

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022219\
 Data File : VN053914.D
 Acq On : 22 Feb 2019 14:25
 Operator : JC/SP
 Sample : K1345-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 22 23:14:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	610634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1060376	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1006467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	406072	50.00	ug/l	0.00

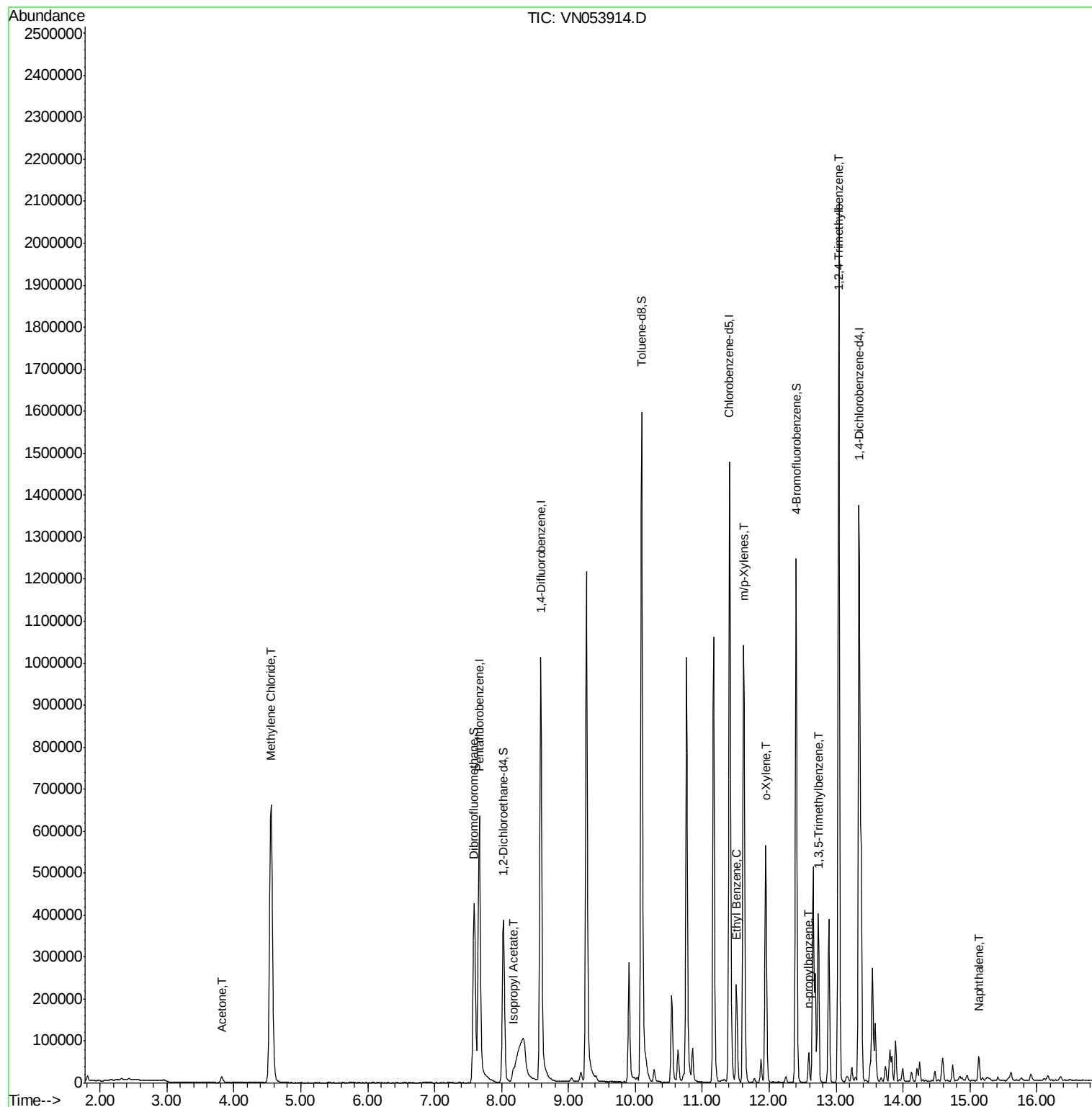
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	333241	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
35) Dibromofluoromethane	7.59	113	330734	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
50) Toluene-d8	10.09	98	1305008	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.40	95	434377	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	

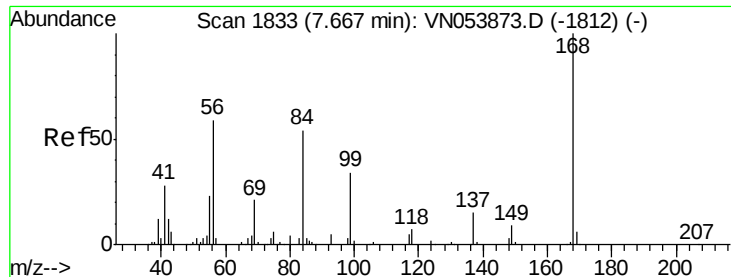
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	23457	13.667	ug/l	97
20) Methylene Chloride	4.55	84	537876	83.710	ug/l	99
43) Isopropyl Acetate	8.17	43	29775	2.872	ug/l #	88
67) Ethyl Benzene	11.51	91	186696	5.476	ug/l	99
68) m/p-Xylenes	11.62	106	366681	27.776	ug/l	100
69) o-Xylene	11.95	106	169679	13.351	ug/l	98
78) n-propylbenzene	12.59	91	58139	1.817	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	236584	9.963	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1227853	51.556	ug/l	99
95) Naphthalene	15.13	128	54900	7.705	ug/l	99

