

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\
 Data File : VN051708.D
 Acq On : 6 Oct 2018 00:28
 Operator : MD\SY
 Sample : J5084-04DL 100X
 Misc : 4.21u/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 38 Sample Multiplier: 28

Quant Time: Oct 06 01:23:54 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	688039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	993882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	867809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	376879	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	408036	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
35) Dibromofluoromethane	7.59	113	374772	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	10.09	98	1408922	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.40	95	411855	40.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.18%	

Target Compounds

					Qvalue	
7) Trichlorofluoromethane	3.00	101	74	Below Cal	#	32
13) Acrolein	3.62	56	107	0.277	ug/l	93
16) Acetone	3.82	43	749	Below Cal	#	44
18) Methyl Acetate	4.34	43	1617	0.322	ug/l #	56
29) Tetrahydrofuran	7.21	42	372	0.231	ug/l #	28
31) Cyclohexane	7.67	56	16284	1.320	ug/l #	35
36) 1,1-Dichloropropene	7.67	75	46141	4.442	ug/l #	42
38) Carbon Tetrachloride	7.67	117	62886	5.045	ug/l #	15
39) Methylcyclohexane	9.08	83	8885	0.681	ug/l	94
41) Methacrylonitrile	7.16	41	41	Below Cal	#	1
48) Methyl methacrylate	9.23	41	1236	0.239	ug/l #	23
51) 4-Methyl-2-Pentanone	10.02	43	2736	0.478	ug/l #	65
52) Toluene	10.16	92	82602	4.033	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	6604	0.905	ug/l #	22
67) Ethyl Benzene	11.51	91	182543	4.914	ug/l	100
68) m/p-Xylenes	11.62	106	394367	26.532	ug/l	100
69) o-Xylene	11.95	106	172922	11.863	ug/l	98
70) Styrene	11.95	104	10299	0.443	ug/l #	1
71) Bromoform	12.41	173	3726	0.582	ug/l #	1
73) Isopropylbenzene	12.25	105	40045	1.246	ug/l	100
74) N-amyl acetate	12.07	43	420	Below Cal	#	38
75) 1,1,2,2-Tetrachloroethane	12.49	83	345	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	223730	47.578	ug/l #	100
78) n-propylbenzene	12.59	91	164175	4.685	ug/l	98
79) 2-Chlorotoluene	12.65	91	89103	4.315	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.73	105	322150	11.899	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	223730	109.122	ug/l #	15
82) 4-Chlorotoluene	12.73	91	34270	1.652	ug/l #	39
83) tert-Butylbenzene	13.04	119	136554	5.629	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.04	105	1124929	41.481	ug/l	99
85) sec-Butylbenzene	13.04	105	1124929	35.055	ug/l #	55
86) p-Isopropyltoluene	13.29	119	16818	0.591	ug/l	98
89) n-Butylbenzene	13.61	91	48018	2.135	ug/l #	68
90) Hexachloroethane	13.89	117	23993	4.227	ug/l #	7

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Misc : 4.21g/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 38 Sample Multiplier: 28

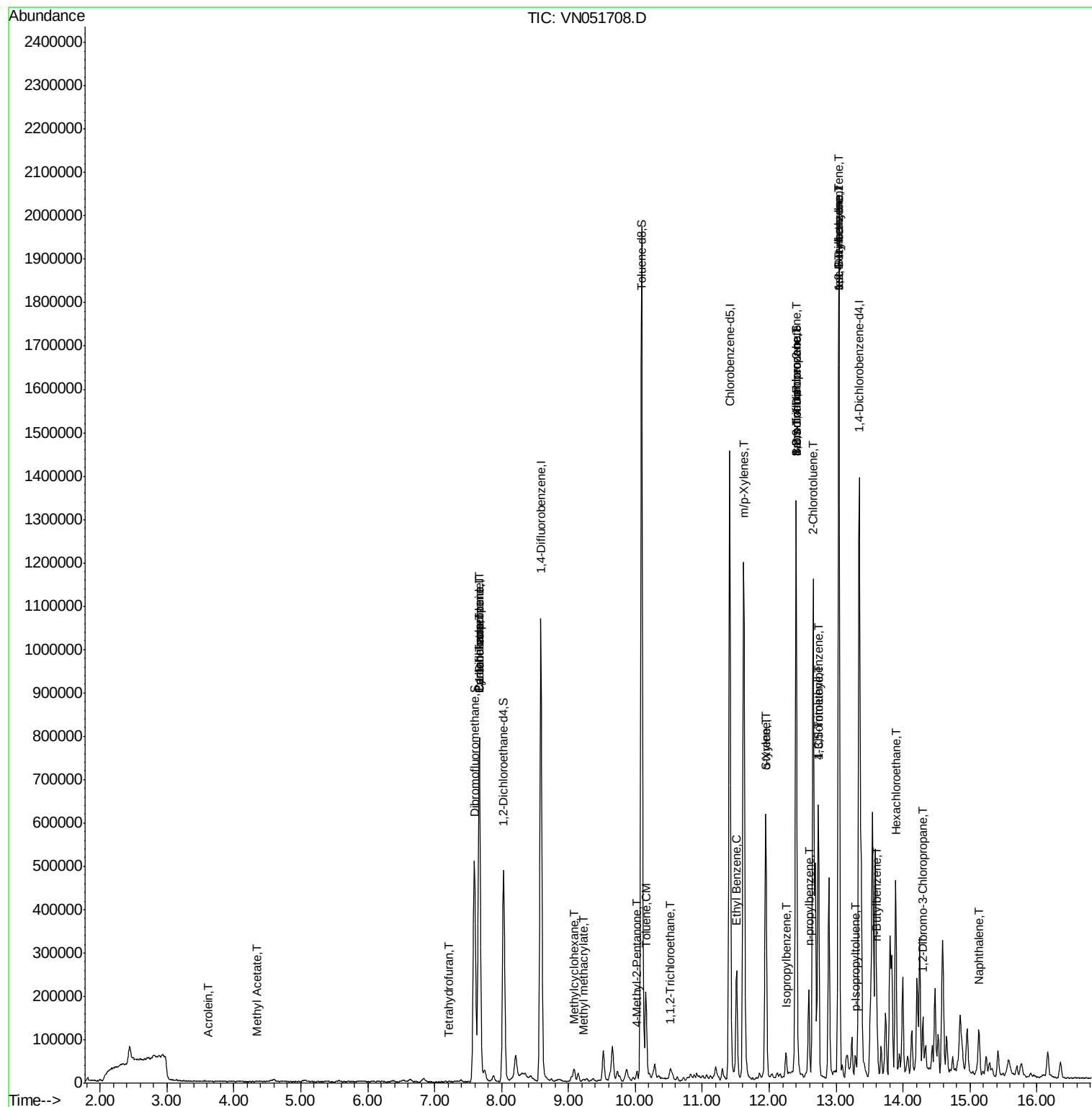
Quant Time: Oct 06 01:23:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
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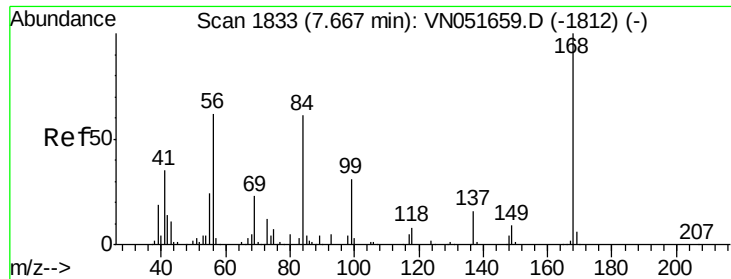
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.28	75	317	0.281	ug/l #	1
95) Naphthalene	15.13	128	82329	6.296	ug/l	98

(#) = 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: VN051708.D

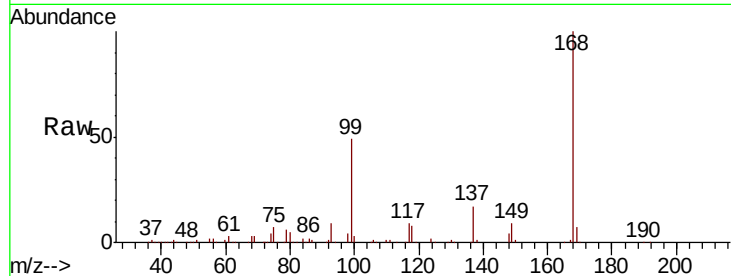
Acq: 6 Oct 2018 00:28

Tot Ion:168 Resp: 688039

Ion Ratio Lower Upper

168 100

99 49.4 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

200000

100000

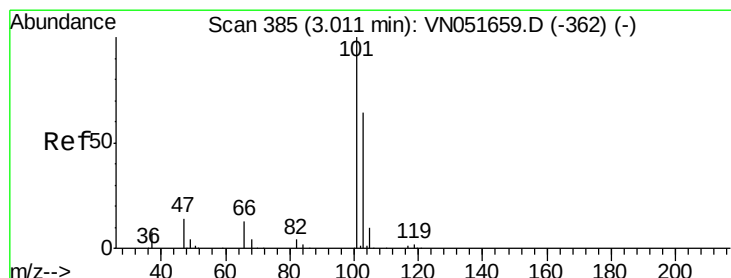
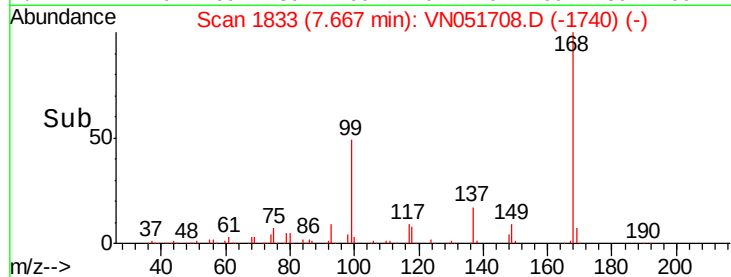
0

Time-->

7.60

7.70

7.80



#7

Trichlorofluoromethane

Concen: Below Cal

RT: 3.00 min Scan# 382

Delta R.T. -0.01 min

Lab File: VN051708.D

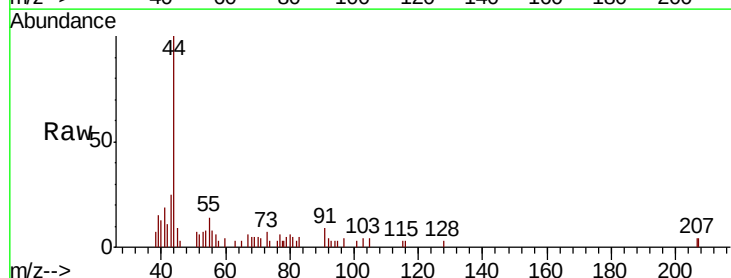
Acq: 6 Oct 2018 00:28

Tgt Ion:101 Resp: 74

Ion Ratio Lower Upper

101 100

103 116.9 51.1 76.7#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

300

200

100

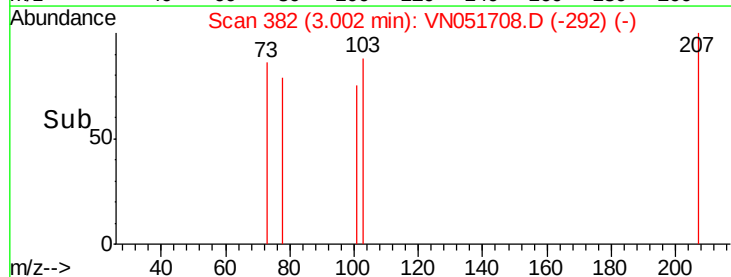
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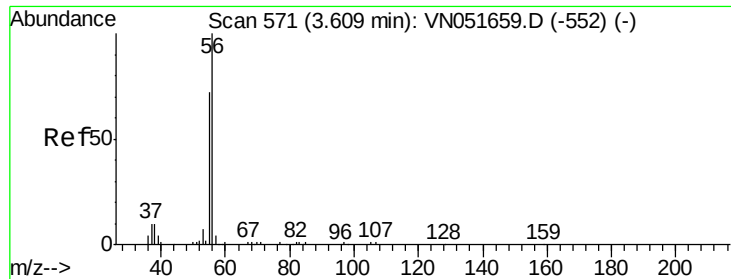
Time-->

2.99

3.00

3.01





#13

Acrolein

Concen: 0.277 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN051708.D

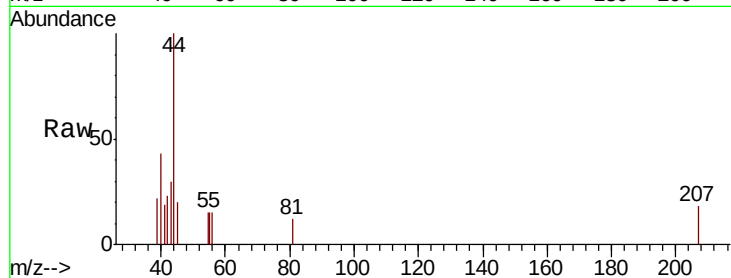
Acq: 6 Oct 2018 00:28

Tot Ion: 56 Resp: 107

Ion Ratio Lower Upper

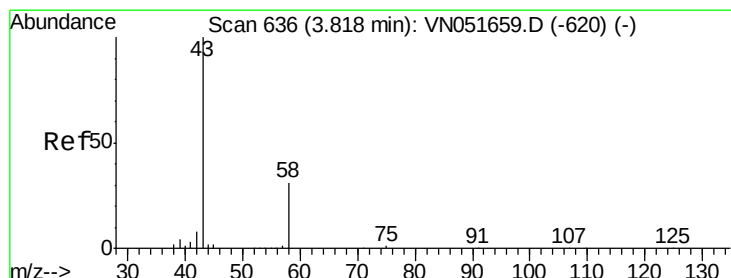
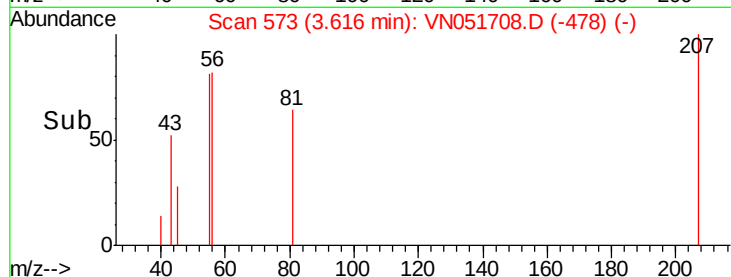
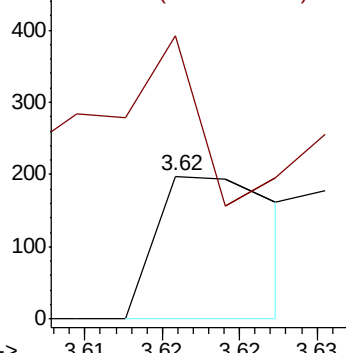
56 100

55 66.4 57.5 86.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051708.D

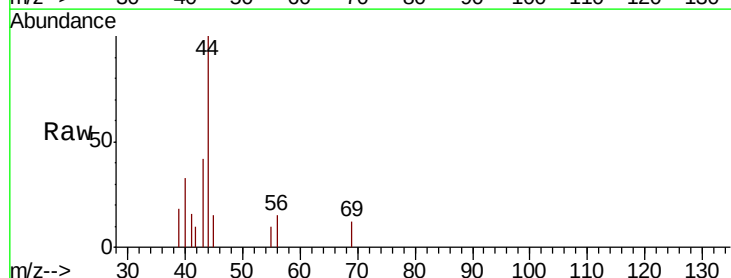
Acq: 6 Oct 2018 00:28

Tgt Ion: 43 Resp: 749

Ion Ratio Lower Upper

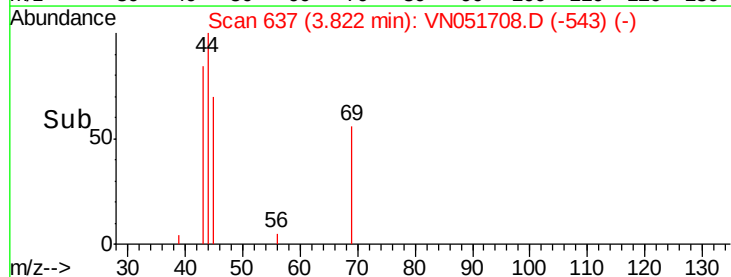
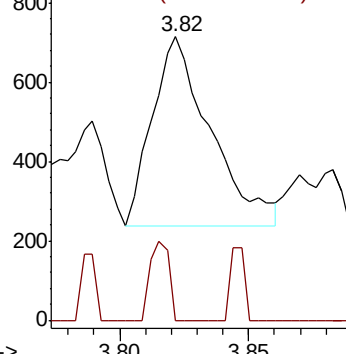
43 100

