

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\
 Data File : VN051703.D
 Acq On : 5 Oct 2018 22:25
 Operator : MD\SY
 Sample : J5084-18
 Misc : 5.30µ/5.00mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 33 Sample Multiplier: 28

Quant Time: Oct 06 01:22:17 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	608226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	896478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	836034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	446183	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	368470	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
35) Dibromofluoromethane	7.59	113	332895	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
50) Toluene-d8	10.09	98	1307501	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
62) 4-Bromofluorobenzene	12.40	95	438480	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	

Target Compounds

				Qvalue	
7) Trichlorofluoromethane	2.99	101	167	Below Cal	# 60
10) Methyl Iodide	3.94	142	31	2.342	ug/l # 41
11) Tert butyl alcohol	4.73	59	3335	6.107	ug/l # 73
13) Acrolein	3.61	56	352	1.032	ug/l # 89
14) Allyl chloride	4.57	41	82633	9.565	ug/l # 57
15) Acrylonitrile	5.04	53	5607	2.976	ug/l # 44
16) Acetone	3.81	43	1044	Below Cal	# 44
17) Carbon Disulfide	4.04	76	4227	0.246	ug/l # 88
18) Methyl Acetate	4.52	43	37609	8.480	ug/l # 48
20) Methylene Chloride	4.54	84	1513	0.229	ug/l # 91
25) 2-Butanone	6.84	43	1010	0.435	ug/l # 44
31) Cyclohexane	7.64	56	58700	5.382	ug/l # 58
36) 1,1-Dichloropropene	7.66	75	41408	4.419	ug/l # 49
38) Carbon Tetrachloride	7.66	117	55904	4.972	ug/l # 15
39) Methylcyclohexane	9.08	83	99720	8.478	ug/l # 78
41) Methacrylonitrile	7.22	41	1890	0.454	ug/l # 19
43) Isopropyl Acetate	8.15	43	17075	1.676	ug/l # 59
47) Bromodichloromethane	9.38	83	7278	0.693	ug/l # 34
48) Methyl methacrylate	9.22	41	23806	5.113	ug/l # 23
51) 4-Methyl-2-Pentanone	10.02	43	64477	12.488	ug/l # 76
55) 1,1,2-Trichloroethane	10.53	97	79327	12.053	ug/l # 24
56) Ethyl methacrylate	10.43	69	6369	0.765	ug/l # 1
59) 2-Hexanone	10.72	43	86047	24.539	ug/l # 29
67) Ethyl Benzene	11.51	91	30151	0.842	ug/l # 94
68) m/p-Xylenes	11.63	106	4843	0.338	ug/l # 84
71) Bromoform	12.40	173	3727	0.604	ug/l # 1
73) Isopropylbenzene	12.25	105	49865	1.311	ug/l # 99
74) N-amyl acetate	12.04	43	91759	8.980	ug/l # 52
75) 1,1,2,2-Tetrachloroethane	12.49	83	1871	Below Cal	# 1
76) 1,2,3-Trichloropropane	12.40	75	233487	41.411	ug/l # 100
77) Bromobenzene	12.53	156	3394	0.365	ug/l # 1
78) n-propylbenzene	12.59	91	289620	6.981	ug/l # 97
79) 2-Chlorotoluene	12.59	91	289620	11.846	ug/l # 38
81) trans-1,4-Dichloro-2-buten	12.40	75	233487	96.193	ug/l # 14

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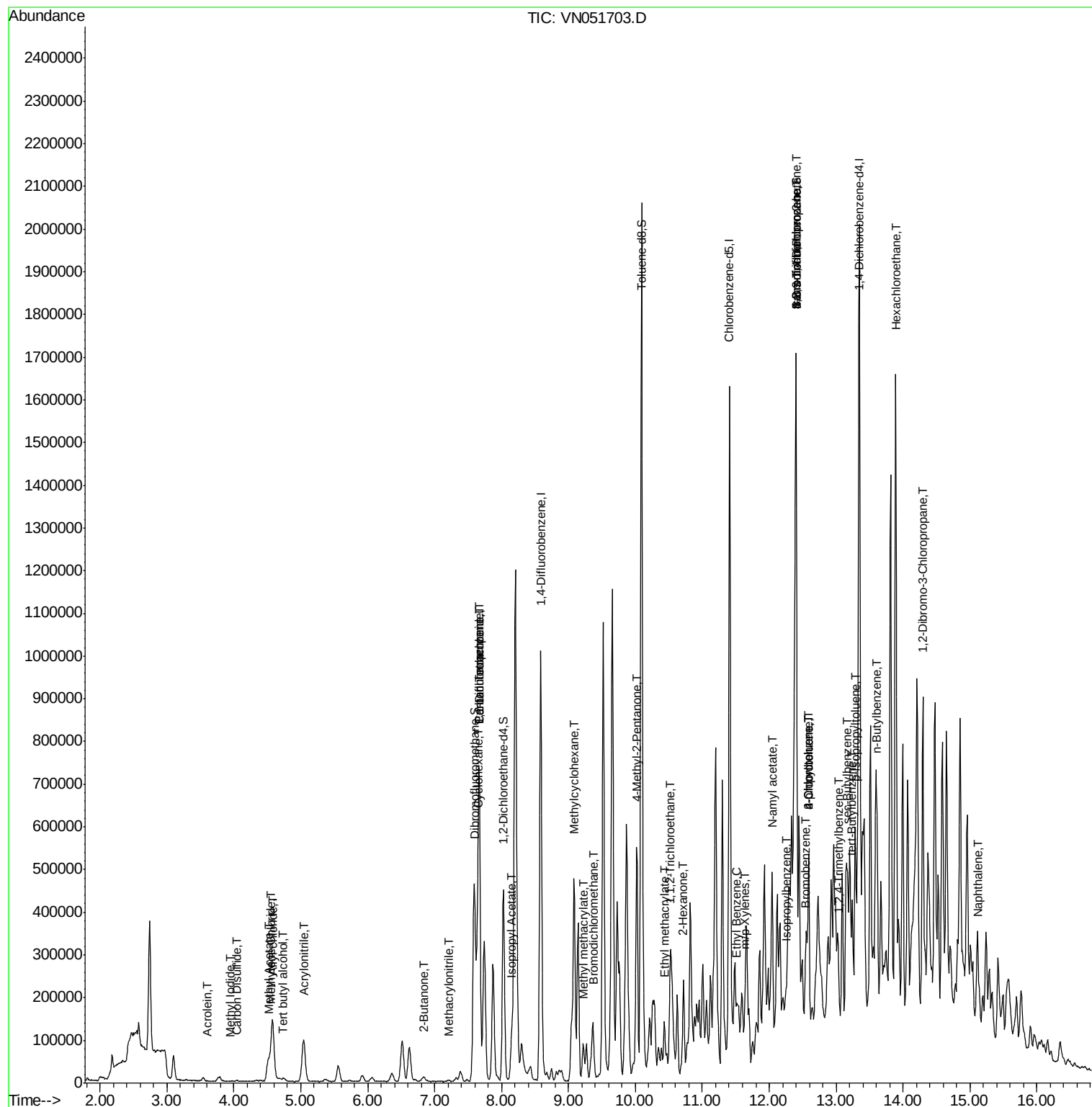
Quant Time: Oct 06 01:22:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
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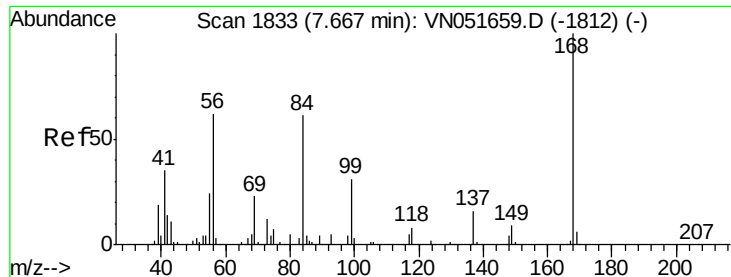
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.59	91	289620	11.792	ug/l #	39
83) tert-Butylbenzene	13.24	119	20817	0.725	ug/l	74
84) 1,2,4-Trimethylbenzene	13.04	105	6928	0.216	ug/l	91
85) sec-Butylbenzene	13.17	105	148217	3.901	ug/l #	50
86) p-Isopropyltoluene	13.29	119	27345	0.812	ug/l #	84
89) n-Butylbenzene	13.61	91	254010	9.539	ug/l #	74
90) Hexachloroethane	13.89	117	73807	10.984	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.29	75	2704	2.024	ug/l #	1
95) Naphthalene	15.13	128	9370	0.605	ug/l #	25

(#) = 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: VN051703.D

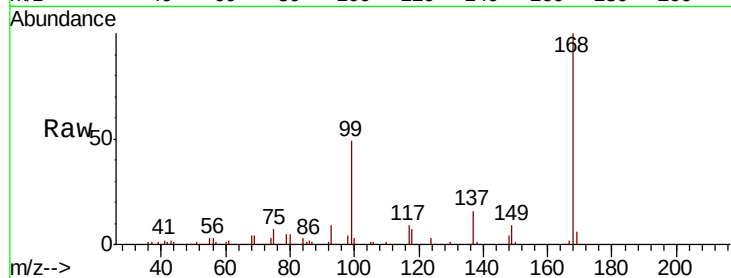
Acq: 5 Oct 2018 22:25

Tot Ion:168 Resp: 608226

Ion Ratio Lower Upper

168 100

99 48.8 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

100000

50000

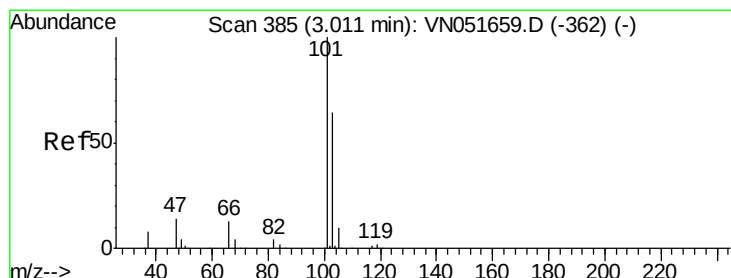
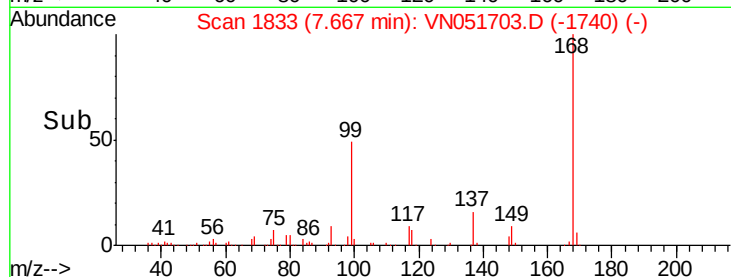
0

Time-->

7.60

7.70

7.80



#7

Trichlorofluoromethane

Concen: Below Cal

RT: 2.99 min Scan# 377

Delta R.T. -0.03 min

Lab File: VN051703.D

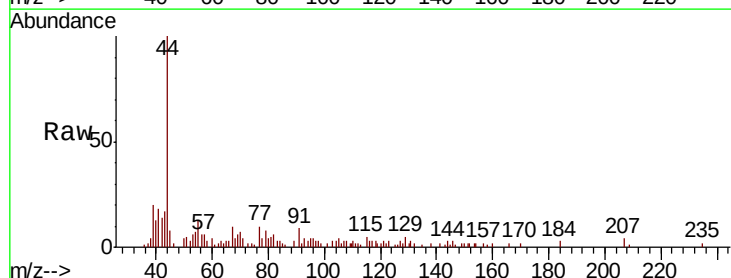
Acq: 5 Oct 2018 22:25

Tgt Ion:101 Resp: 167

Ion Ratio Lower Upper

101 100

103 32.5 51.1 76.7#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

2.99

500

400

300

200

100

0

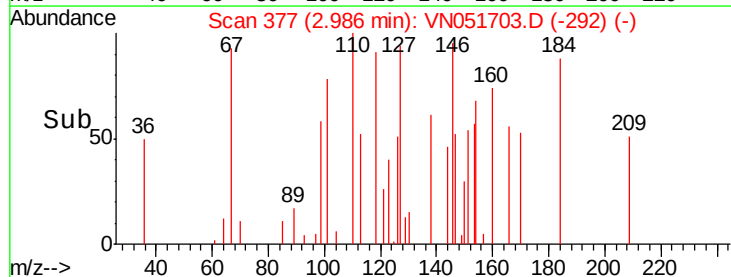
Time-->

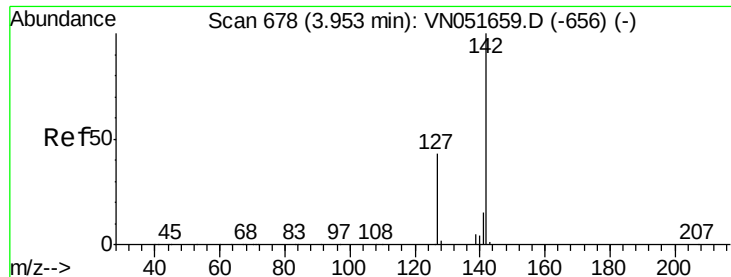
2.97

2.98

2.99

3.00





#10

Methyl Iodide

Concen: 2.342 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.01 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

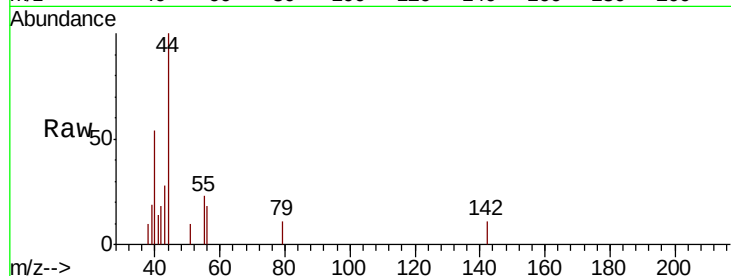
Tot Ion: 142 Resp: 31

Ion Ratio Lower Upper

142 100

127 0.0 34.7 52.1#

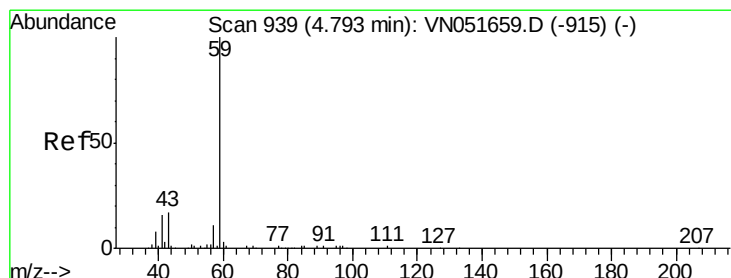
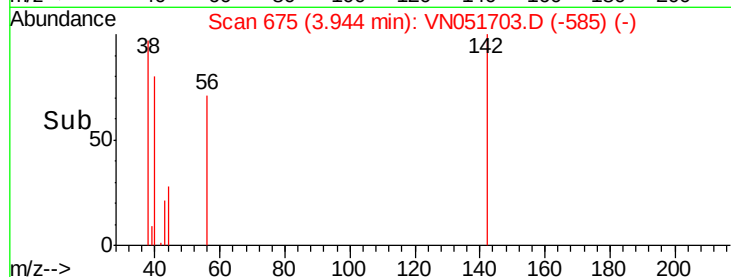
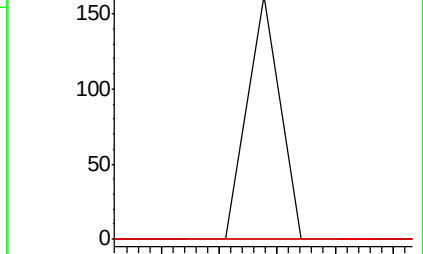
141 0.0 11.4 17.2#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 6.107 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.06 min

Lab File: VN051703.D

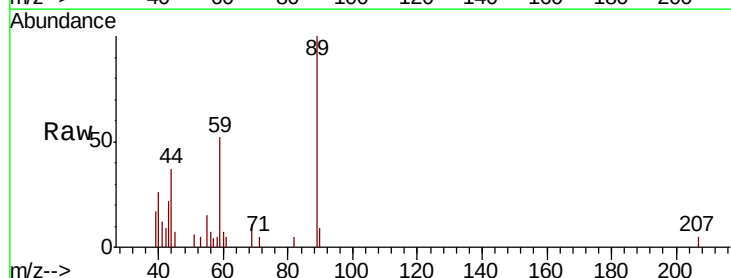
Acq: 5 Oct 2018 22:25

Tgt Ion: 59 Resp: 3335

Ion Ratio Lower Upper

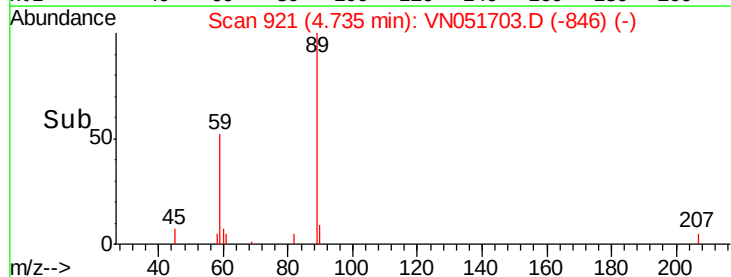
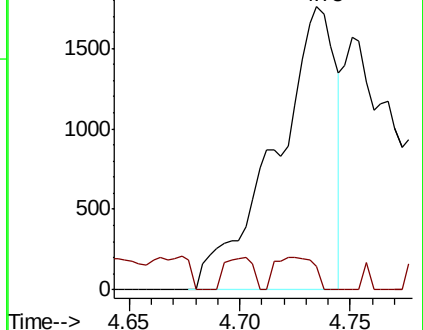
59 100

