

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\
 Data File : VN051706.D
 Acq On : 5 Oct 2018 23:39
 Operator : MD\SY
 Sample : J5084-03 10X
 Misc : 5.82g/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 36 Sample Multiplier: 28

Quant Time: Oct 06 01:23:11 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	658191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	953277	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	837680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	359131	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	397700	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
35) Dibromofluoromethane	7.59	113	360398	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	10.09	98	1361173	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.40	95	394191	40.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.00%	
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.08	85	36	1.153	ug/l #	42
7) Trichlorofluoromethane	2.99	101	66	Below Cal	#	58
13) Acrolein	3.62	56	288	0.780	ug/l #	14
14) Allyl chloride	4.54	41	17428	1.864	ug/l #	59
15) Acrylonitrile	5.05	53	4455	2.185	ug/l #	20
16) Acetone	3.79	43	3125	Below Cal	#	44
18) Methyl Acetate	4.59	43	154126	32.115	ug/l #	48
25) 2-Butanone	6.83	43	945	0.376	ug/l #	44
29) Tetrahydrofuran	7.21	42	437	0.284	ug/l #	28
31) Cyclohexane	7.65	56	44109	3.737	ug/l #	82
36) 1,1-Dichloropropene	7.66	75	44095	4.425	ug/l #	49
38) Carbon Tetrachloride	7.67	117	59116	4.944	ug/l #	16
39) Methylcyclohexane	9.08	83	55229	4.416	ug/l	94
41) Methacrylonitrile	7.19	41	632	Below Cal	#	13
43) Isopropyl Acetate	8.15	43	7398	0.683	ug/l #	59
48) Methyl methacrylate	9.22	41	3926	0.793	ug/l #	15
51) 4-Methyl-2-Pentanone	10.02	43	5161	0.940	ug/l #	84
52) Toluene	10.16	92	25772	1.312	ug/l	90
55) 1,1,2-Trichloroethane	10.53	97	13728	1.962	ug/l #	21
67) Ethyl Benzene	11.51	91	251148	7.004	ug/l	99
68) m/p-Xylenes	11.62	106	184108	12.832	ug/l	98
69) o-Xylene	11.95	106	38591	2.743	ug/l	97
71) Bromoform	12.40	173	3247	0.526	ug/l #	1
73) Isopropylbenzene	12.25	105	47478	1.551	ug/l	98
74) N-amyl acetate	12.04	43	2905	Below Cal	#	46
75) 1,1,2,2-Tetrachloroethane	12.50	83	418	Below Cal	#	42
76) 1,2,3-Trichloropropane	12.40	75	216371	48.353	ug/l #	100
78) n-propylbenzene	12.59	91	188161	5.635	ug/l	99
79) 2-Chlorotoluene	12.66	91	21925	1.114	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.73	105	146663	5.685	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	216371	110.749	ug/l #	14
82) 4-Chlorotoluene	12.73	91	15193	0.769	ug/l #	39
83) tert-Butylbenzene	13.04	119	71039	3.073	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.04	105	583404	22.576	ug/l	99

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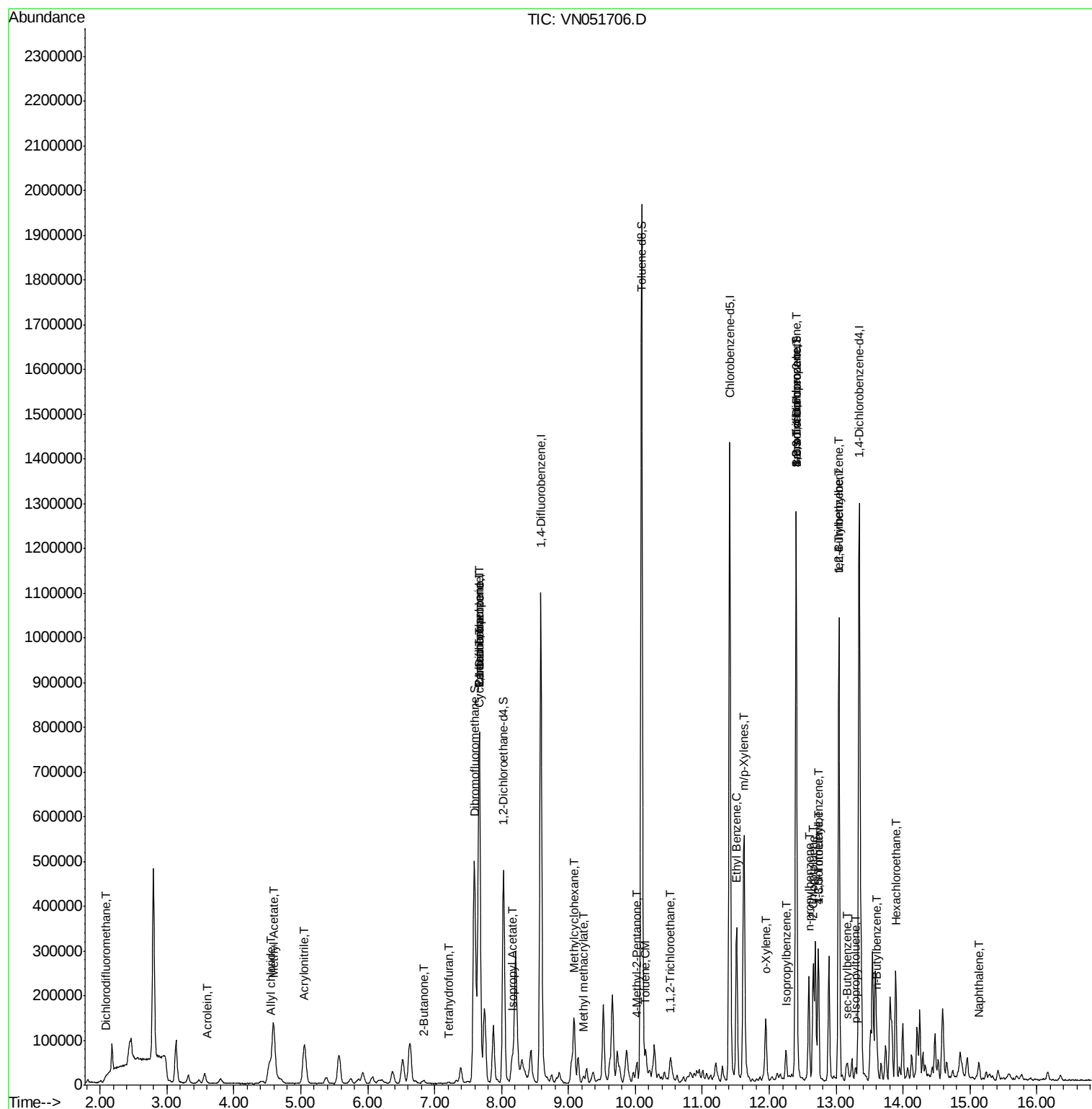
Quant Time: Oct 06 01:23:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration

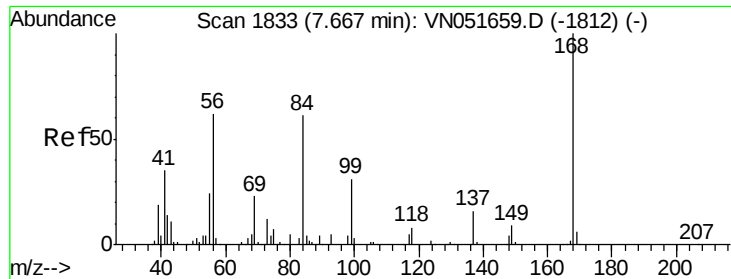
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.17	105	23203	0.759	ug/l #	67
86) p-Isopropyltoluene	13.29	119	10494	0.387	ug/l	91
89) n-Butylbenzene	13.62	91	31796	1.483	ug/l #	72
90) Hexachloroethane	13.89	117	13513	2.498	ug/l #	7
95) Naphthalene	15.13	128	28910	2.320	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051706.D

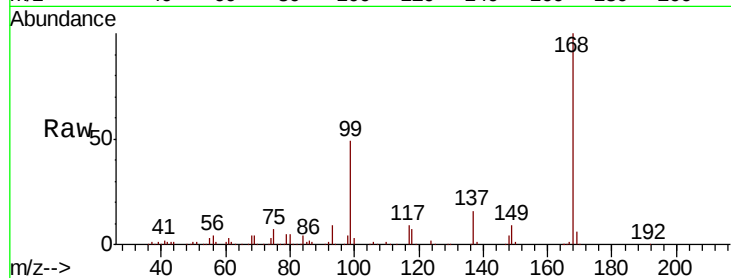
Acq: 5 Oct 2018 23:39

Tot Ion:168 Resp: 658191

Ion Ratio Lower Upper

168 100

99 48.7 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

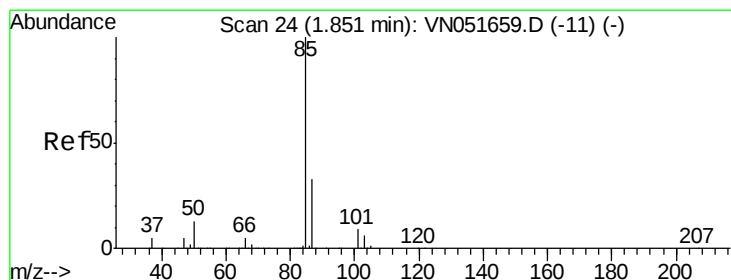
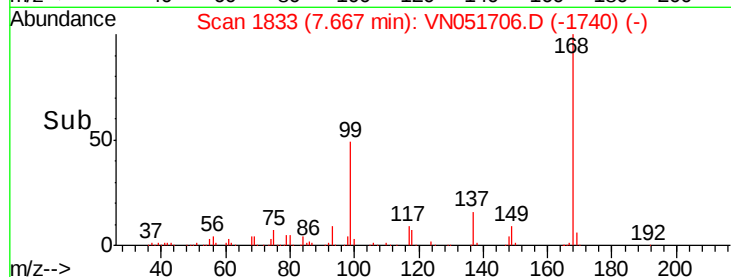
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 1.153 ug/l

RT: 2.08 min Scan# 95

Delta R.T. 0.23 min

Lab File: VN051706.D

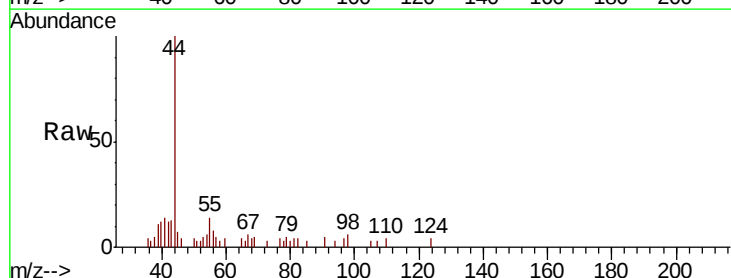
Acq: 5 Oct 2018 23:39

Tgt Ion: 85 Resp: 36

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

2.08

200

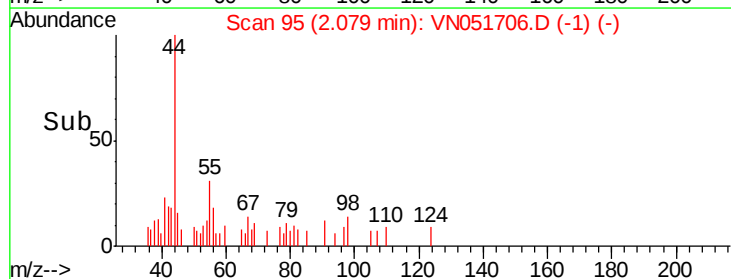
150

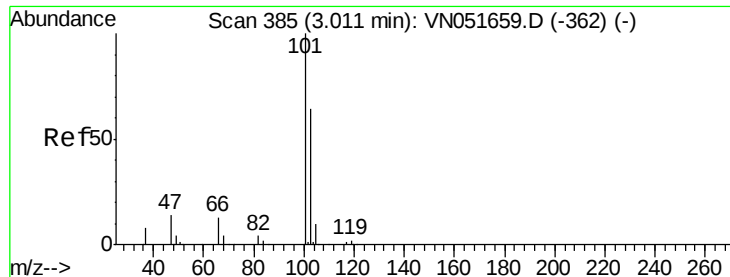
100

50

0

Time--> 2.07 2.08 2.09

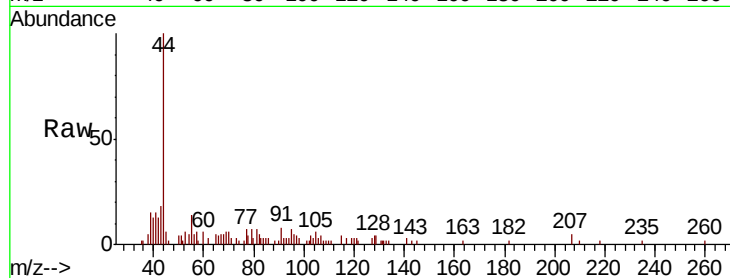




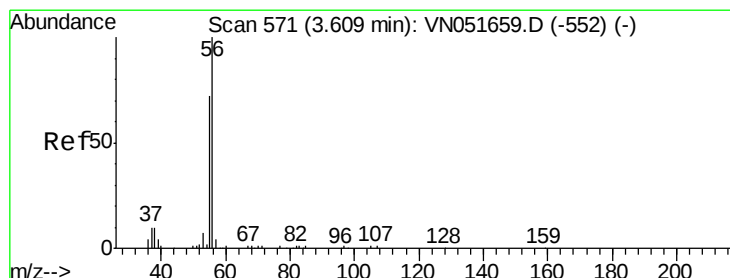
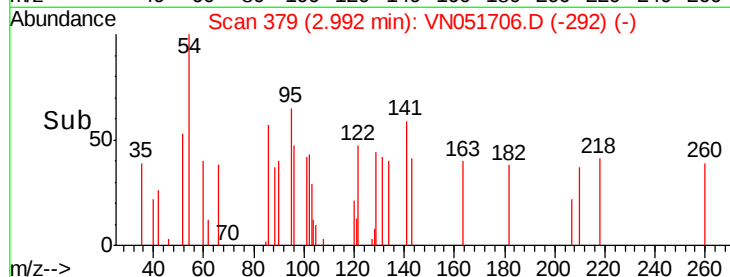
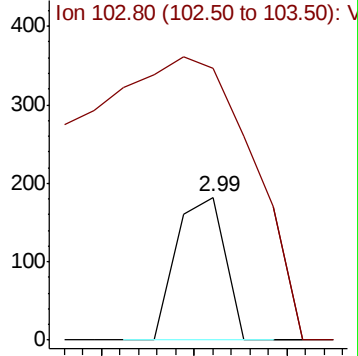
#7

Trichlorofluoromethane
Concen: Below Cal
RT: 2.99 min Scan# 379
Delta R.T. -0.02 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

Tot Ion	Ratio	Lower	Upper
101	100		
103	96.7	51.1	76.7#



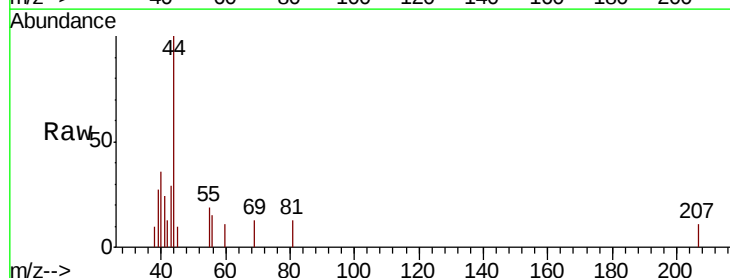
Abundance Ion 100.90 (100.60 to 101.60): V