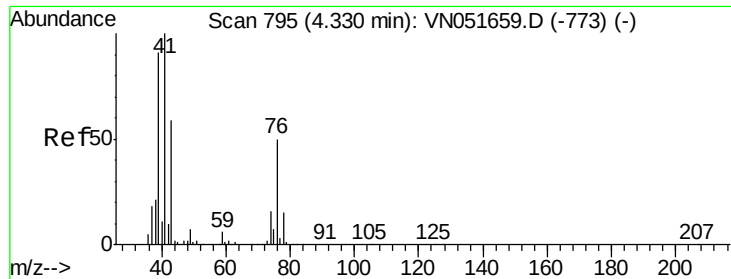
58 0.0 24.3 36.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

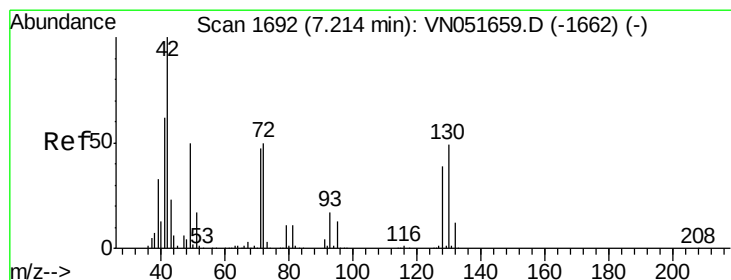
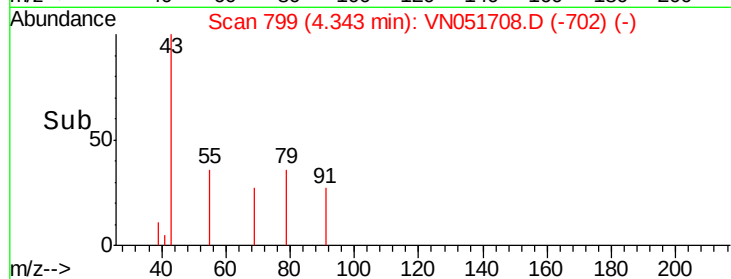
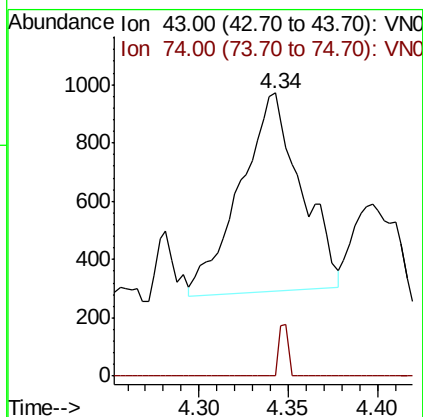
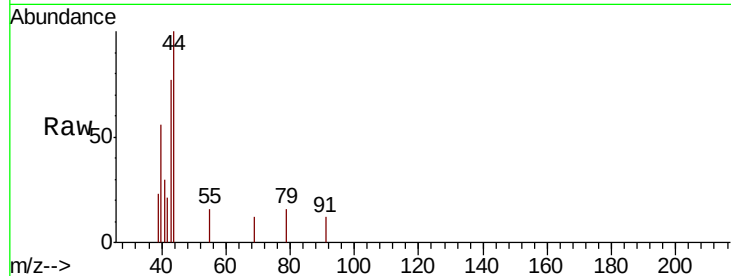
Ion 58.00 (57.70 to 58.70): VN0





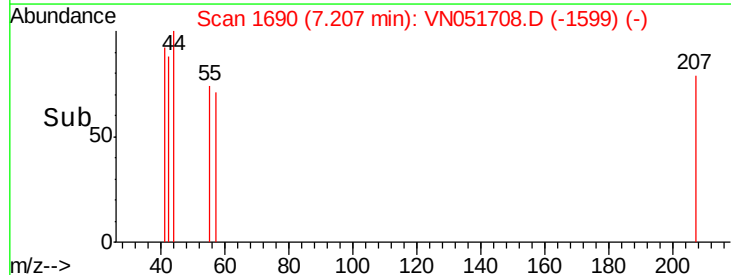
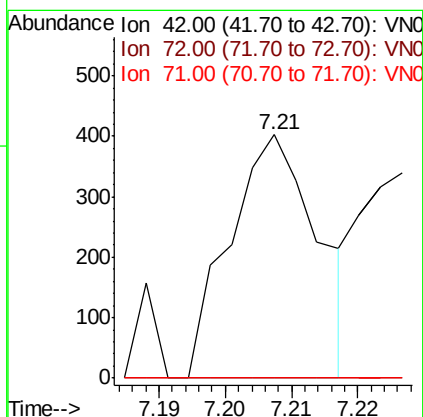
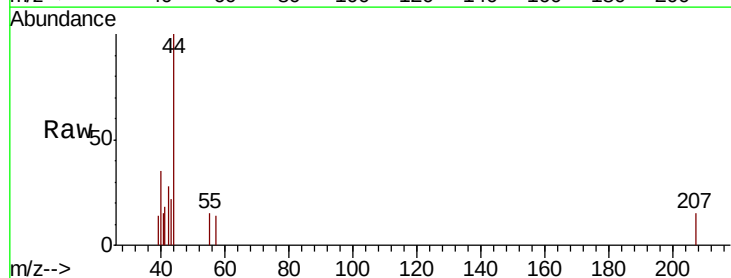
#18
Methyl Acetate
Concen: 0.322 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.01 min
Lab File: VN051708.D
Acq: 6 Oct 2018 00:28

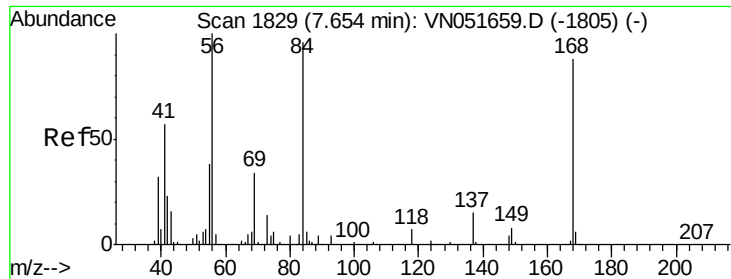
Tot Ion: 43 Resp: 1617
Ion Ratio Lower Upper
43 100
74 4.2 21.5 32.3#



#29
Tetrahydrofuran
Concen: 0.231 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VN051708.D
Acq: 6 Oct 2018 00:28

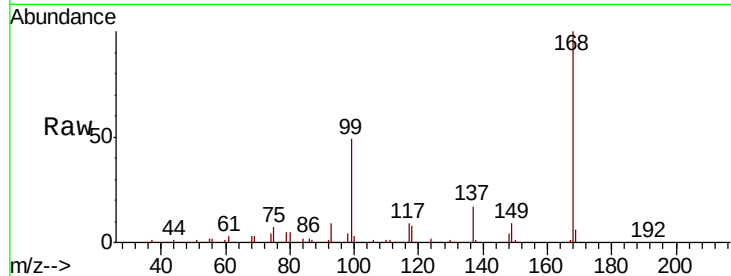
Tgt Ion: 42 Resp: 372
Ion Ratio Lower Upper
42 100
72 0.0 40.1 60.1#
71 0.0 38.0 57.0#



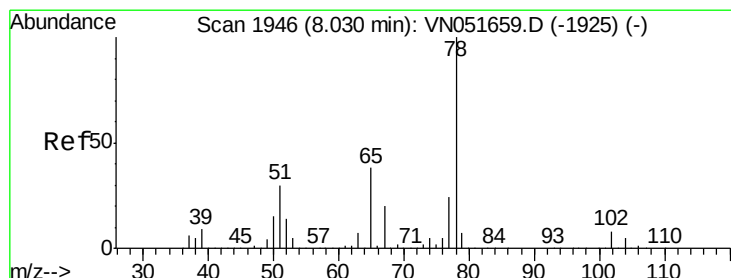
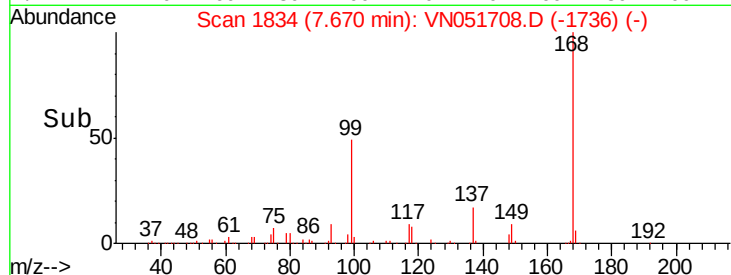
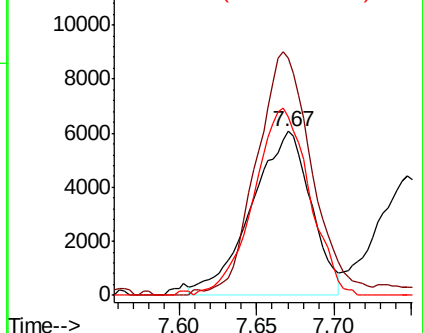


#31
Cvclohexane
Concen: 1.320 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.02 min
Lab File: VN051708.D
Acq: 6 Oct 2018 00:28

Tot Ion: 56 Resp: 16284
Ion Ratio Lower Upper
56 100
69 151.6 27.5 41.3#
84 111.4 76.7 115.1

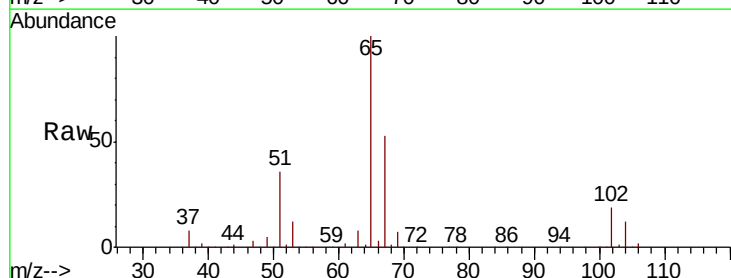


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

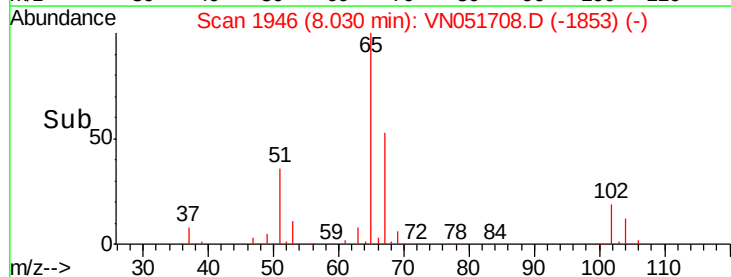
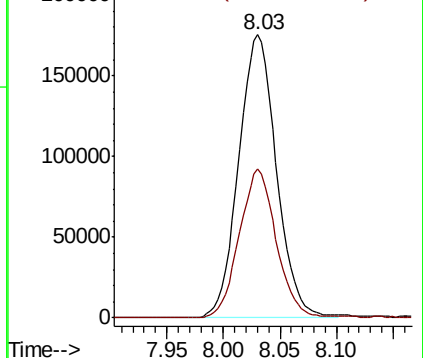


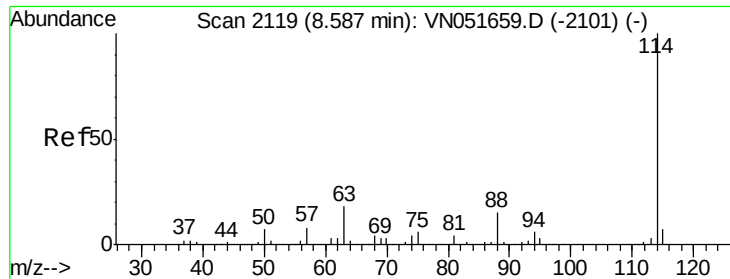
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051708.D
Acq: 6 Oct 2018 00:28

Tgt Ion: 65 Resp: 408036
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.6



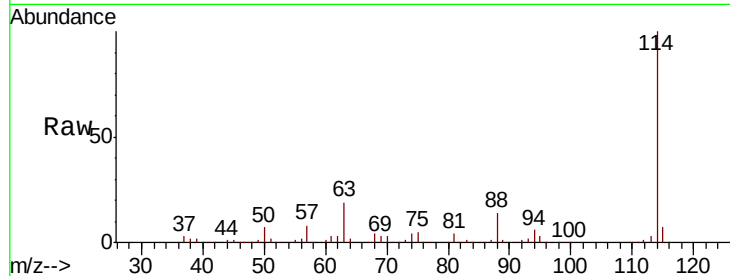
Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0



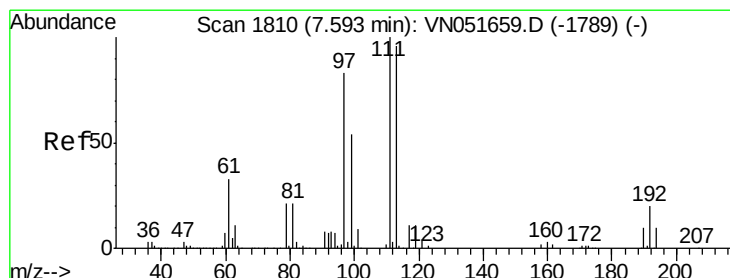
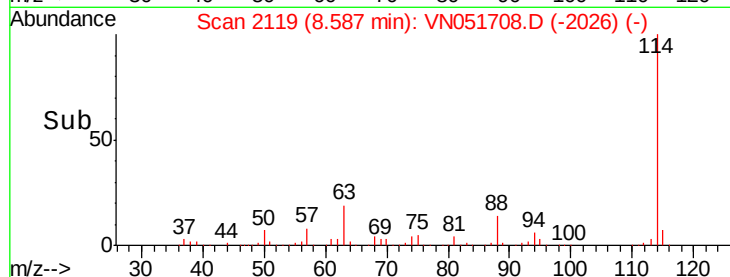
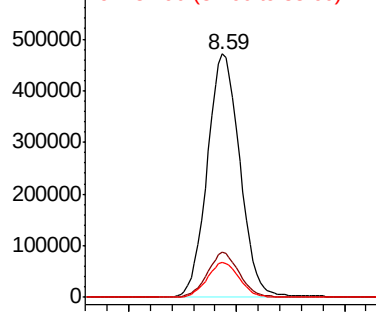


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051708.D
 Acq: 6 Oct 2018 00:28

Tot Ion:114 Resp: 993882
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 36.2
 88 14.3 0.0 30.2

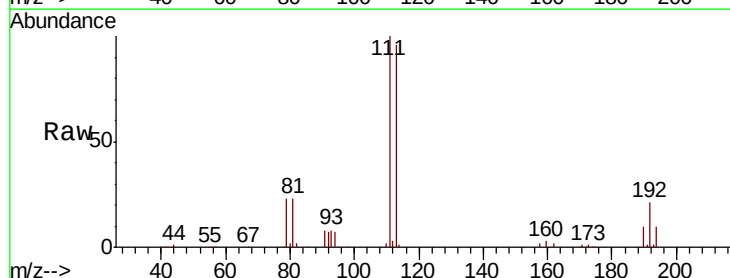


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 87.90 (87.60 to 88.60): VNO

