

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053657.D
 Acq On : 7 Feb 2019 15:53
 Operator : JC/SP
 Sample : PB116887ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

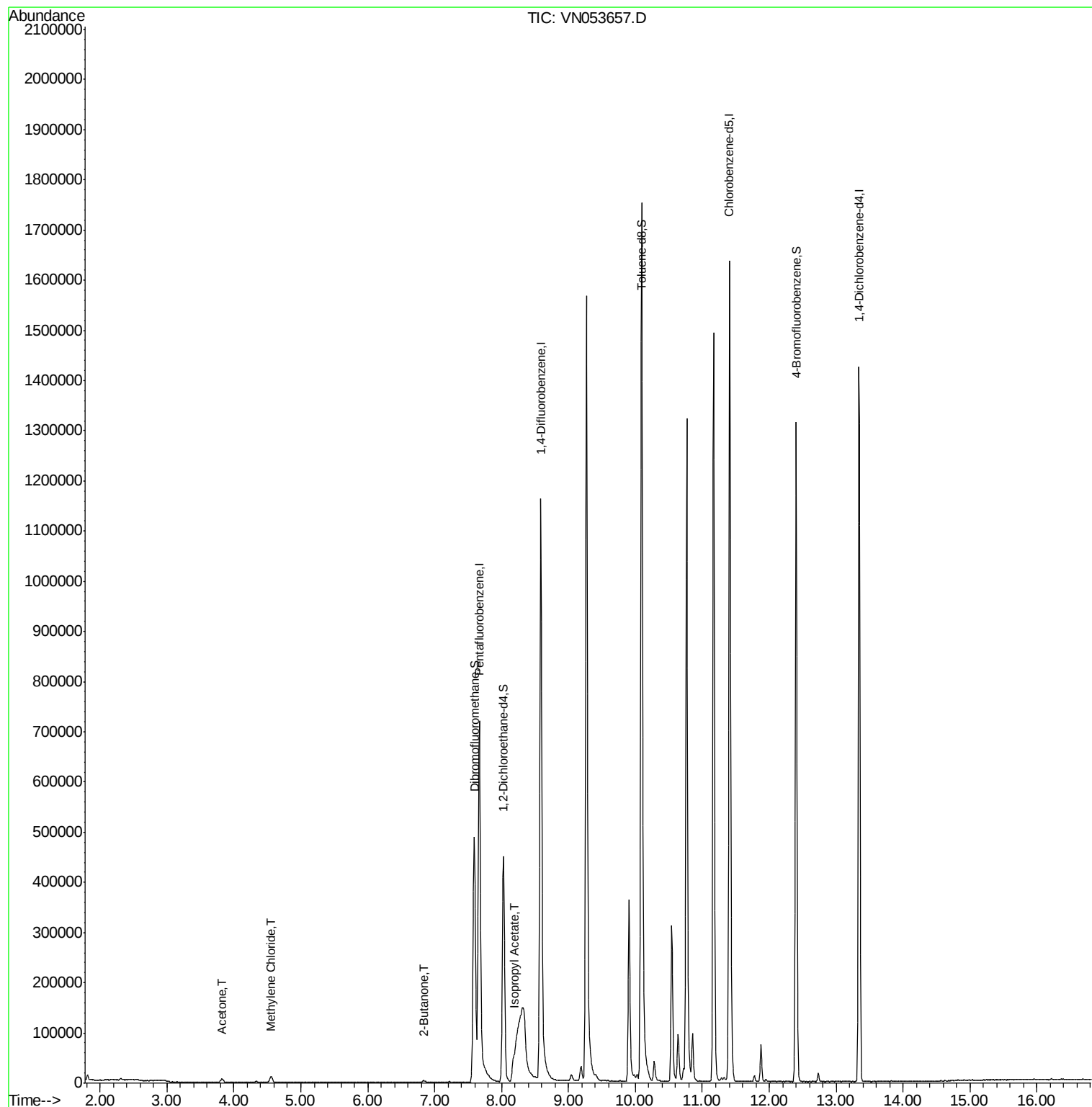
Quant Time: Feb 09 01:00:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