(#) = 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: VN053914.D

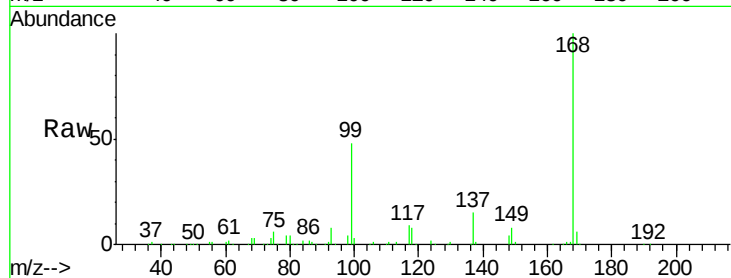
Acq: 22 Feb 2019 14:25

Tot Ion:168 Resp: 610634

Ion Ratio Lower Upper

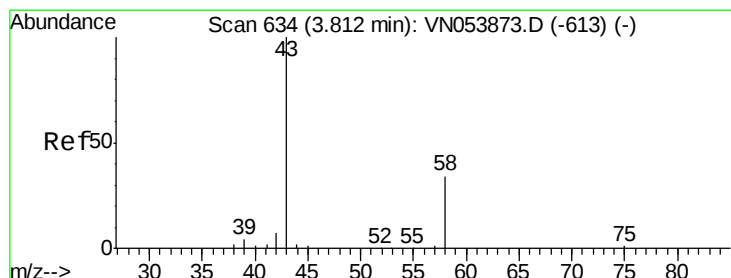
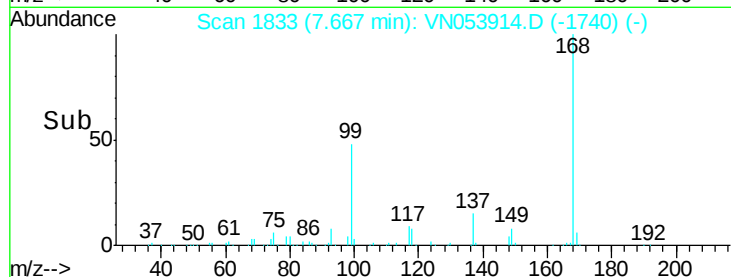
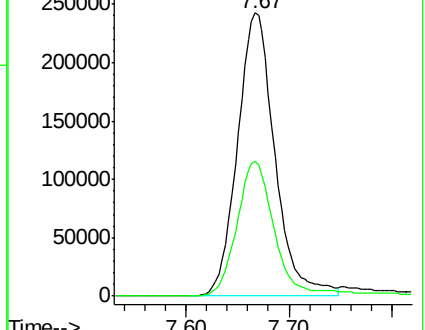
168 100

99 47.7 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 13.667 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053914.D

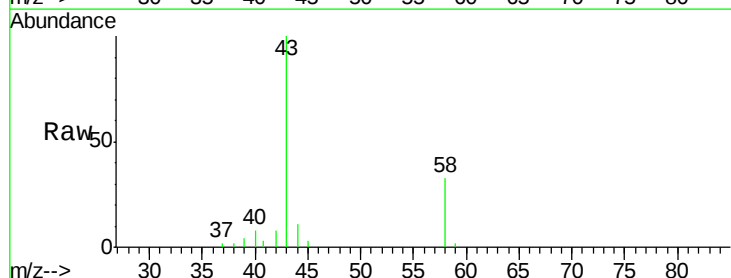
Acq: 22 Feb 2019 14:25

Tgt Ion: 43 Resp: 23457

Ion Ratio Lower Upper

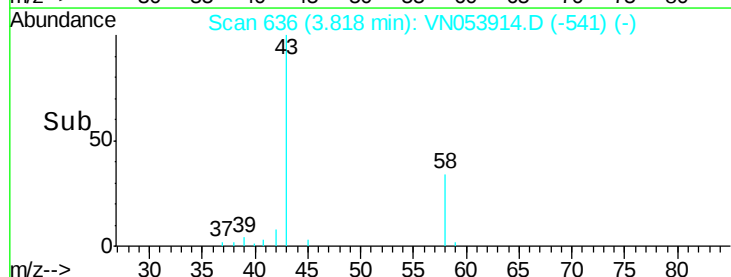
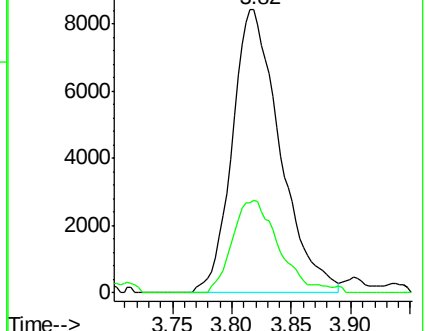
43 100

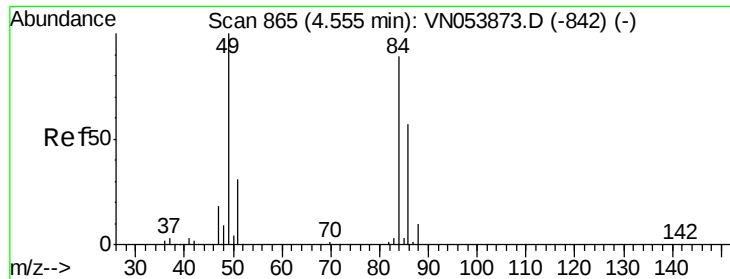
58 32.9 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

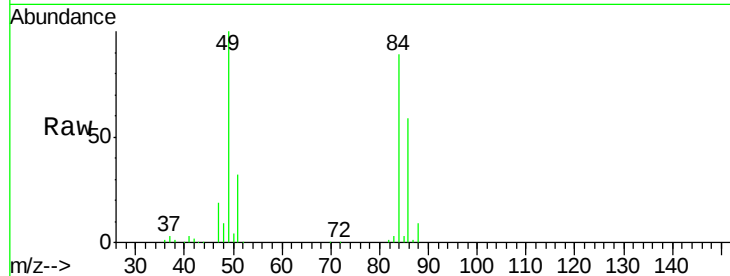




#20
Methvlene Chloride
Concen: 83.710 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

Tot Ion: 84 Resp: 537876

Ion	Ratio	Lower	Upper
84	100		
49	112.3	89.7	134.5
51	35.6	27.8	41.8
86	66.1	51.3	76.9



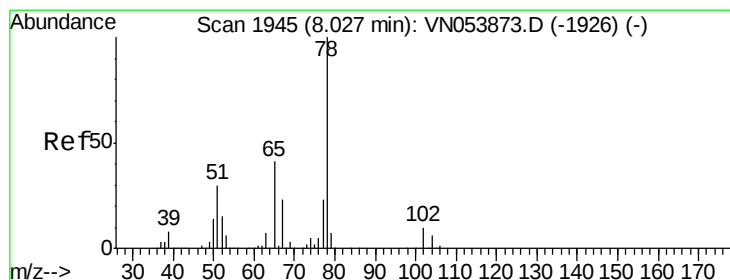
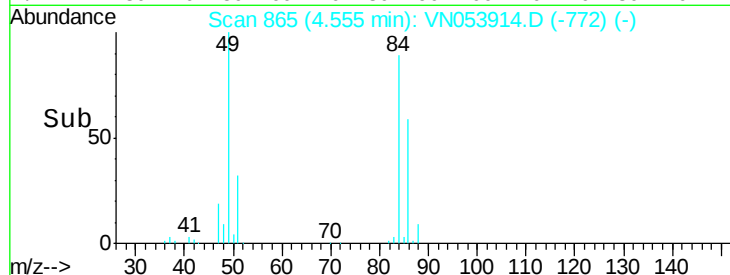
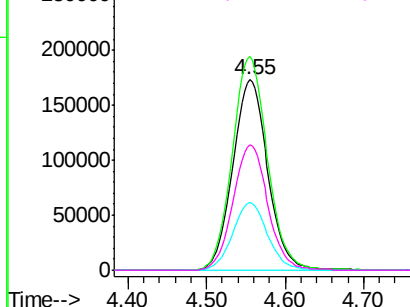
Abundance

