

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022219\
 Data File : VN053912.D
 Acq On : 22 Feb 2019 13:32
 Operator : JC/SP
 Sample : K1546-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

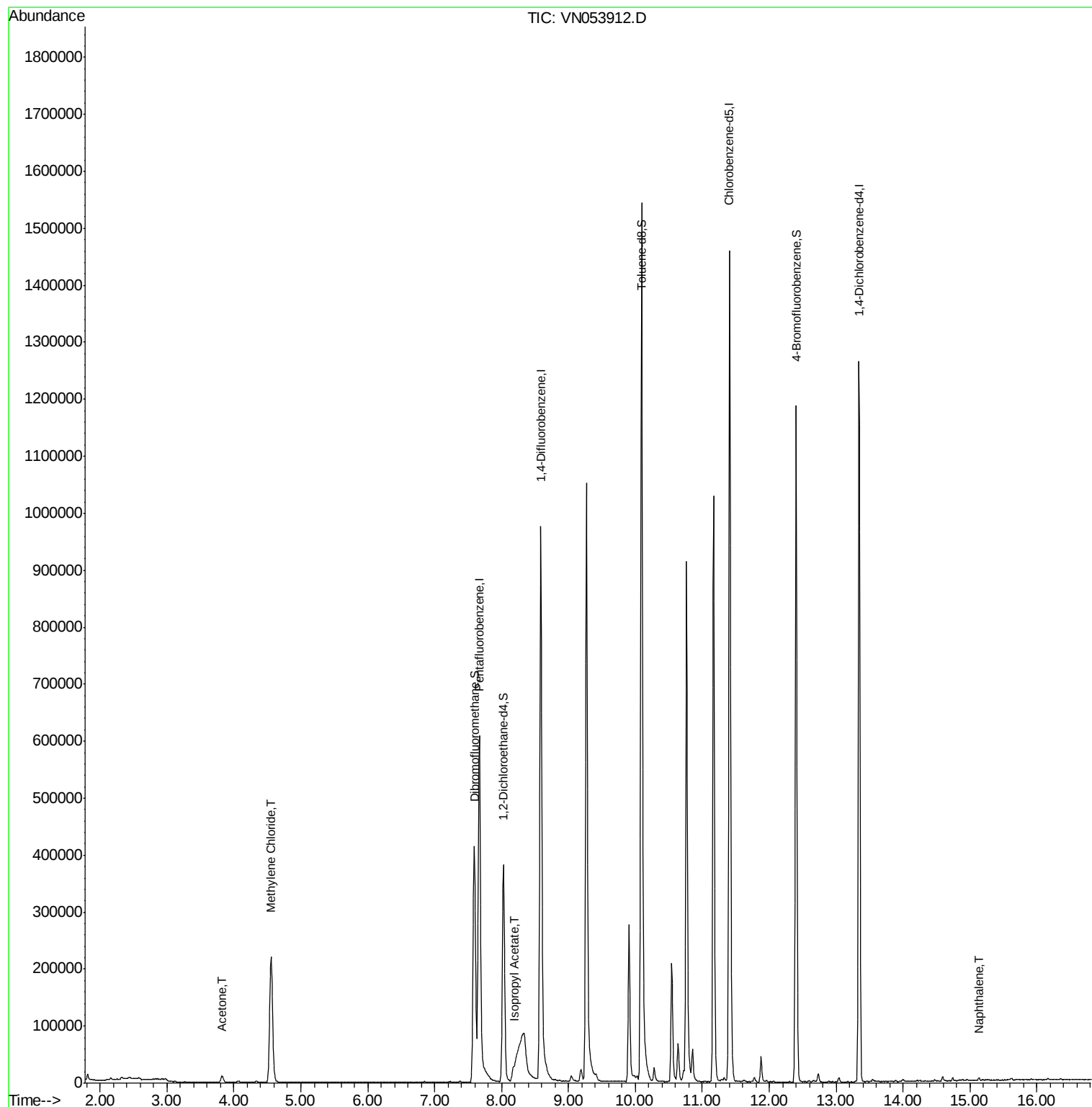
Quant Time: Feb 22 22:48:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

