

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022219\
 Data File : VN053911.D
 Acq On : 22 Feb 2019 13:05
 Operator : JC/SP
 Sample : K1546-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

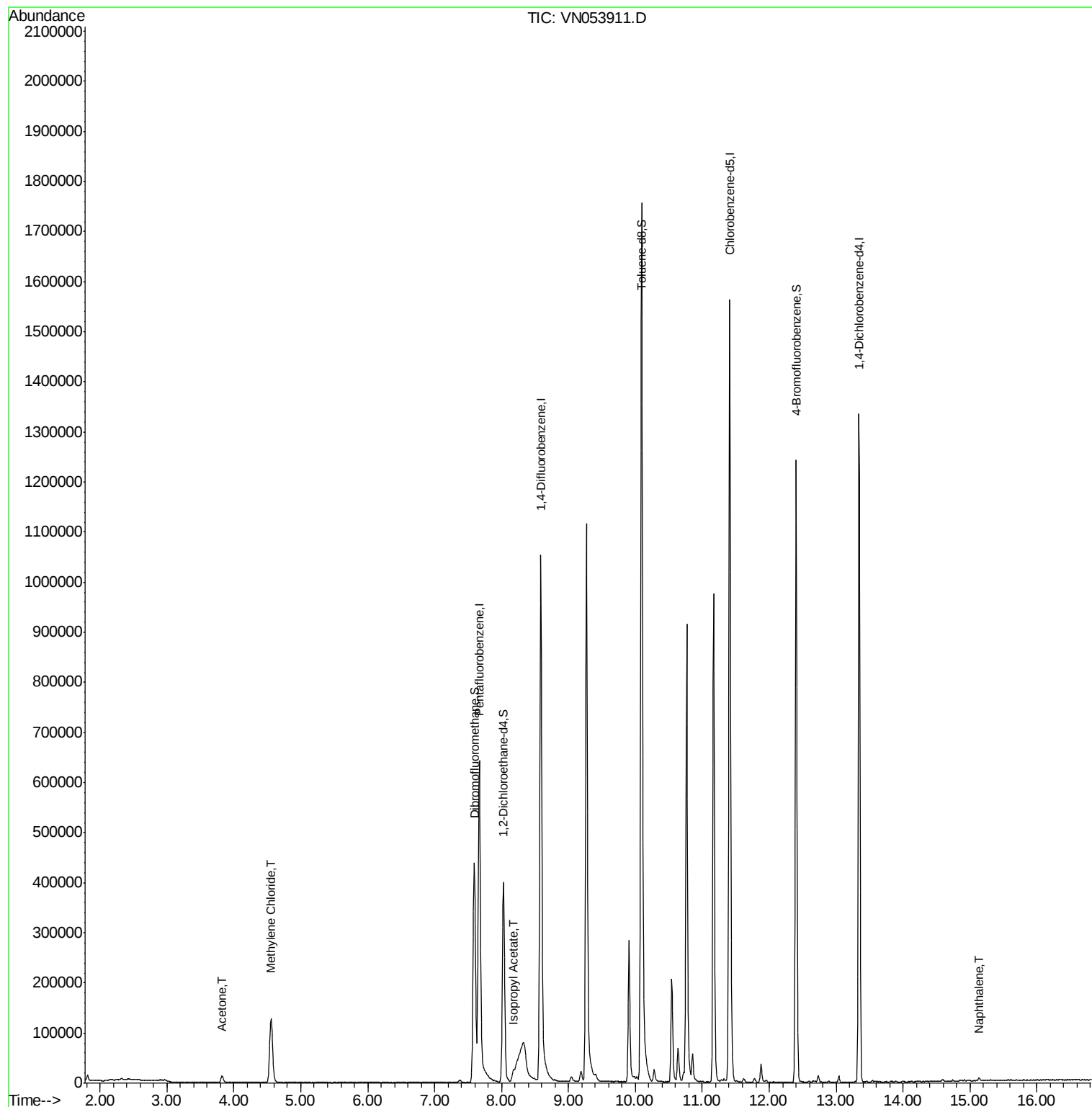
Quant Time: Feb 22 22:46:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