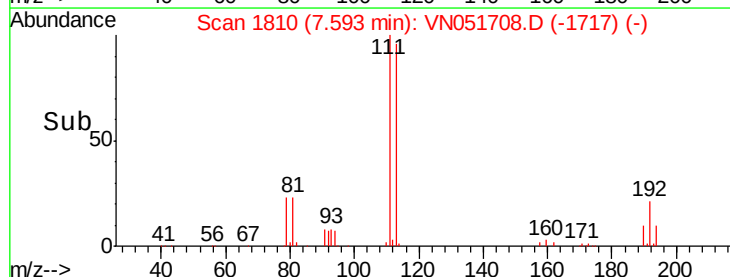
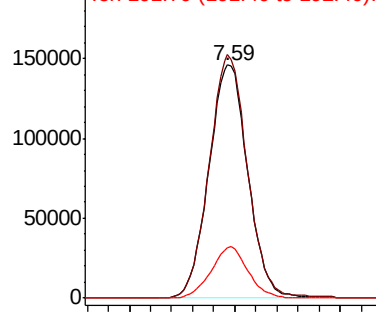


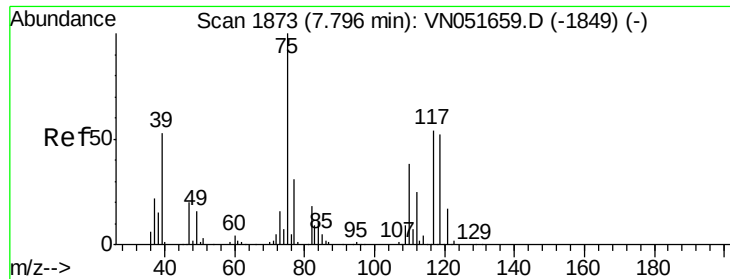
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051708.D
 Acq: 6 Oct 2018 00:28

Tgt Ion:113 Resp: 374772
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.8 122.8
 192 20.8 16.5 24.7



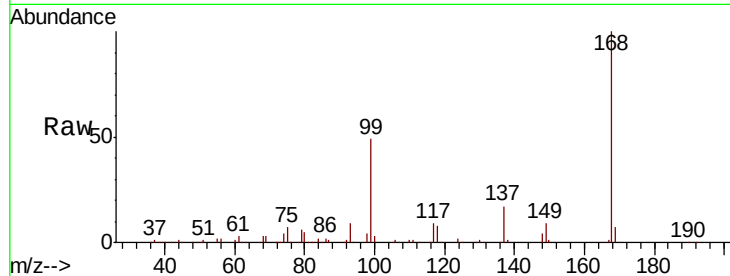
Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



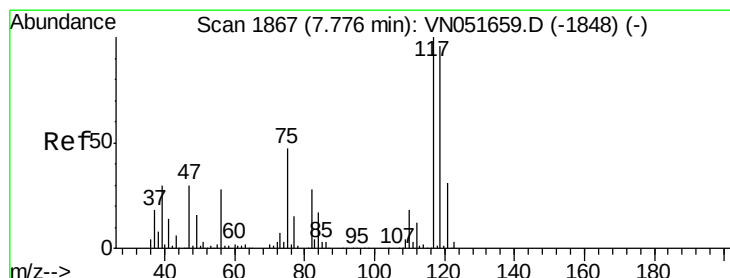
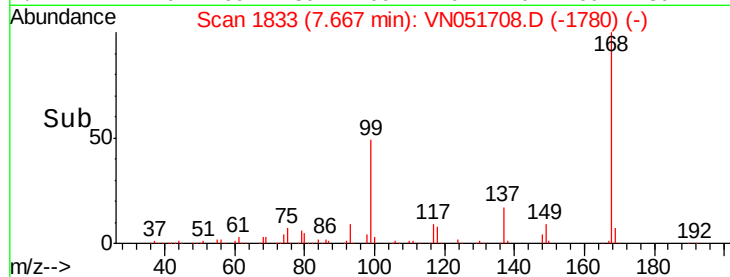
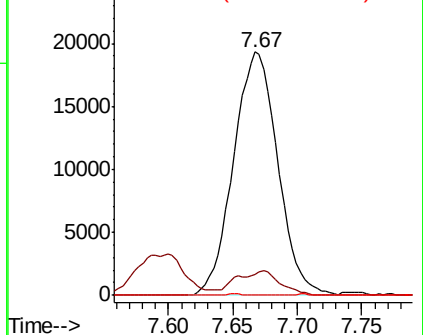


#36
 1,1-Dichloropropene
 Concen: 4.442 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051708.D
 Acq: 6 Oct 2018 00:28

Tot Ion	75	Resp	46141
Ion Ratio	100	Lower	Upper
75	100		
110	2.4	19.3	57.8#
77	0.2	24.7	37.1#

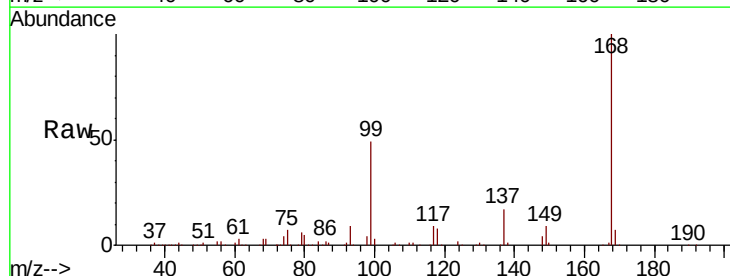


Abundance Ion 74.90 (74.60 to 75.60): VN051659.D (-1849) (-)
 Ion 109.90 (109.60 to 110.60): VN051659.D (-1849) (-)
 Ion 76.90 (76.60 to 77.60): VN051659.D (-1849) (-)

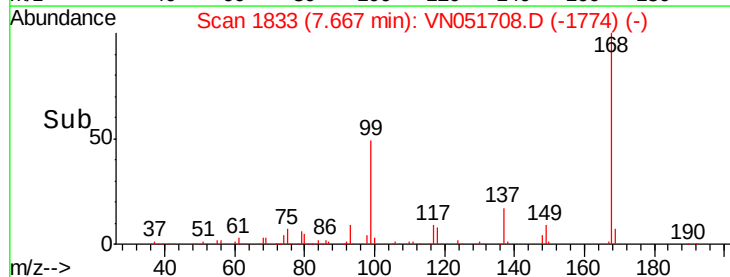
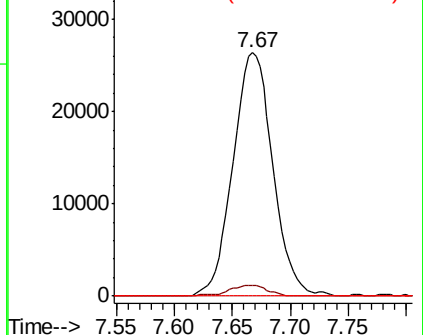


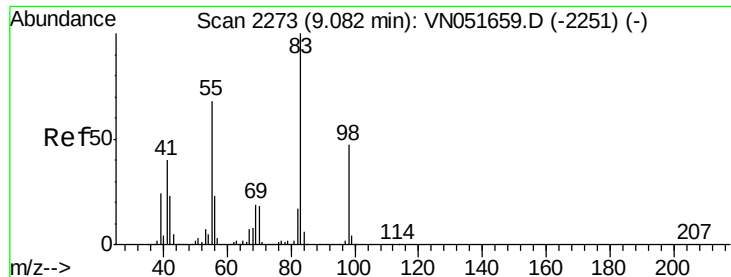
#38
 Carbon Tetrachloride
 Concen: 5.045 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051708.D
 Acq: 6 Oct 2018 00:28

Tgt Ion	117	Resp	62886
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.6	77.0	115.6#
121	0.0	25.0	37.6#



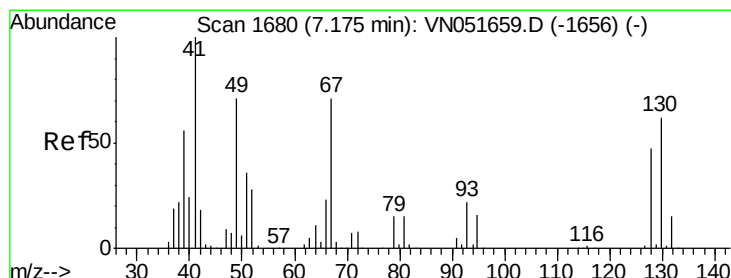
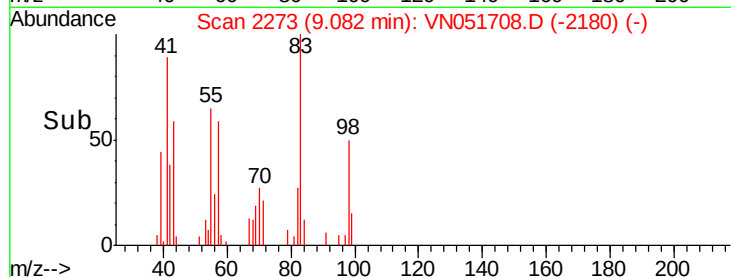
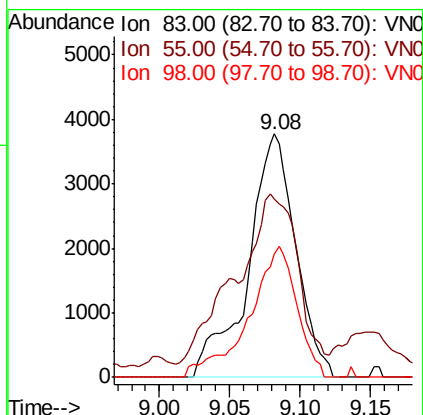
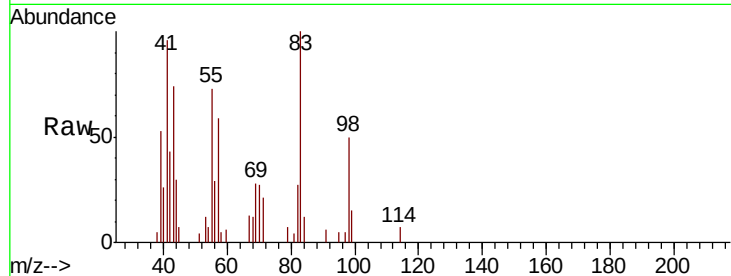
Abundance Ion 116.80 (116.50 to 117.50): VN051659.D (-1848) (-)
 Ion 118.80 (118.50 to 119.50): VN051659.D (-1848) (-)
 Ion 120.80 (120.50 to 121.50): VN051659.D (-1848) (-)





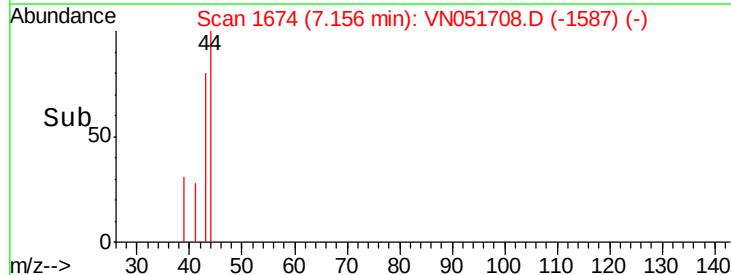
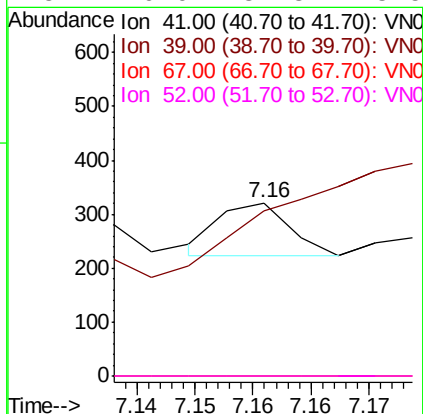
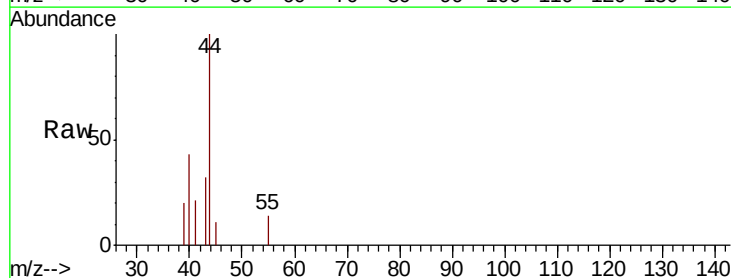
#39
Methylcyclohexane
Concen: 0.681 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051708.D
Acq: 6 Oct 2018 00:28

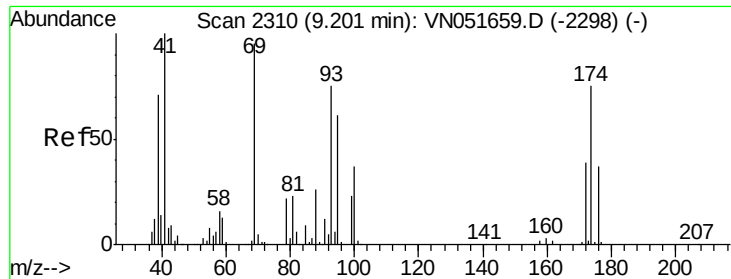
Tot Ion: 83 Resp: 8885
Ion Ratio Lower Upper
83 100
55 62.1 54.3 81.5
98 50.5 37.4 56.2



#41
Methacrylonitrile
Concen: Below Cal
RT: 7.16 min Scan# 1674
Delta R.T. -0.02 min
Lab File: VN051708.D
Acq: 6 Oct 2018 00:28

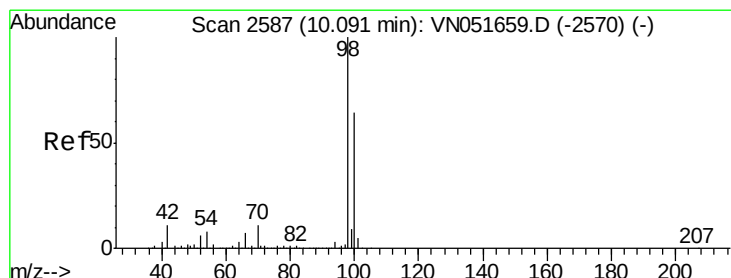
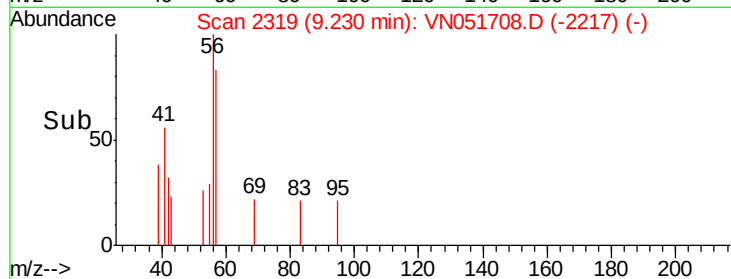
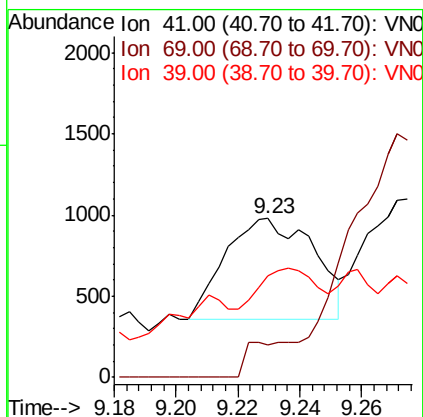
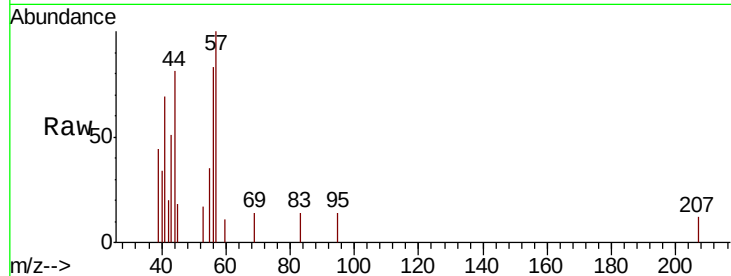
Tgt Ion: 41 Resp: 41
Ion Ratio Lower Upper
41 100
39 1739.0 53.9 80.9#
67 0.0 78.1 117.1#
52 0.0 32.3 48.5#





