

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053659.D
 Acq On : 7 Feb 2019 16:47
 Operator : JC/SP
 Sample : PB116887ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

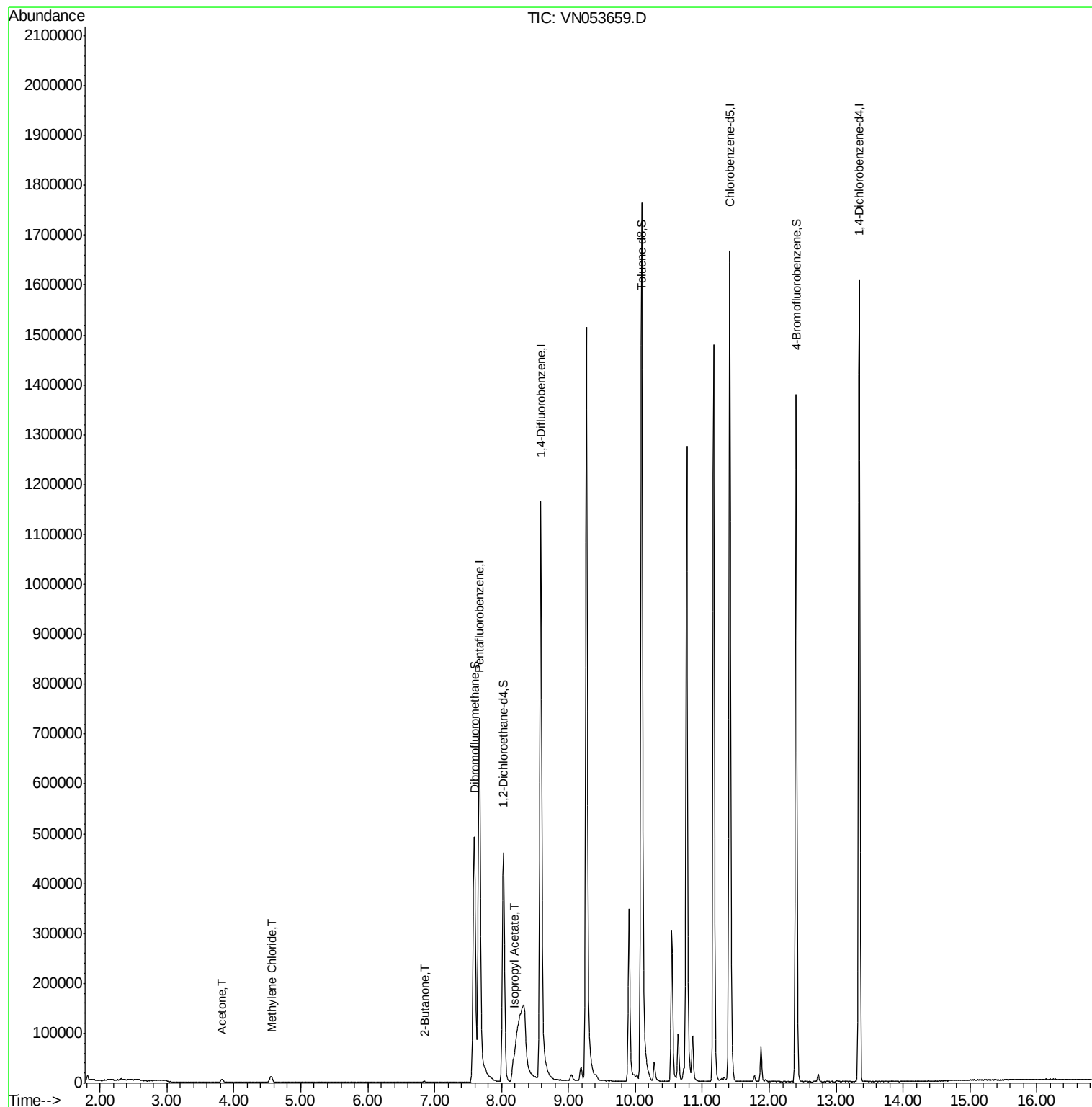
Quant Time: Feb 09 01:03:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