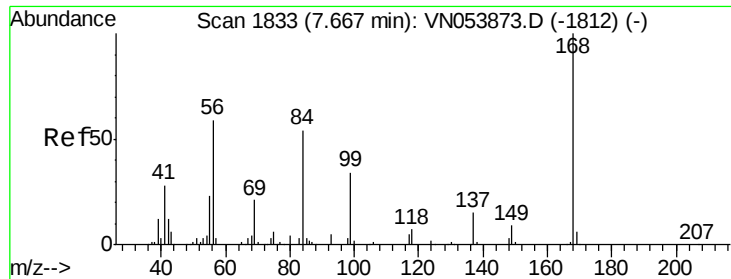
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	613458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1038098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	995490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	374471	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	331405	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
35) Dibromofluoromethane	7.59	113	331163	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
50) Toluene-d8	10.09	98	1272346	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.40	95	410887	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
Target Compounds						
16) Acetone	3.82	43	19463	11.288	ug/l #	83
20) Methylene Chloride	4.55	84	178474	27.648	ug/l	99
43) Isopropyl Acetate	8.17	43	27478	2.707	ug/l #	88
95) Naphthalene	15.14	128	4709	4.900	ug/l #	93

(#) = 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: VN053912.D

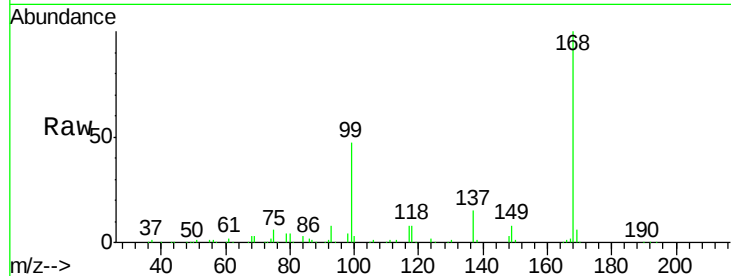
Acq: 22 Feb 2019 13:32

Tot Ion:168 Resp: 613458

Ion Ratio Lower Upper

168 100

99 46.9 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

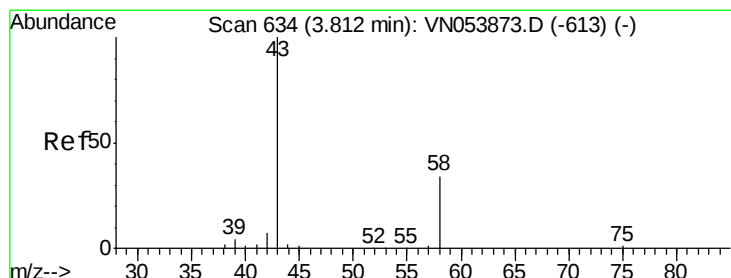
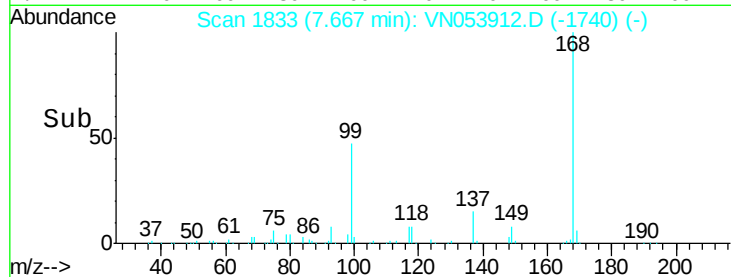
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.288 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053912.D