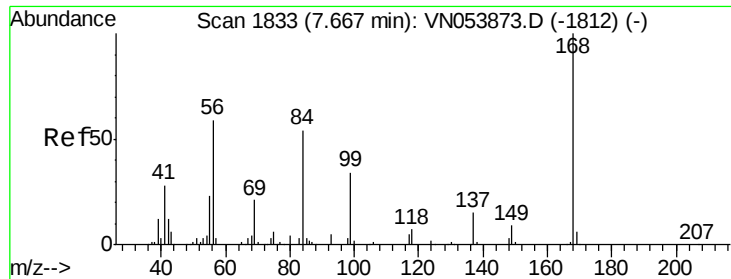
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	647128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1119965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1071012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	398465	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	344612	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
35) Dibromofluoromethane	7.59	113	344536	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
50) Toluene-d8	10.09	98	1456108	54.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.70%	
62) 4-Bromofluorobenzene	12.40	95	436304	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
Target Compounds						
16) Acetone	3.82	43	22113	12.158	ug/l	96
20) Methylene Chloride	4.56	84	106014	15.569	ug/l	98
43) Isopropyl Acetate	8.18	43	24721	2.258	ug/l #	92
95) Naphthalene	15.13	128	6632	4.993	ug/l	96

(#) = 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: VN053911.D

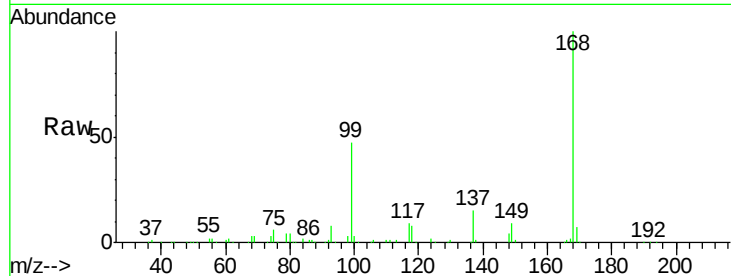
Acq: 22 Feb 2019 13:05

Tot Ion:168 Resp: 647128

Ion Ratio Lower Upper

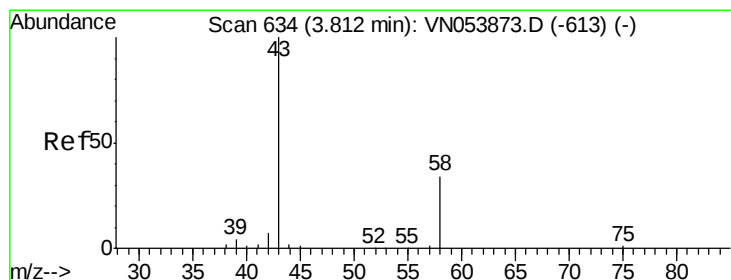
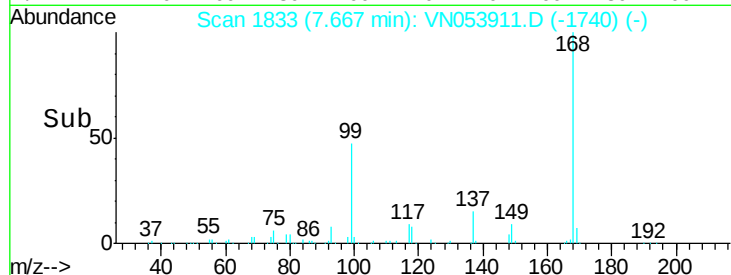
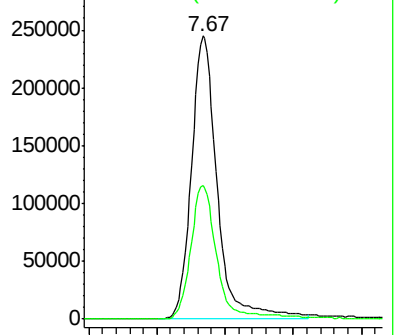
168 100

99 47.4 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: 12.158 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053911.D

