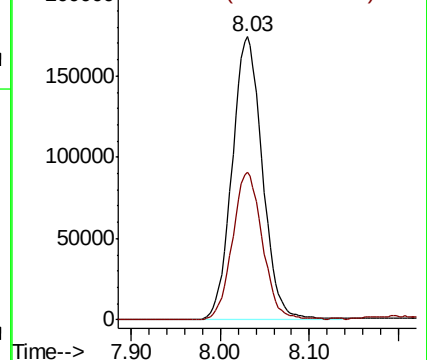
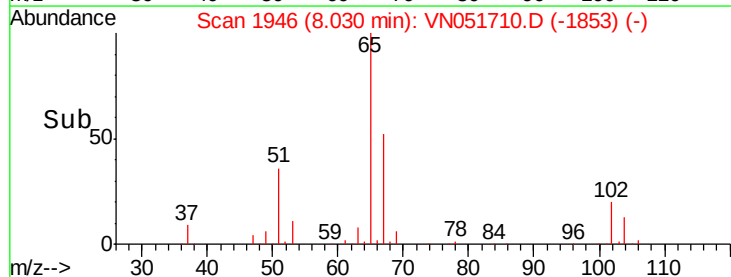
Acq: 6 Oct 2018 1:17

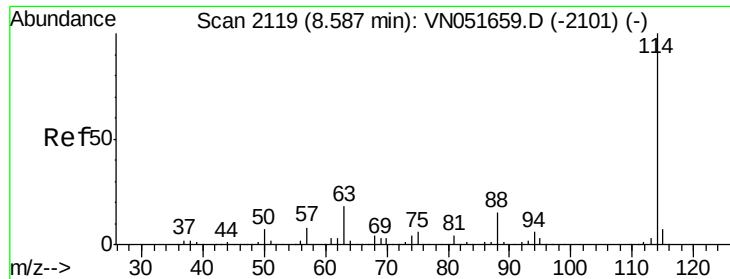
Tgt Ion: 65 Resp: 411511

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.6



Abundance Ion 64.90 (64.60 to 65.60): VN051710.D (-1853) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051710.D

Acq: 6 Oct 2018 1:17

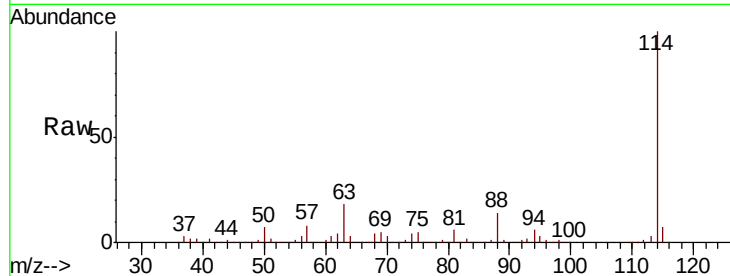
Tot Ion:114 Resp: 998651

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.2

88 14.3 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

600000

500000

400000

300000

200000

100000

0

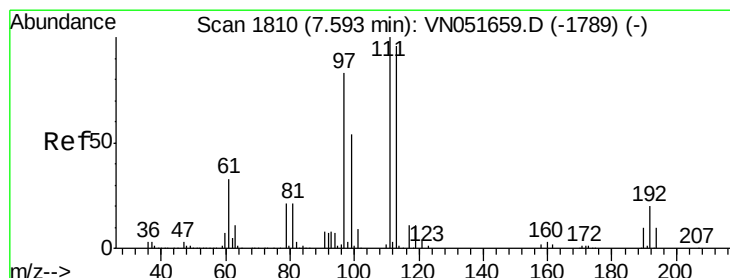
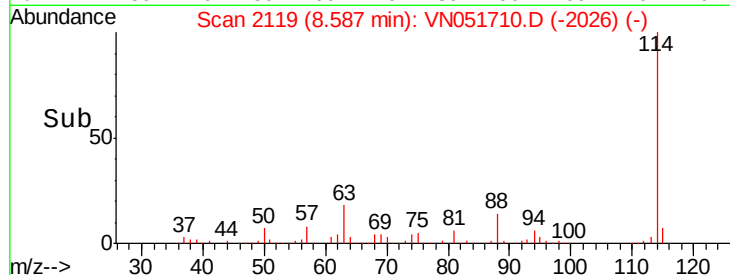
8.59

8.50

8.60

8.70

Time-->



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051710.D

Acq: 6 Oct 2018 1:17

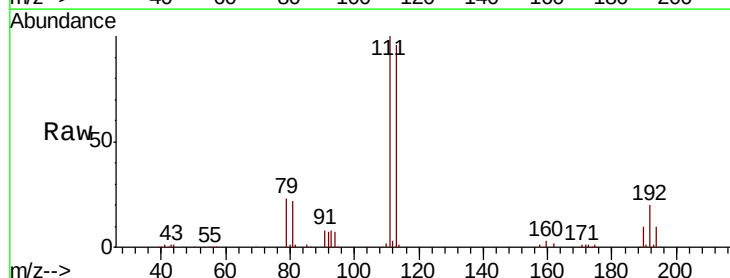
Tgt Ion:113 Resp: 377519

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

192 20.8 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

200000

150000

100000

50000

0

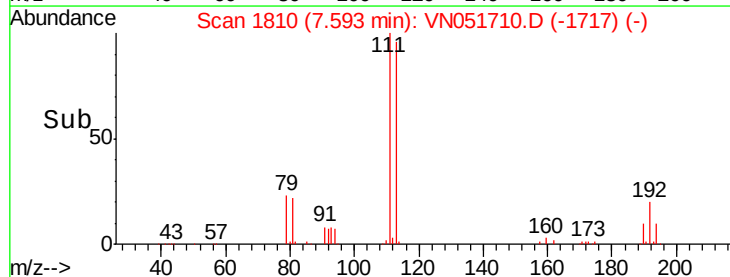
7.59

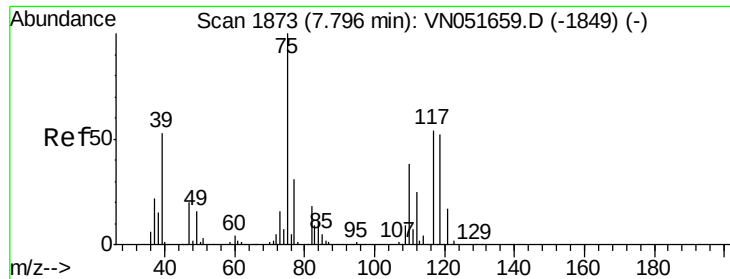
7.50

7.60

7.70

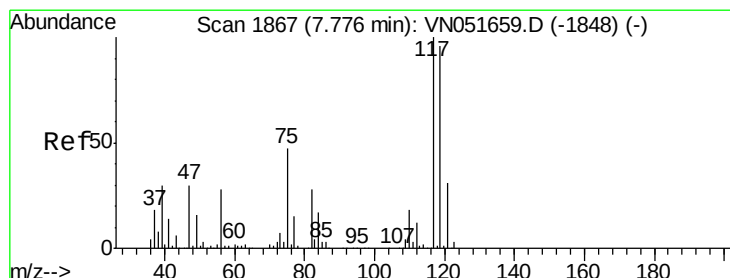
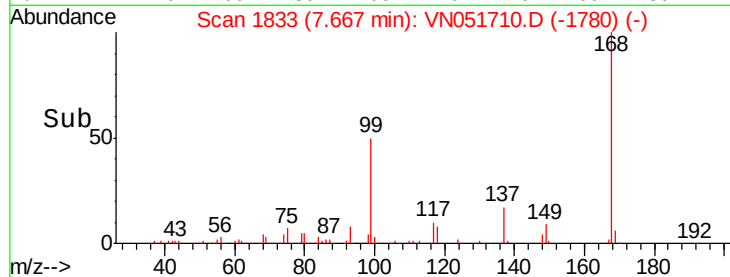
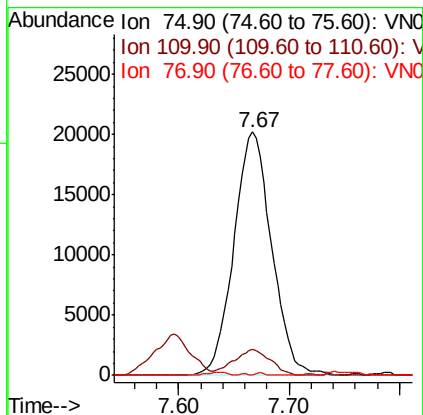
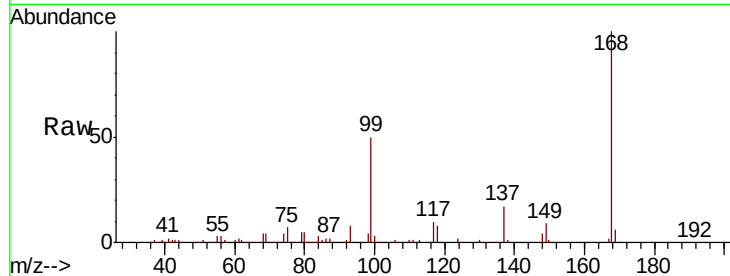
Time-->





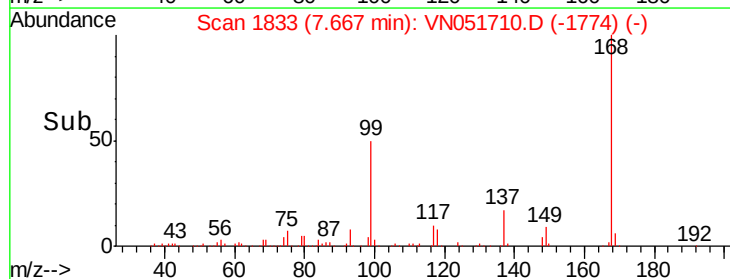
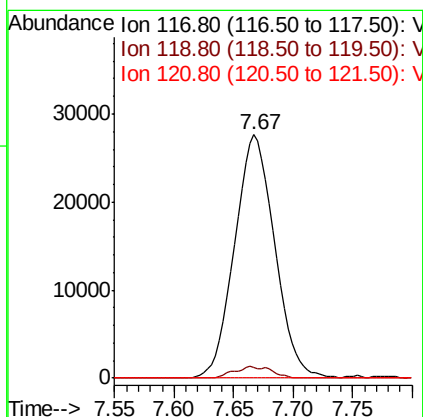
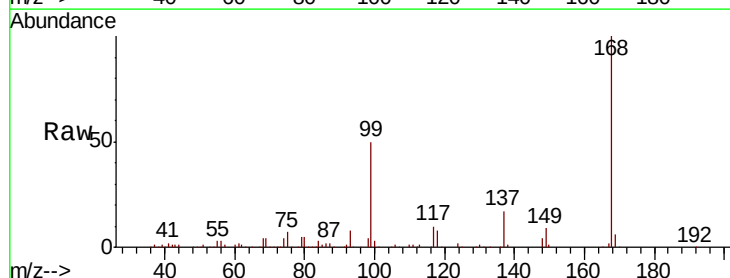
#36
 1,1-Dichloropropene
 Concen: 4.597 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051710.D
 Acq: 6 Oct 2018 1:17

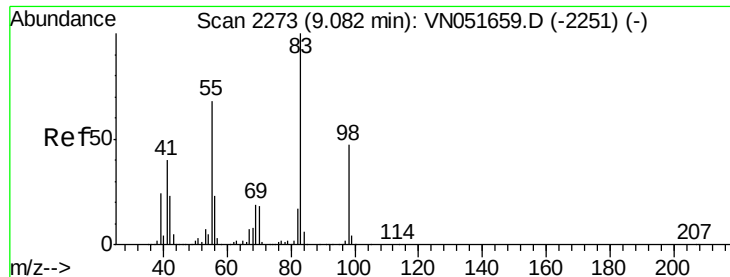
Tot Ion	75	Resp	47983
Ion Ratio	100	Lower	Upper
75	100		
110	10.3	19.3	57.8#
77	0.2	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.160 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051710.D
 Acq: 6 Oct 2018 1:17

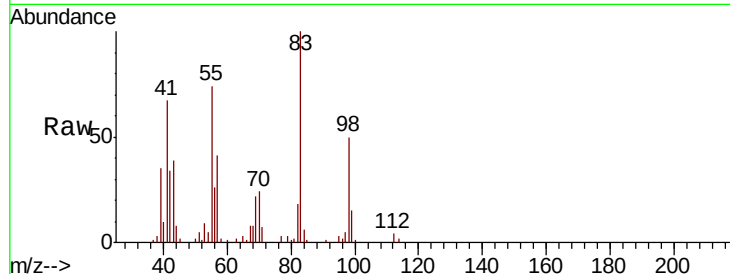
Tgt Ion	117	Resp	64632
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.6	77.0	115.6#
121	0.0	25.0	37.6#



