

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053668.D
 Acq On : 7 Feb 2019 20:47
 Operator : JC/SP
 Sample : K1389-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

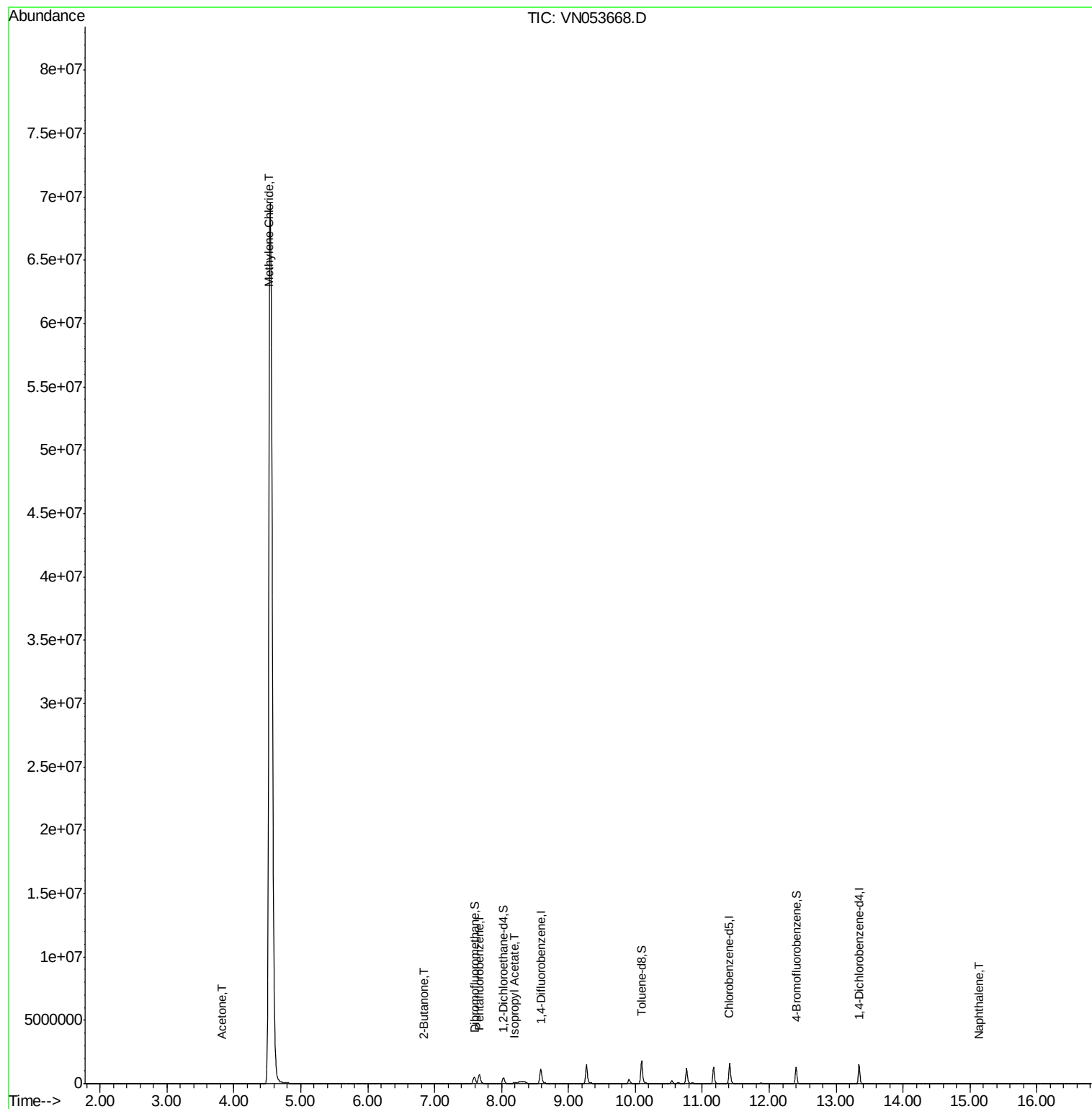
Quant Time: Feb 09 01:49:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

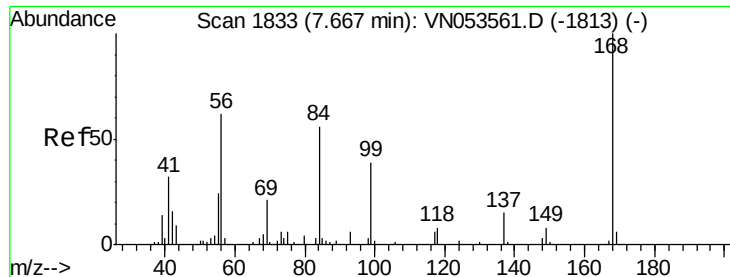
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	753651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1227680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1105500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	443236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	396982	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
35) Dibromofluoromethane	7.59	113	388989	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	10.09	98	1466233	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.40	95	480982	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
Target Compounds						
16) Acetone	3.82	43	14318	7.383	ug/l	96
20) Methylene Chloride	4.52	84	42937811m	5277.394	ug/l	
25) 2-Butanone	6.85	43	5712	2.065	ug/l #	87
43) Isopropyl Acetate	8.18	43	35663	2.988	ug/l #	80
95) Naphthalene	15.13	128	6505	2.059	ug/l	98