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

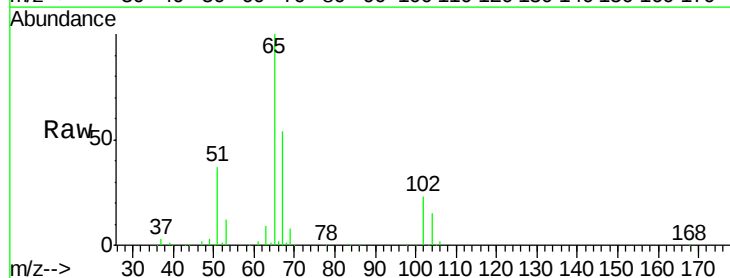
Ion 85.90 (85.60 to 86.60): VNO



#33
1,2-Dichloroethane-d4
Concen: 53.399 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

Tgt Ion: 65 Resp: 333241

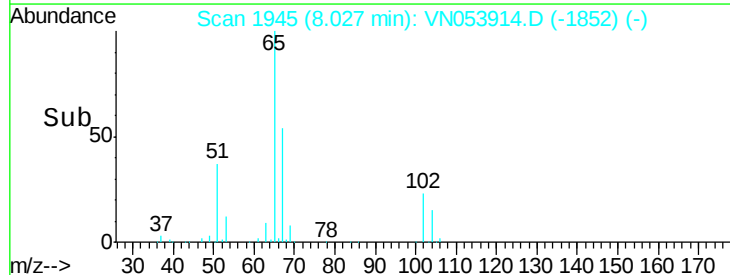
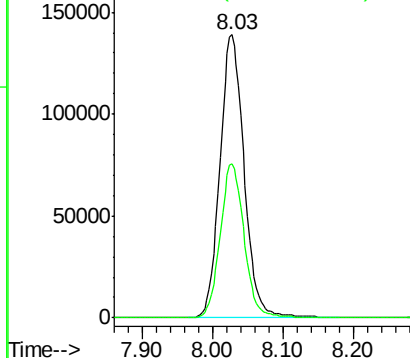
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	111.8

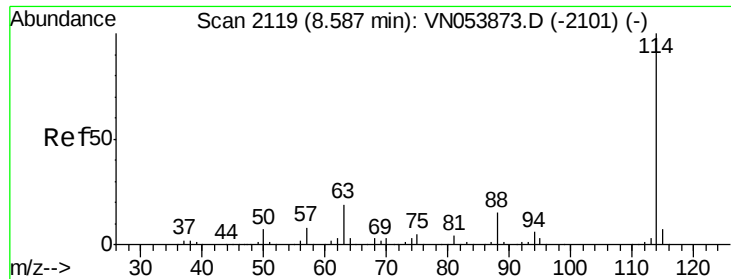


Abundance

Ion 64.90 (64.60 to 65.60): VNO

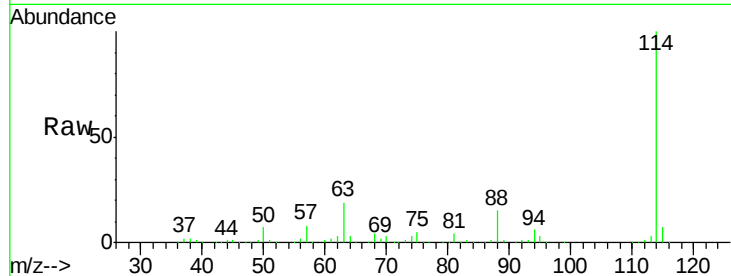
Ion 66.90 (66.60 to 67.60): VNO



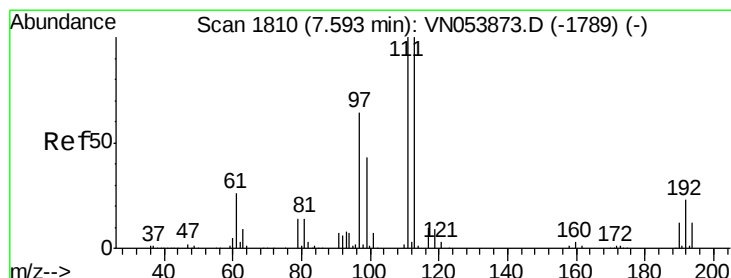
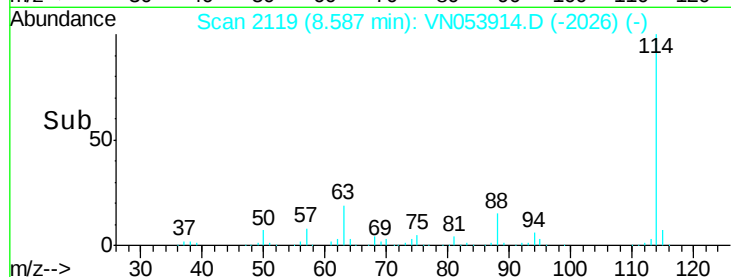
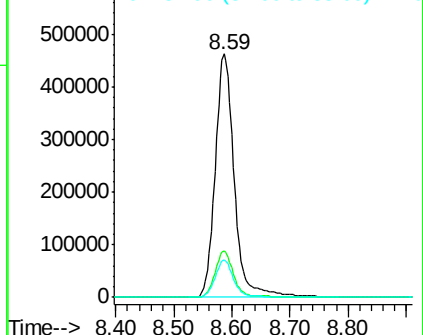


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053914.D
 Acq: 22 Feb 2019 14:25

Tot Ion:114 Resp: 1060376
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.4
 88 15.2 0.0 30.4

