

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053374.D
 Acq On : 11 Jan 2019 18:53
 Operator : JC/SP
 Sample : K1119-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 28

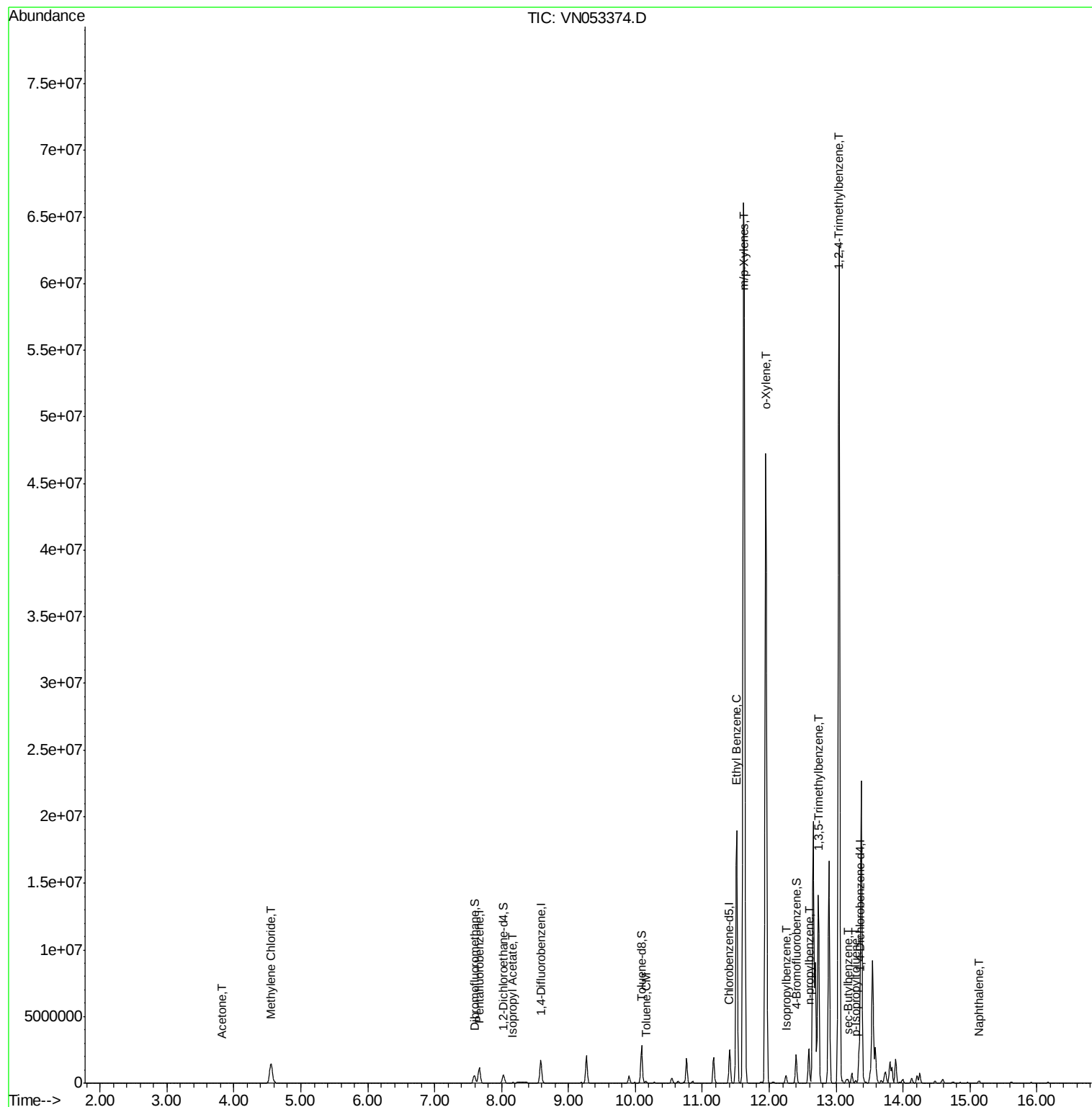
Quant Time: Jan 12 02:42:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

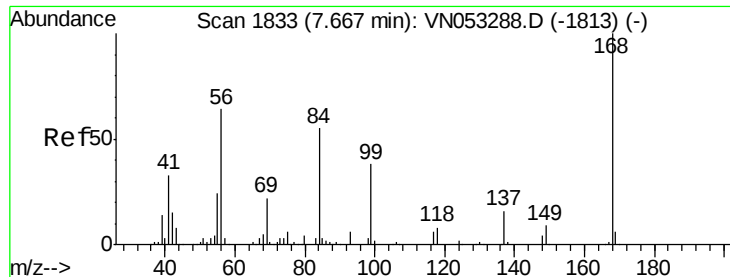
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1033858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1600521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1549557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	690326	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	511569	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
35) Dibromofluoromethane	7.59	113	447053	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	10.09	98	2019546	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.40	95	746330	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	24255	7.199	ug/l	99
20) Methylene Chloride	4.55	84	1130420	97.853	ug/l	100
43) Isopropyl Acetate	8.17	43	47641	2.488	ug/l #	80
52) Toluene	10.16	92	57921	2.069	ug/l	99
67) Ethyl Benzene	11.51	91	14145988	247.309	ug/l	98
68) m/p-Xylenes	11.61	106	20617634m	958.579	ug/l	
69) o-Xylene	11.95	106	14140073	671.512	ug/l #	1
73) Isopropylbenzene	12.25	105	404318	7.867	ug/l	100
78) n-propylbenzene	12.59	91	2089753	35.945	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	7962396	192.328	ug/l	98
84) 1,2,4-Trimethylbenzene	13.03	105	21622088m	512.652	ug/l	
85) sec-Butylbenzene	13.17	105	192461m	4.018	ug/l	
86) p-Isopropyltoluene	13.29	119	103838m	2.504	ug/l	
95) Naphthalene	15.13	128	148073	12.200	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053374.D

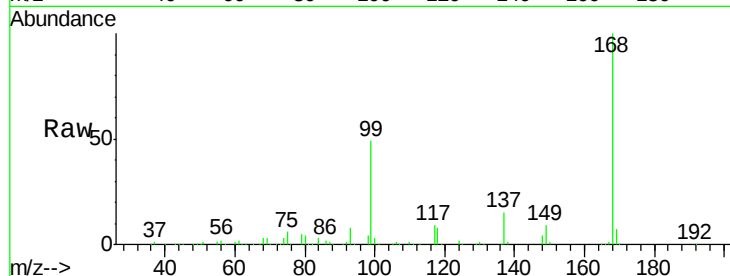
Acq: 11 Jan 2019 18:53

Tot Ion:168 Resp: 1033858

Ion Ratio Lower Upper

168 100

99 49.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053374.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053374.D (-1740) (-)

7.67

400000

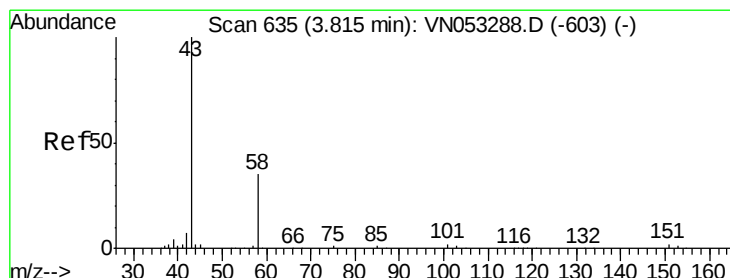
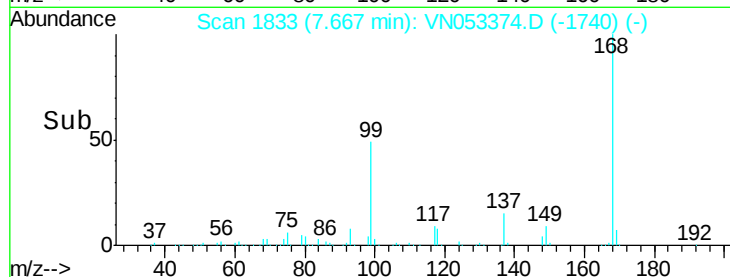
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.199 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053374.D