(#) = 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# 1834

Delta R.T. 0.00 min

Lab File: VN053668.D

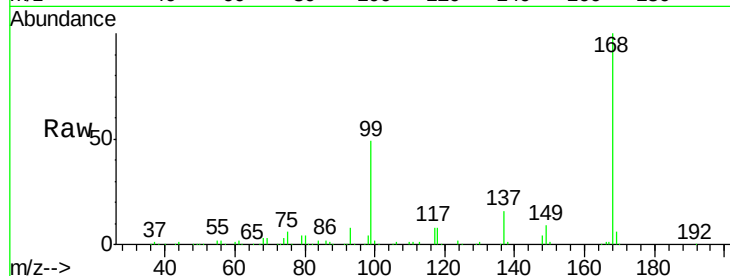
Acq: 7 Feb 2019 20:47

Tot Ion:168 Resp: 753651

Ion Ratio Lower Upper

168 100

99 48.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053561.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053561.D (-1813) (-)

7.67

300000

250000

200000

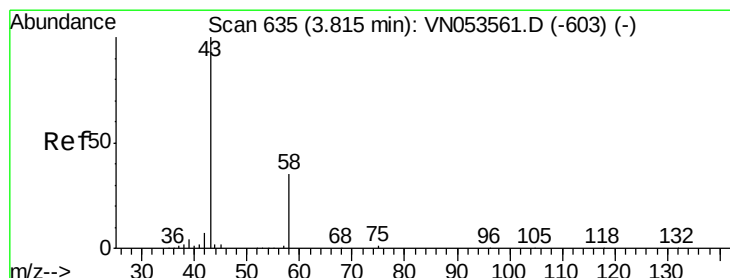
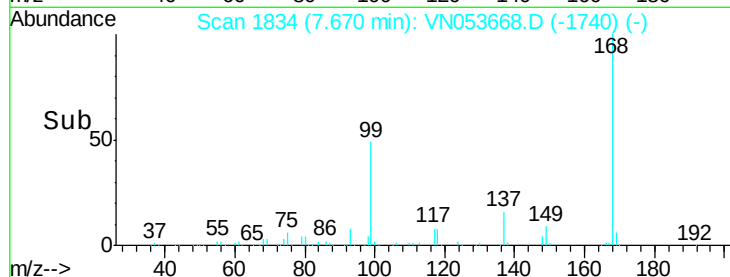
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.383 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053668.D

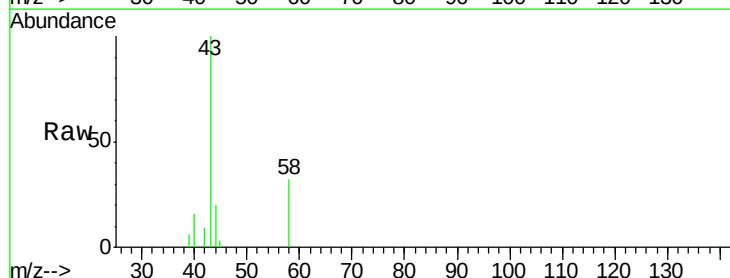
Acq: 7 Feb 2019 20:47

Tgt Ion: 43 Resp: 14318

Ion Ratio Lower Upper

43 100

58 31.9 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN053561.D (-603) (-)