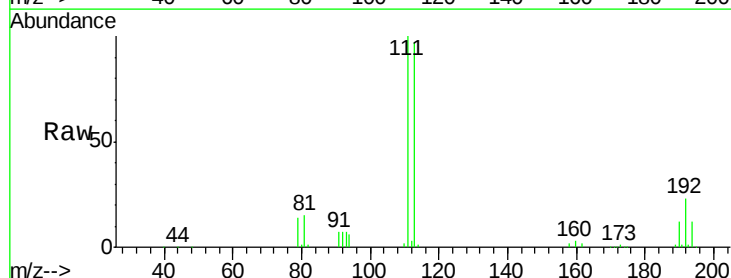


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

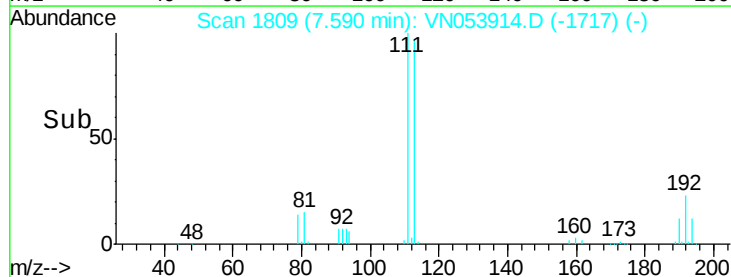
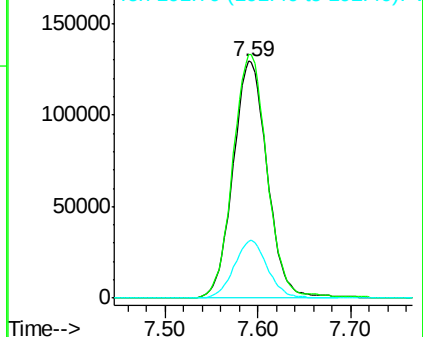


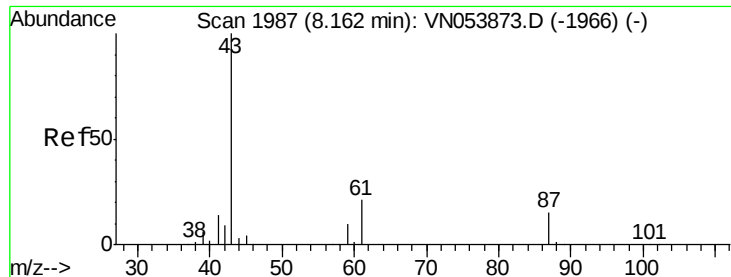
#35
 Dibromofluoromethane
 Concen: 47.526 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053914.D
 Acq: 22 Feb 2019 14:25

Tgt Ion:113 Resp: 330734
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.1 121.7
 192 23.8 18.8 28.2



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: 2.872 ug/l

RT: 8.17 min Scan# 1990

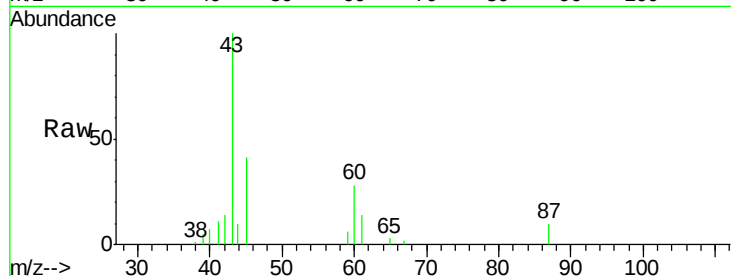
Delta R.T. 0.01 min

Lab File: VN053914.D

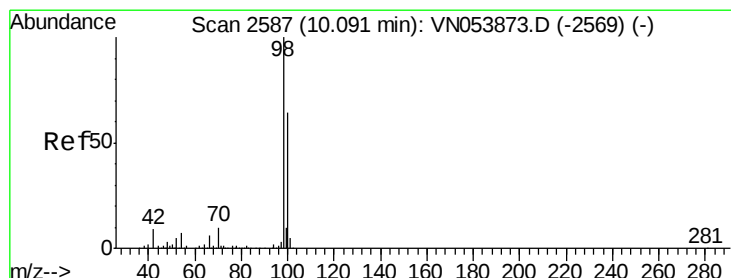
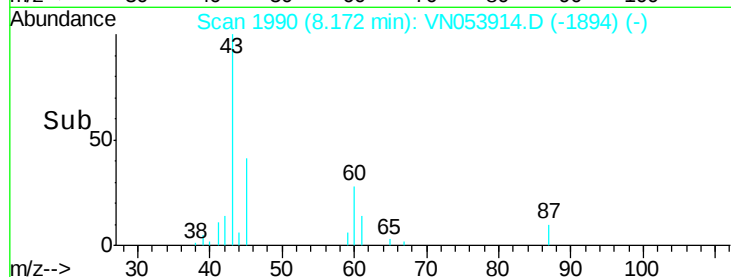
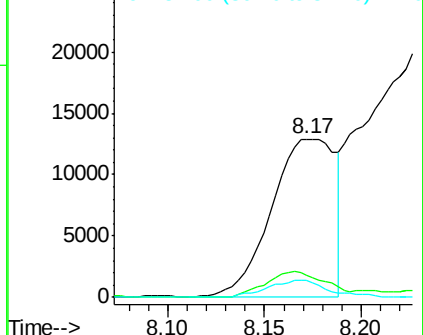
Acq: 22 Feb 2019 14:25

Tot Ion: 43 Resp: 29775

Ion	Ratio	Lower	Upper
43	100		
61	15.3	17.4	26.0#
87	10.1	11.5	17.3#



Abundance Ion 43.00 (42.70 to 43.70): VN053914.D (-1894) (-)



#50

Toluene-d8

Concen: 51.921 ug/l

RT: 10.09 min Scan# 2587

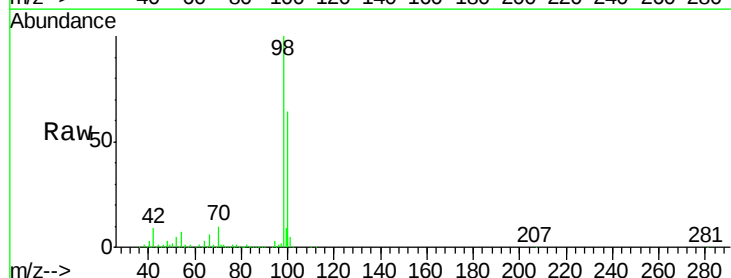
Delta R.T. 0.00 min

Lab File: VN053914.D

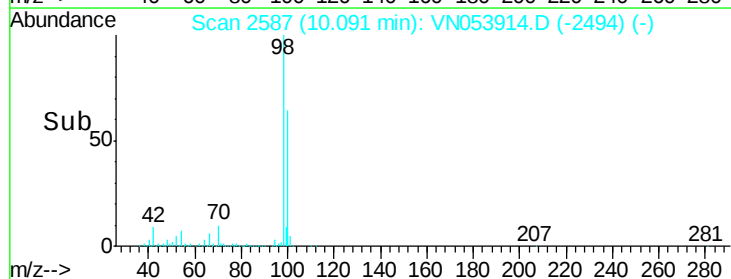
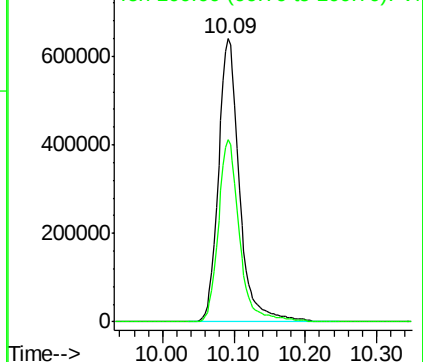
Acq: 22 Feb 2019 14:25