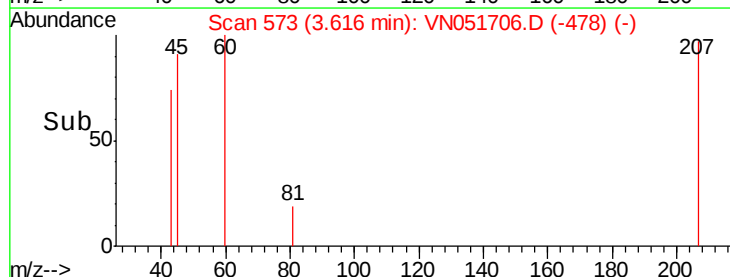
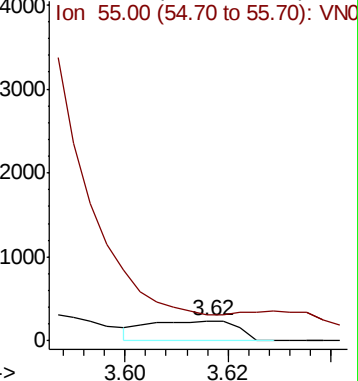
#13

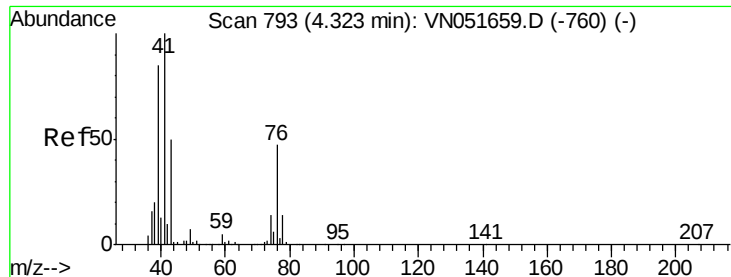
Acrolein
Concen: 0.780 ug/l
RT: 3.62 min Scan# 573
Delta R.T. 0.01 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

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



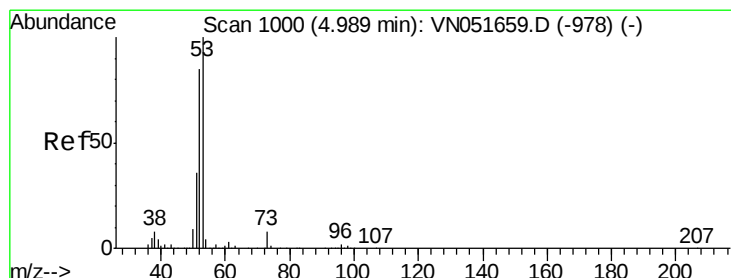
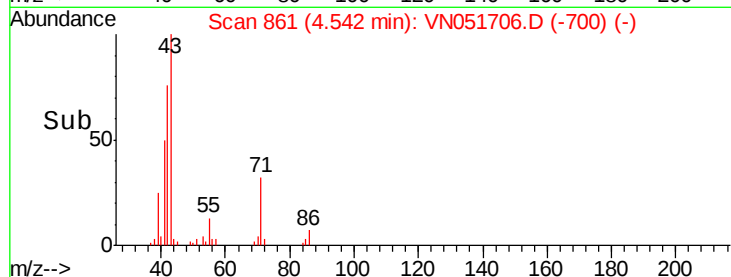
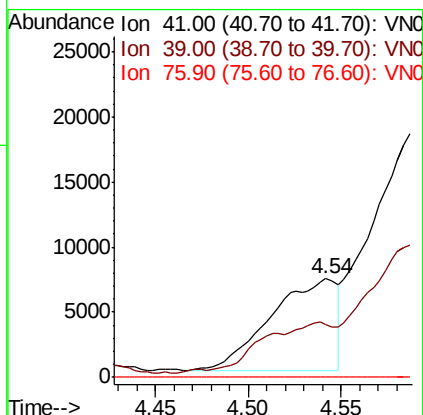
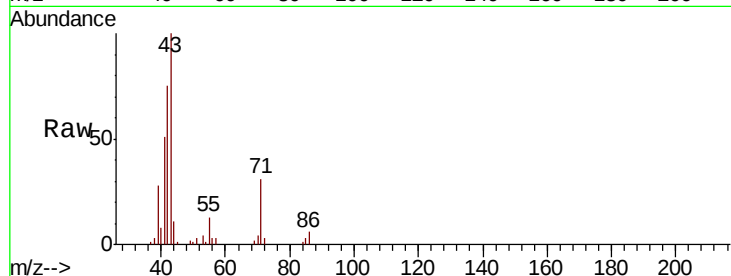
Abundance Ion 56.00 (55.70 to 56.70): V





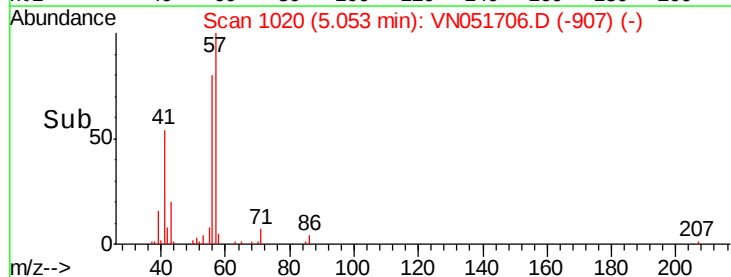
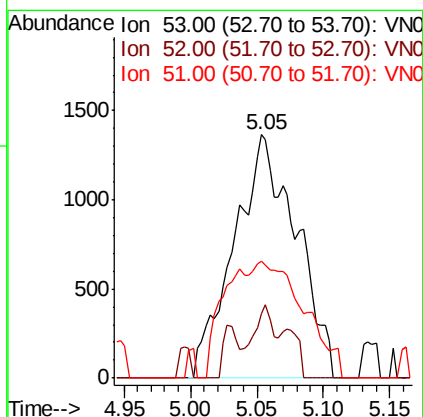
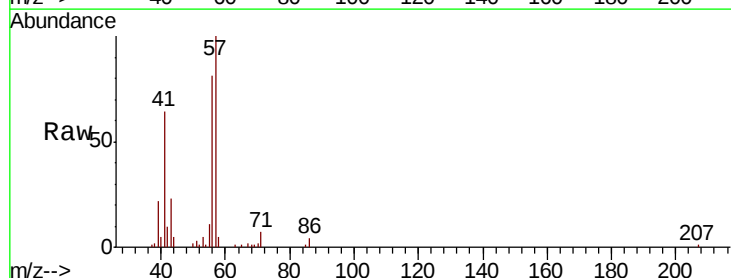
#14
Allvl chloride
Concen: 1.864 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.22 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

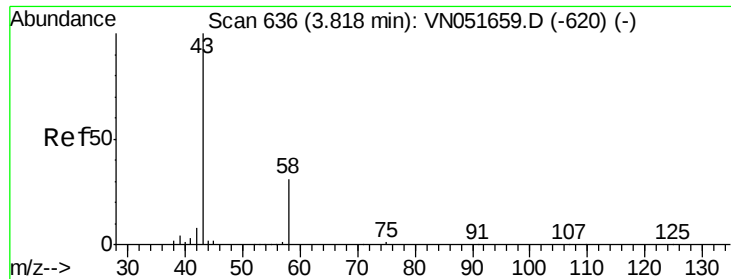
Tot Ion: 41 Resp: 17428
Ion Ratio Lower Upper
41 100
39 56.9 65.4 98.0#
76 0.0 34.3 51.5#



#15
Acrylonitrile
Concen: 2.185 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.06 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

Tgt Ion: 53 Resp: 4455
Ion Ratio Lower Upper
53 100
52 4.3 66.2 99.2#
51 0.0 30.3 45.5#





#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 626

Delta R.T. -0.03 min

Lab File: VN051706.D

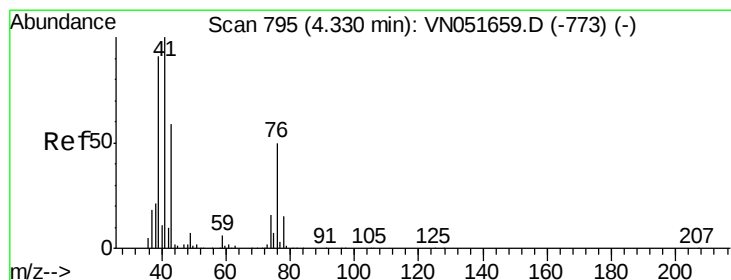
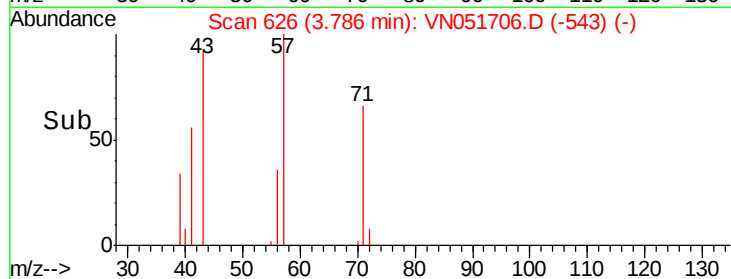
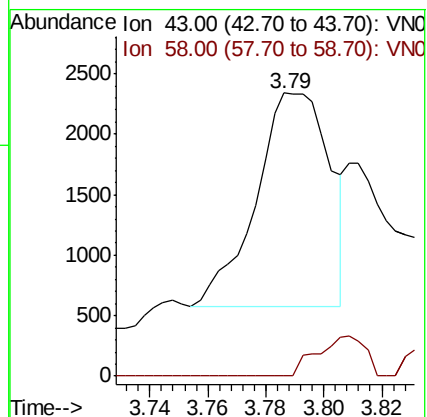
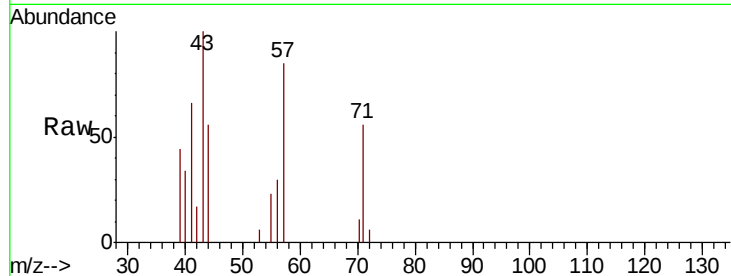
Acq: 5 Oct 2018 23:39

Tot Ion: 43 Resp: 3125

Ion Ratio Lower Upper

43 100

58 0.0 24.3 36.5#



#18

Methyl Acetate

Concen: 32.115 ug/l

RT: 4.59 min Scan# 876

Delta R.T. 0.26 min

Lab File: VN051706.D

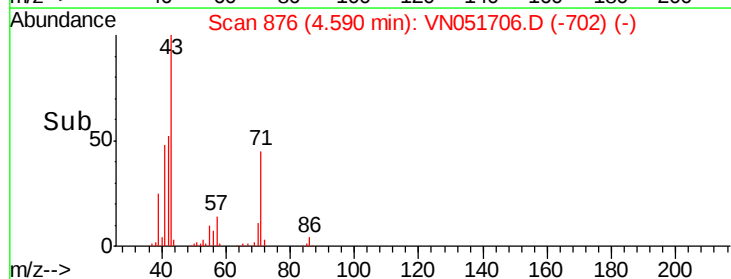
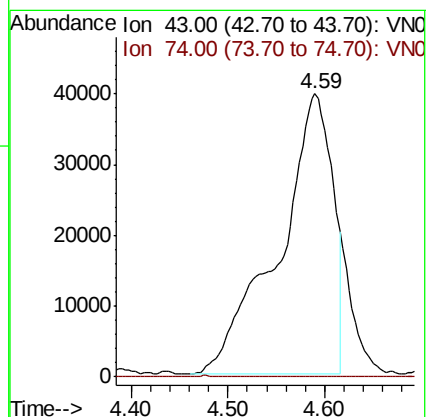
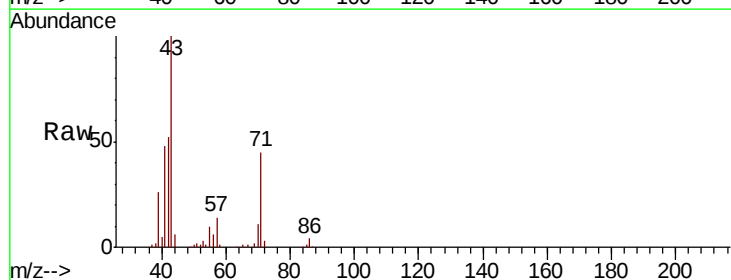
Acq: 5 Oct 2018 23:39

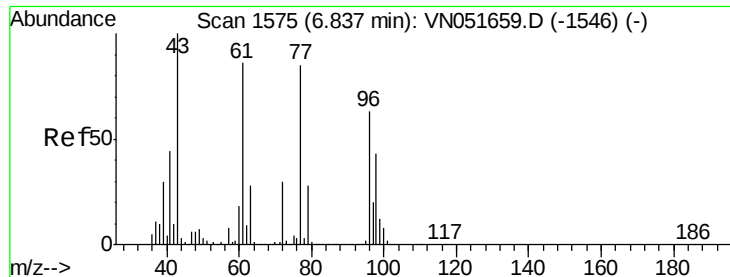
Tgt Ion: 43 Resp: 154126

Ion Ratio Lower Upper

43 100

74 0.0 21.5 32.3#





#25

2-Butanone

Concen: 0.376 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.01 min

Lab File: VN051706.D

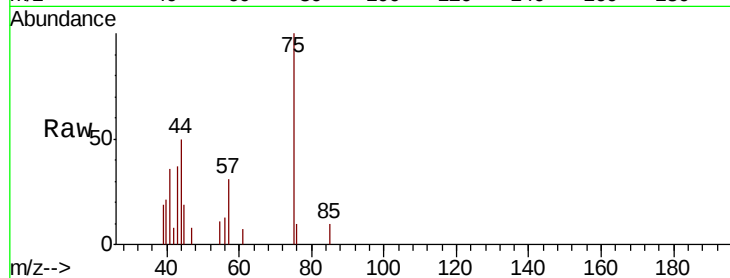
Acq: 5 Oct 2018 23:39

Tot Ion: 43 Resp: 945

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

6.83

800

600

400

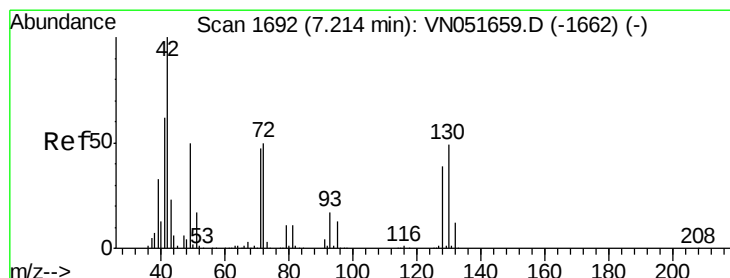
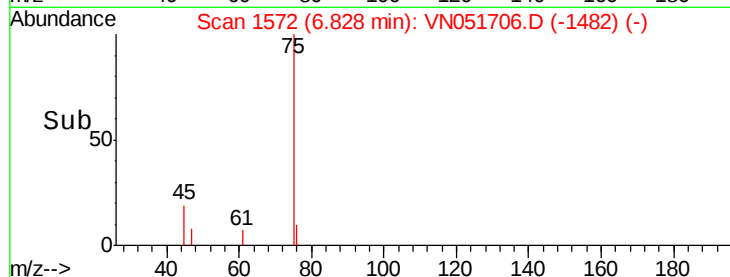
200