3.82

6000

5000

4000

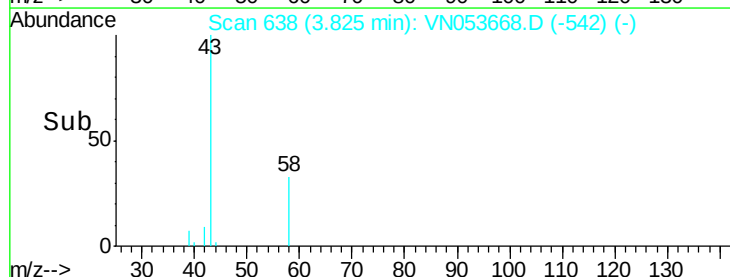
3000

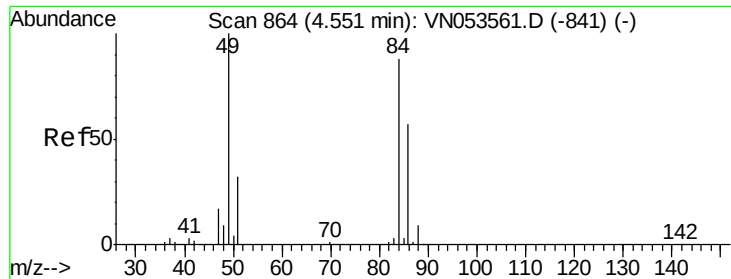
2000

1000

0

Time-->

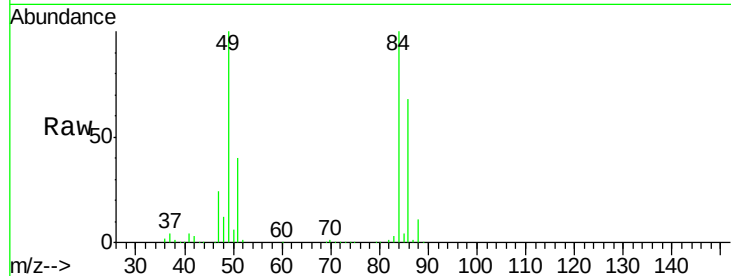




#20
Methvlene Chloride
Concen: 5277.394 ug/l m
RT: 4.52 min Scan# 854
Delta R.T. -0.03 min
Lab File: VN053668.D
Acq: 7 Feb 2019 20:47

Tot Ion: 84 Resp: 42937811

Ion	Ratio	Lower	Upper
84	100		
49	100.0	94.3	141.5
51	39.6	29.4	44.2
86	67.5	51.4	77.0



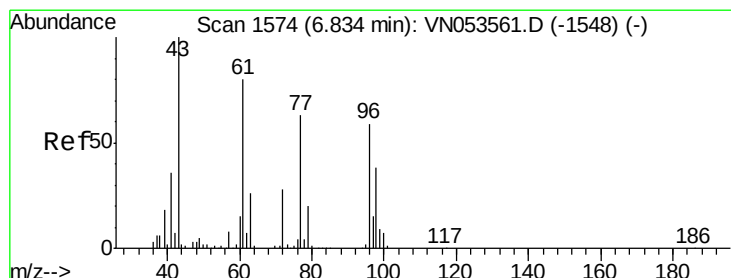
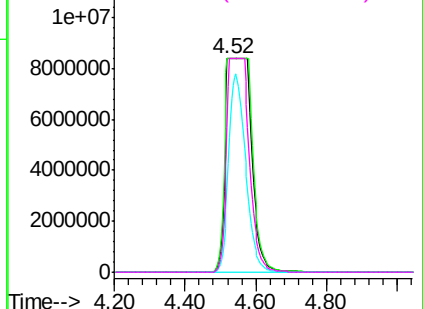
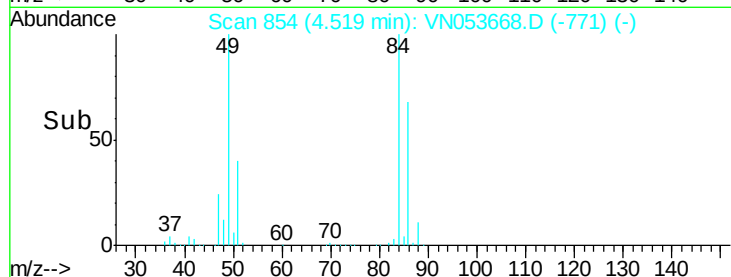
Abundance

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

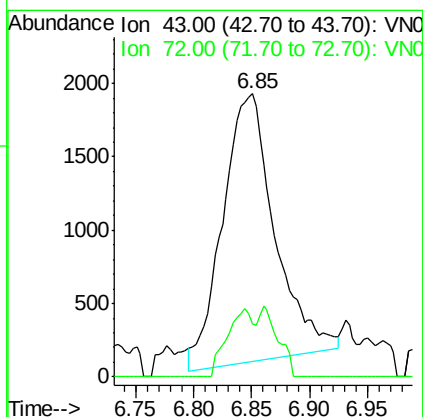
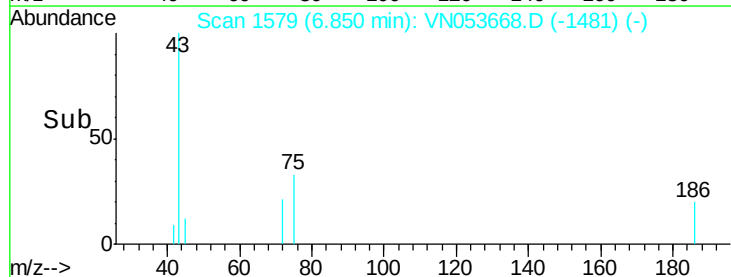
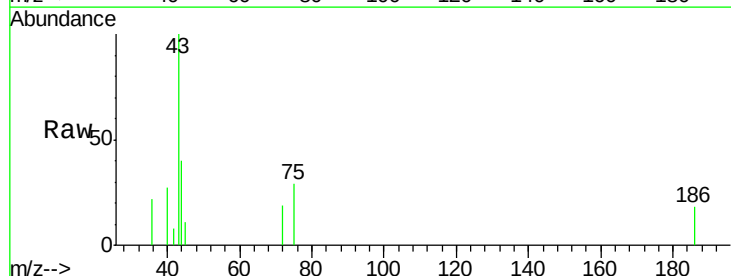
Ion 85.90 (85.60 to 86.60): VN0