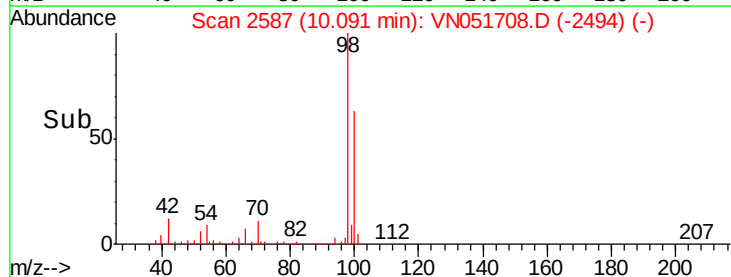
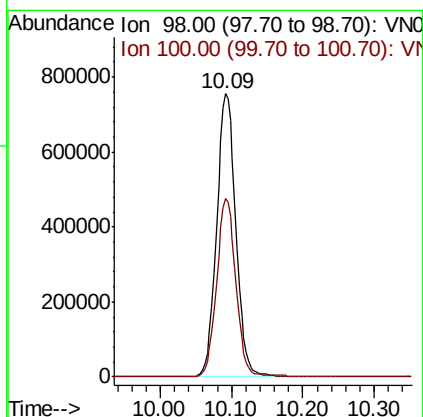
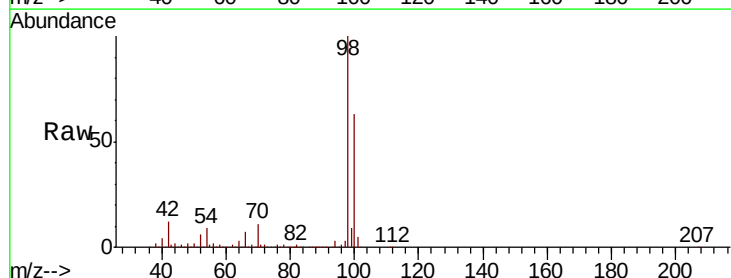
#48
Methyl methacrylate
Concen: 0.239 ug/l
RT: 9.23 min Scan# 2319
Delta R.T. 0.03 min
Lab File: VN051708.D
Acq: 6 Oct 2018 00:28

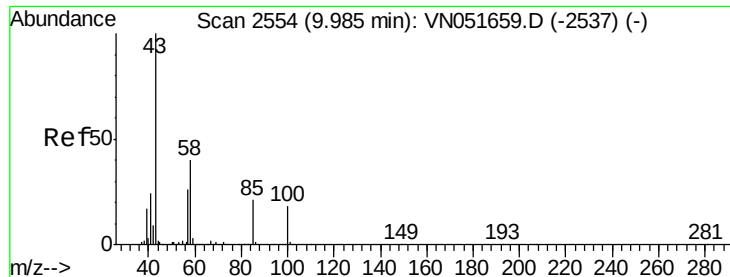
Tot Ion: 41 Resp: 1236
Ion Ratio Lower Upper
41 100
69 9.7 78.6 118.0#
39 23.6 59.2 88.8#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051708.D
Acq: 6 Oct 2018 00:28

Tgt Ion: 98 Resp: 1408922
Ion Ratio Lower Upper
98 100
100 63.2 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.478 ug/l

RT: 10.02 min Scan# 2565

Delta R.T. 0.04 min

Lab File: VN051708.D

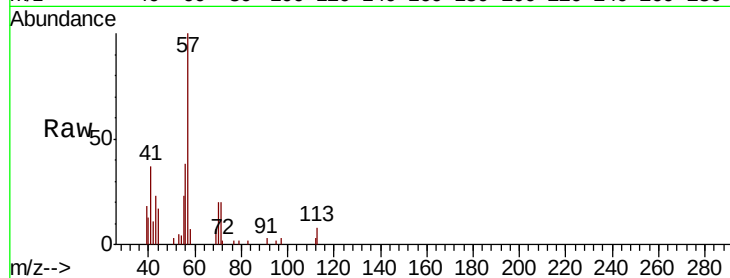
Acq: 6 Oct 2018 00:28

Tot Ion: 43 Resp: 2736

Ion Ratio Lower Upper

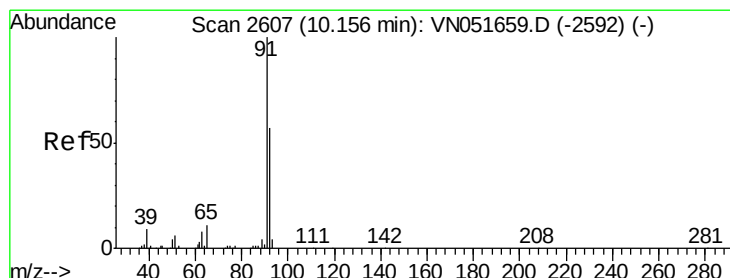
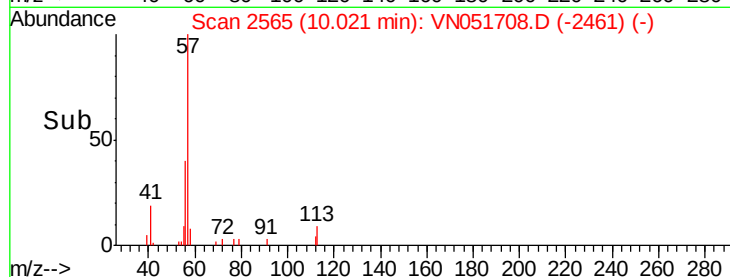
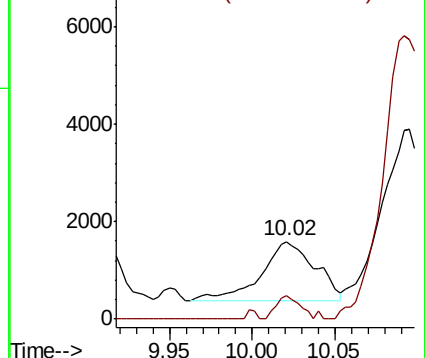
43 100

58 18.4 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: 4.033 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051708.D

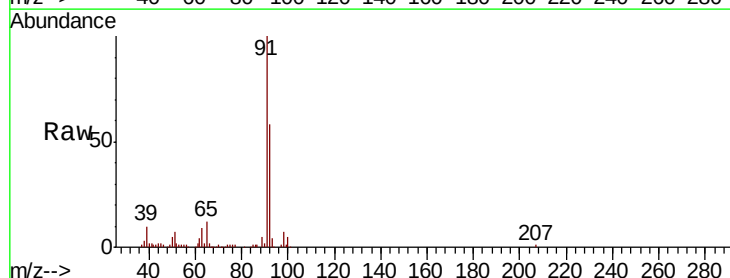
Acq: 6 Oct 2018 00:28

Tgt Ion: 92 Resp: 82602

Ion Ratio Lower Upper

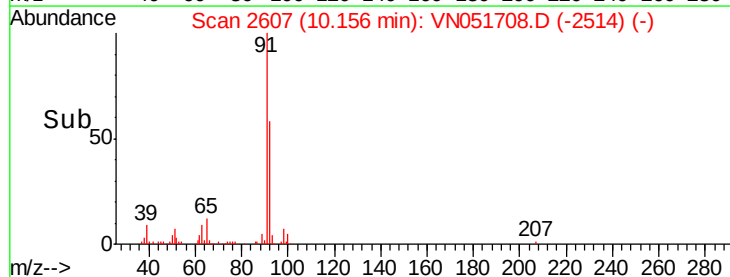
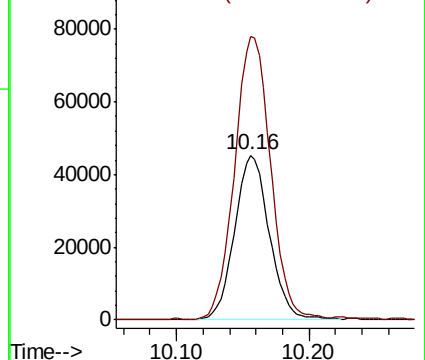
92 100

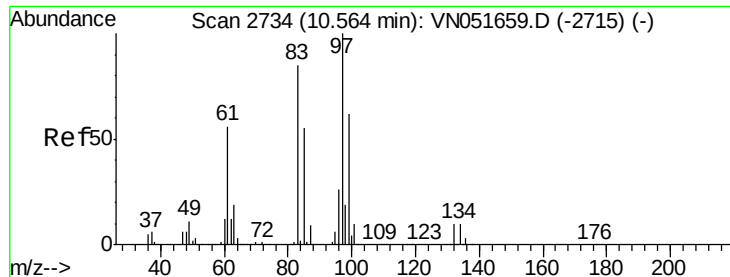
91 176.9 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

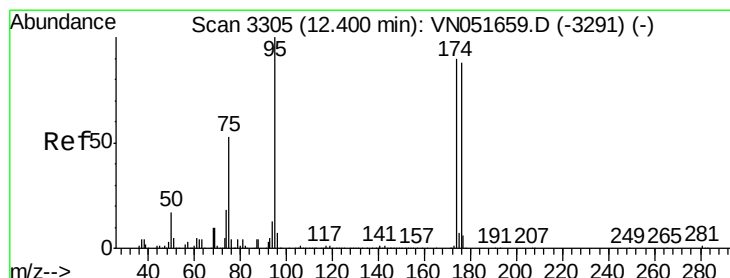
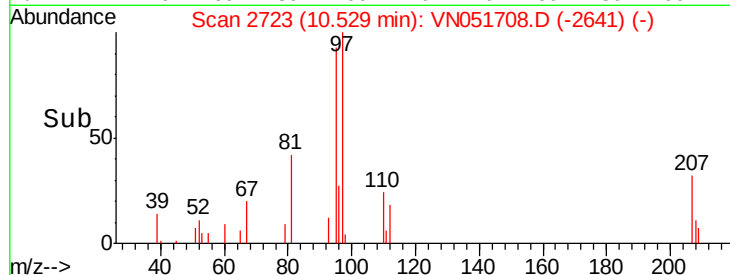
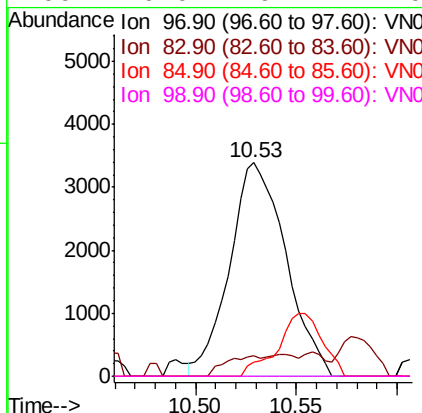
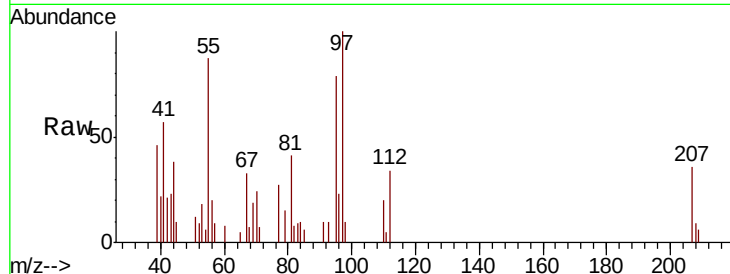
Ion 91.00 (90.70 to 91.70): VN0





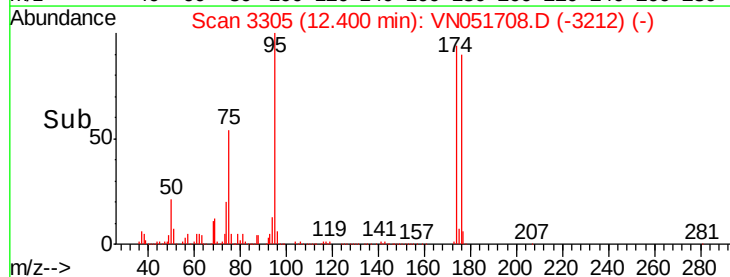
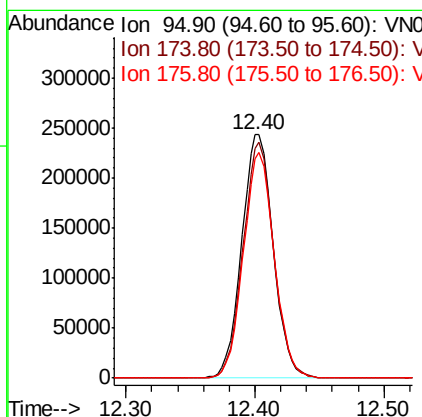
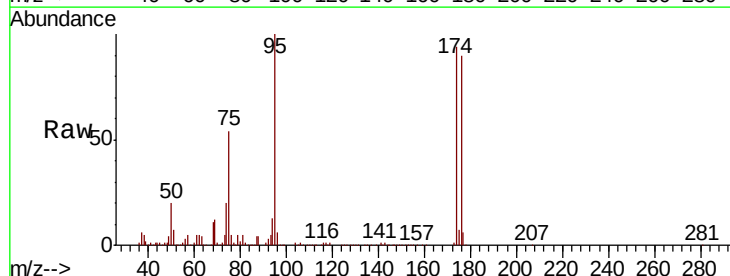
#55
 1,1,2-Trichloroethane
 Concen: 0.905 ug/l
 RT: 10.53 min Scan# 2723
 Delta R.T. -0.04 min
 Lab File: VN051708.D
 Acq: 6 Oct 2018 00:28

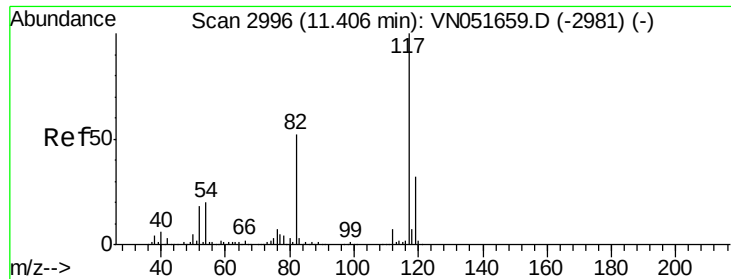
Tot Ion: 97 Resp: 6604
 Ion Ratio Lower Upper
 97 100
 83 9.5 68.1 102.1#
 85 6.3 43.6 65.4#
 99 0.0 49.4 74.0#



#62
 4-Bromofluorobenzene
 Concen: Below ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN051708.D
 Acq: 6 Oct 2018 00:28

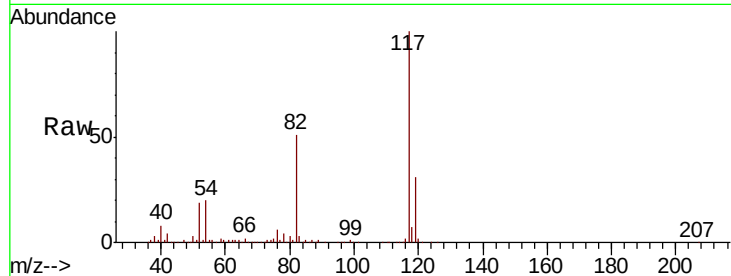
Tgt Ion: 95 Resp: 411855
 Ion Ratio Lower Upper
 95 100
 174 94.7 0.0 182.8
 176 91.4 0.0 176.4