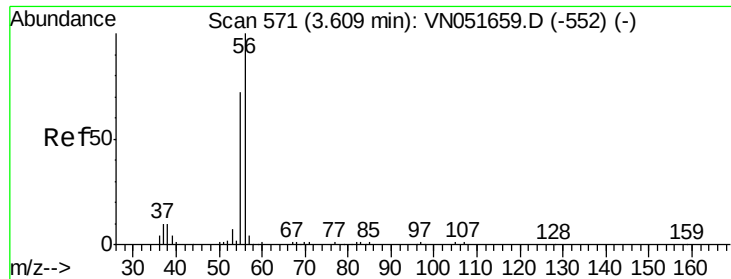
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 1.032 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051703.D

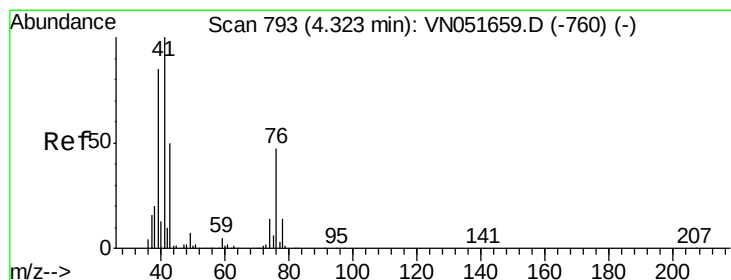
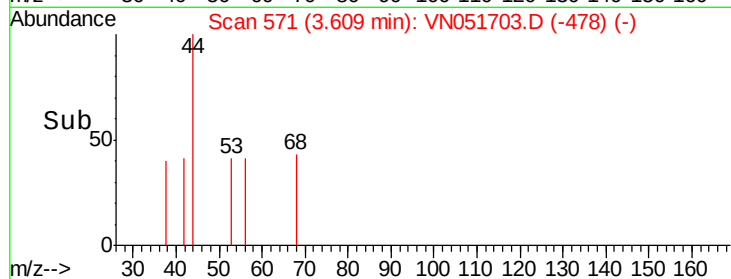
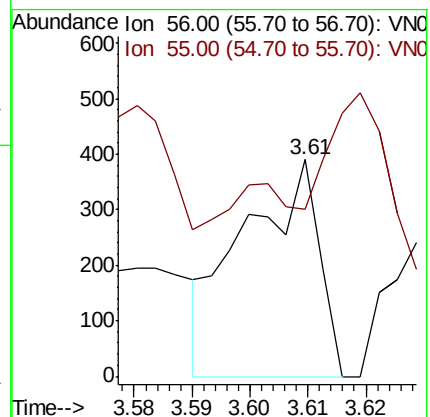
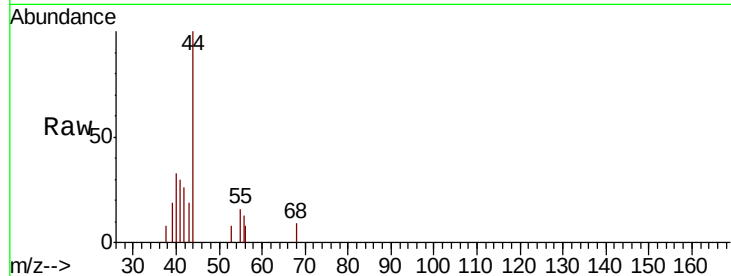
Acq: 5 Oct 2018 22:25

Tot Ion: 56 Resp: 352

Ion Ratio Lower Upper

56 100

55 63.1 57.5 86.3



#14

Allyl chloride

Concen: 9.565 ug/l

RT: 4.57 min Scan# 871

Delta R.T. 0.25 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

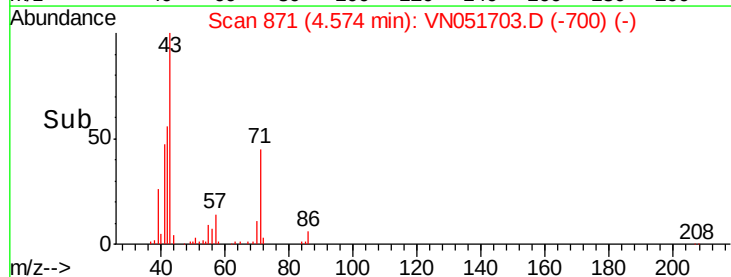
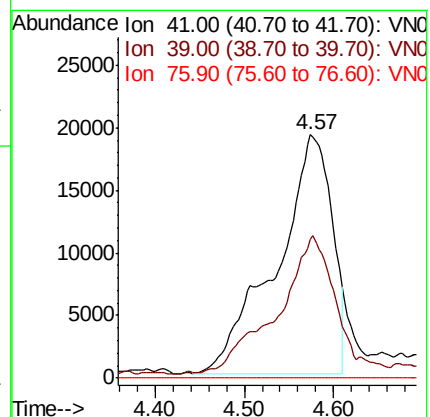
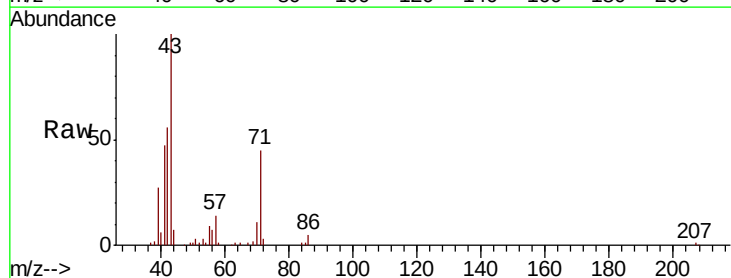
Tgt Ion: 41 Resp: 82633

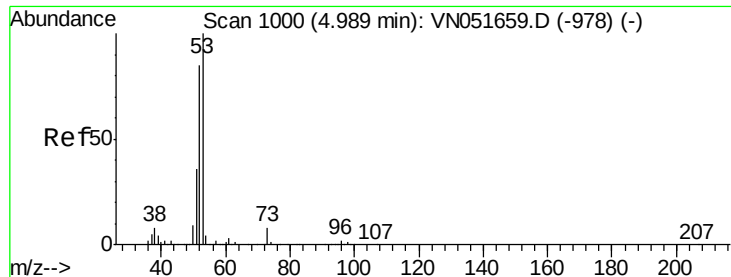
Ion Ratio Lower Upper

41 100

39 54.6 65.4 98.0#

76 0.0 34.3 51.5#





#15

Acrylonitrile

Concen: 2.976 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. 0.05 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

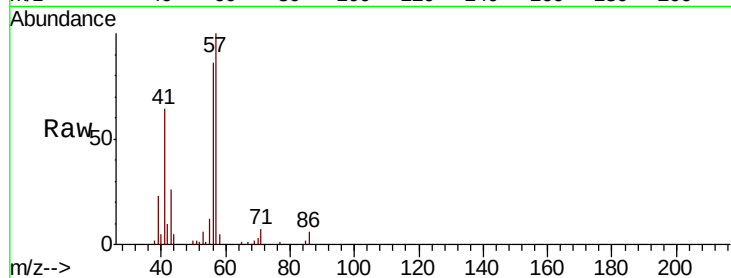
Tot Ion: 53 Resp: 5607

Ion Ratio Lower Upper

53 100

52 17.2 66.2 99.2#

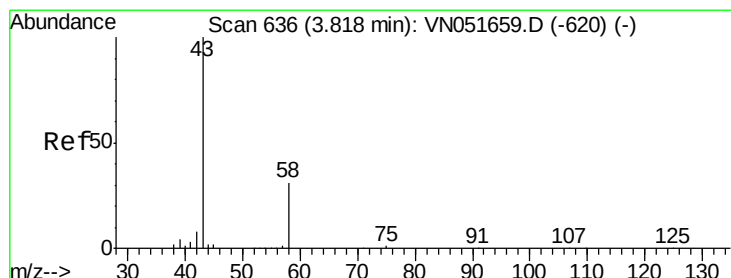
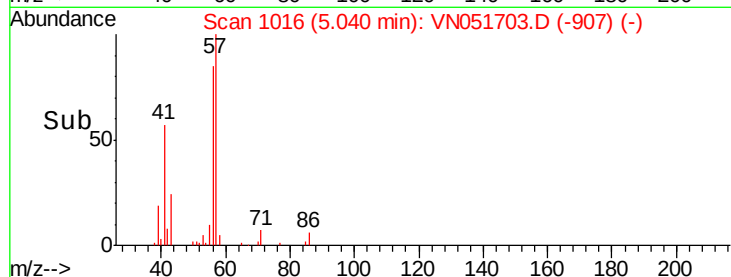
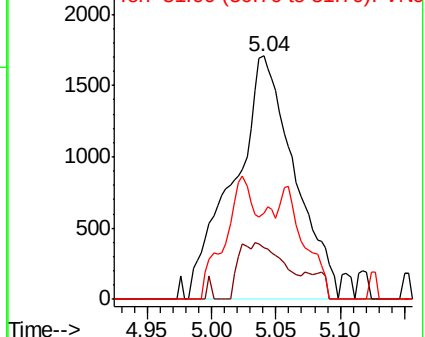
51 25.4 30.3 45.5#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: Below Cal

RT: 3.81 min Scan# 634

Delta R.T. -0.01 min

Lab File: VN051703.D

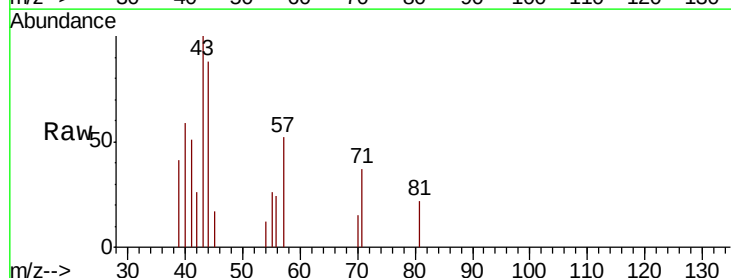
Acq: 5 Oct 2018 22:25

Tgt Ion: 43 Resp: 1044

Ion Ratio Lower Upper

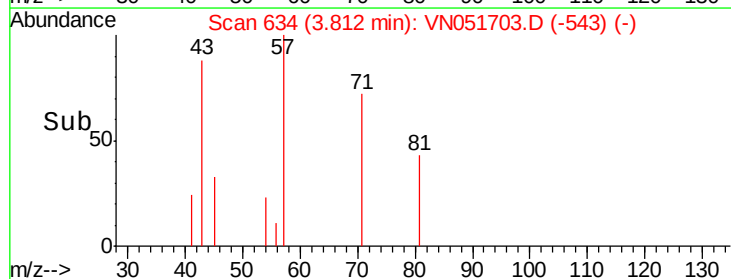
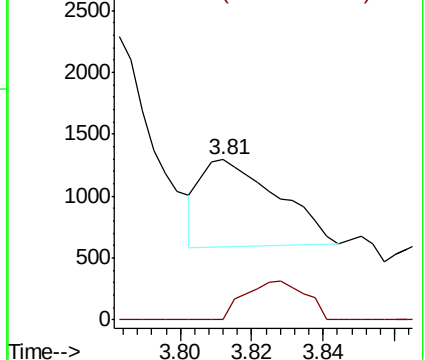
43 100

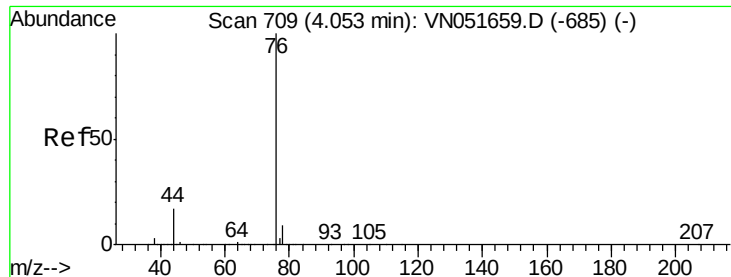
58 0.0 24.3 36.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.246 ug/l

RT: 4.04 min Scan# 705

Delta R.T. -0.01 min

Lab File: VN051703.D

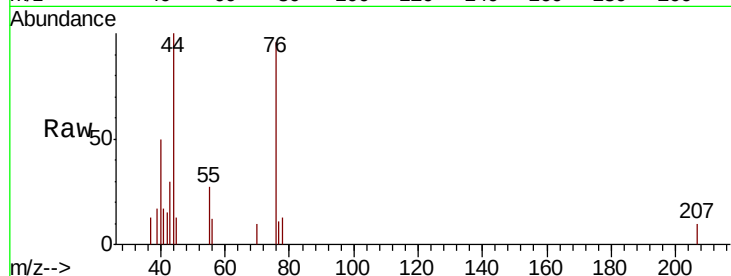
Acq: 5 Oct 2018 22:25

Tot Ion: 76 Resp: 4227

Ion Ratio Lower Upper

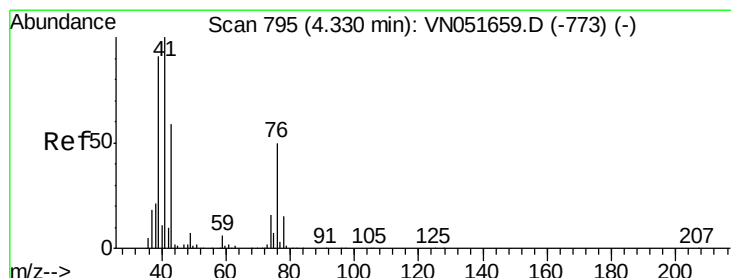
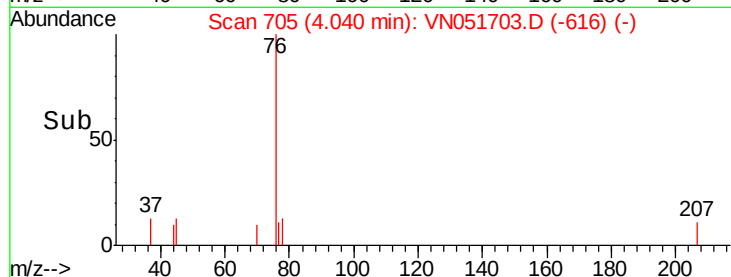
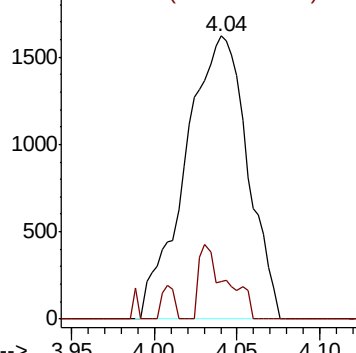
76 100

78 13.4 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN051659.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN051659.D (-685) (-)



#18

Methyl Acetate

Concen: 8.480 ug/l

RT: 4.52 min Scan# 853

Delta R.T. 0.19 min

Lab File: VN051703.D

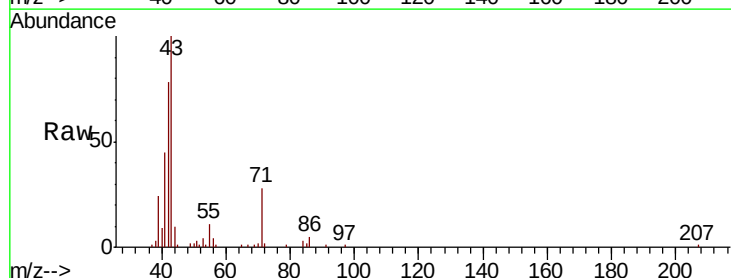
Acq: 5 Oct 2018 22:25

Tgt Ion: 43 Resp: 37609

Ion Ratio Lower Upper

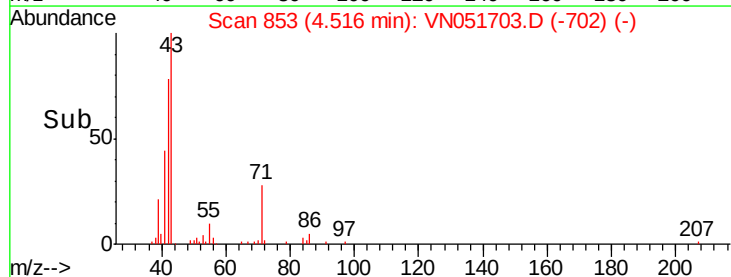
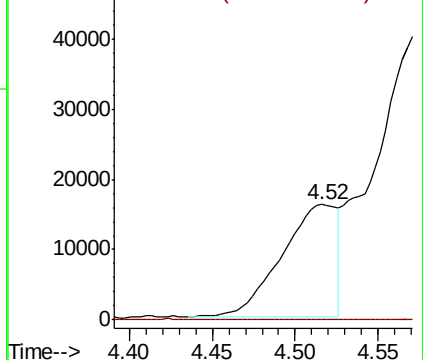
43 100

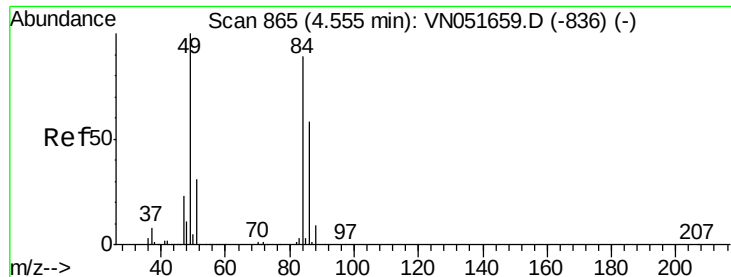
74 0.0 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-773) (-)

Ion 74.00 (73.70 to 74.70): VN051659.D (-773) (-)