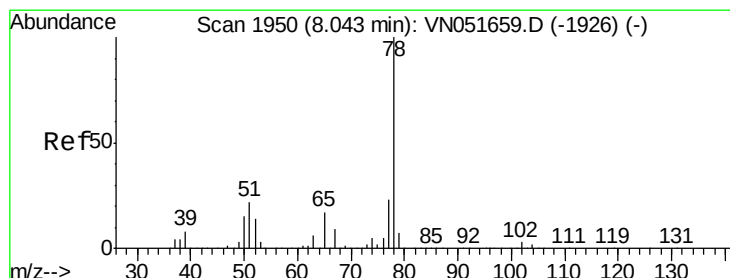
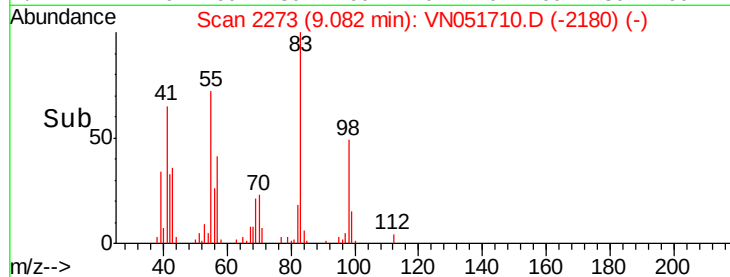
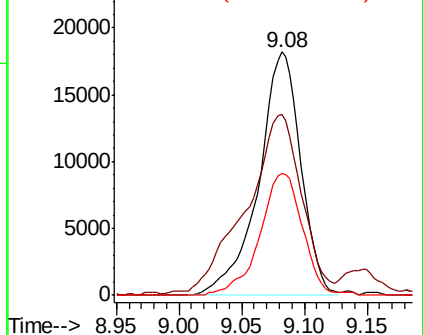


#39
Methylvlcyclohexane
Concen: 3.243 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051710.D
Acq: 6 Oct 2018 1:17

Tot Ion	83	Resp	42498
Ion Ratio	Lower	Upper	
83	100		
55	72.3	54.3	81.5
98	49.9	37.4	56.2

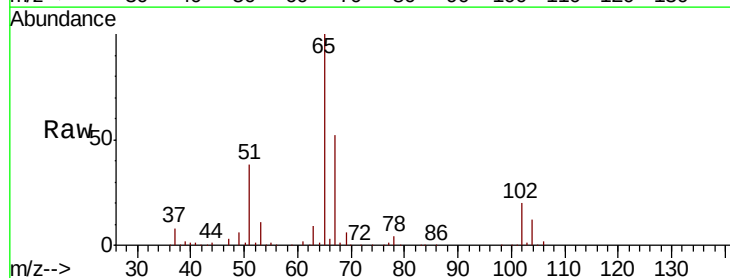


Abundance Ion 83.00 (82.70 to 83.70): VN051710.D (-2180) (-)

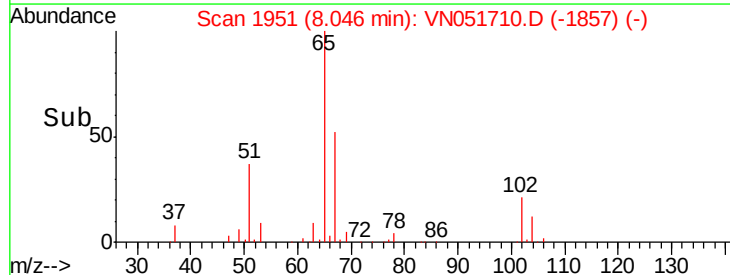
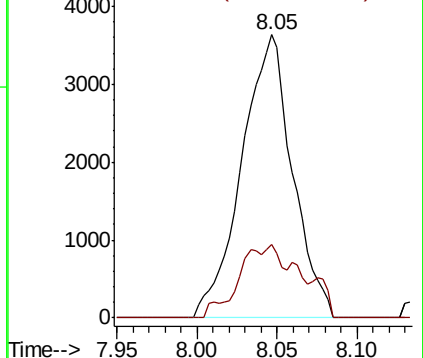


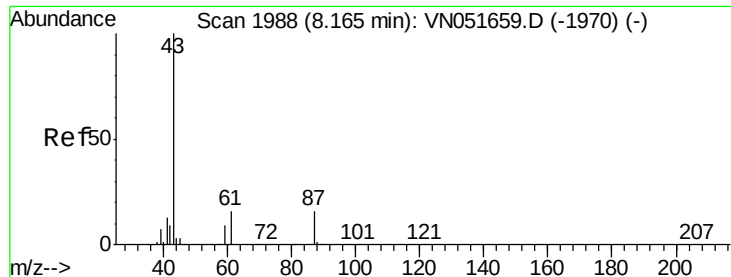
#40
Benzene
Concen: 0.256 ug/l
RT: 8.05 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VN051710.D
Acq: 6 Oct 2018 1:17

Tgt Ion	78	Resp	7921
Ion Ratio	Lower	Upper	
78	100		
77	25.9	18.5	27.7



Abundance Ion 78.00 (77.70 to 78.70): VN051710.D (-1857) (-)





#43

Isopropyl Acetate

Concen: 0.446 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.02 min

Lab File: VN051710.D

Acq: 6 Oct 2018 1:17

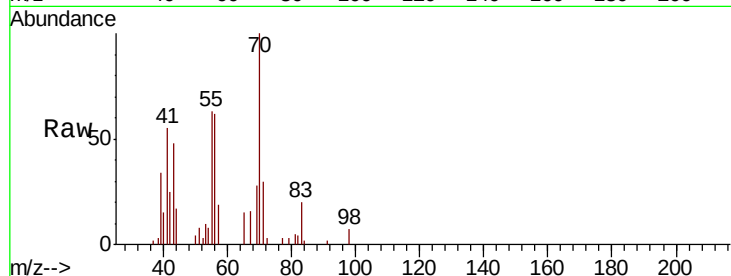
Tot Ion: 43 Resp: 5057

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.6#

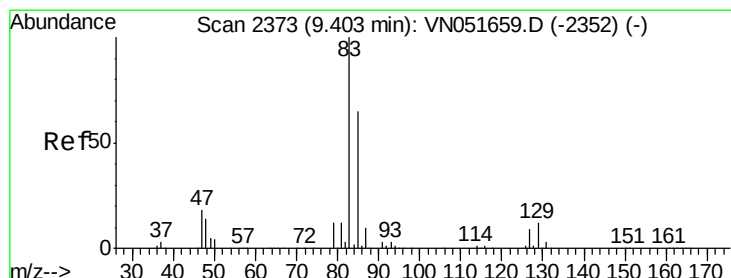
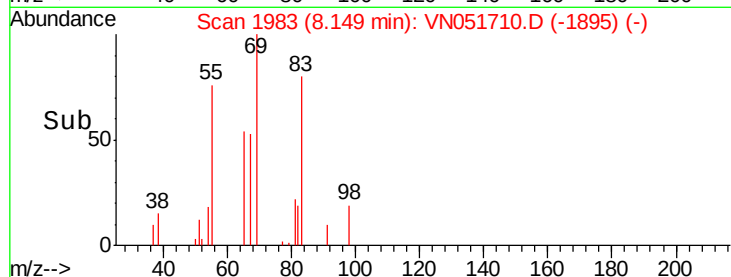
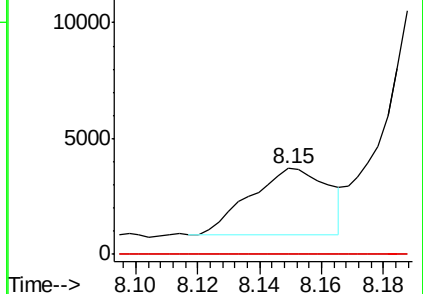
87 0.0 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#47

Bromodichloromethane

Concen: 0.222 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.02 min

Lab File: VN051710.D

Acq: 6 Oct 2018 1:17

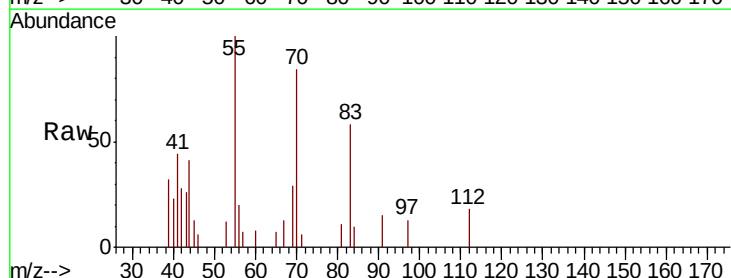
Tgt Ion: 83 Resp: 2603

Ion Ratio Lower Upper

83 100

85 0.0 51.6 77.4#

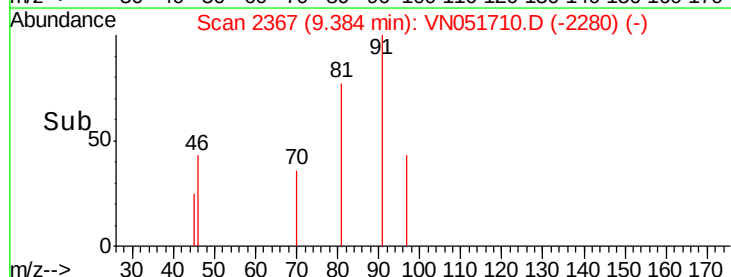
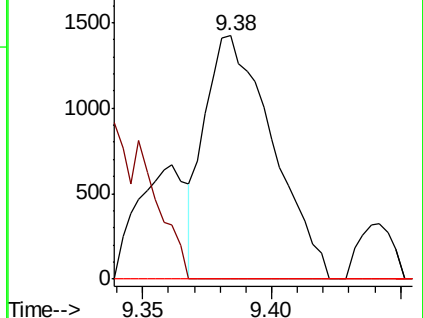
127 0.0 7.3 10.9#

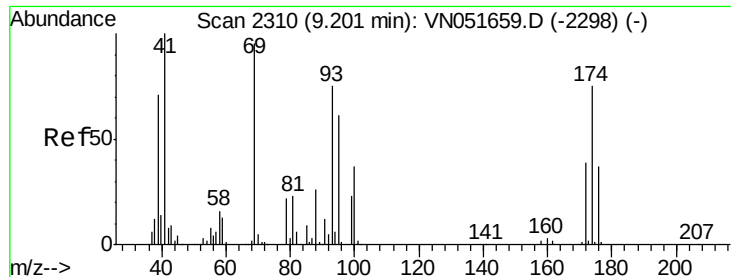


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

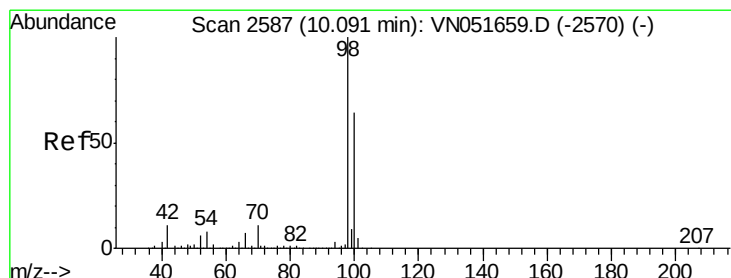
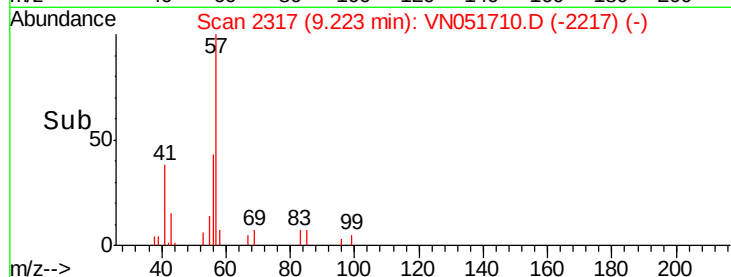
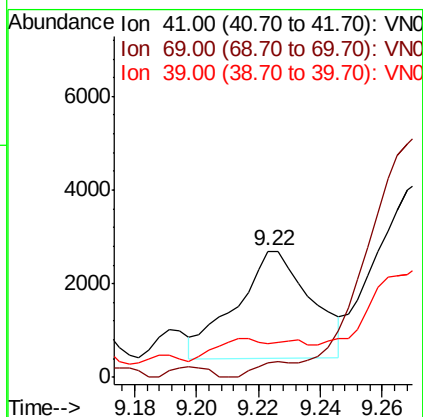
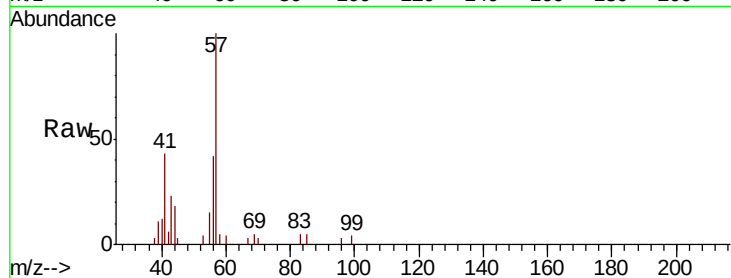
Ion 126.80 (126.50 to 127.50): V