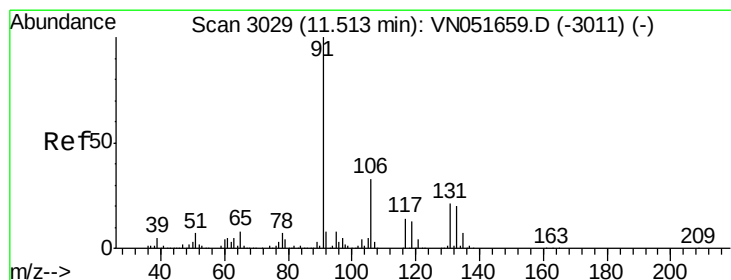
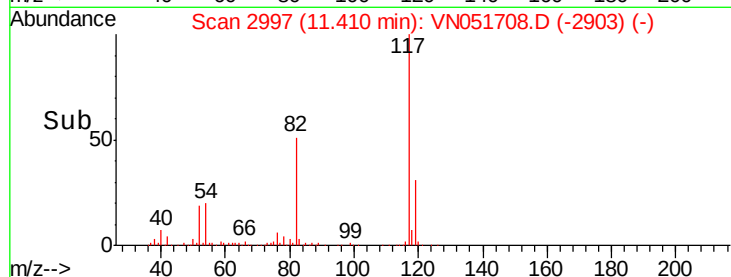
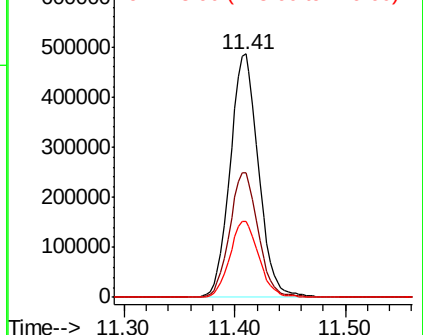


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051708.D
Acq: 6 Oct 2018 00:28

Tot Ion:117 Resp: 867809
Ion Ratio Lower Upper
117 100
82 51.0 41.3 61.9
119 31.3 25.9 38.9

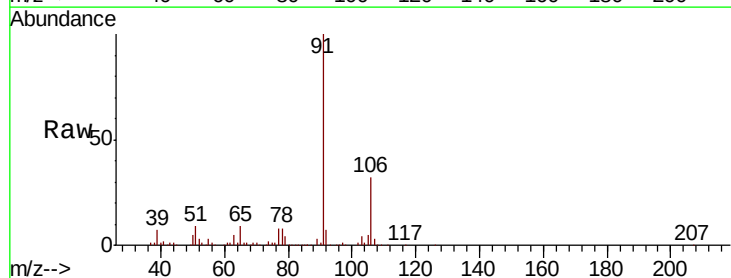


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

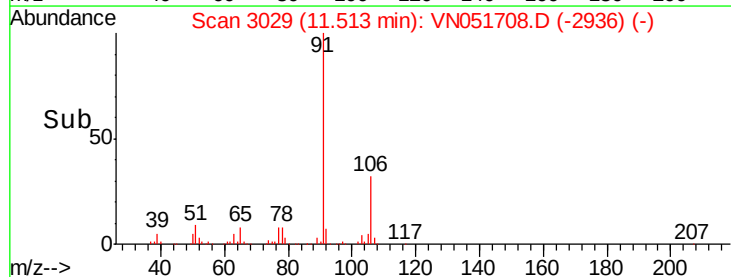
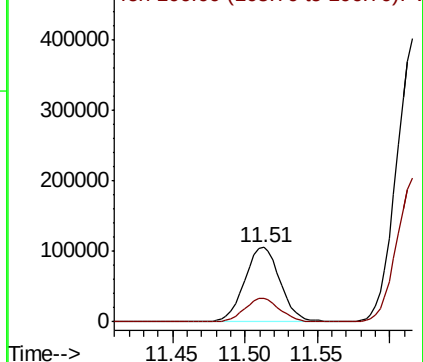


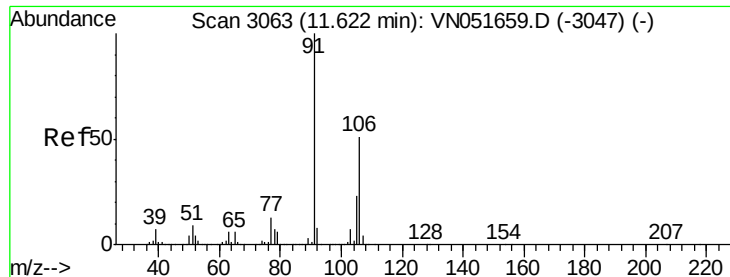
#67
Ethyl Benzene
Concen: 4.914 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051708.D
Acq: 6 Oct 2018 00:28

Tgt Ion: 91 Resp: 182543
Ion Ratio Lower Upper
91 100
106 32.3 26.0 39.0



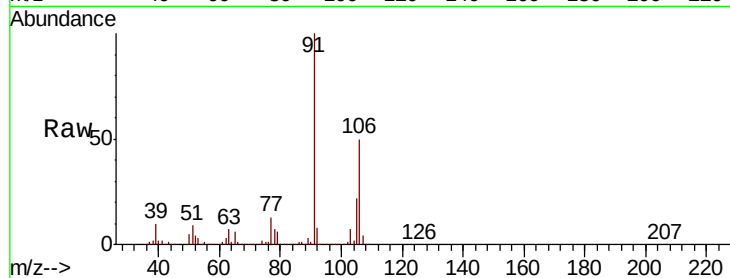
Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V



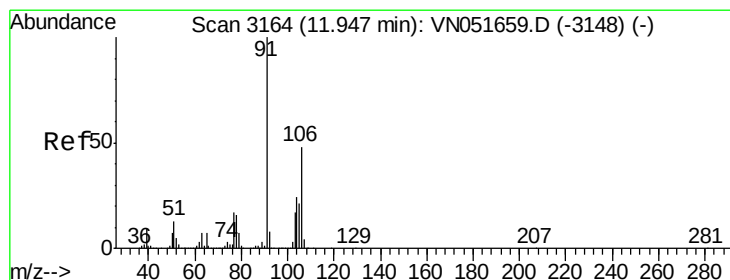
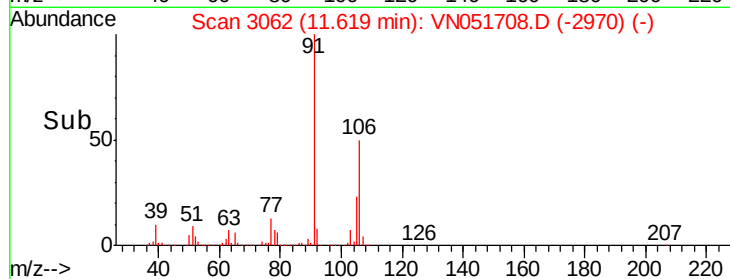
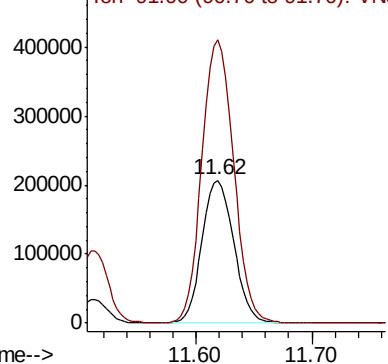


#68
m/p-Xylenes
Concen: 26.532 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051708.D
Acq: 6 Oct 2018 00:28

Tot Ion:106 Resp: 394367
Ion Ratio Lower Upper
106 100
91 198.4 158.4 237.6

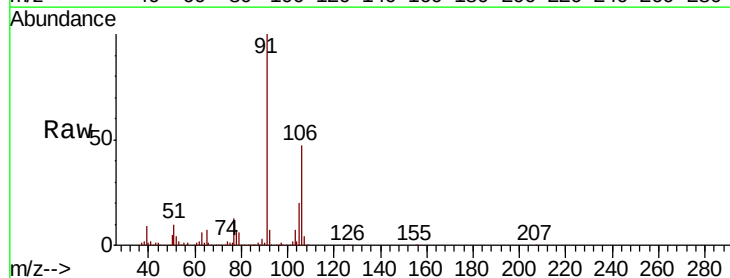


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

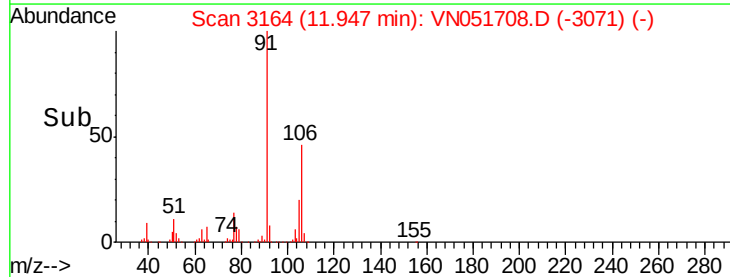
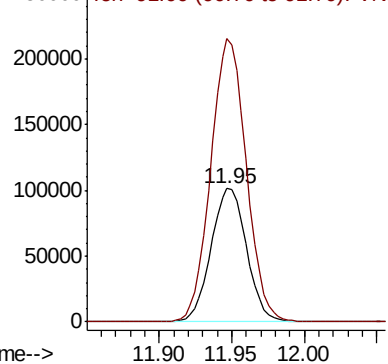


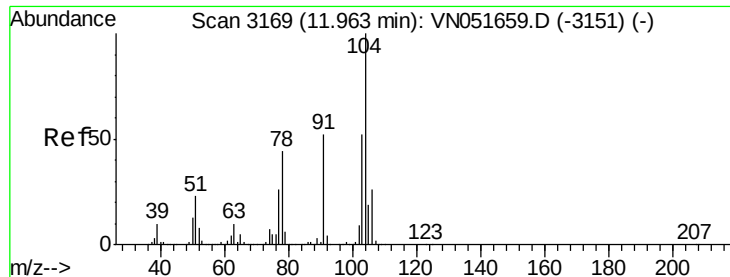
#69
o-Xylene
Concen: 11.863 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051708.D
Acq: 6 Oct 2018 00:28

Tgt Ion:106 Resp: 172922
Ion Ratio Lower Upper
106 100
91 212.3 104.4 313.2



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





#70

Stvrene

Concen: 0.443 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.02 min

Lab File: VN051708.D

Acq: 6 Oct 2018 00:28

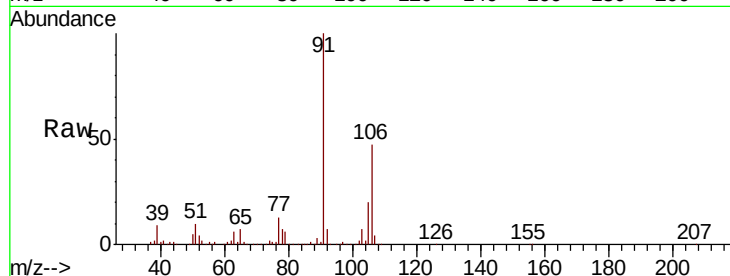
Tot Ion:104 Resp: 10299

Ion Ratio Lower Upper

104 100

78 261.8 39.3 58.9#

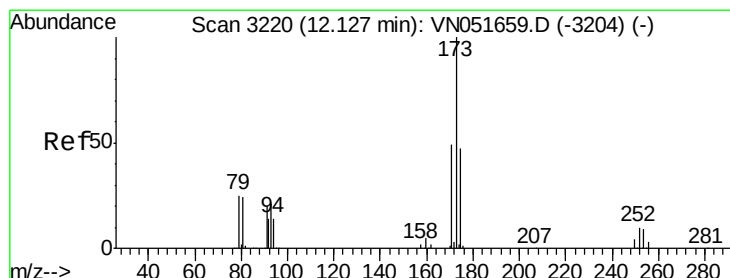
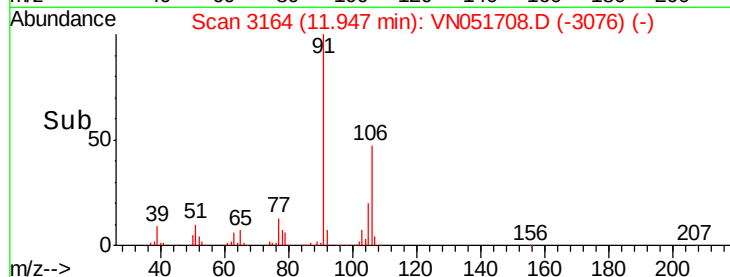
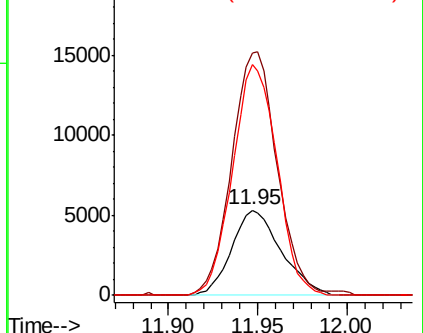
103 242.7 45.0 67.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.582 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN051708.D

Acq: 6 Oct 2018 00:28

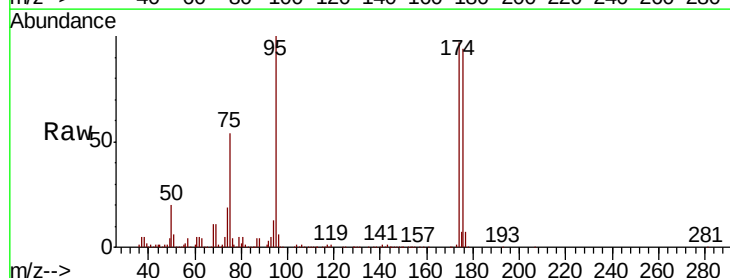
Tgt Ion:173 Resp: 3726

Ion Ratio Lower Upper

173 100

175 656.4 24.0 72.0#

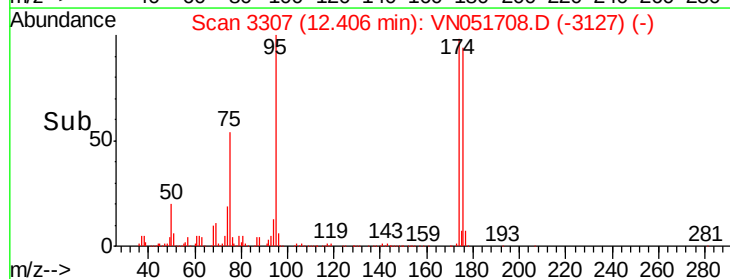
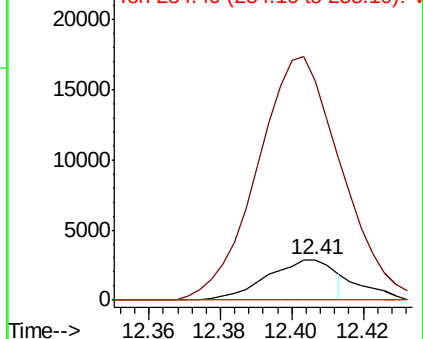
254 0.0 0.1 0.1#