#20

Methylene Chloride

Concen: 0.229 ug/l

RT: 4.54 min Scan# 860

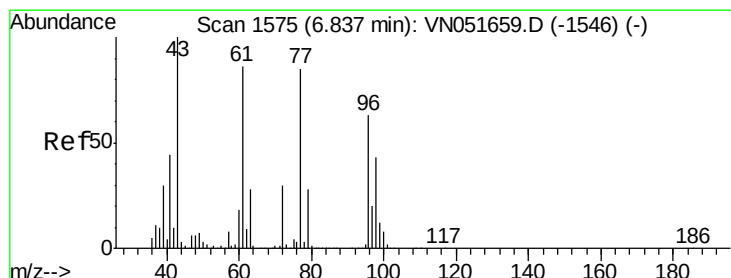
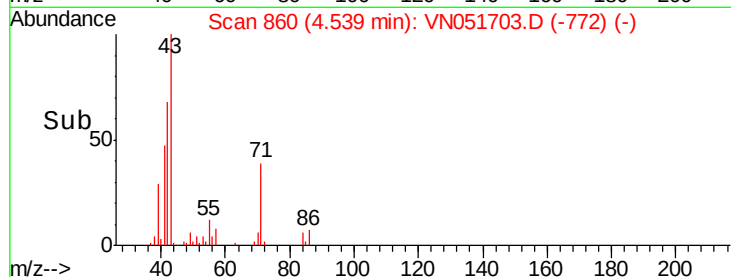
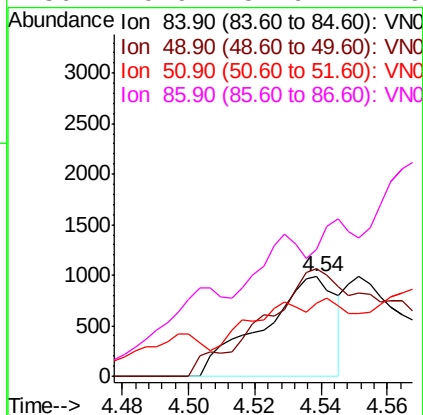
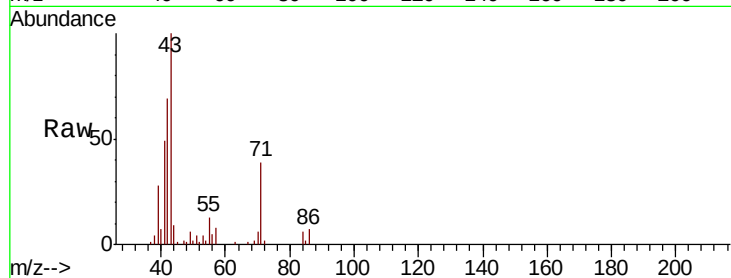
Delta R.T. -0.02 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

Tot Ion: 84 Resp: 1513

Ion	Ratio	Lower	Upper
84	100		
49	107.6	89.5	134.3
51	30.5	27.4	41.0
86	49.9	51.9	77.9#



#25

2-Butanone

Concen: 0.435 ug/l

RT: 6.84 min Scan# 1576

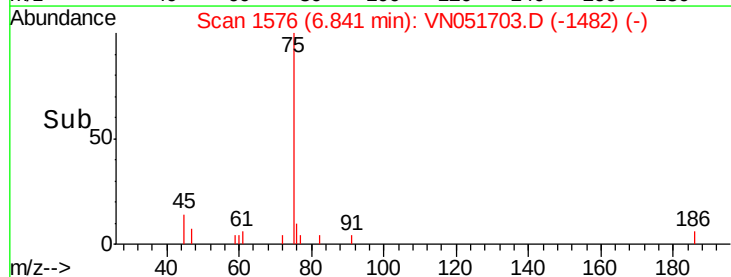
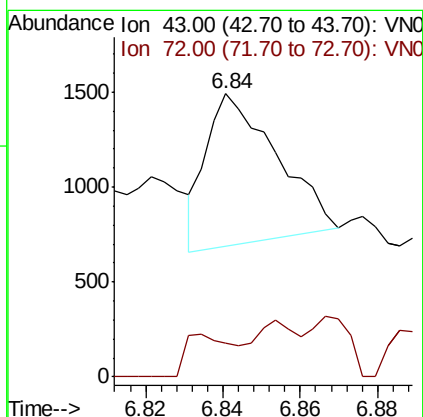
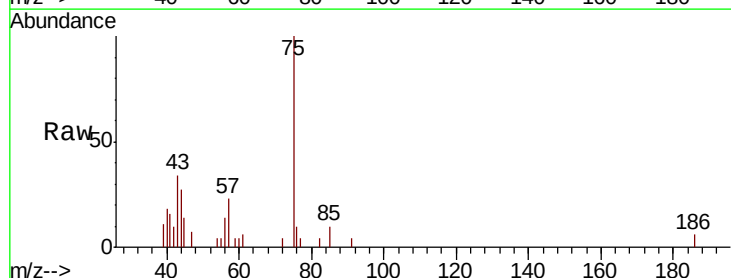
Delta R.T. 0.00 min

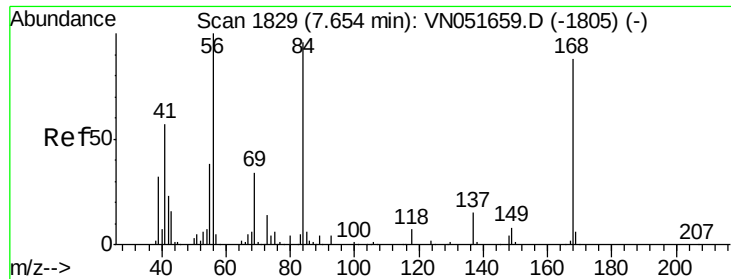
Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

Tgt Ion: 43 Resp: 1010

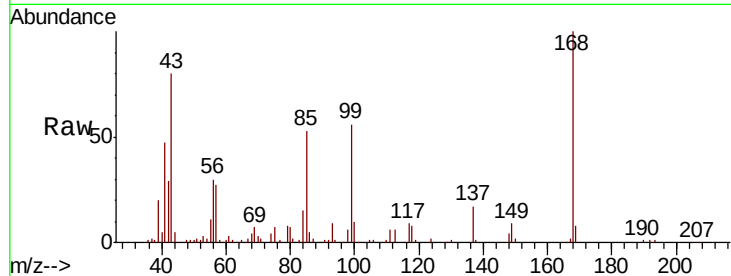
Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.2	36.2#



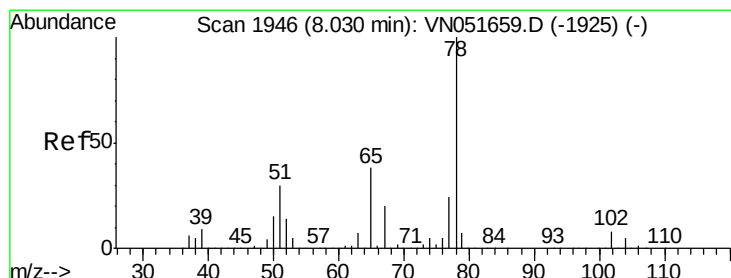
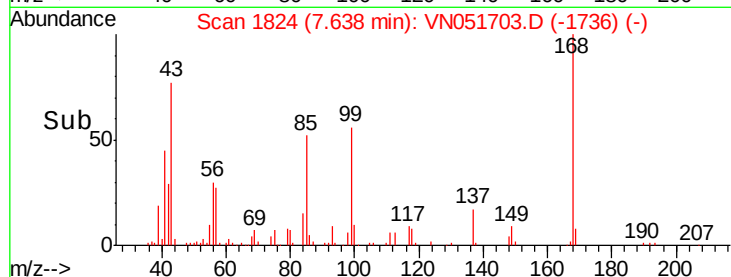
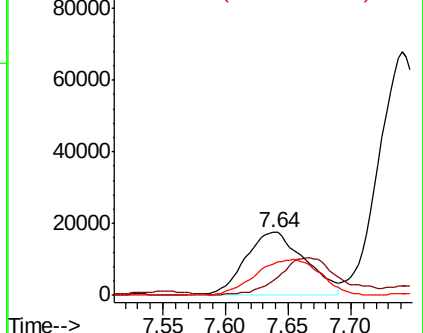


#31
Cyclohexane
Concen: 5.382 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.02 min
Lab File: VN051703.D
Acq: 5 Oct 2018 22:25

Tot Ion: 56 Resp: 58700
Ion Ratio Lower Upper
56 100
69 18.9 27.5 41.3#
84 49.9 76.7 115.1#

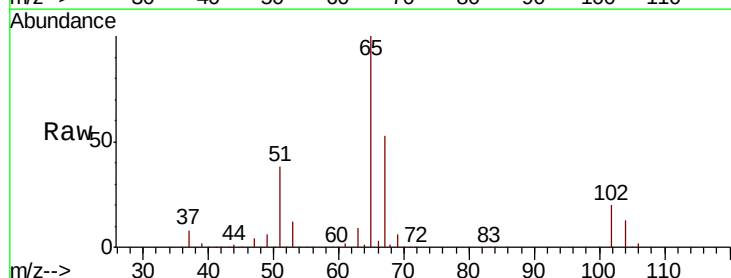


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

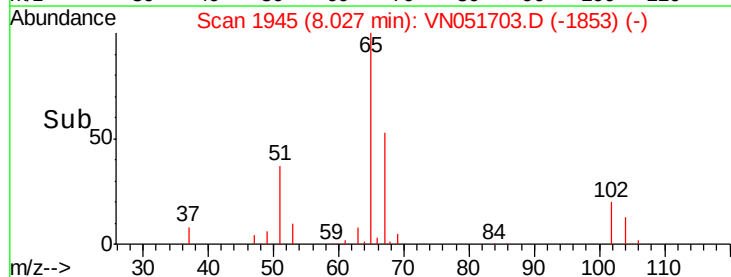
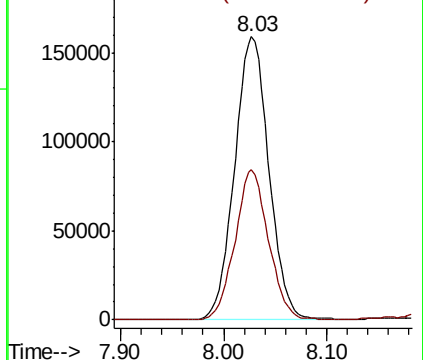


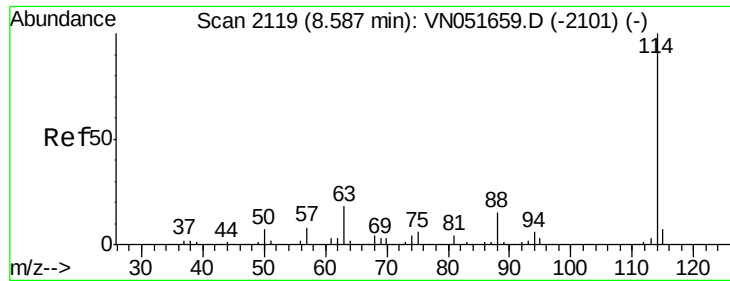
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051703.D
Acq: 5 Oct 2018 22:25

Tgt Ion: 65 Resp: 368470
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.6



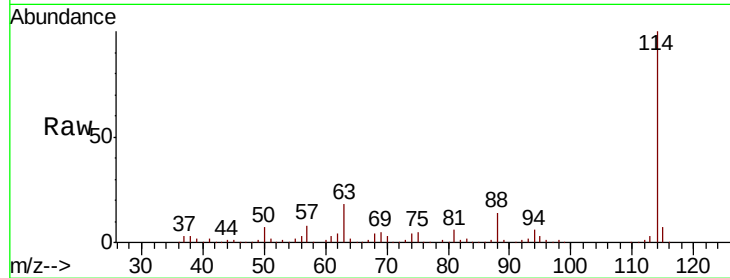
Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0



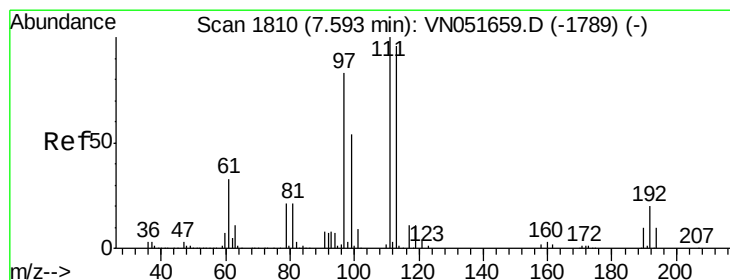
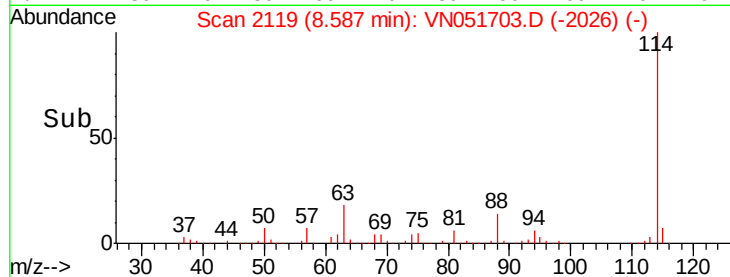
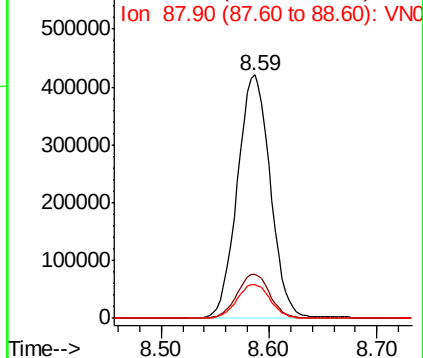


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051703.D
 Acq: 5 Oct 2018 22:25

Tot Ion:114 Resp: 896478
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.2
 88 14.0 0.0 30.2

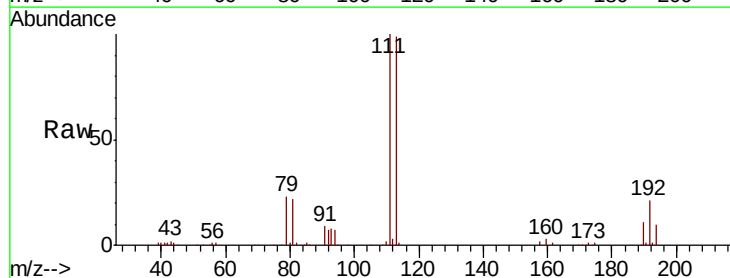


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

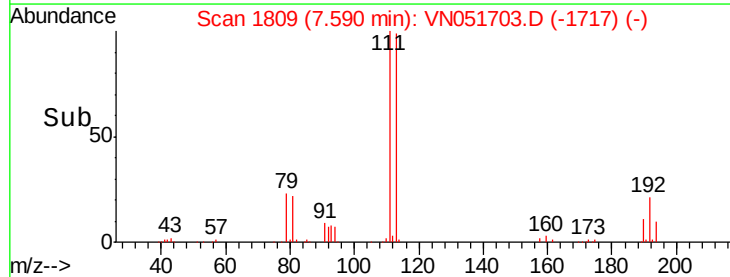
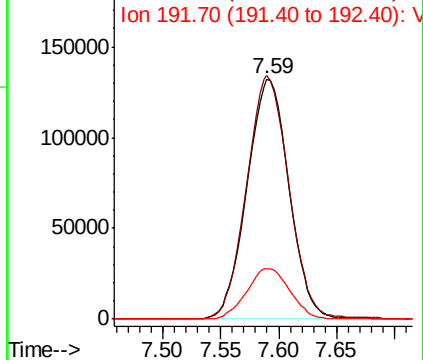


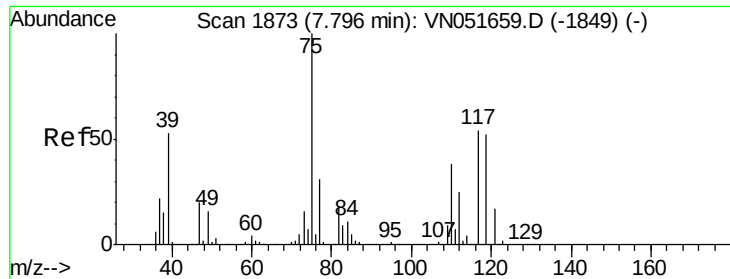
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051703.D
 Acq: 5 Oct 2018 22:25

Tgt Ion:113 Resp: 332895
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.8 122.8
 192 21.7 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: 4.419 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

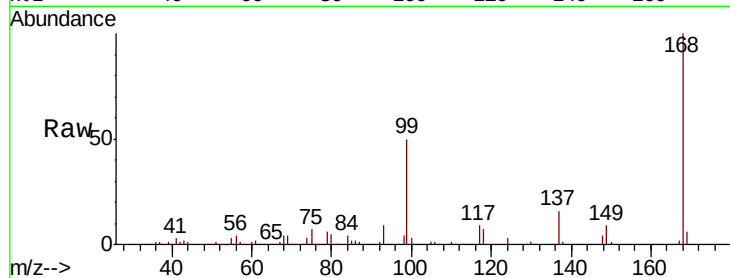
Tot Ion: 75 Resp: 41408

Ion Ratio Lower Upper

75 100

110 9.7 19.3 57.8#

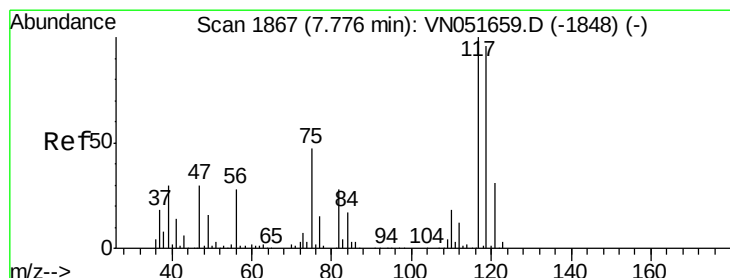
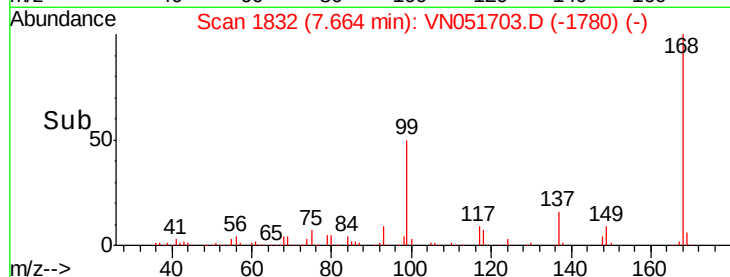
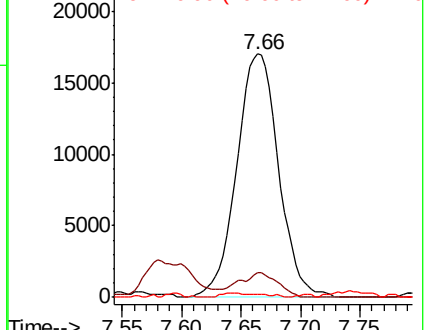
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VN051659.D (-1849) (-)