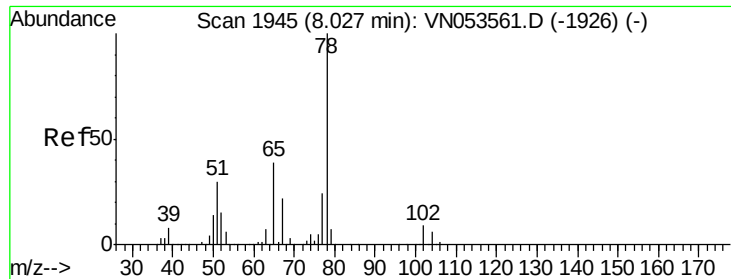


#25
2-Butanone
Concen: 2.065 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN053668.D
Acq: 7 Feb 2019 20:47

Tgt Ion: 43 Resp: 5712

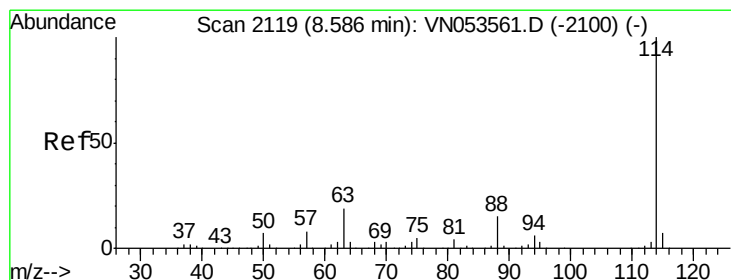
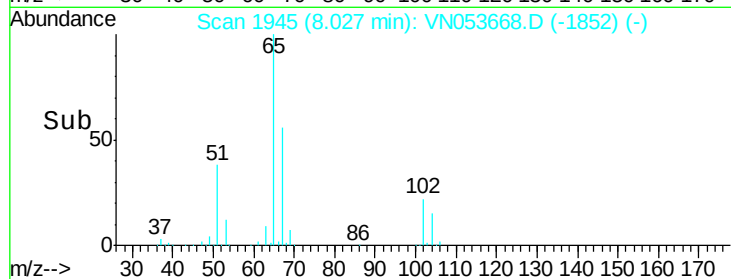
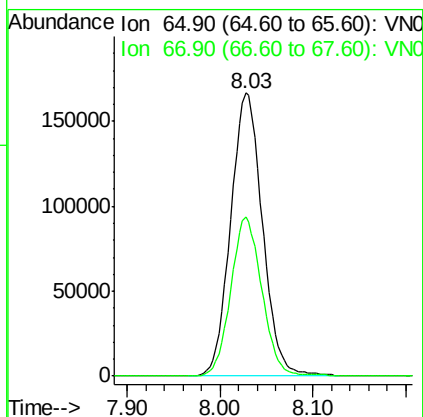
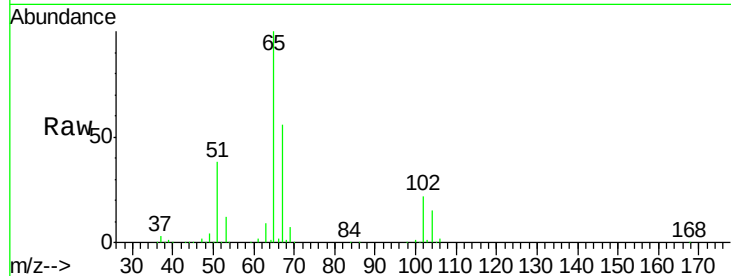
Ion	Ratio	Lower	Upper
43	100		
72	20.8	22.0	33.0#





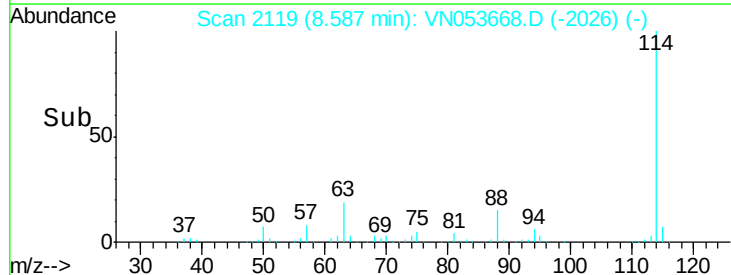
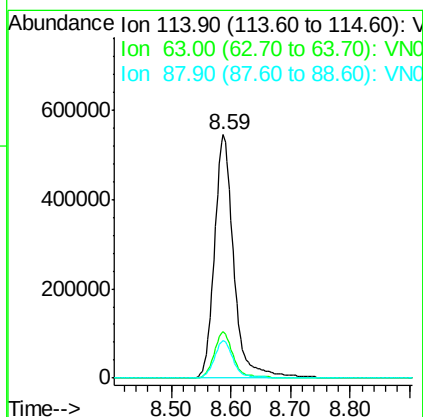
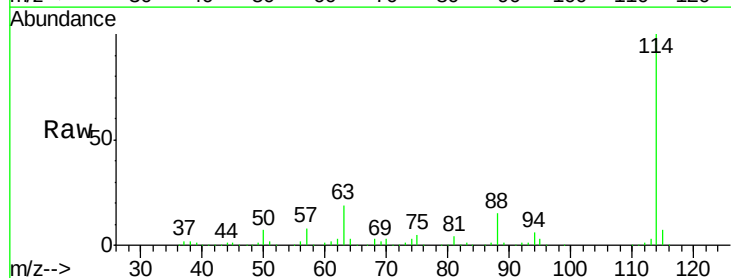
#33
 1,2-Dichloroethane-d4
 Concen: 52.507 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053668.D
 Acq: 7 Feb 2019 20:47