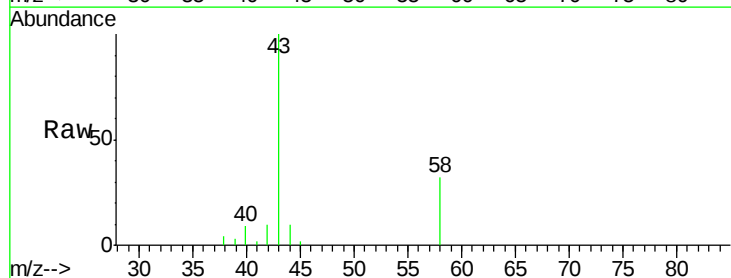
Acq: 22 Feb 2019 13:05

Tgt Ion: 43 Resp: 22113

Ion Ratio Lower Upper

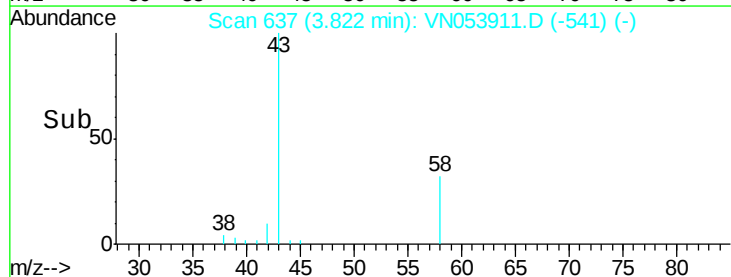
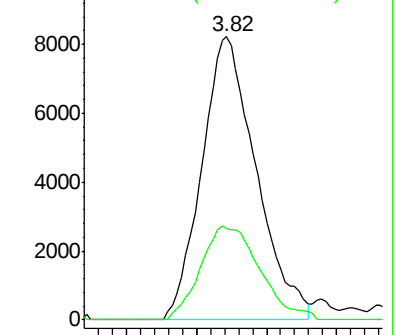
43 100

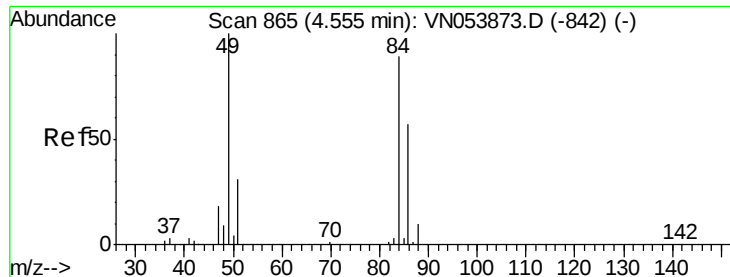
58 32.3 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

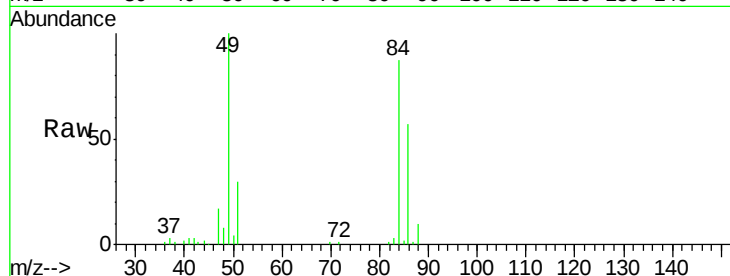
Ion 58.00 (57.70 to 58.70): VNO



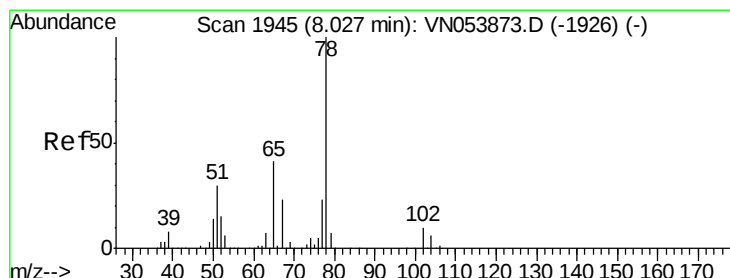
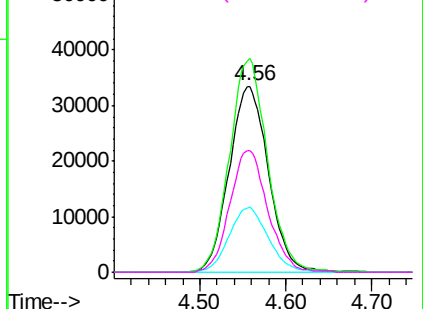
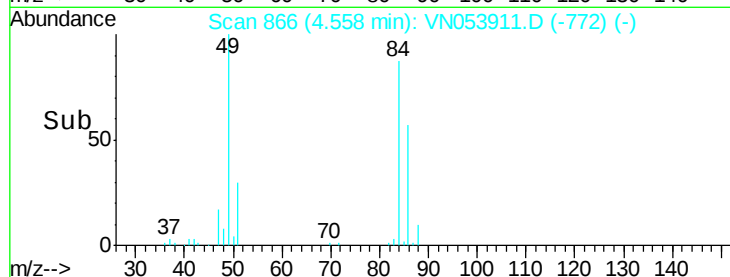


#20
Methvlene Chloride
Concen: 15.569 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053911.D
Acq: 22 Feb 2019 13:05

Tot Ion: 84 Resp: 106014
Ion Ratio Lower Upper
84 100
49 114.8 89.7 134.5
51 34.8 27.8 41.8
86 65.1 51.3 76.9