Ion 109.90 (109.60 to 110.60): VN051659.D (-1849) (-)

Ion 76.90 (76.60 to 77.60): VN051659.D (-1849) (-)



#38

Carbon Tetrachloride

Concen: 4.972 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

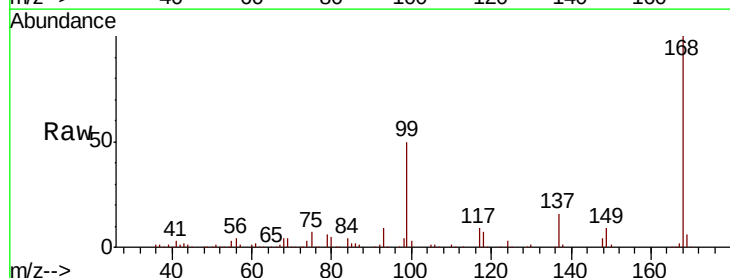
Tgt Ion: 117 Resp: 55904

Ion Ratio Lower Upper

117 100

119 3.9 77.0 115.6#

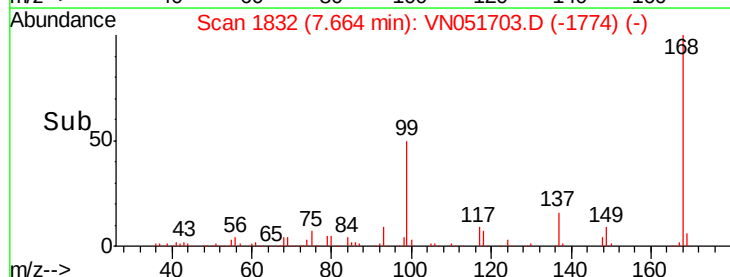
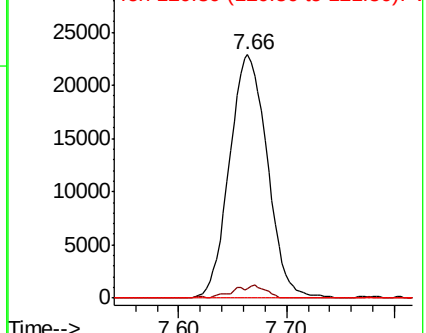
121 0.0 25.0 37.6#

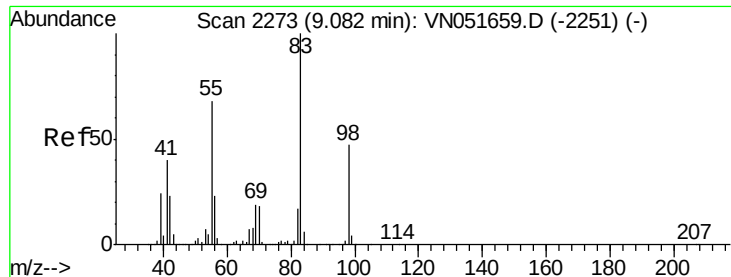


Abundance Ion 116.80 (116.50 to 117.50): VN051659.D (-1848) (-)

Ion 118.80 (118.50 to 119.50): VN051659.D (-1848) (-)

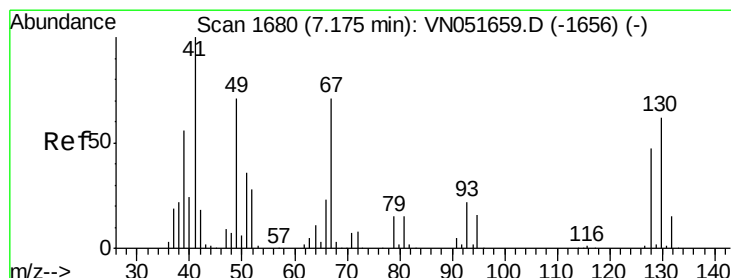
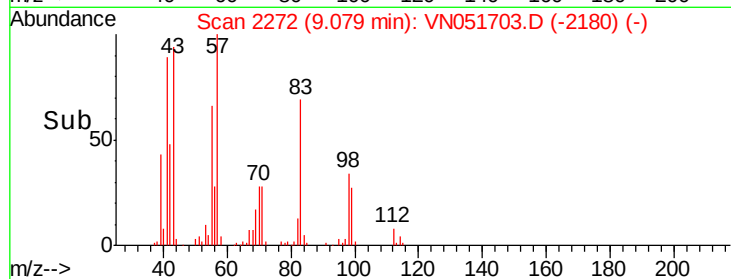
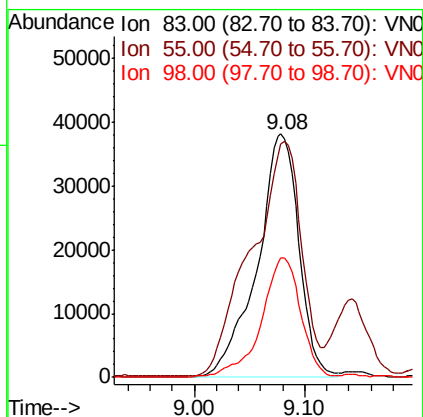
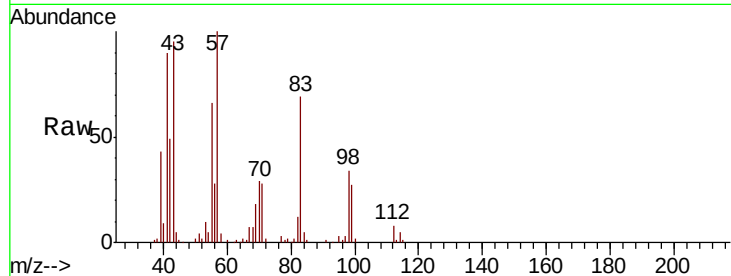
Ion 120.80 (120.50 to 121.50): VN051659.D (-1848) (-)





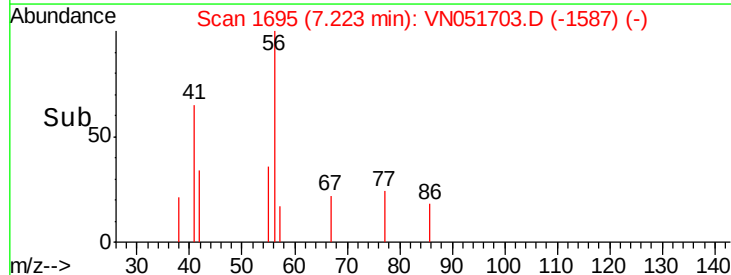
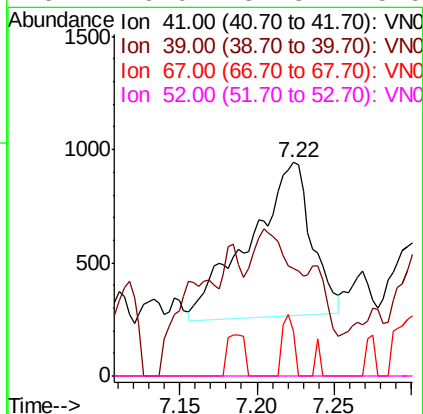
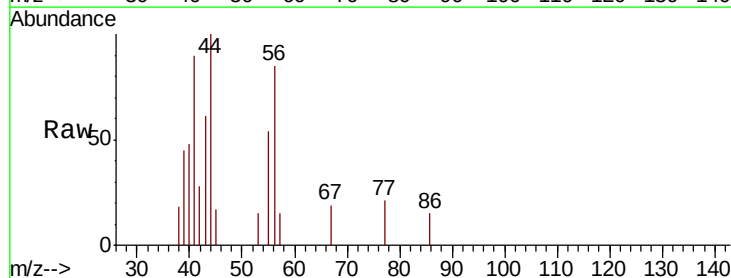
#39
Methylvlcyclohexane
Concen: 8.478 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN051703.D
Acq: 5 Oct 2018 22:25

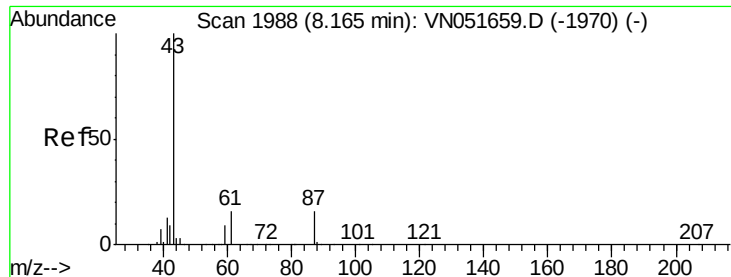
Tot Ion: 83 Resp: 99720
Ion Ratio Lower Upper
83 100
55 95.2 54.3 81.5#
98 49.3 37.4 56.2



#41
Methacrylonitrile
Concen: 0.454 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.05 min
Lab File: VN051703.D
Acq: 5 Oct 2018 22:25

Tgt Ion: 41 Resp: 1890
Ion Ratio Lower Upper
41 100
39 14.7 53.9 80.9#
67 0.0 78.1 117.1#
52 0.0 32.3 48.5#





#43

Isopropyl Acetate

Concen: 1.676 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

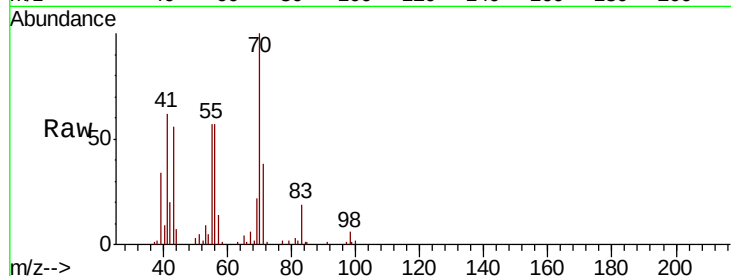
Tot Ion: 43 Resp: 17075

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.6#

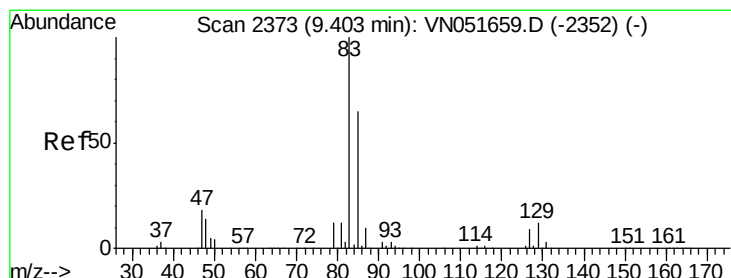
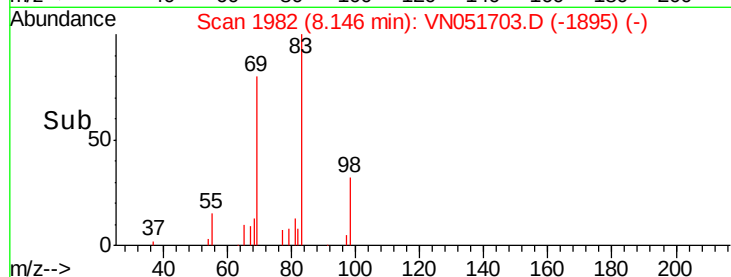
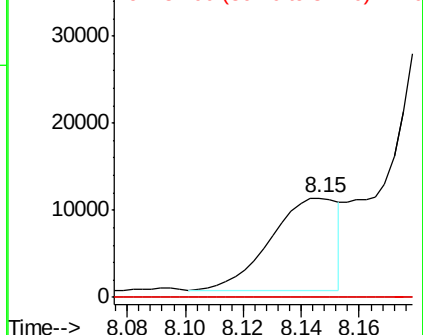
87 0.0 12.6 19.0#



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: 0.693 ug/l

RT: 9.38 min Scan# 2366

Delta R.T. -0.02 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

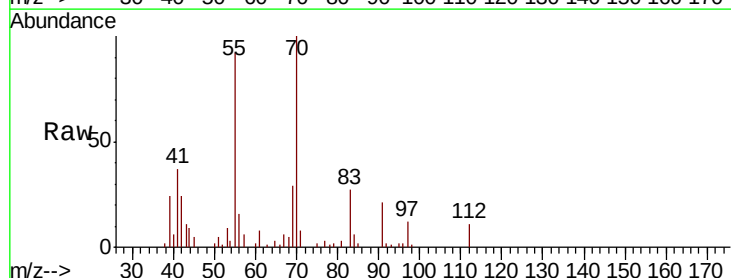
Tgt Ion: 83 Resp: 7278

Ion Ratio Lower Upper

83 100

85 8.3 51.6 77.4#

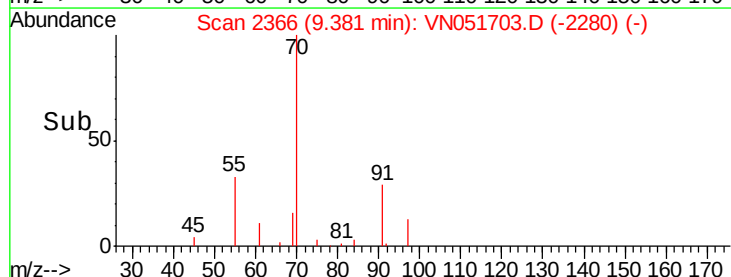
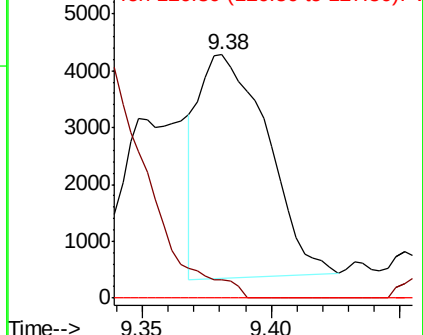
127 0.0 7.3 10.9#

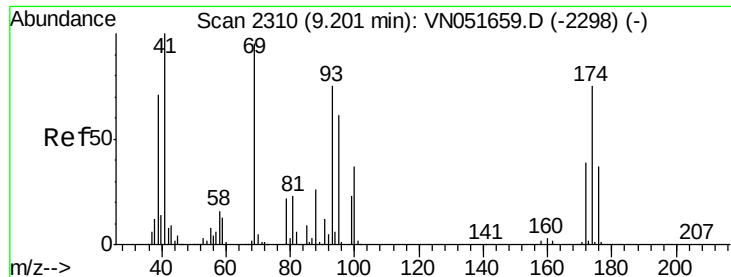


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

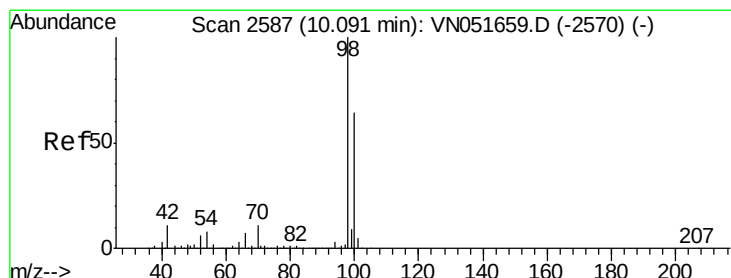
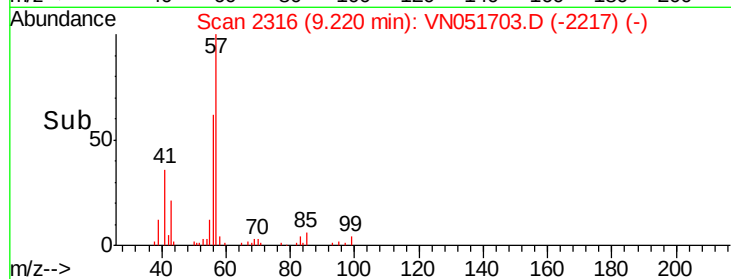
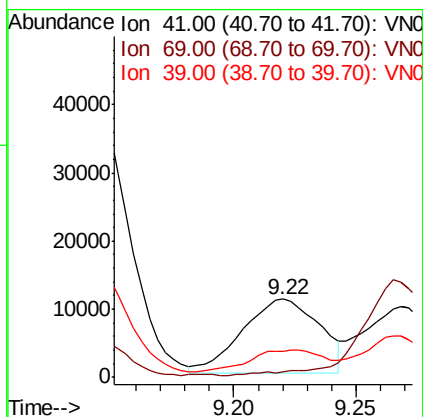
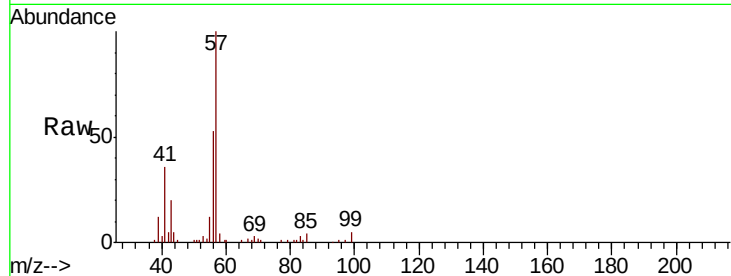
Ion 126.80 (126.50 to 127.50): V