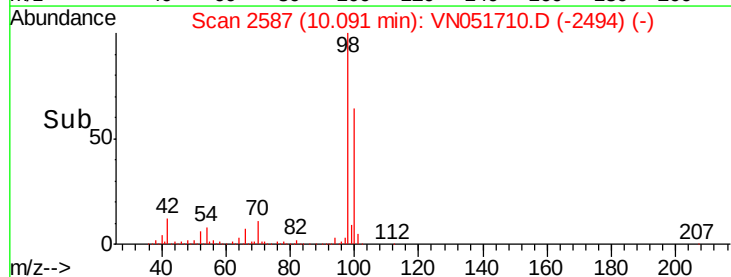
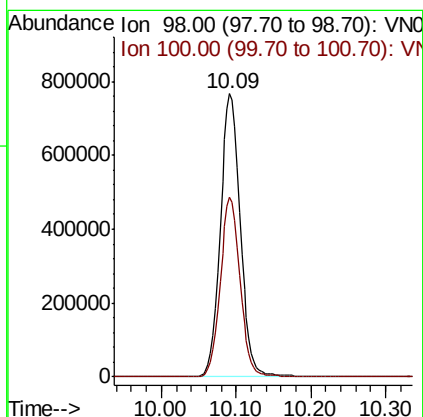
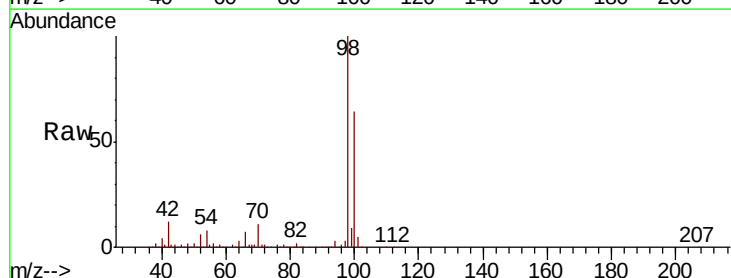
#48
Methvl methacrylate
Concen: 0.747 ug/l
RT: 9.22 min Scan# 2317
Delta R.T. 0.02 min
Lab File: VN051710.D
Acq: 6 Oct 2018 1:17

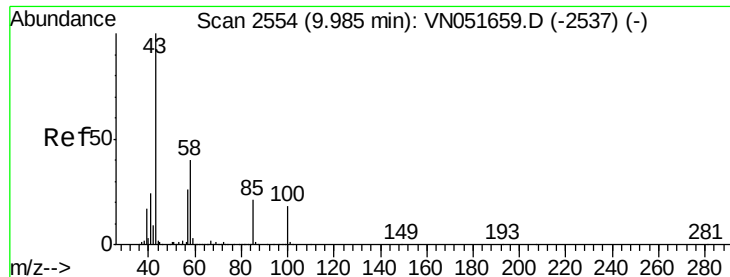
Tot Ion: 41 Resp: 3875
Ion Ratio Lower Upper
41 100
69 0.0 78.6 118.0#
39 0.0 59.2 88.8#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051710.D
Acq: 6 Oct 2018 1:17

Tgt Ion: 98 Resp: 1414616
Ion Ratio Lower Upper
98 100
100 62.9 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.837 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN051710.D

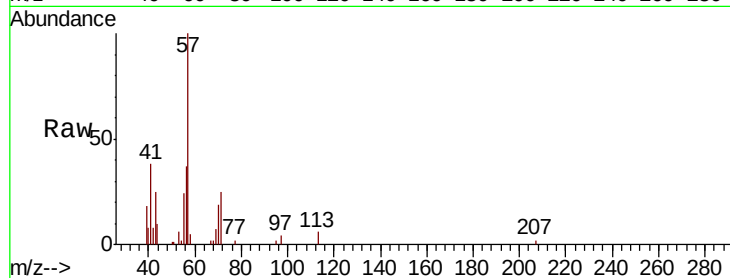
Acq: 6 Oct 2018 1:17

Tot Ion: 43 Resp: 4814

Ion Ratio Lower Upper

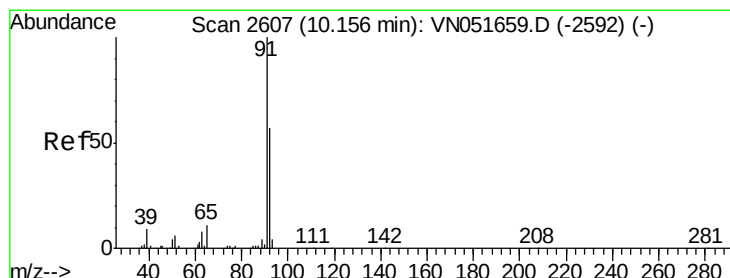
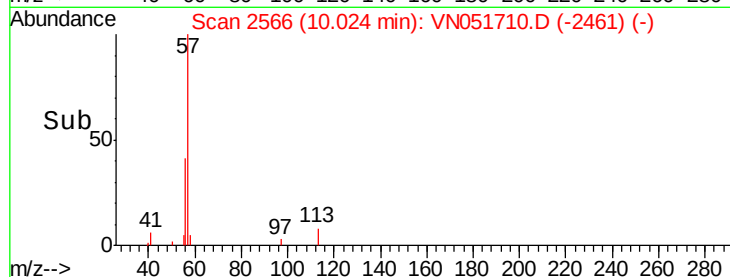
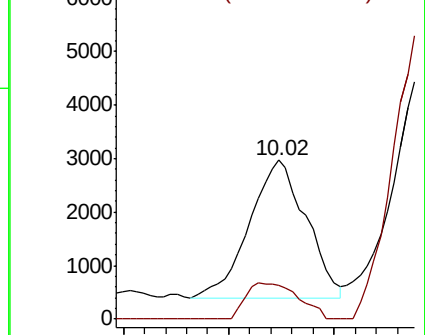
43 100

58 24.0 32.2 48.2#



Abundance Ion 43.00 (42.70 to 43.70): VN051710.D (-2566) (-)

Ion 58.00 (57.70 to 58.70): VN051710.D (-2566) (-)



#52

Toluene

Concen: 24.537 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051710.D

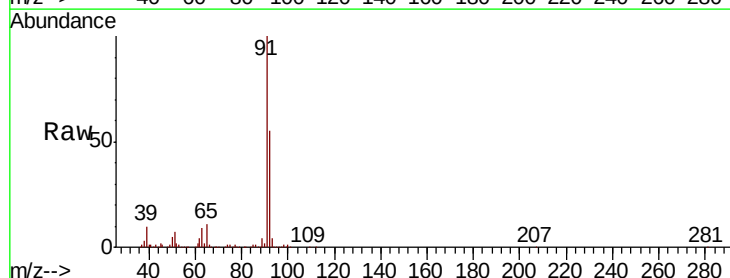
Acq: 6 Oct 2018 1:17

Tgt Ion: 92 Resp: 504996

Ion Ratio Lower Upper

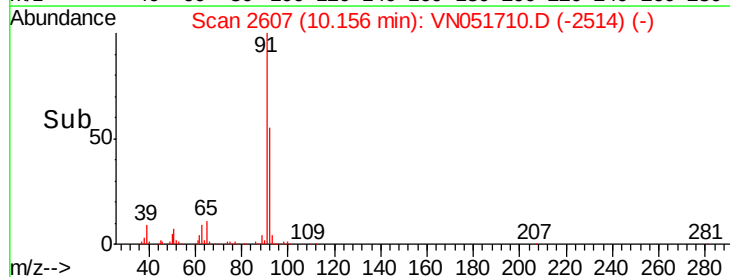
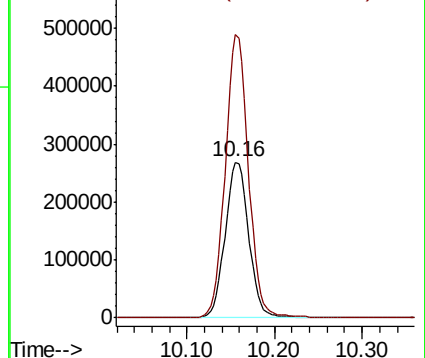
92 100

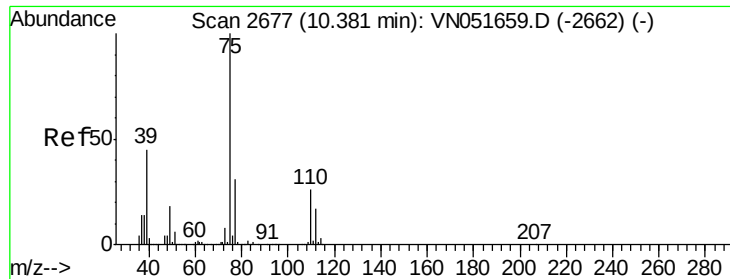
91 177.7 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN051710.D (-2607) (-)

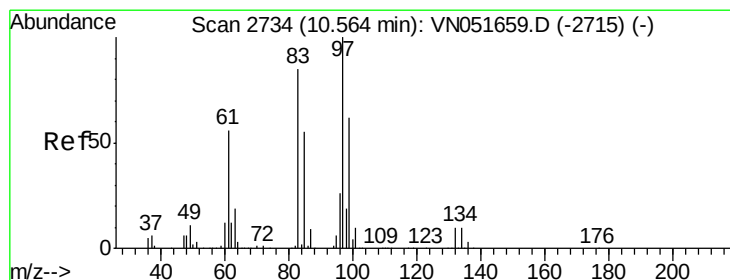
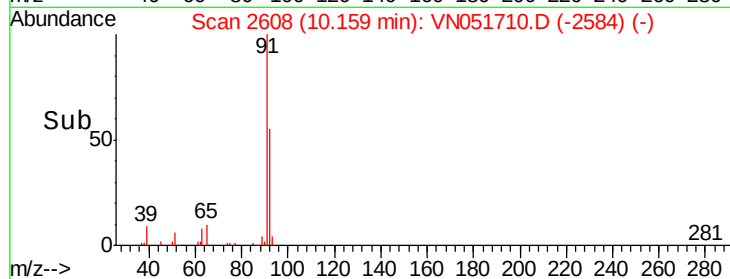
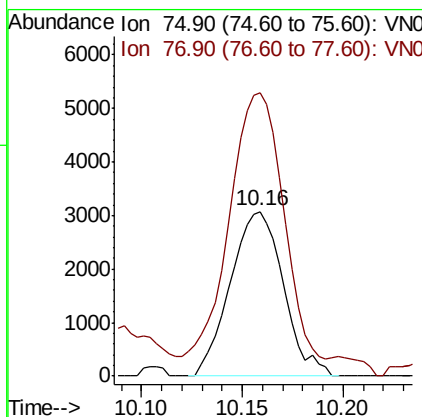
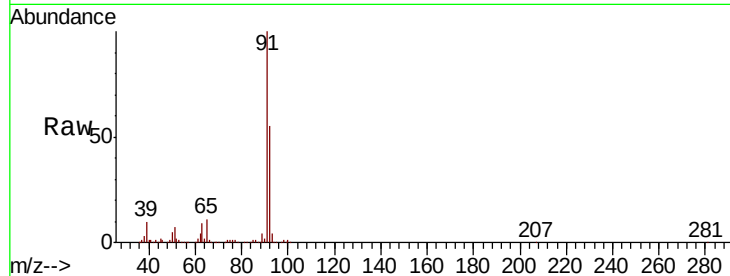
Ion 91.00 (90.70 to 91.70): VN051710.D (-2607) (-)





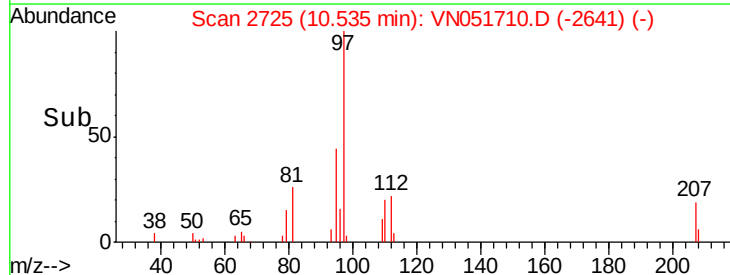
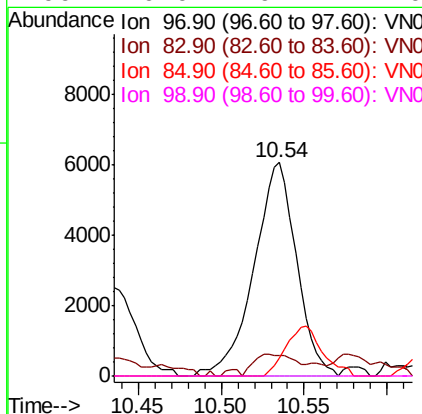
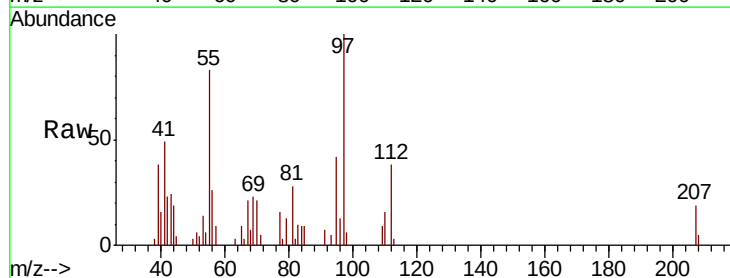
#53
t-1,3-Dichloropropene
Concen: 0.468 ug/l
RT: 10.16 min Scan# 2608
Delta R.T. -0.22 min
Lab File: VN051710.D
Acq: 6 Oct 2018 1:17