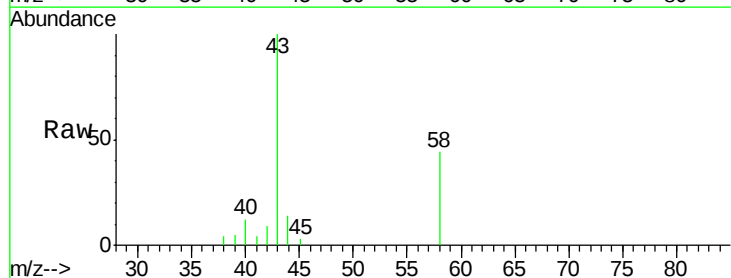
Acq: 22 Feb 2019 13:32

Tgt Ion: 43 Resp: 19463

Ion Ratio Lower Upper

43 100

58 44.5 27.6 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

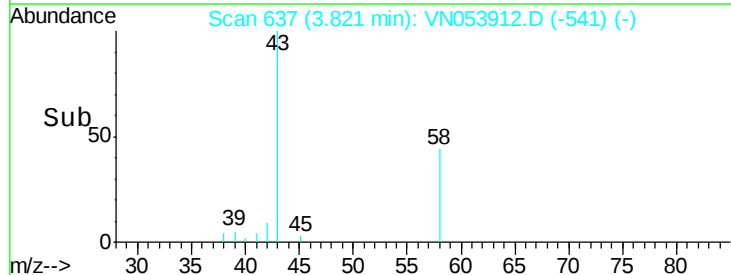
6000

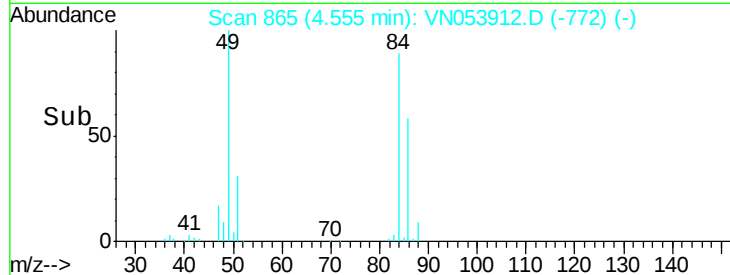
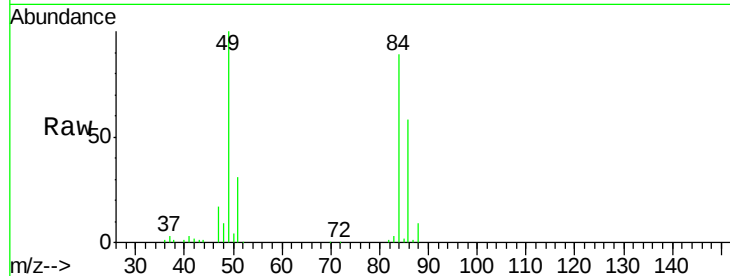
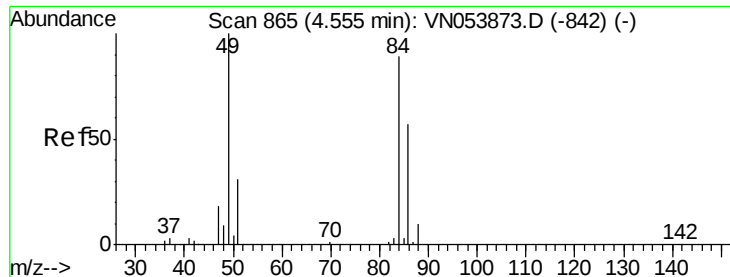
4000

2000

0

Time-->

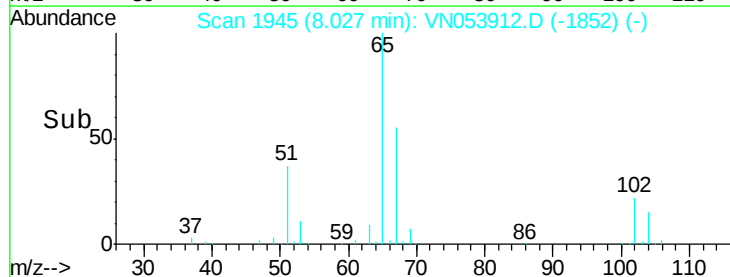
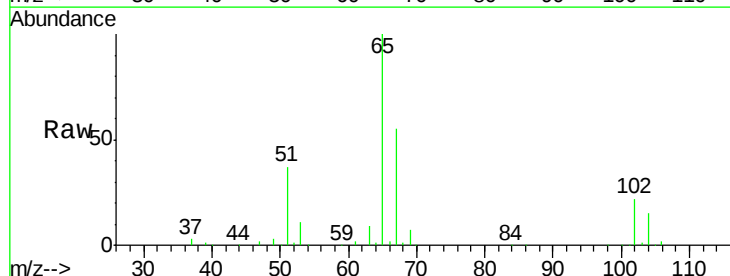
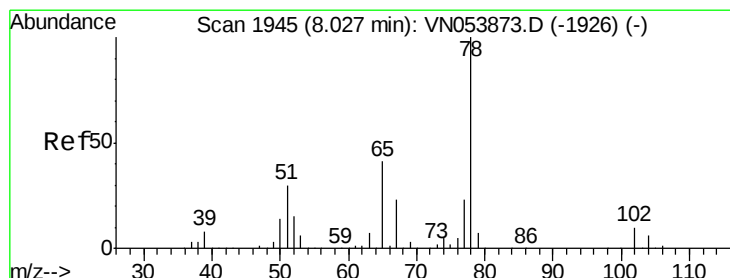
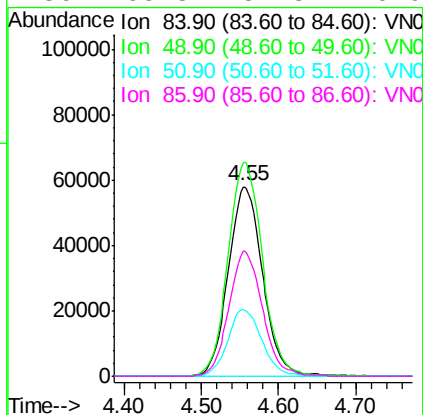