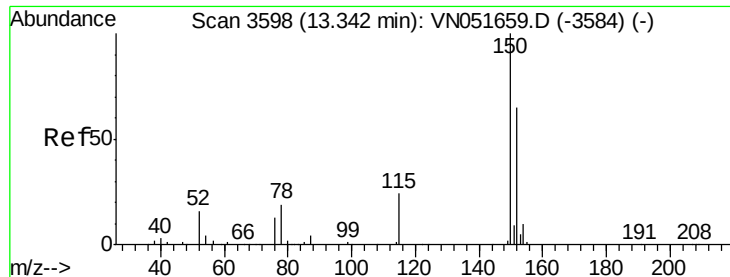


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

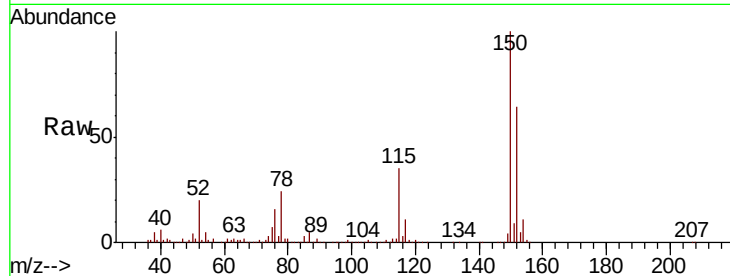




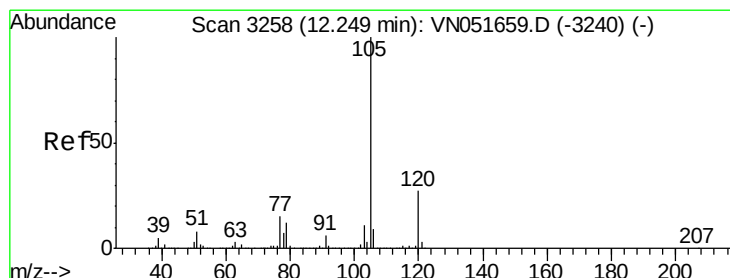
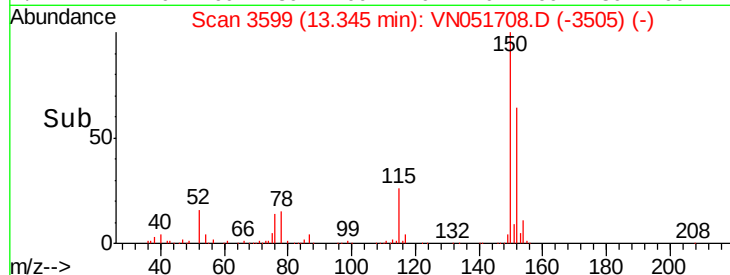
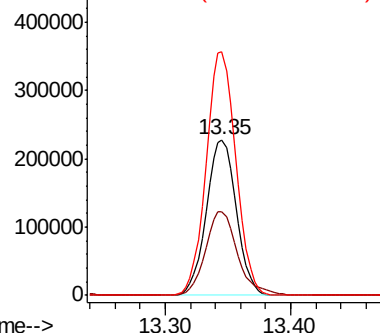
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051708.D
Acq: 6 Oct 2018 00:28

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.6	85.8
150	155.9	0.0	352.4



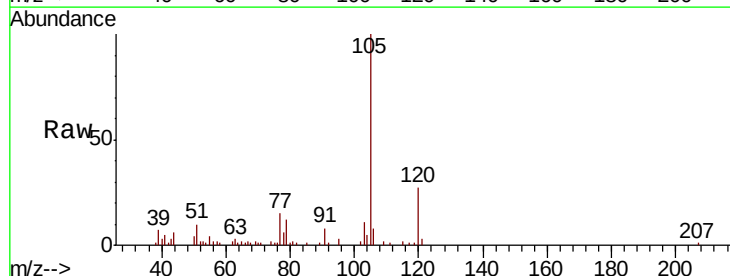
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



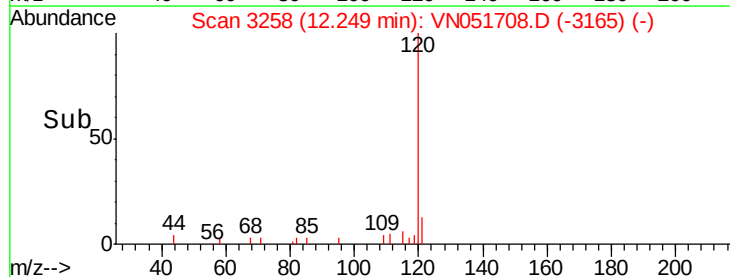
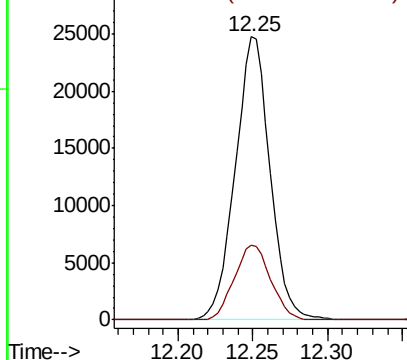
#73

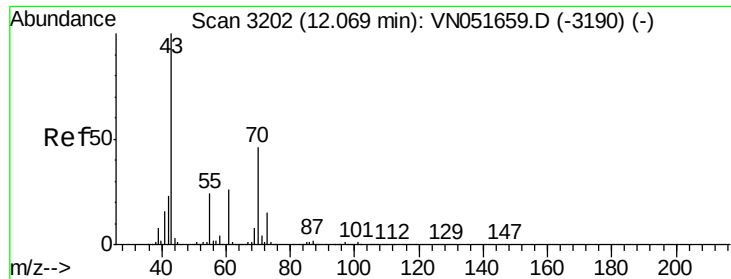
Isopropylbenzene
Concen: 1.246 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN051708.D
Acq: 6 Oct 2018 00:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.9	41.6



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





#74

N-amvl acetate

Concen: Below Cal

RT: 12.07 min Scan# 3203

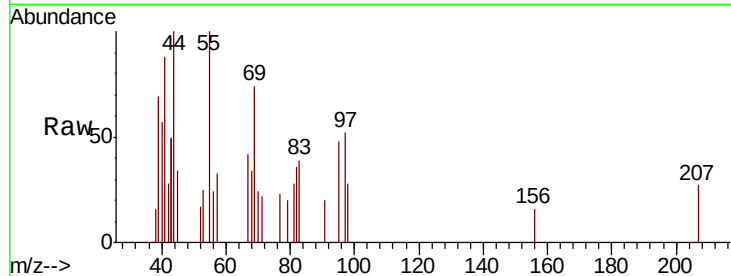
Delta R.T. 0.00 min

Lab File: VN051708.D

Acq: 6 Oct 2018 00:28

Tot Ion: 43 Resp: 420

Ion	Ratio	Lower	Upper
43	100		
70	15.2	37.1	55.7#
55	75.2	19.1	28.7#
61	0.0	20.8	31.2#

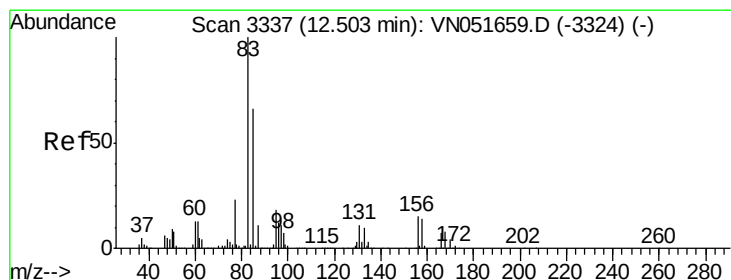
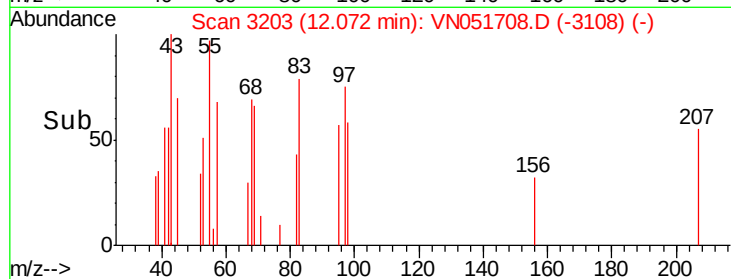
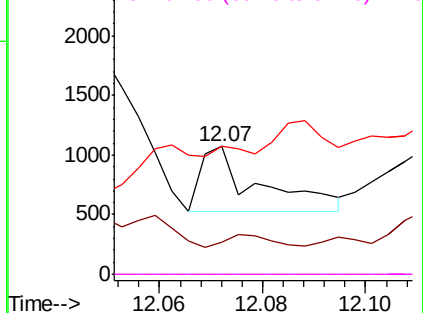


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.49 min Scan# 3334

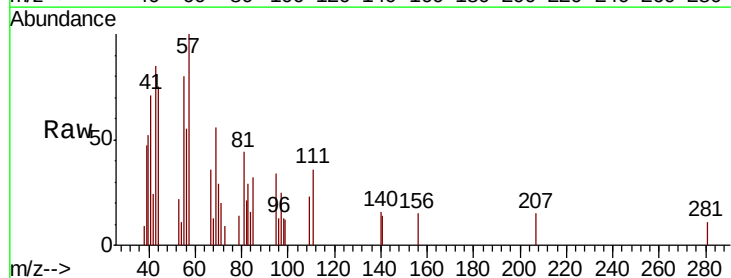
Delta R.T. -0.01 min

Lab File: VN051708.D

Acq: 6 Oct 2018 00:28

Tgt Ion: 83 Resp: 345

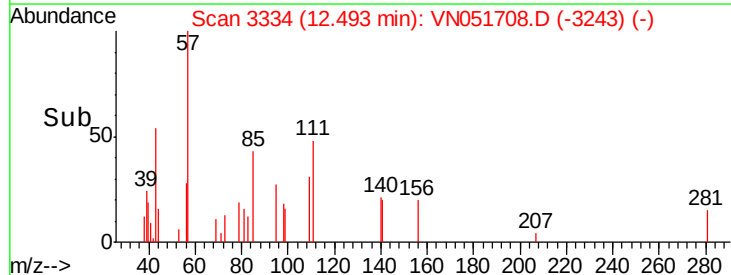
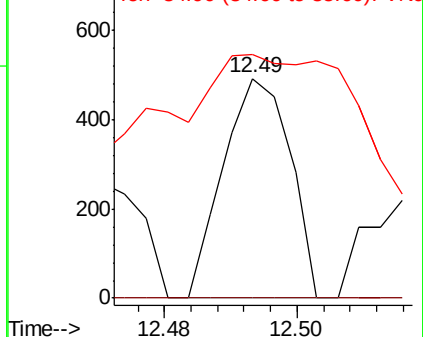
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.1#
85	429.3	33.0	98.9#

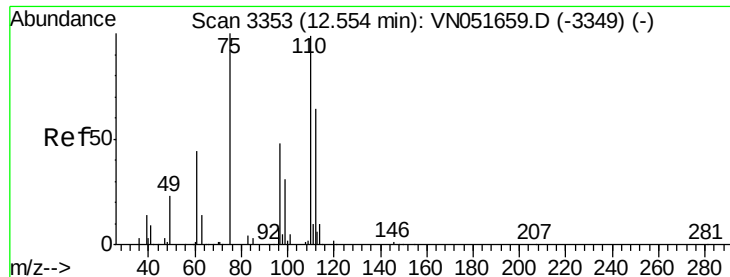


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VNO

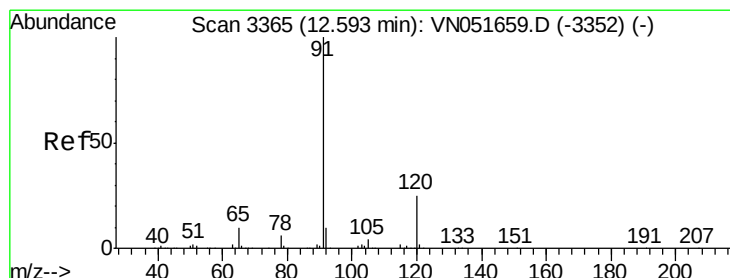
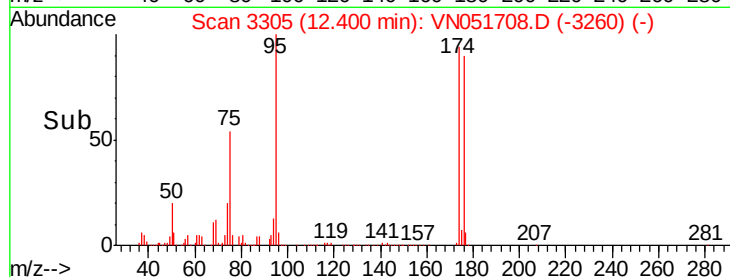
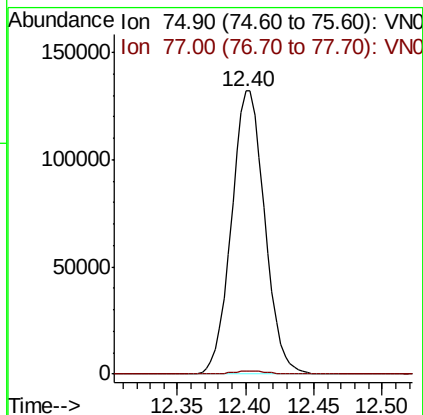
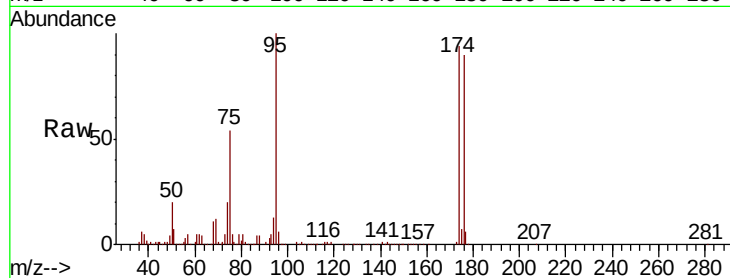




#76

1,2,3-Trichloropropane
Concen: 47.578 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN051708.D
Acq: 6 Oct 2018 00:28

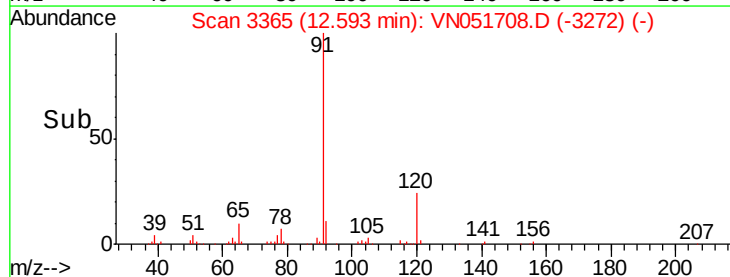
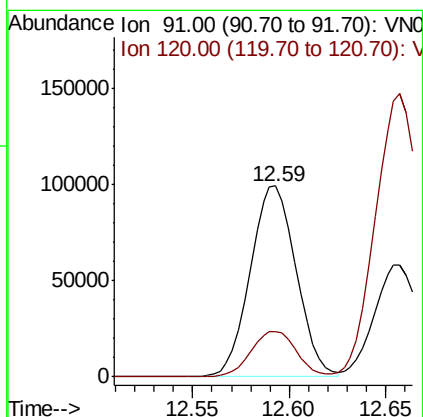
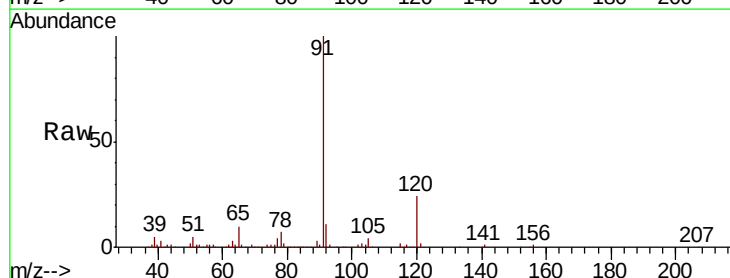
Tot Ion: 75 Resp: 223730
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

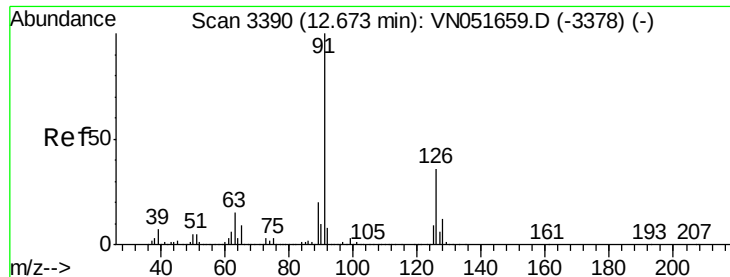


#78

n-propylbenzene
Concen: 4.685 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN051708.D
Acq: 6 Oct 2018 00:28