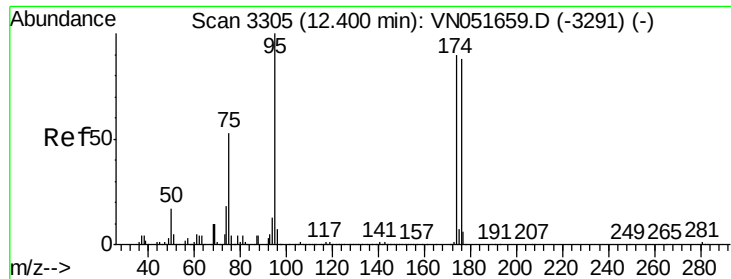
Tot Ion: 75 Resp: 5649
Ion Ratio Lower Upper
75 100
77 160.5 25.5 38.3#



#55
1,1,2-Trichloroethane
Concen: 1.475 ug/l
RT: 10.54 min Scan# 2725
Delta R.T. -0.03 min
Lab File: VN051710.D
Acq: 6 Oct 2018 1:17

Tgt Ion: 97 Resp: 10813
Ion Ratio Lower Upper
97 100
83 6.3 68.1 102.1#
85 8.5 43.6 65.4#
99 0.0 49.4 74.0#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051710.D

Acq: 6 Oct 2018 1:17

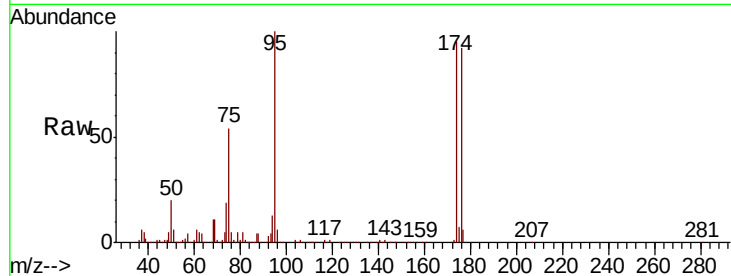
Tot Ion: 95 Resp: 417495

Ion Ratio Lower Upper

95 100

174 95.1 0.0 182.8

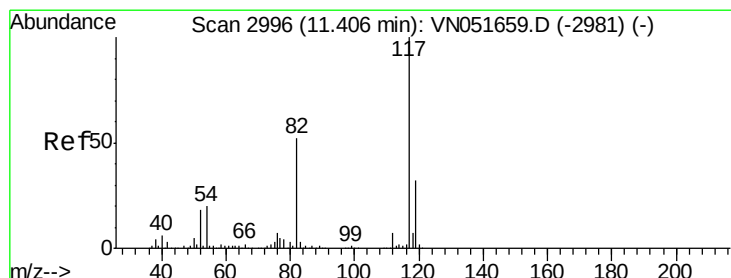
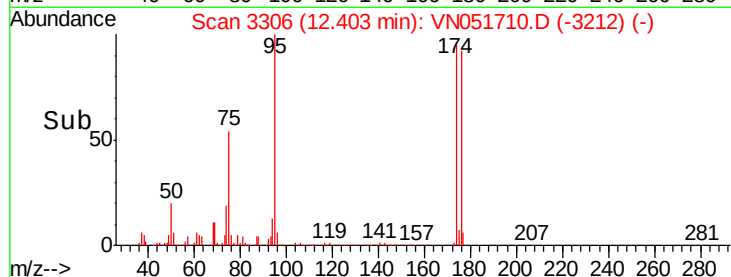
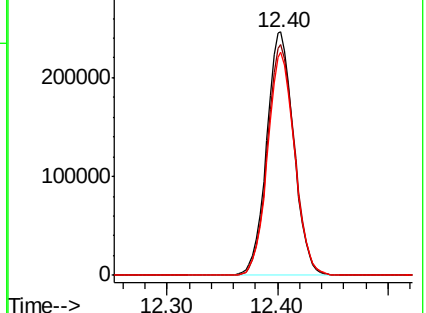
176 91.3 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051710.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051710.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051710.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051710.D

Acq: 6 Oct 2018 1:17

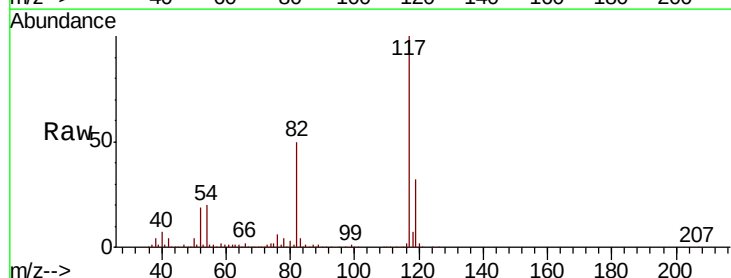
Tgt Ion: 117 Resp: 882171

Ion Ratio Lower Upper

117 100

82 50.0 41.3 61.9

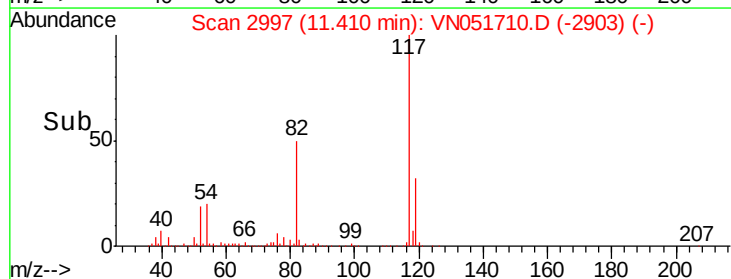
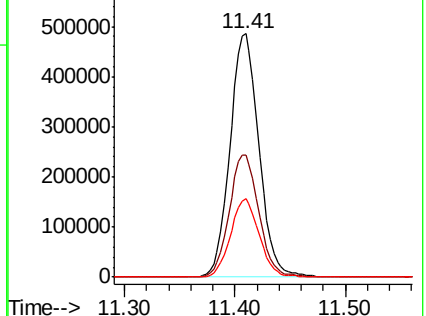
119 32.1 25.9 38.9

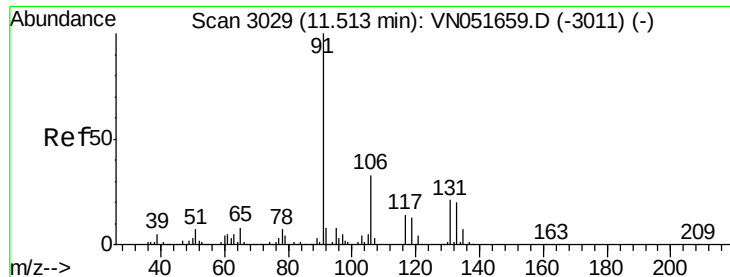


Abundance Ion 116.90 (116.60 to 117.60): VN051710.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051710.D (-2981) (-)

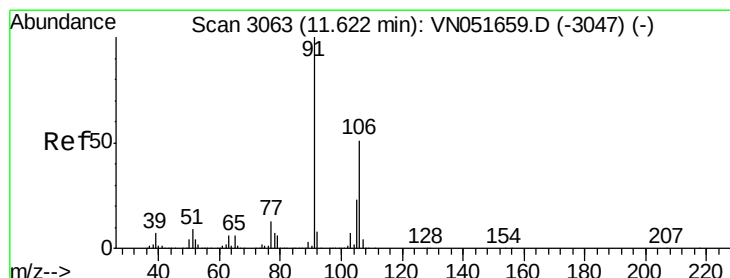
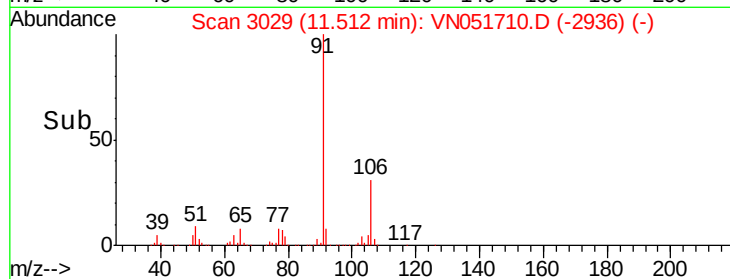
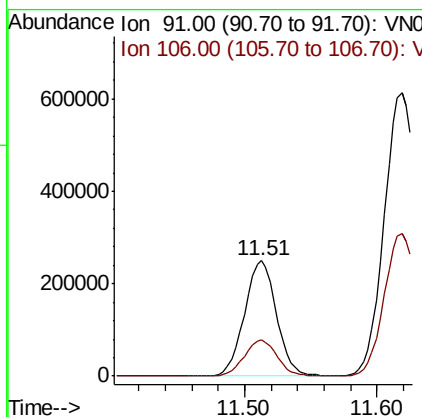
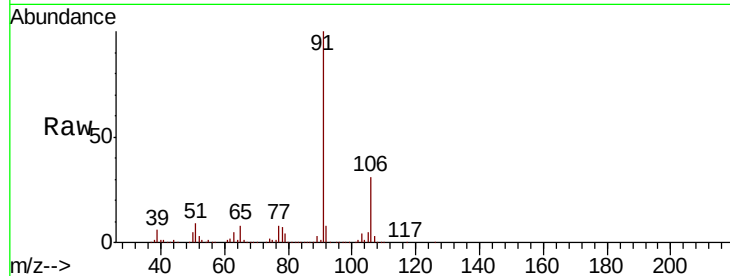
Ion 118.90 (118.60 to 119.60): VN051710.D (-2981) (-)





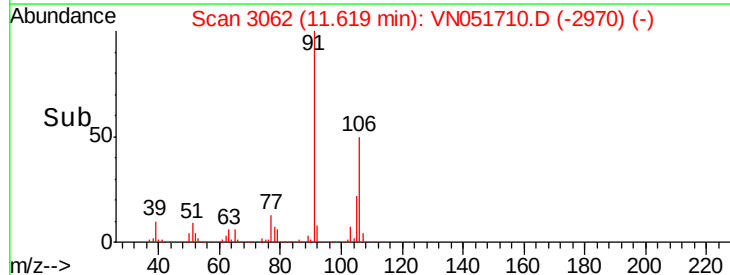
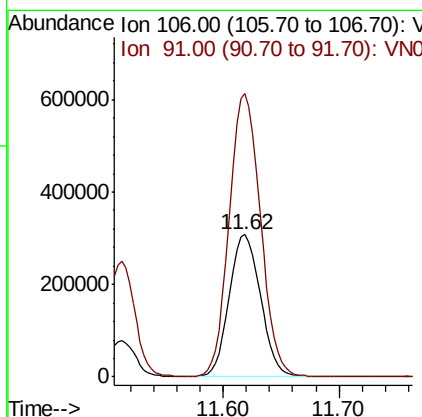
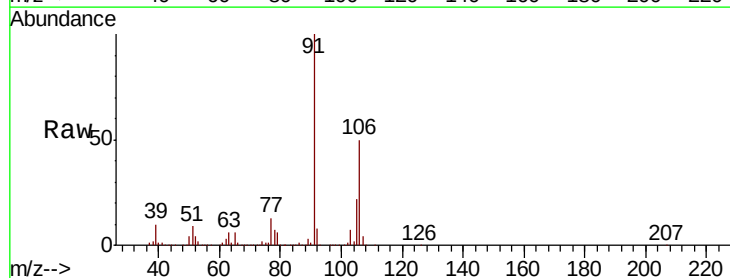
#67
Ethyl Benzene
Concen: 11.112 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN051710.D
Acq: 6 Oct 2018 1:17

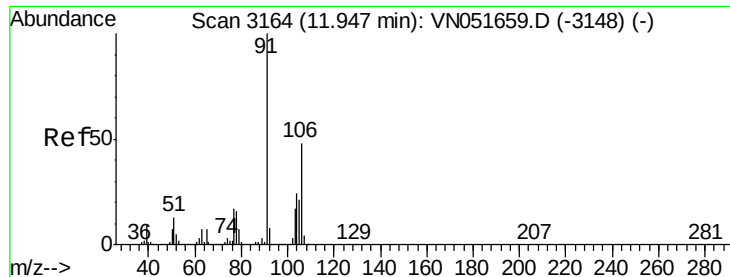
Tot Ion: 91 Resp: 419649
Ion Ratio Lower Upper
91 100
106 31.4 26.0 39.0



#68
m/p-Xylenes
Concen: 38.123 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051710.D
Acq: 6 Oct 2018 1:17