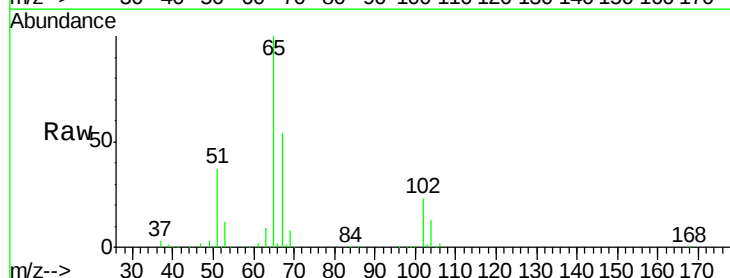


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

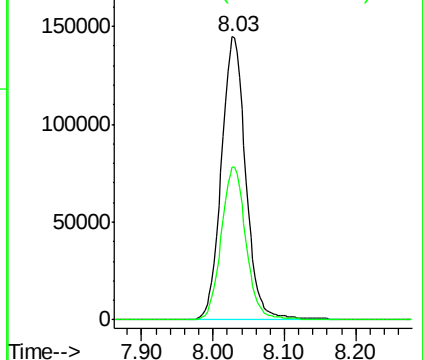
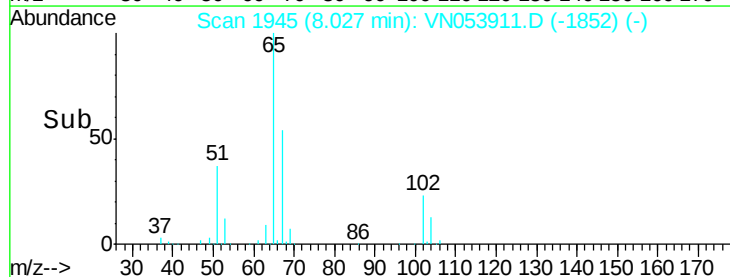


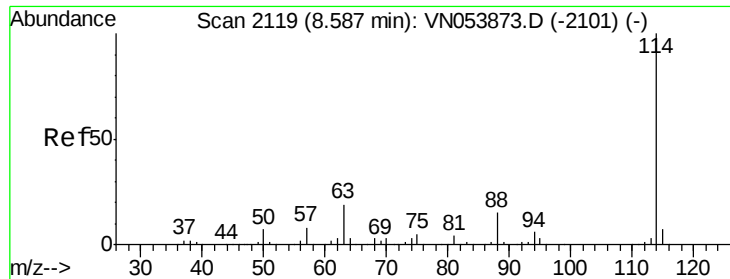
#33
1,2-Dichloroethane-d4
Concen: 52.107 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053911.D
Acq: 22 Feb 2019 13:05

Tgt Ion: 65 Resp: 344612
Ion Ratio Lower Upper
65 100
67 54.9 0.0 111.8



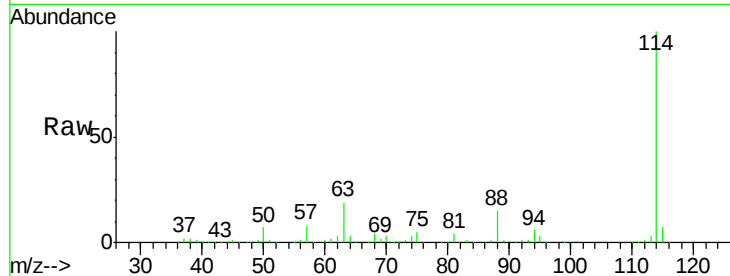
Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO



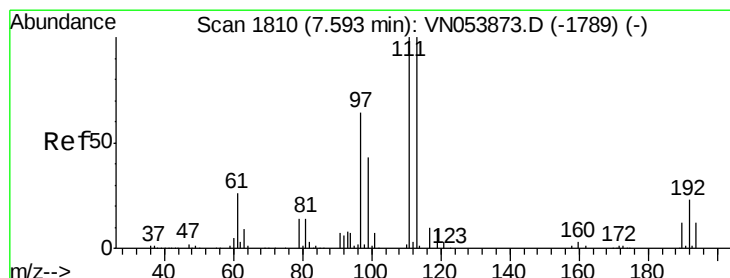
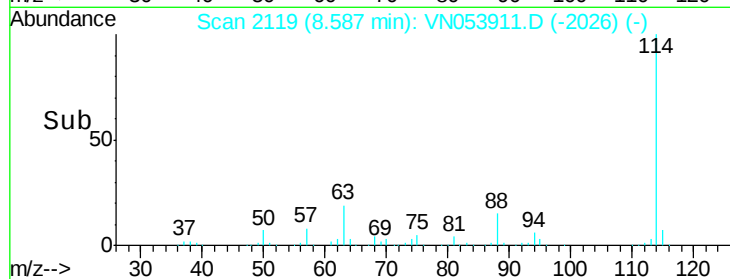
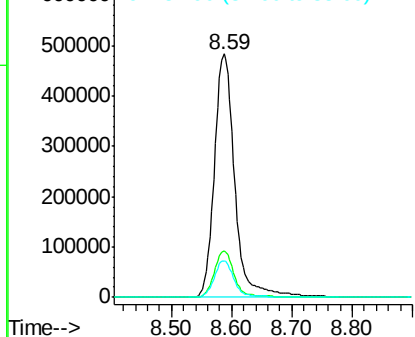