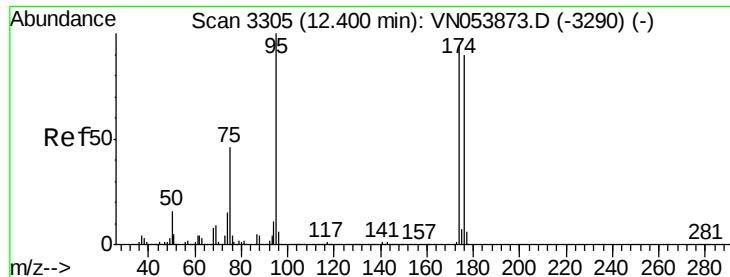
Tgt Ion: 98 Resp: 1305008

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053914.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 52.348 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053914.D

Acq: 22 Feb 2019 14:25

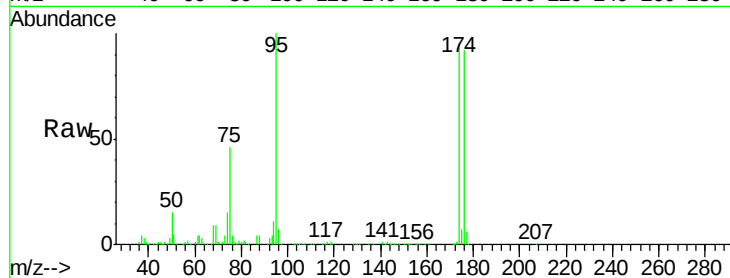
Tot Ion: 95 Resp: 434377

Ion Ratio Lower Upper

95 100

174 96.3 0.0 188.8

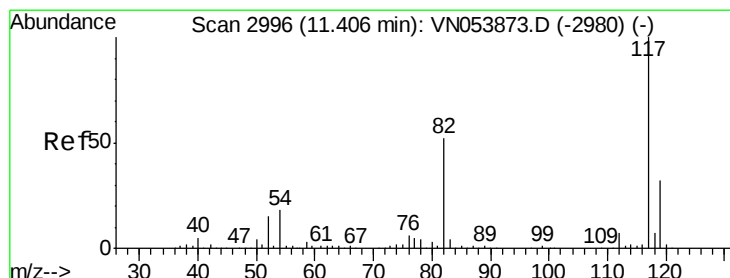
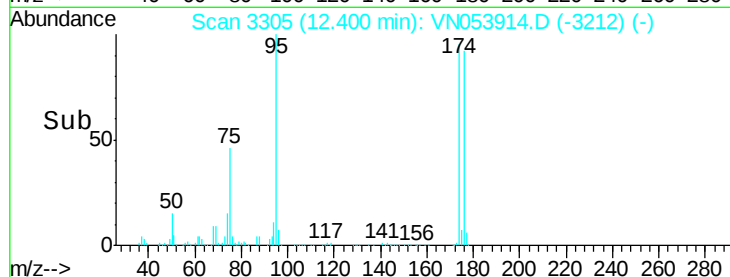
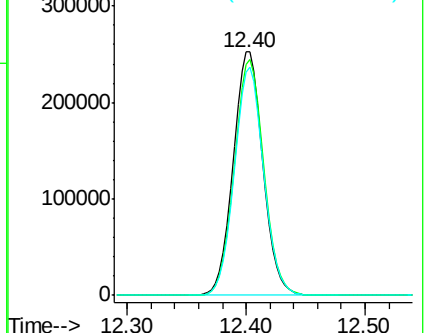
176 92.8 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053914.D

Acq: 22 Feb 2019 14:25

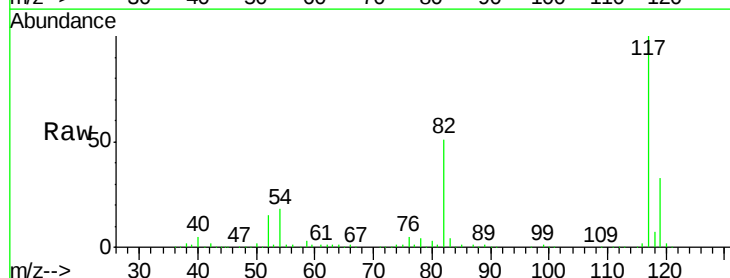
Tgt Ion: 117 Resp: 1006467

Ion Ratio Lower Upper

117 100

82 50.9 41.4 62.2

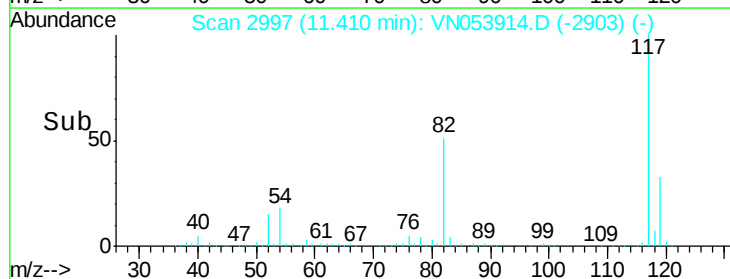
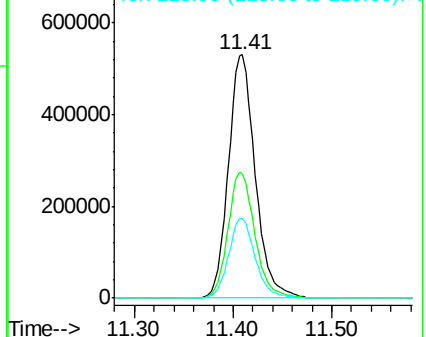
119 32.8 25.3 37.9