0

6.80

6.85

Time-->



#29

Tetrahydrofuran

Concen: 0.284 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN051706.D

Acq: 5 Oct 2018 23:39

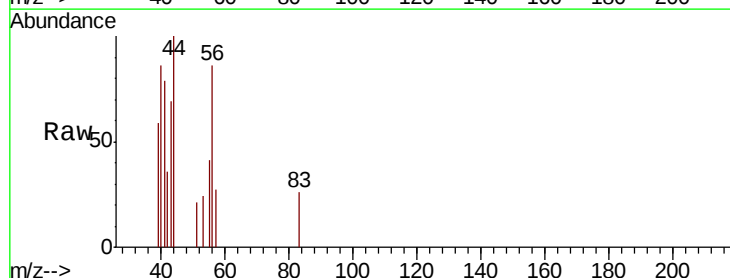
Tgt Ion: 42 Resp: 437

Ion Ratio Lower Upper

42 100

72 0.0 40.1 60.1#

71 0.0 38.0 57.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

500

400

300

200

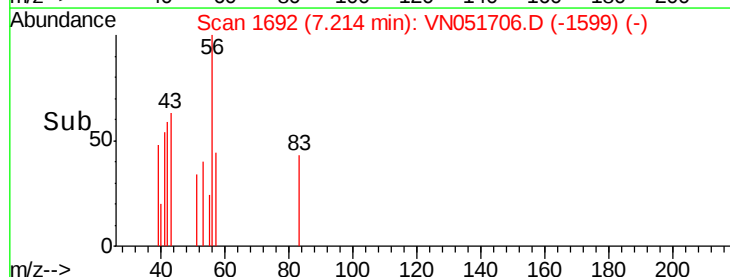
100

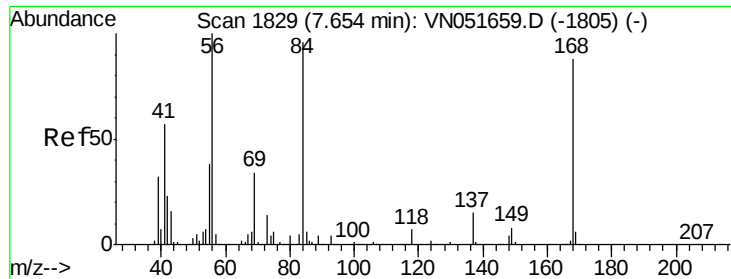
0

7.20

7.22

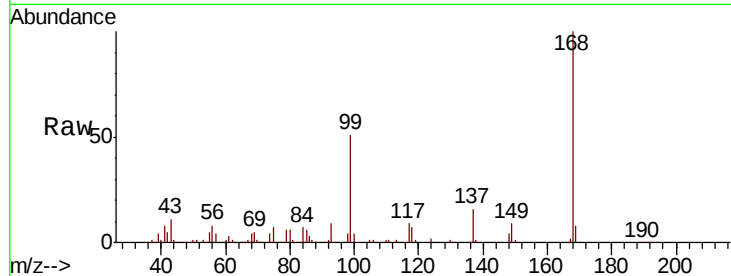
Time-->



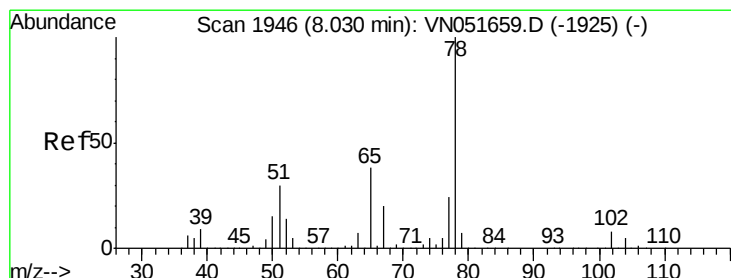
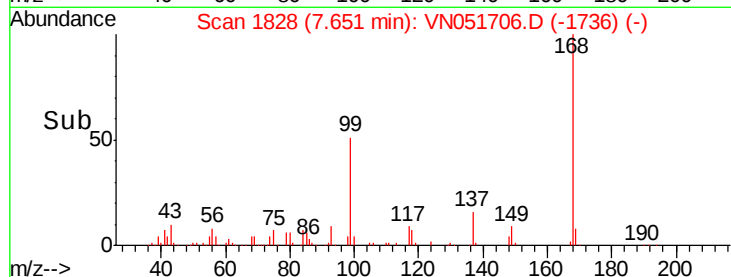
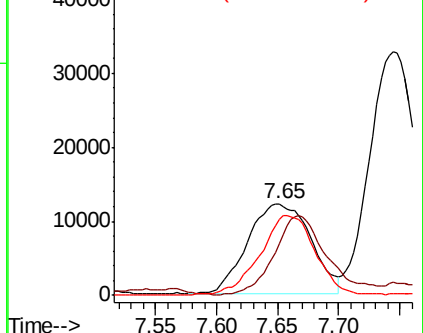


#31
Cyclohexane
Concen: 3.737 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

Tot Ion: 56 Resp: 44109
Ion Ratio Lower Upper
56 100
69 53.5 27.5 41.3#
84 84.1 76.7 115.1

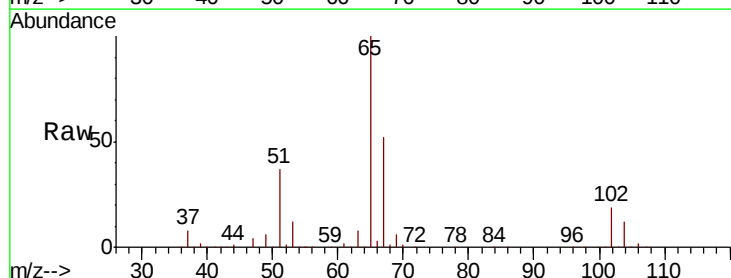


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

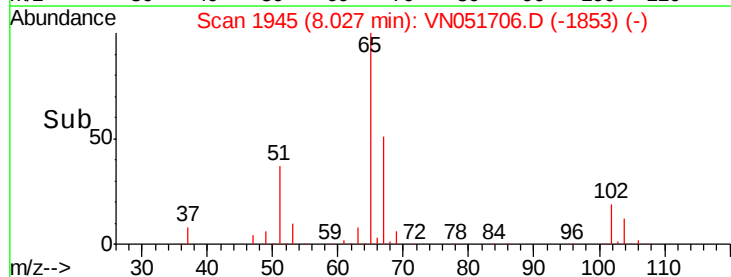
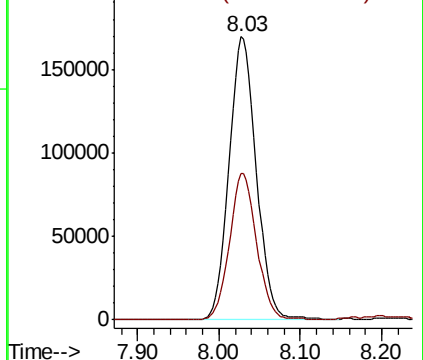


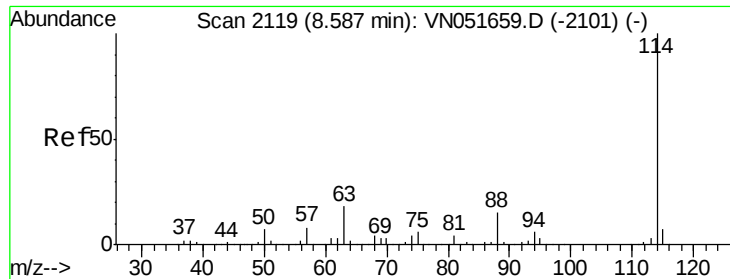
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

Tgt Ion: 65 Resp: 397700
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.6



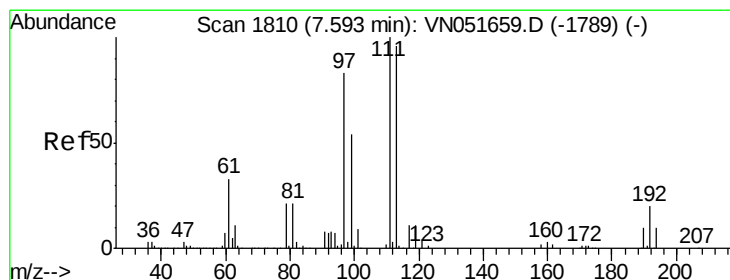
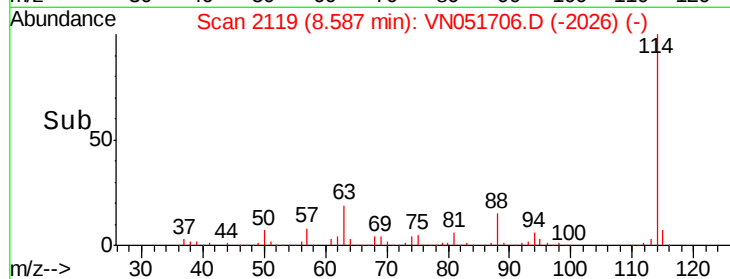
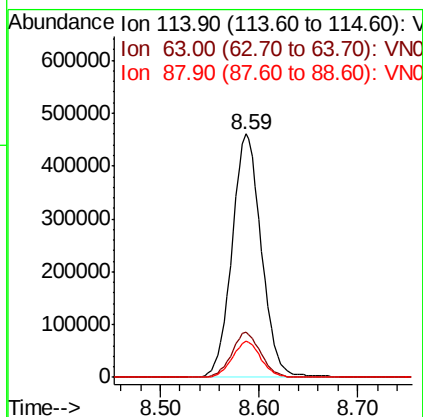
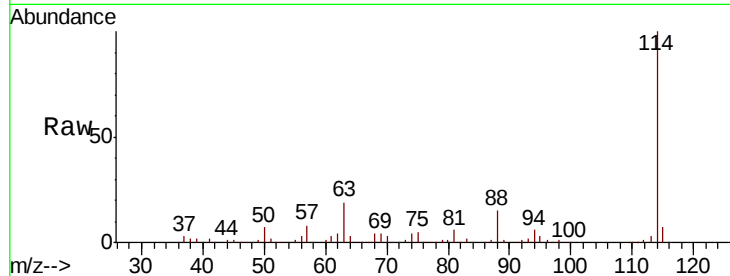
Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





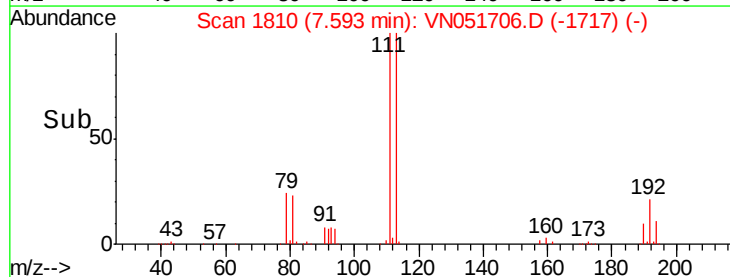
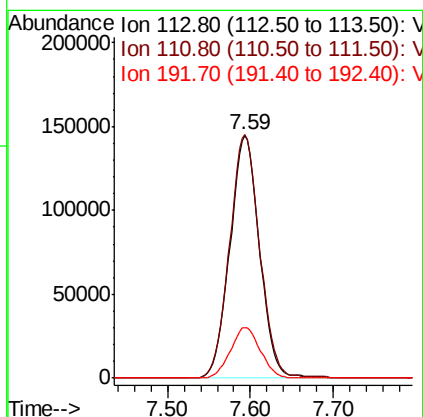
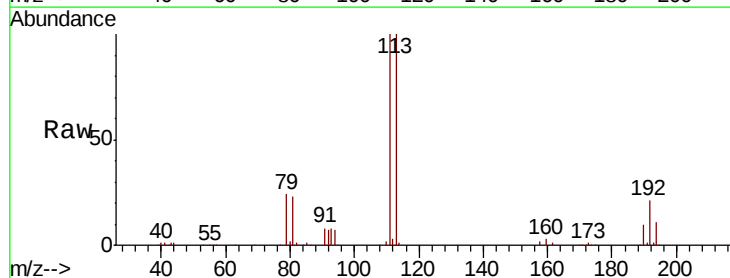
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051706.D
 Acq: 5 Oct 2018 23:39

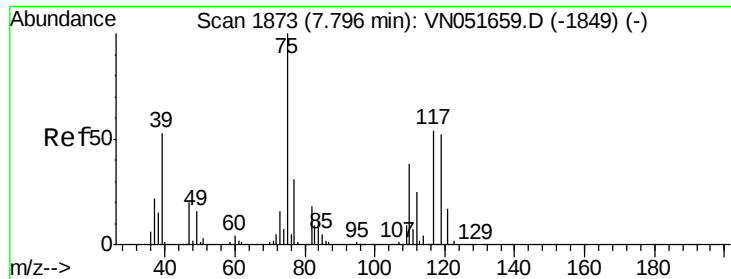
Tot Ion:114 Resp: 953277
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.2
 88 14.7 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051706.D
 Acq: 5 Oct 2018 23:39

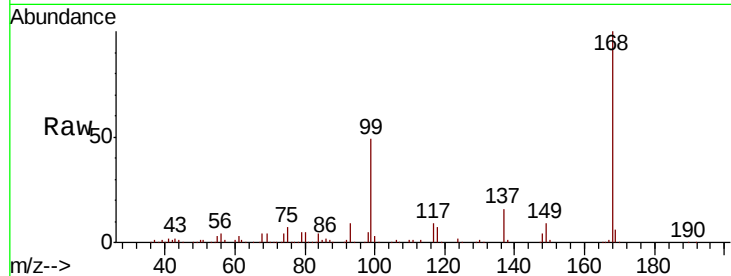
Tgt Ion:113 Resp: 360398
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.8 122.8
 192 21.1 16.5 24.7





#36
 1,1-Dichloropropene
 Concen: 4.425 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN051706.D
 Acq: 5 Oct 2018 23:39

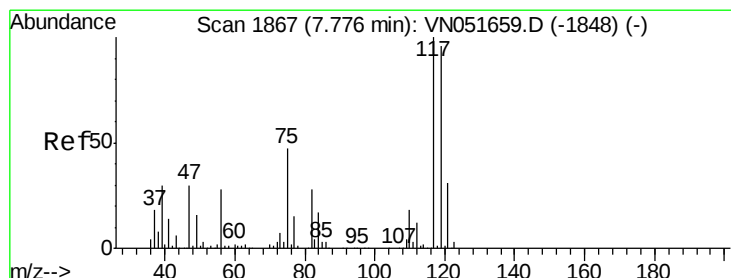
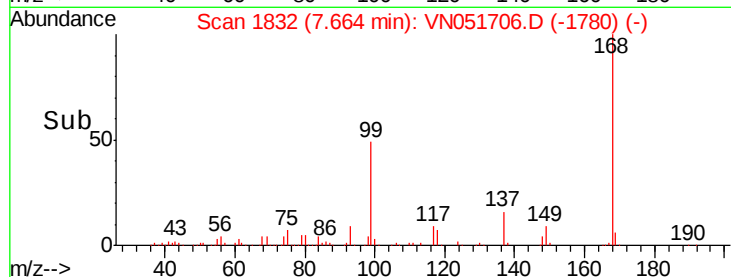
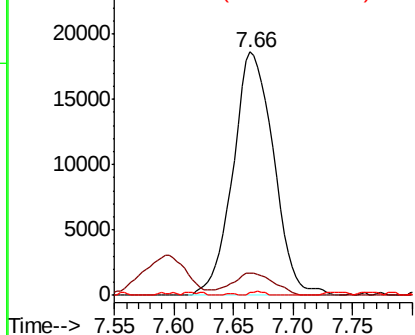
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.4	19.3	57.8#
77	0.5	24.7	37.1#



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

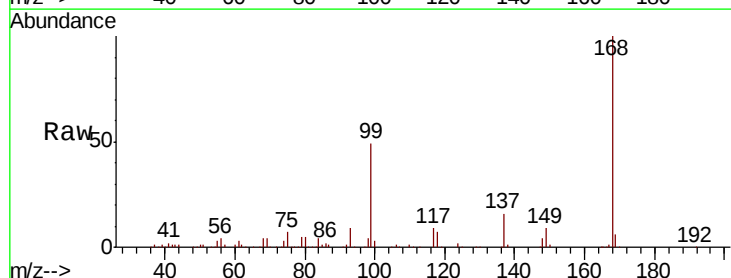
Ion 109.90 (109.60 to 110.60): VN051659.D (-1849) (-)

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



#38
 Carbon Tetrachloride
 Concen: 4.944 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051706.D
 Acq: 5 Oct 2018 23:39