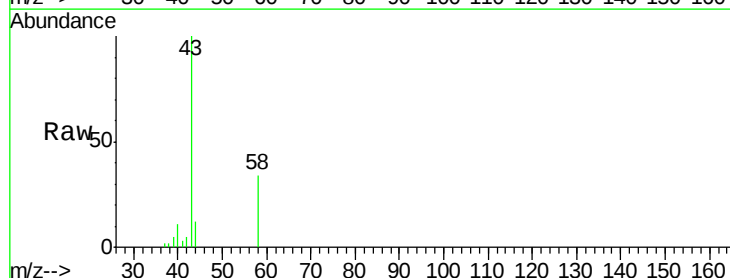
Acq: 11 Jan 2019 18:53

Tgt Ion: 43 Resp: 24255

Ion Ratio Lower Upper

43 100

58 34.4 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN053374.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053374.D (-541) (-)

3.82

10000

8000

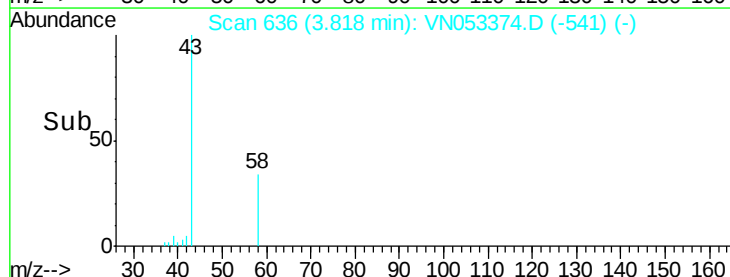
6000

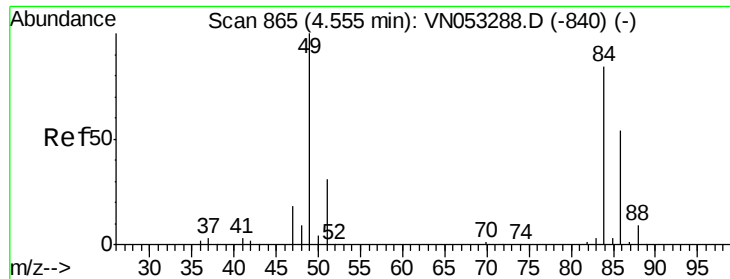
4000

2000

0

Time-->

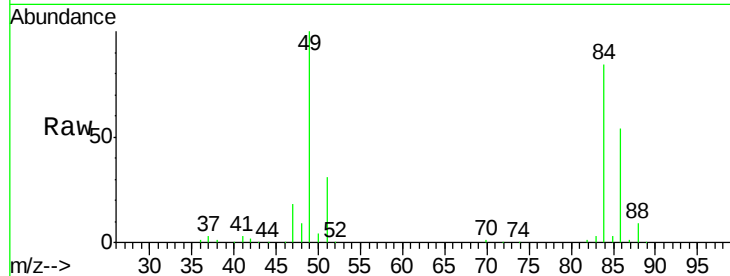




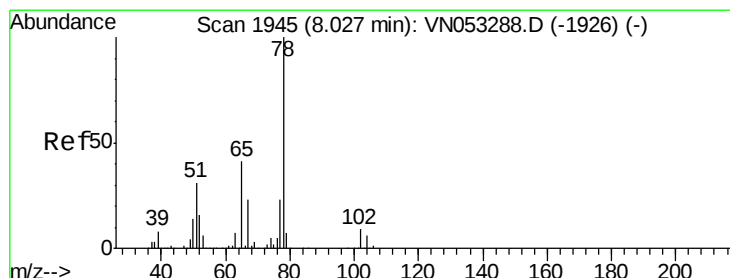
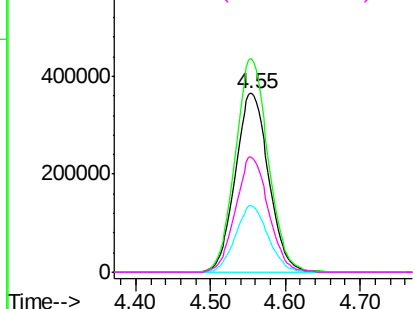
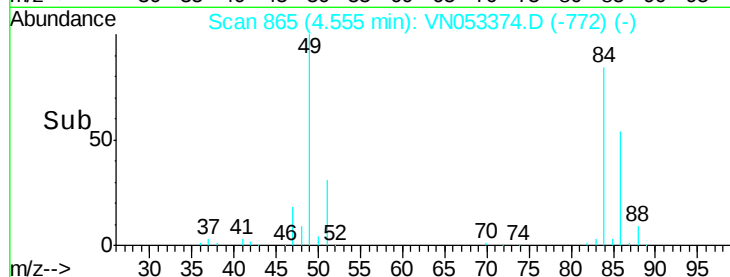
#20
Methvlene Chloride
Concen: 97.853 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053374.D
Acq: 11 Jan 2019 18:53

Tot Ion: 84 Resp: 1130420

Ion	Ratio	Lower	Upper
84	100		
49	119.3	95.3	142.9
51	37.5	29.0	43.6
86	64.6	51.7	77.5



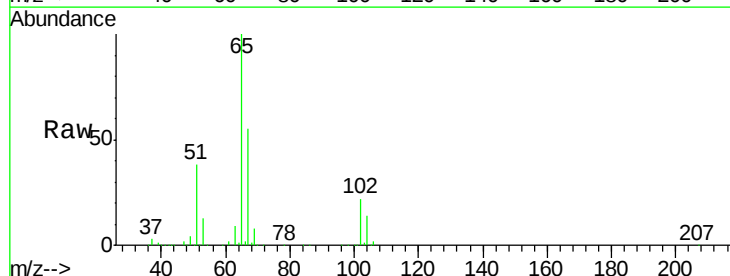
Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO



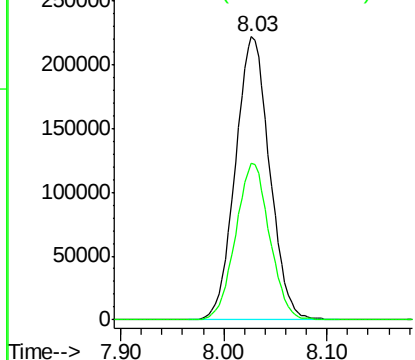
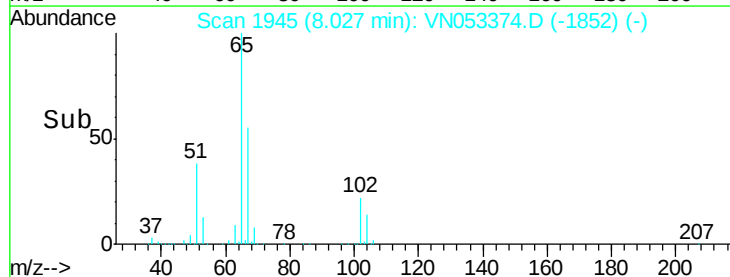
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053374.D
Acq: 11 Jan 2019 18:53

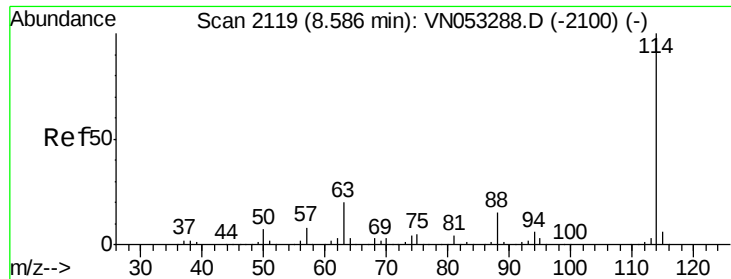
Tgt Ion: 65 Resp: 511569

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	111.0



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

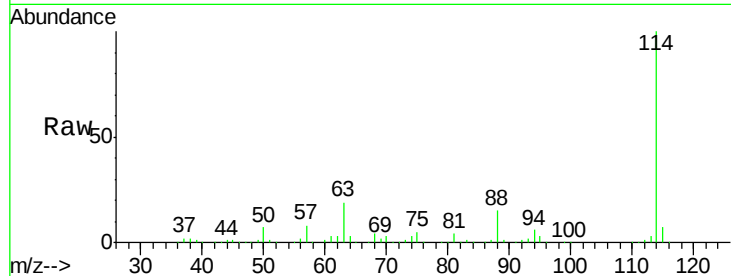




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053374.D
Acq: 11 Jan 2019 18:53