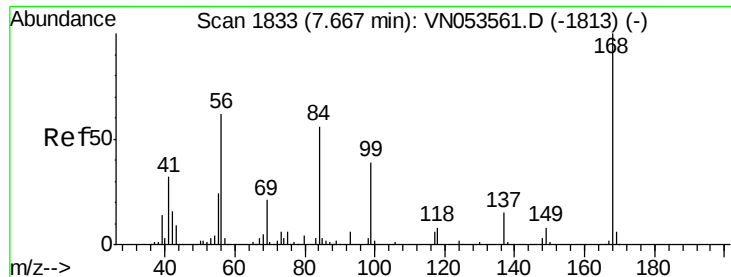
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	753627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1228190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1118165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	459937	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	390969	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
35) Dibromofluoromethane	7.59	113	393275	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
50) Toluene-d8	10.09	98	1465887	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.40	95	484132	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
Target Compounds						
16) Acetone	3.82	43	12688	6.543	ug/l	96
20) Methylene Chloride	4.56	84	9621m	1.183	ug/l	
25) 2-Butanone	6.85	43	4688	1.695	ug/l	99
43) Isopropyl Acetate	8.18	43	37230m	3.118	ug/l	

(#) = 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: VN053659.D

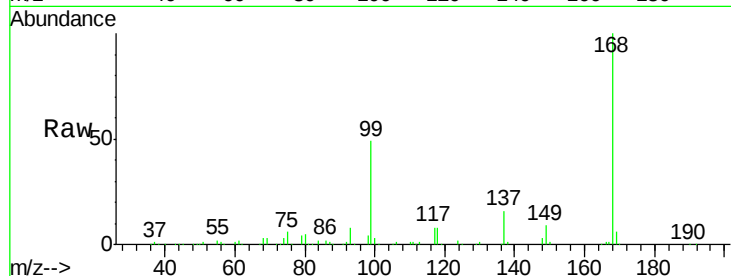
Acq: 7 Feb 2019 16:47

Tot Ion:168 Resp: 753627

Ion Ratio Lower Upper

168 100

99 48.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053659.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053659.D (-1740) (-)

7.67

300000

250000

200000

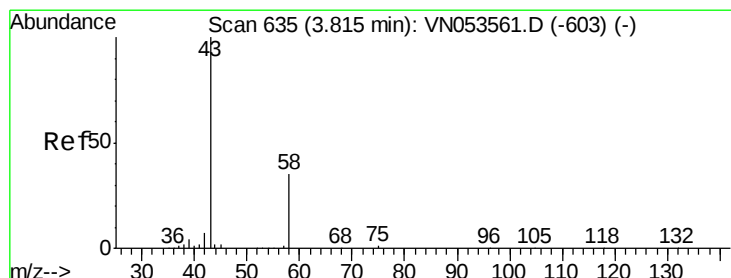
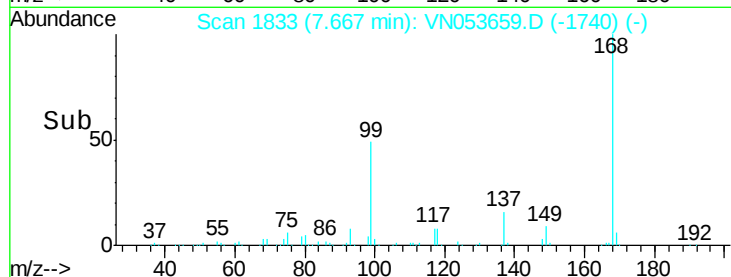
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.543 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053659.D

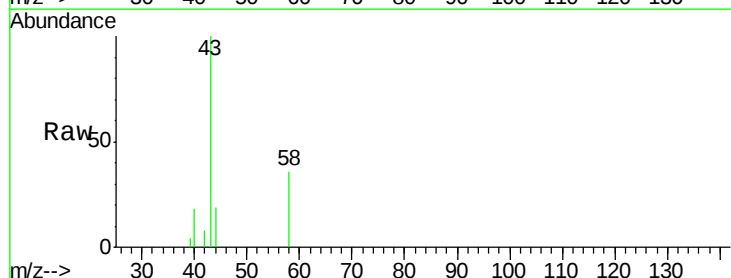
Acq: 7 Feb 2019 16:47

Tgt Ion: 43 Resp: 12688

Ion Ratio Lower Upper

43 100

58 36.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053659.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053659.D (-542) (-)