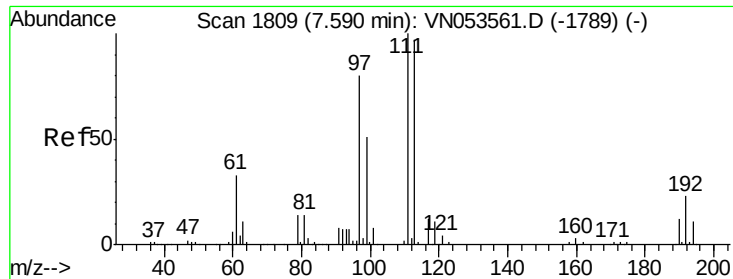
Tot Ion: 65 Resp: 396982
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053668.D
 Acq: 7 Feb 2019 20:47

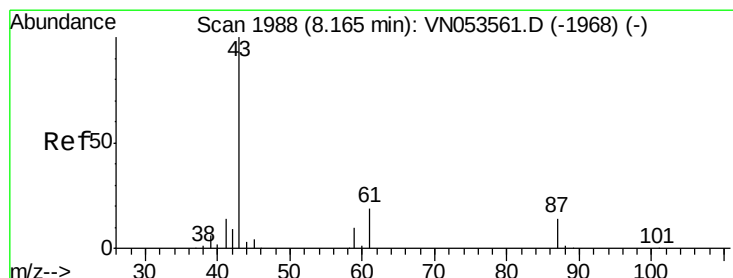
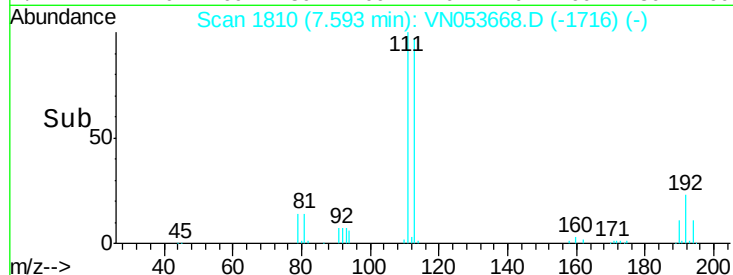
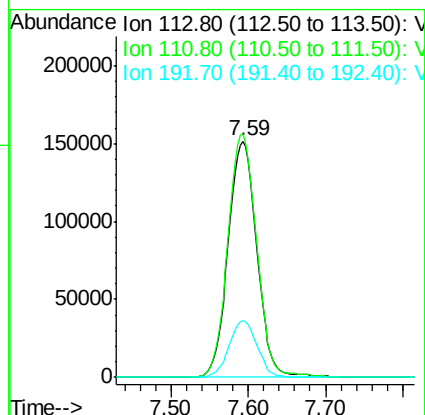
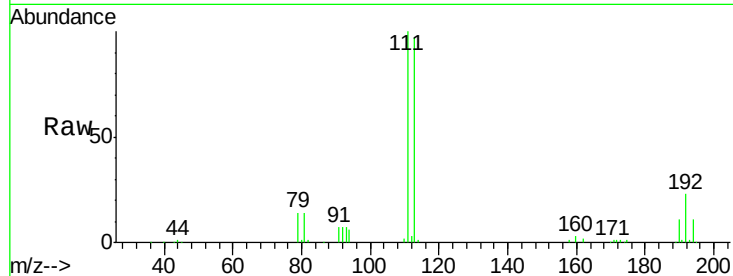
Tgt Ion: 114 Resp: 1227680
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.6
 88 15.3 0.0 30.4