Tot Ion:114 Resp: 1600521

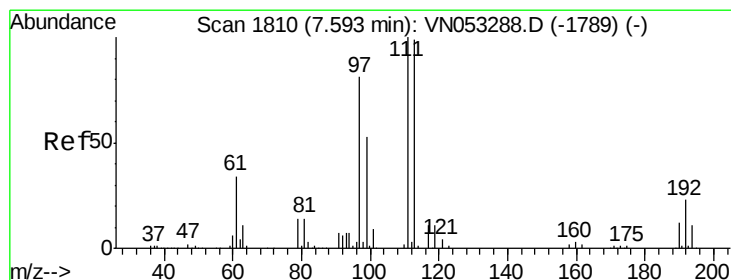
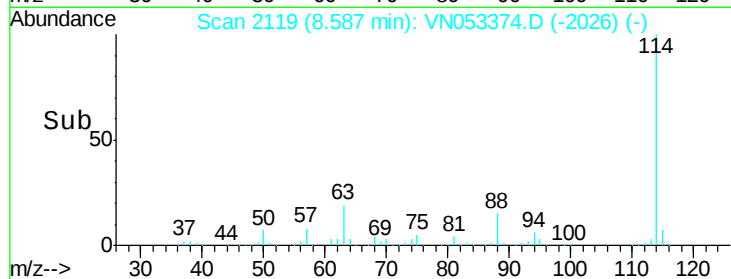
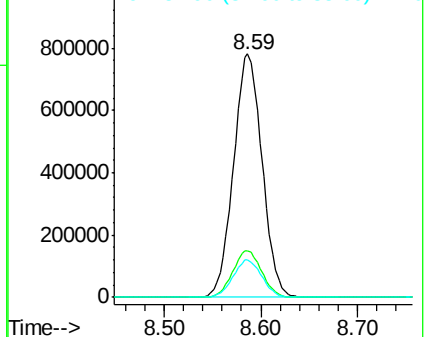
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.0
88	15.3	0.0	30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

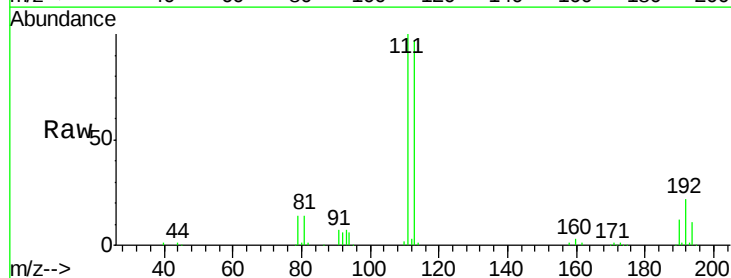
Ion 87.90 (87.60 to 88.60): V



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053374.D
Acq: 11 Jan 2019 18:53

Tgt Ion:113 Resp: 447053

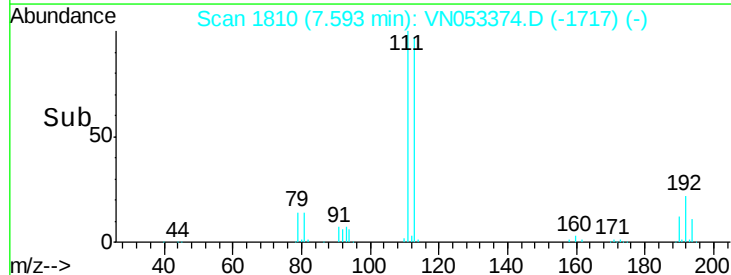
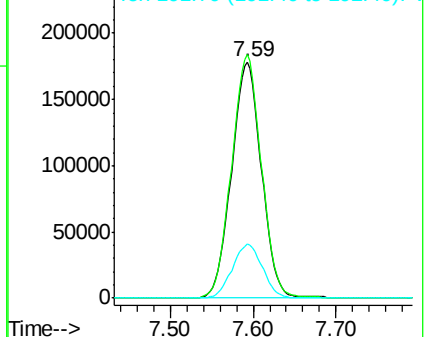
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.2
192	23.0	17.9	26.9

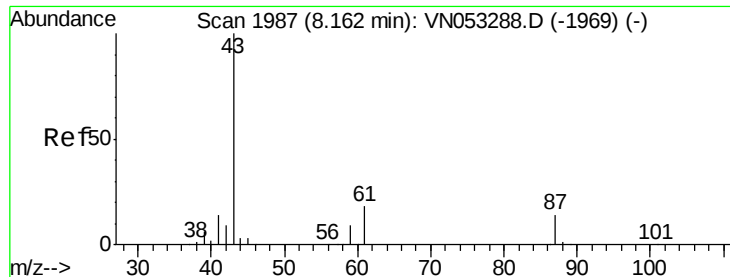


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.488 ug/l

RT: 8.17 min Scan# 1989

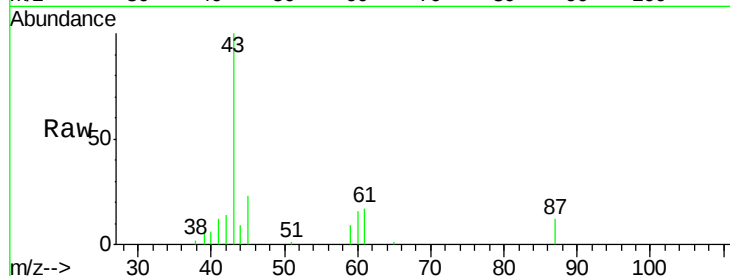
Delta R.T. 0.01 min

Lab File: VN053374.D

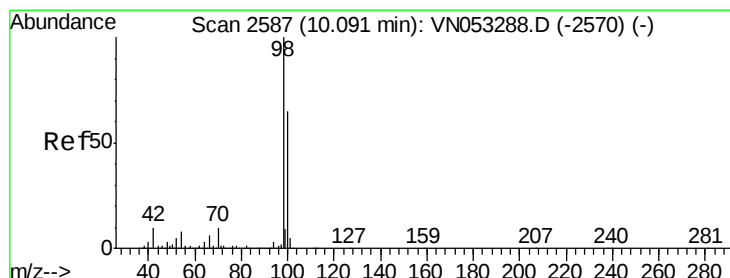
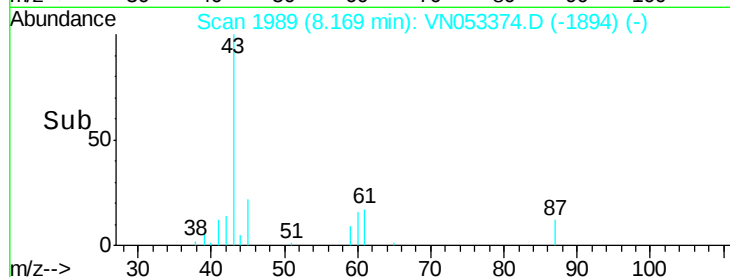
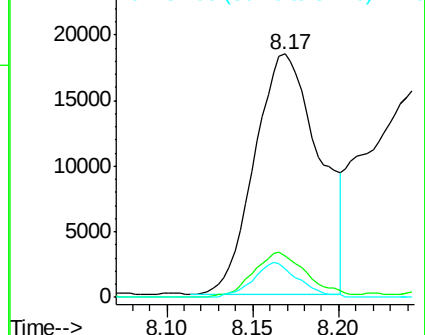
Acq: 11 Jan 2019 18:53