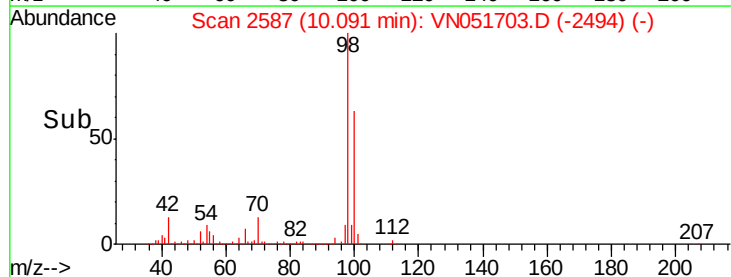
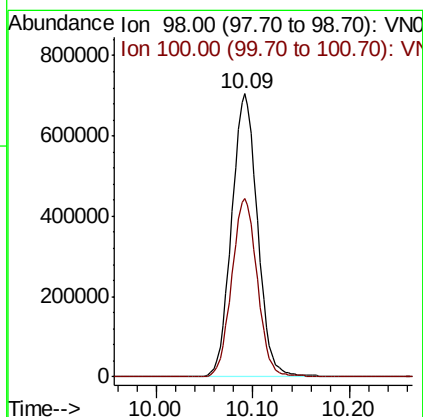
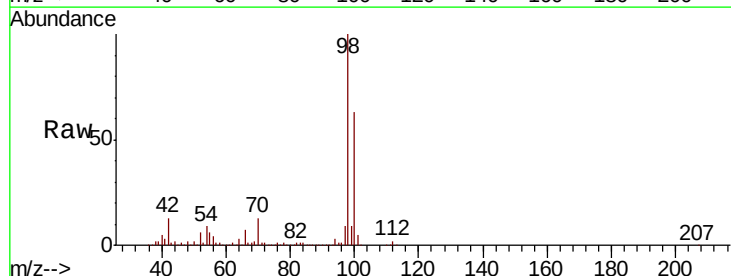
#48
Methvl methacrylate
Concen: 5.113 ug/l
RT: 9.22 min Scan# 2316
Delta R.T. 0.02 min
Lab File: VN051703.D
Acq: 5 Oct 2018 22:25

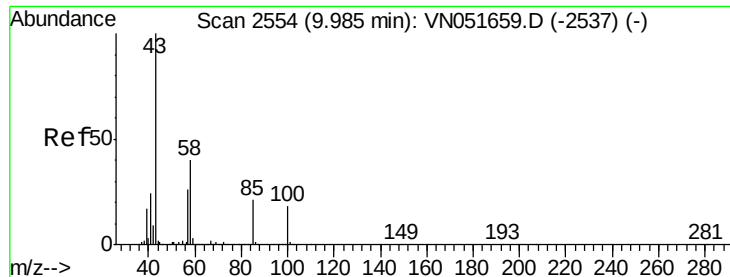
Tot Ion: 41 Resp: 23806
Ion Ratio Lower Upper
41 100
69 0.0 78.6 118.0#
39 33.6 59.2 88.8#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051703.D
Acq: 5 Oct 2018 22:25

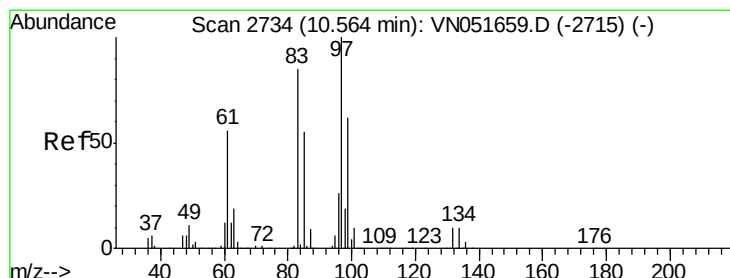
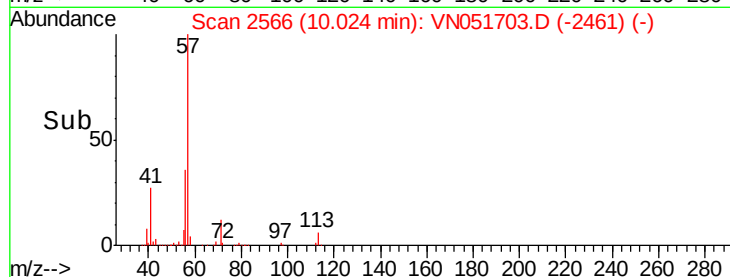
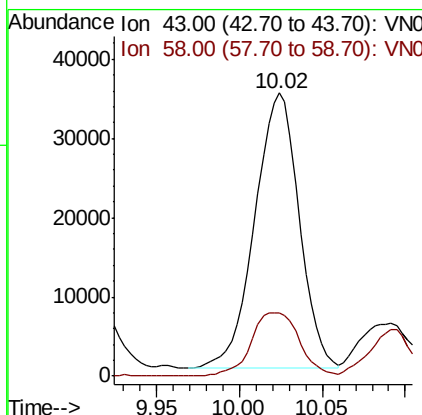
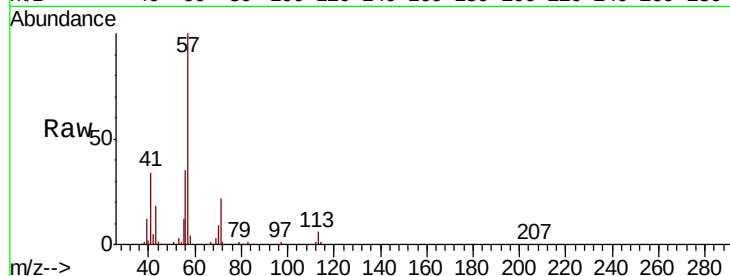
Tgt Ion: 98 Resp: 1307501
Ion Ratio Lower Upper
98 100
100 62.4 51.5 77.3





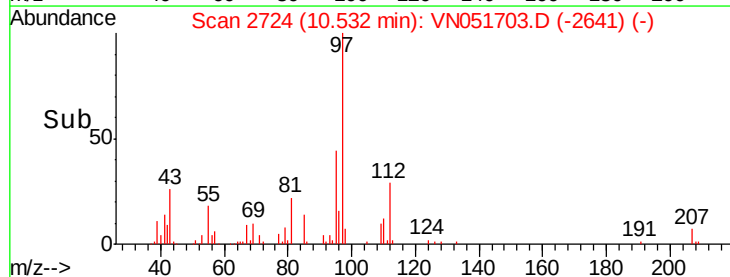
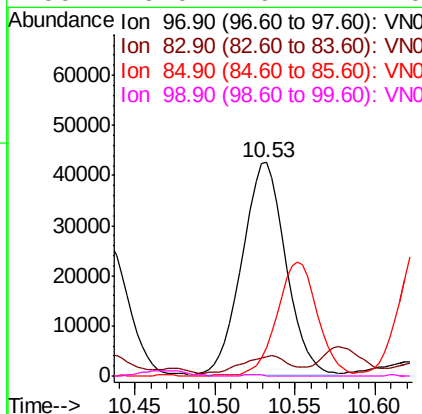
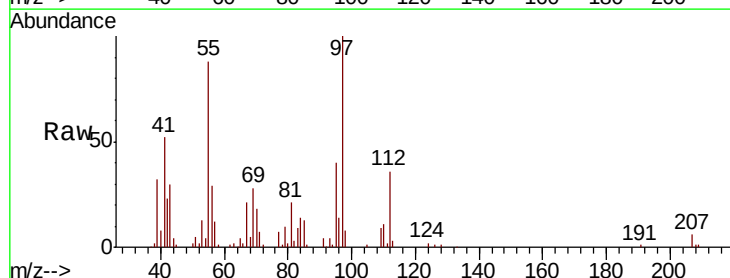
#51
 4-Methyl-2-Pentanone
 Concen: 12.488 ug/l
 RT: 10.02 min Scan# 2566
 Delta R.T. 0.04 min
 Lab File: VN051703.D
 Acq: 5 Oct 2018 22:25

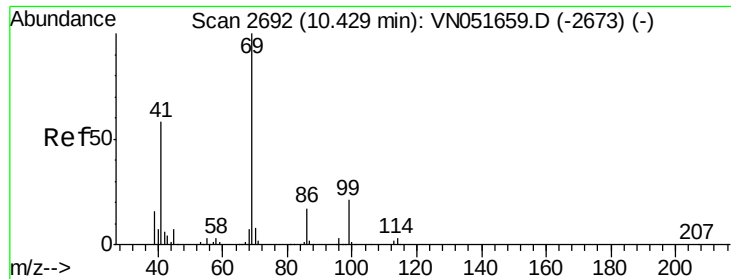
Tot Ion: 43 Resp: 64477
 Ion Ratio Lower Upper
 43 100
 58 25.1 32.2 48.2#



#55
 1,1,2-Trichloroethane
 Concen: 12.053 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN051703.D
 Acq: 5 Oct 2018 22:25

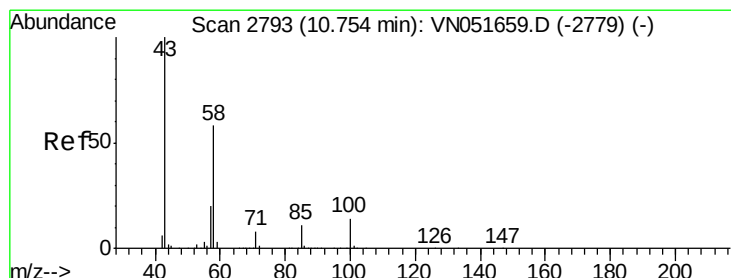
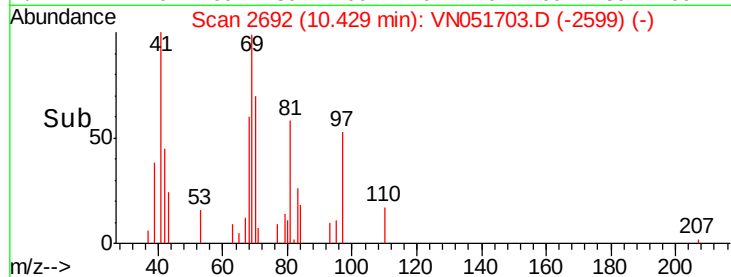
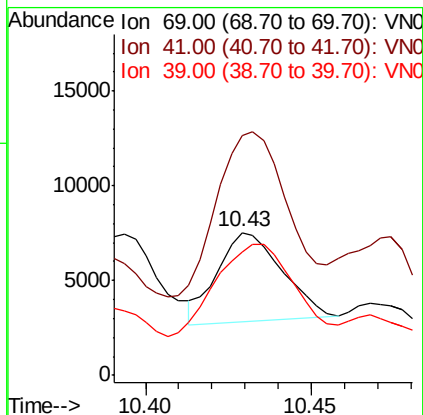
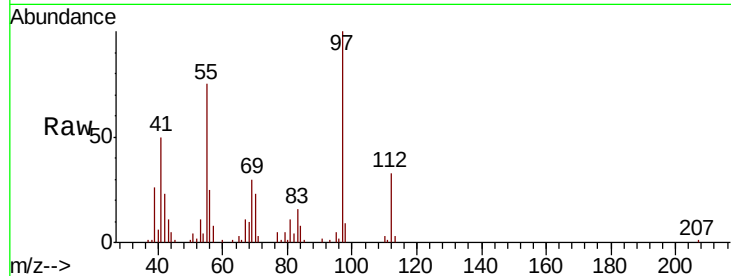
Tgt Ion: 97 Resp: 79327
 Ion Ratio Lower Upper
 97 100
 83 6.7 68.1 102.1#
 85 13.6 43.6 65.4#
 99 0.0 49.4 74.0#





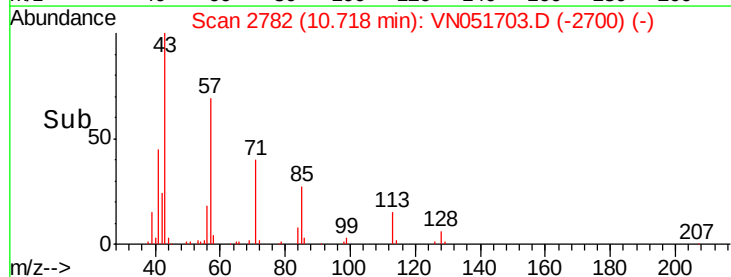
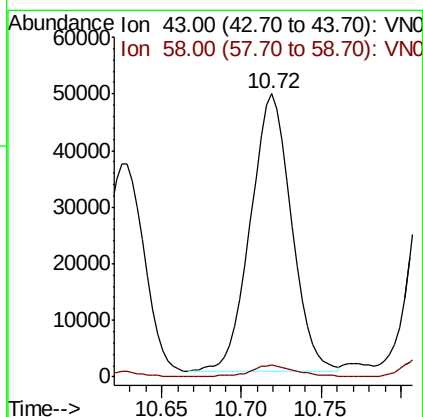
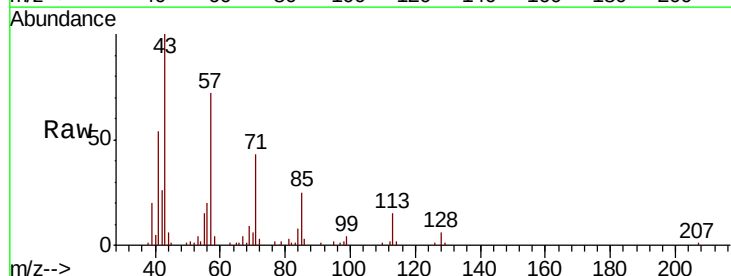
#56
Ethyl methacrylate
Concen: 0.765 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN051703.D
Acq: 5 Oct 2018 22:25

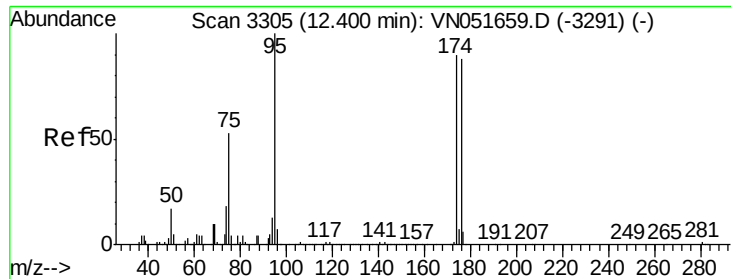
Tot Ion: 69 Resp: 6369
Ion Ratio Lower Upper
69 100
41 202.0 46.4 69.6#
39 124.6 32.4 48.6#



#59
2-Hexanone
Concen: 24.539 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.04 min
Lab File: VN051703.D
Acq: 5 Oct 2018 22:25

Tgt Ion: 43 Resp: 86047
Ion Ratio Lower Upper
43 100
58 4.9 28.8 86.4#





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

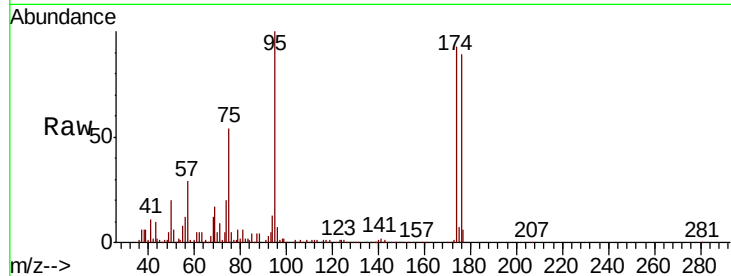
Tot Ion: 95 Resp: 438480

Ion Ratio Lower Upper

95 100

174 93.2 0.0 182.8

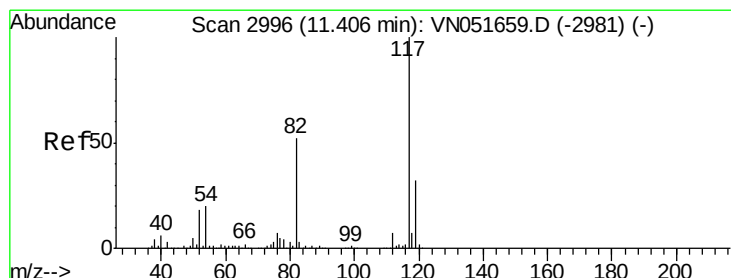
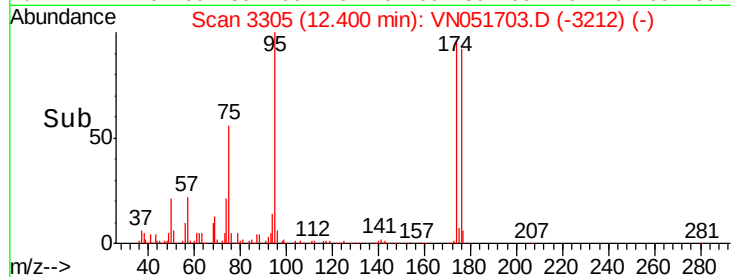
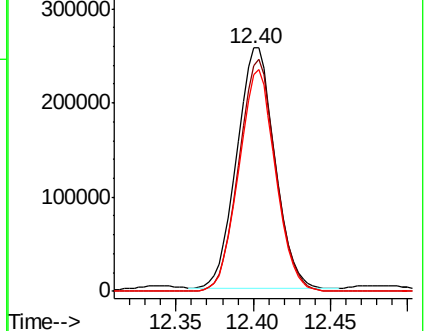
176 88.9 0.0 176.4



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: VN051703.D

Acq: 5 Oct 2018 22:25

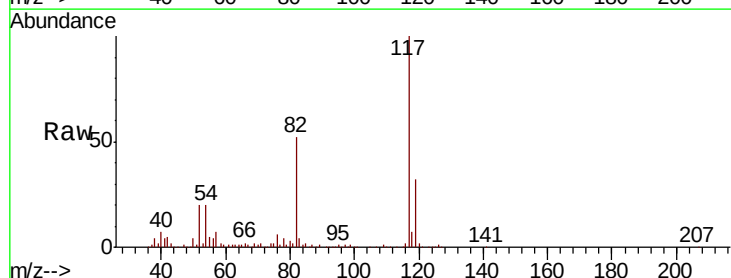
Tgt Ion: 117 Resp: 836034

Ion Ratio Lower Upper

117 100

82 51.0 41.3 61.9

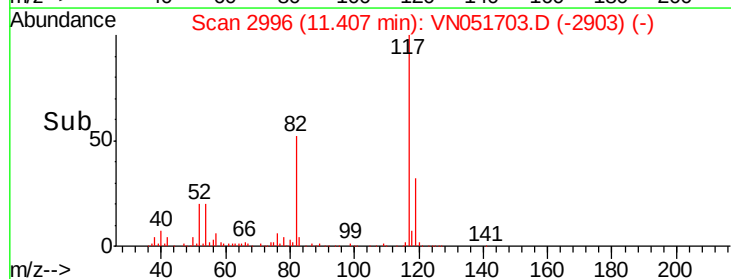
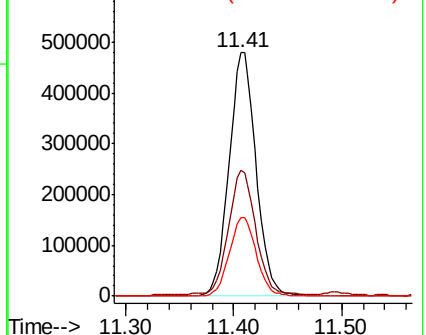
119 32.2 25.9 38.9