#20
Methvlene Chloride
Concen: 27.648 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053912.D
Acq: 22 Feb 2019 13:32

Tot Ion: 84 Resp: 178474

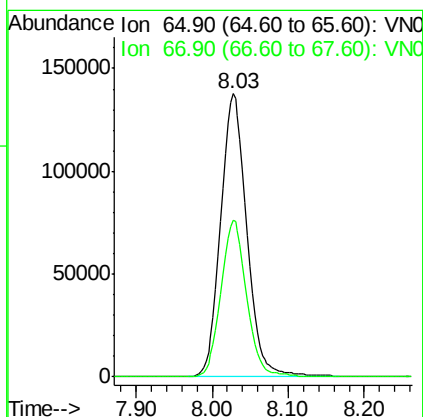
Ion	Ratio	Lower	Upper
84	100		
49	112.5	89.7	134.5
51	35.3	27.8	41.8
86	65.8	51.3	76.9

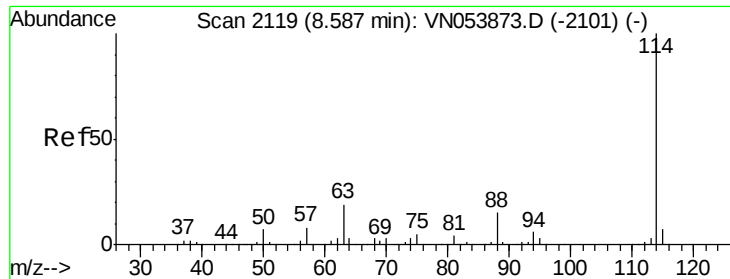


#33
1,2-Dichloroethane-d4
Concen: 52.860 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053912.D
Acq: 22 Feb 2019 13:32

Tgt Ion: 65 Resp: 331405

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	111.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN053912.D

Acq: 22 Feb 2019 13:32

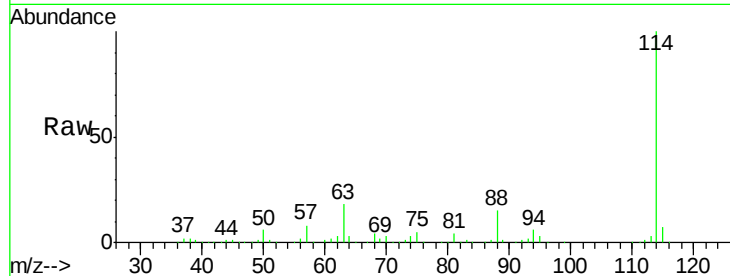
Tot Ion:114 Resp: 1038098

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.4

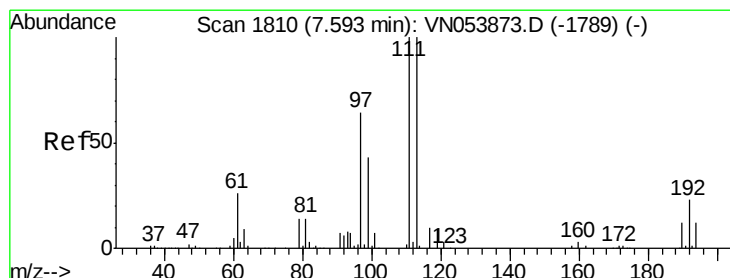
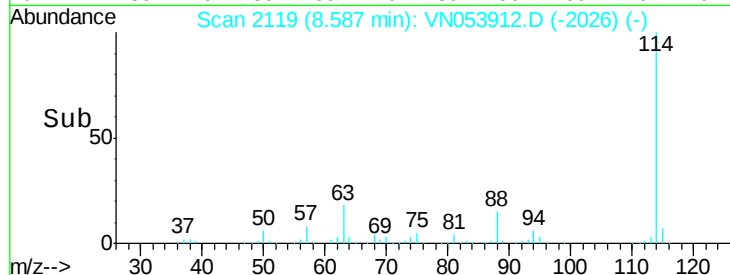
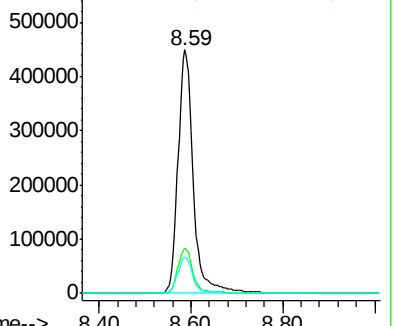
88 14.9 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.609 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN053912.D