Tot Ion: 43 Resp: 47641

Ion	Ratio	Lower	Upper
43	100		
61	15.8	23.3	34.9#
87	10.2	10.8	16.2#



Abundance Ion 43.00 (42.70 to 43.70): VN053374.D (-1894) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

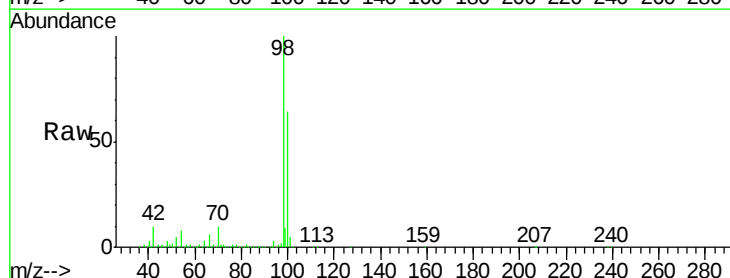
Delta R.T. 0.00 min

Lab File: VN053374.D

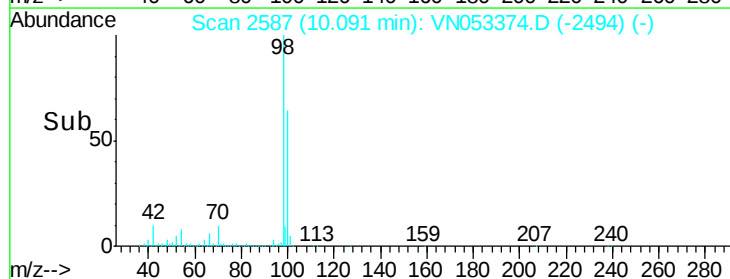
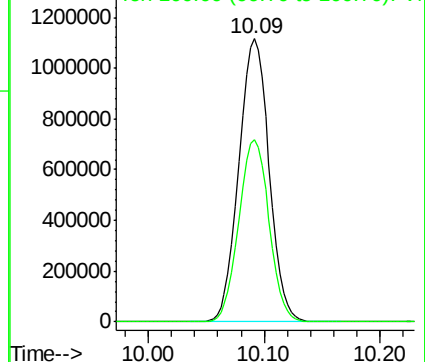
Acq: 11 Jan 2019 18:53

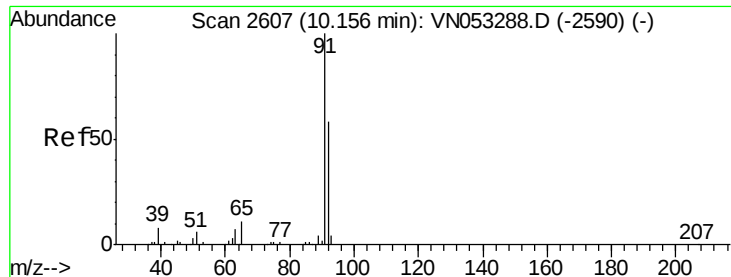
Tgt Ion: 98 Resp: 2019546

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.5	77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053374.D (-2494) (-)





#52

Toluene

Concen: 2.069 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053374.D

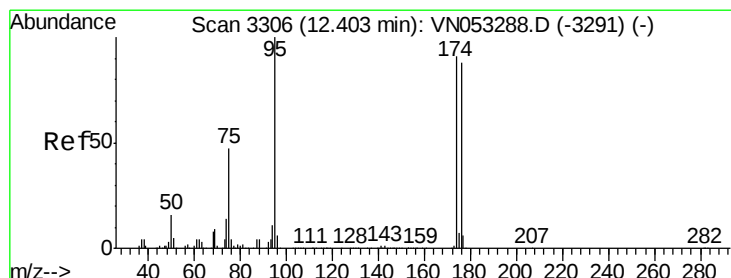
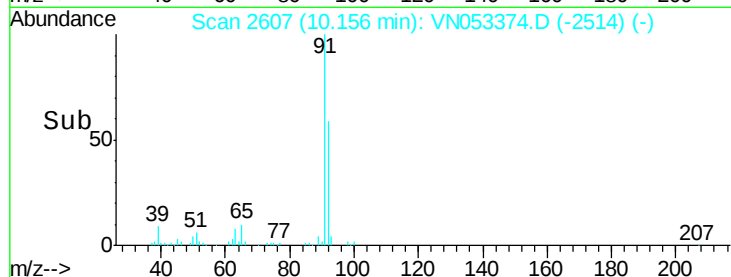
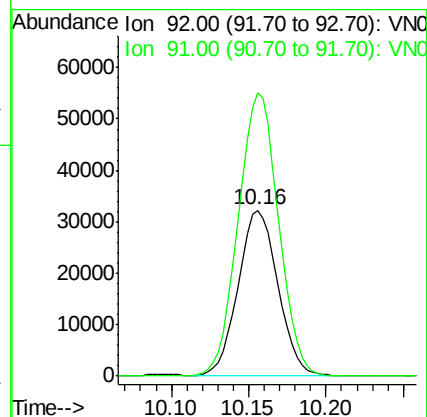
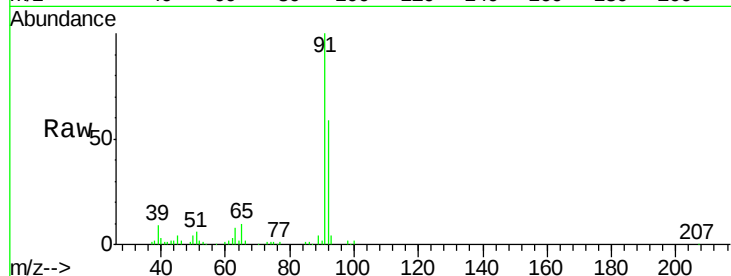
Acq: 11 Jan 2019 18:53

Tot Ion: 92 Resp: 57921

Ion Ratio Lower Upper

92 100

91 172.3 138.6 208.0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053374.D

Acq: 11 Jan 2019 18:53

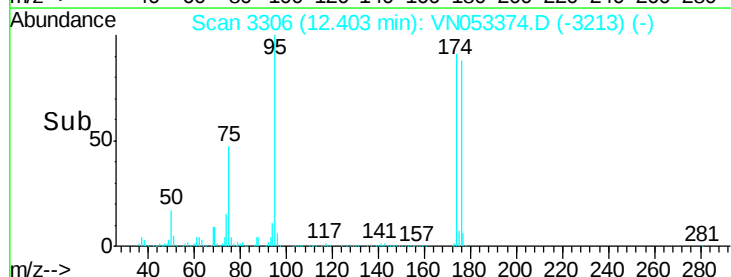
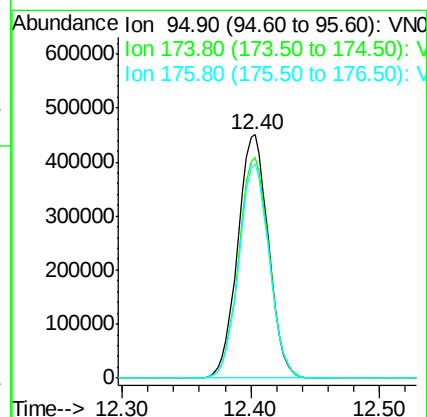
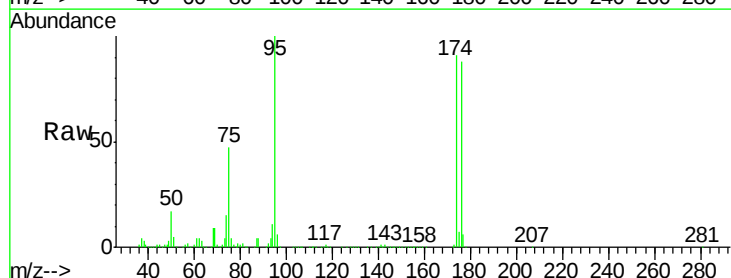
Tgt Ion: 95 Resp: 746330