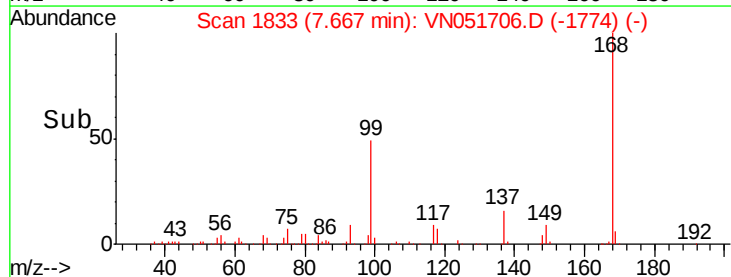
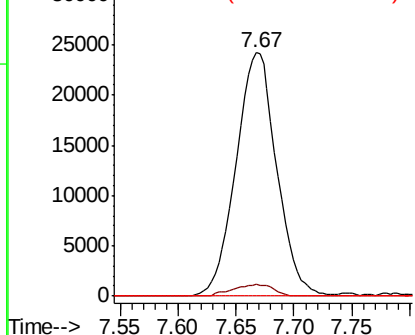
Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.0	115.6#
121	0.0	25.0	37.6#

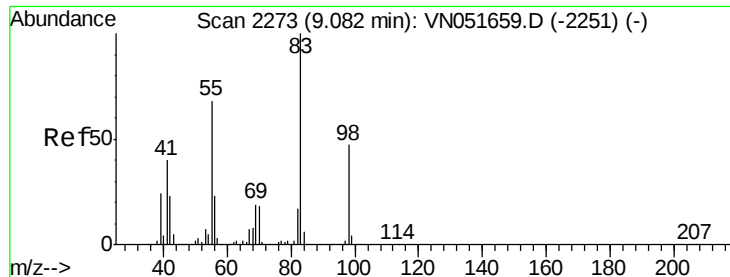


Abundance Ion 116.80 (116.50 to 117.50): VN051659.D (-1848) (-)

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

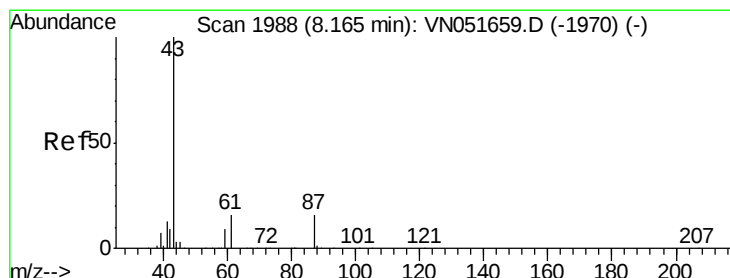
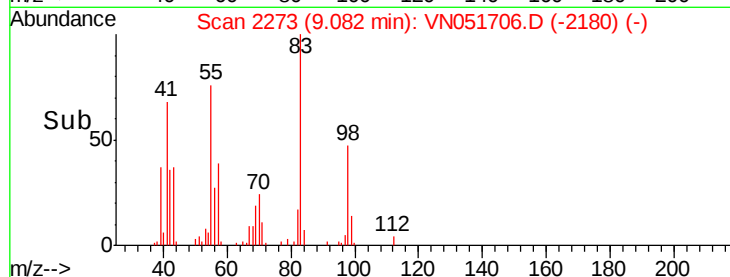
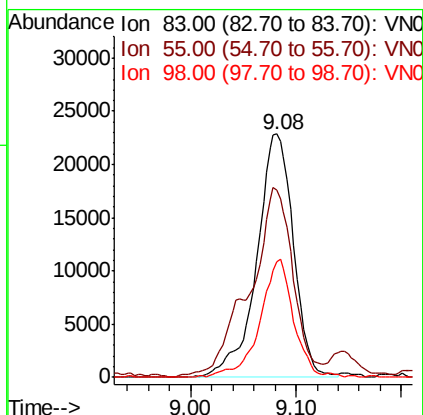
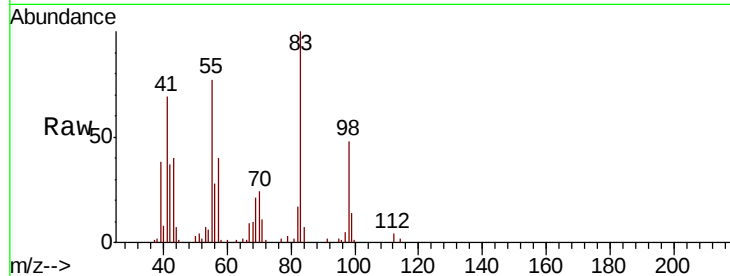
Ion 120.80 (120.50 to 121.50): VN051659.D (-1848) (-)





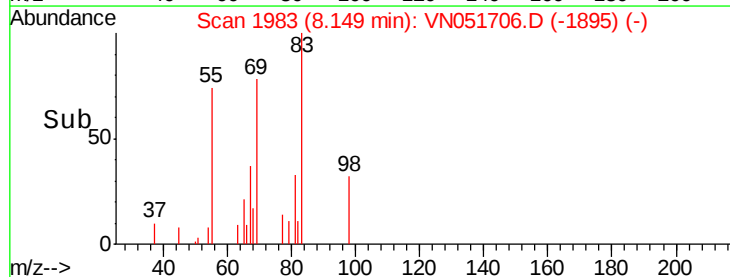
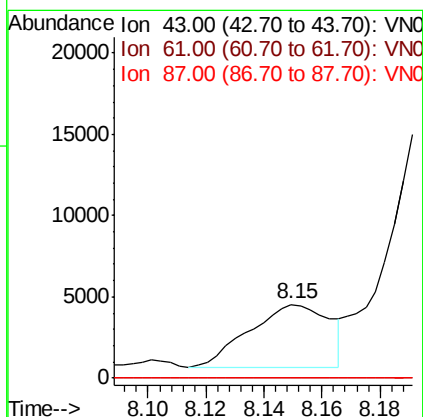
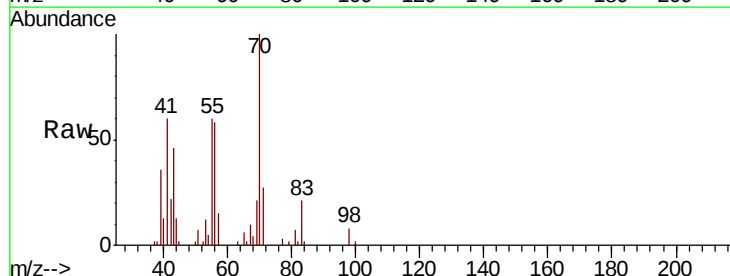
#39
Methylcyclohexane
Concen: 4.416 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

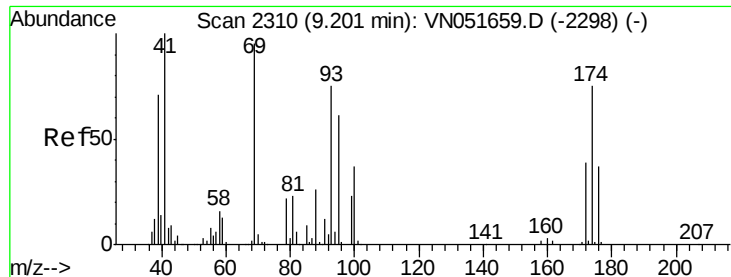
Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	54.3	81.5
98	47.5	37.4	56.2



#43
Isopropyl Acetate
Concen: 0.683 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. -0.02 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

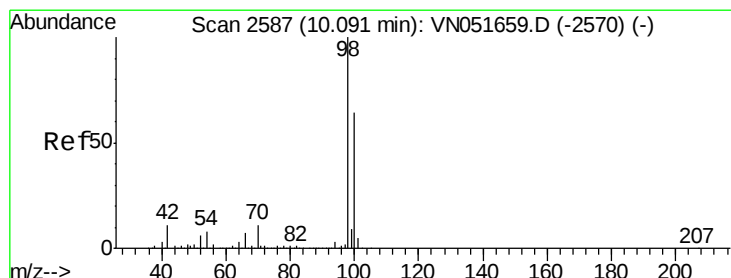
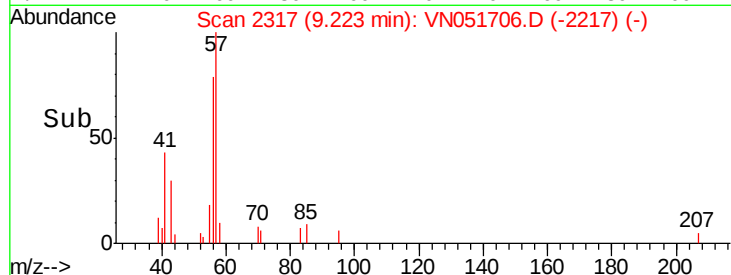
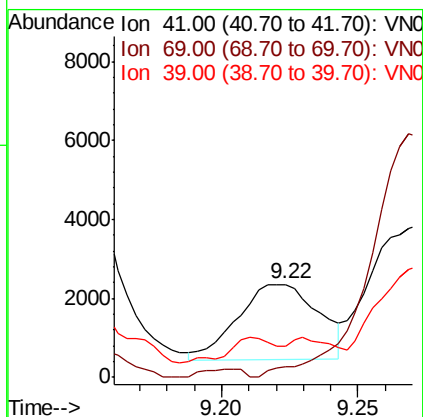
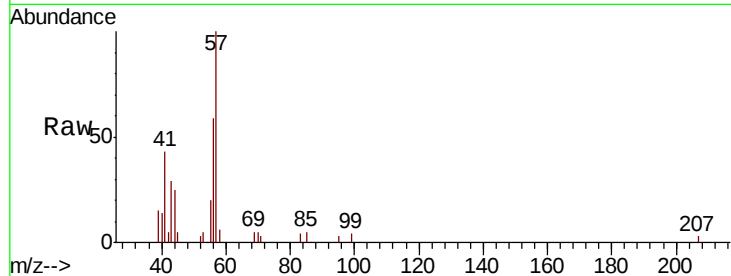
Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.8	23.6#
87	0.0	12.6	19.0#





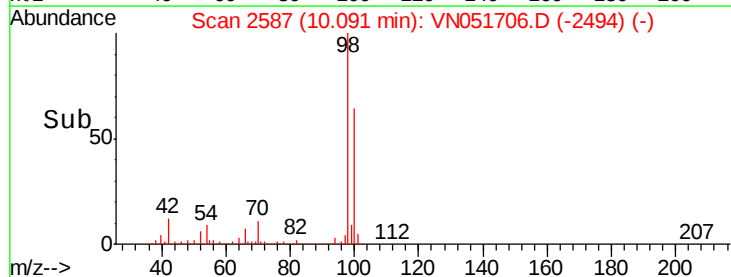
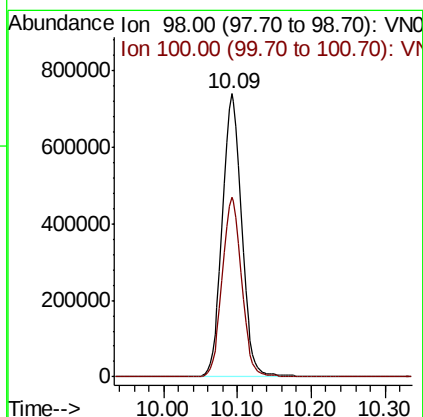
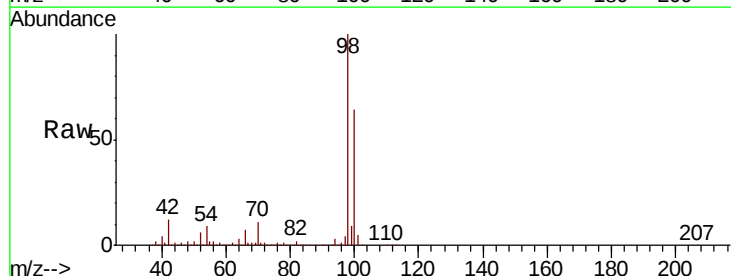
#48
Methvl methacrylate
Concen: 0.793 ug/l
RT: 9.22 min Scan# 2317
Delta R.T. 0.02 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

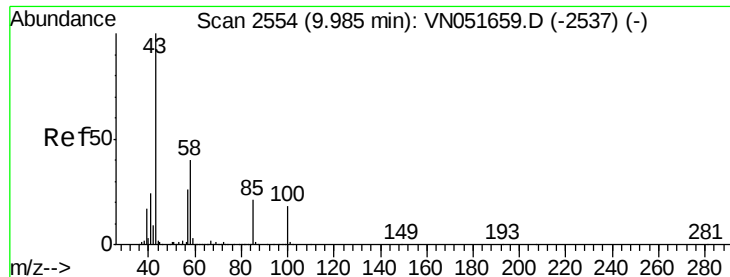
Tot Ion: 41 Resp: 3926
Ion Ratio Lower Upper
41 100
69 0.0 78.6 118.0#
39 18.3 59.2 88.8#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

Tgt Ion: 98 Resp: 1361173
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.940 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN051706.D

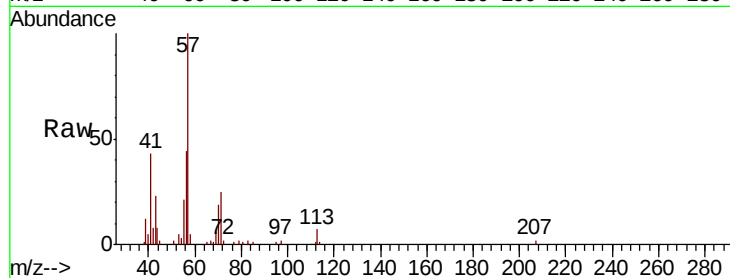
Acq: 5 Oct 2018 23:39

Tot Ion: 43 Resp: 5161

Ion Ratio Lower Upper

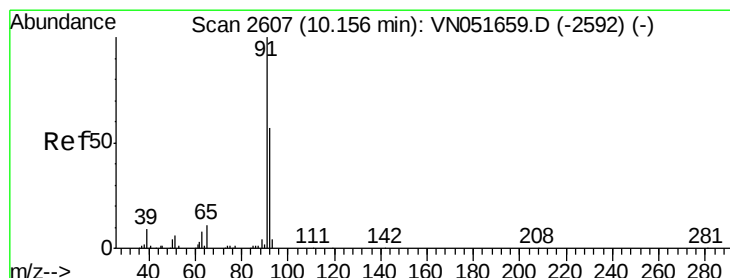
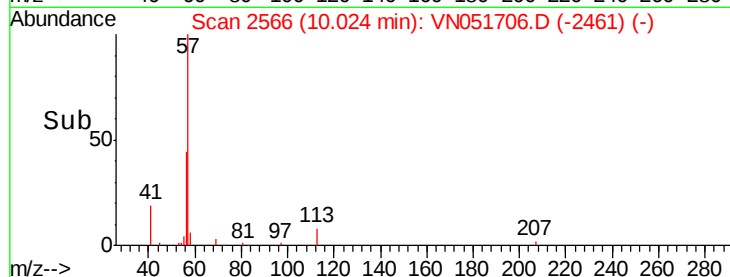
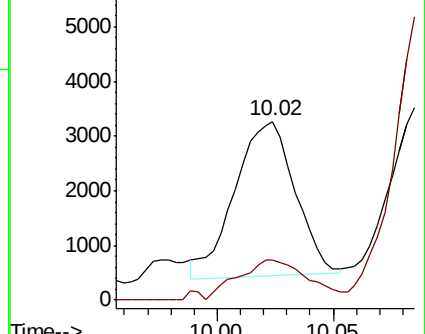
43 100

58 30.0 32.2 48.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 1.312 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051706.D