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053911.D
 Acq: 22 Feb 2019 13:05

Tot Ion:114 Resp: 1119965
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.4
 88 15.1 0.0 30.4

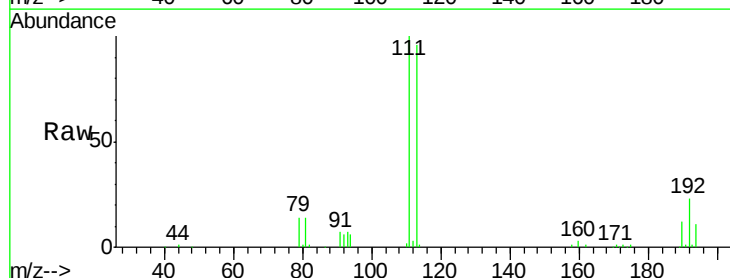


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

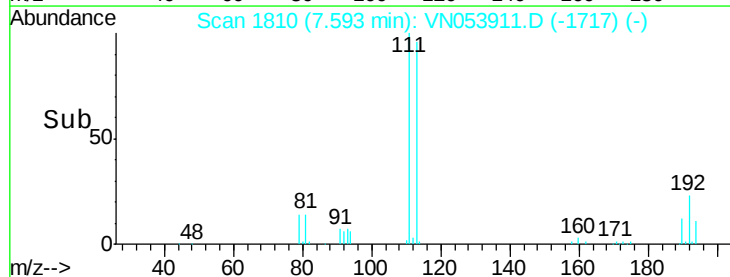
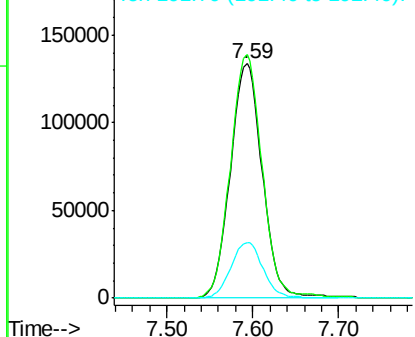


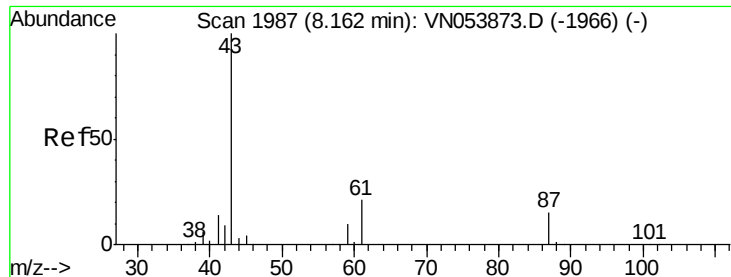
#35
 Dibromofluoromethane
 Concen: 46.875 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053911.D
 Acq: 22 Feb 2019 13:05

Tgt Ion:113 Resp: 344536
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.1 121.7
 192 24.0 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: 2.258 ug/l