Acq: 22 Feb 2019 13:32

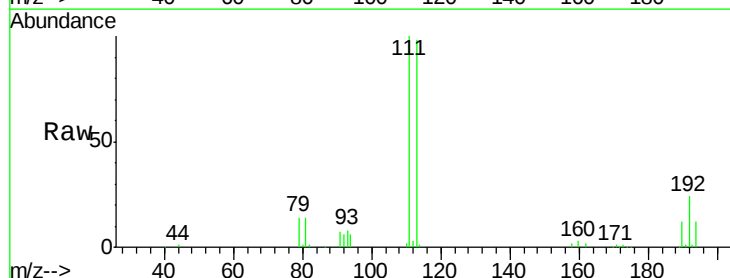
Tgt Ion:113 Resp: 331163

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

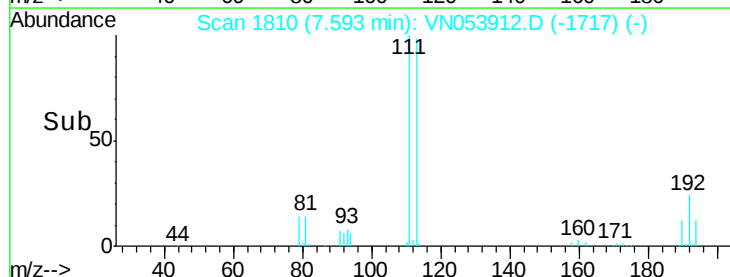
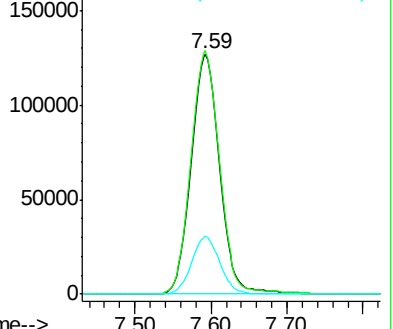
192 23.7 18.8 28.2