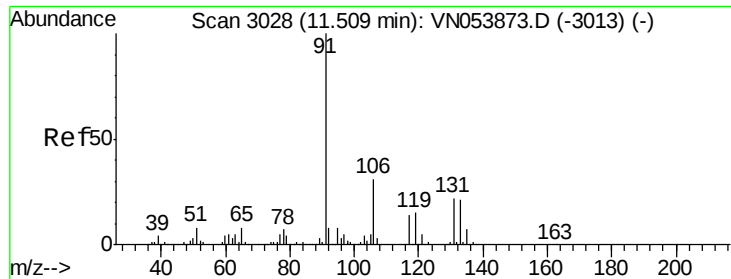


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

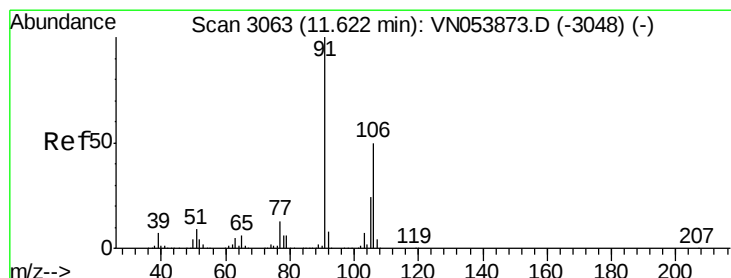
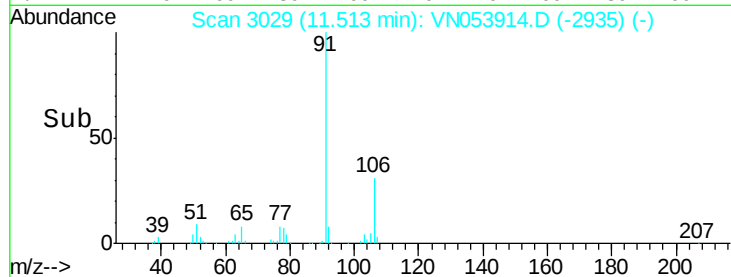
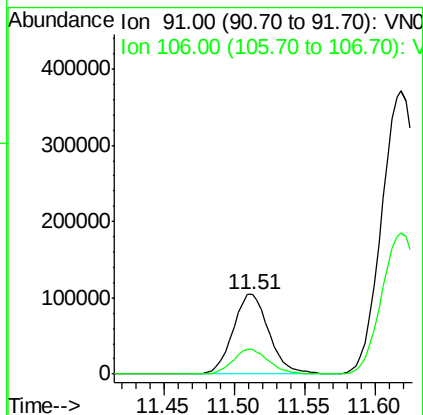
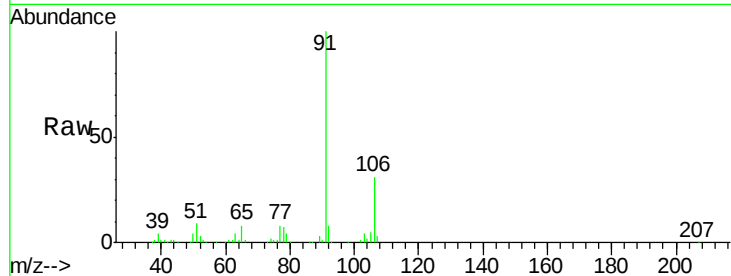
Ion 118.90 (118.60 to 119.60): VN0





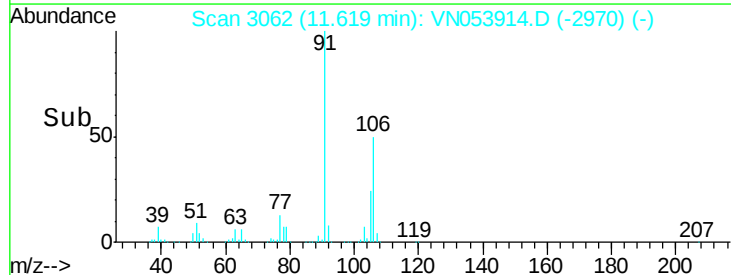
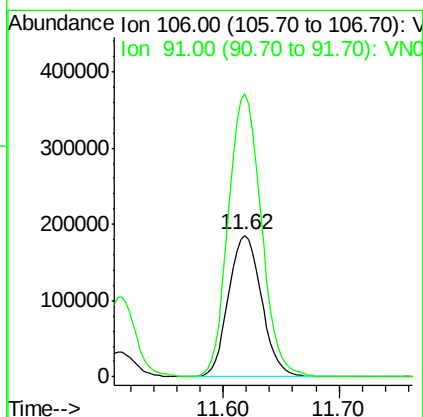
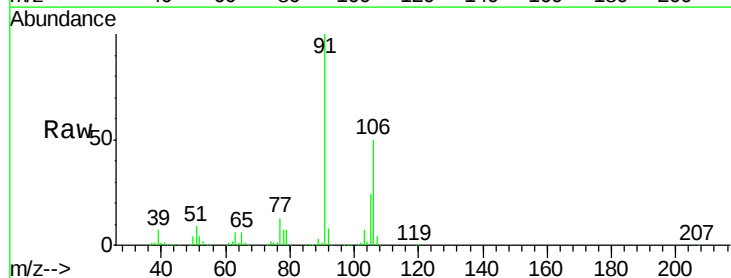
#67
Ethyl Benzene
Concen: 5.476 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

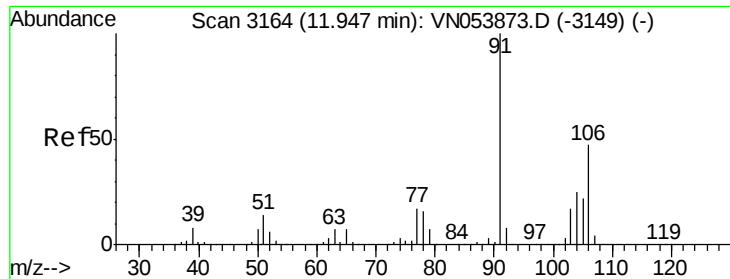
Tot Ion: 91 Resp: 186696
Ion Ratio Lower Upper
91 100
106 30.8 25.2 37.8



#68
m/p-Xylenes
Concen: 27.776 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

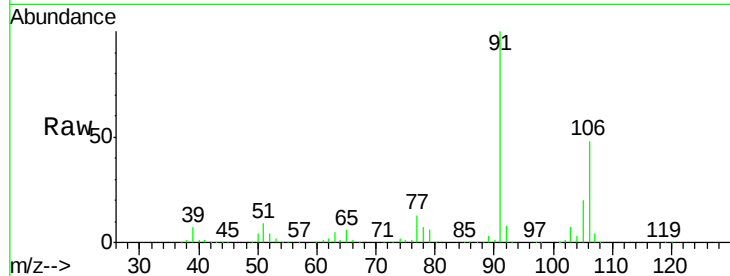
Tgt Ion: 106 Resp: 366681
Ion Ratio Lower Upper
106 100
91 198.6 158.9 238.3



