

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\
 Data File : VN051702.D
 Acq On : 5 Oct 2018 22:00
 Operator : MD\SY
 Sample : J5084-17
 Misc : 6.09g/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 32 Sample Multiplier: 28

Quant Time: Oct 06 01:21:55 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	7.66	168	616393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	902194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	875425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	501971	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	375131	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
35) Dibromofluoromethane	7.59	113	334910	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
50) Toluene-d8	10.09	98	1343249	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.40	95	485429	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.13	85	30	1.153	ug/l #	42
7) Trichlorofluoromethane	2.98	101	279	Below Cal	#	45
11) Tert butyl alcohol	4.72	59	933	1.686	ug/l #	73
13) Acrolein	3.66	56	392	1.134	ug/l #	14
14) Allyl chloride	4.58	41	202915	23.177	ug/l #	30
15) Acrylonitrile	5.04	53	11584	6.066	ug/l #	51
16) Acetone	3.77	43	6301	Below Cal	#	59
18) Methyl Acetate	4.57	43	435955	96.998	ug/l #	48
25) 2-Butanone	6.82	43	4081	1.736	ug/l #	44
31) Cyclohexane	7.63	56	112579	10.185	ug/l #	60
36) 1,1-Dichloropropene	7.66	75	42593	4.517	ug/l #	49
38) Carbon Tetrachloride	7.66	117	56145	4.962	ug/l #	15
39) Methylcyclohexane	9.08	83	299557	25.306	ug/l	90
40) Benzene	8.04	78	43695	1.563	ug/l	96
41) Methacrylonitrile	7.21	41	3214	0.975	ug/l #	25
43) Isopropyl Acetate	8.15	43	43391	4.232	ug/l #	59
47) Bromodichloromethane	9.37	83	20219	1.912	ug/l #	30
48) Methyl methacrylate	9.22	41	31053	6.627	ug/l #	19
51) 4-Methyl-2-Pentanone	10.02	43	56338	10.842	ug/l #	77
52) Toluene	10.16	92	52125	2.803	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	140946	21.279	ug/l #	22
56) Ethyl methacrylate	10.43	69	36595	4.369	ug/l #	1
59) 2-Hexanone	10.72	43	156776	44.427	ug/l #	27
65) Chlorobenzene	11.54	112	5552	0.256	ug/l #	42
67) Ethyl Benzene	11.51	91	353396	9.430	ug/l	98
68) m/p-Xylenes	11.62	106	130864	8.728	ug/l	99
69) o-Xylene	11.95	106	9894	0.673	ug/l	79
71) Bromoform	12.40	173	4043	0.626	ug/l #	1
73) Isopropylbenzene	12.25	105	62516	1.461	ug/l	98
74) N-amyl acetate	12.04	43	147456	14.332	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.56	83	26635	Below Cal	#	52
76) 1,2,3-Trichloropropane	12.40	75	253436	39.796	ug/l #	100
78) n-propylbenzene	12.59	91	406990	8.720	ug/l	98
79) 2-Chlorotoluene	12.59	91	406990	14.796	ug/l #	38

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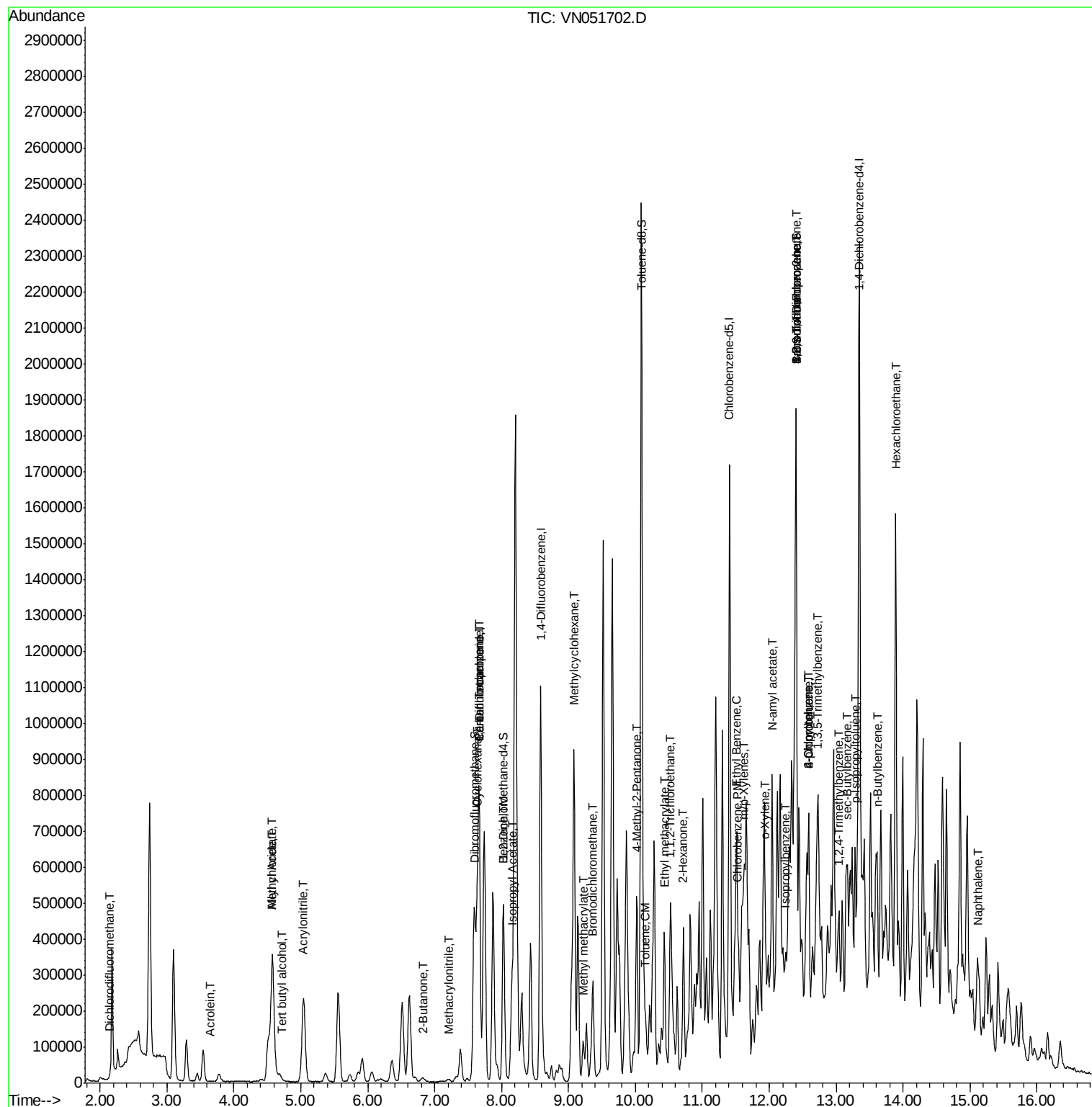
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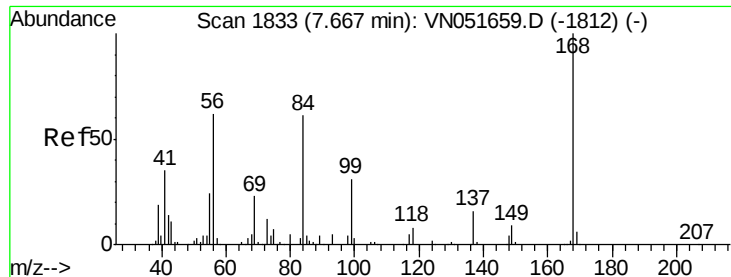
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.73	105	31722	0.880	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	253436	92.807	ug/l #	16
82) 4-Chlorotoluene	12.59	91	406990	14.729	ug/l #	39
84) 1,2,4-Trimethylbenzene	13.04	105	91226	2.526	ug/l	98
85) sec-Butylbenzene	13.17	105	152074	3.558	ug/l #	53
86) p-Isopropyltoluene	13.29	119	15508	0.409	ug/l #	76
89) n-Butylbenzene	13.62	91	234601	7.831	ug/l #	81
90) Hexachloroethane	13.89	117	63007	8.334	ug/l #	7
95) Naphthalene	15.13	128	88504	5.082	ug/l #	91

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051702.D

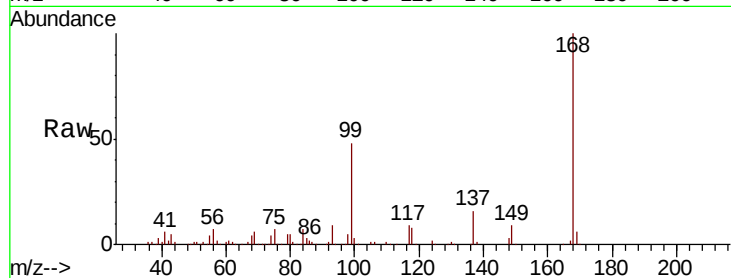
Acq: 5 Oct 2018 22:00

Tot Ion:168 Resp: 616393

Ion Ratio Lower Upper

168 100

99 48.1 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

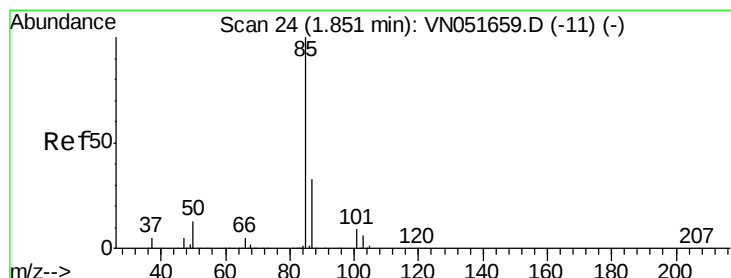
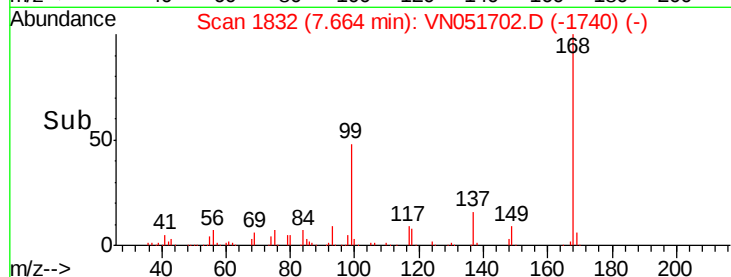
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 1.153 ug/l

RT: 2.13 min Scan# 110

Delta R.T. 0.28 min

Lab File: VN051702.D

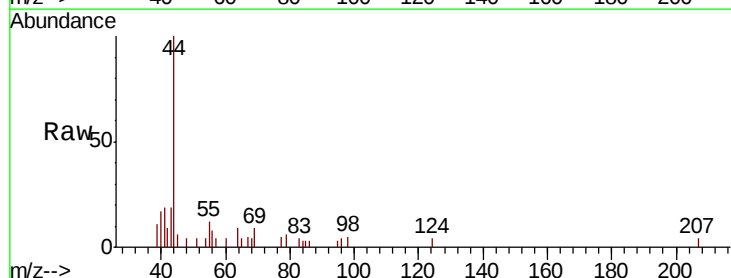
Acq: 5 Oct 2018 22:00

Tgt Ion: 85 Resp: 30

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.4#



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

2.13

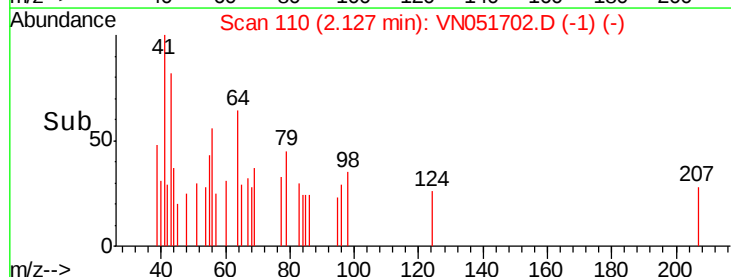
150

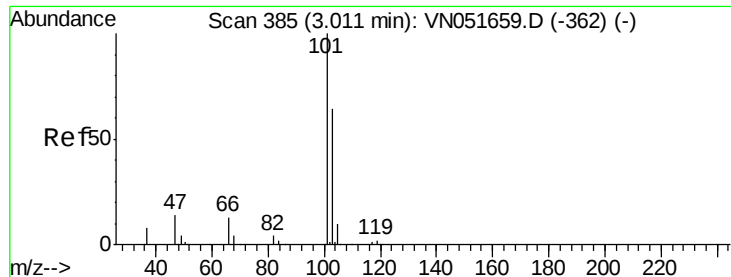
100

50

0

Time--> 2.12 2.12 2.13 2.13 2.13

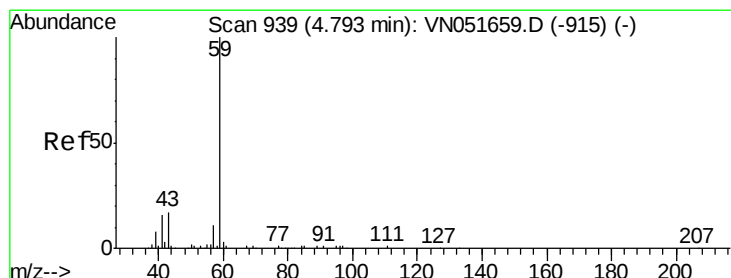
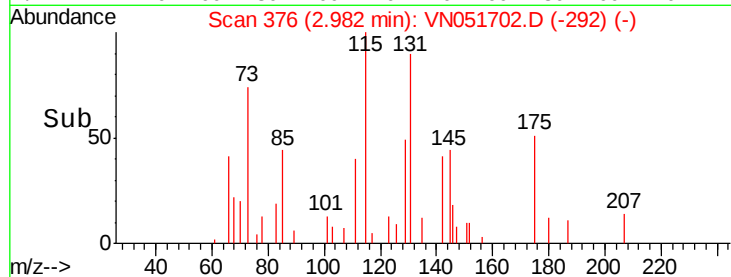
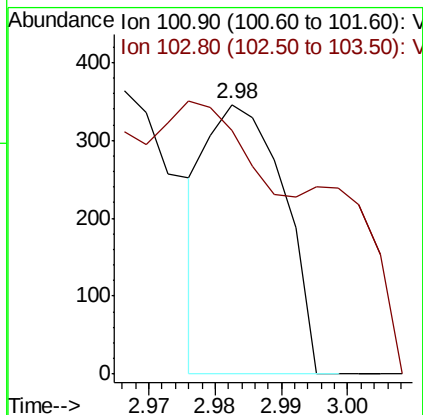
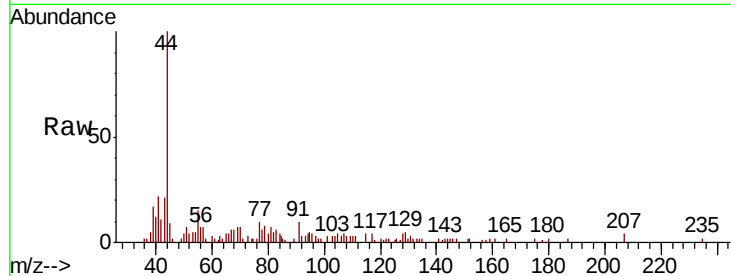




#7

Trichlorofluoromethane
Concen: Below Cal
RT: 2.98 min Scan# 376
Delta R.T. -0.03 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

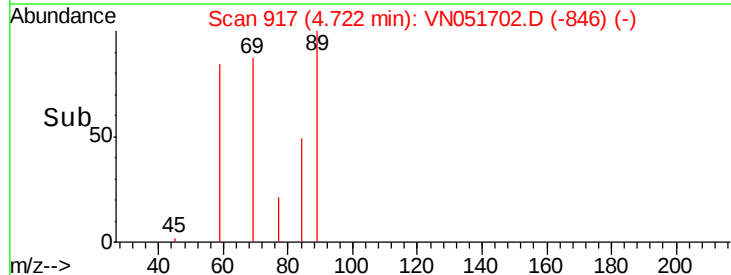
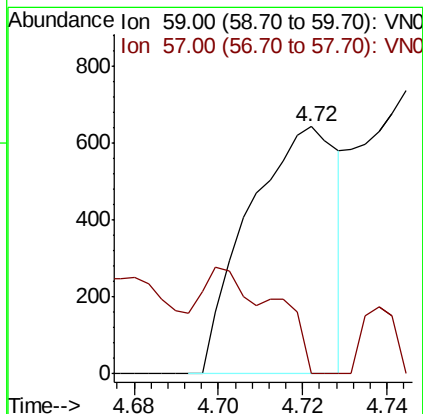
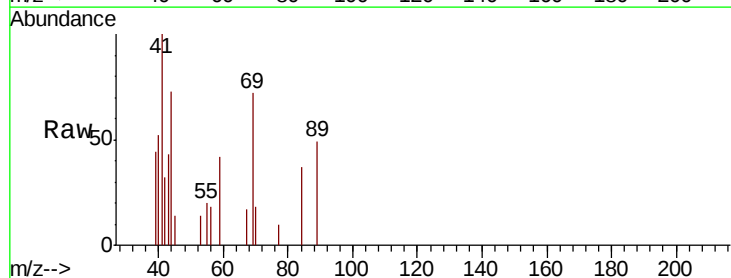
Tot Ion: 101 Resp: 279
Ion Ratio Lower Upper
101 100
103 21.1 51.1 76.7#

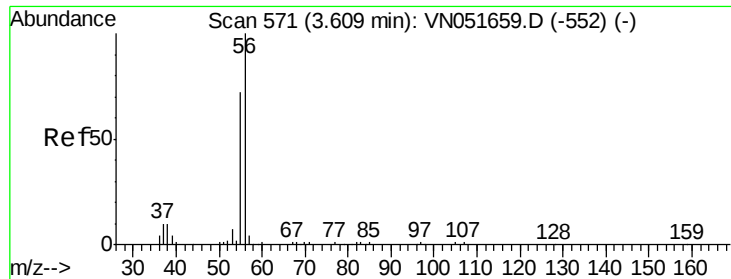


#11

Tert butyl alcohol
Concen: 1.686 ug/l
RT: 4.72 min Scan# 917
Delta R.T. -0.07 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