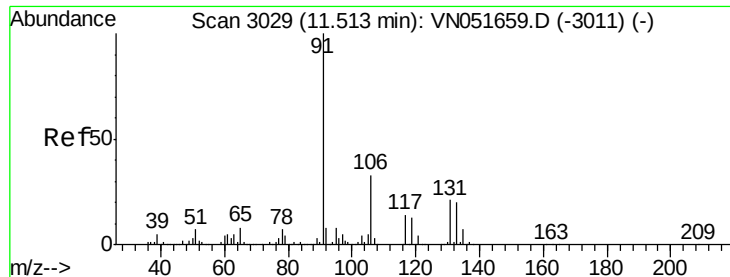


Abundance Ion 116.90 (116.60 to 117.60): VN051659.D (-2981) (-)

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

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





#67

Ethyl Benzene

Concen: 0.842 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN051703.D

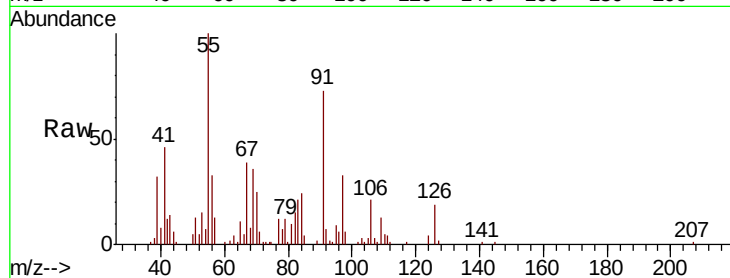
Acq: 5 Oct 2018 22:25

Tot Ion: 91 Resp: 30151

Ion Ratio Lower Upper

91 100

106 29.4 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VN051659.D (-3011) (-)

Ion 106.00 (105.70 to 106.70): VN051659.D (-3011) (-)

11.51

20000

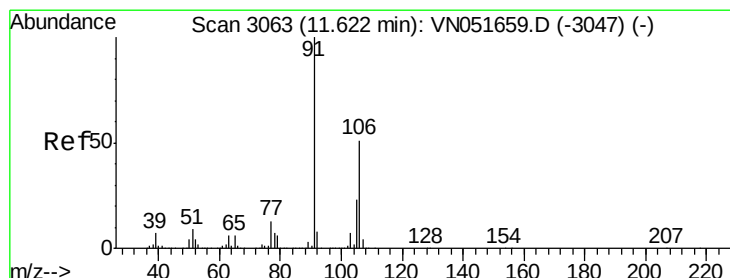
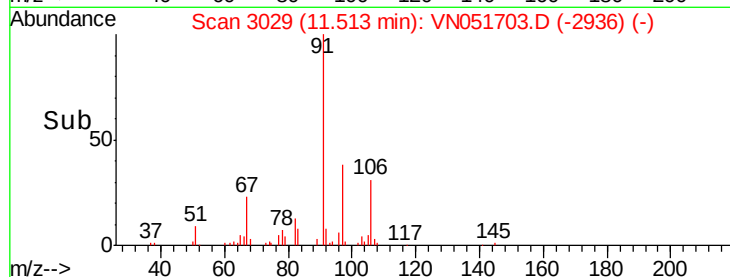
15000

10000

5000

0

Time--> 11.45 11.50 11.55



#68

m/p-Xylenes

Concen: 0.338 ug/l

RT: 11.63 min Scan# 3065

Delta R.T. 0.01 min

Lab File: VN051703.D

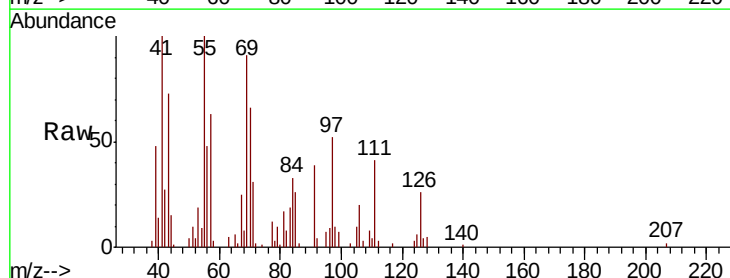
Acq: 5 Oct 2018 22:25

Tgt Ion: 106 Resp: 4843

Ion Ratio Lower Upper

106 100

91 221.6 158.4 237.6



Abundance Ion 106.00 (105.70 to 106.70): VN051659.D (-3047) (-)

Ion 91.00 (90.70 to 91.70): VN051659.D (-3047) (-)

11.63

6000

5000

4000

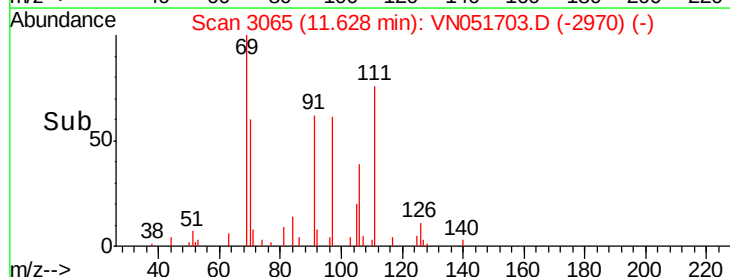
3000

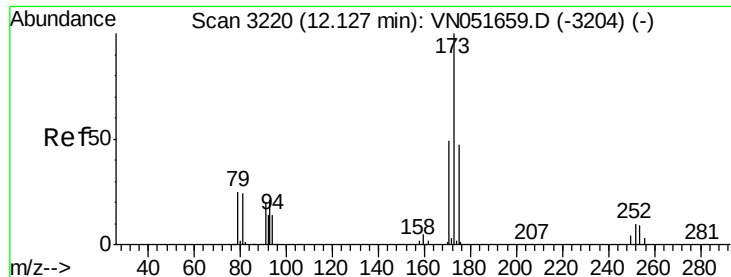
2000

1000

0

Time--> 11.55 11.60 11.65





#71

Bromoform

Concen: 0.604 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

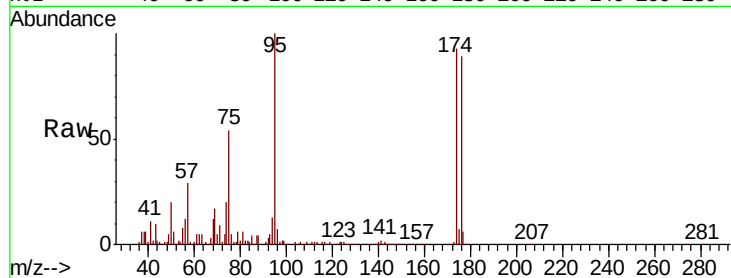
Tot Ion:173 Resp: 3727

Ion Ratio Lower Upper

173 100

175 720.7 24.0 72.0#

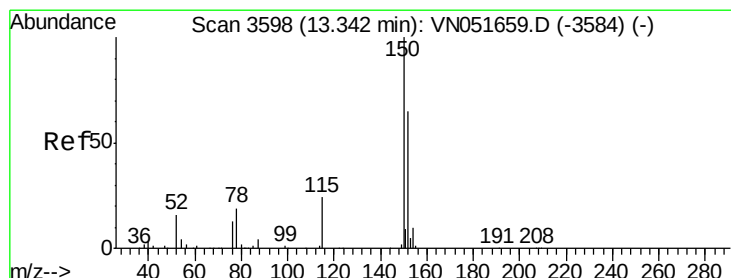
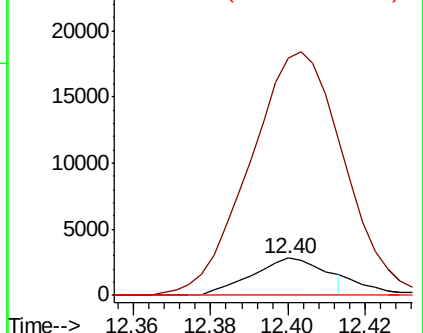
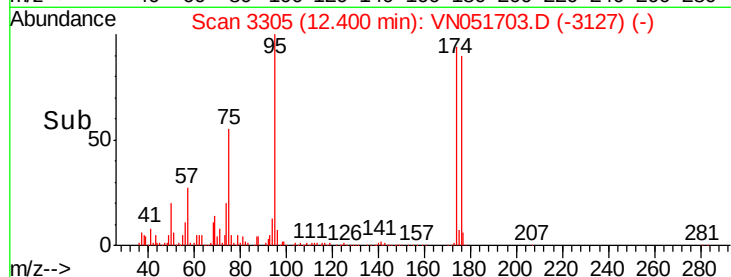
254 0.0 0.1 0.1#



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: VN051703.D

Acq: 5 Oct 2018 22:25

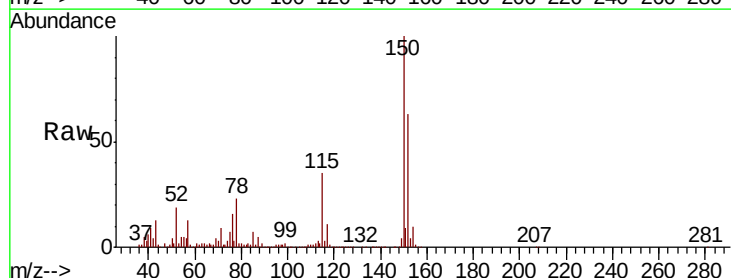
Tgt Ion:152 Resp: 446183

Ion Ratio Lower Upper

152 100

115 55.8 28.6 85.8

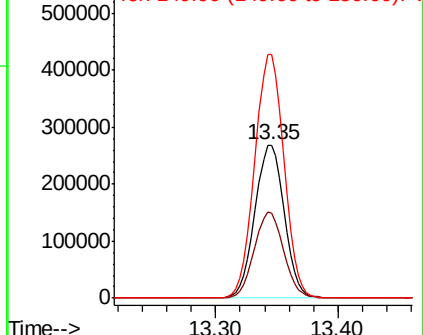
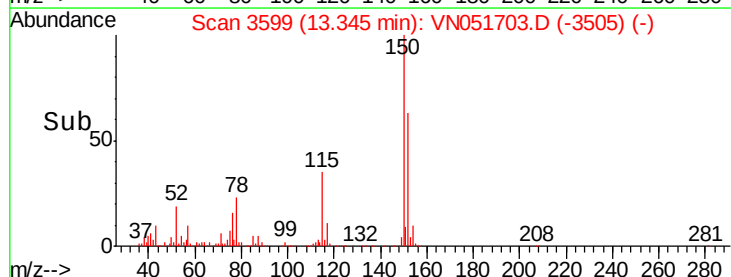
150 157.9 0.0 352.4

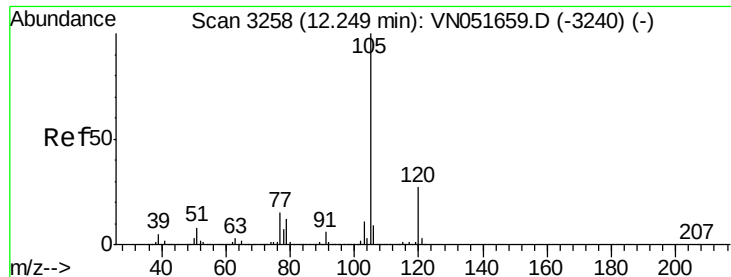


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.311 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051703.D

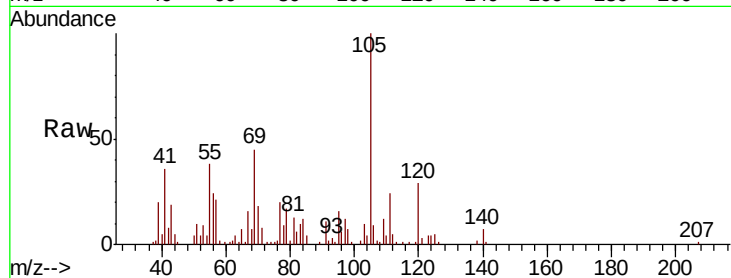
Acq: 5 Oct 2018 22:25

Tot Ion: 105 Resp: 49865

Ion Ratio Lower Upper

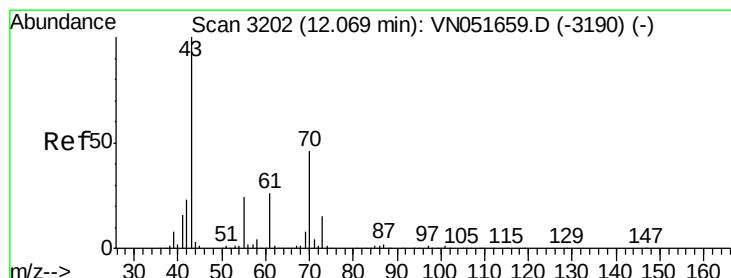
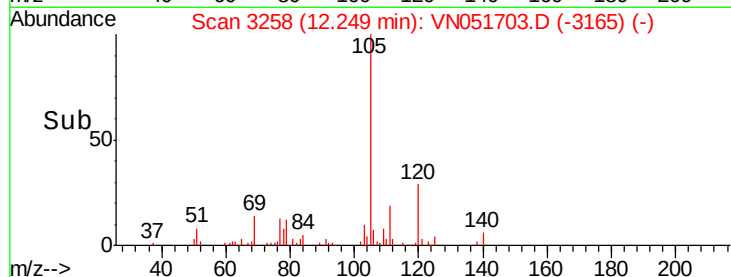
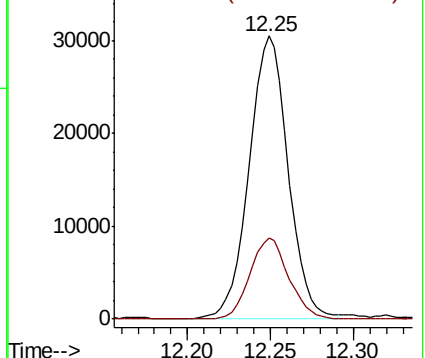
105 100

120 28.3 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-ethyl acetate

Concen: 8.980 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.02 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

Tgt Ion: 43 Resp: 91759

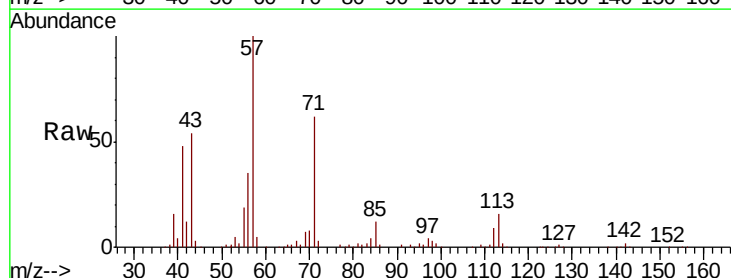
Ion Ratio Lower Upper

43 100

70 9.3 37.1 55.7#

55 9.6 19.1 28.7#

61 0.0 20.8 31.2#

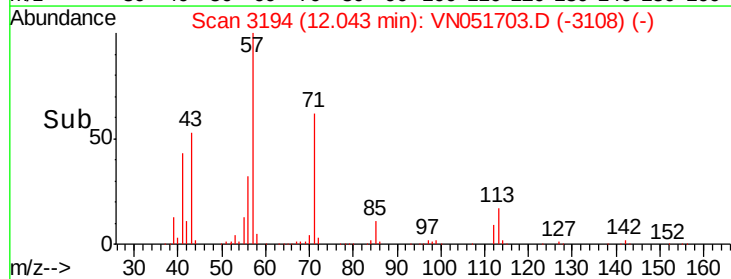
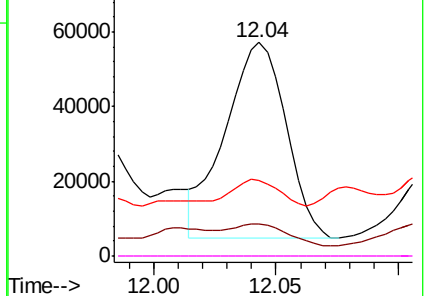


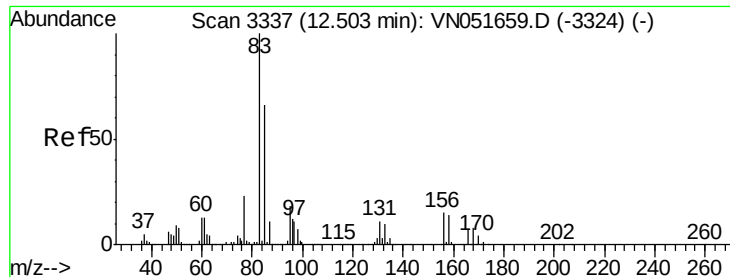
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.49 min Scan# 3334