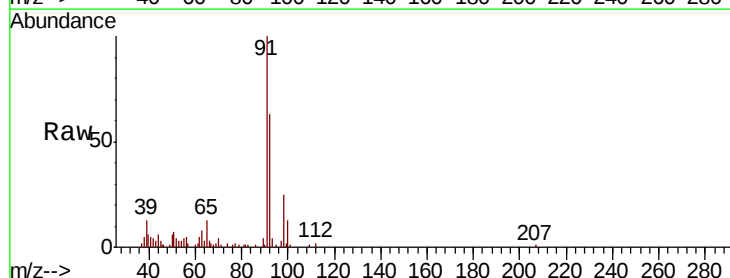
Acq: 5 Oct 2018 23:39

Tgt Ion: 92 Resp: 25772

Ion Ratio Lower Upper

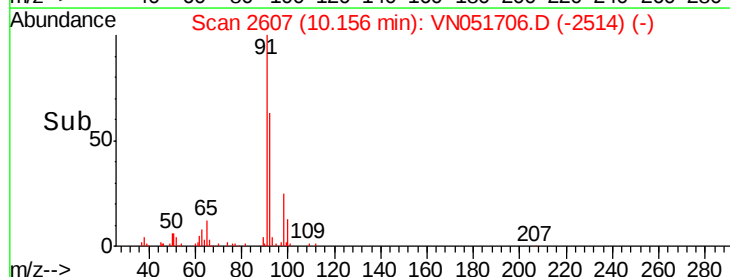
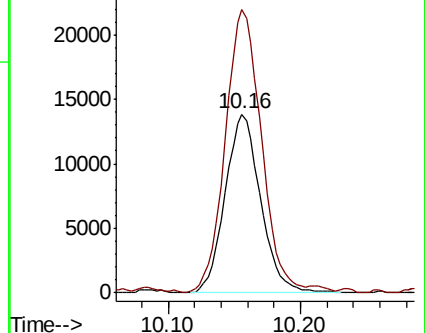
92 100

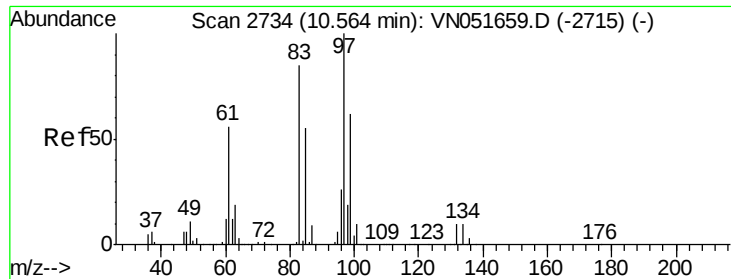
91 161.0 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

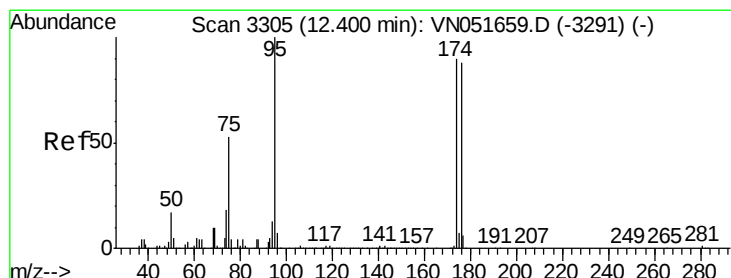
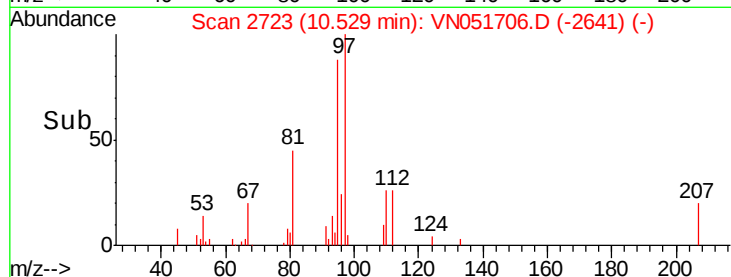
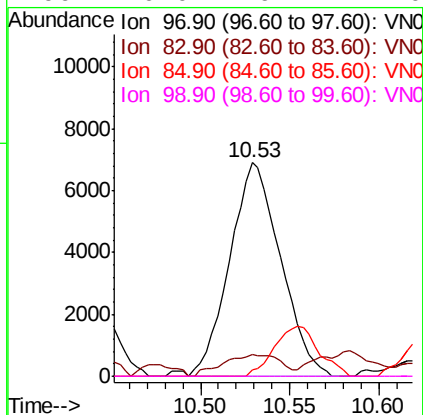
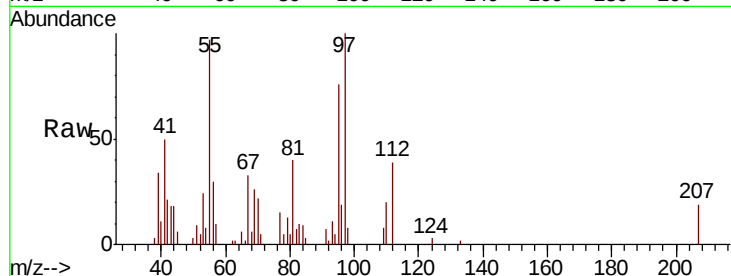
Ion 91.00 (90.70 to 91.70): VN0





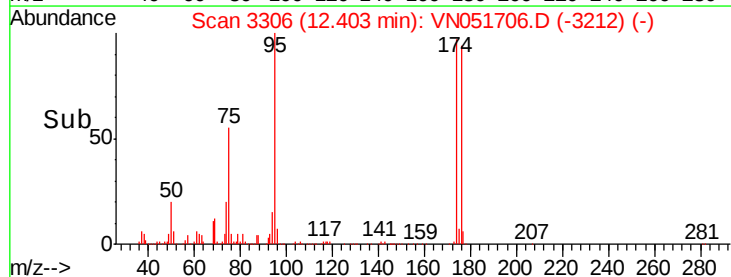
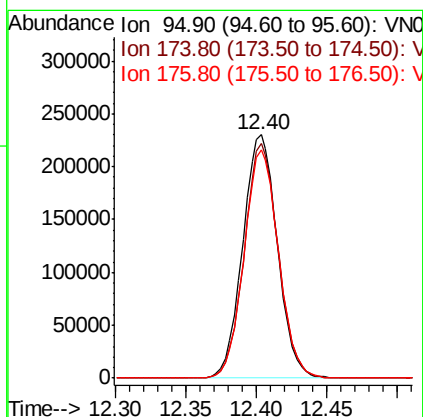
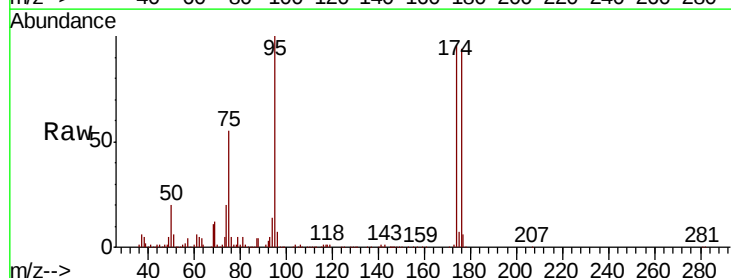
#55
 1,1,2-Trichloroethane
 Concen: 1.962 ug/l
 RT: 10.53 min Scan# 2723
 Delta R.T. -0.04 min
 Lab File: VN051706.D
 Acq: 5 Oct 2018 23:39

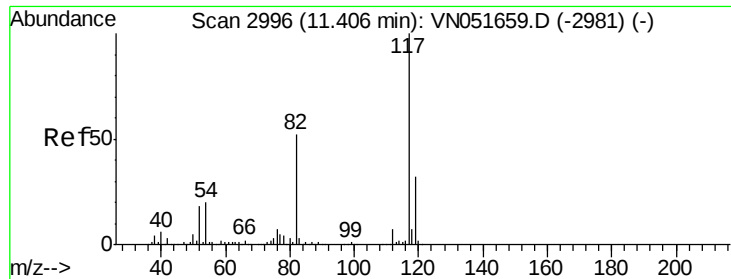
Tot Ion: 97 Resp: 13728
 Ion Ratio Lower Upper
 97 100
 83 10.0 68.1 102.1#
 85 2.8 43.6 65.4#
 99 0.0 49.4 74.0#



#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN051706.D
 Acq: 5 Oct 2018 23:39

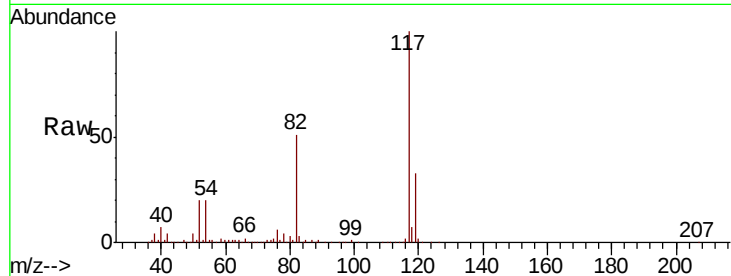
Tgt Ion: 95 Resp: 394191
 Ion Ratio Lower Upper
 95 100
 174 95.0 0.0 182.8
 176 93.5 0.0 176.4



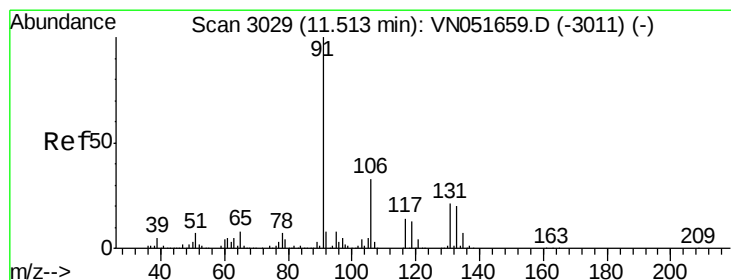
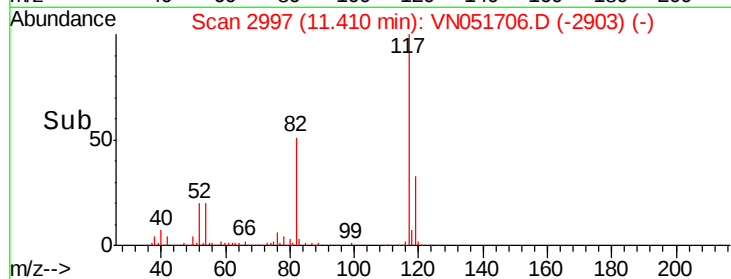
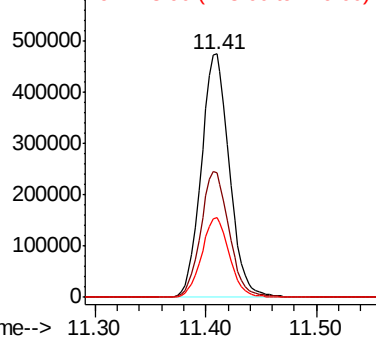


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

Tot Ion:117 Resp: 837680
Ion Ratio Lower Upper
117 100
82 50.9 41.3 61.9
119 32.6 25.9 38.9

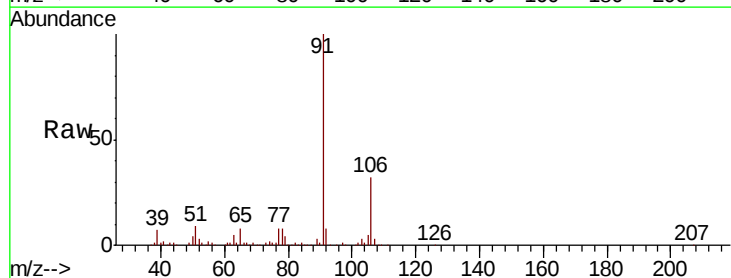


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

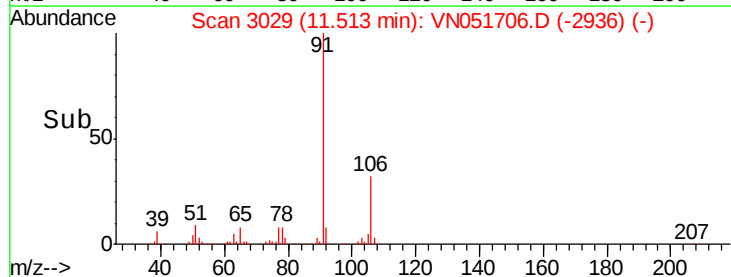
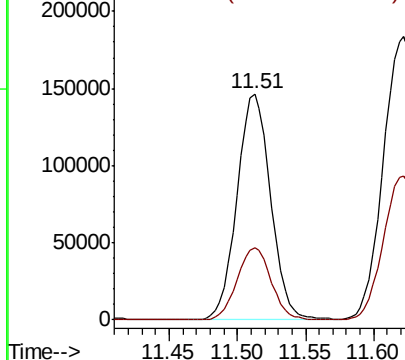


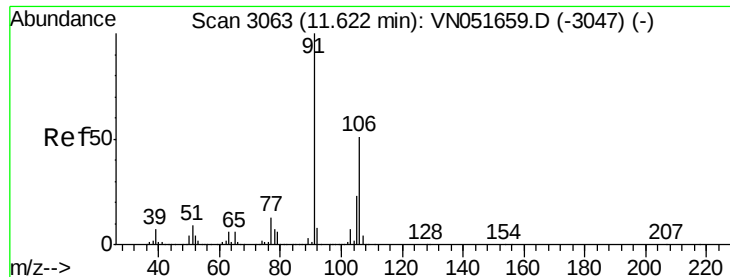
#67
Ethyl Benzene
Concen: 7.004 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

Tgt Ion: 91 Resp: 251148
Ion Ratio Lower Upper
91 100
106 32.2 26.0 39.0



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





#68

m/p-Xylenes

Concen: 12.832 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN051706.D

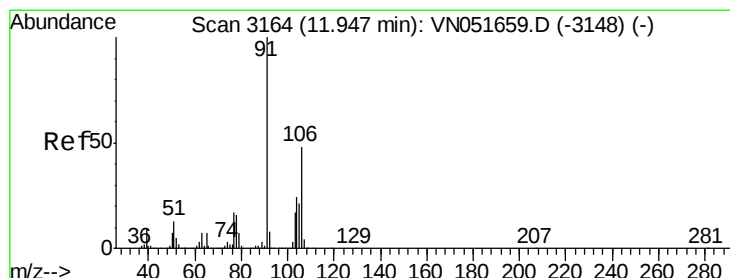
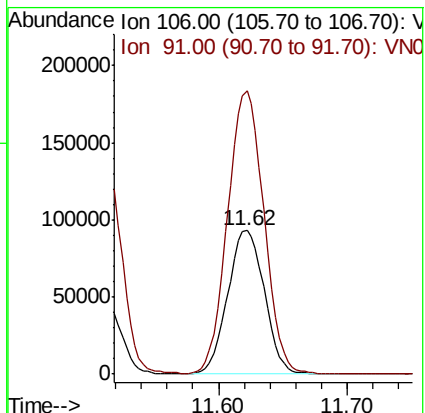
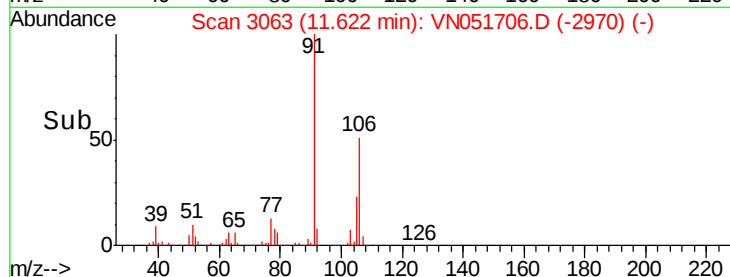
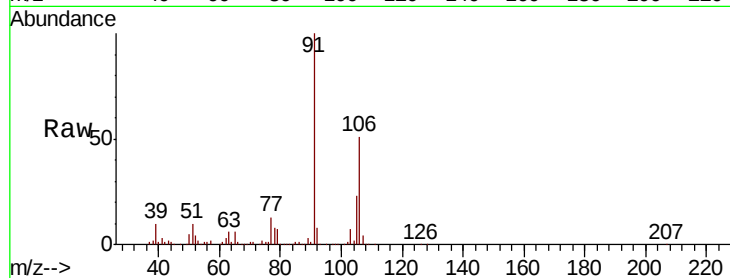
Acq: 5 Oct 2018 23:39