3.82

5000

4000

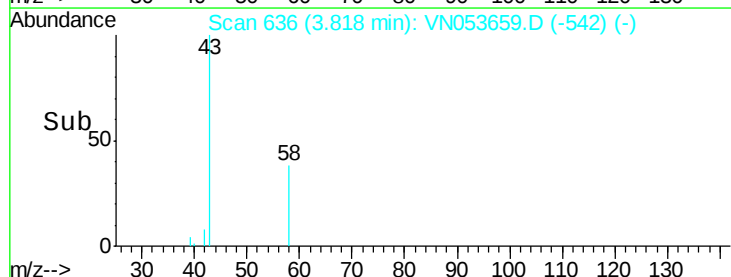
3000

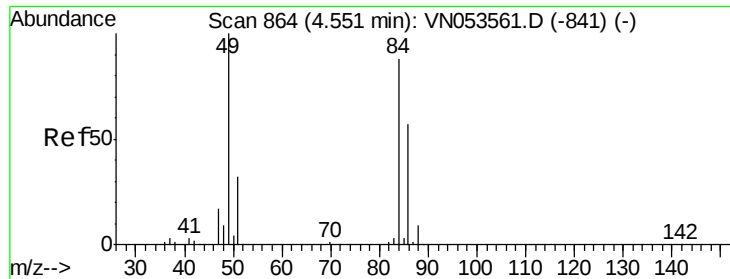
2000

1000

0

Time-->

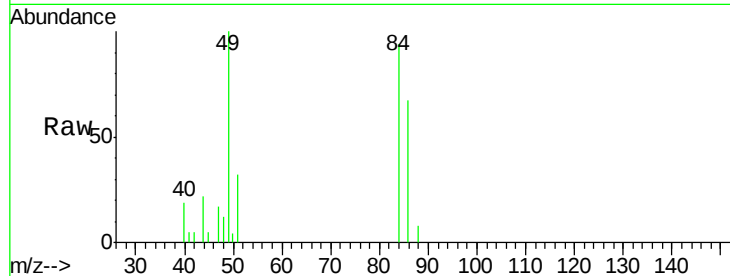




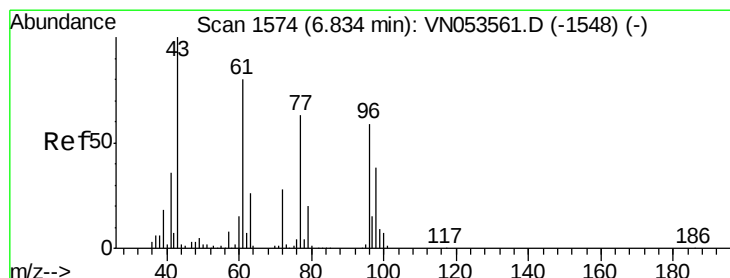
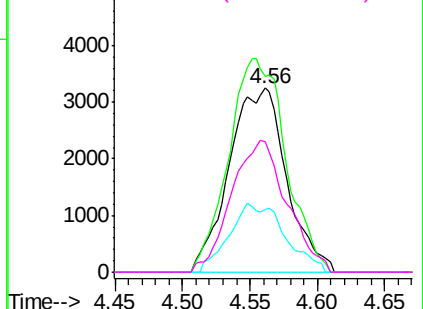
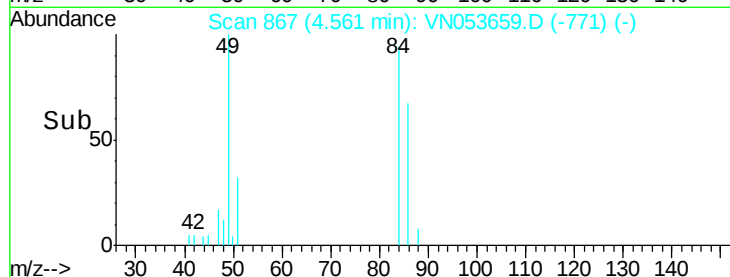
#20
Methvlene Chloride
Concen: 1.183 ug/l m
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN053659.D
Acq: 7 Feb 2019 16:47

Tot Ion: 84 Resp: 9621

Ion	Ratio	Lower	Upper
84	100		
49	106.3	94.3	141.5
51	33.8	29.4	44.2
86	71.2	51.4	77.0



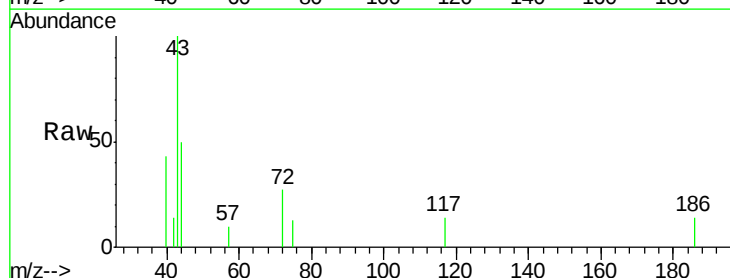
Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0