Delta R.T. -0.01 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

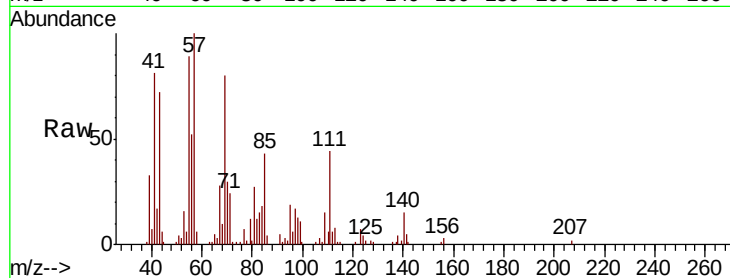
Tot Ion: 83 Resp: 1871

Ion Ratio Lower Upper

83 100

131 1.8 5.7 17.1#

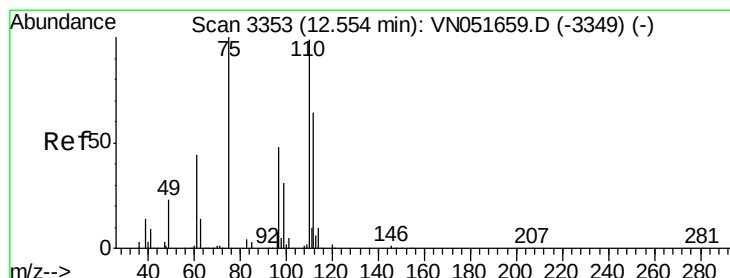
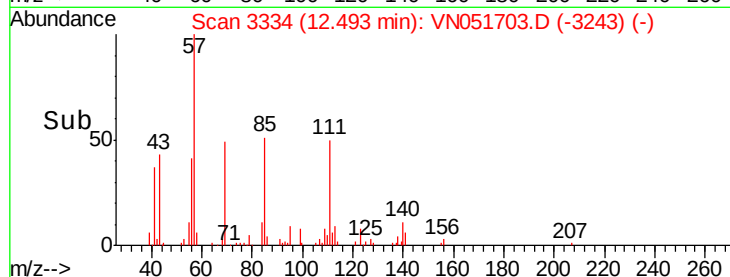
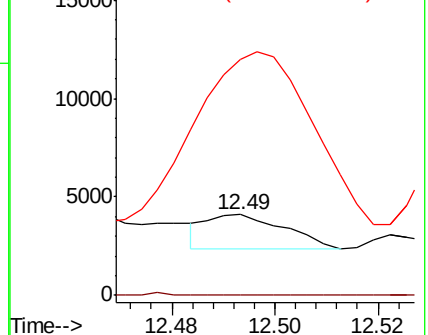
85 1162.5 33.0 98.9#



Abundance Ion 82.90 (82.60 to 83.60): VN051703.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN051703.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN051703.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 41.411 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051703.D

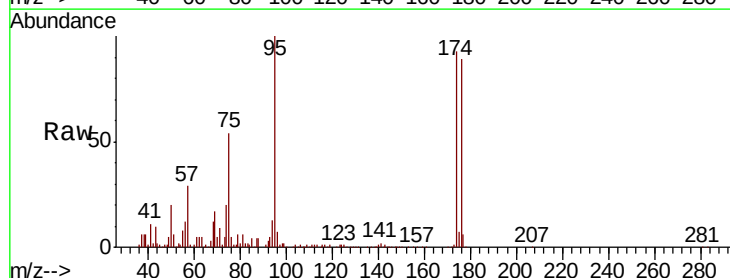
Acq: 5 Oct 2018 22:25

Tgt Ion: 75 Resp: 233487

Ion Ratio Lower Upper

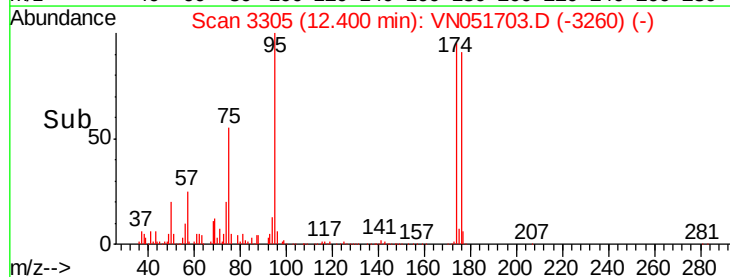
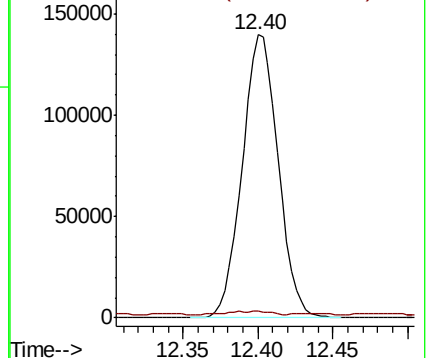
75 100

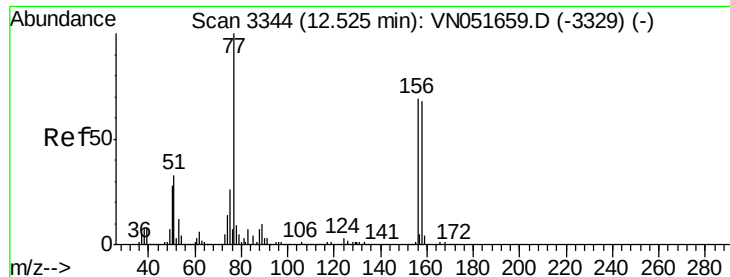
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN051703.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN051703.D (-3260) (-)





#77

Bromobenzene

Concen: 0.365 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.01 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

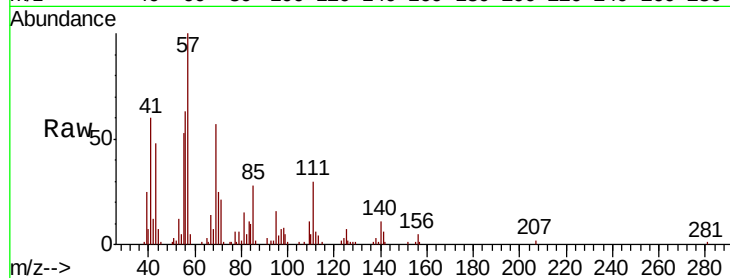
Tot Ion:156 Resp: 3394

Ion Ratio Lower Upper

156 100

77 0.0 83.2 249.4#

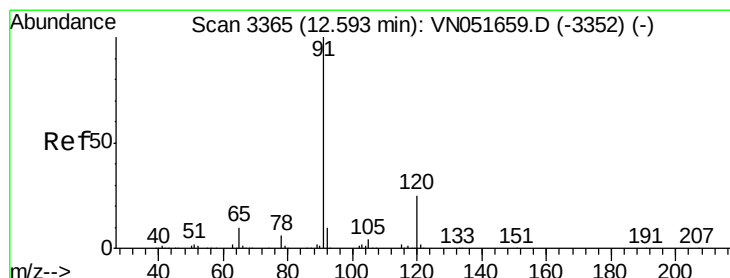
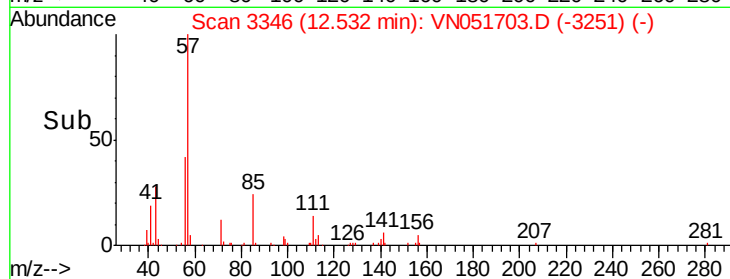
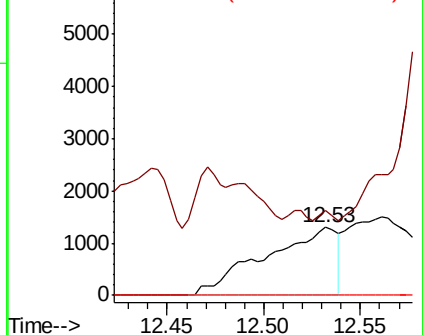
158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 6.981 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051703.D

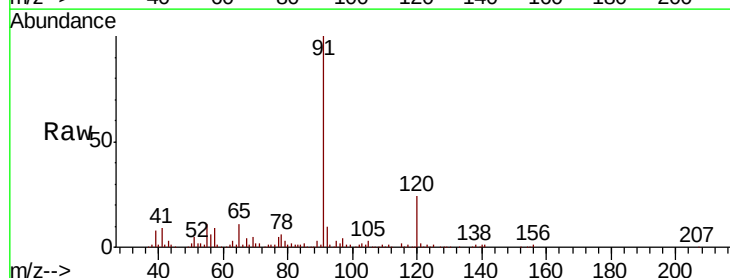
Acq: 5 Oct 2018 22:25

Tgt Ion: 91 Resp: 289620

Ion Ratio Lower Upper

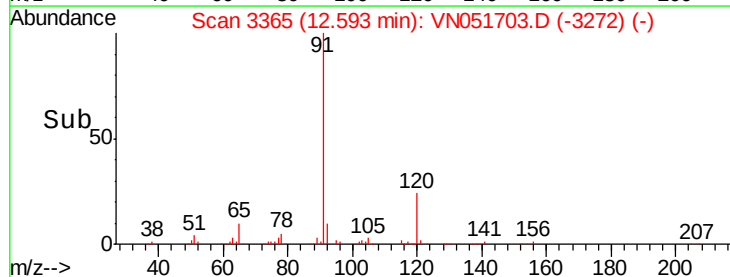
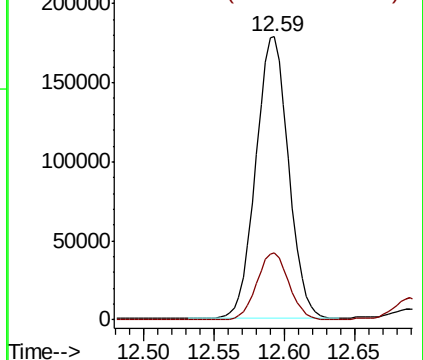
91 100

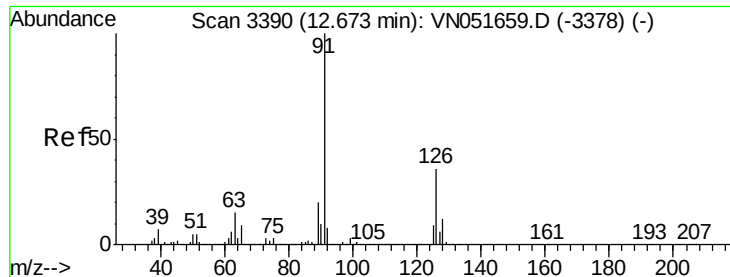
120 23.3 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 11.846 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN051703.D

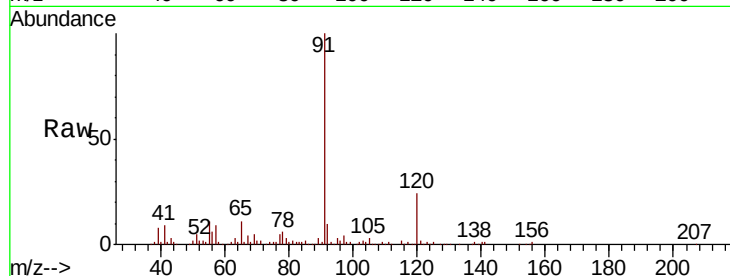
Acq: 5 Oct 2018 22:25

Tot Ion: 91 Resp: 289620

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): VN

12.59

200000

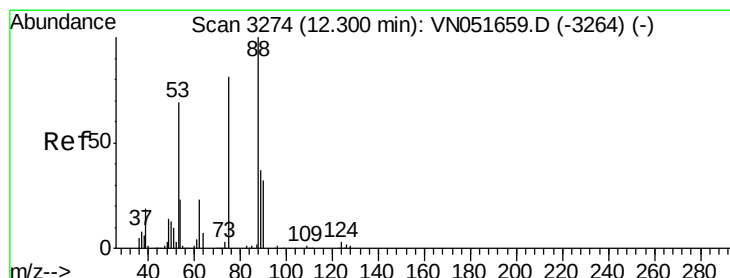
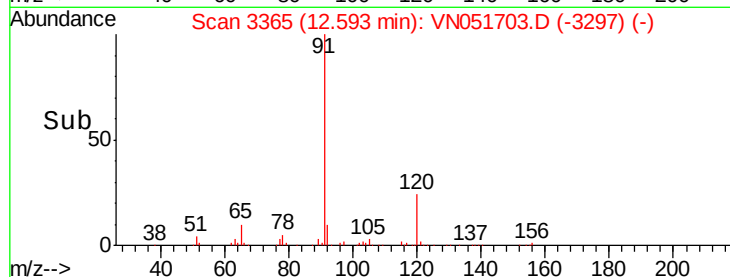
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 96.193 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

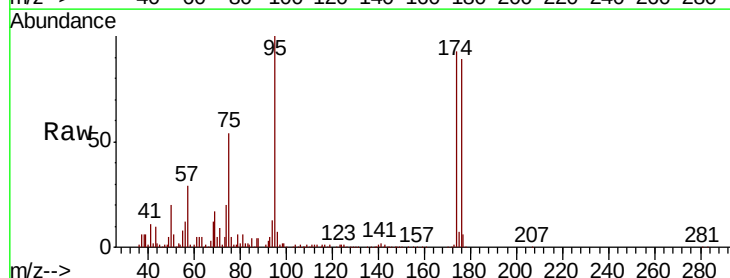
Tgt Ion: 75 Resp: 233487

Ion Ratio Lower Upper

75 100

53 0.0 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

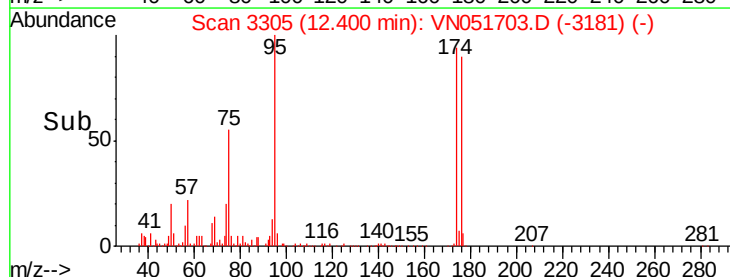
150000

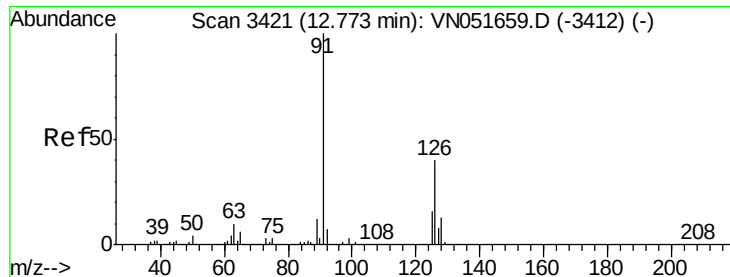
100000

50000

0

Time-->





#82

4-Chlorotoluene

Concen: 11.792 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.18 min

Lab File: VN051703.D

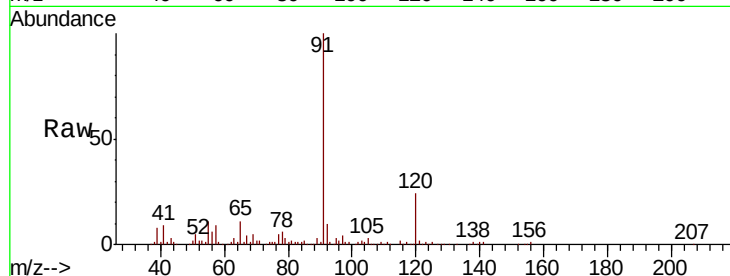
Acq: 5 Oct 2018 22:25

Tot Ion: 91 Resp: 289620

Ion Ratio Lower Upper

91 100

126 0.0 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VN051659.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN051659.D (-3412) (-)

12.59

200000

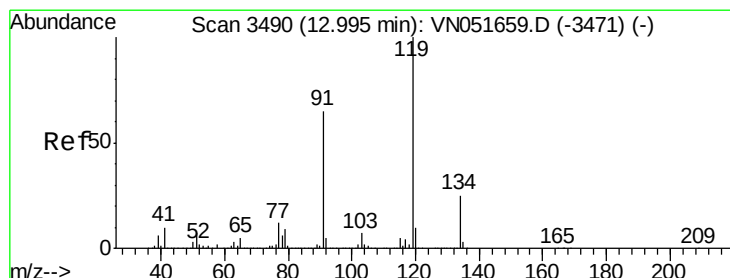
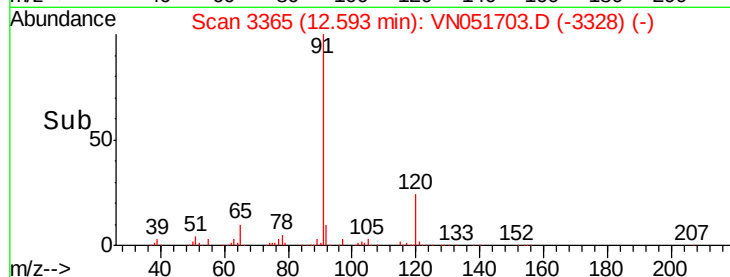
150000

100000

50000

0

Time-->



#83

tert-Butylbenzene

Concen: 0.725 ug/l

RT: 13.24 min Scan# 3565

Delta R.T. 0.24 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

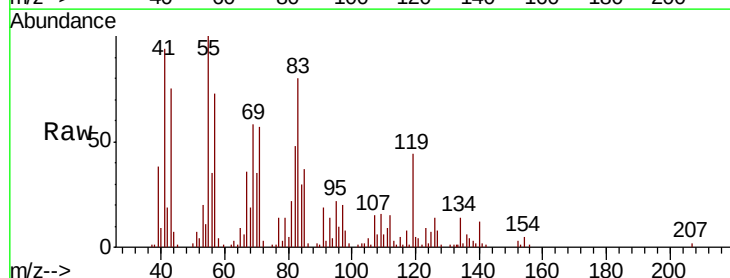
Tgt Ion: 119 Resp: 20817

Ion Ratio Lower Upper

119 100

91 36.8 32.1 96.5

134 28.7 13.3 39.9



Abundance Ion 119.00 (118.70 to 119.70): VN051659.D (-3471) (-)

Ion 91.00 (90.70 to 91.70): VN051659.D (-3471) (-)