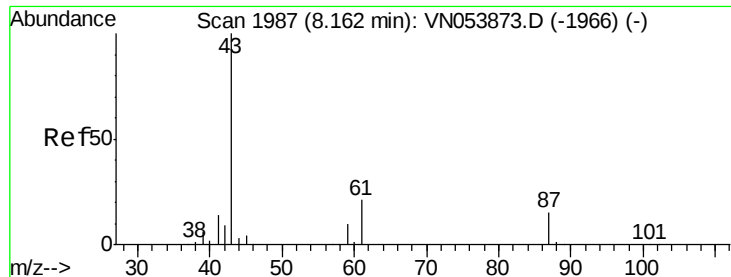


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.707 ug/l

RT: 8.17 min Scan# 1991

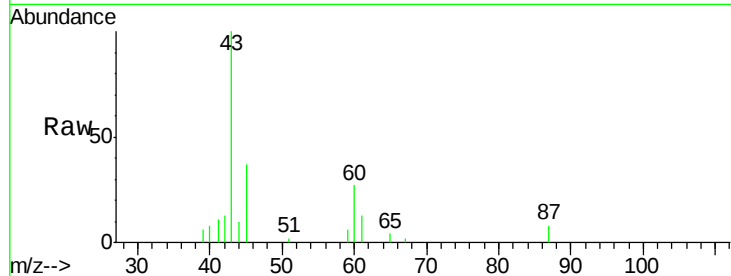
Delta R.T. 0.01 min

Lab File: VN053912.D

Acq: 22 Feb 2019 13:32

Tot Ion: 43 Resp: 27478

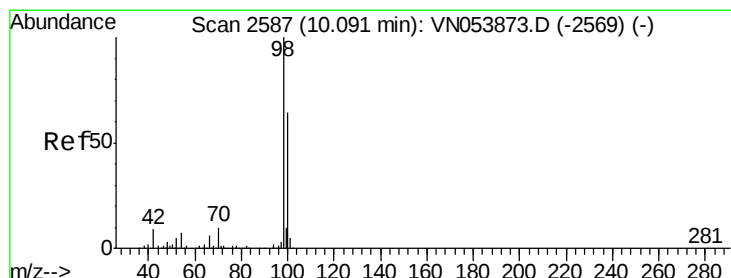
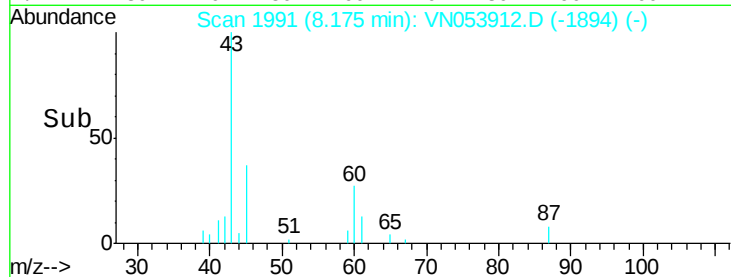
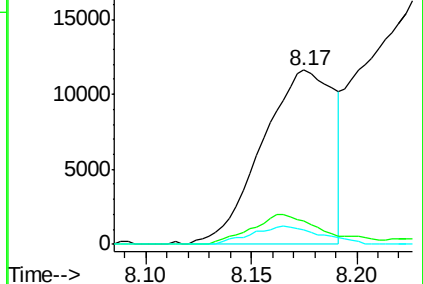
Ion	Ratio	Lower	Upper
43	100		
61	15.6	17.4	26.0#
87	10.0	11.5	17.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.708 ug/l

RT: 10.09 min Scan# 2587

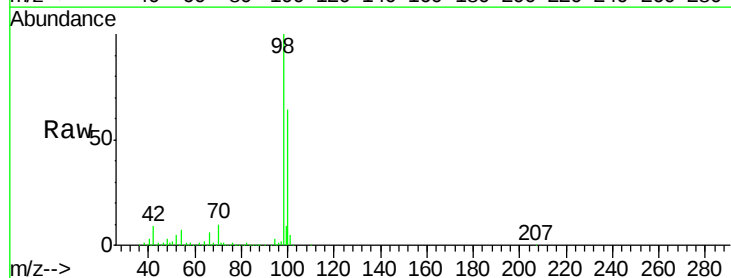
Delta R.T. -0.00 min

Lab File: VN053912.D

Acq: 22 Feb 2019 13:32

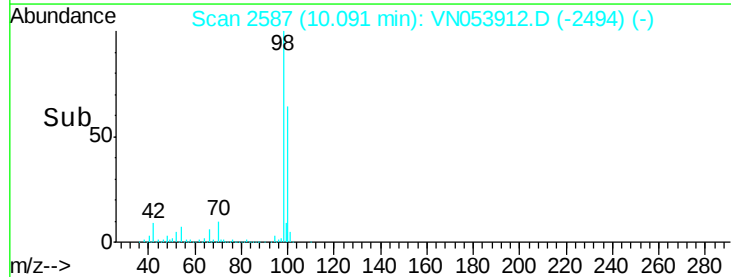
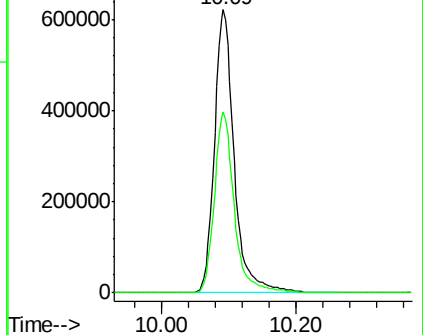
Tgt Ion: 98 Resp: 1272346

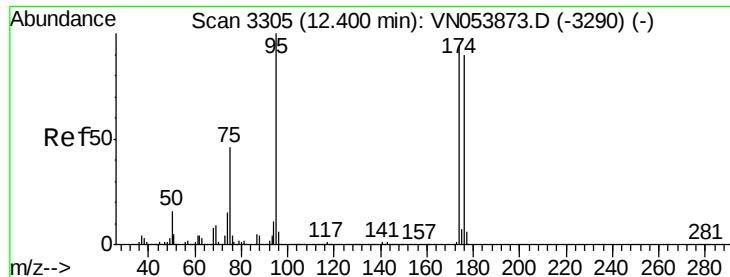
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 50.580 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053912.D