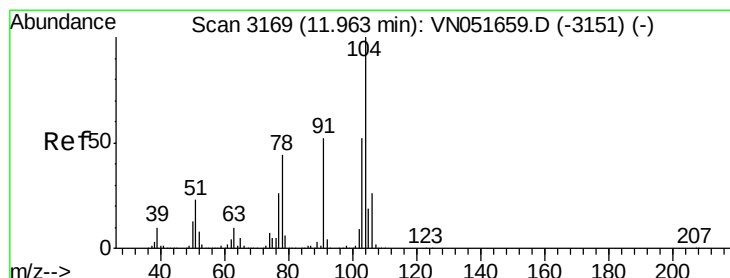
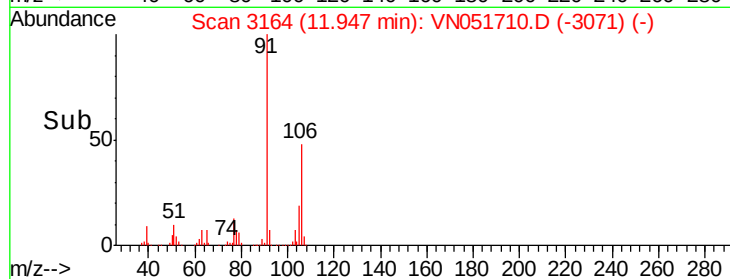
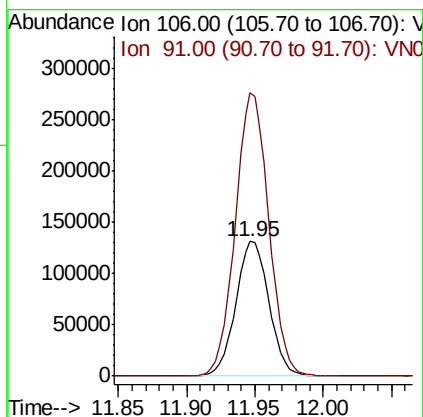
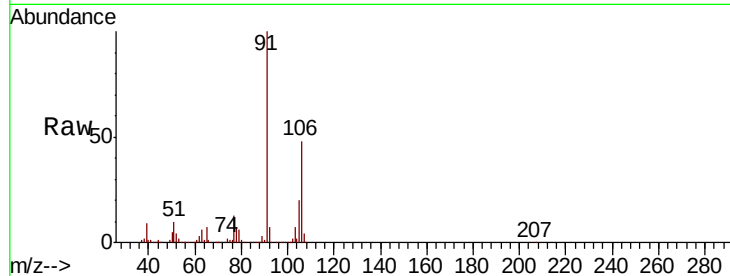
Tgt Ion: 106 Resp: 576036
Ion Ratio Lower Upper
106 100
91 198.4 158.4 237.6





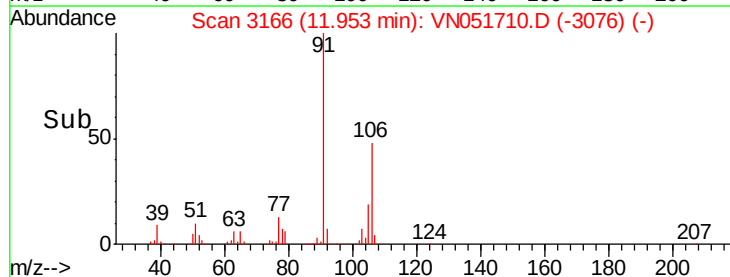
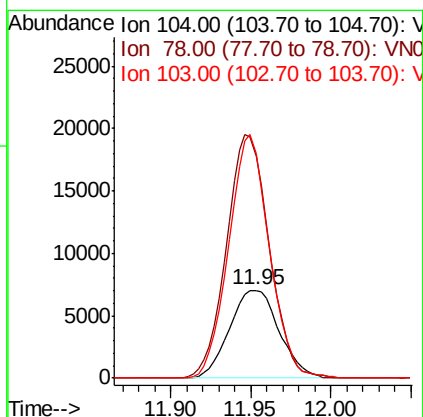
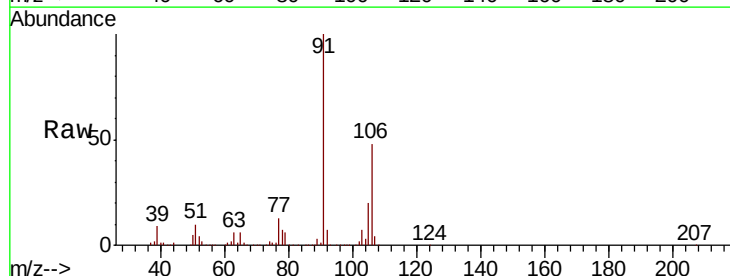
#69
o-Xylene
Concen: 14.937 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051710.D
Acq: 6 Oct 2018 1:17

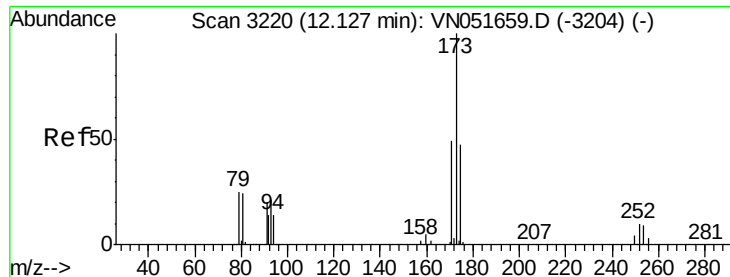
Tot Ion:106 Resp: 221340
Ion Ratio Lower Upper
106 100
91 212.0 104.4 313.2



#70
Styrene
Concen: 0.633 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. -0.01 min
Lab File: VN051710.D
Acq: 6 Oct 2018 1:17

Tgt Ion:104 Resp: 14937
Ion Ratio Lower Upper
104 100
78 236.8 39.3 58.9#
103 225.9 45.0 67.6#





#71

Bromoform

Concen: 0.617 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN051710.D

Acq: 6 Oct 2018 1:17

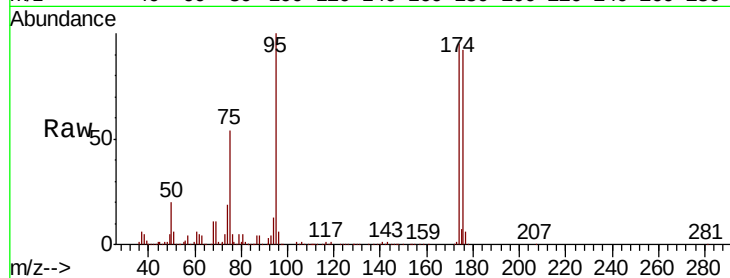
Tot Ion:173 Resp: 4017

Ion Ratio Lower Upper

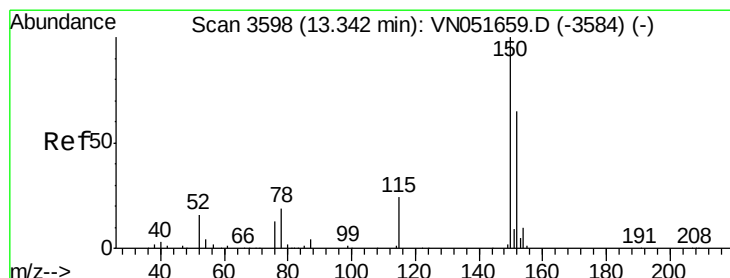
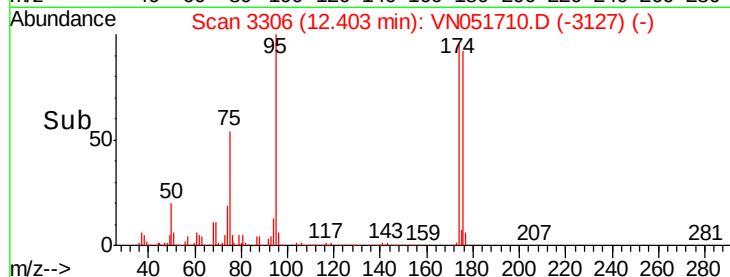
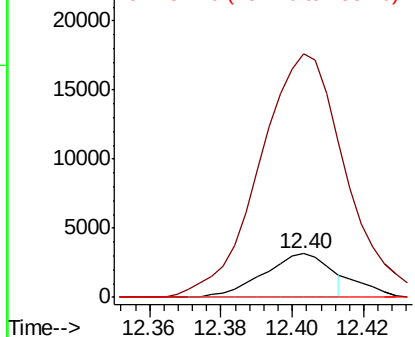
173 100

175 619.9 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: VN051710.D

Acq: 6 Oct 2018 1:17

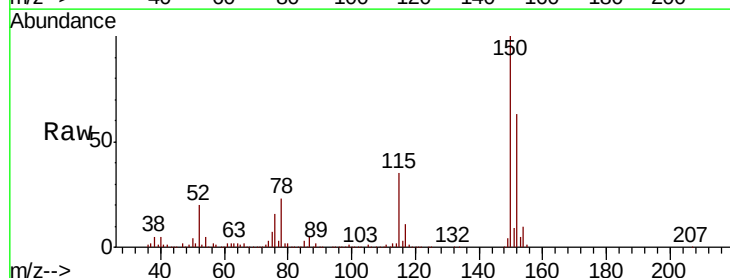
Tgt Ion:152 Resp: 369285

Ion Ratio Lower Upper

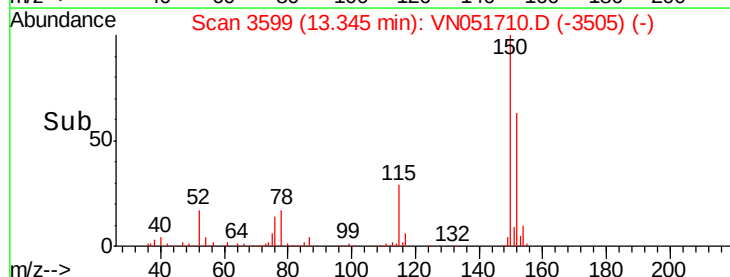
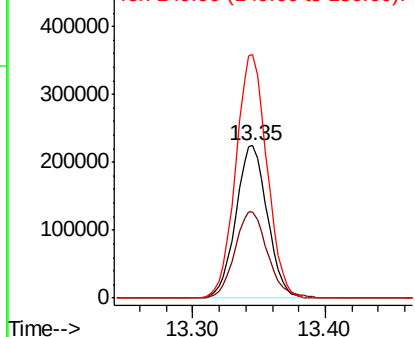
152 100

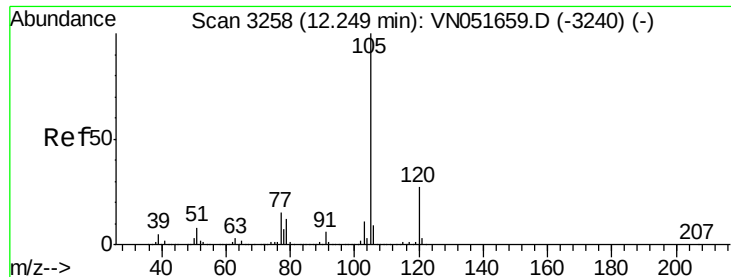
115 59.0 28.6 85.8

150 158.0 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: 1.610 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051710.D

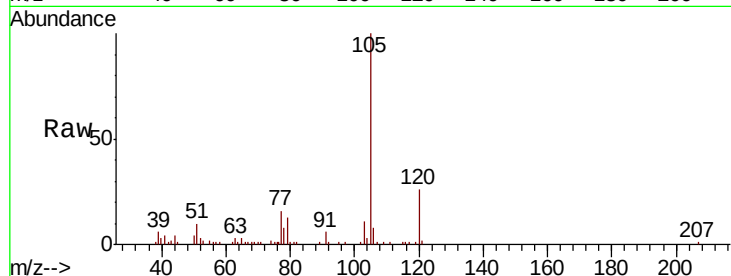
Acq: 6 Oct 2018 1:17

Tot Ion: 105 Resp: 50683

Ion Ratio Lower Upper

105 100

120 27.9 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

30000

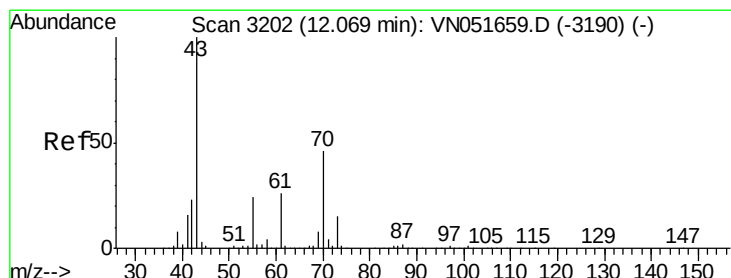
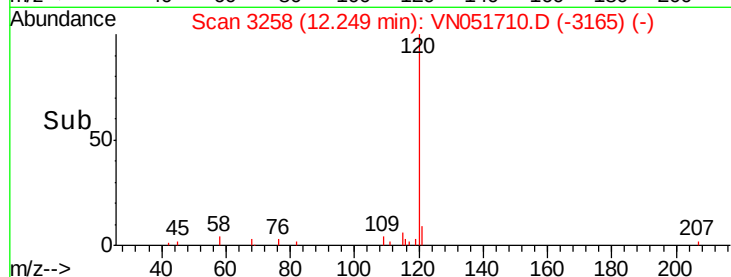
20000