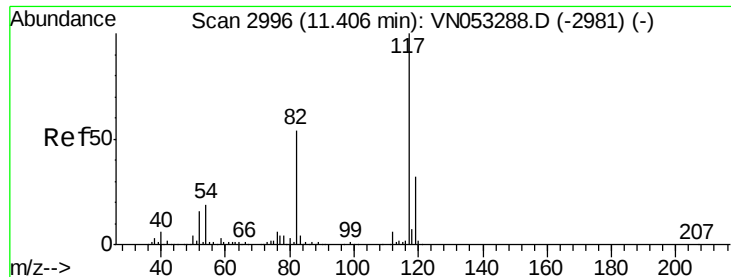
Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.4

176 87.1 0.0 175.6

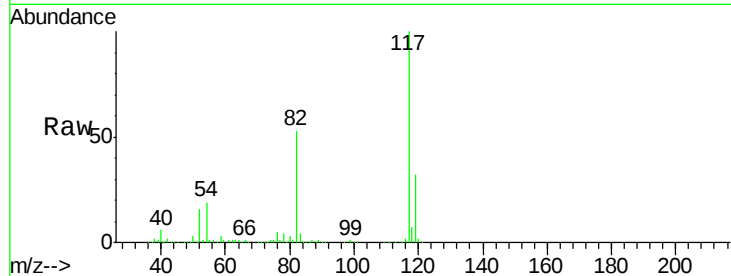




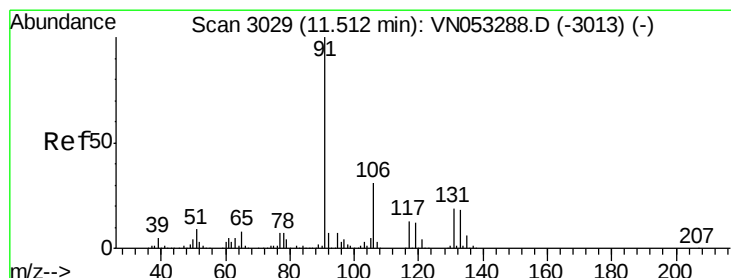
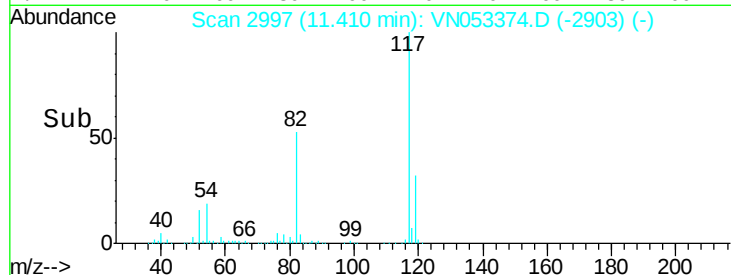
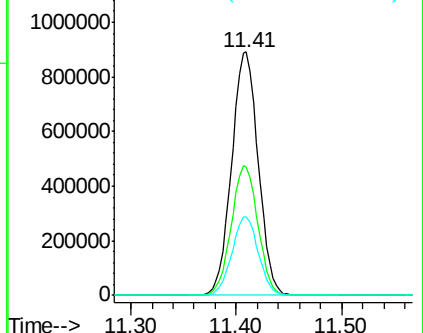
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053374.D
Acq: 11 Jan 2019 18:53

Tot Ion:117 Resp: 1549557

Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.9	64.3
119	32.4	25.6	38.4



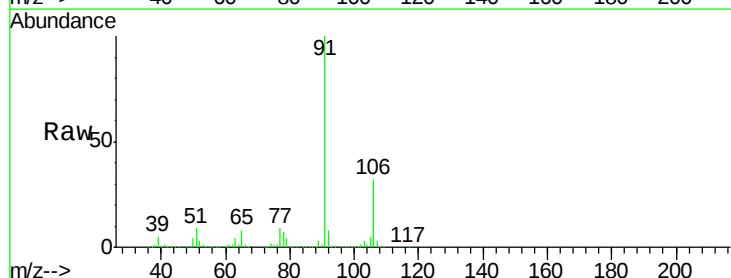
Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



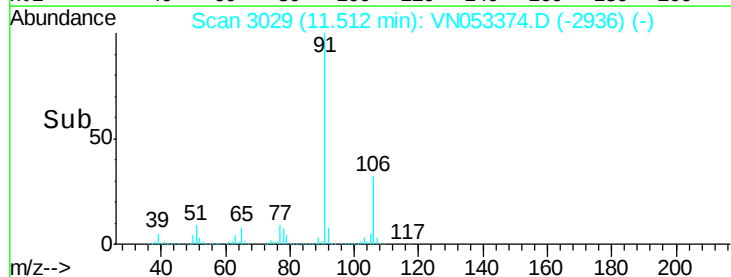
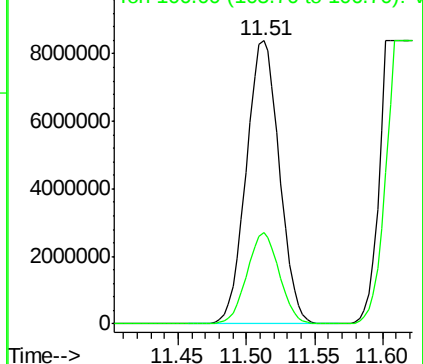
#67
Ethyl Benzene
Concen: 247.309 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053374.D
Acq: 11 Jan 2019 18:53

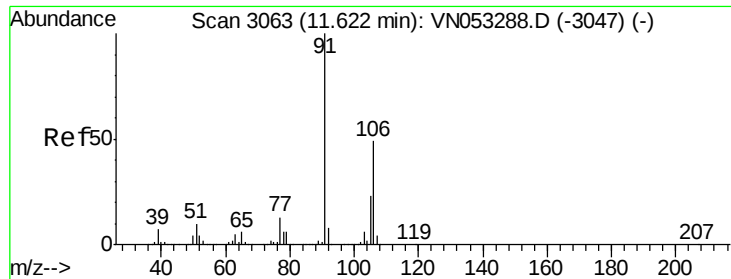
Tgt Ion: 91 Resp:14145988

Ion	Ratio	Lower	Upper
91	100		
106	32.4	25.0	37.4



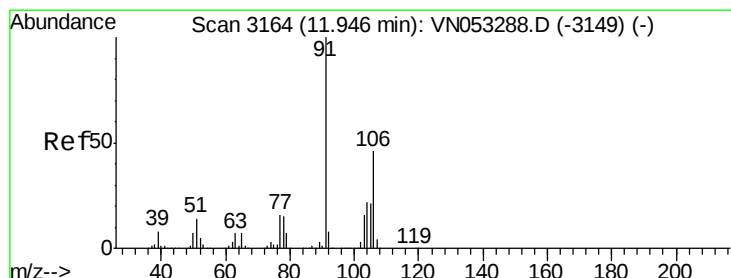
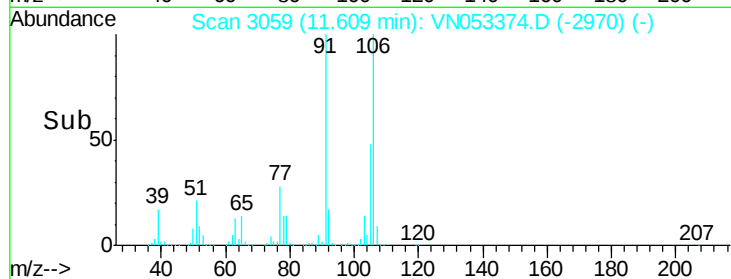
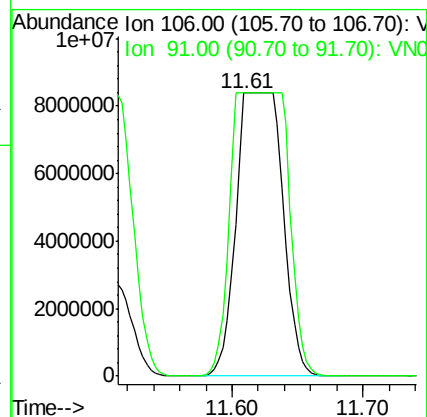
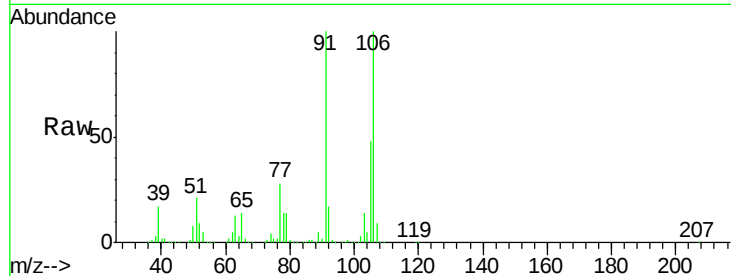
Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 106.00 (105.70 to 106.70): V