Tgt Ion: 59 Resp: 933
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: 1.134 ug/l

RT: 3.66 min Scan# 586

Delta R.T. 0.05 min

Lab File: VN051702.D

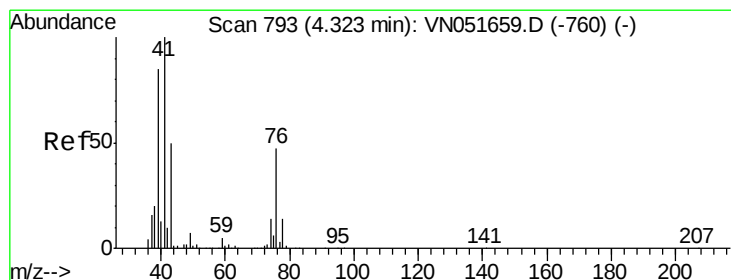
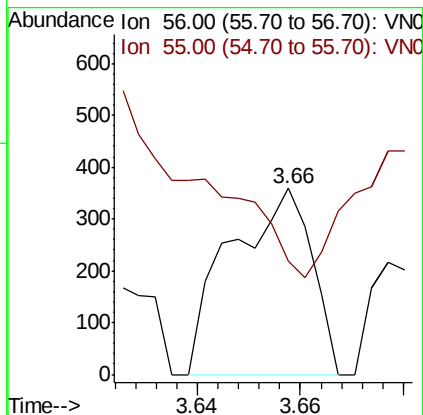
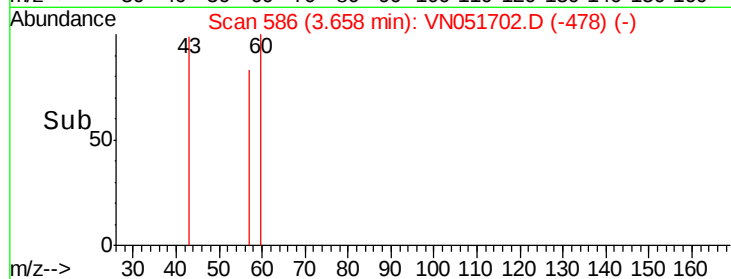
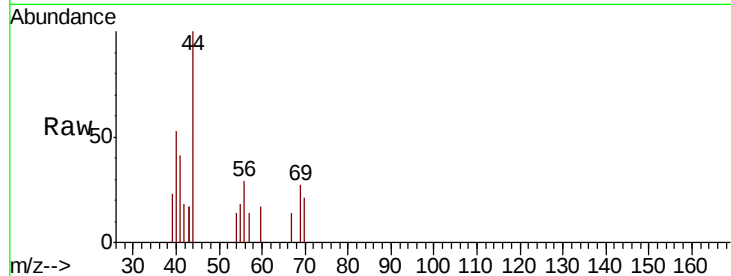
Acq: 5 Oct 2018 22:00

Tot Ion: 56 Resp: 392

Ion Ratio Lower Upper

56 100

55 0.0 57.5 86.3#



#14

Allyl chloride

Concen: 23.177 ug/l

RT: 4.58 min Scan# 872

Delta R.T. 0.25 min

Lab File: VN051702.D

Acq: 5 Oct 2018 22:00

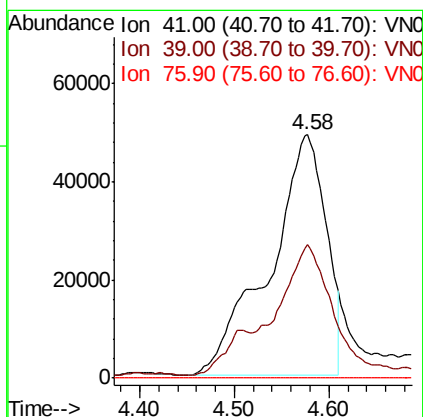
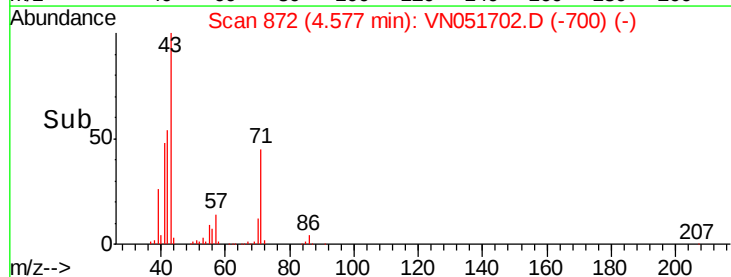
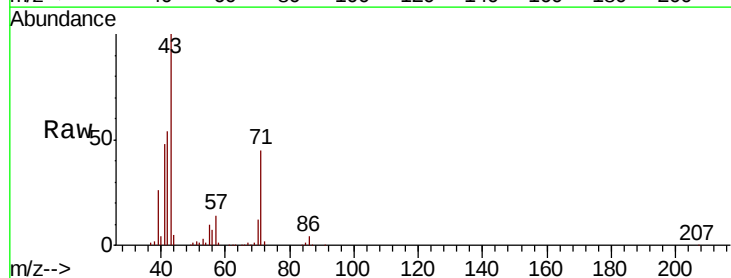
Tgt Ion: 41 Resp: 202915

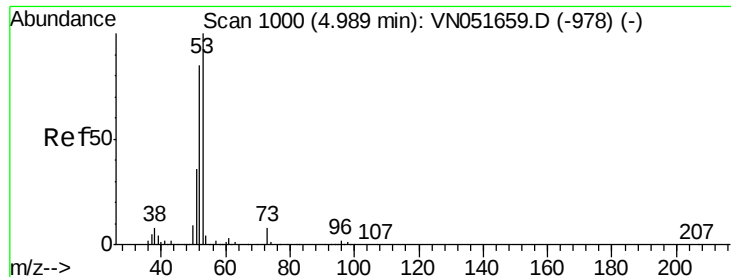
Ion Ratio Lower Upper

41 100

39 18.5 65.4 98.0#

76 0.0 34.3 51.5#





#15

Acrylonitrile

Concen: 6.066 ug/l

RT: 5.04 min Scan# 1017

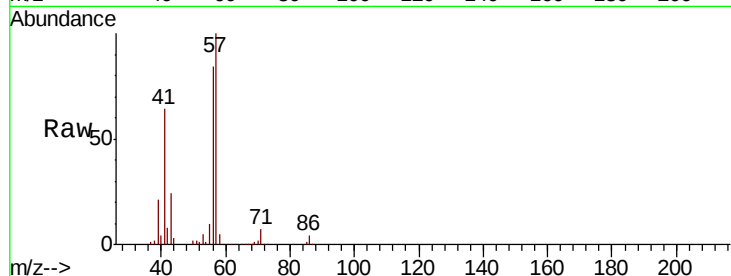
Delta R.T. 0.05 min

Lab File: VN051702.D

Acq: 5 Oct 2018 22:00

Tot Ion: 53 Resp: 11584

Ion	Ratio	Lower	Upper
53	100		
52	23.8	66.2	99.2#
51	30.8	30.3	45.5



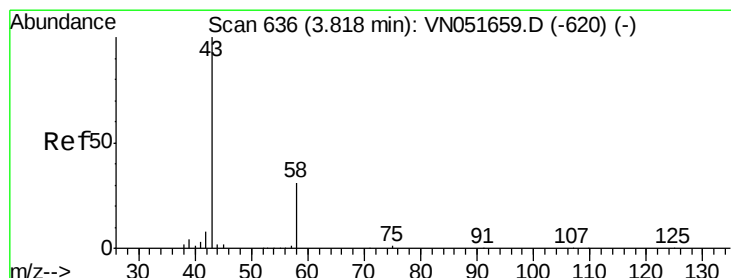
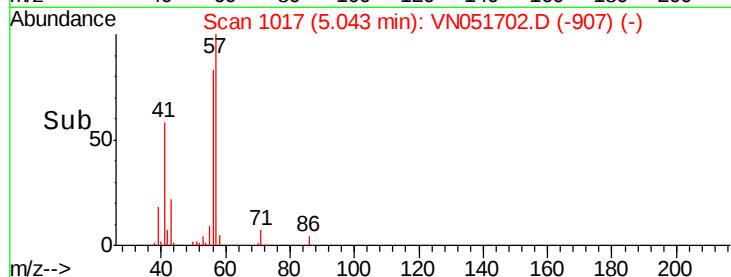
Abundance Ion 53.00 (52.70 to 53.70): VN051659.D (-978) (-)

Ion 52.00 (51.70 to 52.70): VN051659.D (-978) (-)

Ion 51.00 (50.70 to 51.70): VN051659.D (-978) (-)

5.04

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.77 min Scan# 622

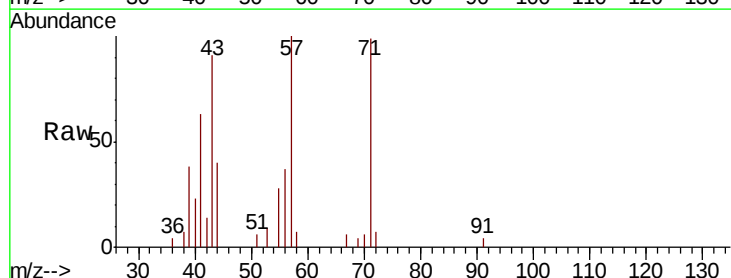
Delta R.T. -0.04 min

Lab File: VN051702.D

Acq: 5 Oct 2018 22:00

Tgt Ion: 43 Resp: 6301

Ion	Ratio	Lower	Upper
43	100		
58	8.1	24.3	36.5#

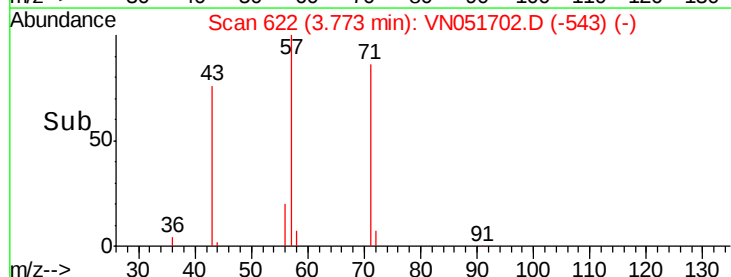


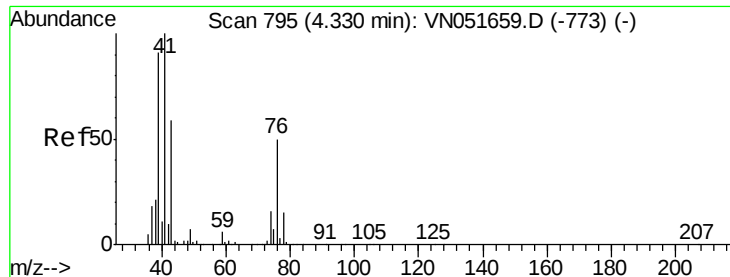
Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-620) (-)

Ion 58.00 (57.70 to 58.70): VN051659.D (-620) (-)

3.77

Time-->





#18

Methyl Acetate

Concen: 96.998 ug/l

RT: 4.57 min Scan# 871

Delta R.T. 0.24 min

Lab File: VN051702.D

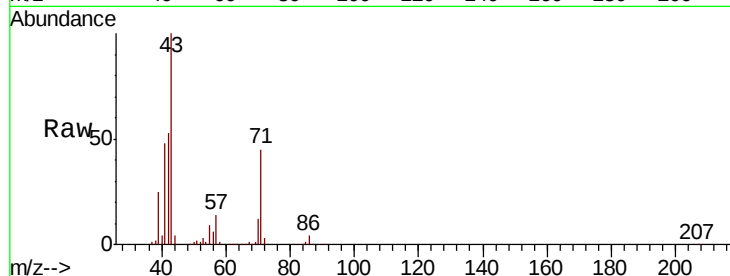
Acq: 5 Oct 2018 22:00

Tot Ion: 43 Resp: 435955

Ion Ratio Lower Upper

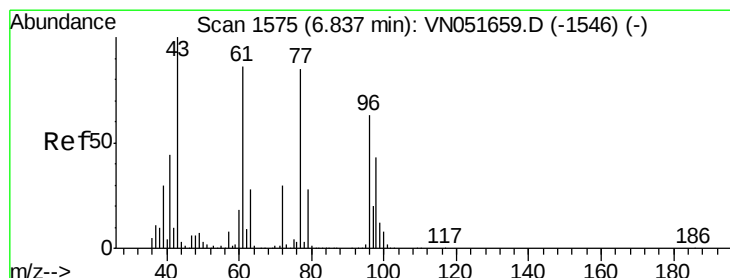
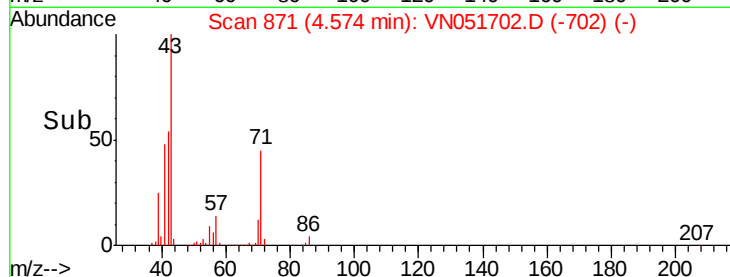
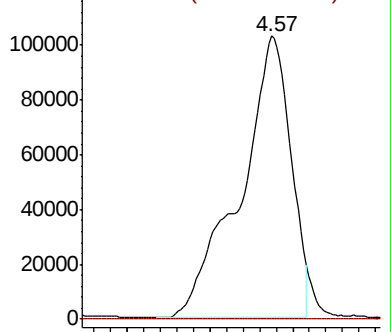
43 100

74 0.0 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#25

2-Butanone

Concen: 1.736 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.02 min

Lab File: VN051702.D

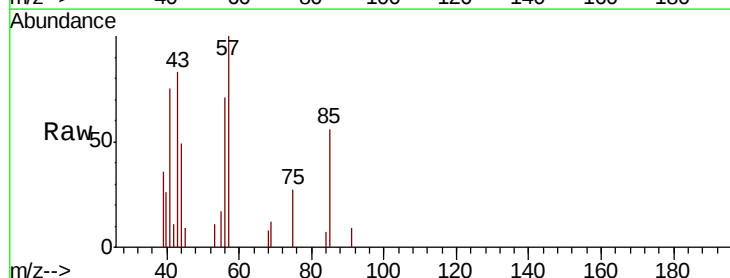
Acq: 5 Oct 2018 22:00

Tgt Ion: 43 Resp: 4081

Ion Ratio Lower Upper

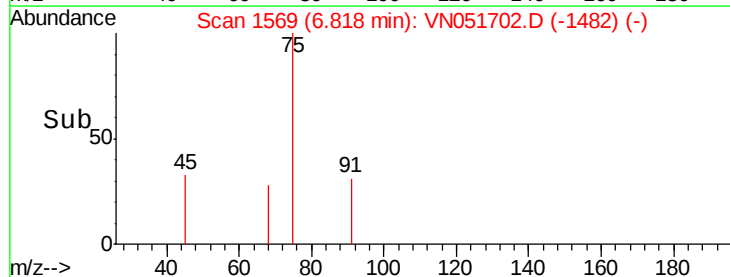
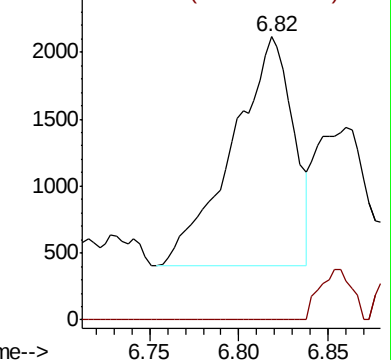
43 100

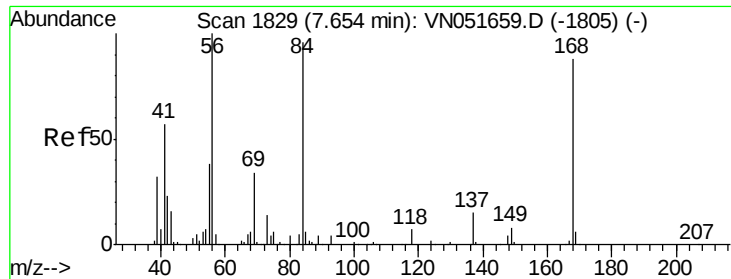
72 0.0 24.2 36.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#31