10000

0

Time-->

12.20 12.25 12.30



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.05 min Scan# 3196

Delta R.T. -0.02 min

Lab File: VN051710.D

Acq: 6 Oct 2018 1:17

Tgt Ion: 43 Resp: 1591

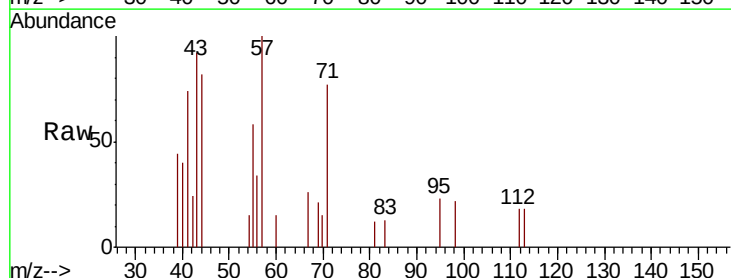
Ion Ratio Lower Upper

43 100

70 29.5 37.1 55.7#

55 23.3 19.1 28.7

61 0.0 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

2000

1500

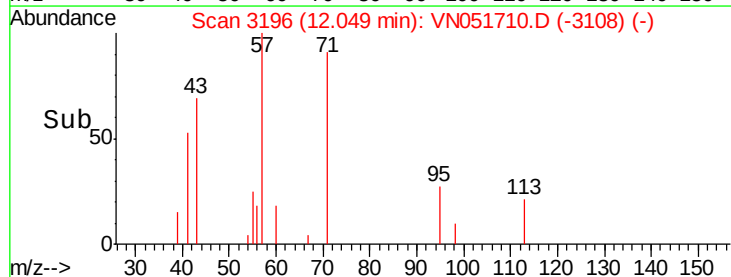
1000

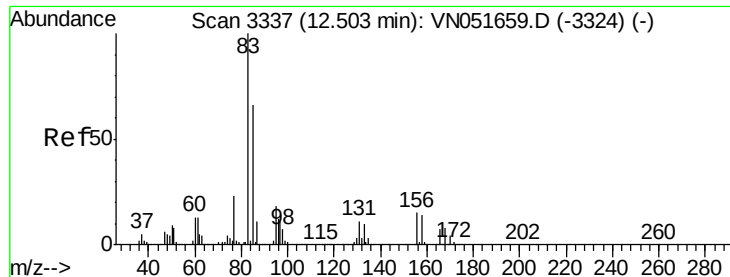
500

0

Time-->

12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.52 min Scan# 3342

Delta R.T. 0.02 min

Lab File: VN051710.D

Acq: 6 Oct 2018 1:17

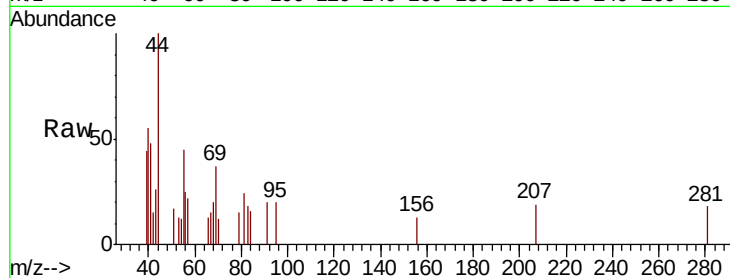
Tot Ion: 83 Resp: 149

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

85 73.2 33.0 98.9



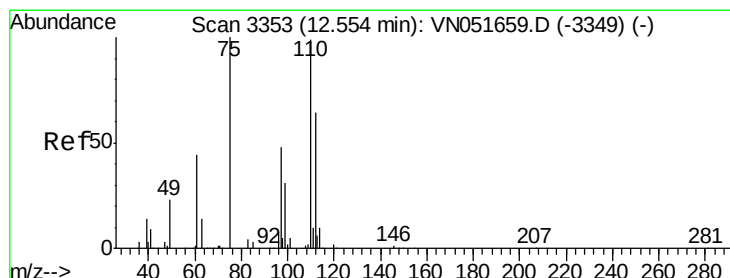
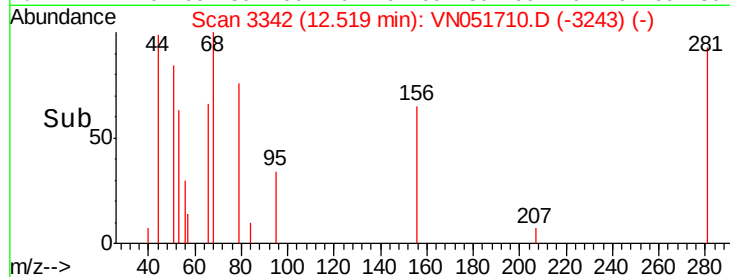
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

Time-->

12.51 12.52 12.53



#76

1,2,3-Trichloropropane

Concen: 48.868 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051710.D

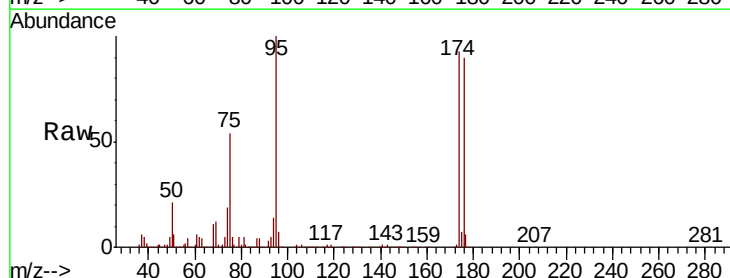
Acq: 6 Oct 2018 1:17

Tgt Ion: 75 Resp: 224655

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

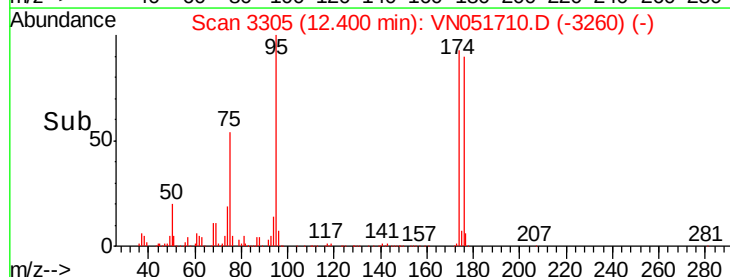


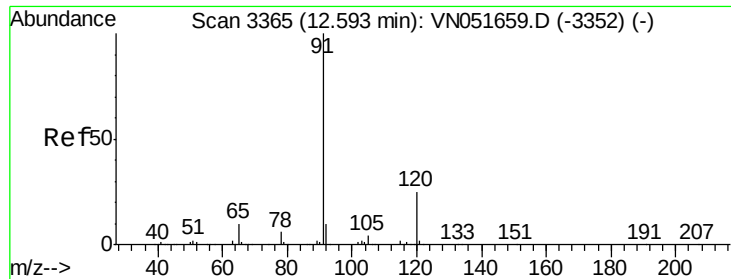
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

Time-->

12.30 12.40 12.50





#78

n-propylbenzene

Concen: 5.706 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN051710.D

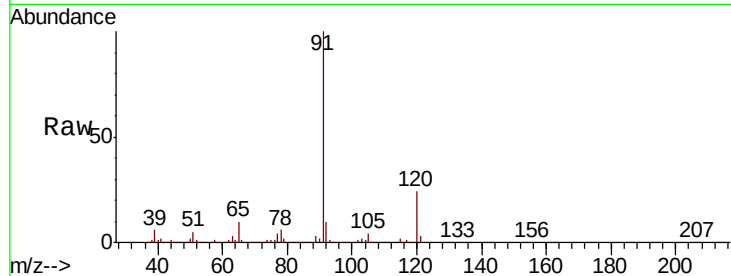
Acq: 6 Oct 2018 1:17

Tot Ion: 91 Resp: 195922

Ion Ratio Lower Upper

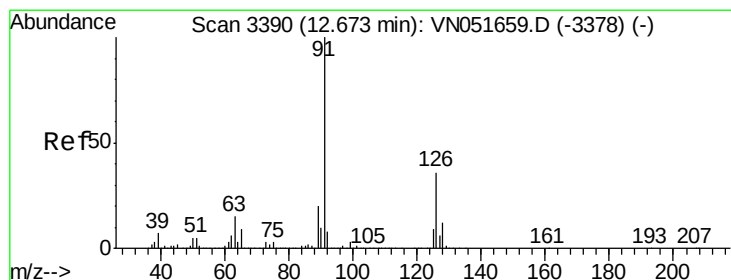
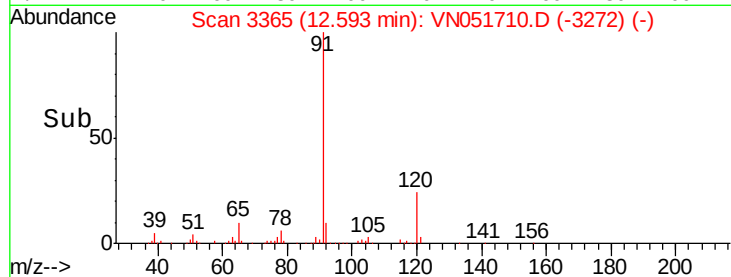
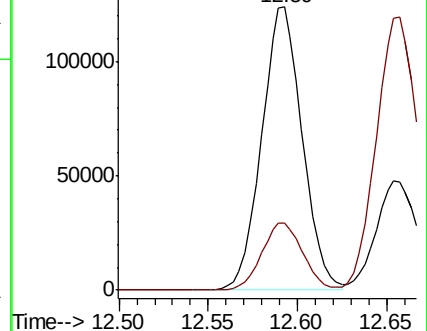
91 100

120 24.1 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: 3.684 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN051710.D

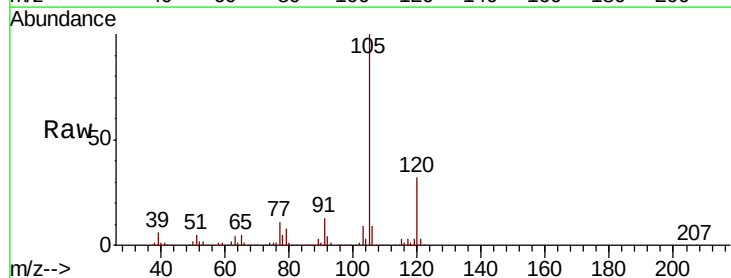
Acq: 6 Oct 2018 1:17

Tgt Ion: 91 Resp: 74550

Ion Ratio Lower Upper

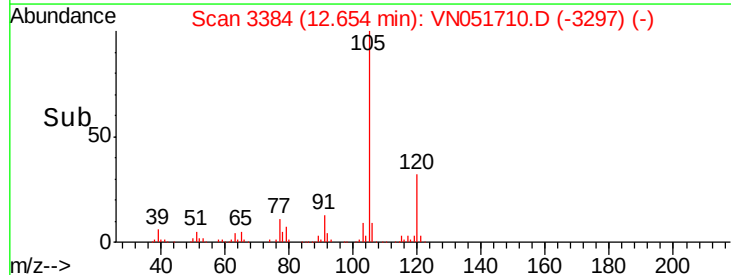
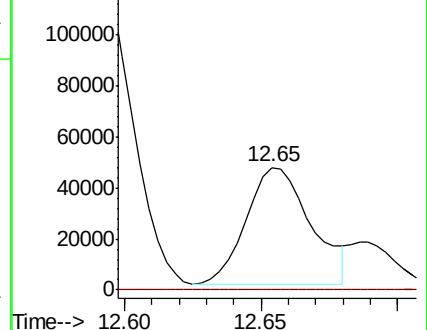
91 100

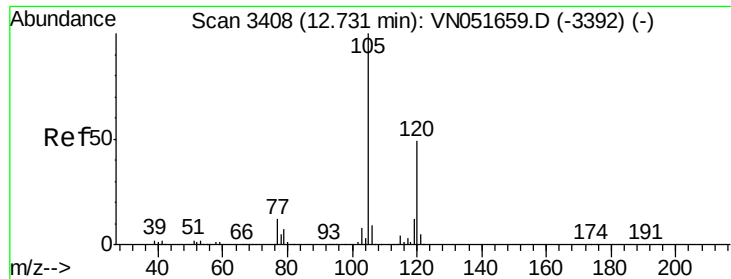
126 0.0 18.5 55.5#



Abundance Ion 91.00 (90.70 to 91.70): VN0

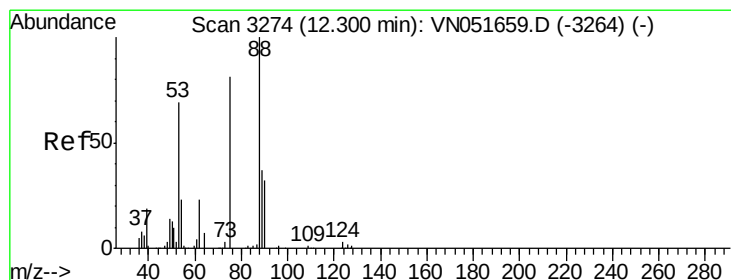
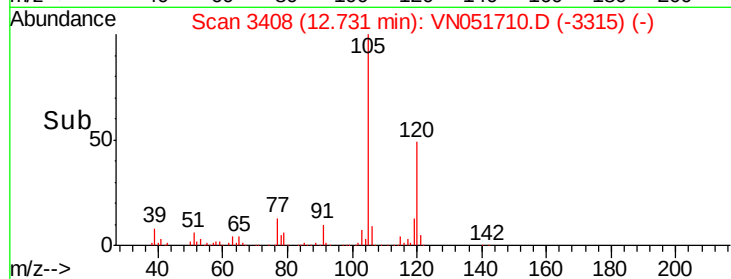
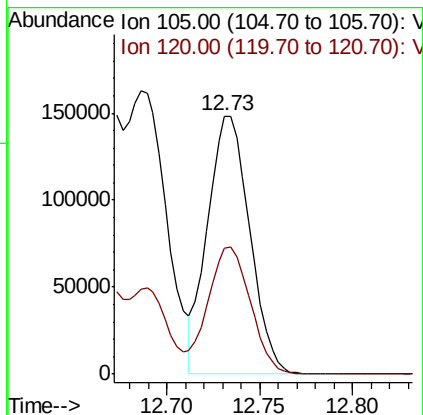
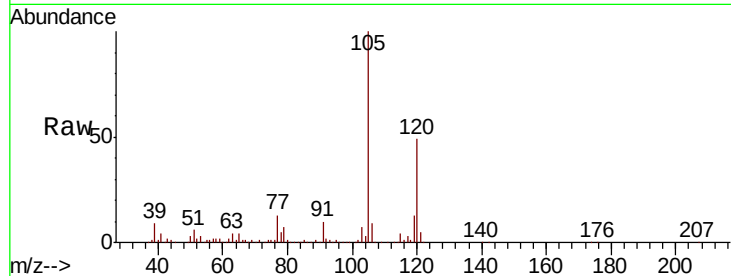
Ion 125.90 (125.60 to 126.60): V