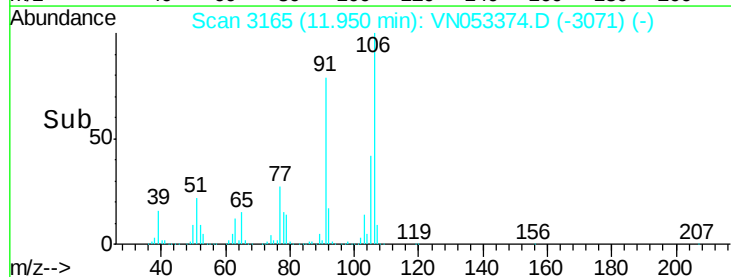
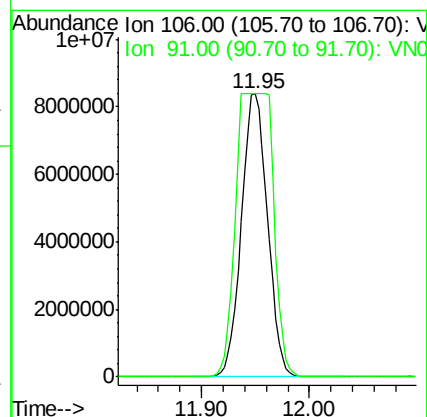
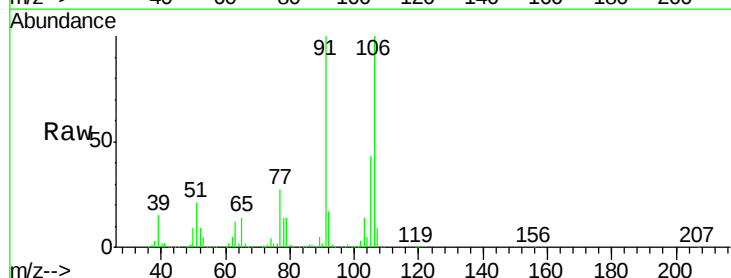
#68
m/p-Xvlenes
Concen: 958.579 ug/l m
RT: 11.61 min Scan# 3059
Delta R.T. -0.01 min
Lab File: VN053374.D
Acq: 11 Jan 2019 18:53

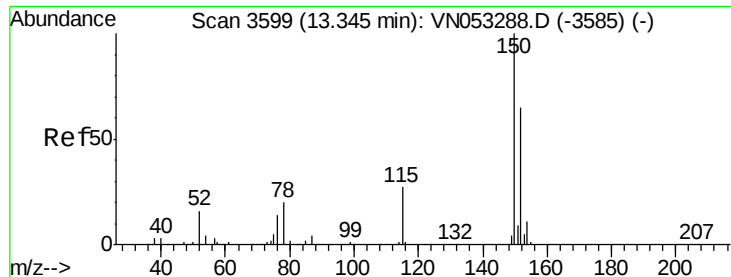
Tot Ion:106 Resp:20617634
Ion Ratio Lower Upper
106 100
91 68.6 161.4 242.2#



#69
o-Xylene
Concen: 671.512 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053374.D
Acq: 11 Jan 2019 18:53

Tgt Ion:106 Resp:14140073
Ion Ratio Lower Upper
106 100
91 0.0 106.8 320.4#

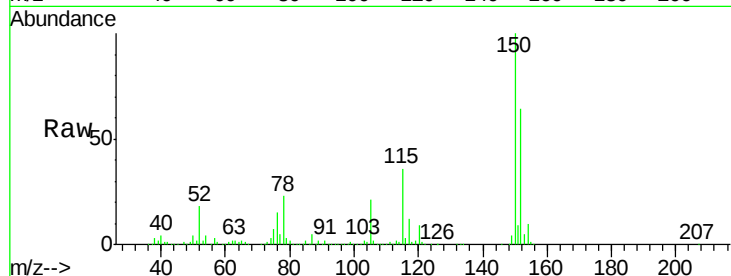




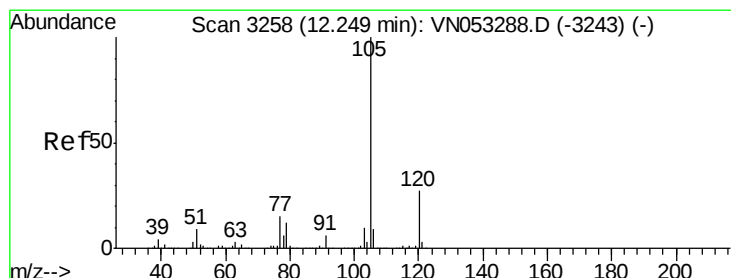
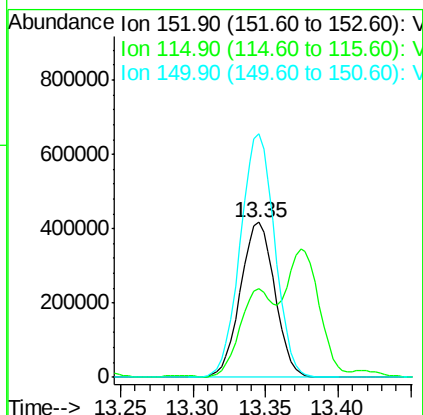
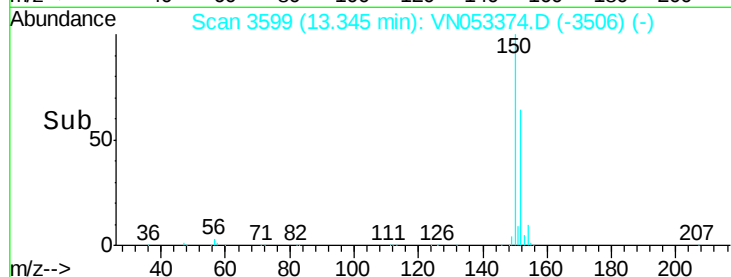
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053374.D
Acq: 11 Jan 2019 18:53

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.0	84.0
150	156.7	0.0	346.6



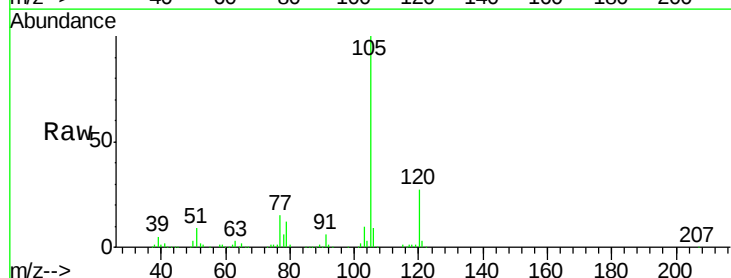
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