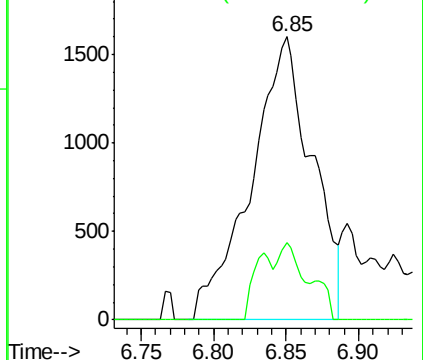
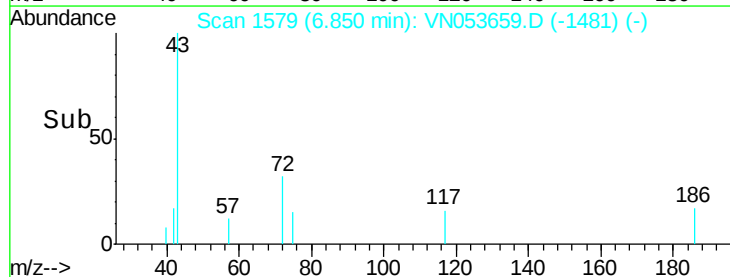
#25
2-Butanone
Concen: 1.695 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN053659.D
Acq: 7 Feb 2019 16:47

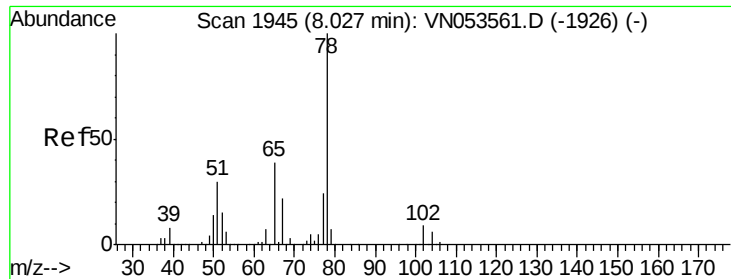
Tgt Ion: 43 Resp: 4688

Ion	Ratio	Lower	Upper
43	100		
72	27.1	22.0	33.0



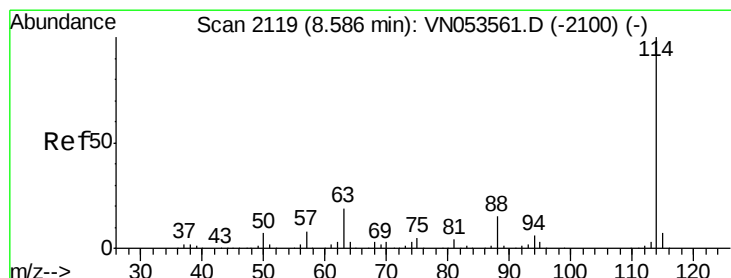
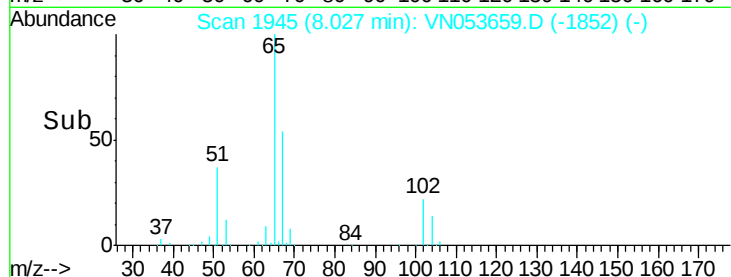
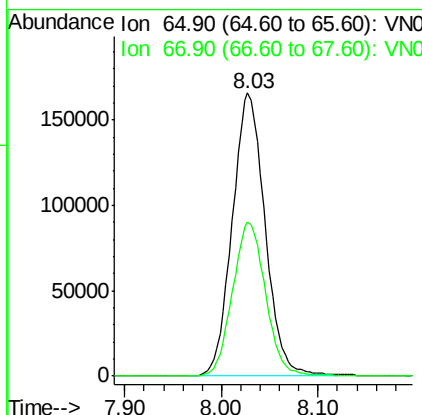
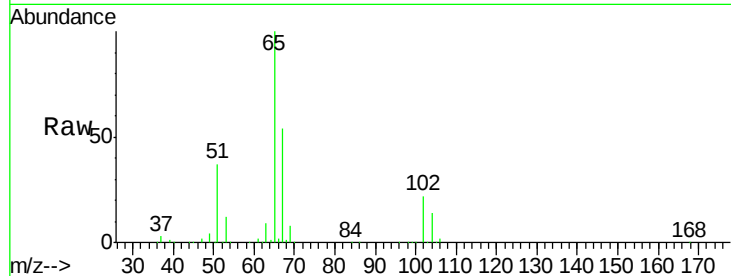
Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