Ion 134.00 (133.70 to 134.70): VN051659.D (-3471) (-)

50000

40000

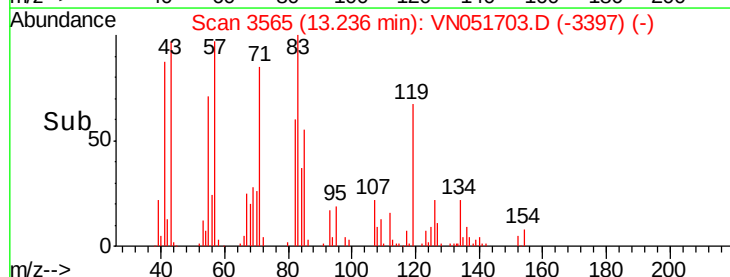
30000

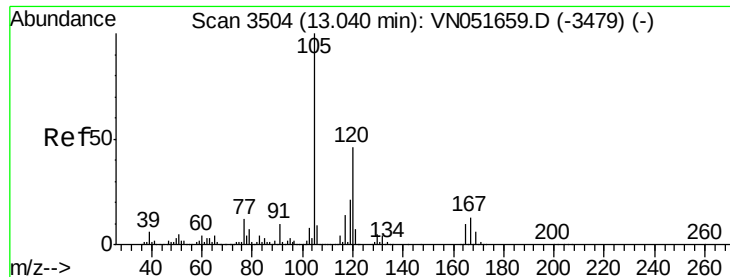
20000

10000

0

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 0.216 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN051703.D

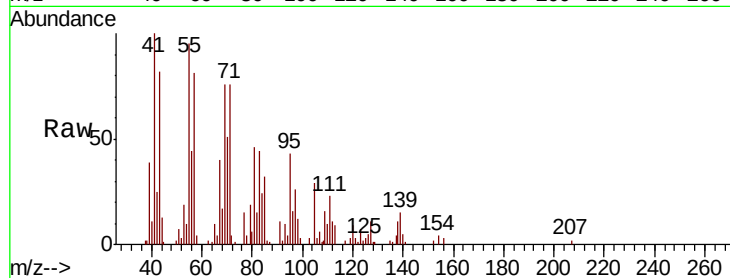
Acq: 5 Oct 2018 22:25

Tot Ion:105 Resp: 6928

Ion Ratio Lower Upper

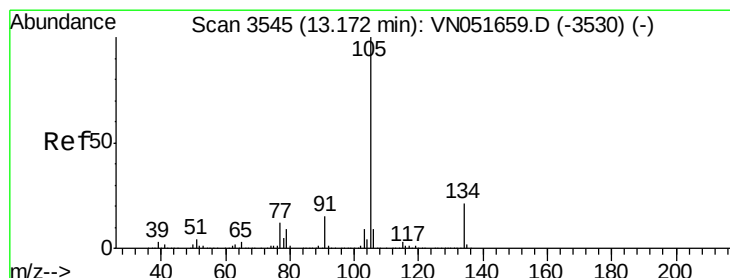
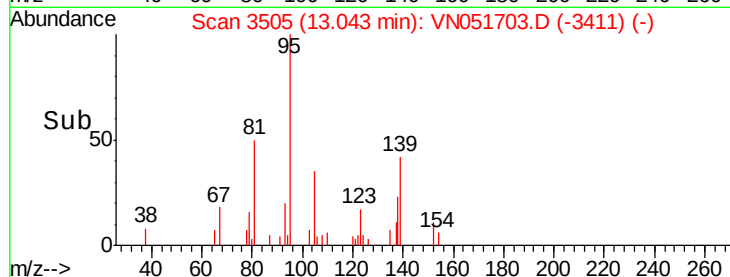
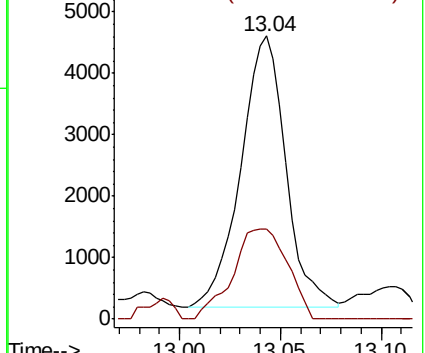
105 100

120 40.1 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 3.901 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051703.D

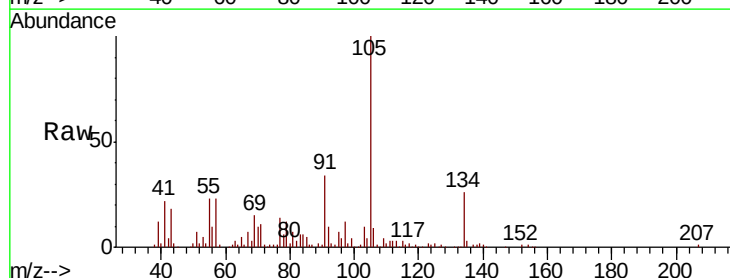
Acq: 5 Oct 2018 22:25

Tgt Ion:105 Resp: 148217

Ion Ratio Lower Upper

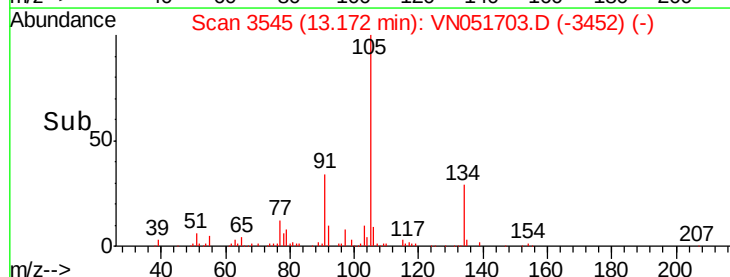
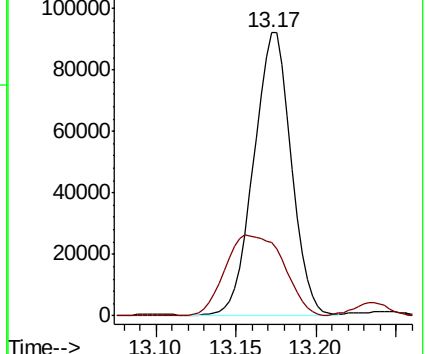
105 100

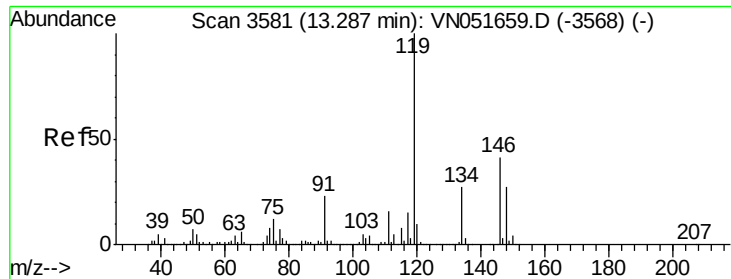
134 44.5 10.5 31.6#



Abundance Ion 105.00 (104.70 to 105.70): V

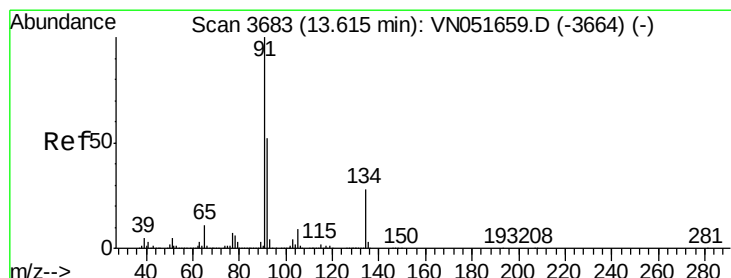
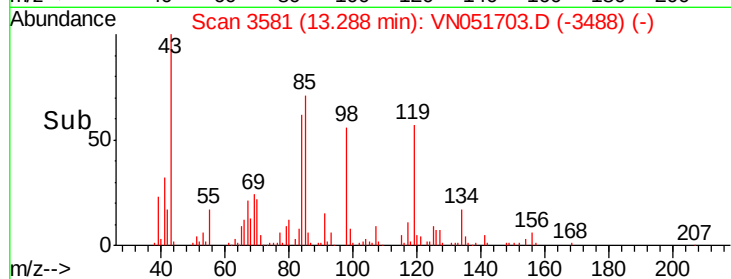
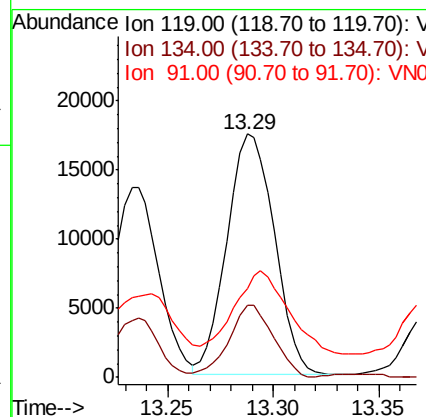
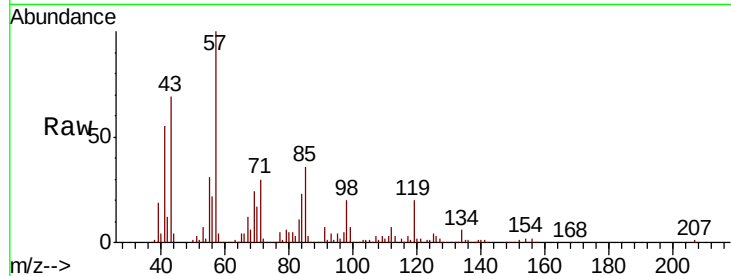
Ion 134.00 (133.70 to 134.70): V





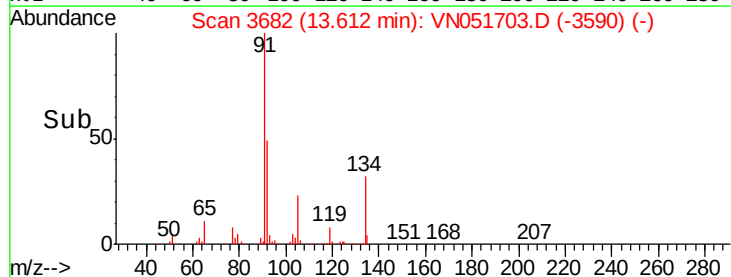
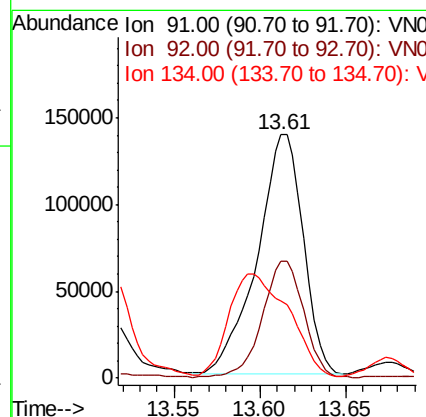
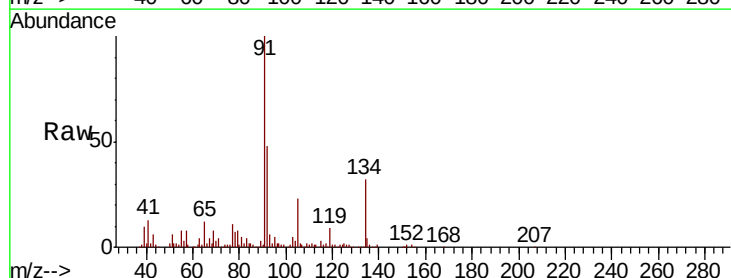
#86
p-Isopropyltoluene
Concen: 0.812 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN051703.D
Acq: 5 Oct 2018 22:25

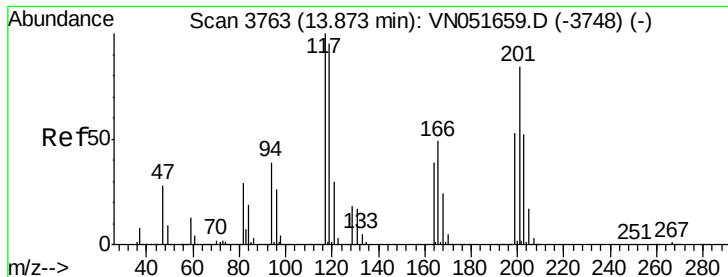
Tot Ion: 119 Resp: 27345
Ion Ratio Lower Upper
119 100
134 27.9 13.4 40.2
91 38.8 11.7 35.1#



#89
n-Butylbenzene
Concen: 9.539 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051703.D
Acq: 5 Oct 2018 22:25

Tgt Ion: 91 Resp: 254010
Ion Ratio Lower Upper
91 100
92 43.7 26.0 78.0
134 55.9 14.2 42.6#





#90

Hexachloroethane

Concen: 10.984 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051703.D

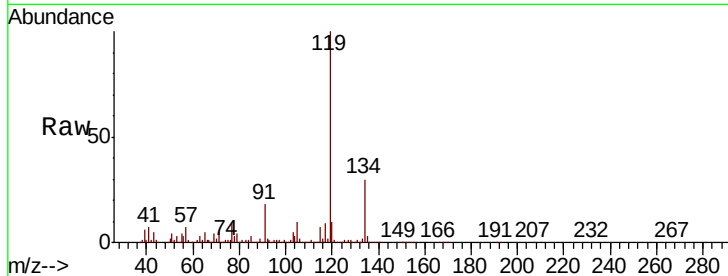
Acq: 5 Oct 2018 22:25

Tot Ion:117 Resp: 73807

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

13.89

50000

40000

30000

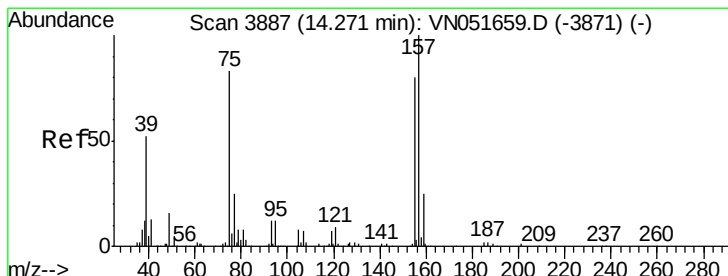
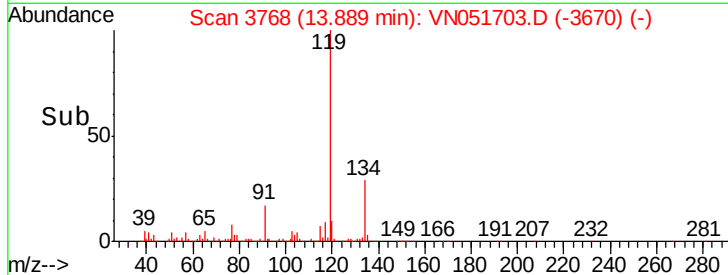
20000

10000

0

13.85 13.90

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.024 ug/l

RT: 14.29 min Scan# 3894

Delta R.T. 0.02 min

Lab File: VN051703.D

Acq: 5 Oct 2018 22:25

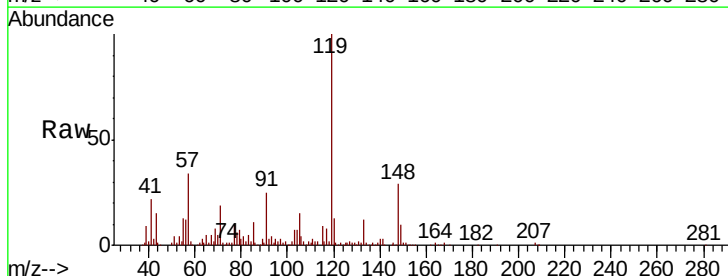
Tgt Ion: 75 Resp: 2704

Ion Ratio Lower Upper

75 100

155 6.4 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

2500

2000

1500

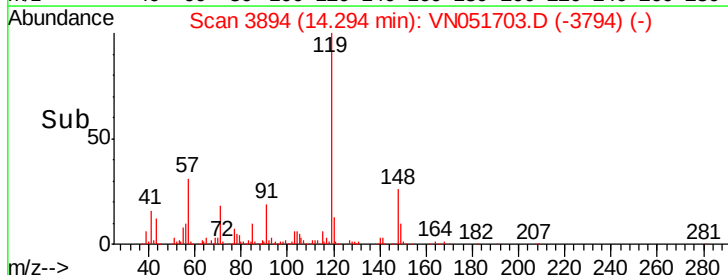
1000

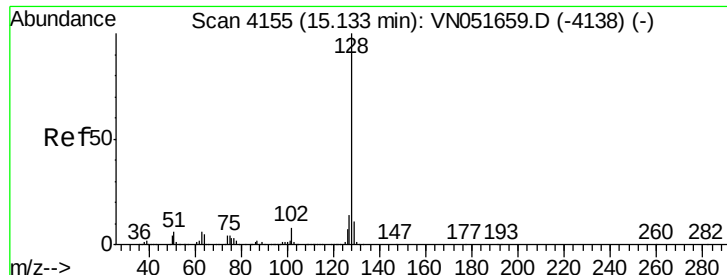
500

0

14.25 14.30 14.35

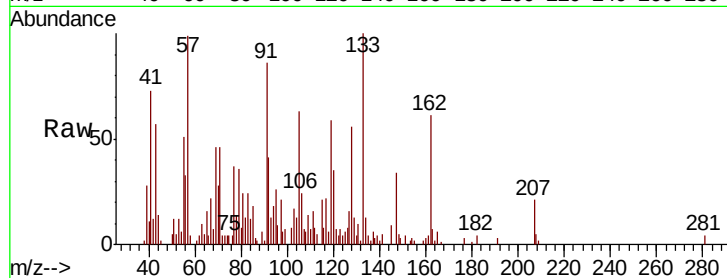
Time-->





#95
Naphthalene
Concen: 0.605 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051703.D
Acq: 5 Oct 2018 22:25

Tot Ion	Ratio	Lower	Upper
128	100		
127	58.4	10.6	15.8#
129	0.0	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