RT: 8.18 min Scan# 1993

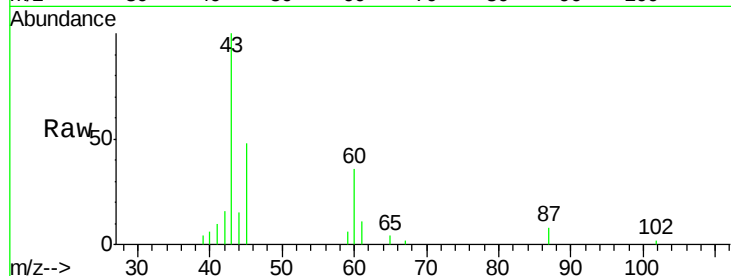
Delta R.T. 0.02 min

Lab File: VN053911.D

Acq: 22 Feb 2019 13:05

Tot Ion: 43 Resp: 24721

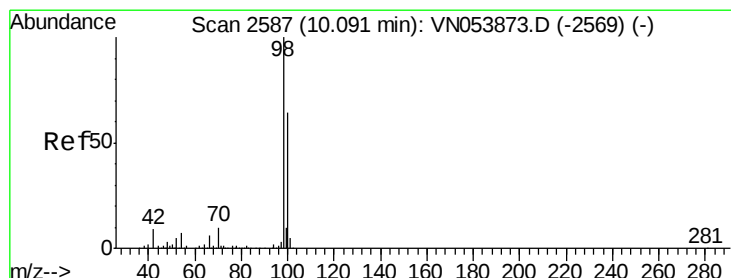
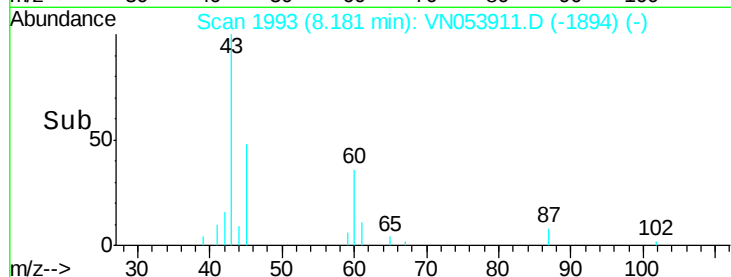
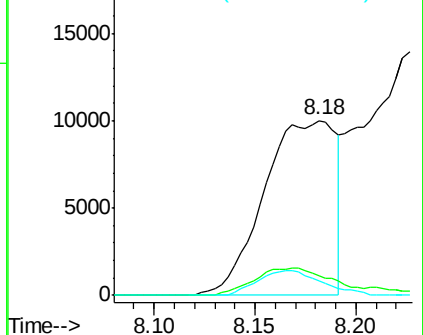
Ion	Ratio	Lower	Upper
43	100		
61	16.6	17.4	26.0#
87	12.6	11.5	17.3



Abundance Ion 43.00 (42.70 to 43.70): VN053911.D (-1993) (-)

Ion 61.00 (60.70 to 61.70): VN053911.D (-1993) (-)

Ion 87.00 (86.70 to 87.70): VN053911.D (-1993) (-)



#50

Toluene-d8

Concen: 54.850 ug/l

RT: 10.09 min Scan# 2587

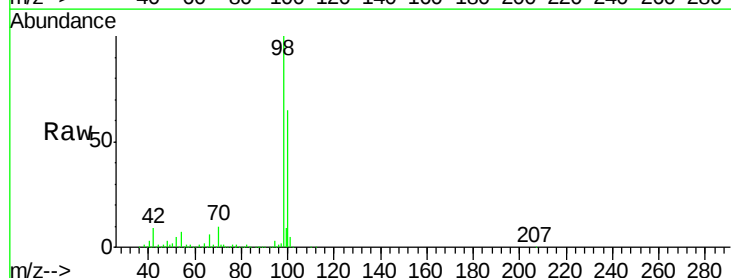
Delta R.T. 0.00 min

Lab File: VN053911.D

Acq: 22 Feb 2019 13:05

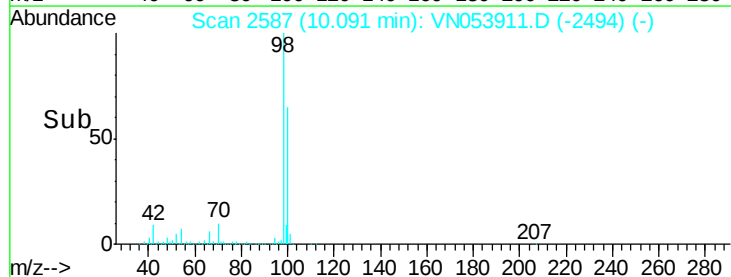
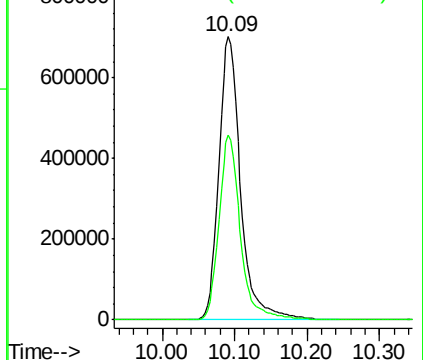
Tgt Ion: 98 Resp: 1456108

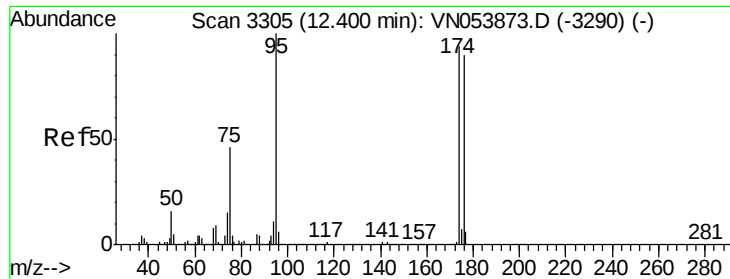
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053911.D (-2587) (-)