Acq: 22 Feb 2019 13:32

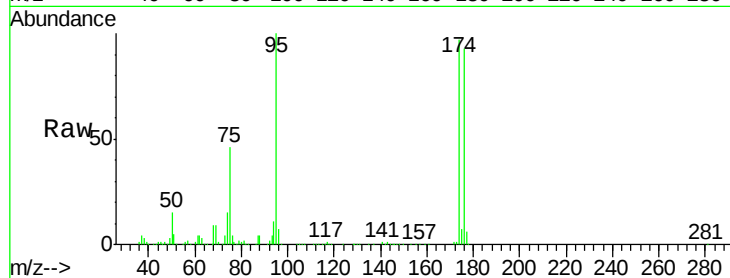
Tot Ion: 95 Resp: 410887

Ion Ratio Lower Upper

95 100

174 97.5 0.0 188.8

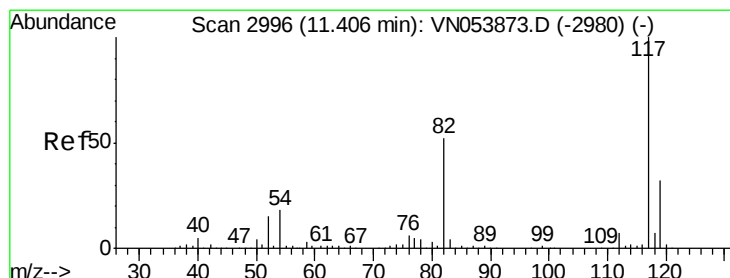
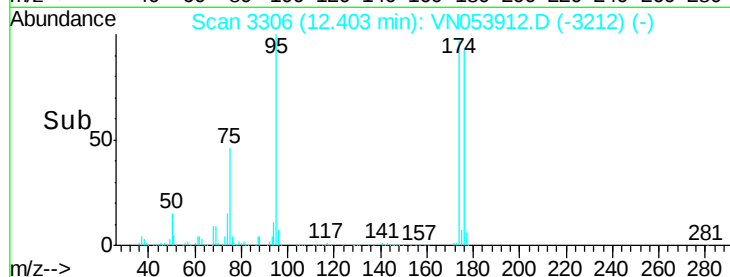
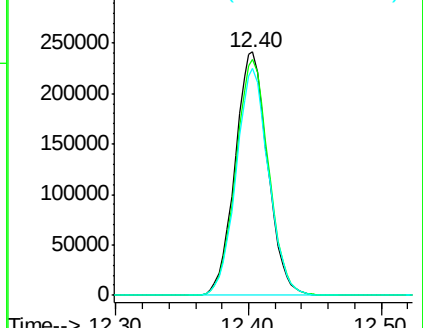
176 92.6 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053873.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053873.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053873.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053912.D

Acq: 22 Feb 2019 13:32

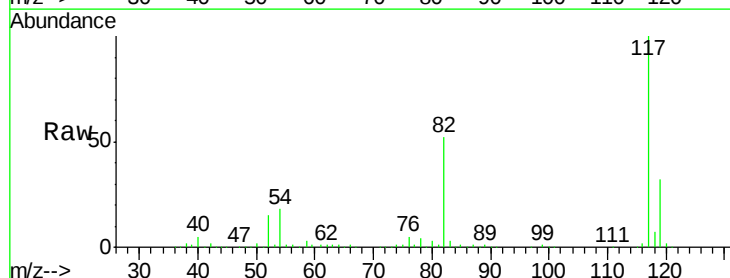
Tgt Ion: 117 Resp: 995490

Ion Ratio Lower Upper

117 100

82 52.2 41.4 62.2

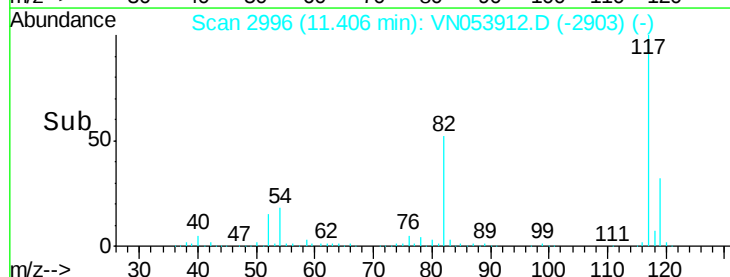
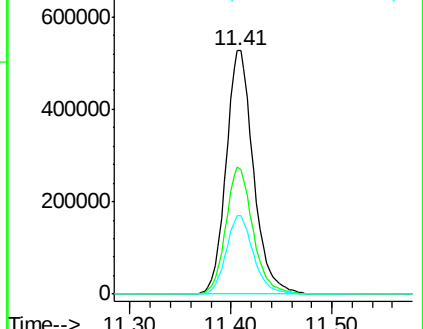
119 32.0 25.3 37.9