Tot Ion:106 Resp: 184108

Ion Ratio Lower Upper

106 100

91 194.7 158.4 237.6



#69

o-Xylene

Concen: 2.743 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. 0.00 min

Lab File: VN051706.D

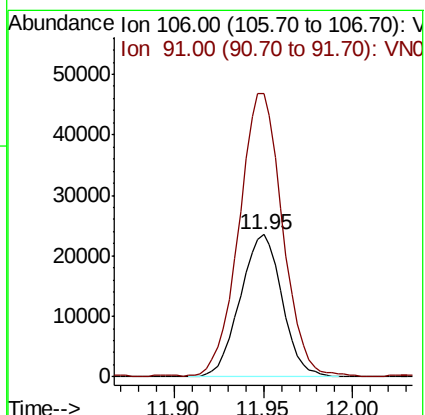
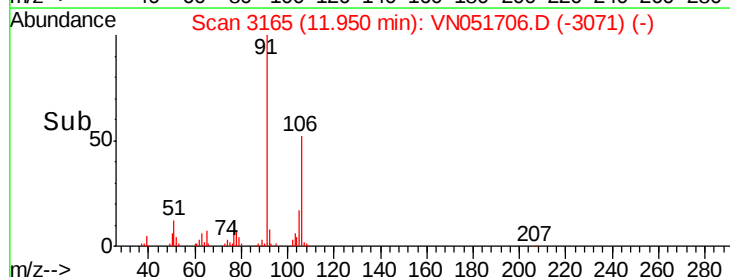
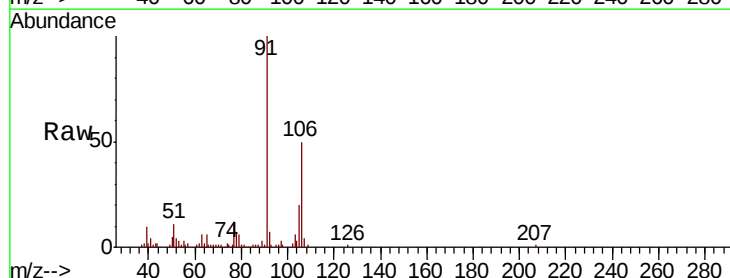
Acq: 5 Oct 2018 23:39

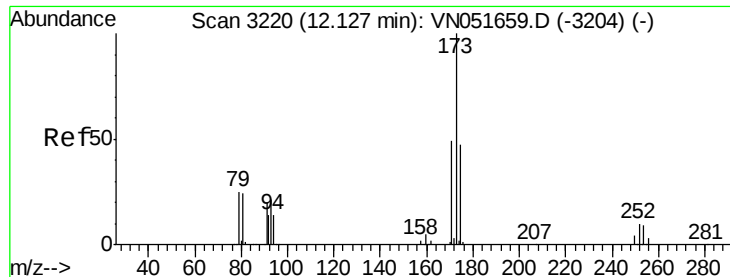
Tgt Ion:106 Resp: 38591

Ion Ratio Lower Upper

106 100

91 204.5 104.4 313.2





#71

Bromoform

Concen: 0.526 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN051706.D

Acq: 5 Oct 2018 23:39

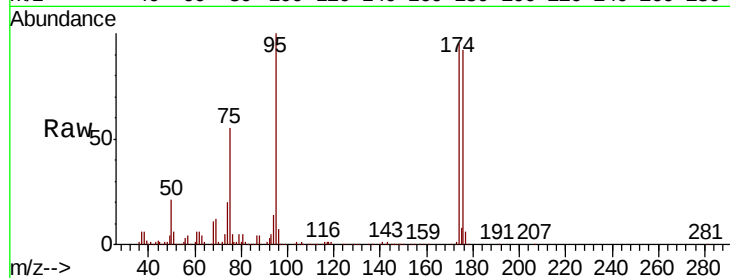
Tot Ion:173 Resp: 3247

Ion Ratio Lower Upper

173 100

175 751.5 24.0 72.0#

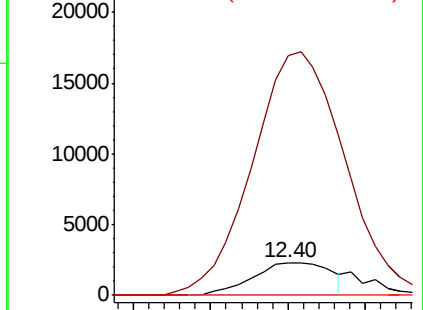
254 0.0 0.1 0.1#



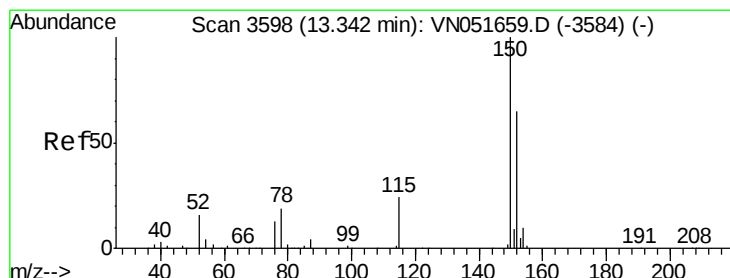
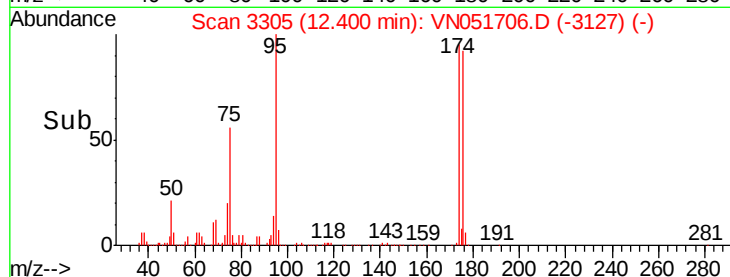
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051706.D

Acq: 5 Oct 2018 23:39

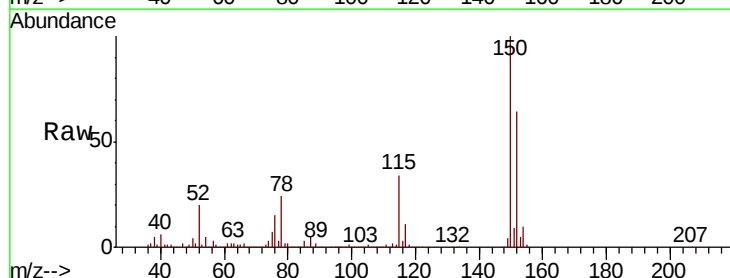
Tgt Ion:152 Resp: 359131

Ion Ratio Lower Upper

152 100

115 55.7 28.6 85.8

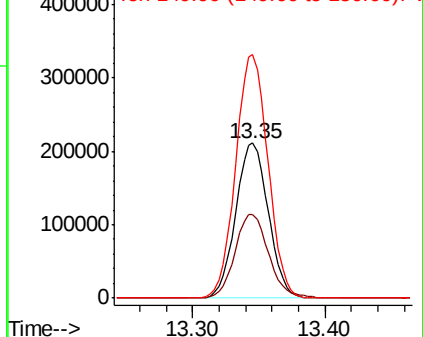
150 155.8 0.0 352.4



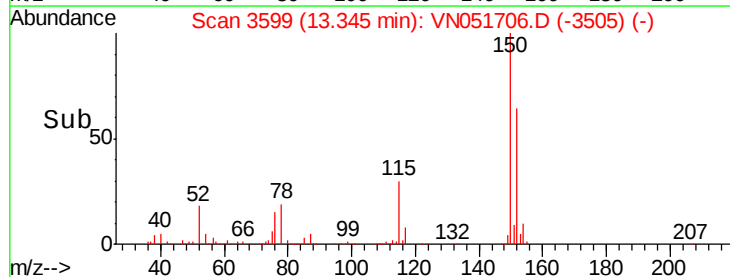
Abundance Ion 151.90 (151.60 to 152.60): V

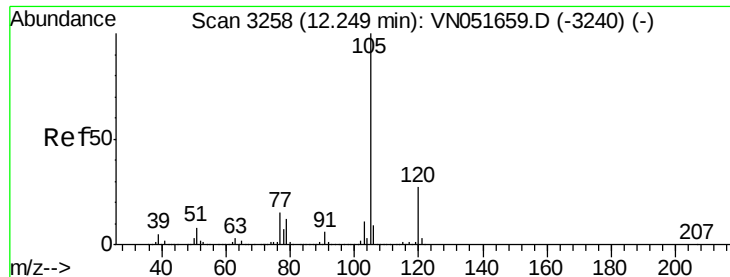
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->





#73

Isopropylbenzene

Concen: 1.551 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051706.D

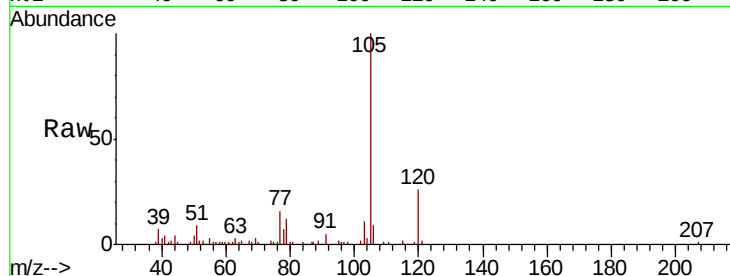
Acq: 5 Oct 2018 23:39

Tot Ion: 105 Resp: 47478

Ion Ratio Lower Upper

105 100

120 26.4 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

30000

25000

20000

15000

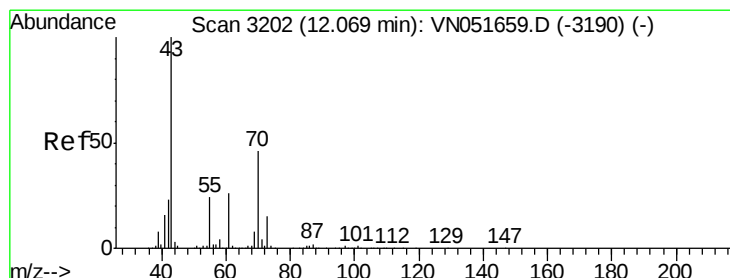
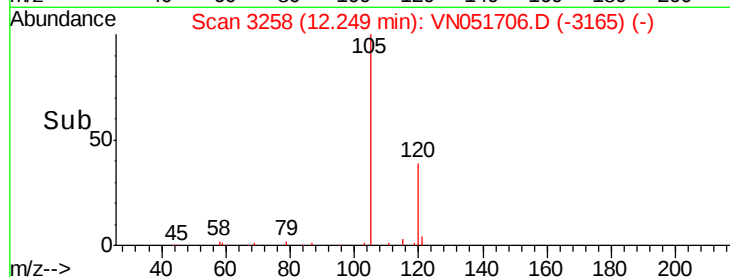
10000

5000

0

Time-->

12.20 12.25 12.30



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN051706.D

Acq: 5 Oct 2018 23:39

Tgt Ion: 43 Resp: 2905

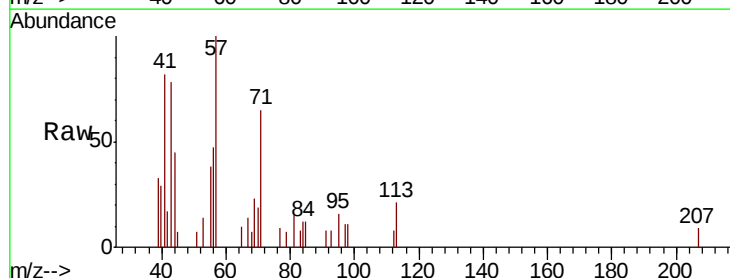
Ion Ratio Lower Upper

43 100

70 7.7 37.1 55.7#

55 0.0 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

3000

2500

2000

1500

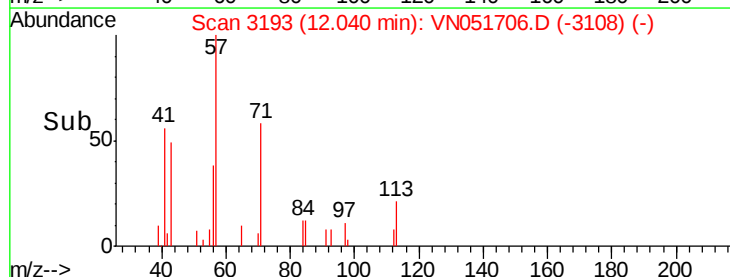
1000

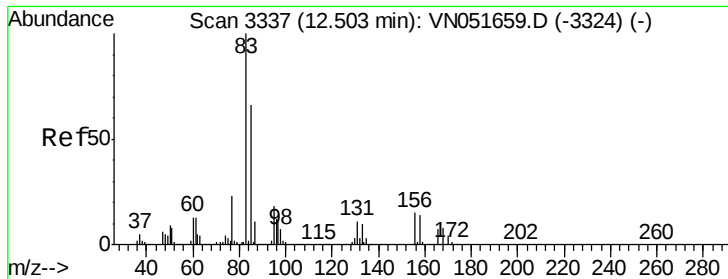
500

0

Time-->

12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051706.D

Acq: 5 Oct 2018 23:39

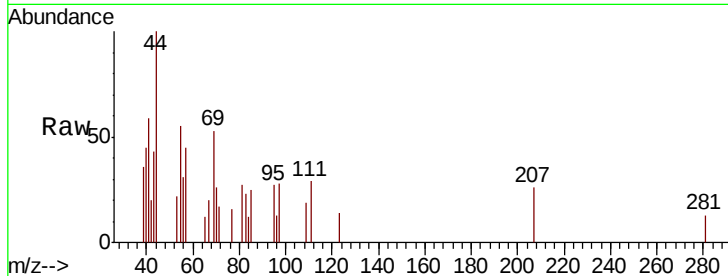
Tot Ion: 83 Resp: 418

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

85 116.3 33.0 98.9#

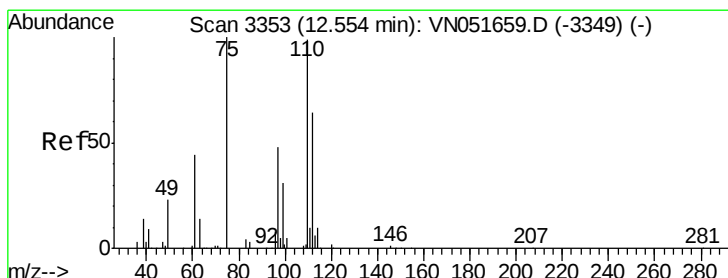
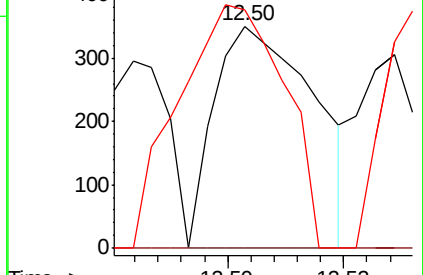
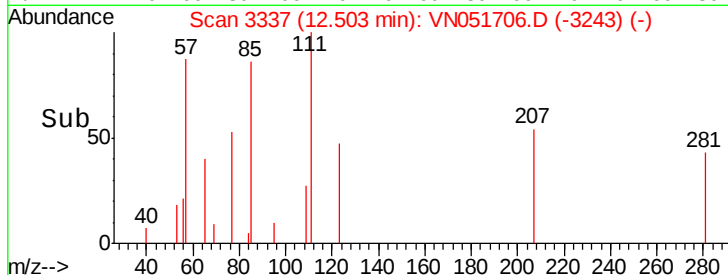


Abundance Ion 82.90 (82.60 to 83.60): VN051706.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN051706.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN051706.D (-3243) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 48.353 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051706.D