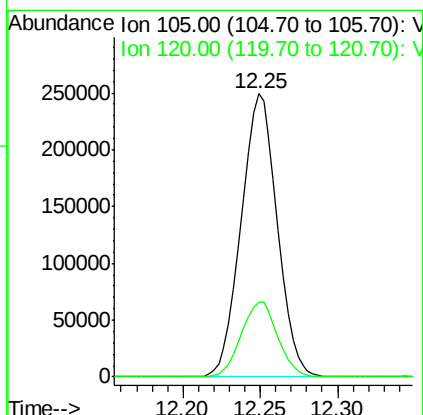
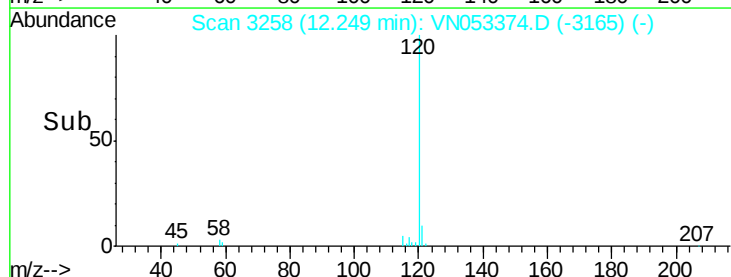
#73

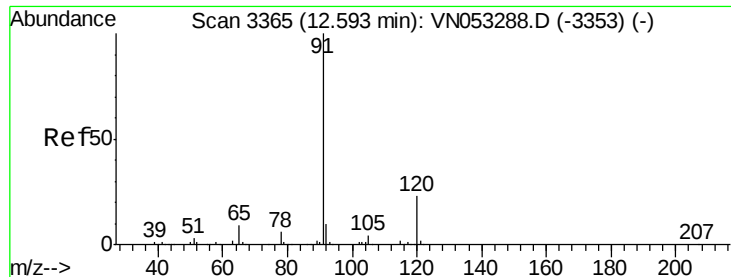
Isopropylbenzene
Concen: 7.867 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN053374.D
Acq: 11 Jan 2019 18:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.4	40.2



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





#78

n-propylbenzene

Concen: 35.945 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053374.D

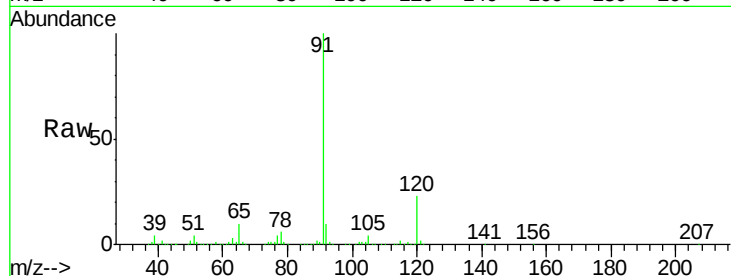
Acq: 11 Jan 2019 18:53

Tot Ion: 91 Resp: 2089753

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN053288.D (-3353) (-)

Ion 120.00 (119.70 to 120.70): VN053288.D (-3353) (-)

3000000

2500000

2000000

1500000

1000000

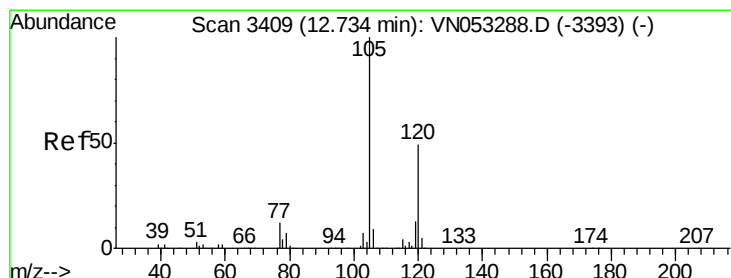
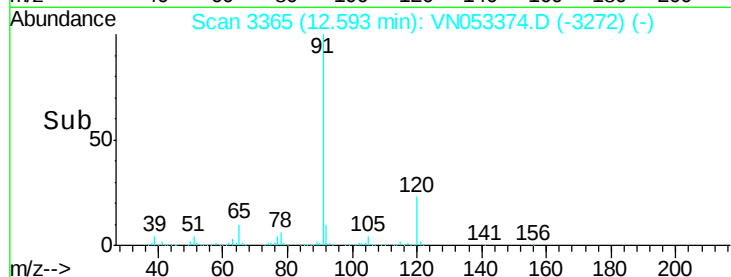
500000

0

Time-->

12.55 12.60 12.65

12.59



#80

1,3,5-Trimethylbenzene

Concen: 192.328 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053374.D

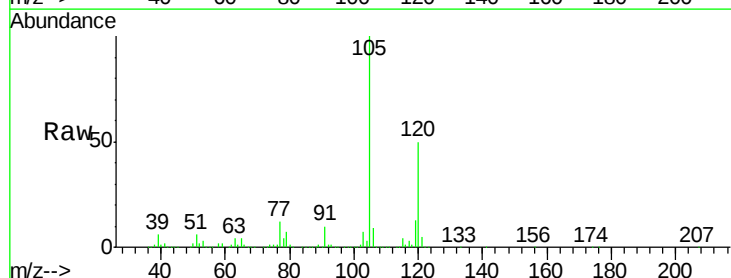
Acq: 11 Jan 2019 18:53

Tgt Ion: 105 Resp: 7962396

Ion Ratio Lower Upper

105 100

120 50.6 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN053288.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN053288.D (-3393) (-)

6000000

5000000

4000000

3000000

2000000

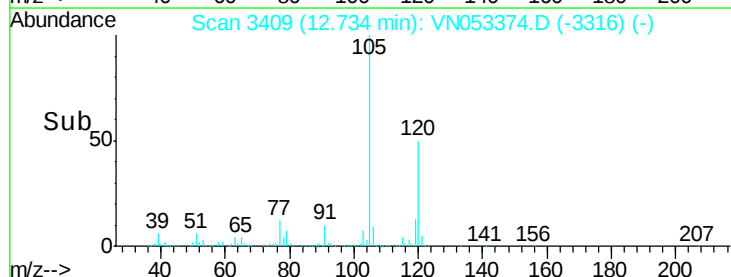
1000000

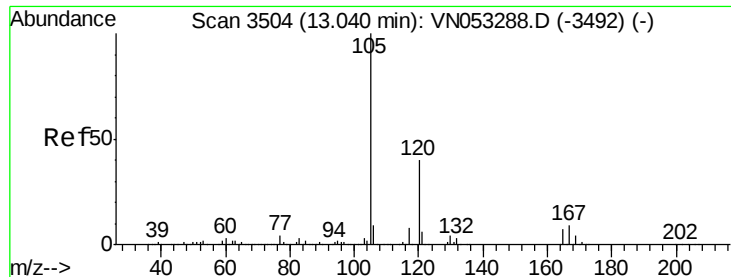
0

Time-->

12.70 12.75 12.80

12.73

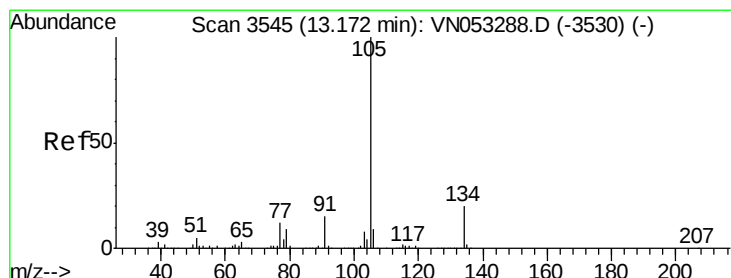
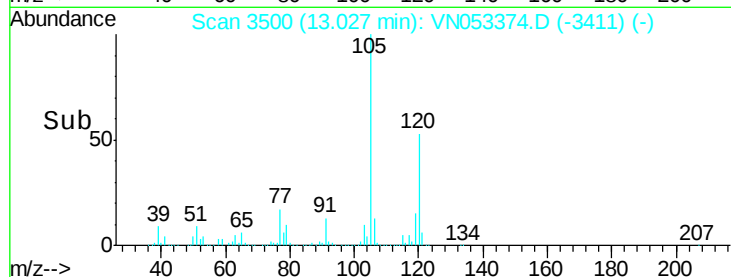
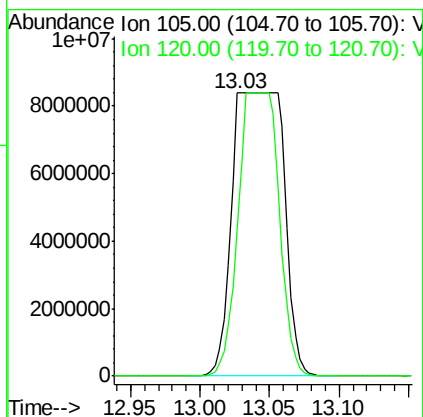
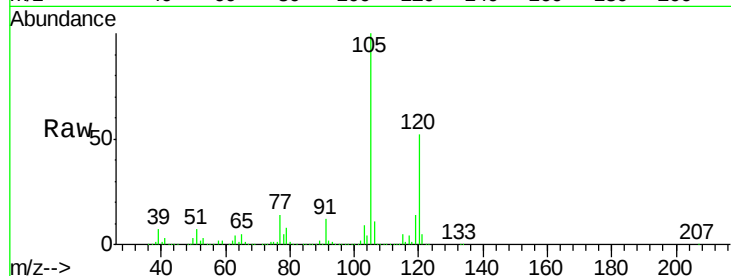