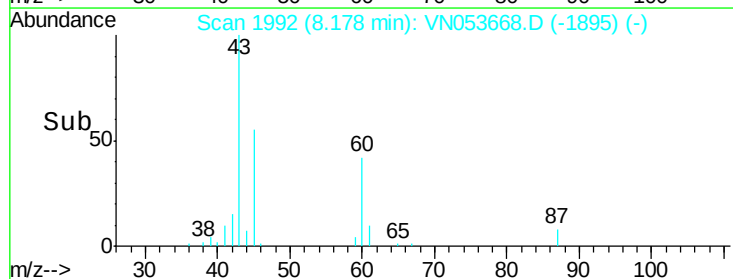
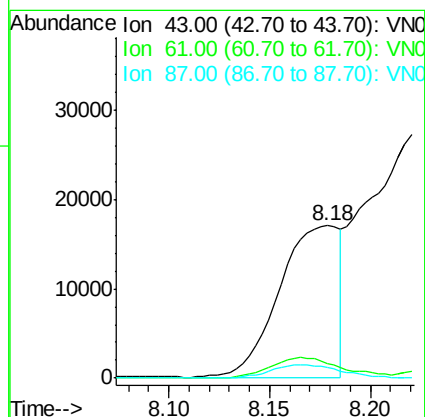
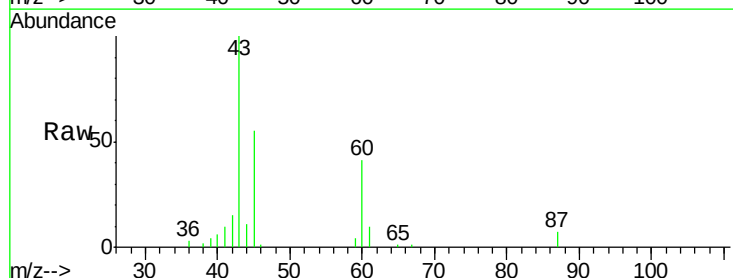
#35
 Dibromofluoromethane
 Concen: 50.145 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053668.D
 Acq: 7 Feb 2019 20:47

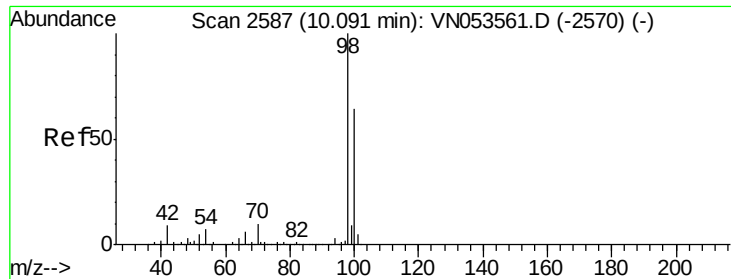
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.1	121.7
192	23.5	18.2	27.2



#43
 Isopropyl Acetate
 Concen: 2.988 ug/l
 RT: 8.18 min Scan# 1992
 Delta R.T. 0.01 min
 Lab File: VN053668.D
 Acq: 7 Feb 2019 20:47

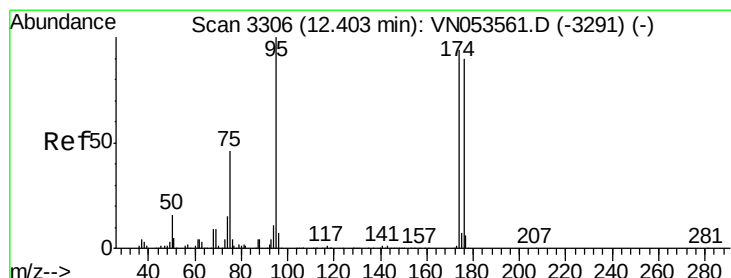
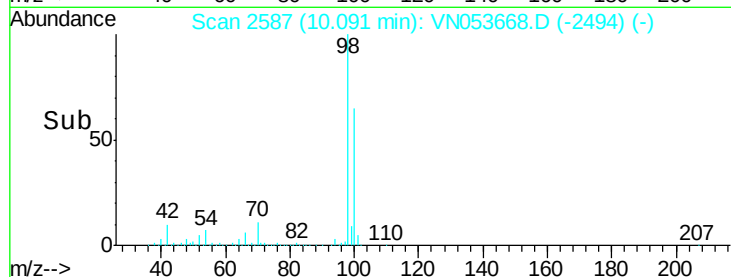
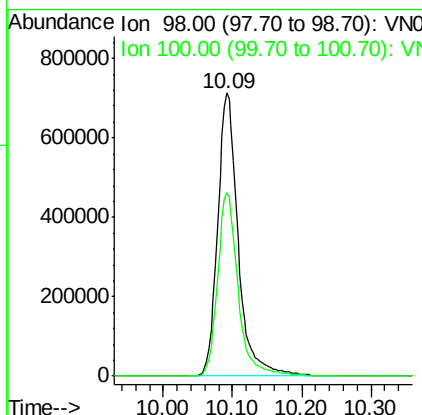
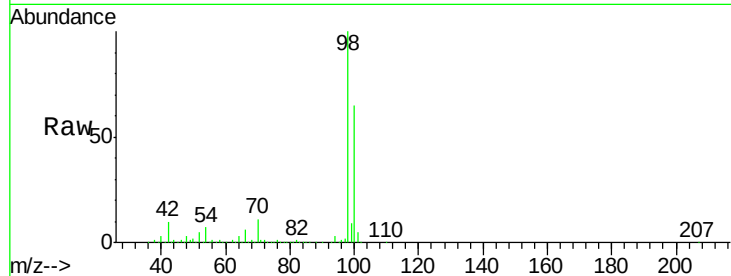
Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.0	23.9	35.9#
87	10.1	11.0	16.6#