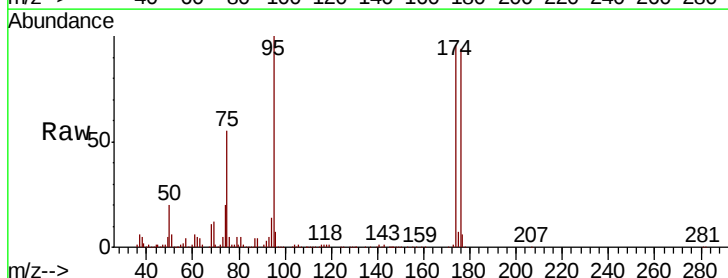
Acq: 5 Oct 2018 23:39

Tgt Ion: 75 Resp: 216371

Ion Ratio Lower Upper

75 100

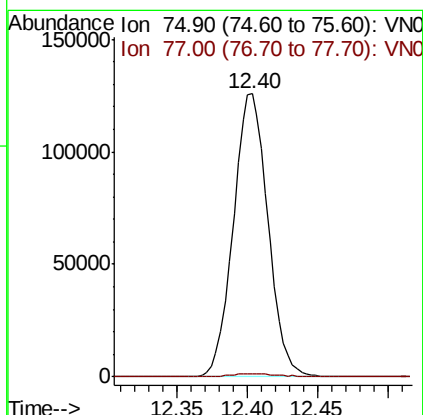
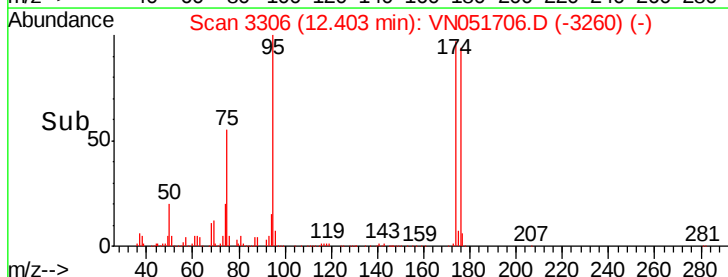
77 1.7 0.0 0.0#

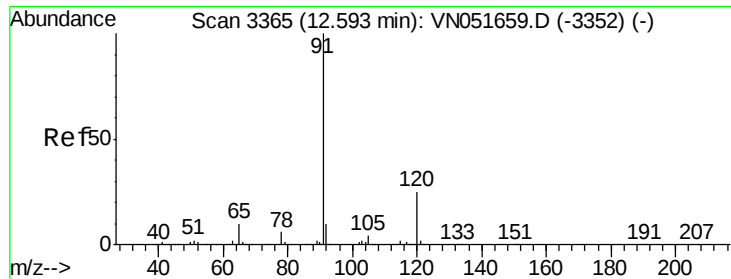


Abundance Ion 74.90 (74.60 to 75.60): VN051706.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN051706.D (-3260) (-)

Time-->





#78

n-propylbenzene

Concen: 5.635 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051706.D

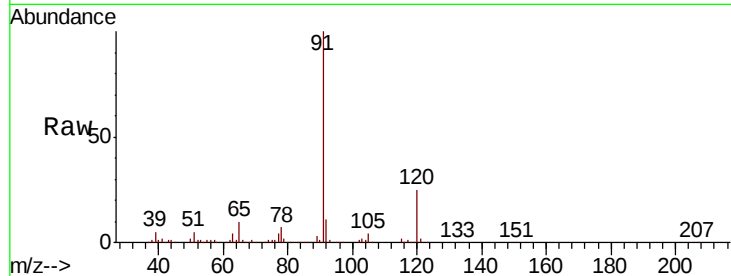
Acq: 5 Oct 2018 23:39

Tot Ion: 91 Resp: 188161

Ion Ratio Lower Upper

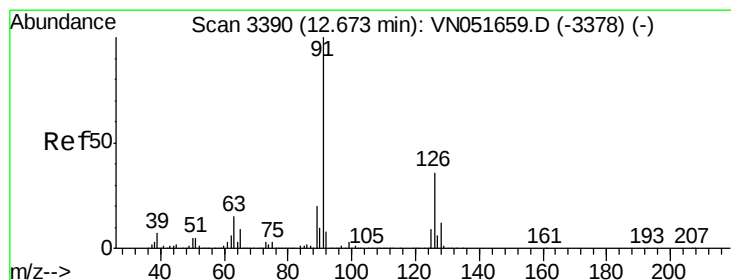
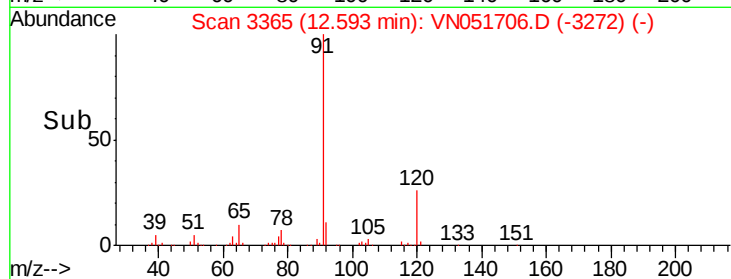
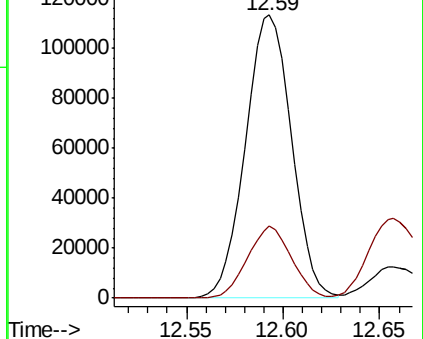
91 100

120 24.3 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: 1.114 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN051706.D

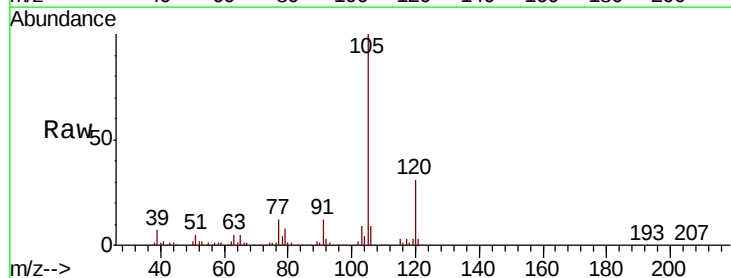
Acq: 5 Oct 2018 23:39

Tgt Ion: 91 Resp: 21925

Ion Ratio Lower Upper

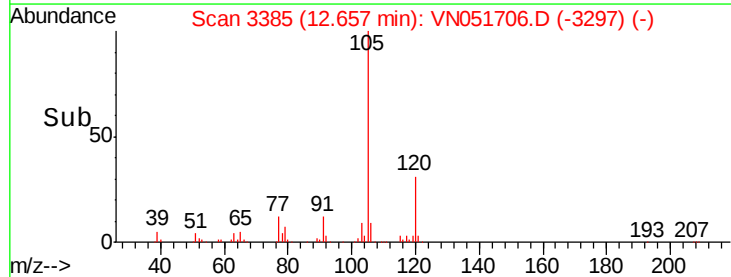
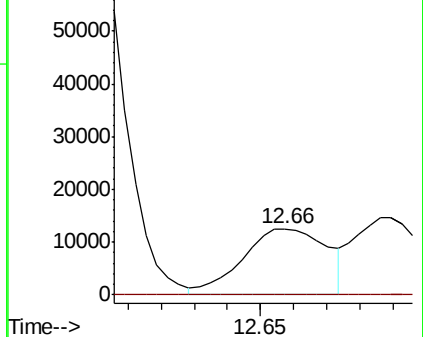
91 100

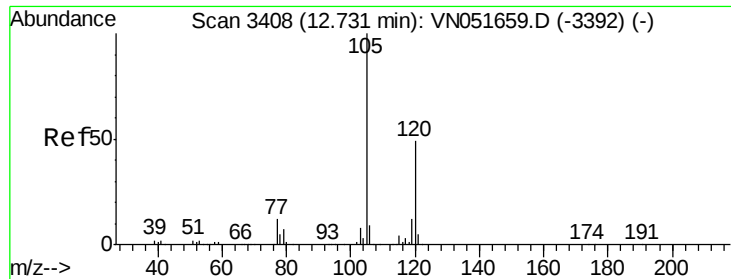
126 0.0 18.5 55.5#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

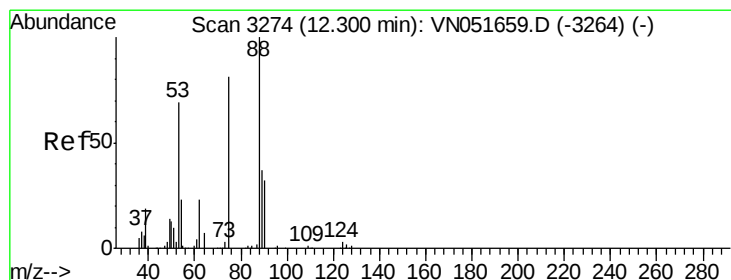
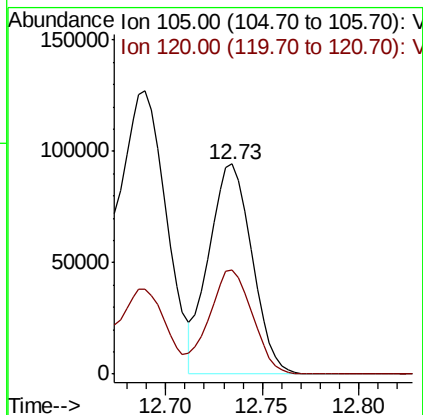
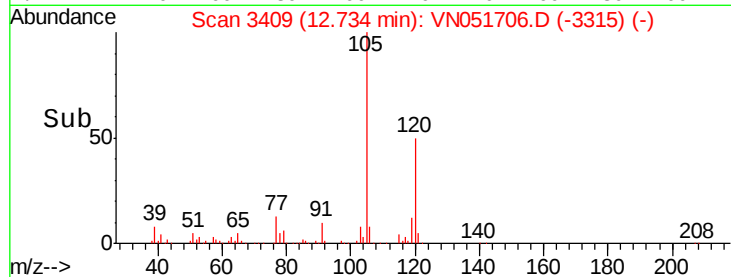
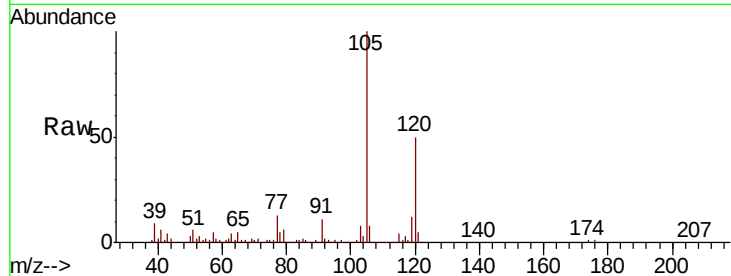




#80

1,3,5-Trimethylbenzene
Concen: 5.685 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

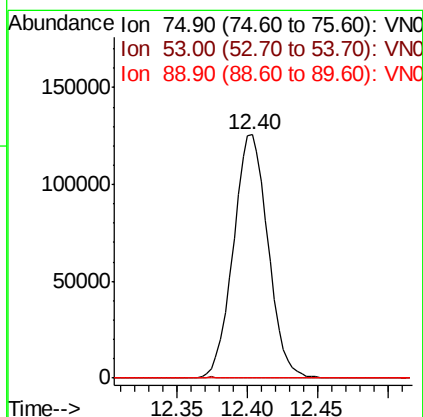
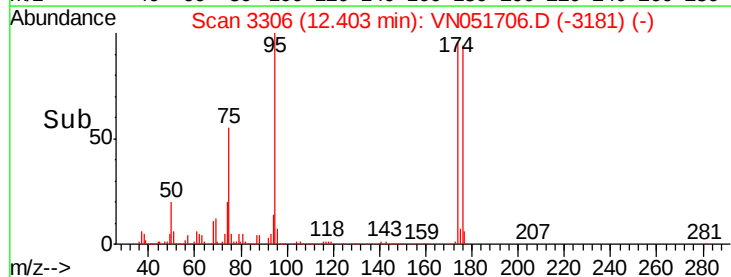
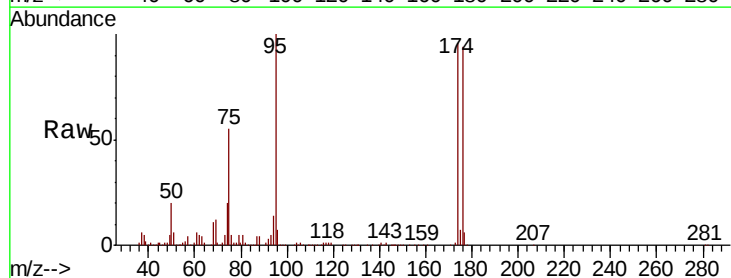
Tot Ion	Ratio	Lower	Upper
105	100		
120	50.4	24.6	74.0

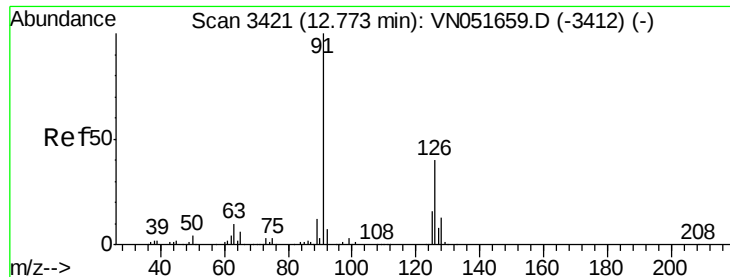


#81

trans-1,4-Dichloro-2-butene
Concen: 110.749 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.6	102.8#
89	0.0	39.4	59.2#





#82

4-Chlorotoluene

Concen: 0.769 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN051706.D

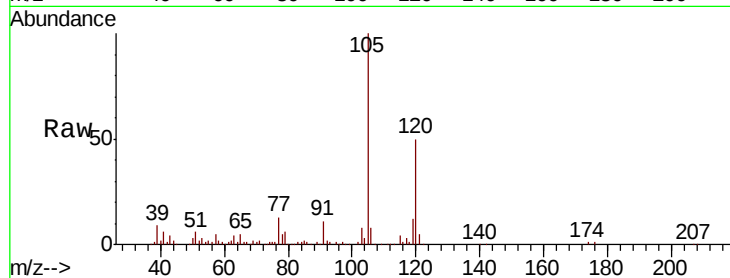
Acq: 5 Oct 2018 23:39

Tot Ion: 91 Resp: 15193

Ion Ratio Lower Upper

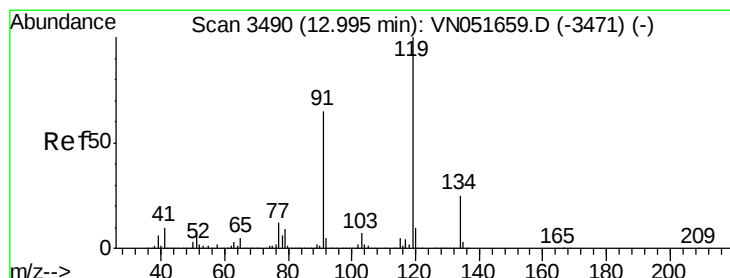
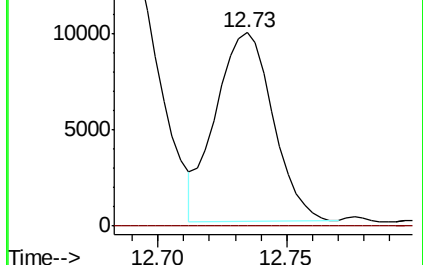
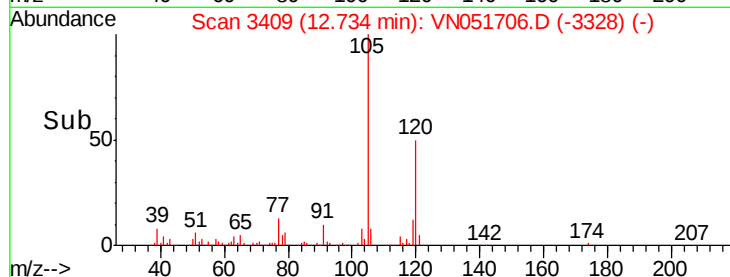
91 100

126 0.0 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VN051706.D (-3328) (-)

Ion 125.90 (125.60 to 126.60): VN051706.D (-3328) (-)