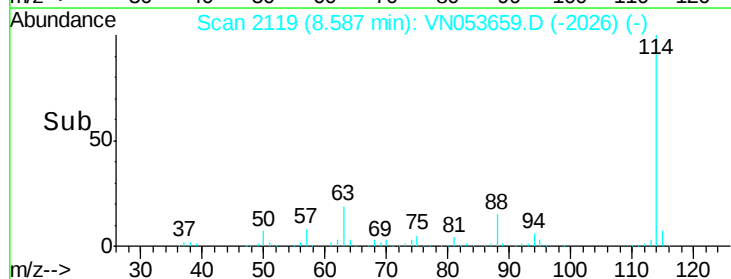
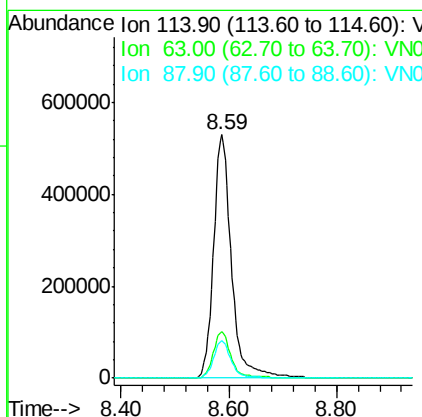
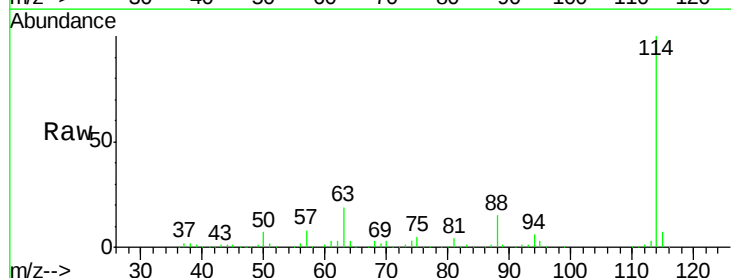
#33
 1,2-Dichloroethane-d4
 Concen: 51.713 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053659.D
 Acq: 7 Feb 2019 16:47

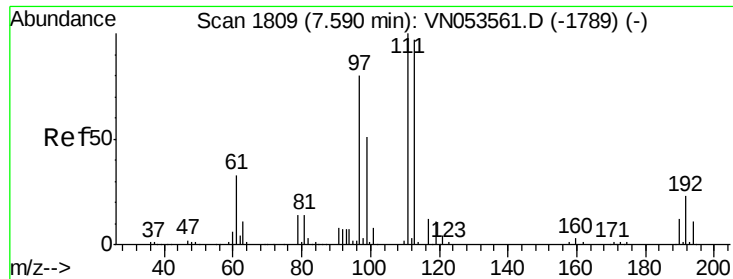
Tot Ion: 65 Resp: 390969
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053659.D
 Acq: 7 Feb 2019 16:47

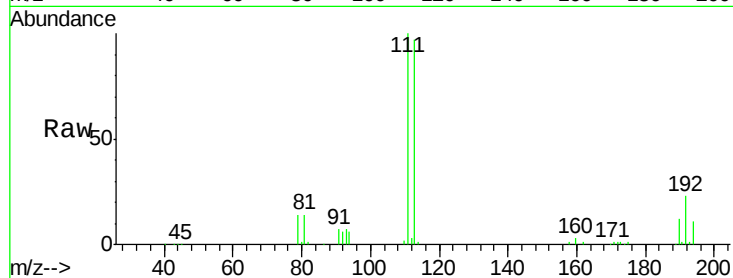
Tgt Ion: 114 Resp: 1228190
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.2 0.0 30.4