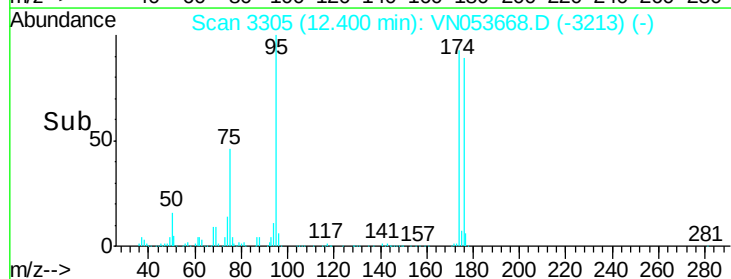
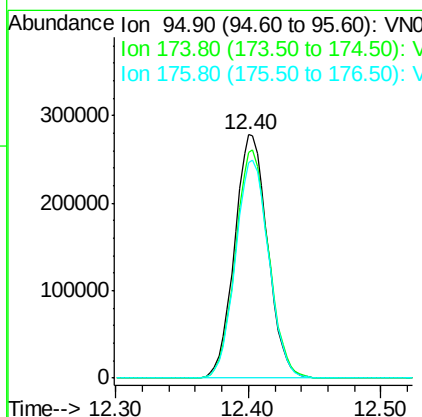
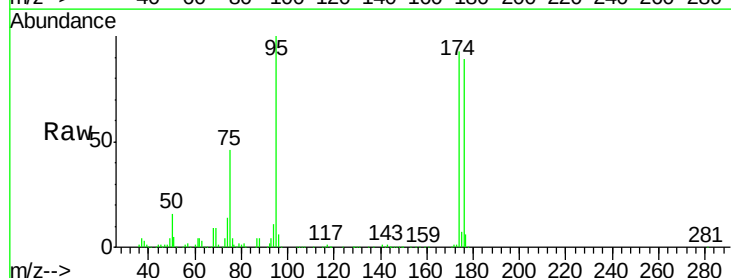
#50
Toluene-d8
Concen: 50.339 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053668.D
Acq: 7 Feb 2019 20:47

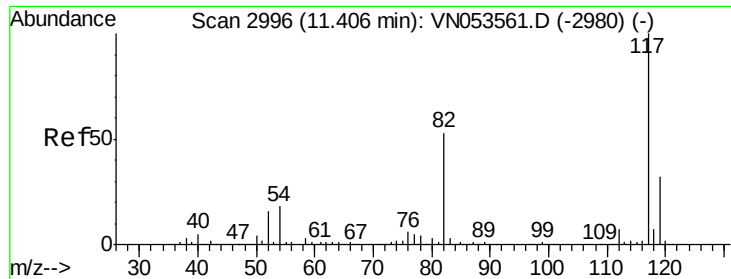
Tot Ion: 98 Resp: 1466233
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 49.512 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053668.D
Acq: 7 Feb 2019 20:47

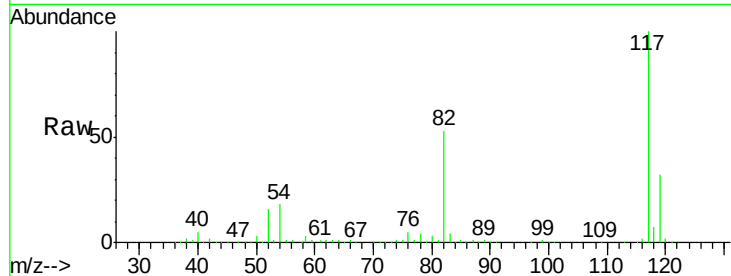
Tgt Ion: 95 Resp: 480982
Ion Ratio Lower Upper
95 100
174 93.9 0.0 183.2
176 90.4 0.0 177.4