Ion 100.00 (99.70 to 100.70): VN053911.D (-2587) (-)





#62

4-Bromofluorobenzene

Concen: 49.783 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053911.D

Acq: 22 Feb 2019 13:05

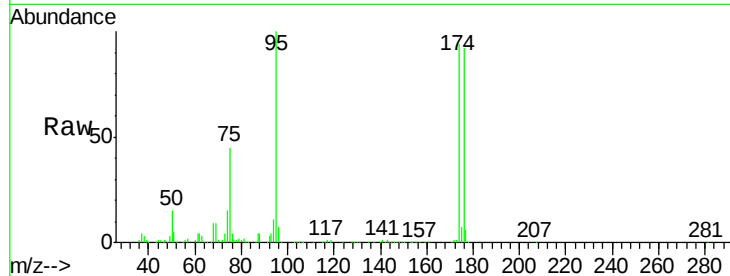
Tot Ion: 95 Resp: 436304

Ion Ratio Lower Upper

95 100

174 95.4 0.0 188.8

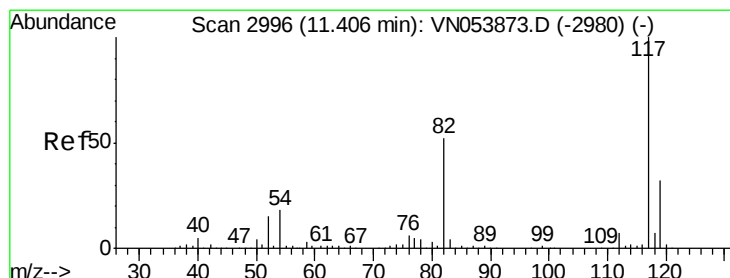
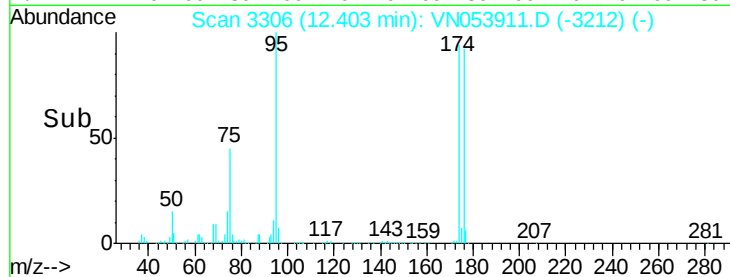
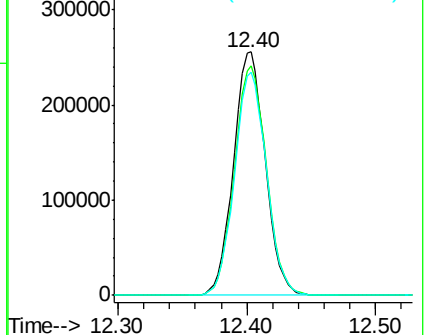
176 92.2 0.0 182.6



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: VN053911.D

Acq: 22 Feb 2019 13:05

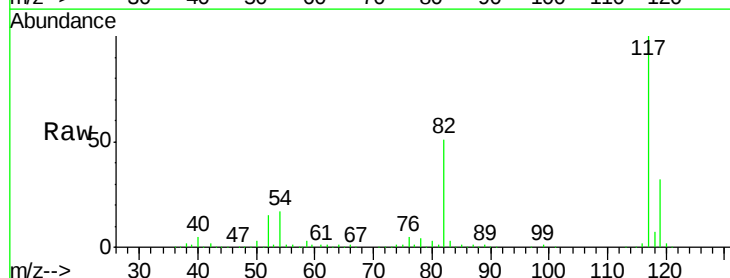
Tgt Ion: 117 Resp: 1071012

Ion Ratio Lower Upper

117 100

82 51.5 41.4 62.2

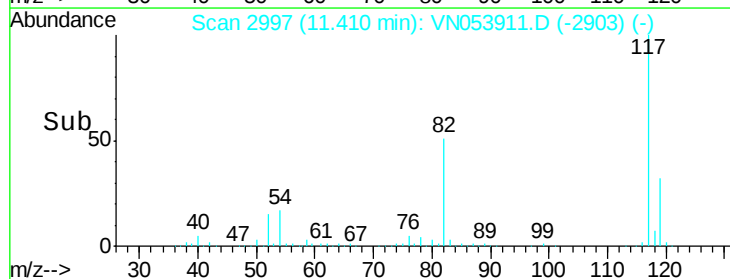
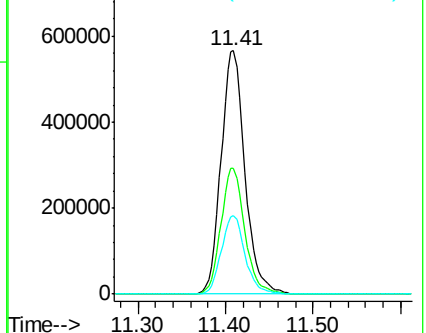
119 32.3 25.3 37.9