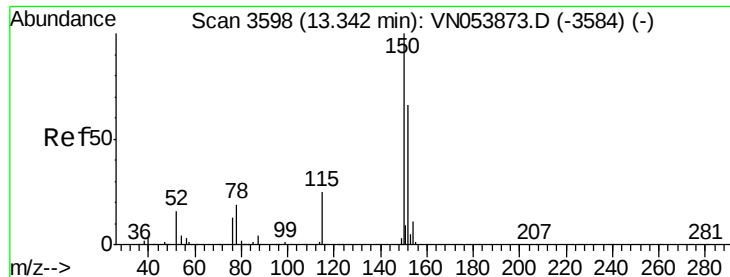


Abundance Ion 116.90 (116.60 to 117.60): VN053873.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053873.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053873.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

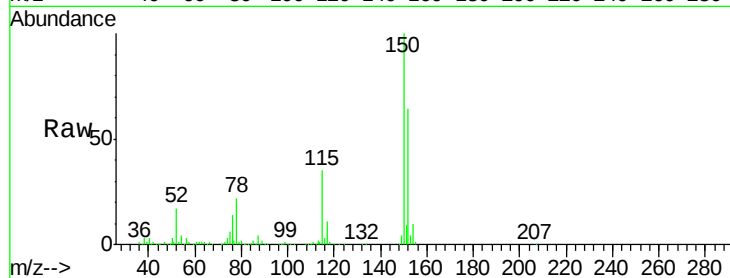
Delta R.T. -0.00 min

Lab File: VN053912.D

Acq: 22 Feb 2019 13:32

Tot Ion:152 Resp: 374471

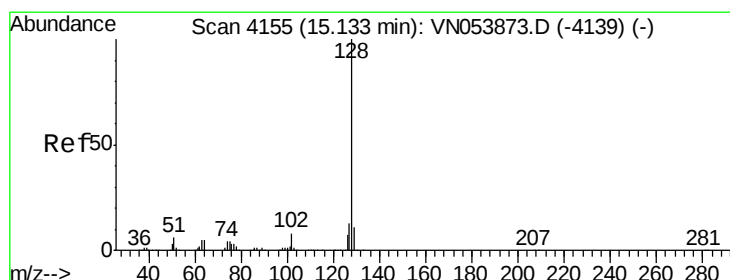
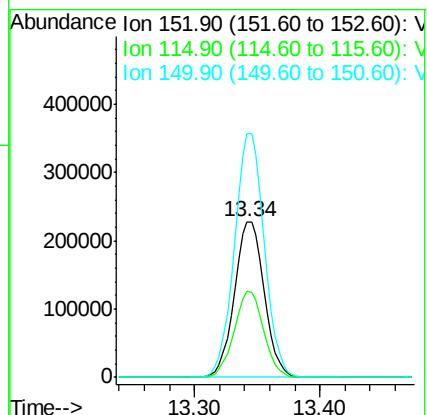
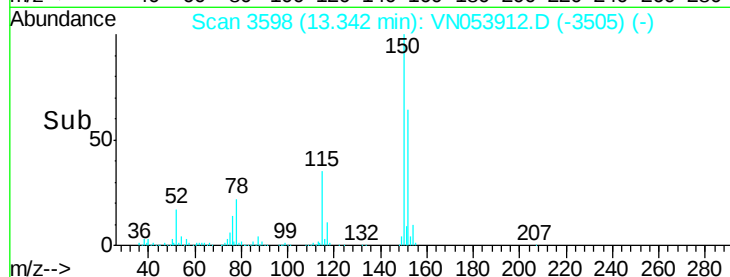
Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.2	81.6
150	157.0	0.0	348.2



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



#95

Naphthalene

Concen: 4.900 ug/l

RT: 15.14 min Scan# 4156

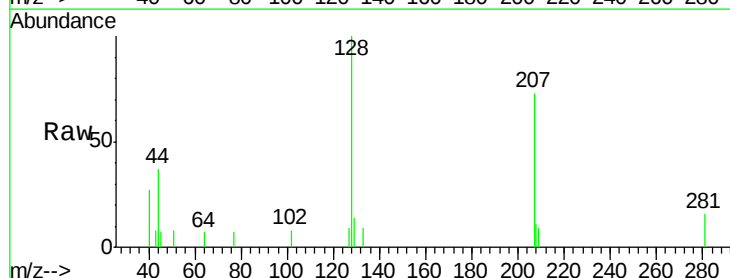
Delta R.T. 0.00 min

Lab File: VN053912.D

Acq: 22 Feb 2019 13:32

Tgt Ion:128 Resp: 4709

Ion	Ratio	Lower	Upper
128	100		
127	7.8	10.2	15.2#
129	10.6	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