Cvclohexane

Concen: 10.185 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. -0.02 min

Lab File: VN051702.D

Acq: 5 Oct 2018 22:00

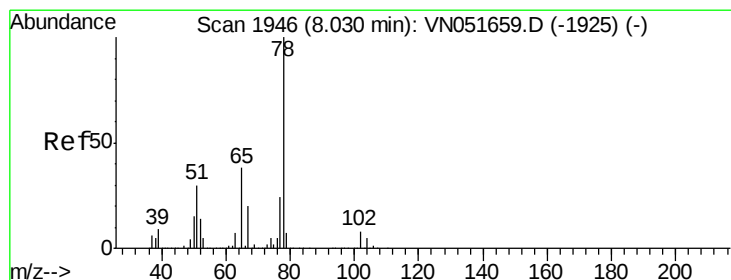
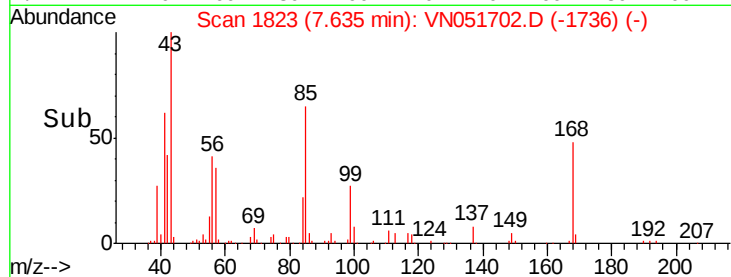
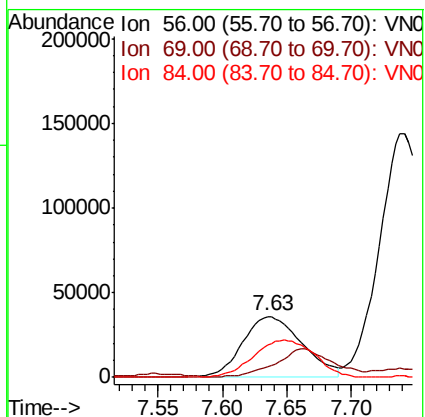
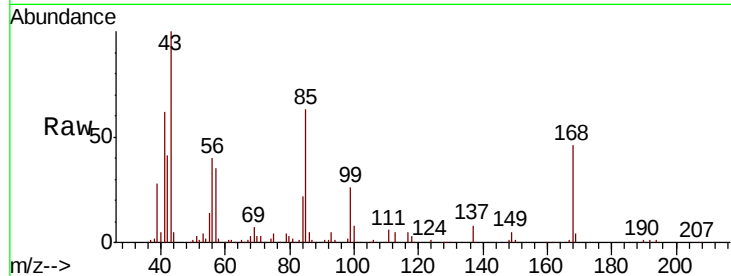
Tot Ion: 56 Resp: 112579

Ion Ratio Lower Upper

56 100

69 14.5 27.5 41.3#

84 54.6 76.7 115.1#



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051702.D

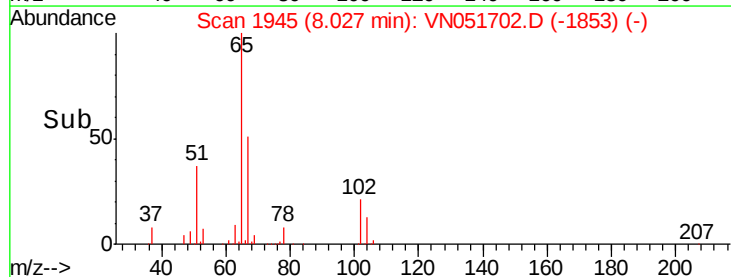
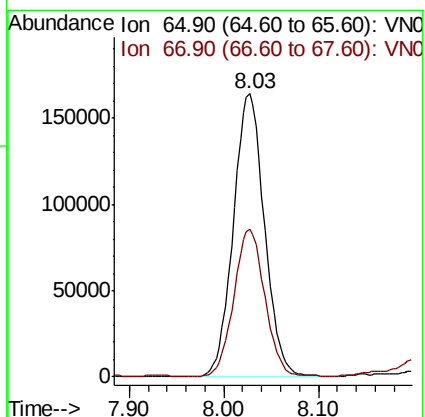
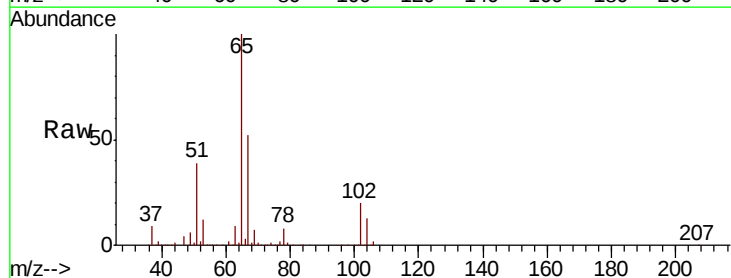
Acq: 5 Oct 2018 22:00

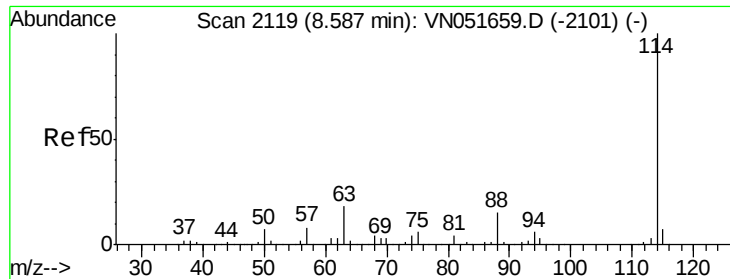
Tgt Ion: 65 Resp: 375131

Ion Ratio Lower Upper

65 100

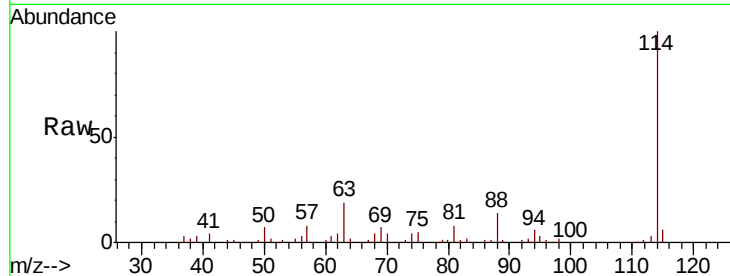
67 51.5 0.0 103.6



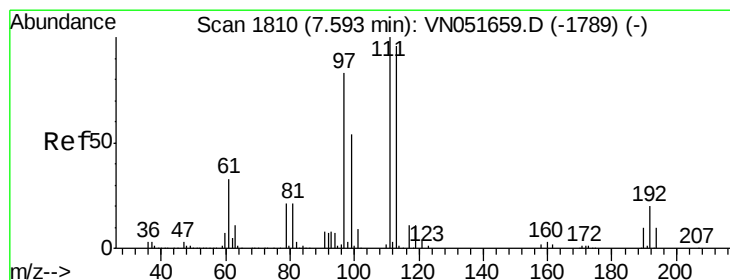
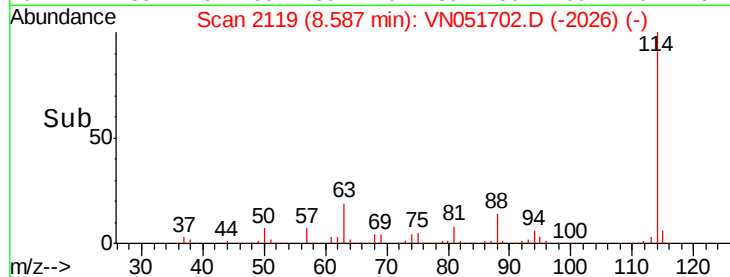
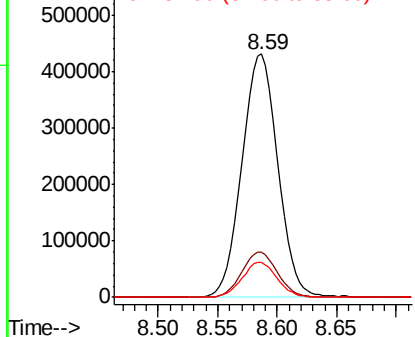


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051702.D
 Acq: 5 Oct 2018 22:00

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	36.2
88	14.2	0.0	30.2

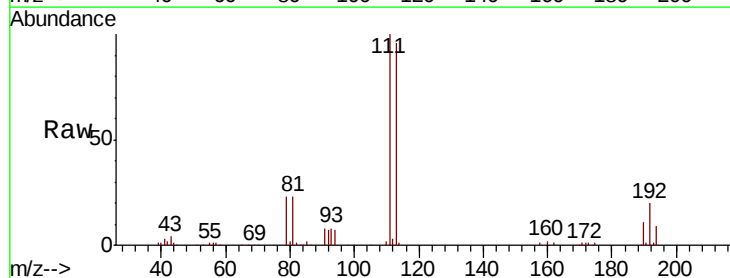


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 87.90 (87.60 to 88.60): VNO

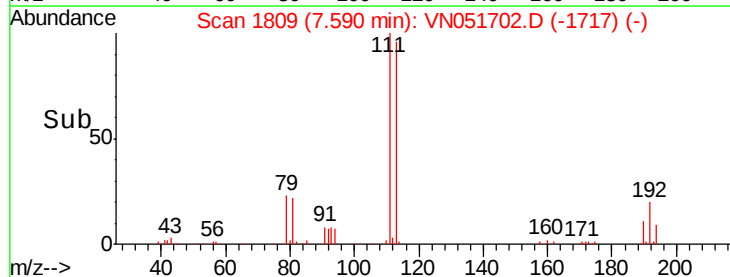
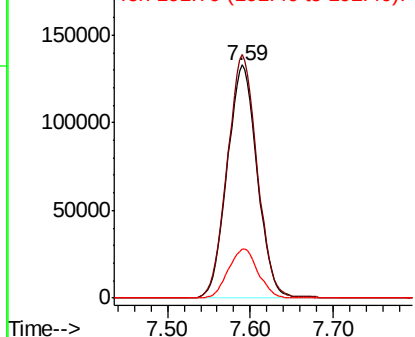


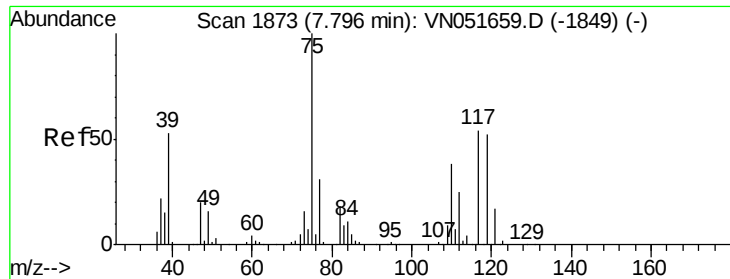
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051702.D
 Acq: 5 Oct 2018 22:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.8
192	20.9	16.5	24.7



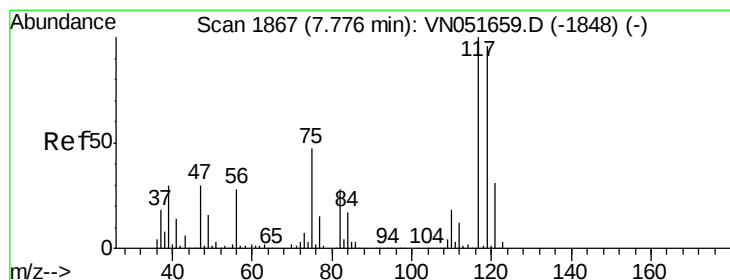
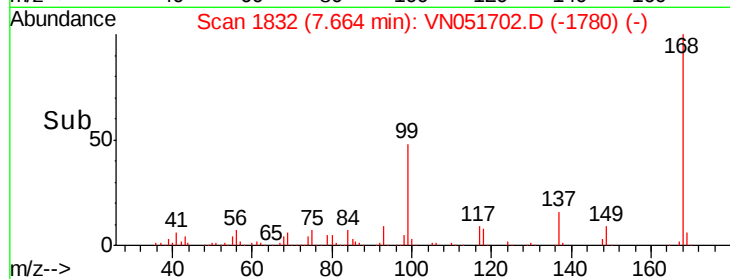
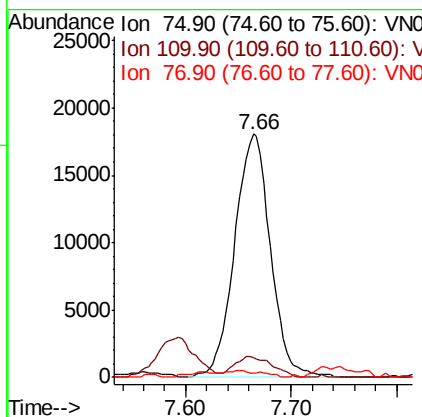
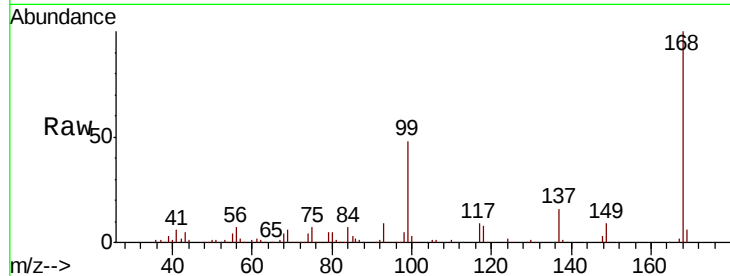
Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





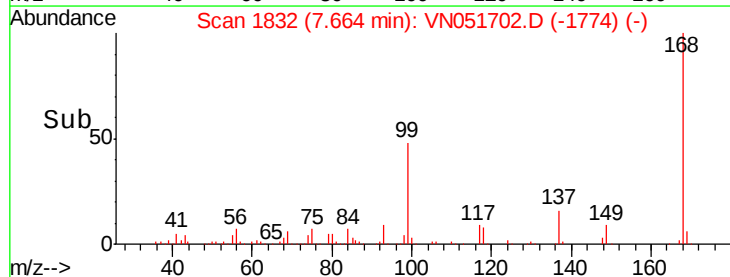
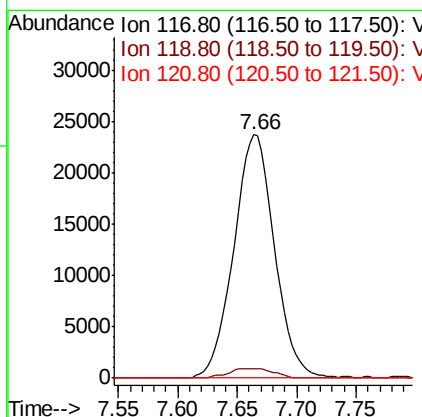
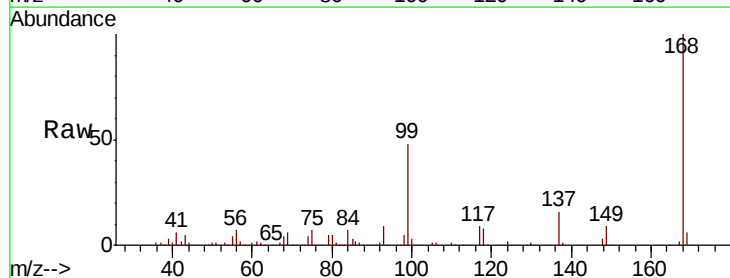
#36
 1,1-Dichloropropene
 Concen: 4.517 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN051702.D
 Acq: 5 Oct 2018 22:00

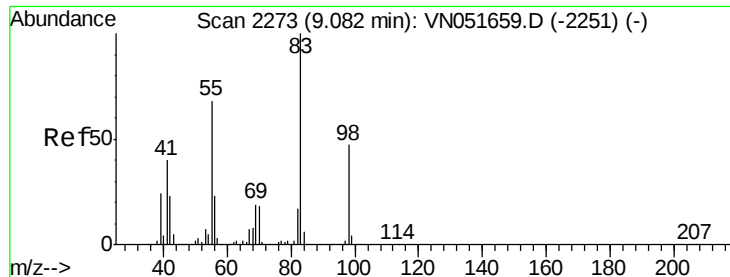
Tot Ion	75	Resp	42593
Ion Ratio	100	Lower	Upper
110	9.1	19.3	57.8#
77	0.7	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 4.962 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN051702.D
 Acq: 5 Oct 2018 22:00

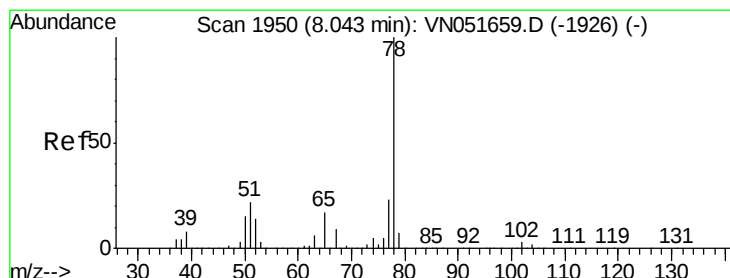
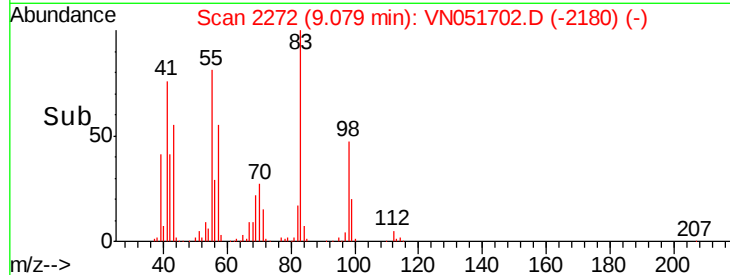
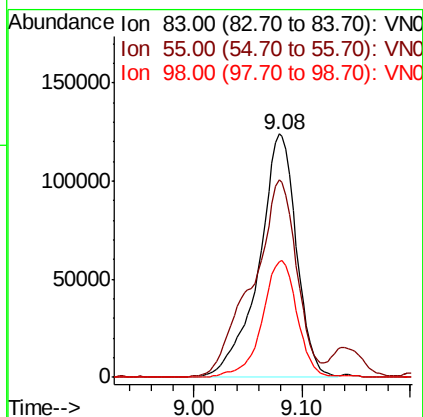
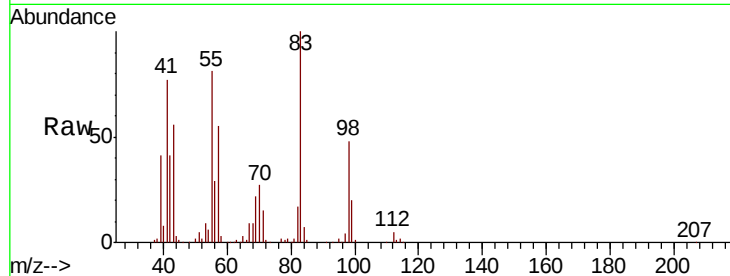
Tgt Ion	117	Resp	56145
Ion Ratio	100	Lower	Upper
119	3.9	77.0	115.6#
121	0.0	25.0	37.6#