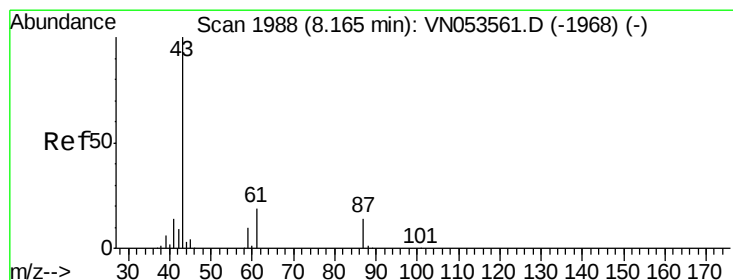
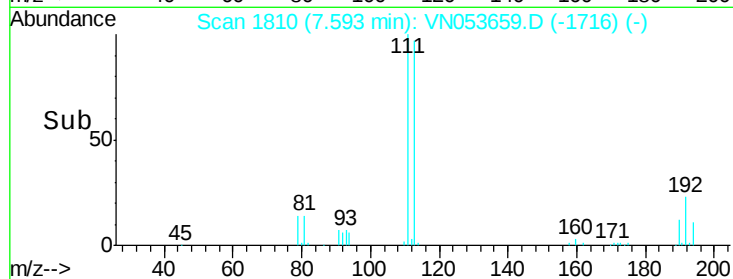
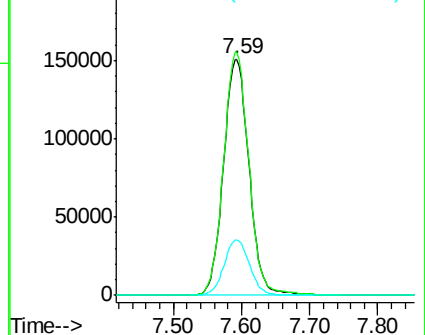


#35
 Dibromofluoromethane
 Concen: 50.676 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053659.D
 Acq: 7 Feb 2019 16:47

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.1	121.7
192	23.4	18.2	27.2

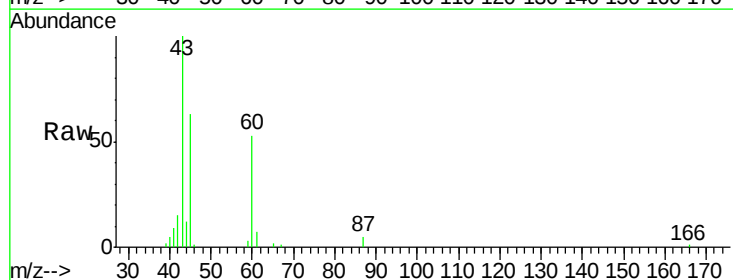


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

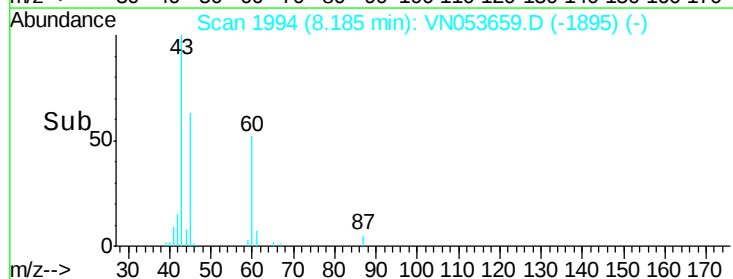
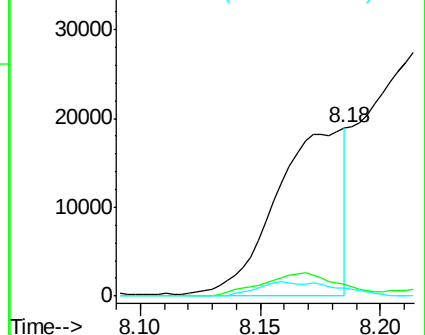


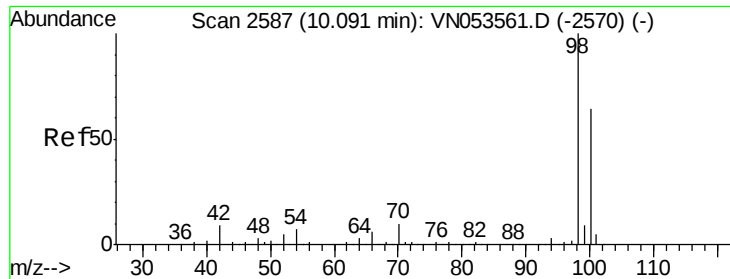
#43
 Isopropyl Acetate
 Concen: 3.118 ug/l m
 RT: 8.18 min Scan# 1994
 Delta R.T. 0.02 min
 Lab File: VN053659.D
 Acq: 7 Feb 2019 16:47