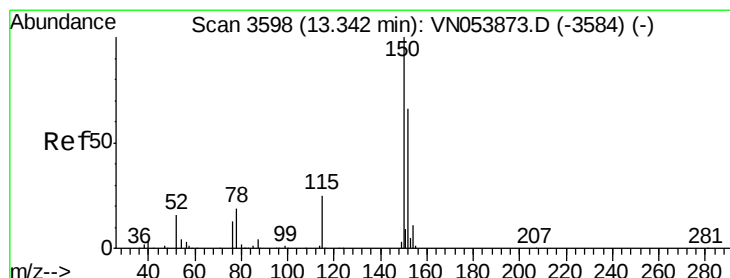
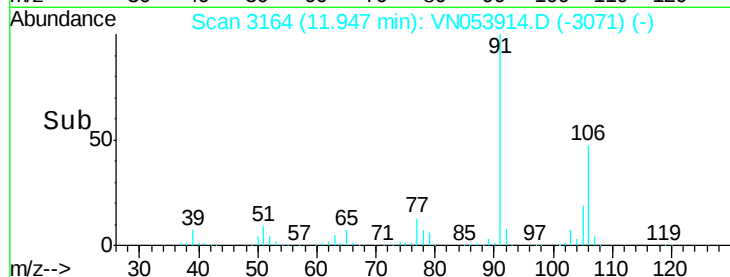
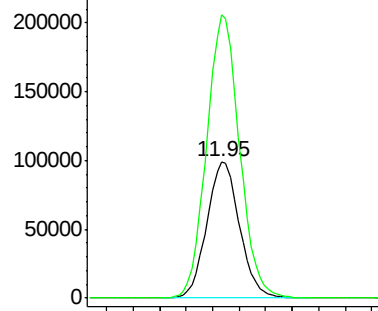


#69
o-Xylene
Concen: 13.351 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

Tot Ion:106 Resp: 169679
Ion Ratio Lower Upper
106 100
91 209.2 106.0 318.0

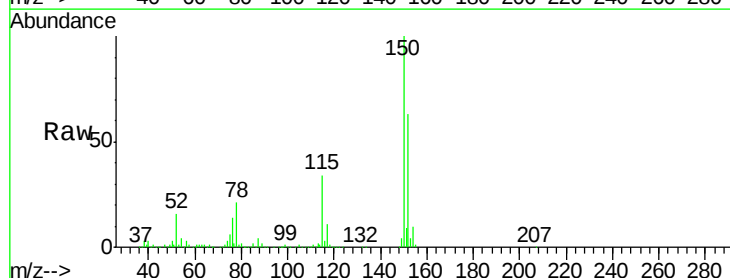


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

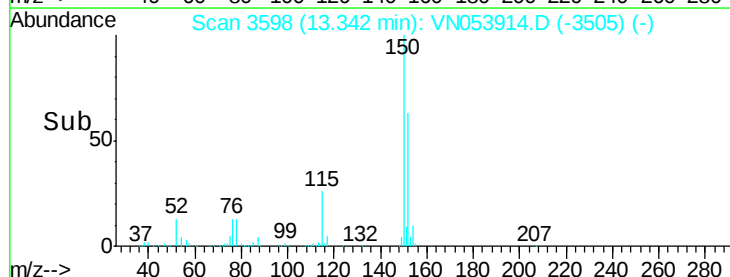
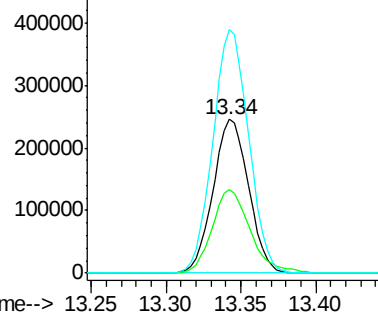


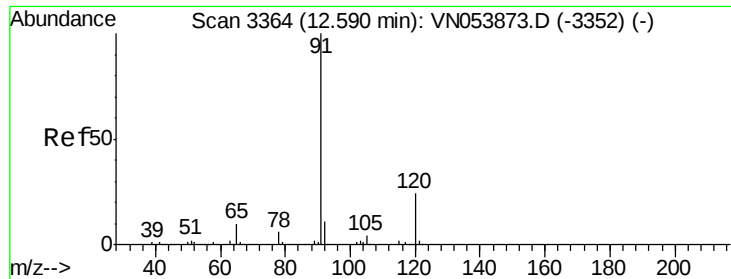
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

Tgt Ion:152 Resp: 406072
Ion Ratio Lower Upper
152 100
115 57.7 27.2 81.6
150 159.2 0.0 348.2



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





#78

n-propylbenzene

Concen: 1.817 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053914.D

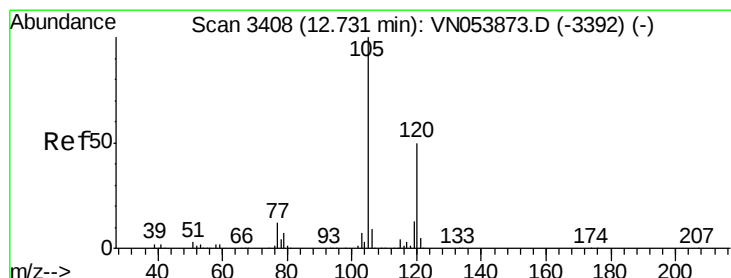
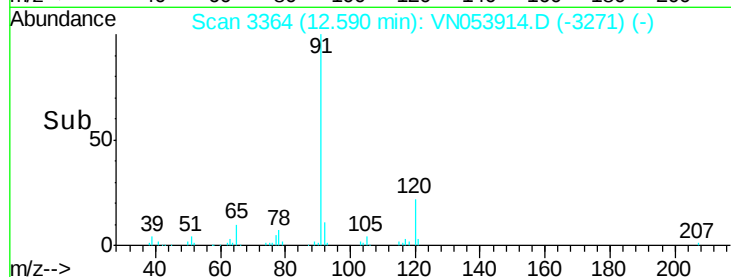
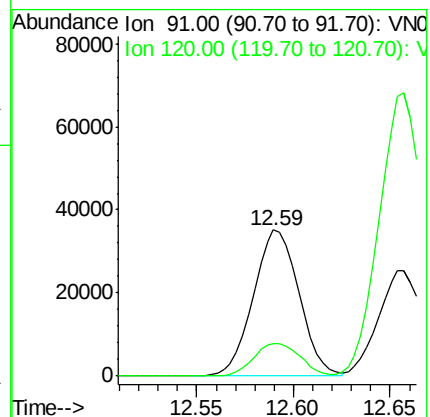
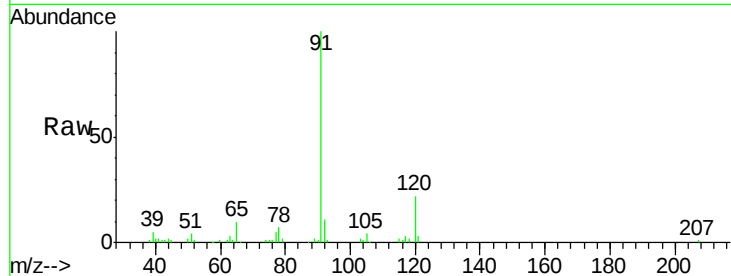
Acq: 22 Feb 2019 14:25