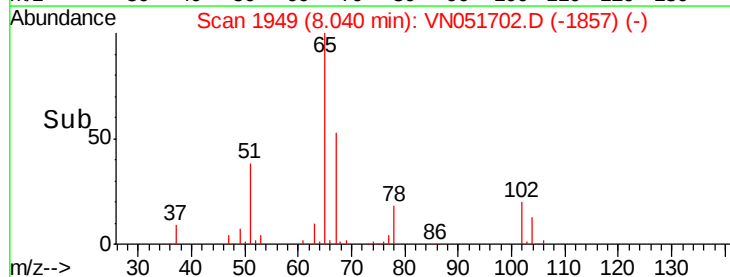
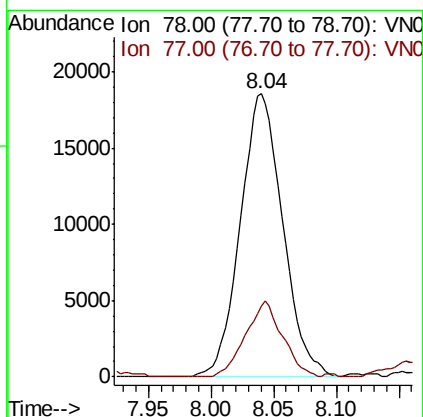
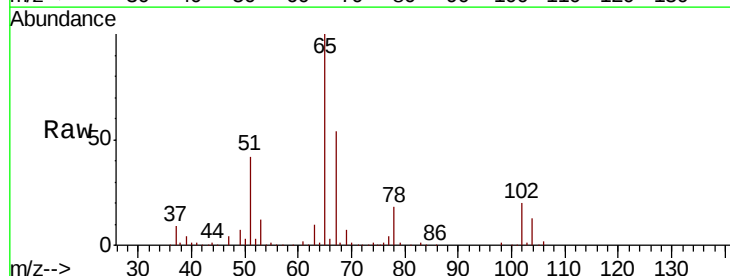
#39
Methvlcvclohexane
Concen: 25.306 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

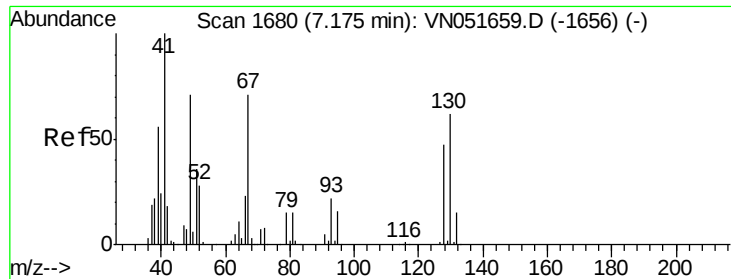
Tot Ion	83	Resp	299557
Ion	Ratio	Lower	Upper
83	100		
55	81.0	54.3	81.5
98	47.6	37.4	56.2



#40
Benzene
Concen: 1.563 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

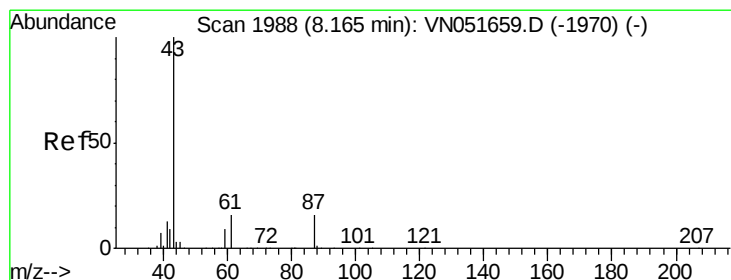
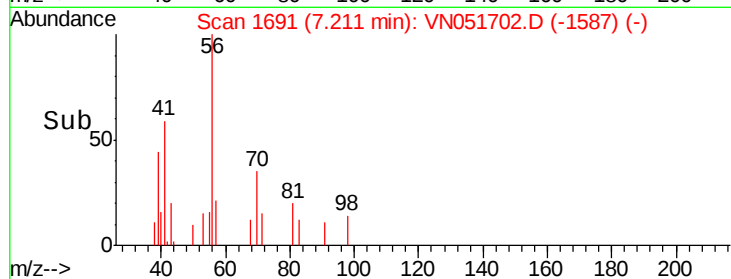
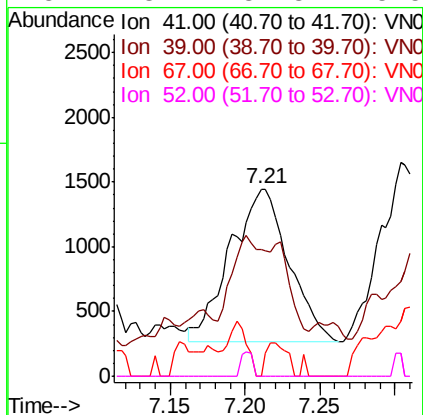
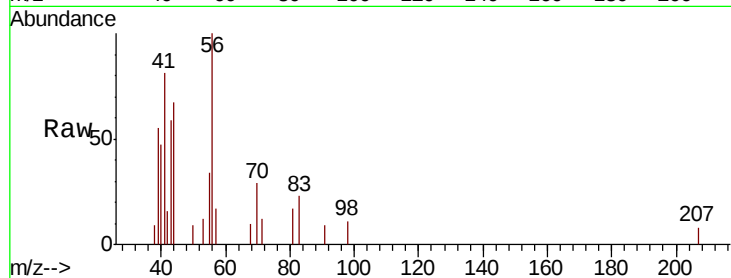
Tgt Ion	78	Resp	43695
Ion	Ratio	Lower	Upper
78	100		
77	25.0	18.5	27.7





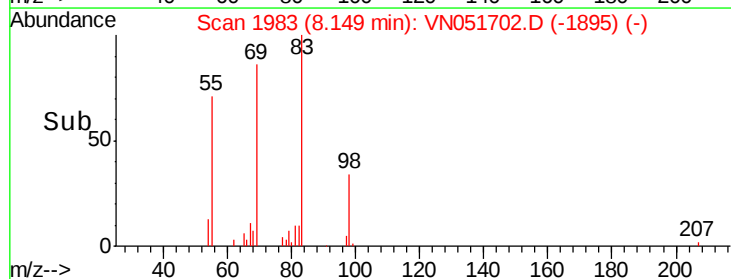
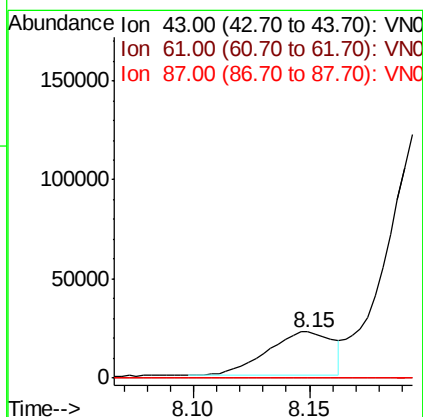
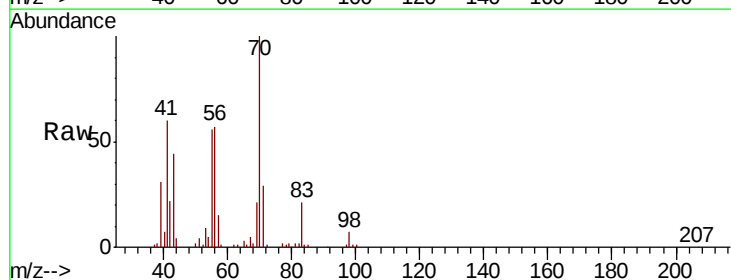
#41
Methacrylonitrile
Concen: 0.975 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.04 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

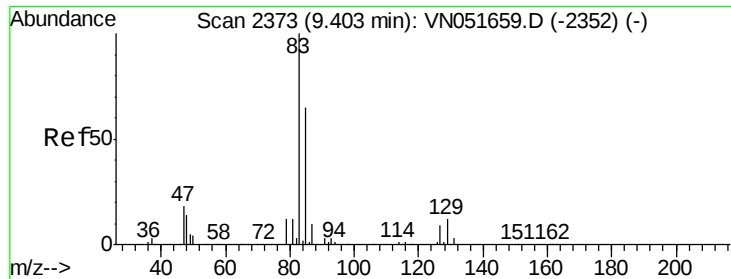
Tot Ion: 41 Resp: 3214
Ion Ratio Lower Upper
41 100
39 28.4 53.9 80.9#
67 0.0 78.1 117.1#
52 3.1 32.3 48.5#



#43
Isopropyl Acetate
Concen: 4.232 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. -0.02 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

Tgt Ion: 43 Resp: 43391
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.6#
87 0.0 12.6 19.0#





#47

Bromodichloromethane

Concen: 1.912 ug/l

RT: 9.37 min Scan# 2364

Delta R.T. -0.03 min

Lab File: VN051702.D

Acq: 5 Oct 2018 22:00

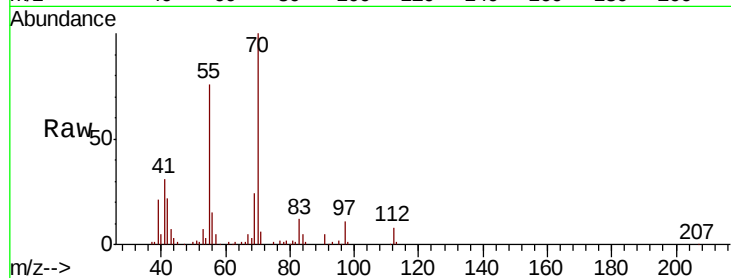
Tot Ion: 83 Resp: 20219

Ion Ratio Lower Upper

83 100

85 4.9 51.6 77.4#

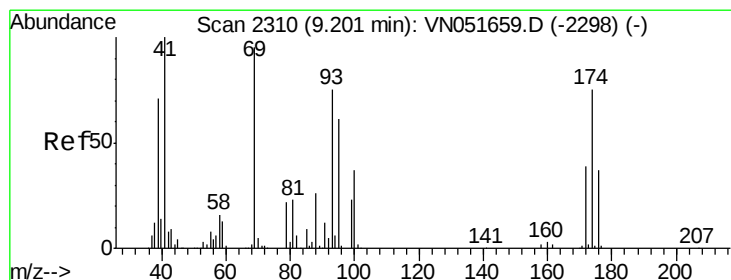
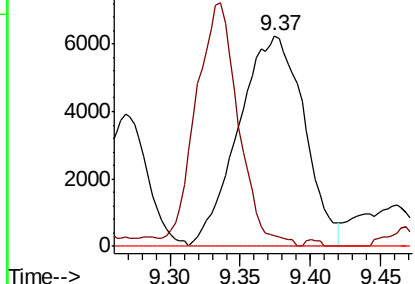
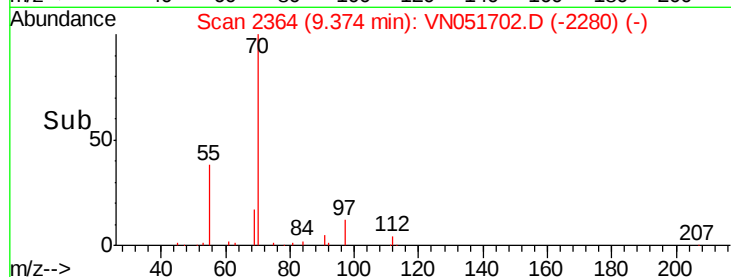
127 0.0 7.3 10.9#



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

Methyl methacrylate

Concen: 6.627 ug/l

RT: 9.22 min Scan# 2316

Delta R.T. 0.02 min

Lab File: VN051702.D

Acq: 5 Oct 2018 22:00

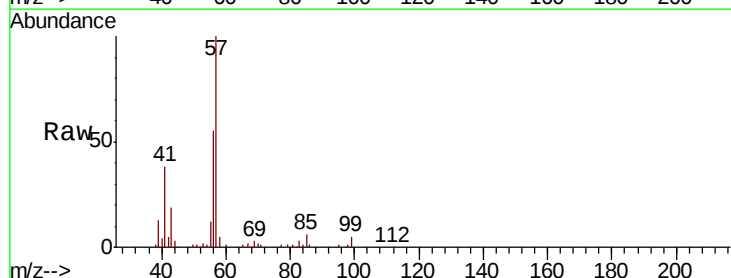
Tgt Ion: 41 Resp: 31053

Ion Ratio Lower Upper

41 100

69 0.0 78.6 118.0#

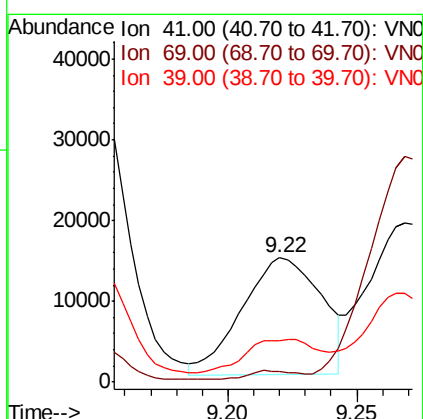
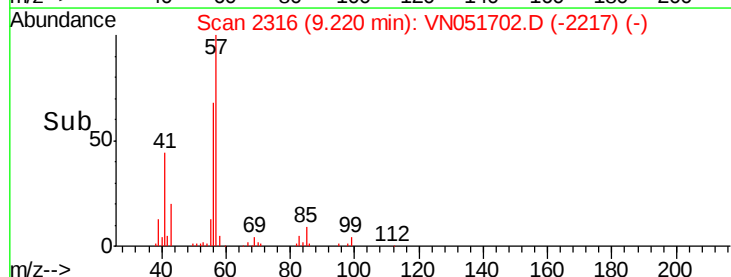
39 26.7 59.2 88.8#

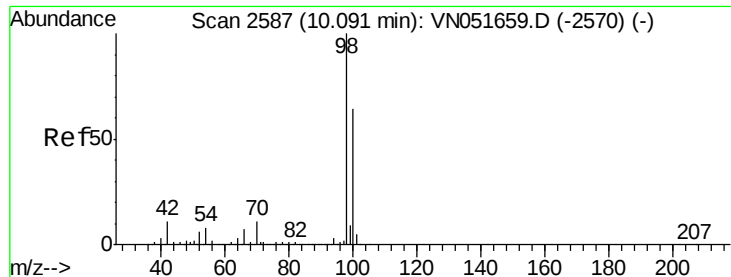


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

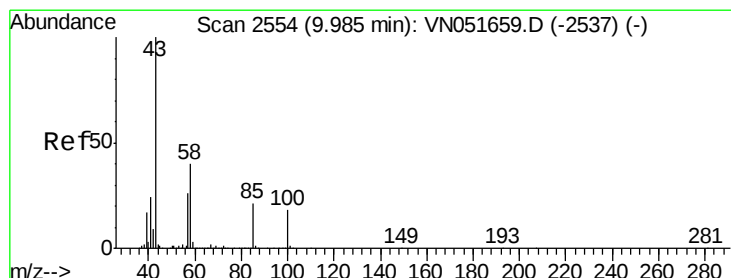
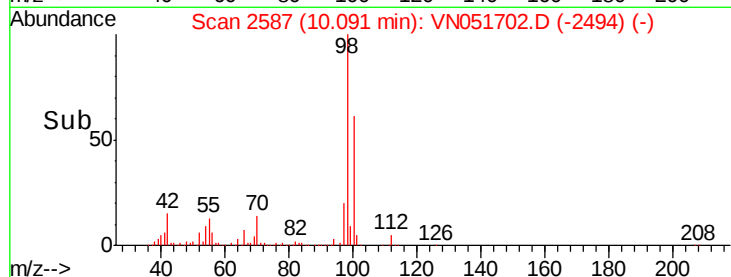
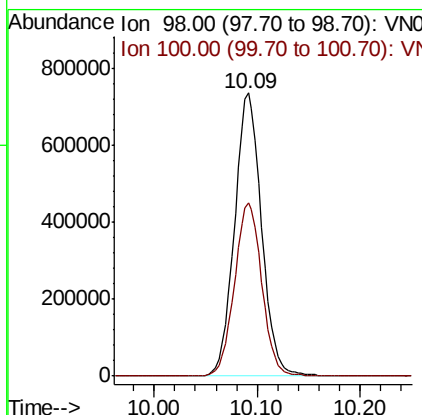
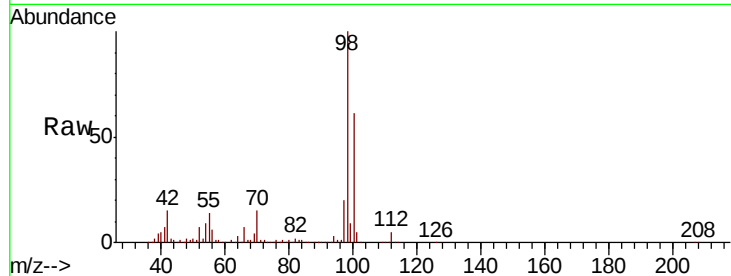
Ion 39.00 (38.70 to 39.70): VN0