#83

tert-Butylbenzene

Concen: 3.073 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN051706.D

Acq: 5 Oct 2018 23:39

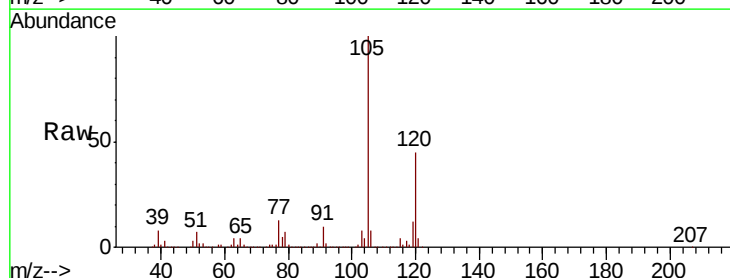
Tgt Ion: 119 Resp: 71039

Ion Ratio Lower Upper

119 100

91 85.3 32.1 96.5

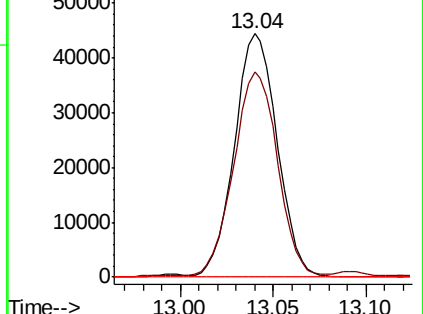
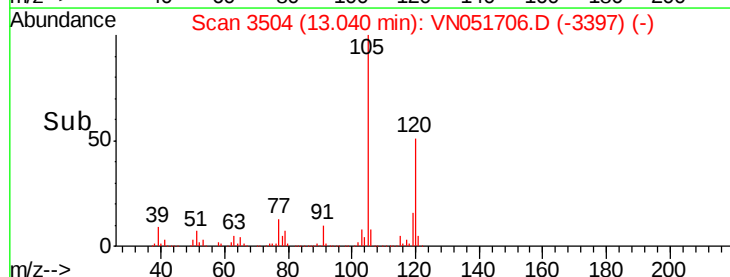
134 0.0 13.3 39.9#

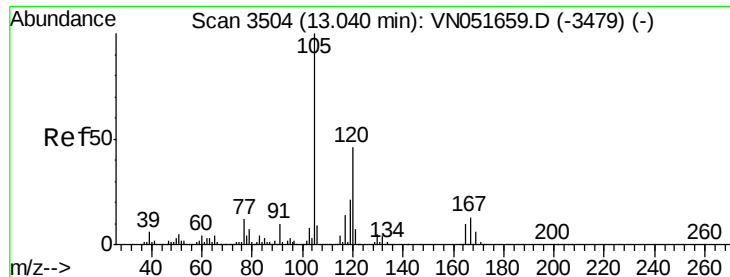


Abundance Ion 119.00 (118.70 to 119.70): VN051706.D (-3397) (-)

Ion 91.00 (90.70 to 91.70): VN051706.D (-3397) (-)

Ion 134.00 (133.70 to 134.70): VN051706.D (-3397) (-)





#84

1,2,4-Trimethylbenzene

Concen: 22.576 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051706.D

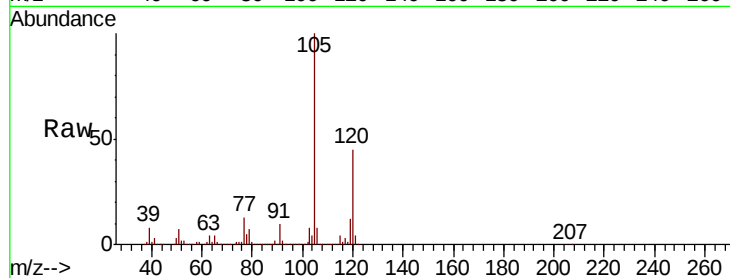
Acq: 5 Oct 2018 23:39

Tot Ion:105 Resp: 583404

Ion Ratio Lower Upper

105 100

120 46.2 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

400000

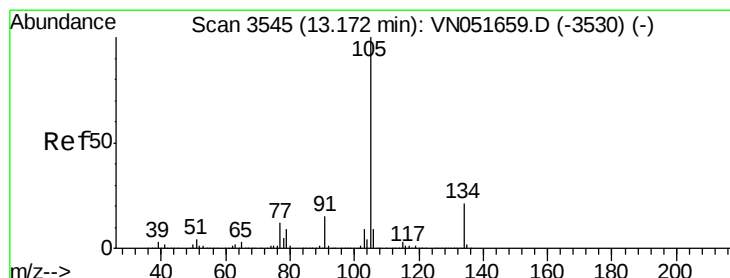
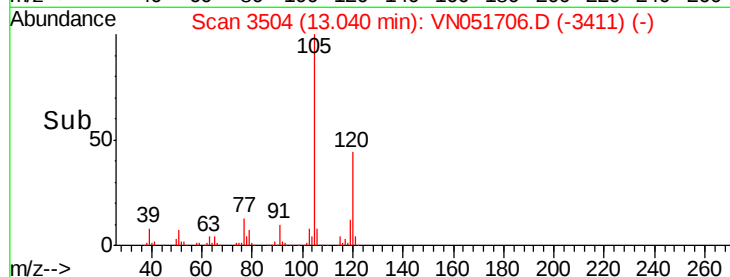
300000

200000

100000

0

Time--> 12.95 13.00 13.05 13.10



#85

sec-Butylbenzene

Concen: 0.759 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051706.D

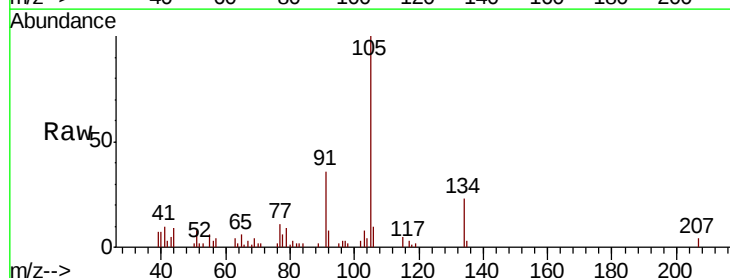
Acq: 5 Oct 2018 23:39

Tgt Ion:105 Resp: 23203

Ion Ratio Lower Upper

105 100

134 36.5 10.5 31.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

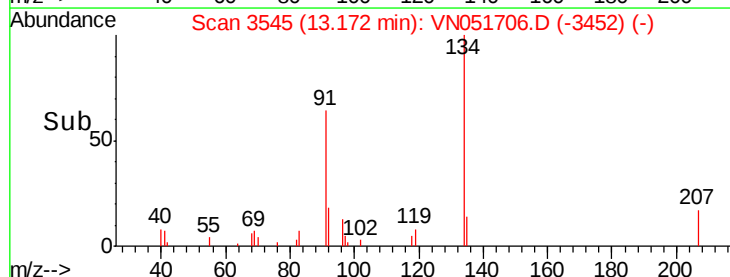
15000

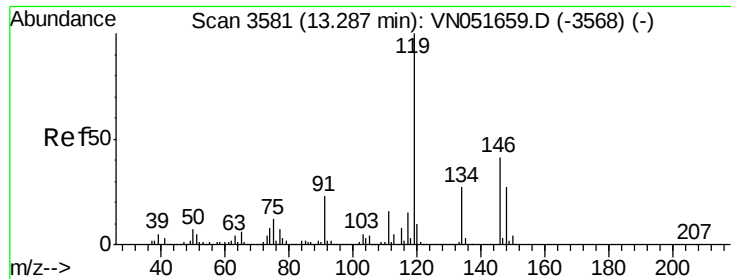
10000

5000

0

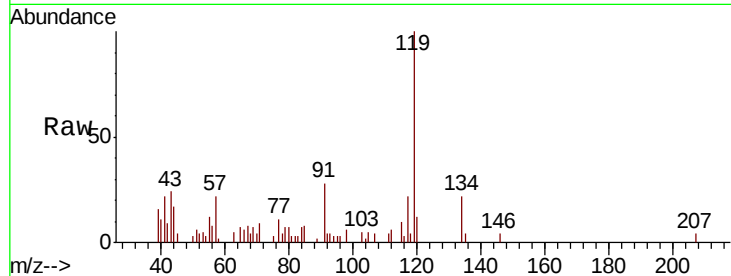
Time--> 13.10 13.15 13.20



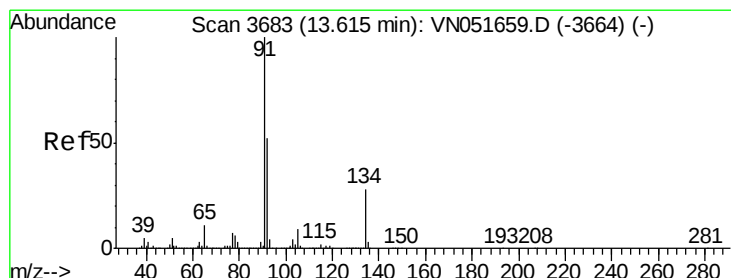
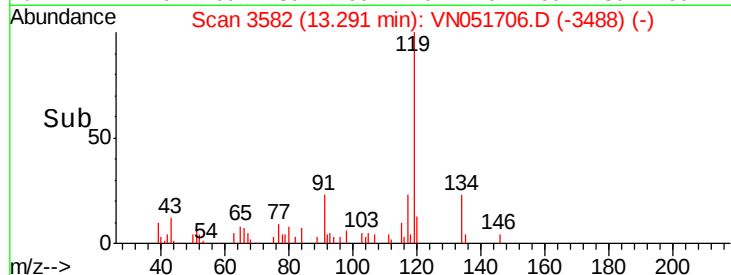
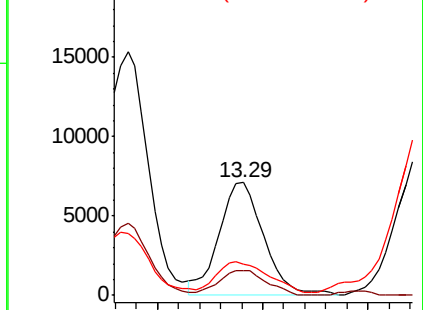


#86
p-Isopropyltoluene
Concen: 0.387 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

Tot Ion: 119 Resp: 10494
Ion Ratio Lower Upper
119 100
134 23.8 13.4 40.2
91 29.8 11.7 35.1

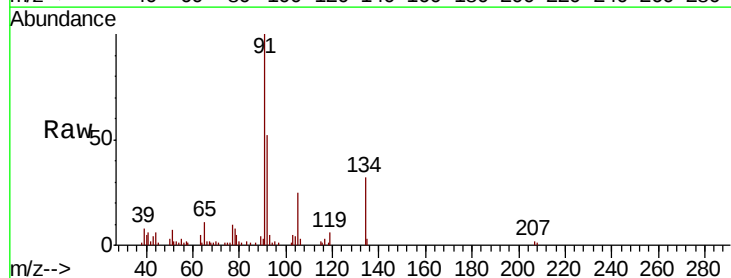


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

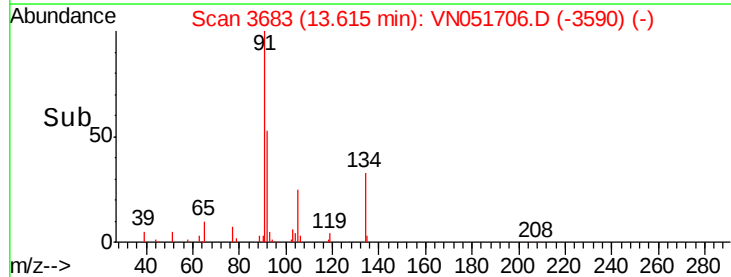
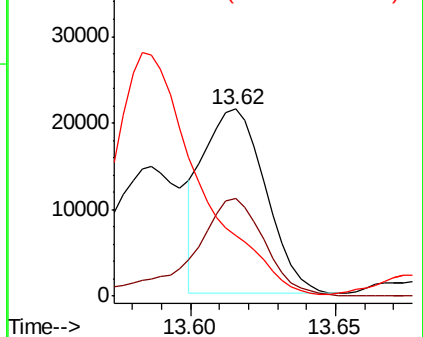


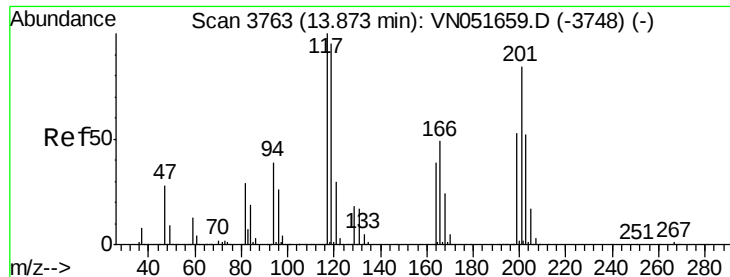
#89
n-Butylbenzene
Concen: 1.483 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

Tgt Ion: 91 Resp: 31796
Ion Ratio Lower Upper
91 100
92 62.0 26.0 78.0
134 0.0 14.2 42.6#



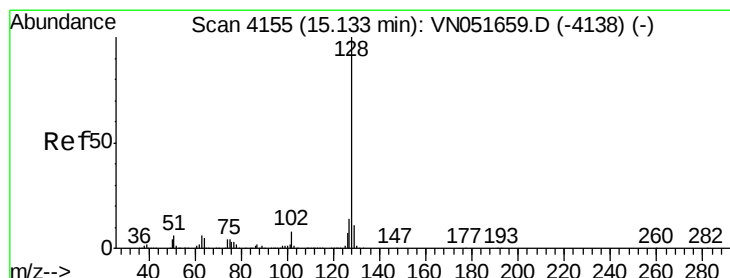
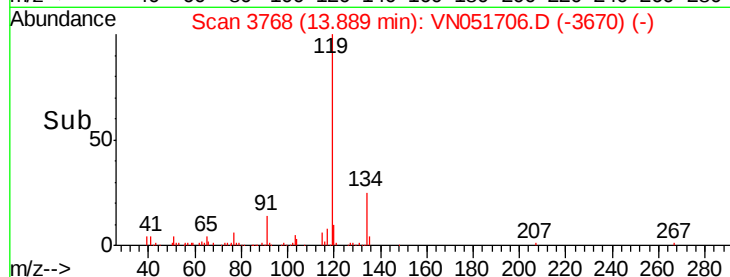
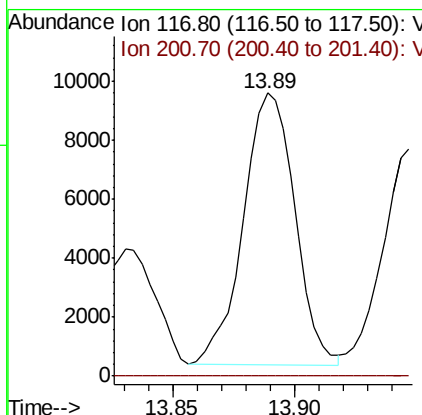
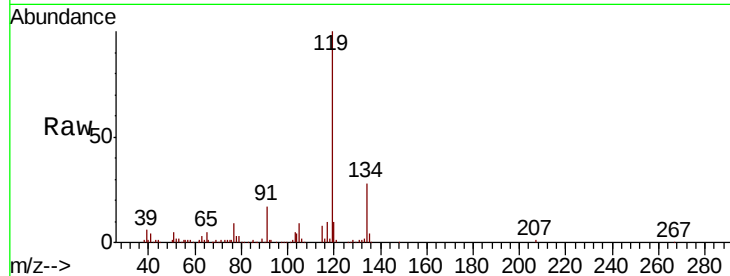
Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V
Ion 134.00 (133.70 to 134.70): V





#90
Hexachloroethane
Concen: 2.498 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

Tot Ion:117 Resp: 13513
Ion Ratio Lower Upper
117 100
201 0.0 42.4 127.3#



#95
Naphthalene
Concen: 2.320 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051706.D
Acq: 5 Oct 2018 23:39

Tgt Ion:128 Resp: 28910
Ion Ratio Lower Upper
128 100
127 13.9 10.6 15.8
129 10.6 9.0 13.6