Tgt Ion: 91 Resp: 164175
Ion Ratio Lower Upper
91 100
120 23.9 12.4 37.2





#79

2-Chlorotoluene

Concen: 4.315 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN051708.D

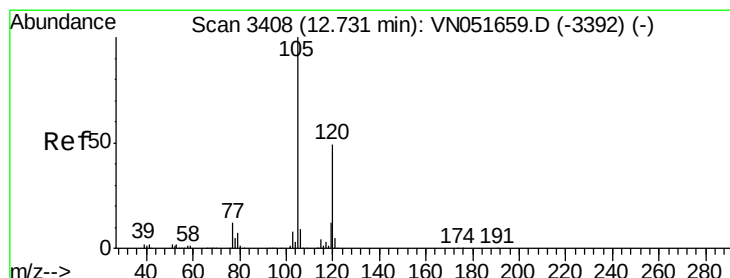
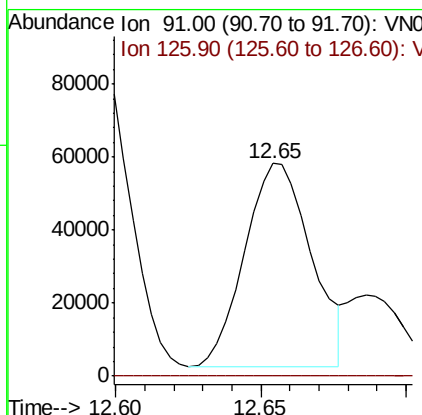
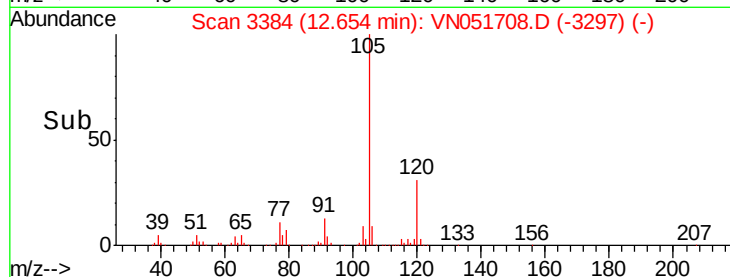
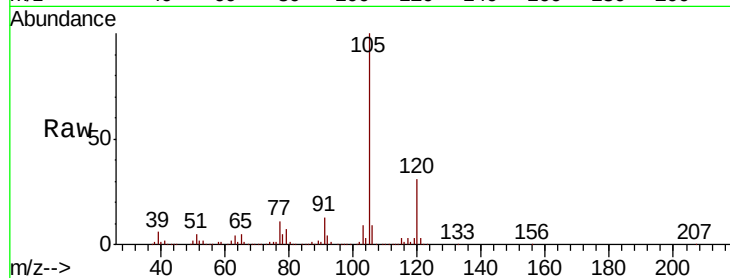
Acq: 6 Oct 2018 00:28

Tot Ion: 91 Resp: 89103

Ion Ratio Lower Upper

91 100

126 0.0 18.5 55.5#



#80

1,3,5-Trimethylbenzene

Concen: 11.899 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051708.D

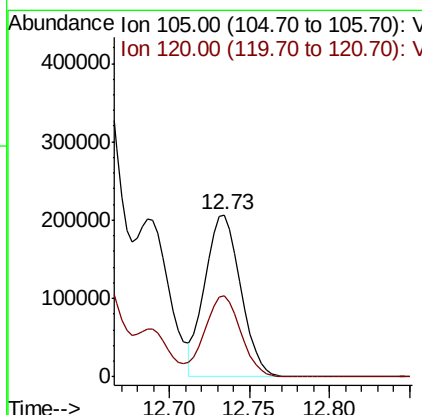
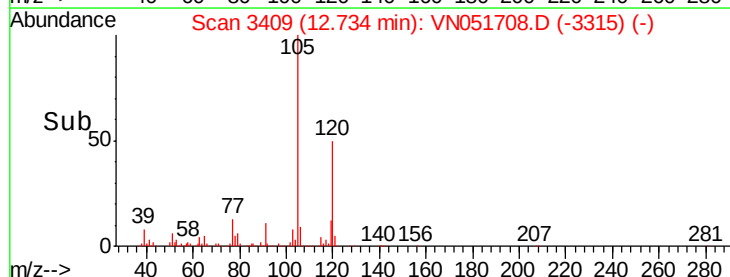
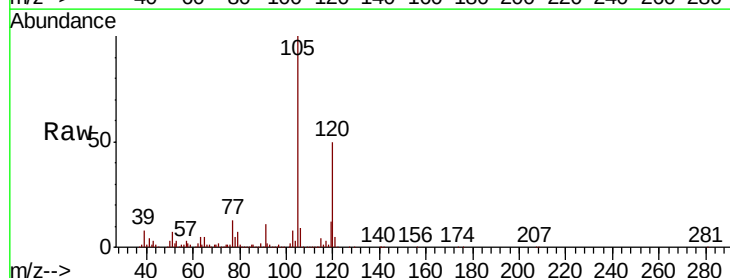
Acq: 6 Oct 2018 00:28

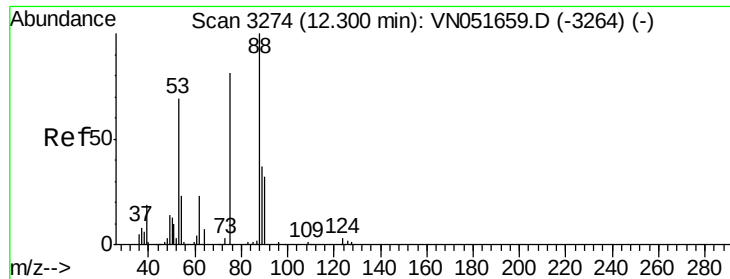
Tgt Ion: 105 Resp: 322150

Ion Ratio Lower Upper

105 100

120 50.7 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 109.122 ug/l

RT: 12.40 min Scan# 3305

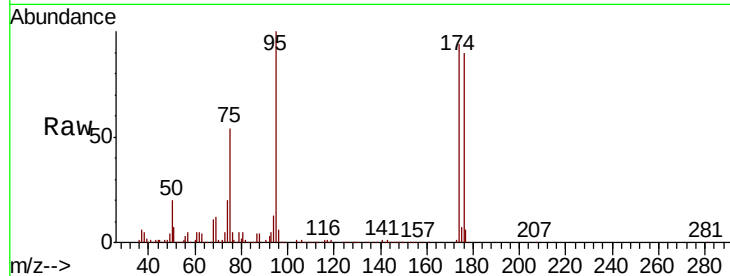
Delta R.T. 0.10 min

Lab File: VN051708.D

Acq: 6 Oct 2018 00:28

Tot Ion: 75 Resp: 223730

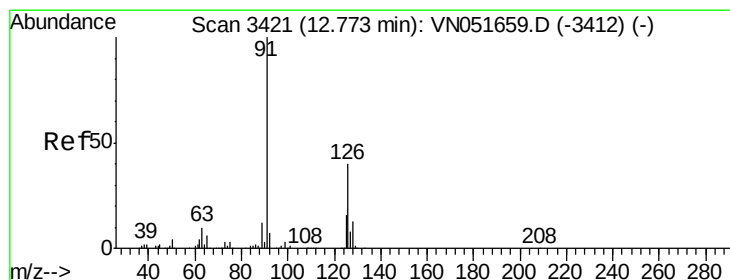
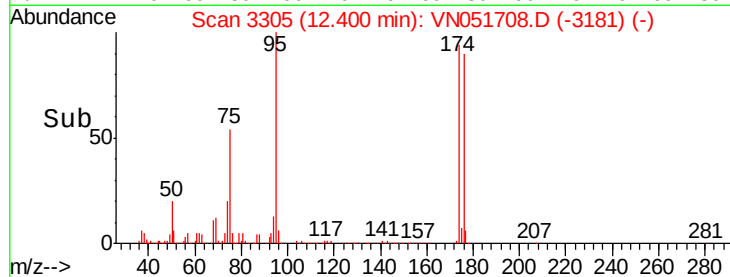
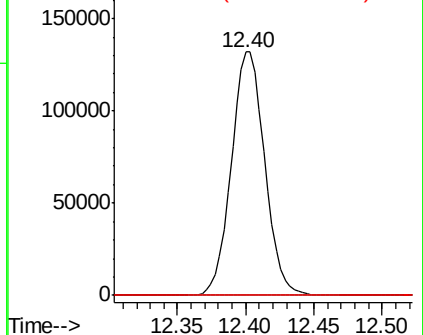
Ion	Ratio	Lower	Upper
75	100		
53	0.3	68.6	102.8#
89	0.0	39.4	59.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 1.652 ug/l

RT: 12.73 min Scan# 3409

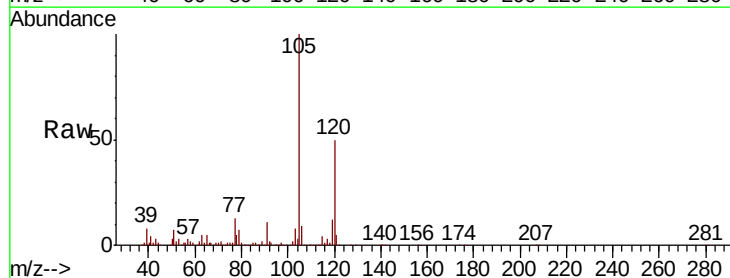
Delta R.T. -0.04 min

Lab File: VN051708.D

Acq: 6 Oct 2018 00:28

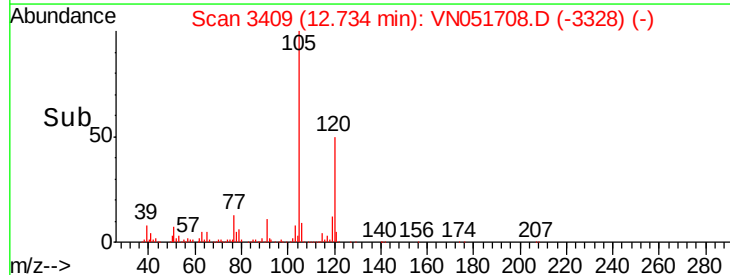
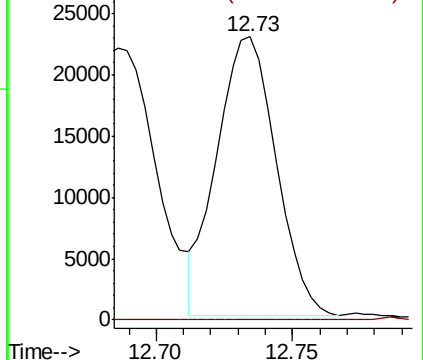
Tgt Ion: 91 Resp: 34270

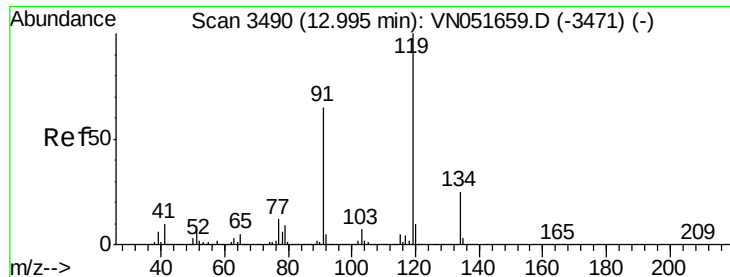
Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.0	54.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 5.629 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN051708.D

Acq: 6 Oct 2018 00:28

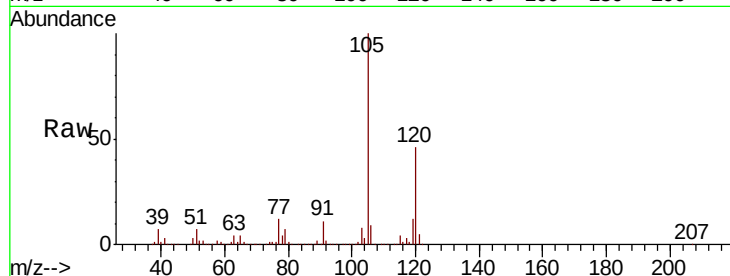
Tot Ion:119 Resp: 136554

Ion Ratio Lower Upper

119 100

91 87.7 32.1 96.5

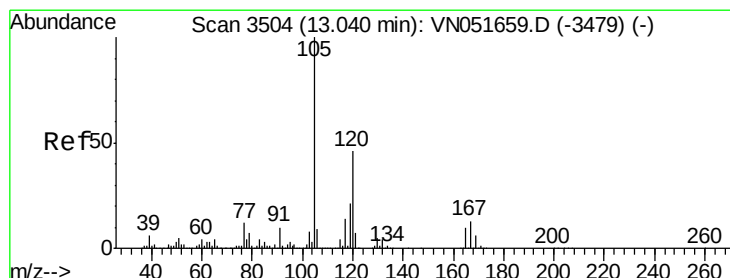
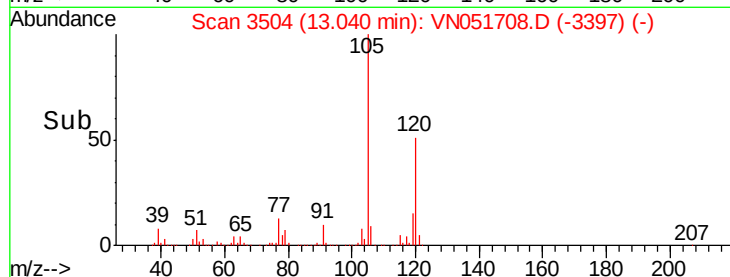
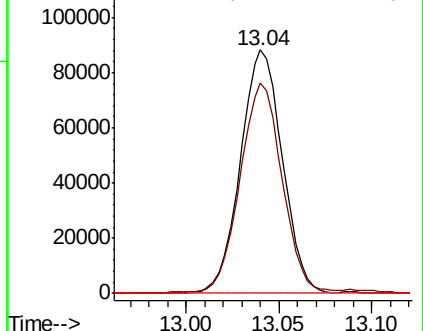
134 0.0 13.3 39.9#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 41.481 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051708.D

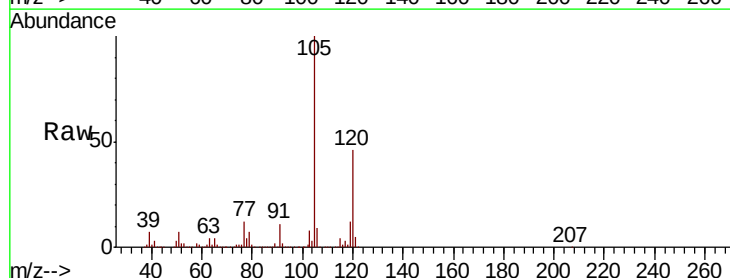
Acq: 6 Oct 2018 00:28

Tgt Ion:105 Resp: 1124929

Ion Ratio Lower Upper

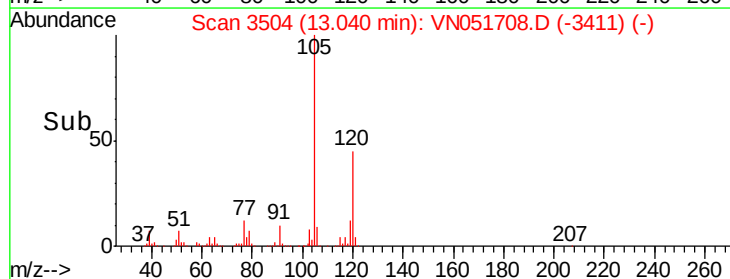
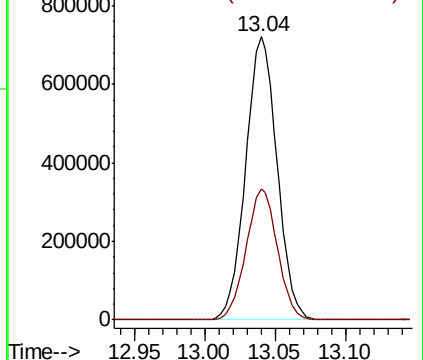
105 100