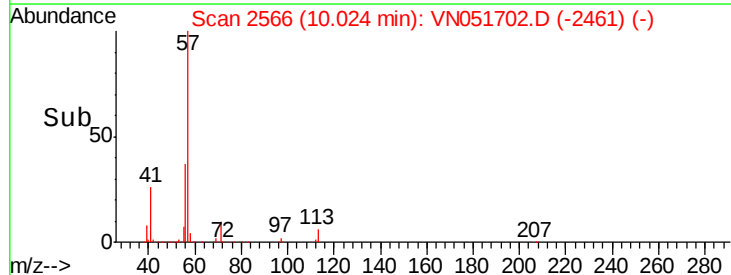
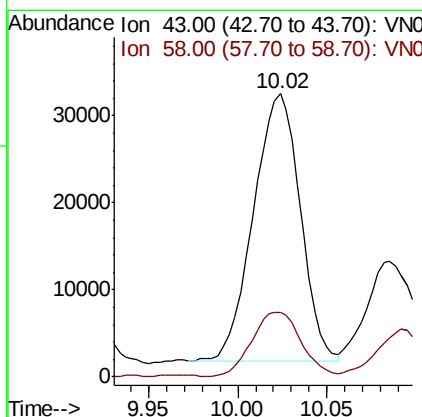
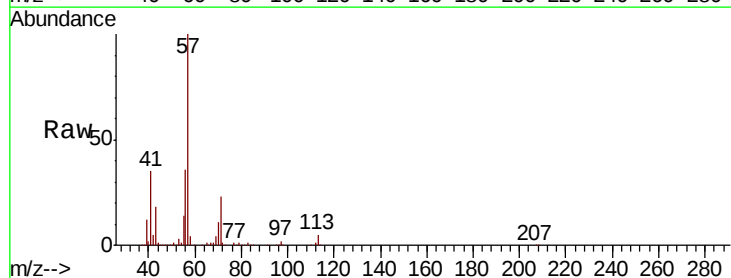
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

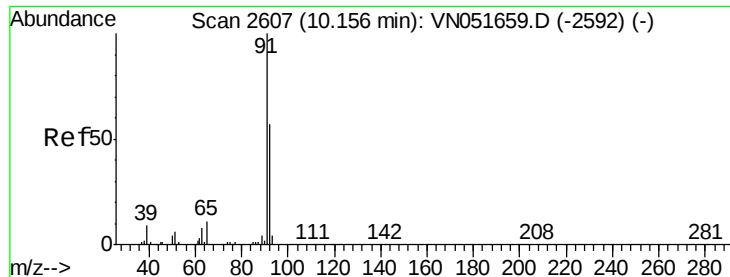
Tot Ion: 98 Resp: 1343249
Ion Ratio Lower Upper
98 100
100 62.0 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 10.842 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

Tgt Ion: 43 Resp: 56338
Ion Ratio Lower Upper
43 100
58 25.7 32.2 48.2#





#52

Toluene

Concen: 2.803 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051702.D

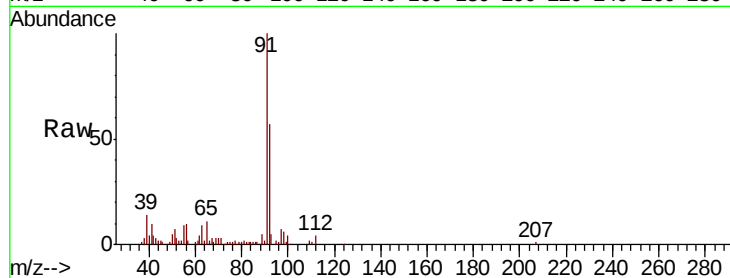
Acq: 5 Oct 2018 22:00

Tot Ion: 92 Resp: 52125

Ion Ratio Lower Upper

92 100

91 177.7 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN051702.D (-2514) (-)

Ion 91.00 (90.70 to 91.70): VN051702.D (-2514) (-)

60000

50000

40000

30000

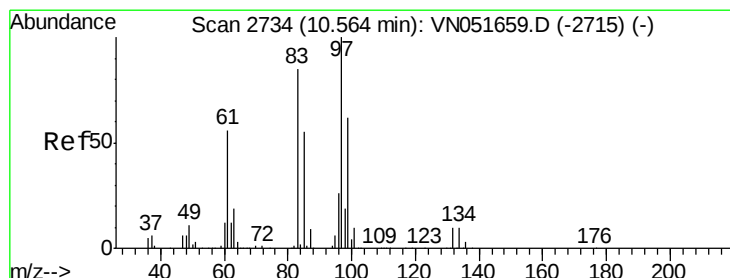
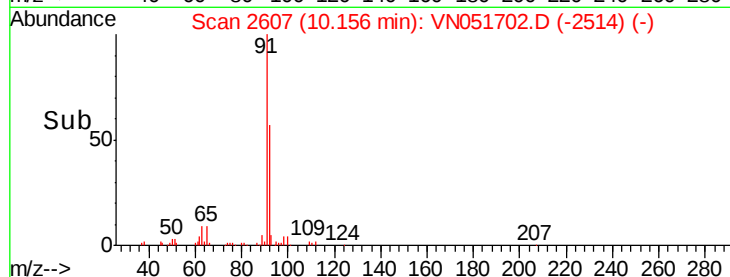
20000

10000

0

10.10 10.15 10.20 10.25

Time-->



#55

1,1,2-Trichloroethane

Concen: 21.279 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN051702.D

Acq: 5 Oct 2018 22:00

Tgt Ion: 97 Resp: 140946

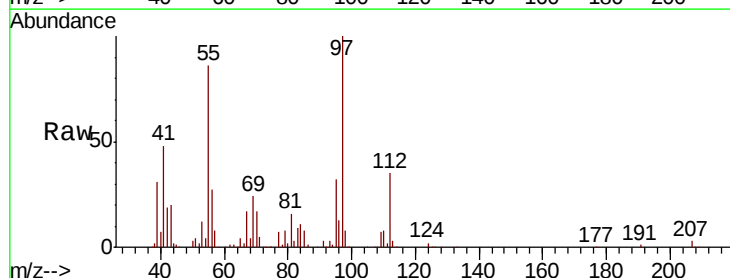
Ion Ratio Lower Upper

97 100

83 7.1 68.1 102.1#

85 7.8 43.6 65.4#

99 0.5 49.4 74.0#



Abundance Ion 96.90 (96.60 to 97.60): VN051702.D (-2641) (-)

Ion 82.90 (82.60 to 83.60): VN051702.D (-2641) (-)

Ion 84.90 (84.60 to 85.60): VN051702.D (-2641) (-)

Ion 98.90 (98.60 to 99.60): VN051702.D (-2641) (-)

120000

100000

80000

60000

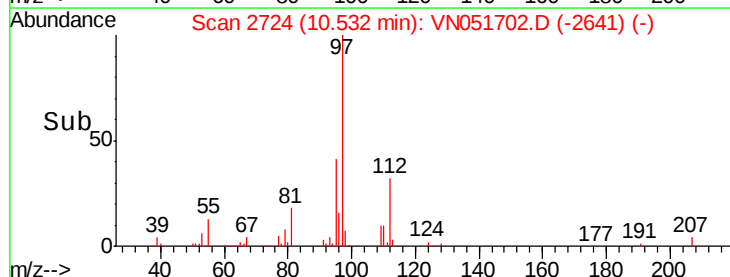
40000

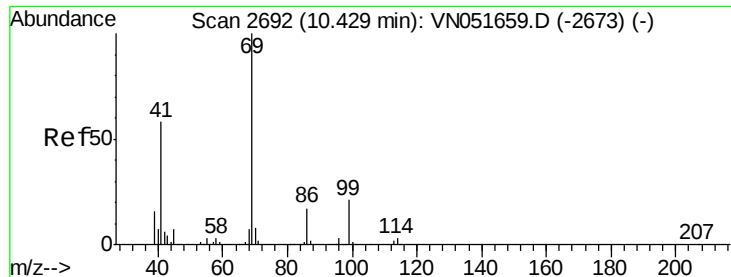
20000

0

10.45 10.50 10.55 10.60

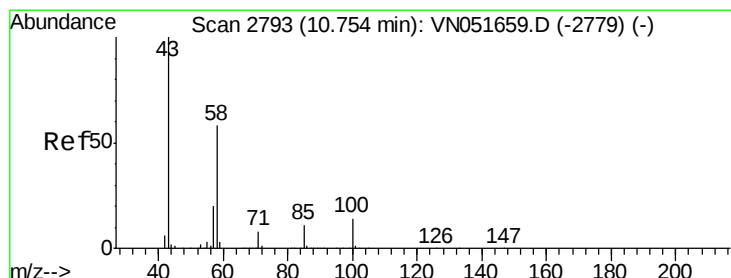
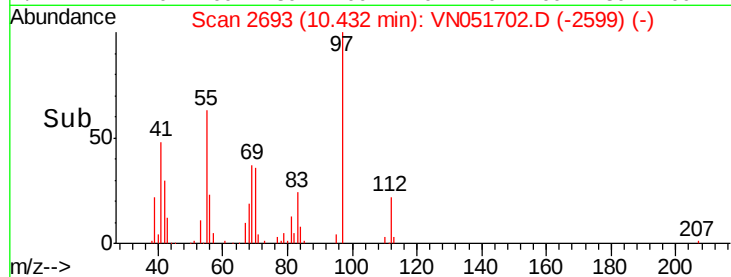
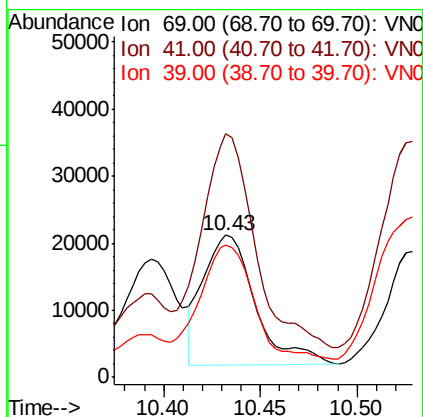
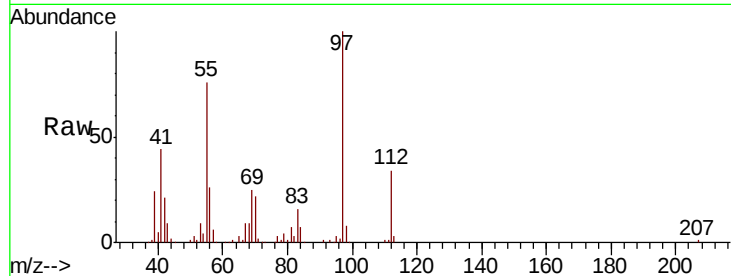
Time-->





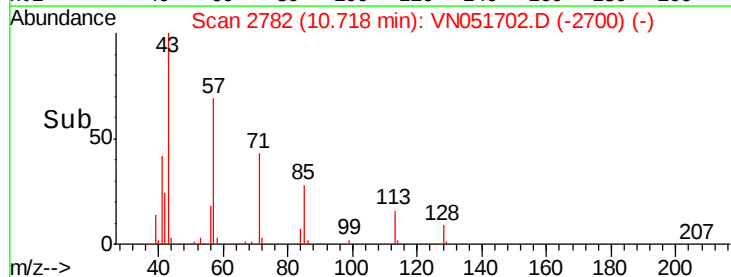
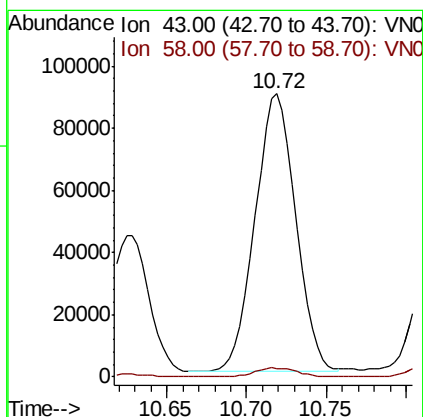
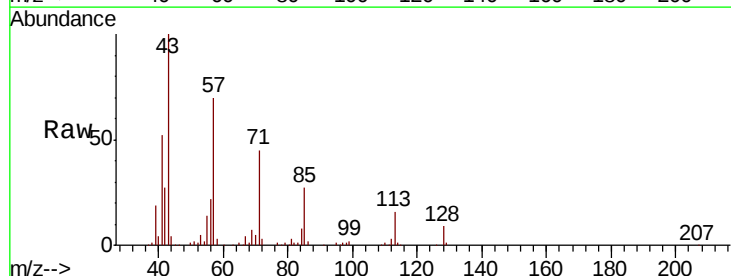
#56
Ethyl methacrylate
Concen: 4.369 ug/l
RT: 10.43 min Scan# 2693
Delta R.T. 0.00 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

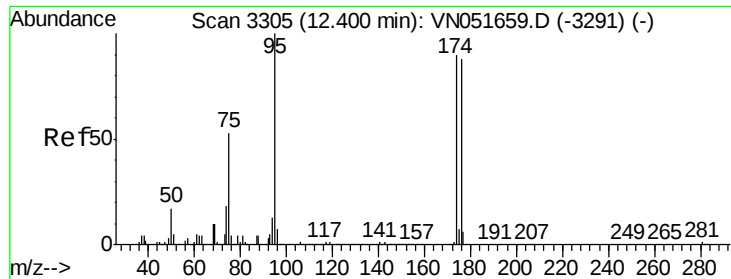
Tot Ion	69	Resp	36595
Ion	Ratio	Lower	Upper
69	100		
41	167.1	46.4	69.6#
39	89.2	32.4	48.6#



#59
2-Hexanone
Concen: 44.427 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.04 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

Tgt Ion	43	Resp	156776
Ion	Ratio	Lower	Upper
43	100		
58	3.5	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: VN051702.D

Acq: 5 Oct 2018 22:00

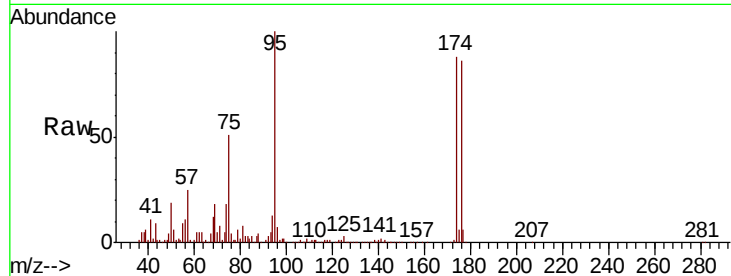
Tot Ion: 95 Resp: 485429

Ion Ratio Lower Upper

95 100

174 90.5 0.0 182.8

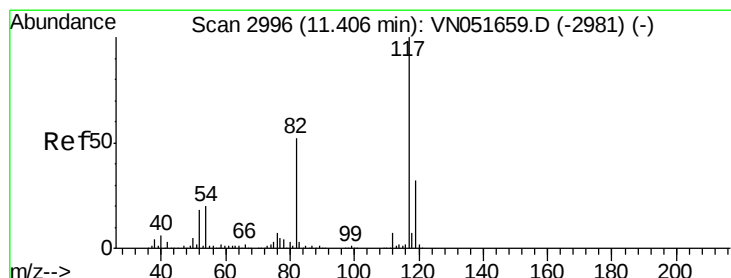
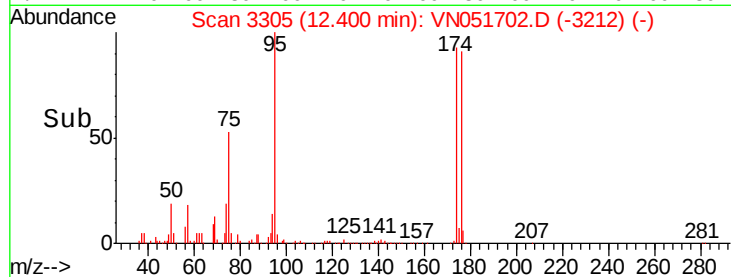
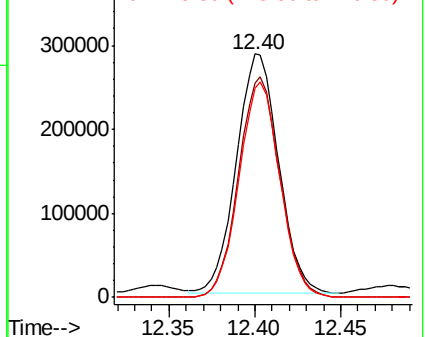
176 87.7 0.0 176.4



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: VN051702.D

Acq: 5 Oct 2018 22:00

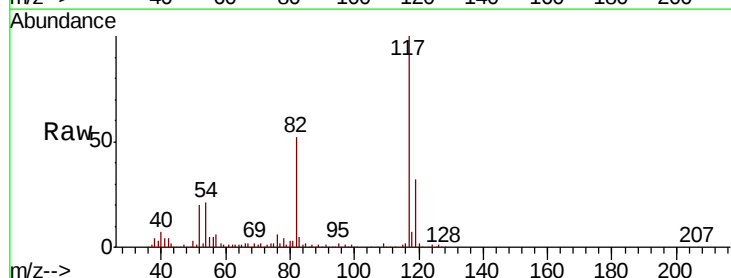
Tgt Ion: 117 Resp: 875425

Ion Ratio Lower Upper

117 100

82 50.7 41.3 61.9

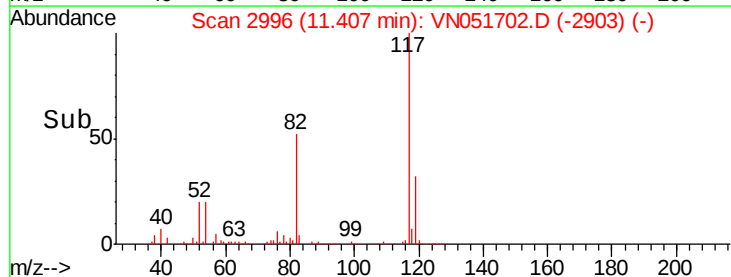
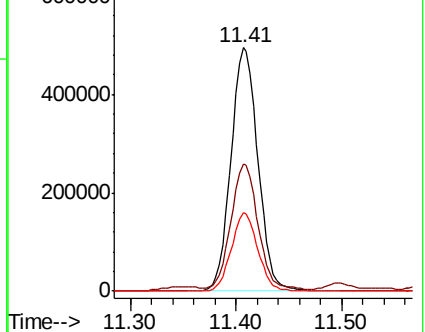
119 32.1 25.9 38.9