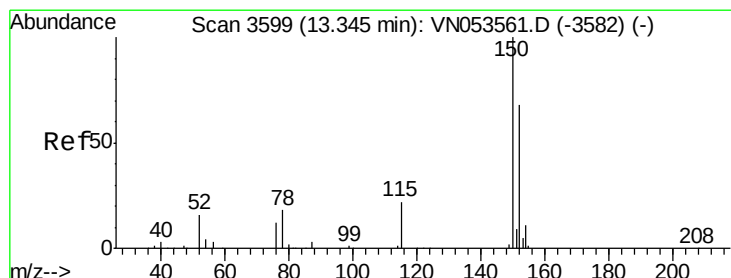
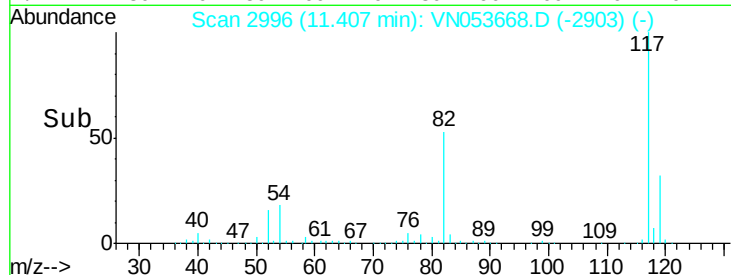
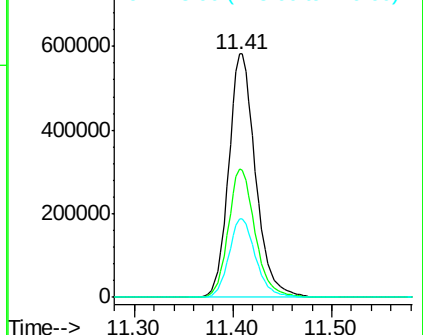


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053668.D
Acq: 7 Feb 2019 20:47

Tot Ion:117 Resp: 1105500
Ion Ratio Lower Upper
117 100
82 52.7 42.9 64.3
119 32.2 26.0 39.0

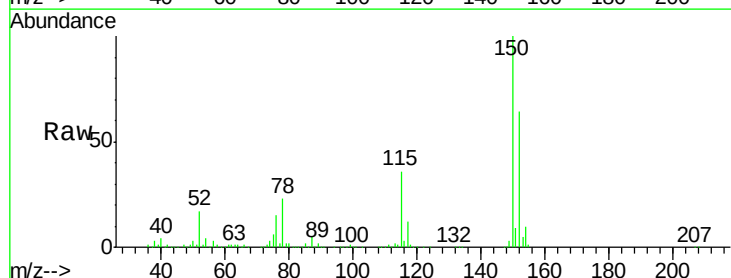


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

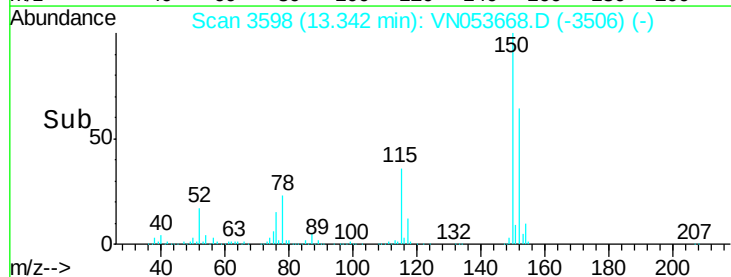
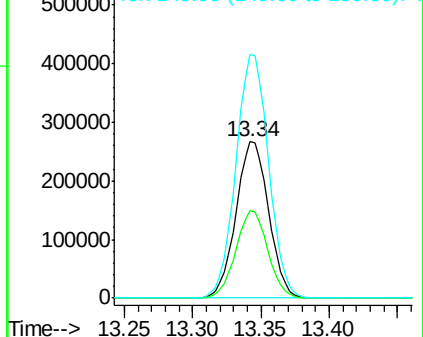


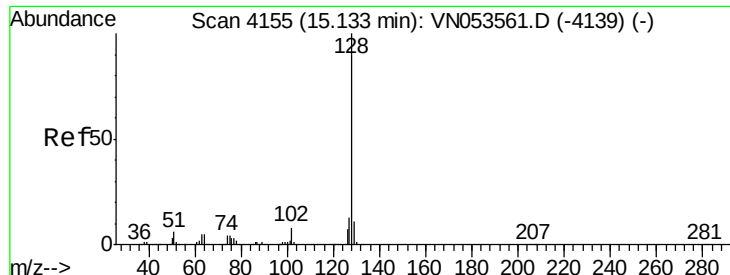
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053668.D
Acq: 7 Feb 2019 20:47

Tgt Ion:152 Resp: 443236
Ion Ratio Lower Upper
152 100
115 54.6 27.8 83.4
150 156.4 0.0 349.0



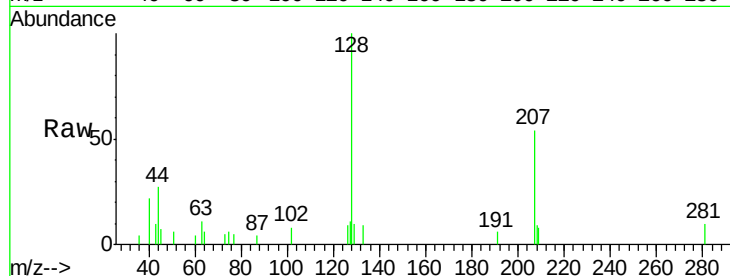
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#95
 Naphthalene
 Concen: 2.059 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053668.D
 Acq: 7 Feb 2019 20:47

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.3	15.5
129	10.1	8.6	13.0



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