Tgt Ion	Ratio	Lower	Upper
43	100		
61	1.6	23.9	35.9#
87	0.0	11.0	16.6#



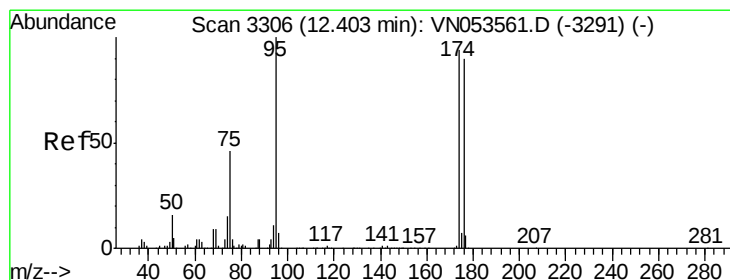
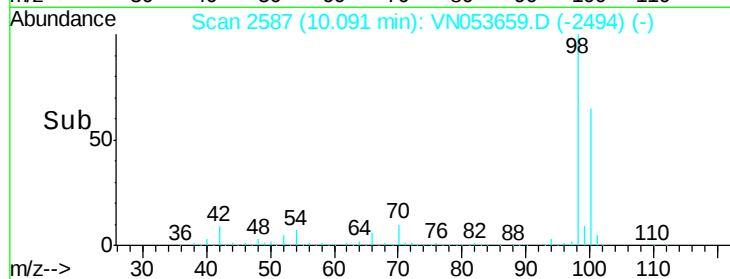
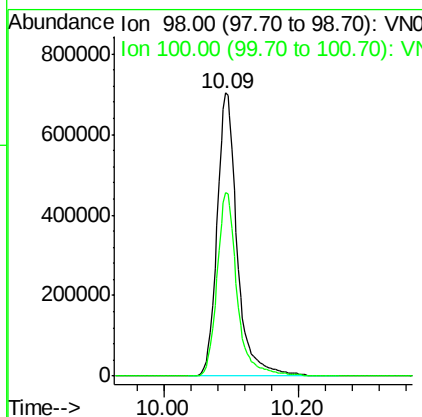
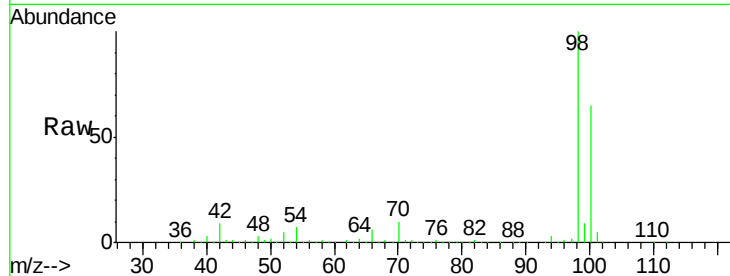
Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





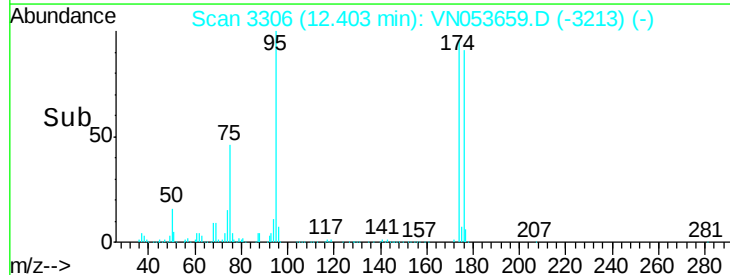
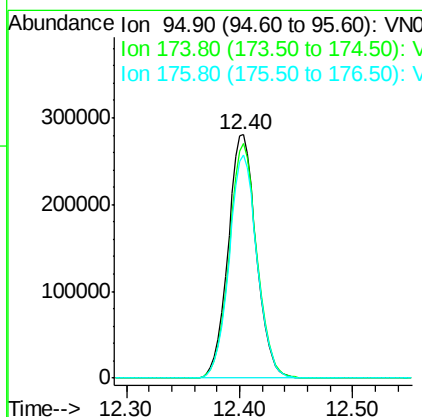
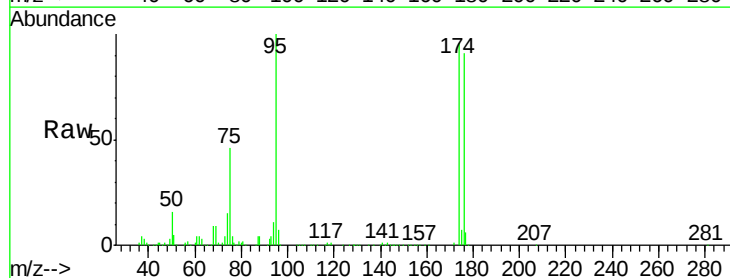
#50
Toluene-d8
Concen: 50.306 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053659.D
Acq: 7 Feb 2019 16:47