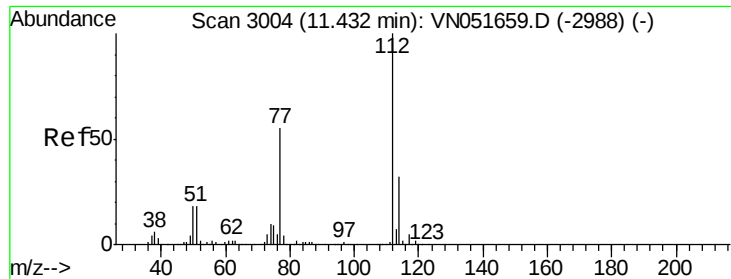


Abundance Ion 116.90 (116.60 to 117.60): VN051659.D (-2981) (-)

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

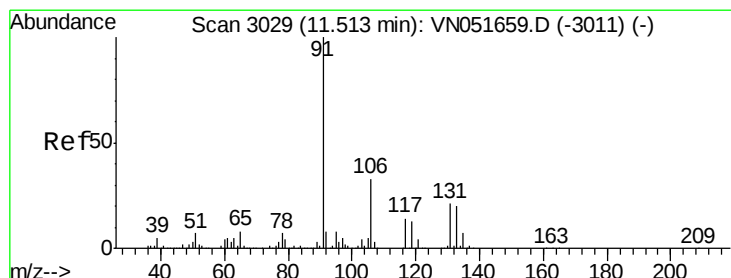
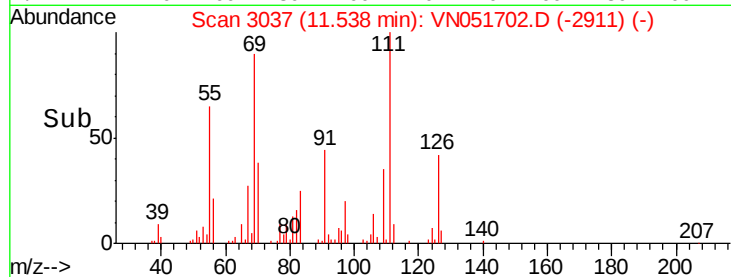
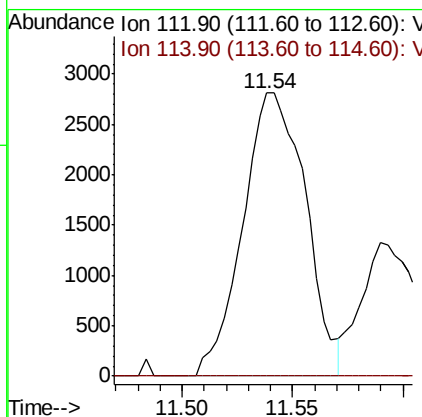
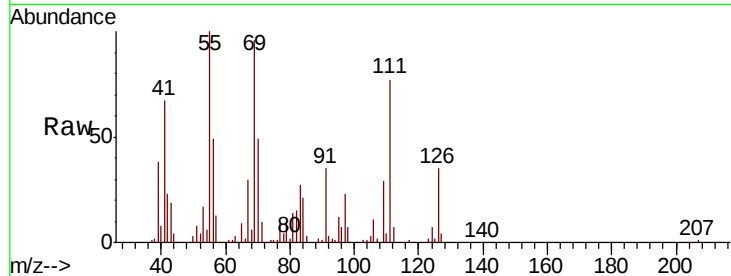
Ion 118.90 (118.60 to 119.60): VN051659.D (-2981) (-)





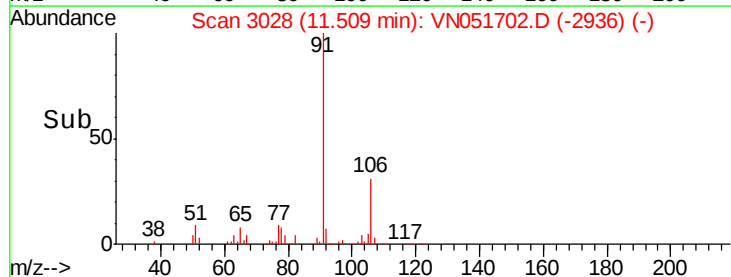
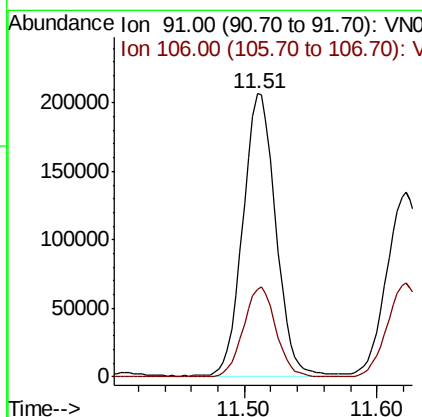
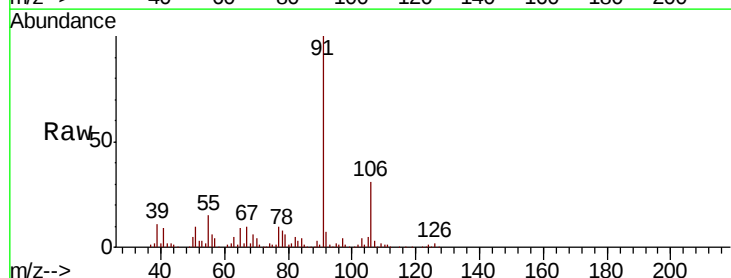
#65
Chlorobenzene
Concen: 0.256 ug/l
RT: 11.54 min Scan# 3037
Delta R.T. 0.11 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

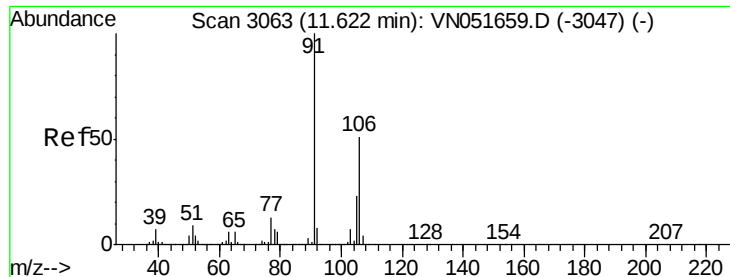
Tot Ion: 112 Resp: 5552
Ion Ratio Lower Upper
112 100
114 0.0 25.9 38.9#



#67
Ethyl Benzene
Concen: 9.430 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

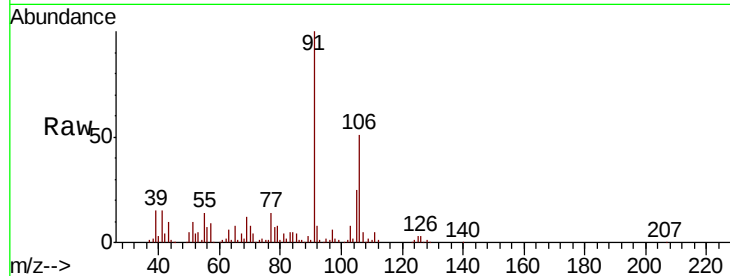
Tgt Ion: 91 Resp: 353396
Ion Ratio Lower Upper
91 100
106 31.2 26.0 39.0



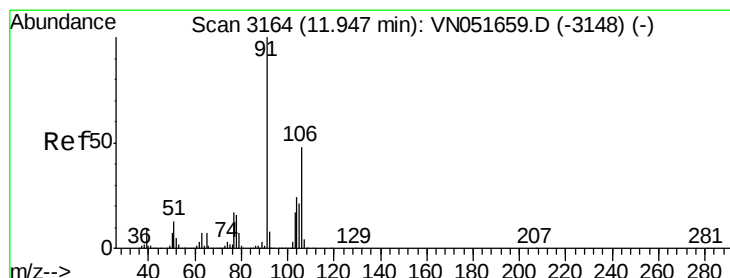
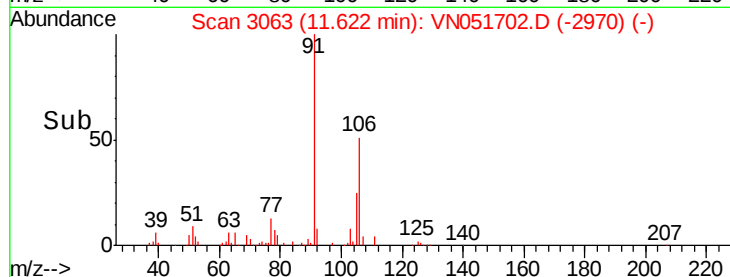
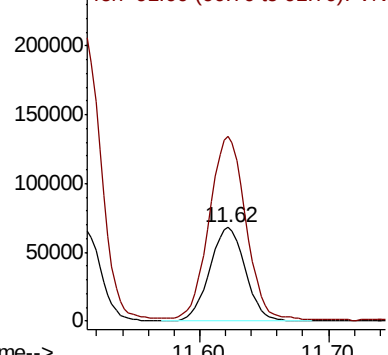


#68
m/p-Xylenes
Concen: 8.728 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

Tot Ion:106 Resp: 130864
Ion Ratio Lower Upper
106 100
91 199.9 158.4 237.6

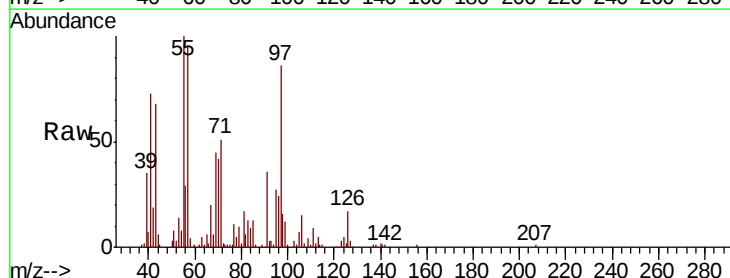


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

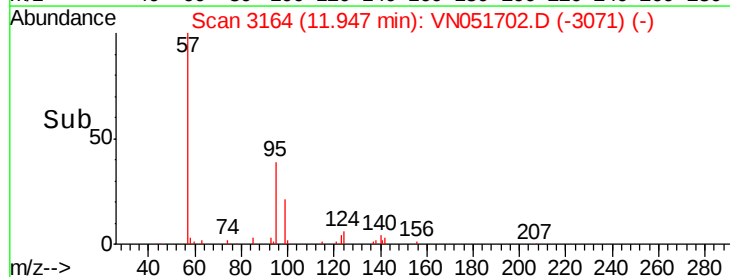
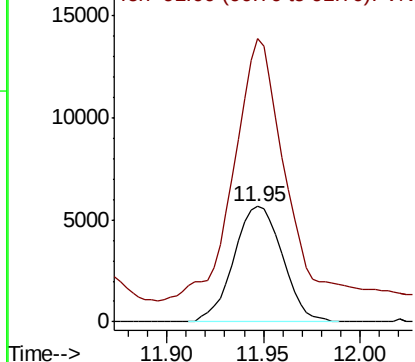


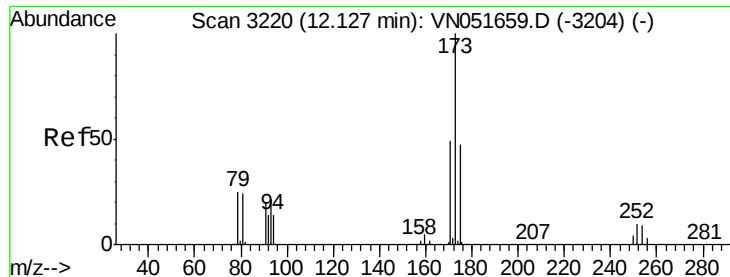
#69
o-Xylene
Concen: 0.673 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

Tgt Ion:106 Resp: 9894
Ion Ratio Lower Upper
106 100
91 242.2 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 0.626 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN051702.D

Acq: 5 Oct 2018 22:00

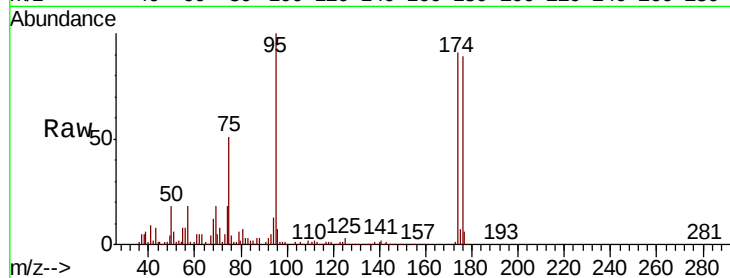
Tot Ion:173 Resp: 4043

Ion Ratio Lower Upper

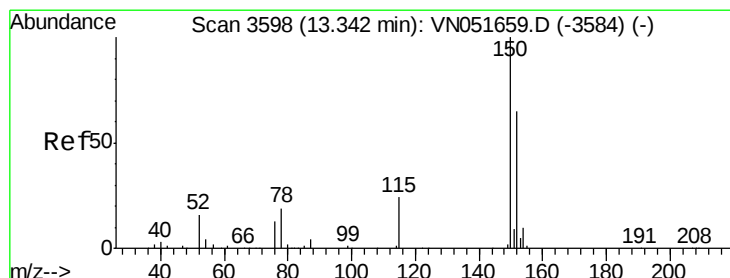
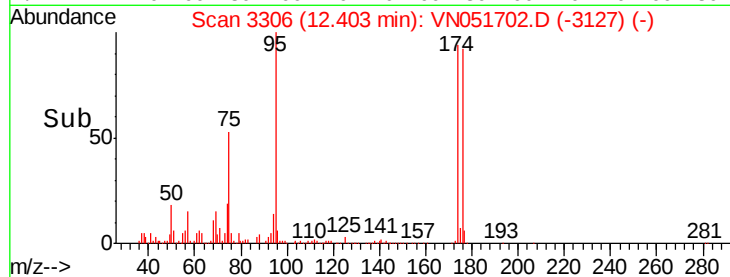
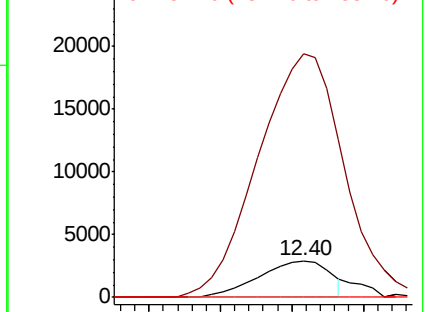
173 100

175 697.4 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: VN051702.D

Acq: 5 Oct 2018 22:00

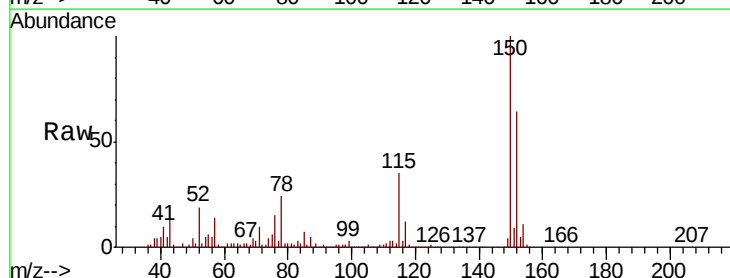
Tgt Ion:152 Resp: 501971

Ion Ratio Lower Upper

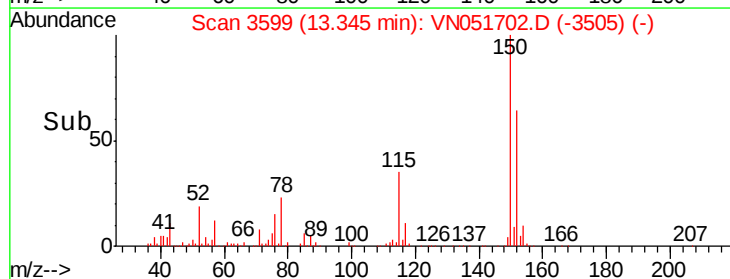
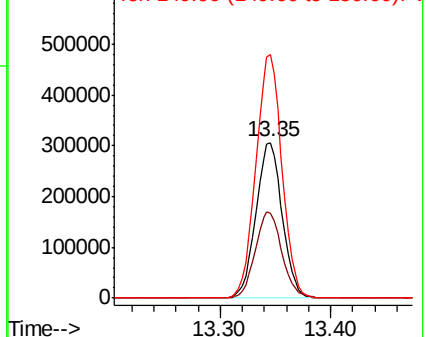
152 100

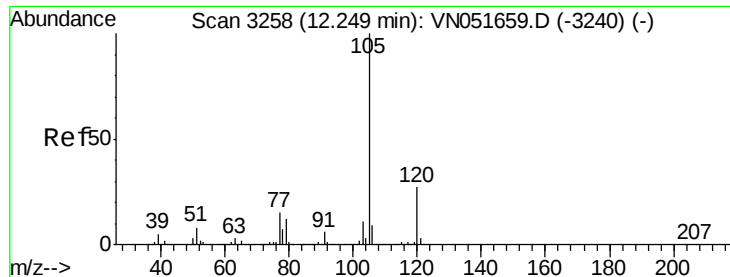
115 56.1 28.6 85.8

150 155.9 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: 1.461 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051702.D

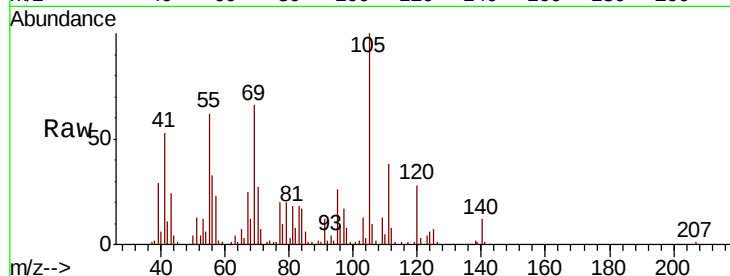
Acq: 5 Oct 2018 22:00

Tot Ion: 105 Resp: 62516

Ion Ratio Lower Upper

105 100

120 28.7 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

40000

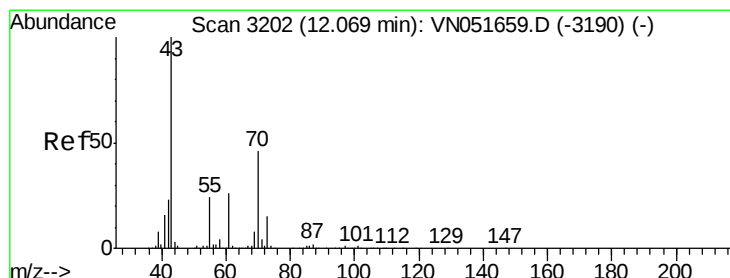
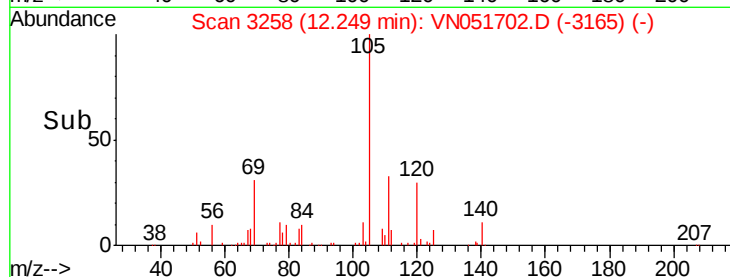
30000