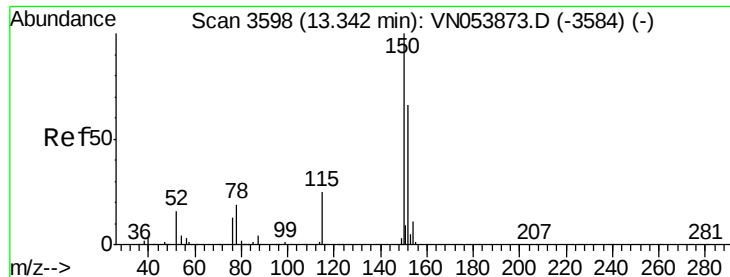


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053911.D

Acq: 22 Feb 2019 13:05

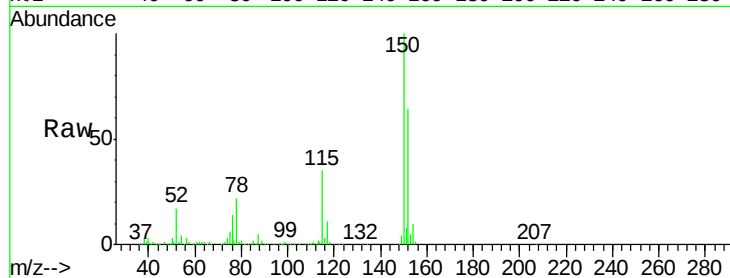
Tot Ion:152 Resp: 398465

Ion Ratio Lower Upper

152 100

115 54.5 27.2 81.6

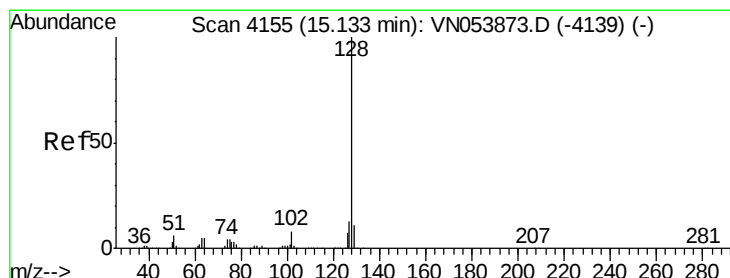
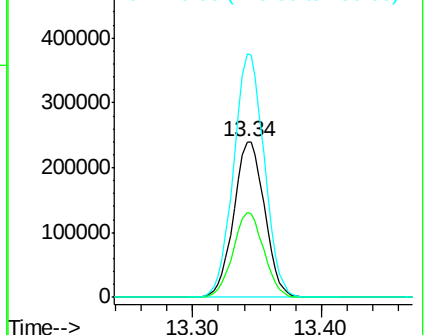
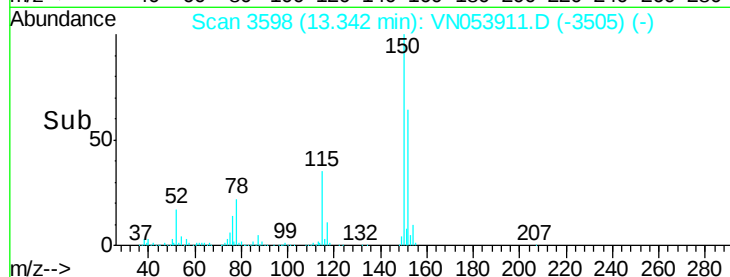
150 155.7 0.0 348.2



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: 4.993 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053911.D

Acq: 22 Feb 2019 13:05

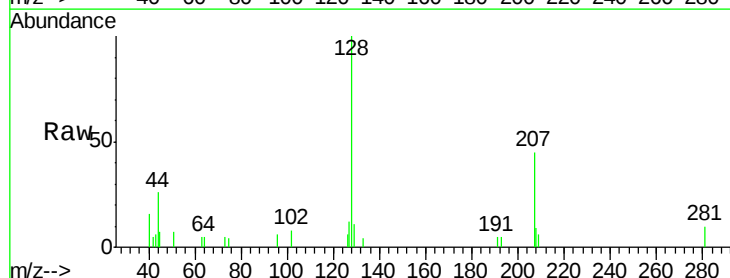
Tgt Ion:128 Resp: 6632

Ion Ratio Lower Upper

128 100

127 11.6 10.2 15.2

129 8.6 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