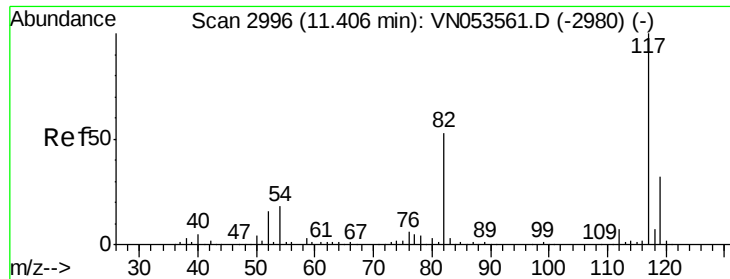
Tot Ion: 98 Resp: 1465887
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 49.816 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053659.D
Acq: 7 Feb 2019 16:47

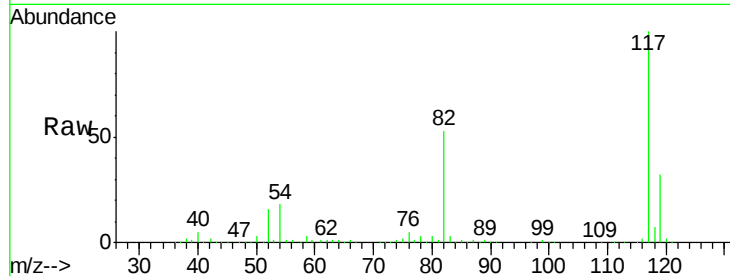
Tgt Ion: 95 Resp: 484132
Ion Ratio Lower Upper
95 100
174 94.8 0.0 183.2
176 90.9 0.0 177.4



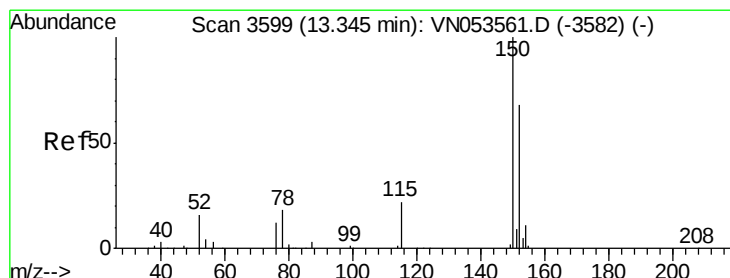
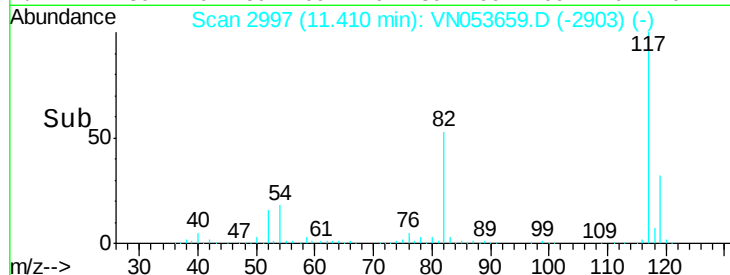
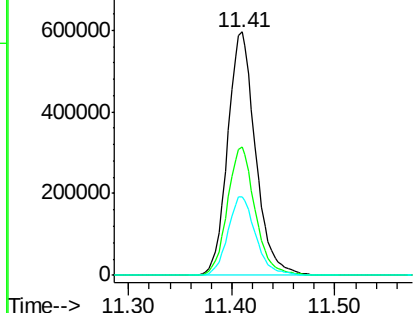


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053659.D
Acq: 7 Feb 2019 16:47

Tot Ion:117 Resp: 1118165
Ion Ratio Lower Upper
117 100
82 52.8 42.9 64.3
119 32.5 26.0 39.0

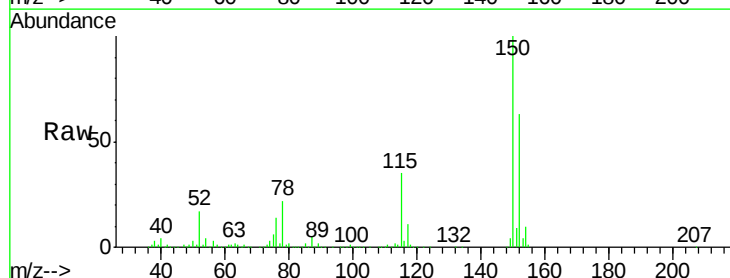


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053659.D
Acq: 7 Feb 2019 16:47

Tgt Ion:152 Resp: 459937
Ion Ratio Lower Upper
152 100
115 54.7 27.8 83.4
150 157.8 0.0 349.0



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