20000

10000

0

Time-->



#74

N-ethyl acetate

Concen: 14.332 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.02 min

Lab File: VN051702.D

Acq: 5 Oct 2018 22:00

Tgt Ion: 43 Resp: 147456

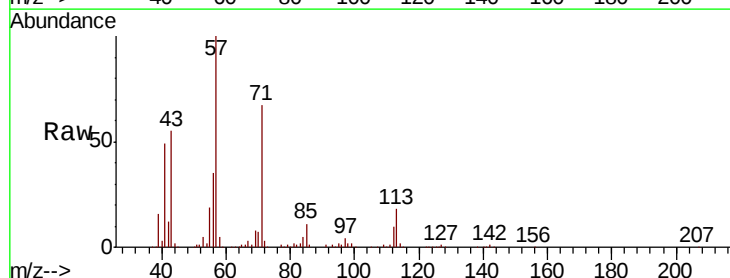
Ion Ratio Lower Upper

43 100

70 10.4 37.1 55.7#

55 9.0 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

12.04

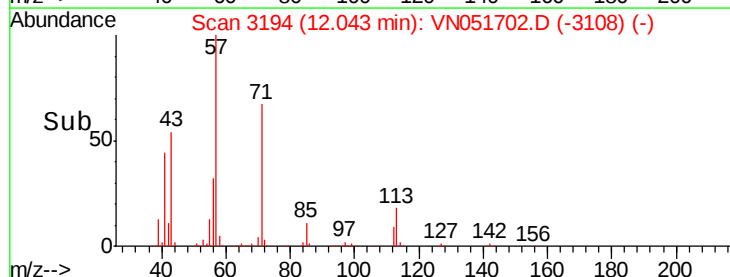
150000

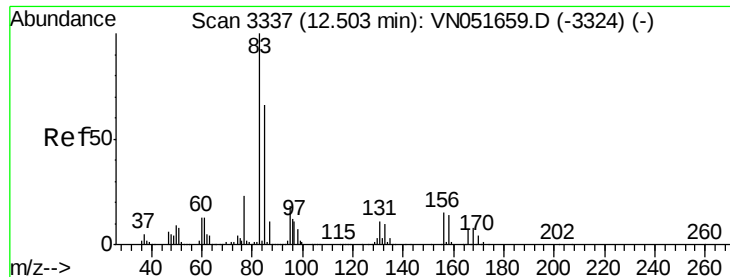
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.56 min Scan# 3355

Delta R.T. 0.06 min

Lab File: VN051702.D

Acq: 5 Oct 2018 22:00

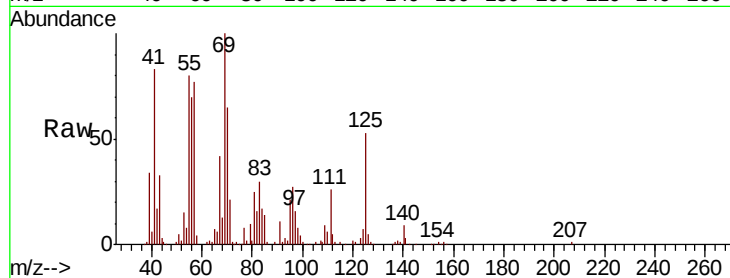
Tot Ion: 83 Resp: 26635

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

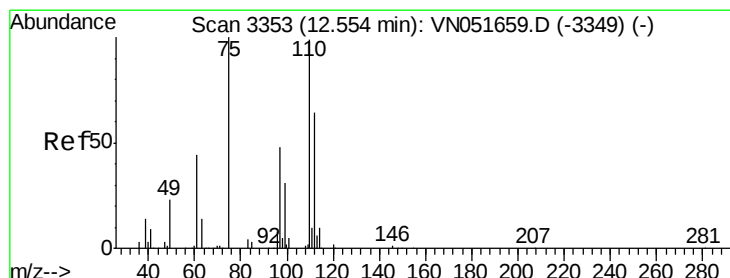
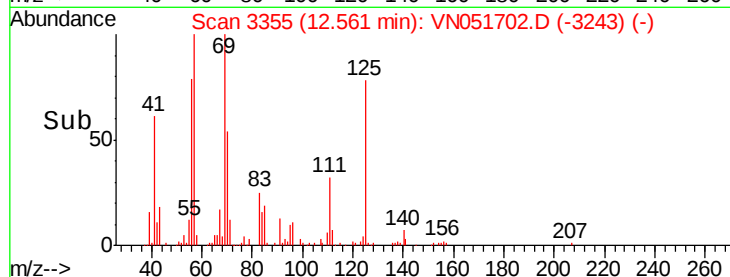
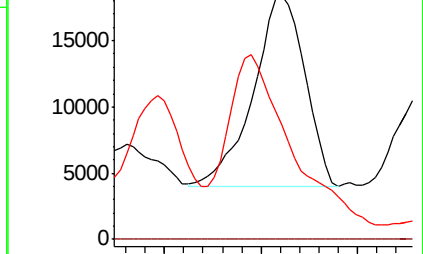
85 106.8 33.0 98.9#



Abundance Ion 82.90 (82.60 to 83.60): VN051702.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN051702.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN051702.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 39.796 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051702.D

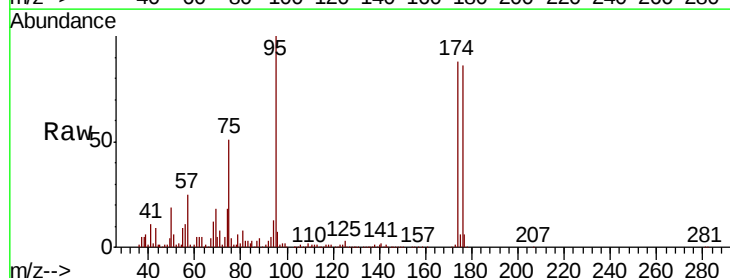
Acq: 5 Oct 2018 22:00

Tgt Ion: 75 Resp: 253436

Ion Ratio Lower Upper

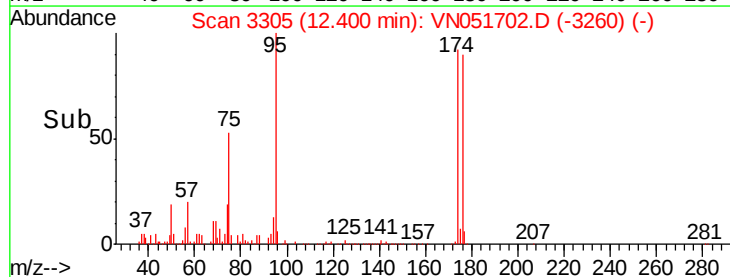
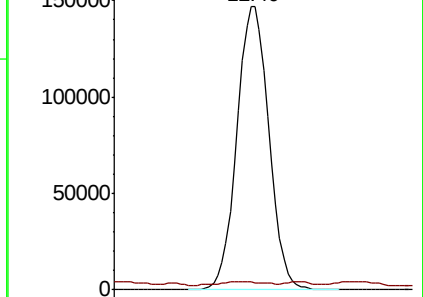
75 100

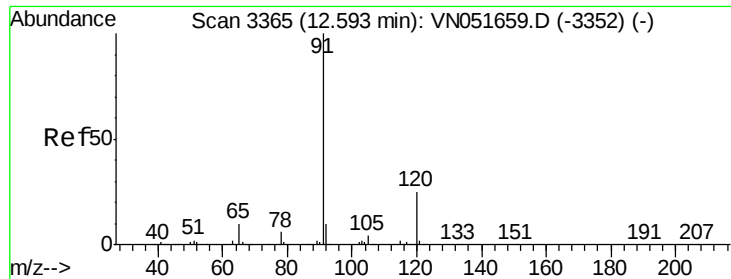
77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN051702.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN051702.D (-3260) (-)





#78

n-propylbenzene

Concen: 8.720 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051702.D

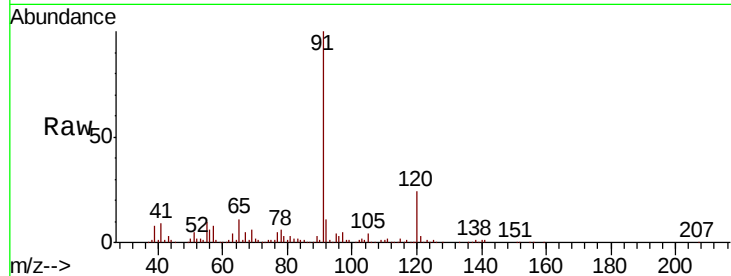
Acq: 5 Oct 2018 22:00

Tot Ion: 91 Resp: 406990

Ion Ratio Lower Upper

91 100

120 23.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN051702.D (-3272) (-)

Ion 120.00 (119.70 to 120.70): VN051702.D (-3272) (-)

12.59

250000

200000

150000

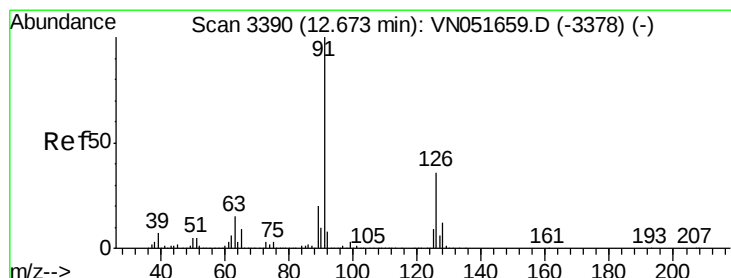
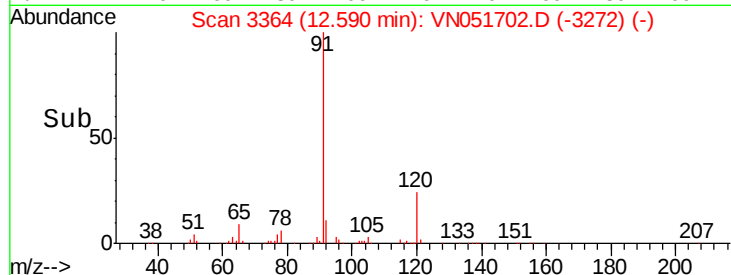
100000

50000

0

Time-->

12.50 12.55 12.60 12.65



#79

2-Chlorotoluene

Concen: 14.796 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.08 min

Lab File: VN051702.D

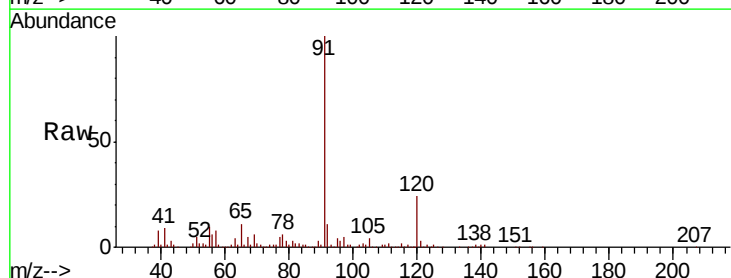
Acq: 5 Oct 2018 22:00

Tgt Ion: 91 Resp: 406990

Ion Ratio Lower Upper

91 100

126 0.0 18.5 55.5#



Abundance Ion 91.00 (90.70 to 91.70): VN051702.D (-3297) (-)

Ion 125.90 (125.60 to 126.60): VN051702.D (-3297) (-)

12.59

250000

200000

150000

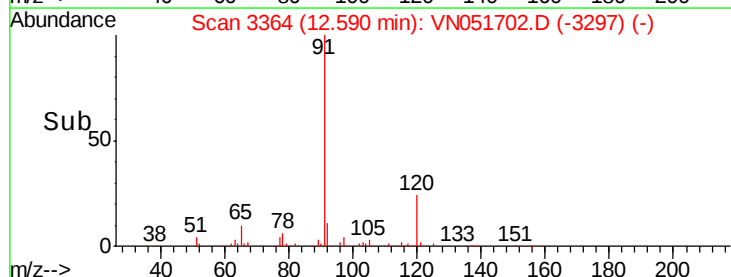
100000

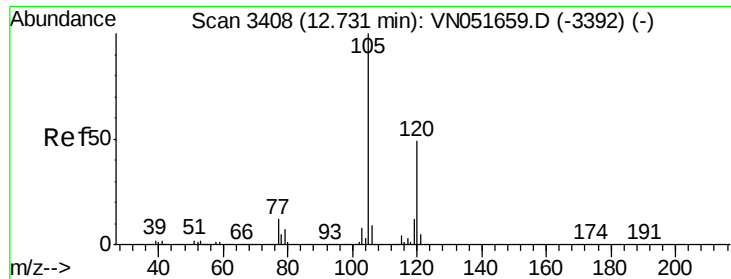
50000

0

Time-->

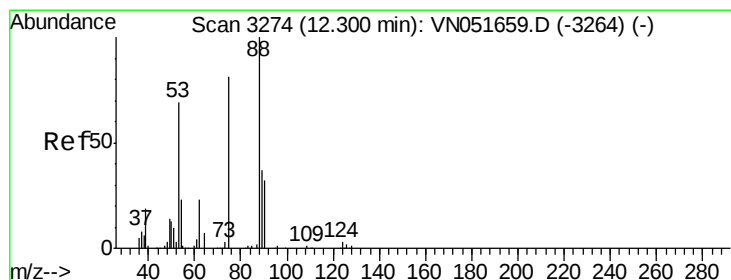
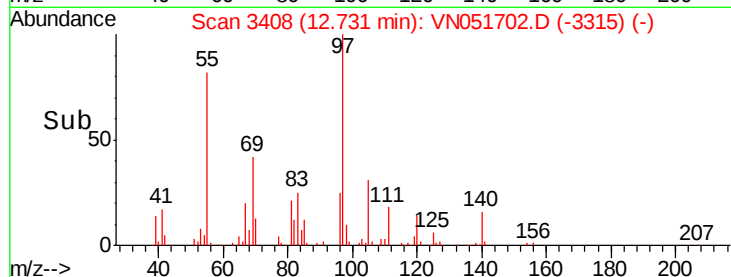
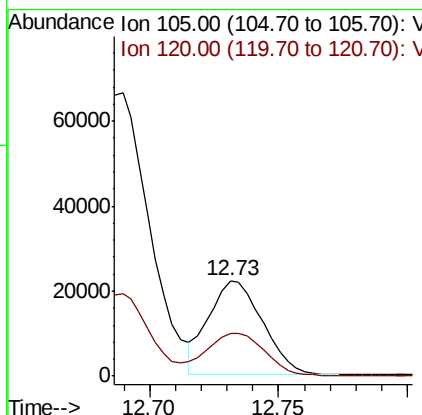
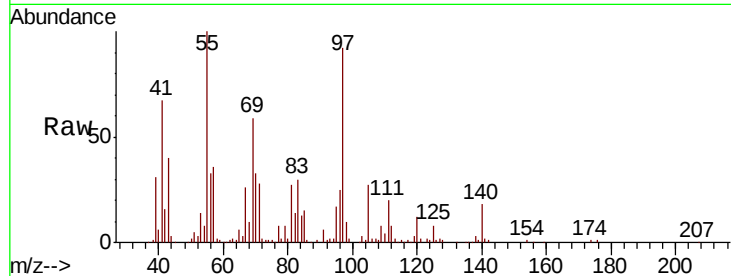
12.50 12.55 12.60 12.65





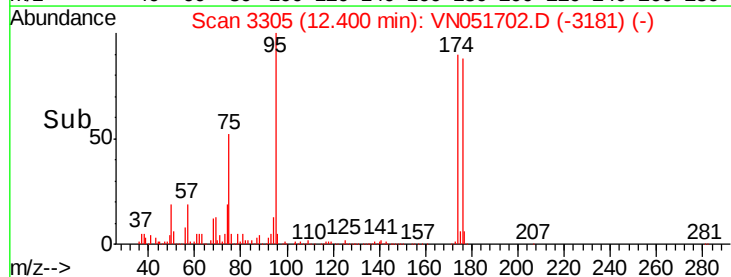
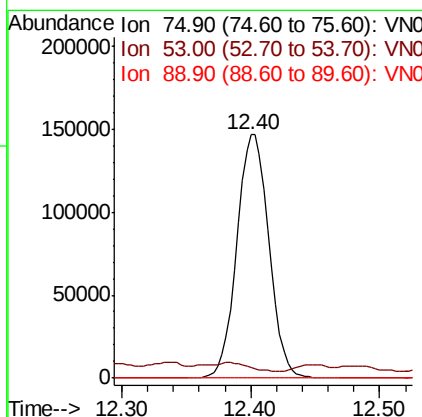
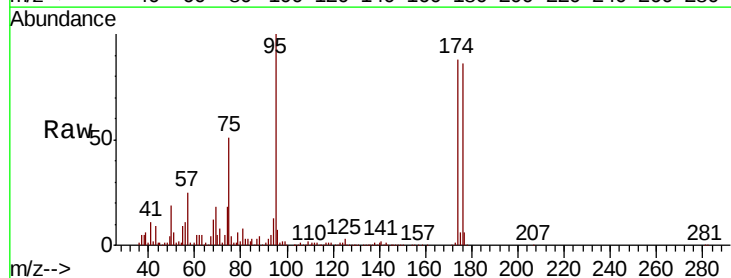
#80
1,3,5-Trimethylbenzene
Concen: 0.880 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