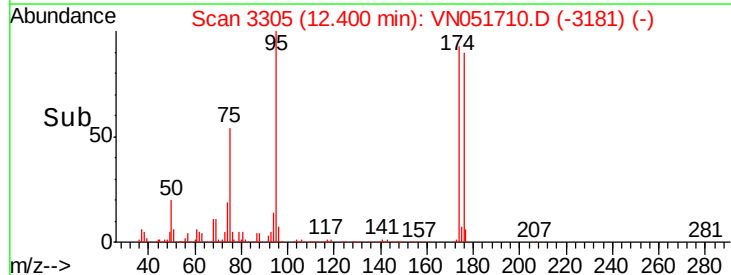
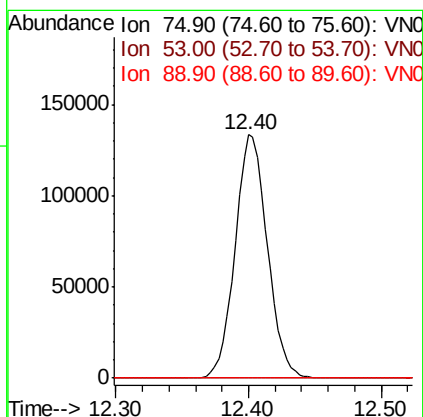
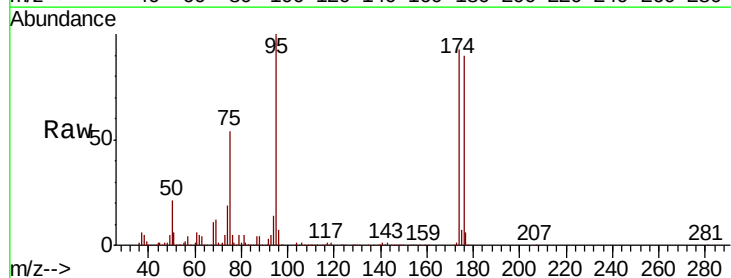
#80
 1,3,5-Trimethylbenzene
 Concen: 8.804 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN051710.D
 Acq: 6 Oct 2018 1:17

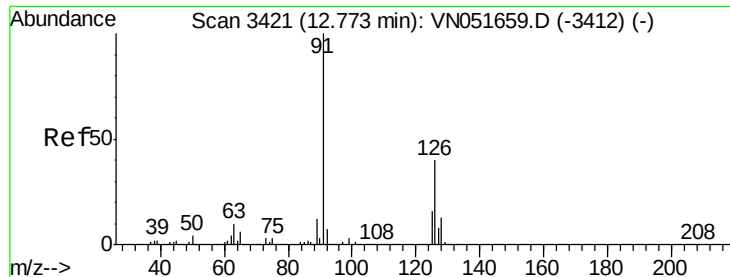
Tot Ion	Ratio	Lower	Upper
105	100		
120	50.4	24.6	74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.827 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN051710.D
 Acq: 6 Oct 2018 1:17

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	68.6	102.8#
89	0.1	39.4	59.2#





#82

4-Chlorotoluene

Concen: 1.216 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN051710.D

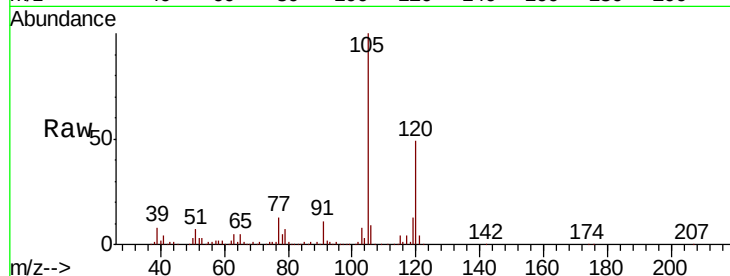
Acq: 6 Oct 2018 1:17

Tot Ion: 91 Resp: 24713

Ion Ratio Lower Upper

91 100

126 0.0 18.0 54.0#



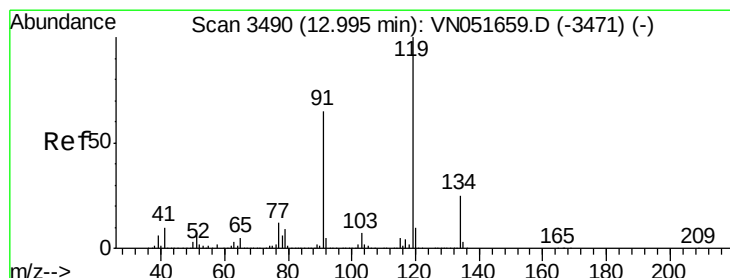
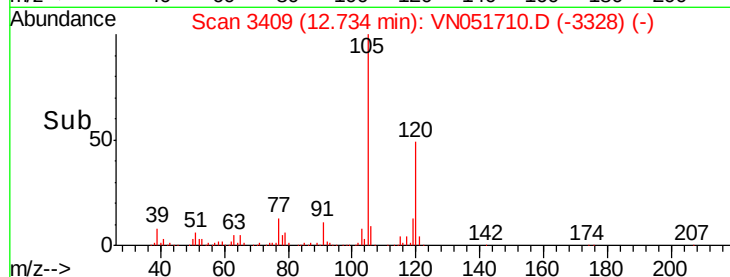
Abundance Ion 91.00 (90.70 to 91.70): VN051710.D (-3328) (-)

Ion 125.90 (125.60 to 126.60): VN051710.D (-3328) (-)

12.73

12.75

Time-->



#83

tert-Butylbenzene

Concen: 4.118 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.04 min

Lab File: VN051710.D

Acq: 6 Oct 2018 1:17

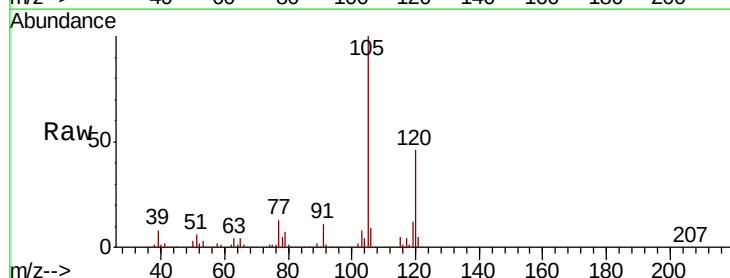
Tgt Ion: 119 Resp: 97883

Ion Ratio Lower Upper

119 100

91 89.7 32.1 96.5

134 0.0 13.3 39.9#



Abundance Ion 119.00 (118.70 to 119.70): VN051710.D (-3397) (-)

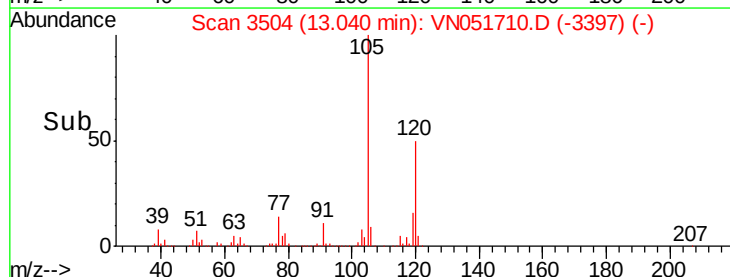
Ion 91.00 (90.70 to 91.70): VN051710.D (-3397) (-)

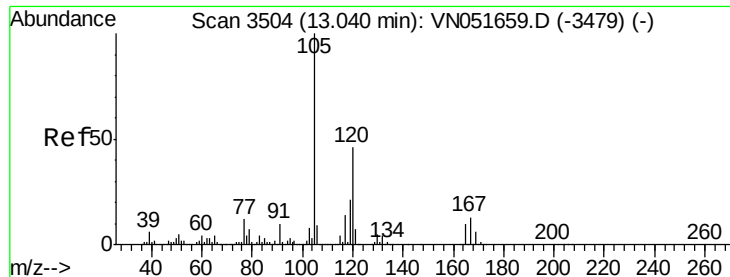
Ion 134.00 (133.70 to 134.70): VN051710.D (-3397) (-)

13.04

13.10

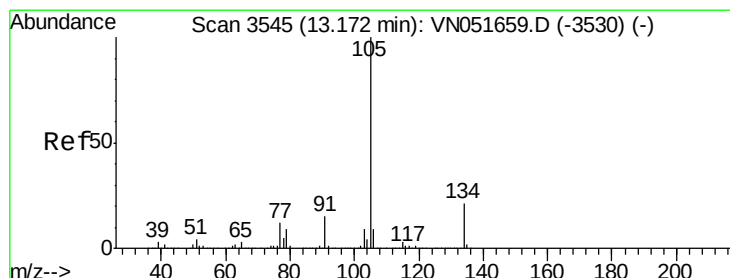
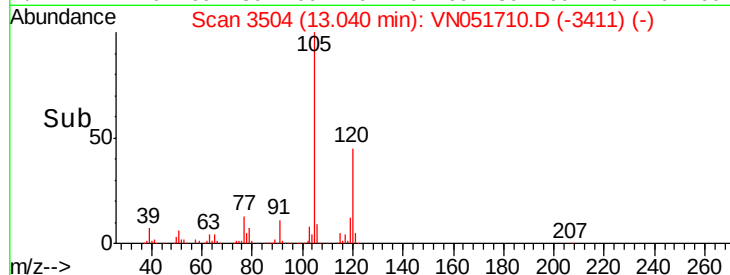
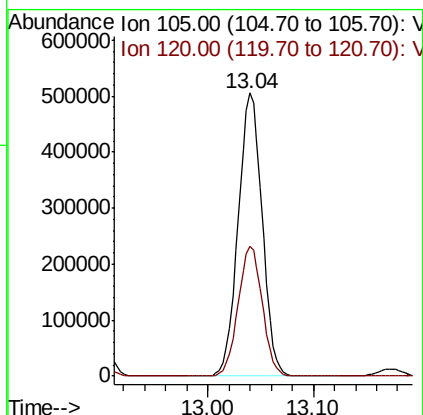
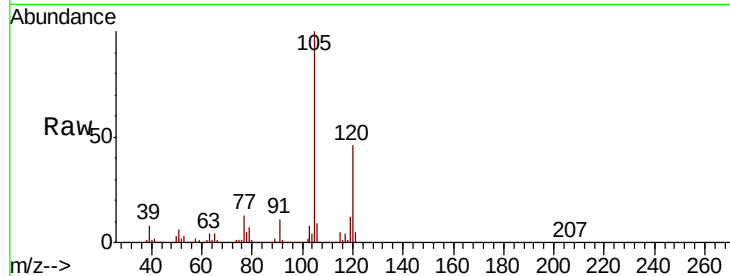
Time-->





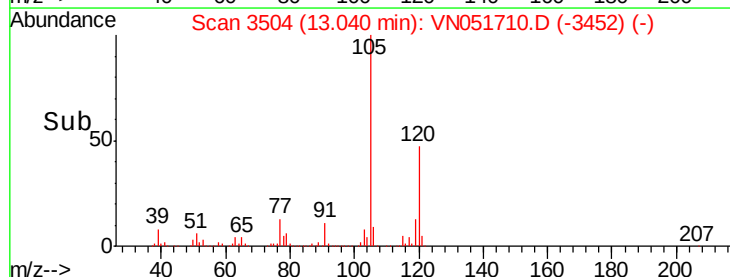
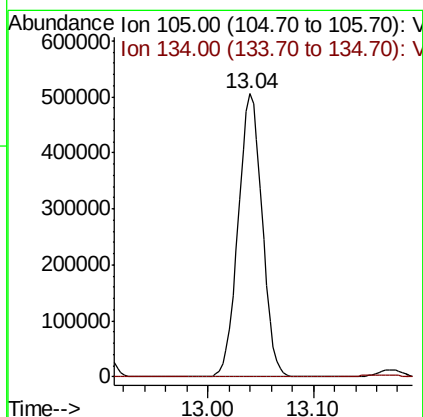
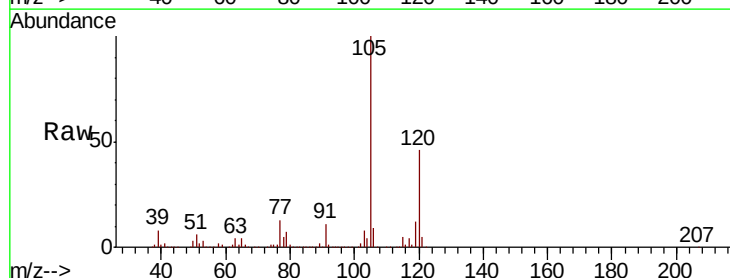
#84
 1,2,4-Trimethylbenzene
 Concen: 29.834 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051710.D
 Acq: 6 Oct 2018 1:17