Tot Ion: 91 Resp: 58139

Ion Ratio Lower Upper

91 100

120 22.7 11.9 35.9



#80

1,3,5-Trimethylbenzene

Concen: 9.963 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053914.D

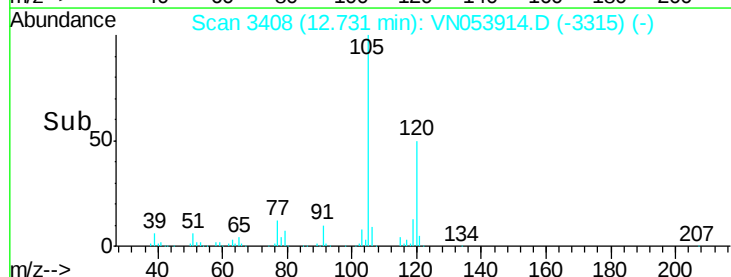
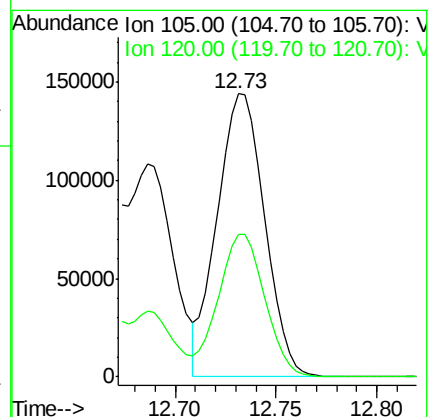
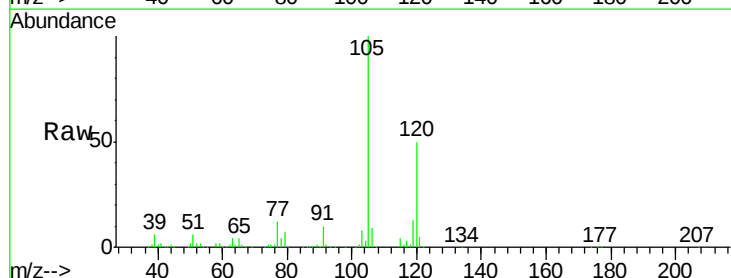
Acq: 22 Feb 2019 14:25

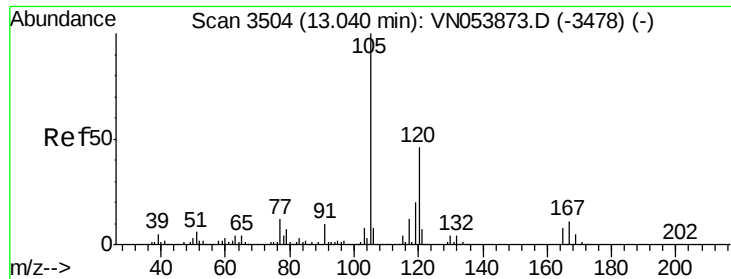
Tgt Ion: 105 Resp: 236584

Ion Ratio Lower Upper

105 100

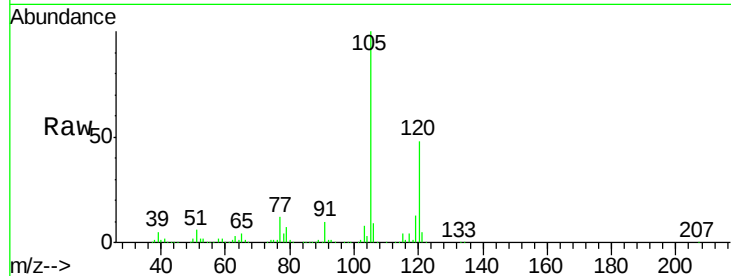
120 48.9 25.1 75.2



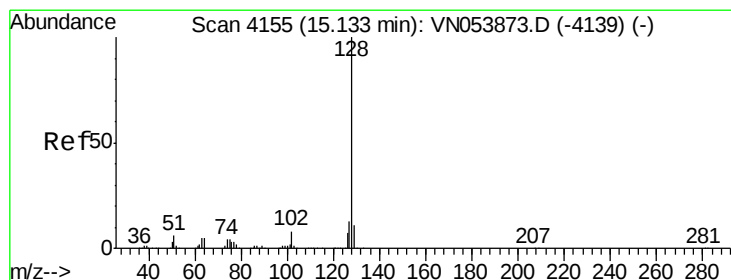
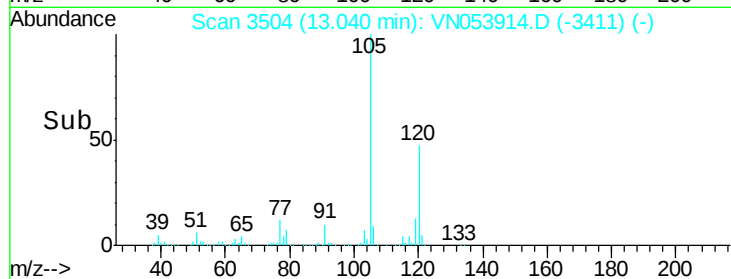
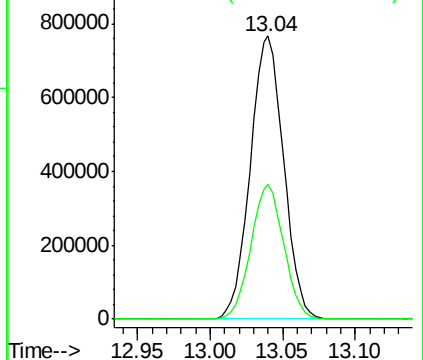


#84
1,2,4-Trimethylbenzene
Concen: 51.556 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

Tot Ion:105 Resp: 1227853
Ion Ratio Lower Upper
105 100
120 46.9 23.2 69.5

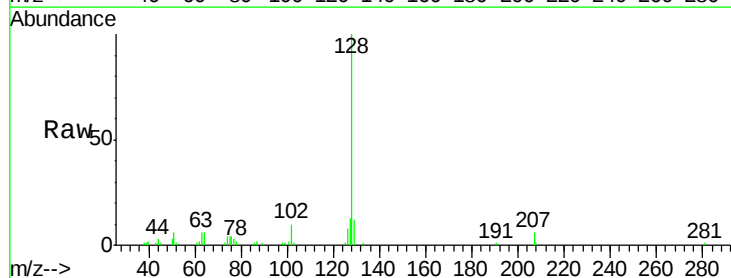


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



#95
Naphthalene
Concen: 7.705 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053914.D
Acq: 22 Feb 2019 14:25

Tgt Ion:128 Resp: 54900
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.2
129 11.1 8.6 12.8



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