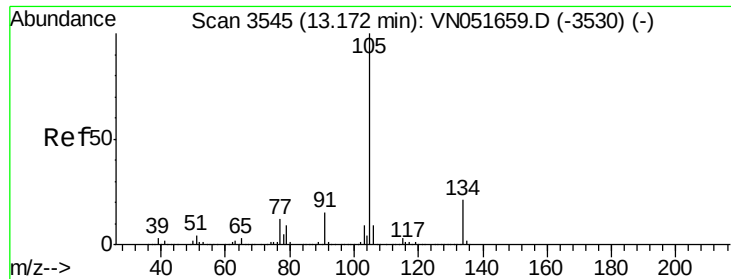
120 46.2 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 35.055 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN051708.D

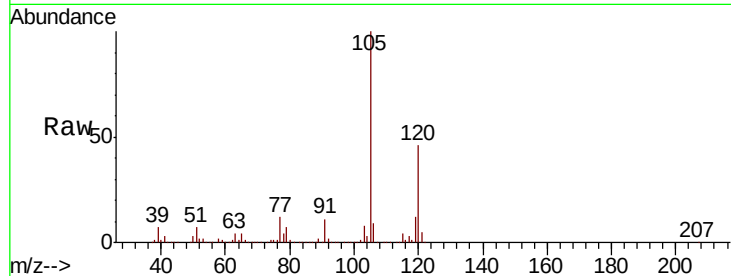
Acq: 6 Oct 2018 00:28

Tot Ion:105 Resp: 1124929

Ion Ratio Lower Upper

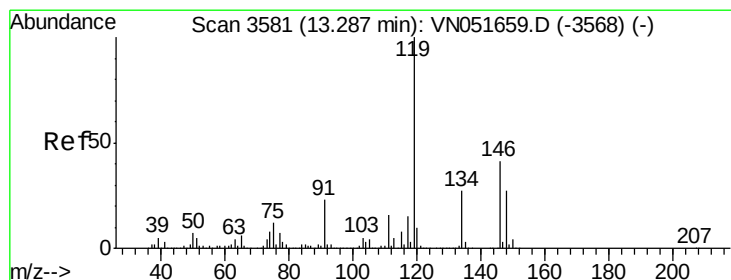
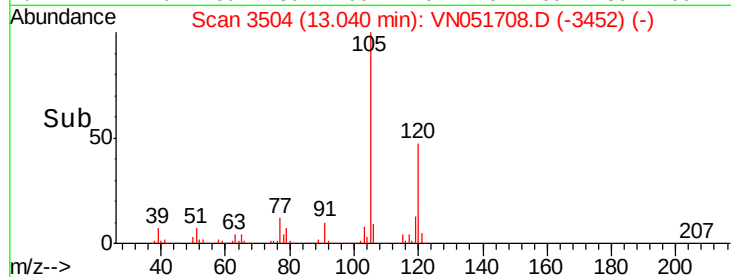
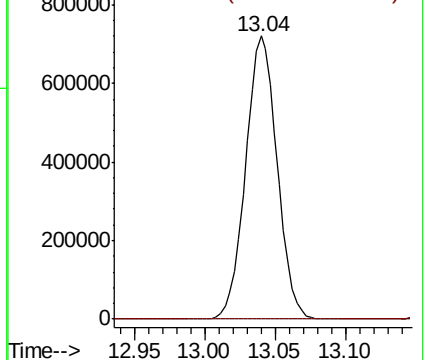
105 100

134 0.0 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: 0.591 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051708.D

Acq: 6 Oct 2018 00:28

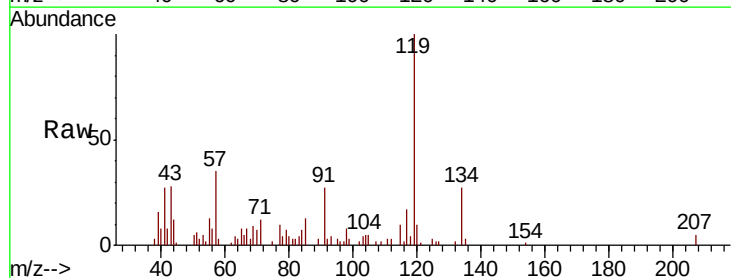
Tgt Ion:119 Resp: 16818

Ion Ratio Lower Upper

119 100

134 28.2 13.4 40.2

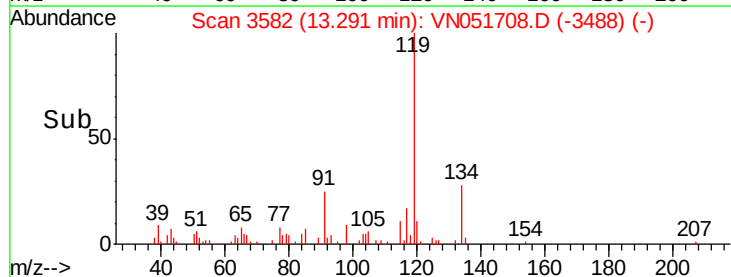
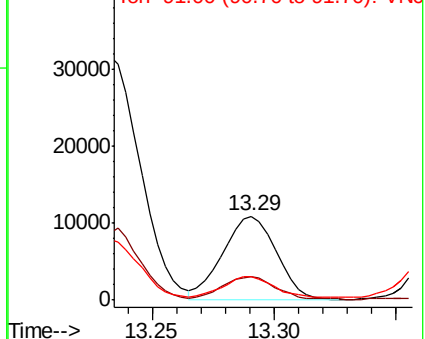
91 22.9 11.7 35.1

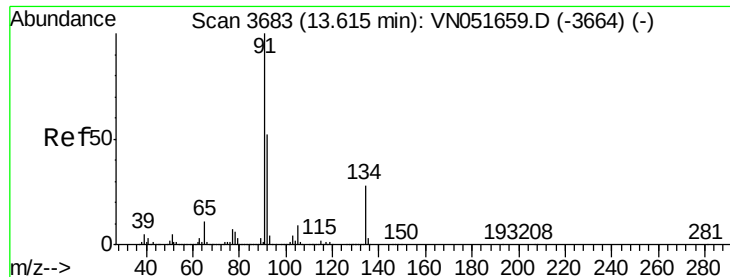


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 2.135 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051708.D

Acq: 6 Oct 2018 00:28

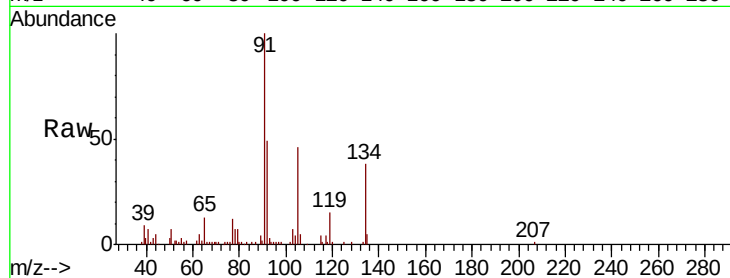
Tot Ion: 91 Resp: 48018

Ion Ratio Lower Upper

91 100

92 66.3 26.0 78.0

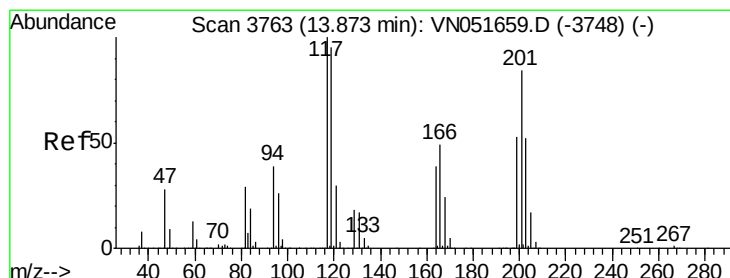
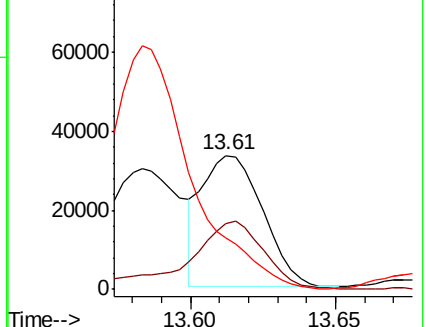
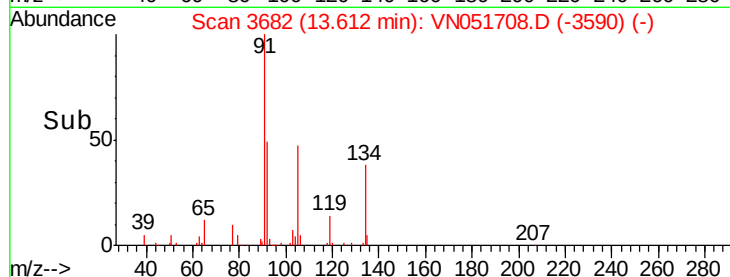
134 0.0 14.2 42.6#



Abundance Ion 91.00 (90.70 to 91.70): VN051659.D (-3664) (-)

Ion 92.00 (91.70 to 92.70): VN051659.D (-3664) (-)

Ion 134.00 (133.70 to 134.70): VN051659.D (-3664) (-)



#90

Hexachloroethane

Concen: 4.227 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051708.D

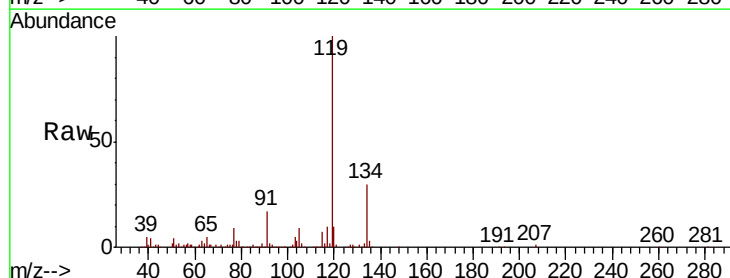
Acq: 6 Oct 2018 00:28

Tgt Ion: 117 Resp: 23993

Ion Ratio Lower Upper

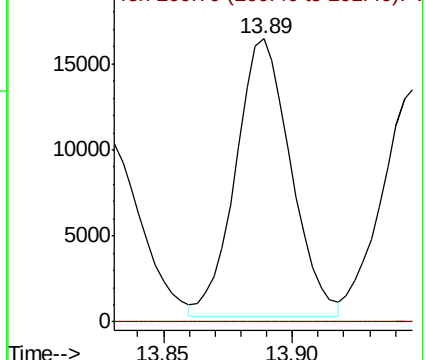
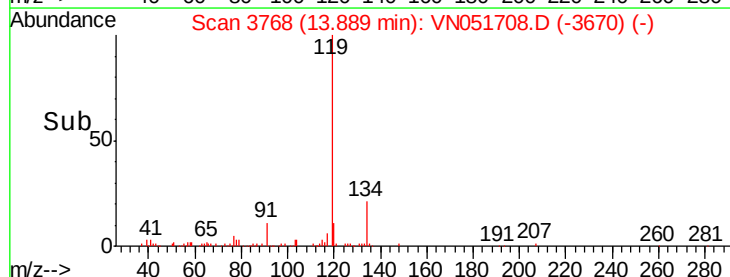
117 100

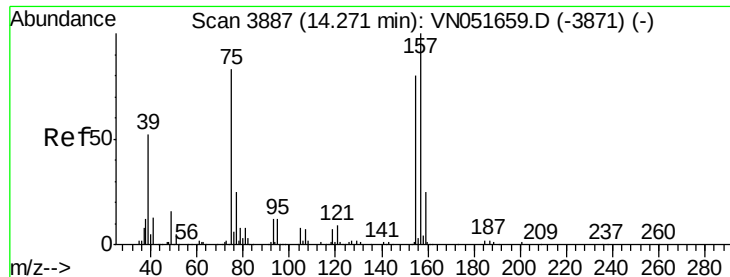
201 0.0 42.4 127.3#



Abundance Ion 116.80 (116.50 to 117.50): VN051659.D (-3748) (-)

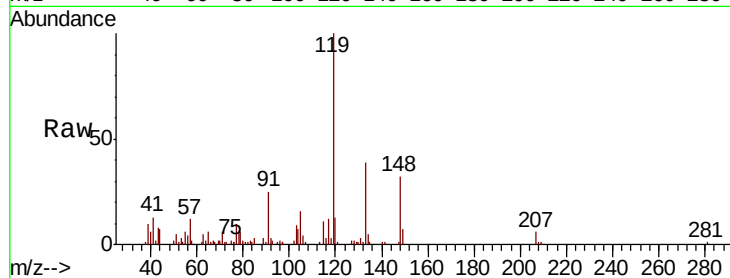
Ion 200.70 (200.40 to 201.40): VN051659.D (-3748) (-)



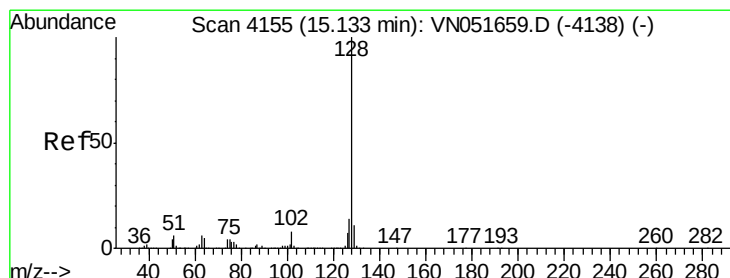
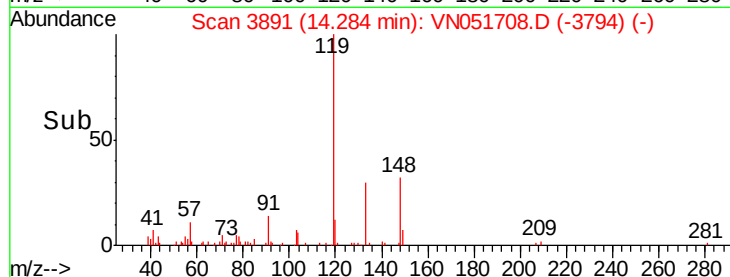
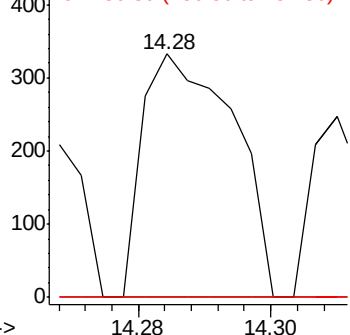


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.281 ug/l
 RT: 14.28 min Scan# 3891
 Delta R.T. 0.01 min
 Lab File: VN051708.D
 Acq: 6 Oct 2018 00:28

Tot Ion: 75 Resp: 317
 Ion Ratio Lower Upper
 75 100
 155 0.0 47.6 142.9#
 157 0.0 61.7 185.1#

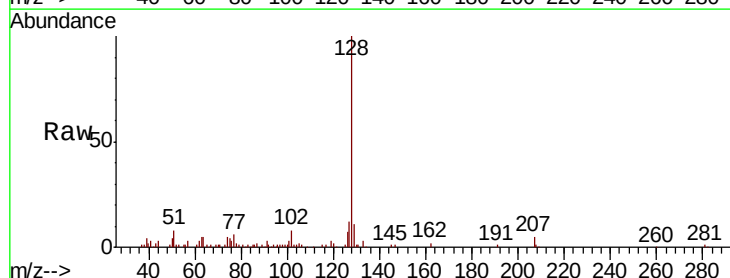


Abundance Ion 74.90 (74.60 to 75.60): VN051708.D (-3891) (-)
 Ion 154.80 (154.50 to 155.50): VN051708.D (-3891) (-)
 Ion 156.80 (156.50 to 157.50): VN051708.D (-3891) (-)



#95
 Naphthalene
 Concen: 6.296 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN051708.D
 Acq: 6 Oct 2018 00:28

Tgt Ion: 128 Resp: 82329
 Ion Ratio Lower Upper
 128 100
 127 14.8 10.6 15.8
 129 11.2 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): VN051708.D (-4155) (-)
 Ion 127.00 (126.70 to 127.70): VN051708.D (-4155) (-)
 Ion 129.00 (128.70 to 129.70): VN051708.D (-4155) (-)