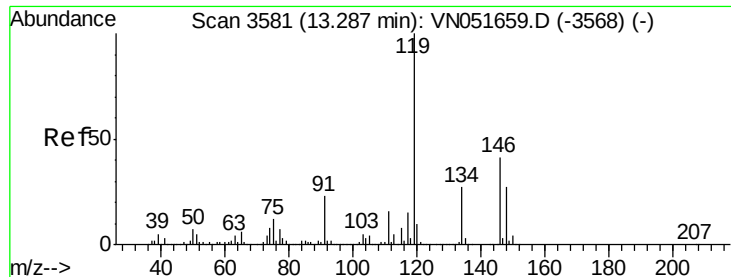
Tot Ion:105 Resp: 792760
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.7



#85
 sec-Butylbenzene
 Concen: 25.212 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN051710.D
 Acq: 6 Oct 2018 1:17

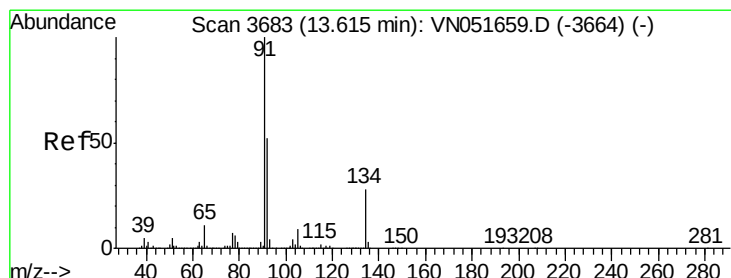
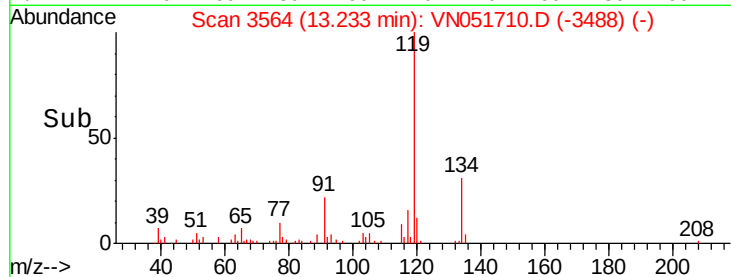
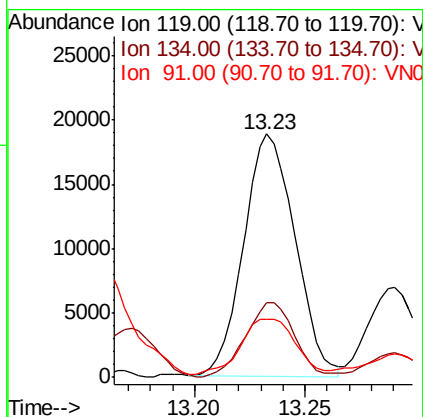
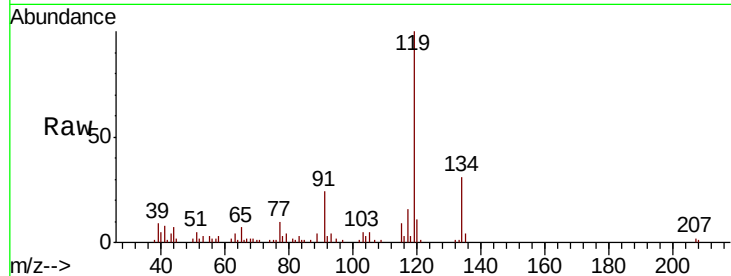
Tgt Ion:105 Resp: 792760
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.5 31.6#





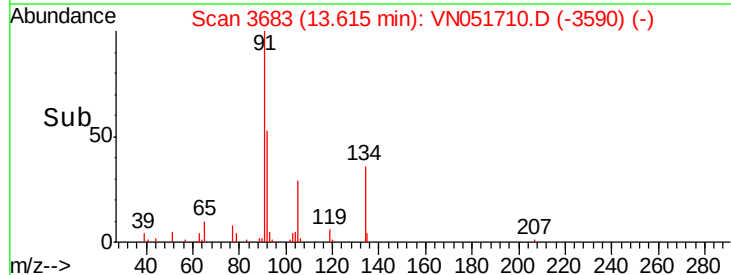
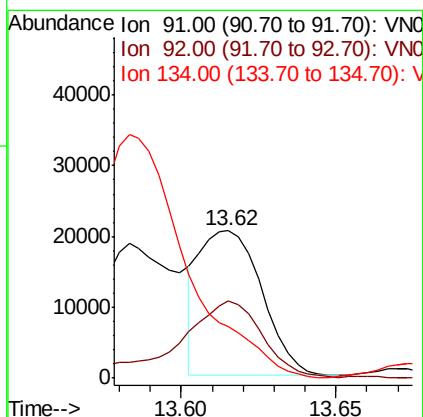
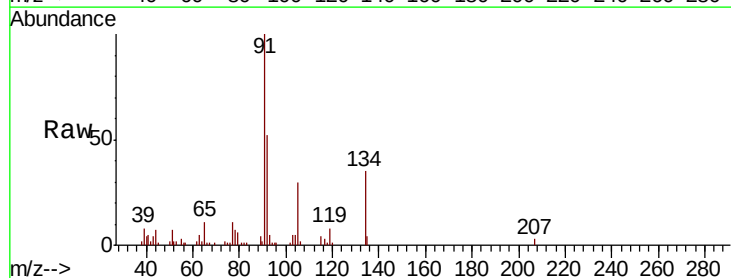
#86
 p-Isopropyltoluene
 Concen: 1.091 ug/l
 RT: 13.23 min Scan# 3564
 Delta R.T. -0.05 min
 Lab File: VN051710.D
 Acq: 6 Oct 2018 1:17

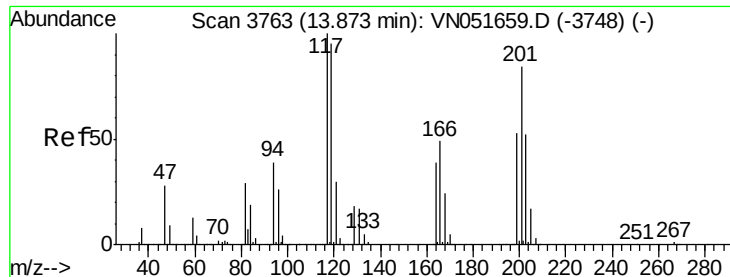
Tot Ion	Ratio	Lower	Upper
119	100		
134	29.8	13.4	40.2
91	24.4	11.7	35.1



#89
 n-Butylbenzene
 Concen: 1.293 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. -0.00 min
 Lab File: VN051710.D
 Acq: 6 Oct 2018 1:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	73.0	26.0	78.0
134	0.0	14.2	42.6





#90

Hexachloroethane

Concen: 2.173 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051710.D

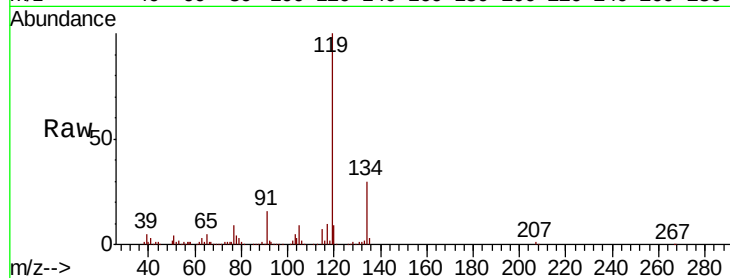
Acq: 6 Oct 2018 1:17

Tot Ion: 117 Resp: 12083

Ion Ratio Lower Upper

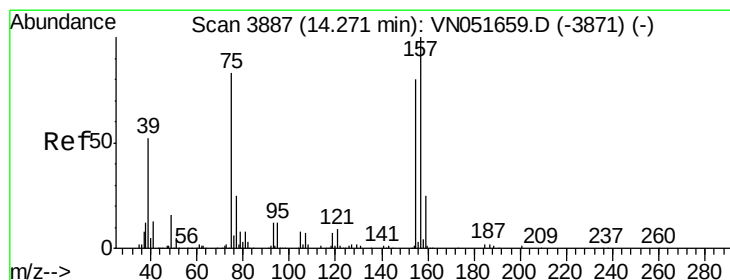
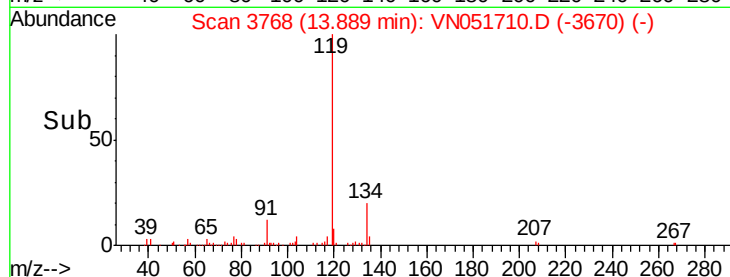
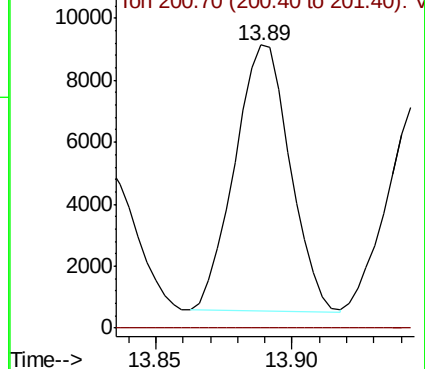
117 100

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.693 ug/l

RT: 14.25 min Scan# 3881

Delta R.T. -0.02 min

Lab File: VN051710.D

Acq: 6 Oct 2018 1:17

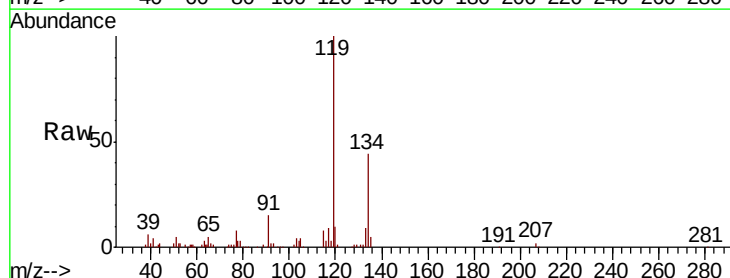
Tgt Ion: 75 Resp: 766

Ion Ratio Lower Upper

75 100

155 0.0 47.6 142.9#

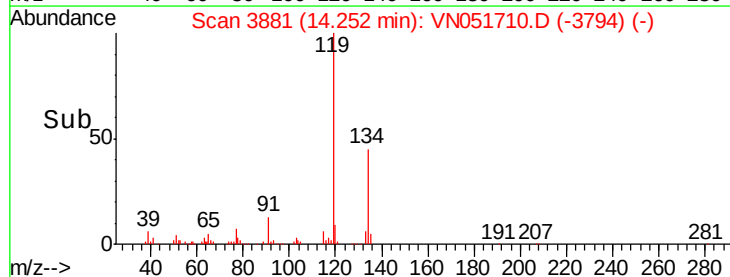
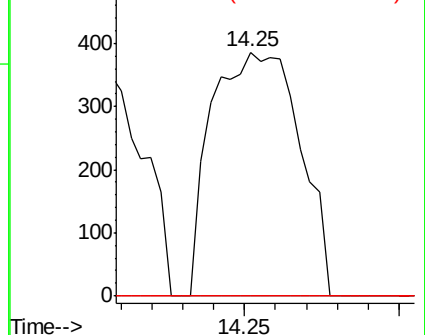
157 0.0 61.7 185.1#

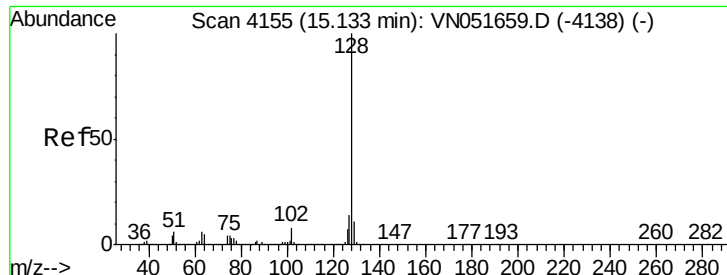


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

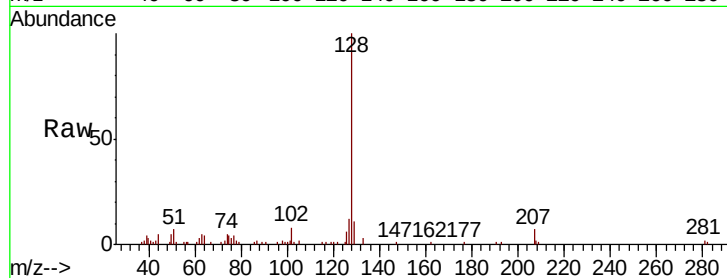
Ion 156.80 (156.50 to 157.50): V





#95
 Naphthalene
 Concen: 3.488 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN051710.D
 Acq: 6 Oct 2018 1:17

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	11.7	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