#84

1,2,4-Trimethylbenzene
 Concen: 512.652 ug/l m
 RT: 13.03 min Scan# 3500
 Delta R.T. -0.01 min
 Lab File: VN053374.D
 Acq: 11 Jan 2019 18:53

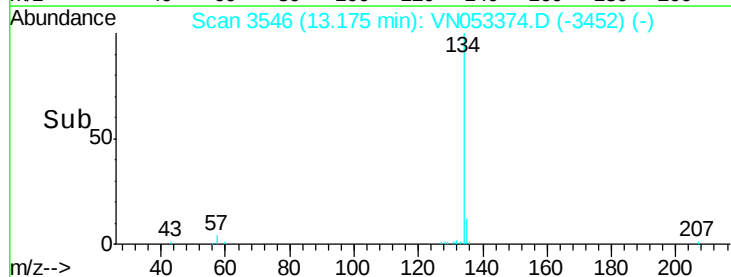
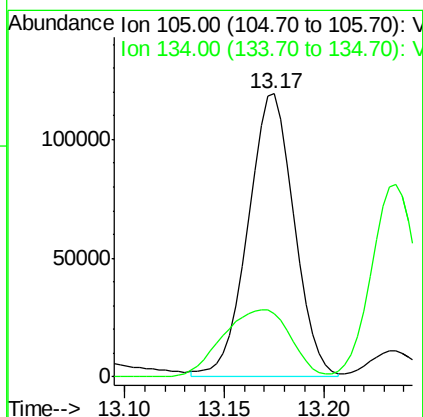
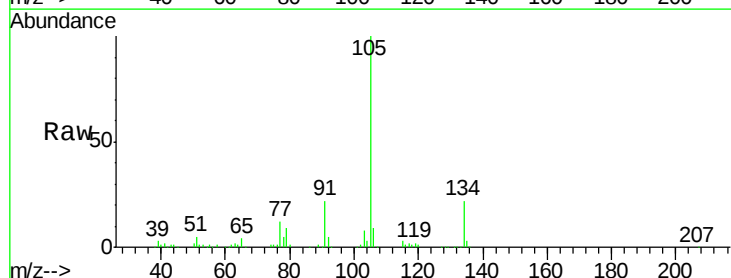
Tot Ion:105 Resp:21622088
 Ion Ratio Lower Upper
 105 100
 120 15.9 23.0 69.0#

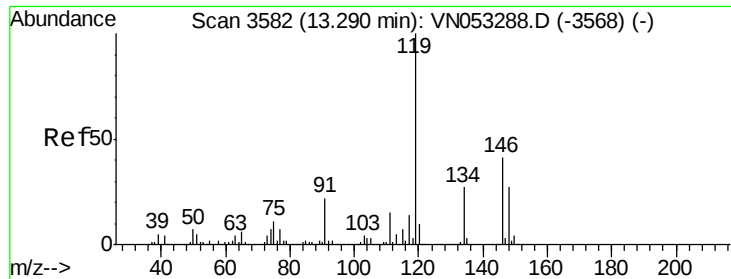


#85

sec-Butylbenzene
 Concen: 4.018 ug/l m
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN053374.D
 Acq: 11 Jan 2019 18:53

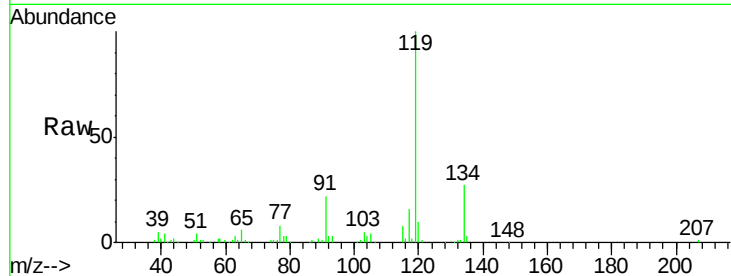
Tgt Ion:105 Resp: 192461
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.6#



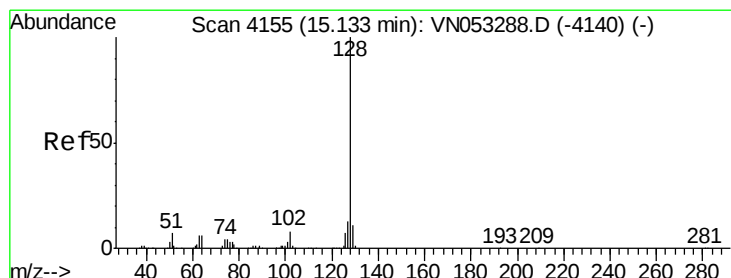
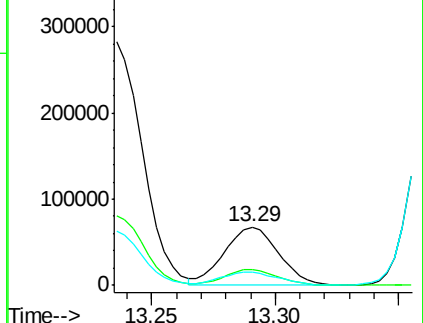
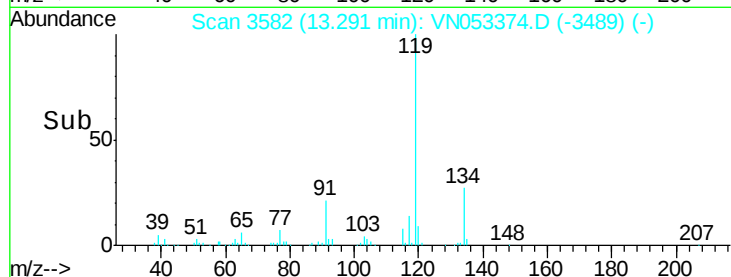


#86
p-Isopropyltoluene
Concen: 2.504 ug/l m
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053374.D
Acq: 11 Jan 2019 18:53

Tot Ion:119 Resp: 103838
Ion Ratio Lower Upper
119 100
134 124.1 13.4 40.1#
91 0.0 11.1 33.1#

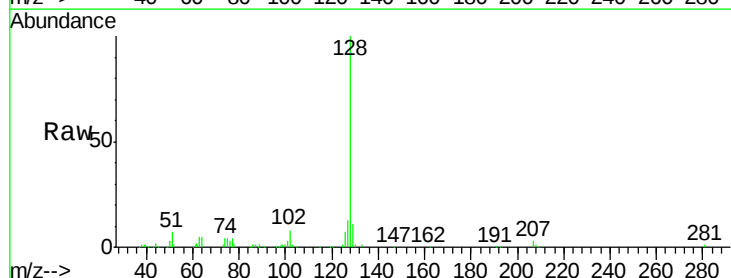


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#95
Naphthalene
Concen: 12.200 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053374.D
Acq: 11 Jan 2019 18:53

Tgt Ion:128 Resp: 148073
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