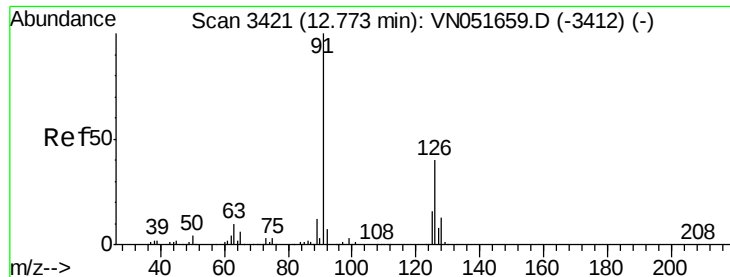
Tot Ion:105 Resp: 31722
Ion Ratio Lower Upper
105 100
120 51.3 24.6 74.0



#81
trans-1,4-Dichloro-2-butene
Concen: 92.807 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

Tgt Ion: 75 Resp: 253436
Ion Ratio Lower Upper
75 100
53 3.0 68.6 102.8#
89 0.0 39.4 59.2#





#82

4-Chlorotoluene

Concen: 14.729 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.18 min

Lab File: VN051702.D

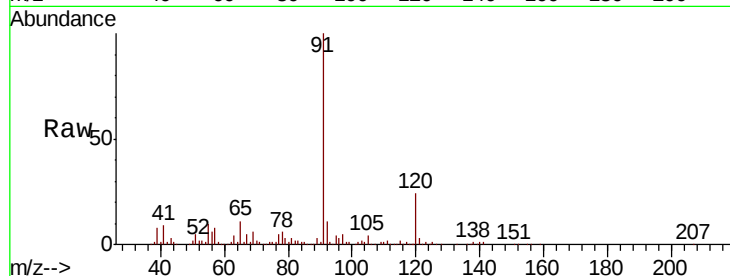
Acq: 5 Oct 2018 22:00

Tot Ion: 91 Resp: 406990

Ion Ratio Lower Upper

91 100

126 0.0 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VN051702.D (-3328) (-)

Ion 125.90 (125.60 to 126.60): VN051702.D (-3328) (-)

12.59

250000

200000

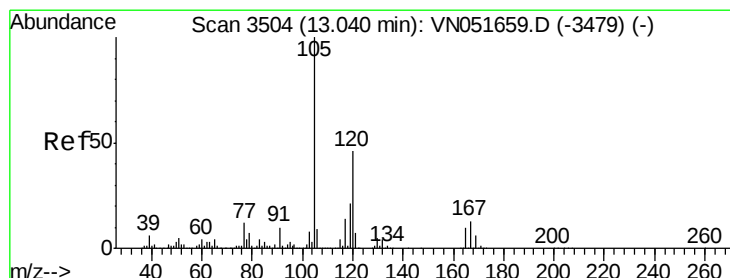
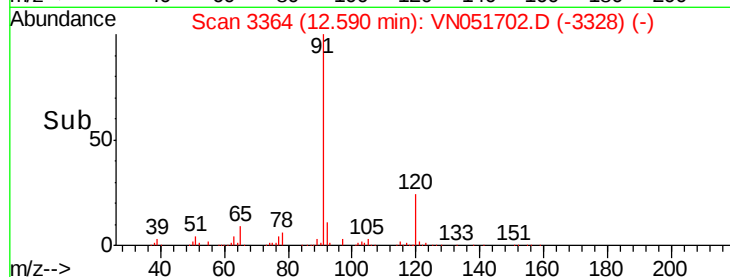
150000

100000

50000

0

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 2.526 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051702.D

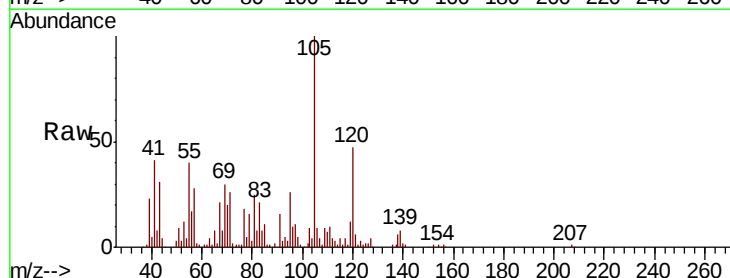
Acq: 5 Oct 2018 22:00

Tgt Ion: 105 Resp: 91226

Ion Ratio Lower Upper

105 100

120 47.2 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): VN051702.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN051702.D (-3411) (-)

13.04

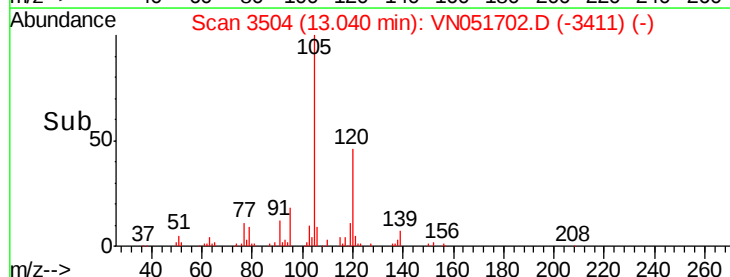
60000

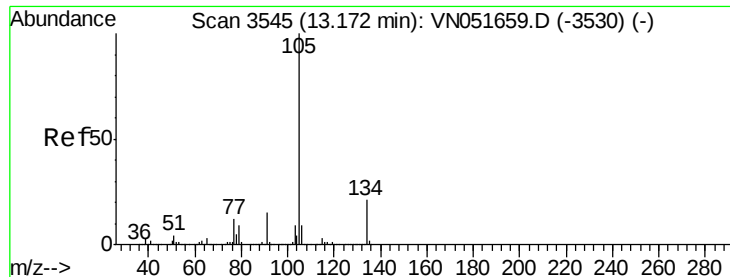
40000

20000

0

Time-->





#85

sec-Butylbenzene

Concen: 3.558 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051702.D

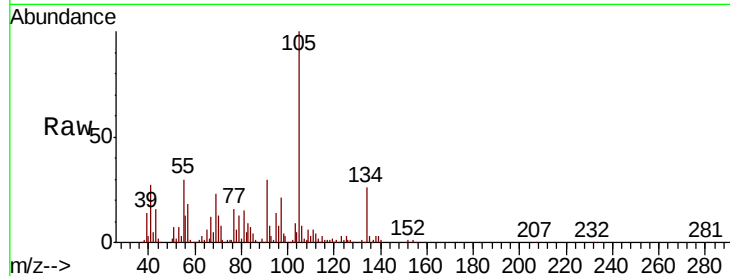
Acq: 5 Oct 2018 22:00

Tot Ion:105 Resp: 152074

Ion Ratio Lower Upper

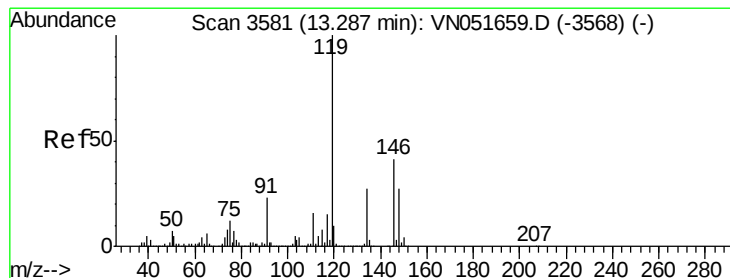
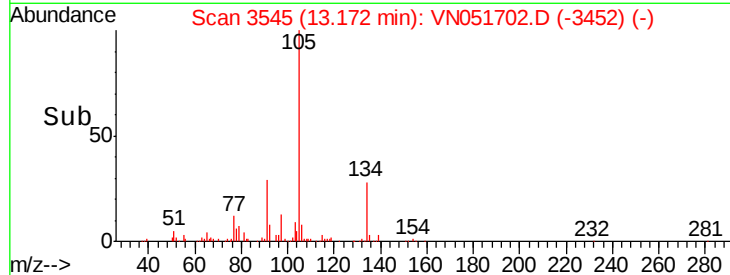
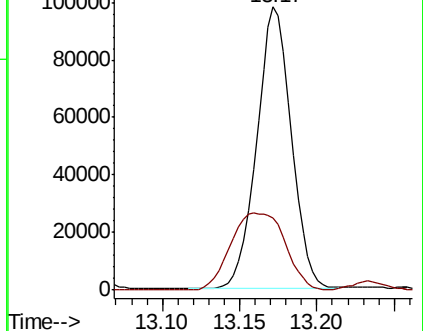
105 100

134 42.9 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: 0.409 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051702.D

Acq: 5 Oct 2018 22:00

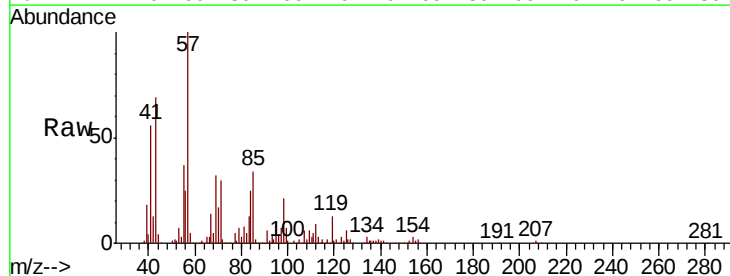
Tgt Ion:119 Resp: 15508

Ion Ratio Lower Upper

119 100

134 25.0 13.4 40.2

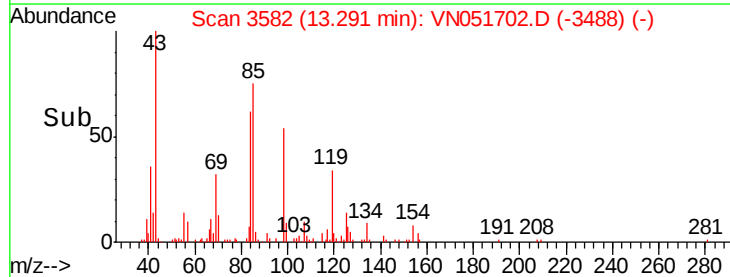
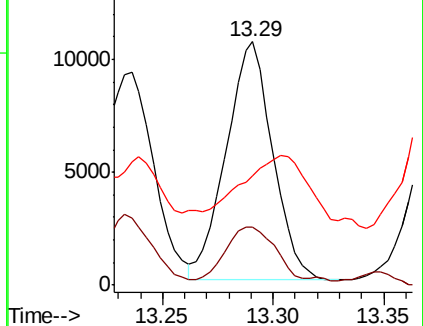
91 47.0 11.7 35.1#

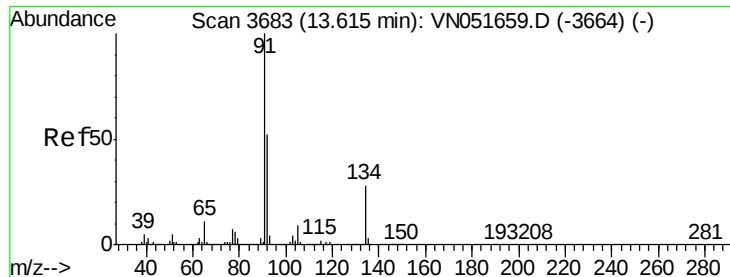


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

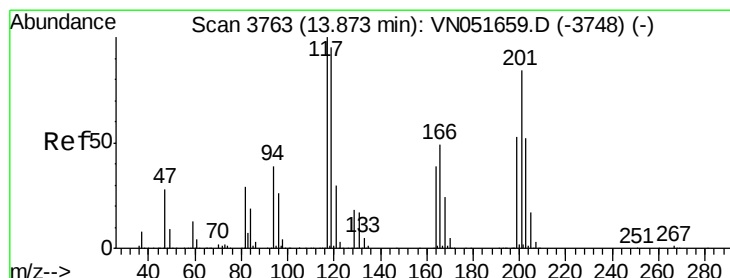
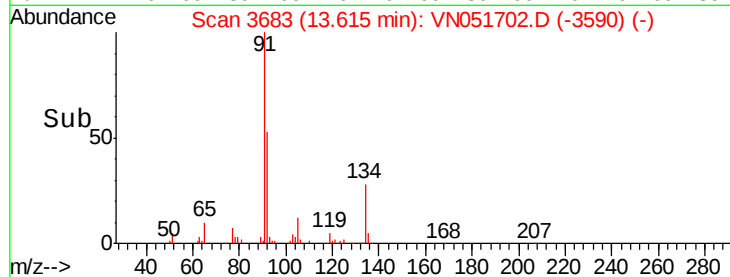
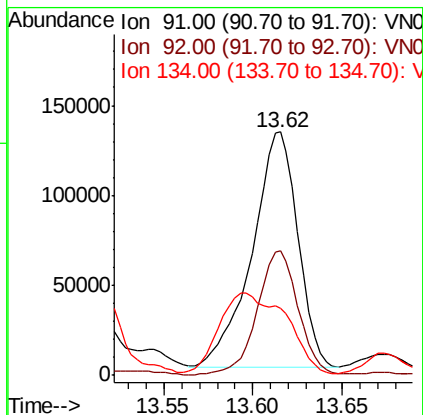
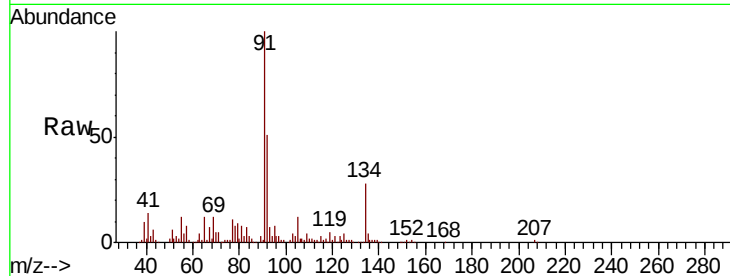
Ion 91.00 (90.70 to 91.70): V





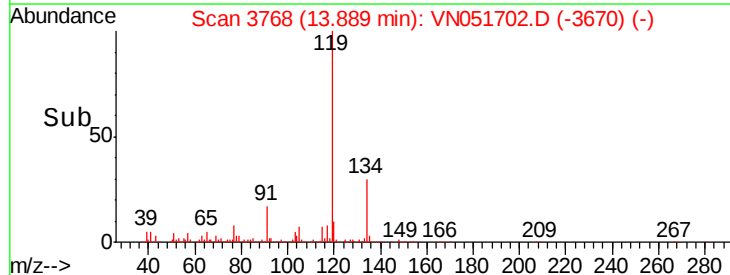
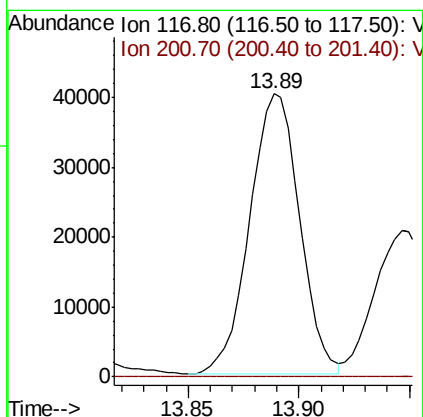
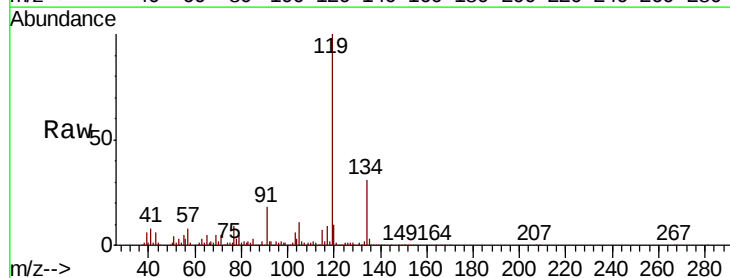
#89
n-Butylbenzene
Concen: 7.831 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

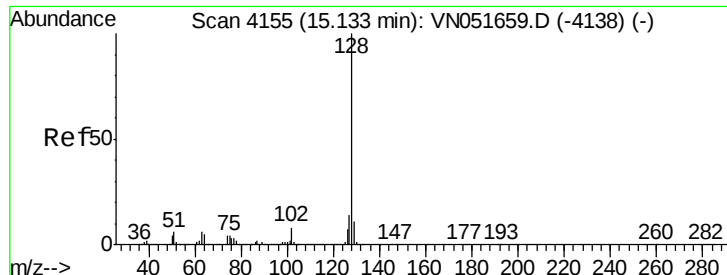
Tot Ion: 91 Resp: 234601
Ion Ratio Lower Upper
91 100
92 46.9 26.0 78.0
134 50.0 14.2 42.6#



#90
Hexachloroethane
Concen: 8.334 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

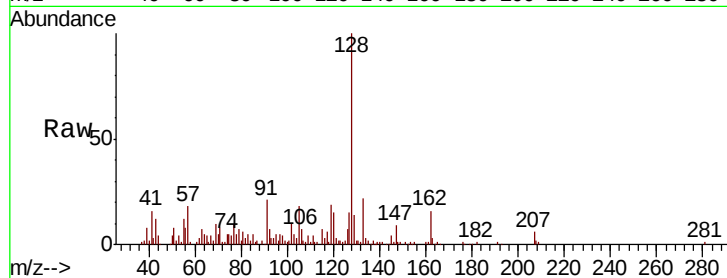
Tgt Ion: 117 Resp: 63007
Ion Ratio Lower Upper
117 100
201 0.0 42.4 127.3#





#95
Naphthalene
Concen: 5.082 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051702.D
Acq: 5 Oct 2018 22:00

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.6	15.8#
129	15.5	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