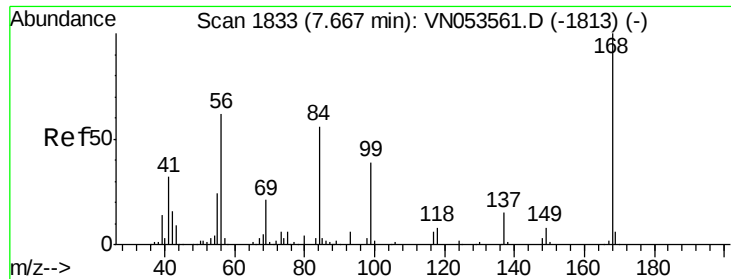
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	737826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1211527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1091719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	424148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	385733	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
35) Dibromofluoromethane	7.59	113	385413	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
50) Toluene-d8	10.09	98	1457236	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.40	95	459783	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
Target Compounds						
16) Acetone	3.82	43	13238	6.973	ug/l	95
20) Methylene Chloride	4.55	84	8953	1.124	ug/l	95
25) 2-Butanone	6.84	43	4350	1.606	ug/l #	85
43) Isopropyl Acetate	8.18	43	48433	4.112	ug/l #	76

(#) = 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: VN053657.D

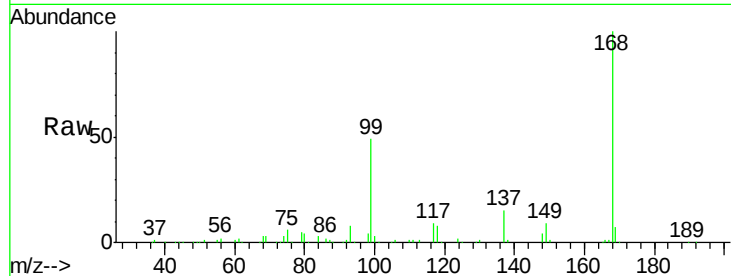
Acq: 7 Feb 2019 15:53

Tot Ion:168 Resp: 737826

Ion Ratio Lower Upper

168 100

99 48.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053657.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053657.D (-1740) (-)

7.67

300000

250000

200000

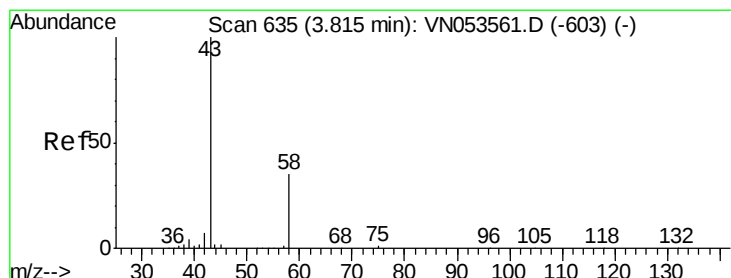
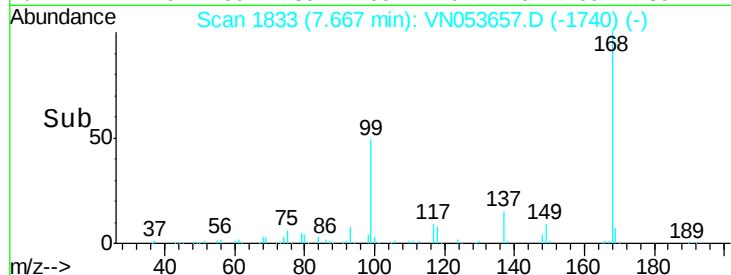
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 6.973 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053657.D

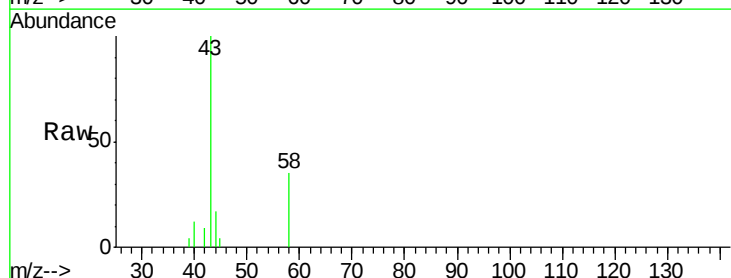
Acq: 7 Feb 2019 15:53

Tgt Ion: 43 Resp: 13238

Ion Ratio Lower Upper

43 100

58 36.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053657.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053657.D (-542) (-)

3.82

5000

4000

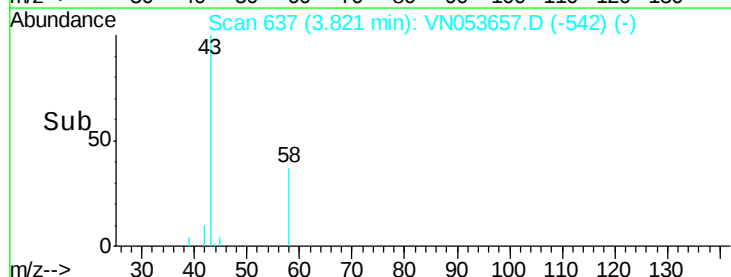
3000

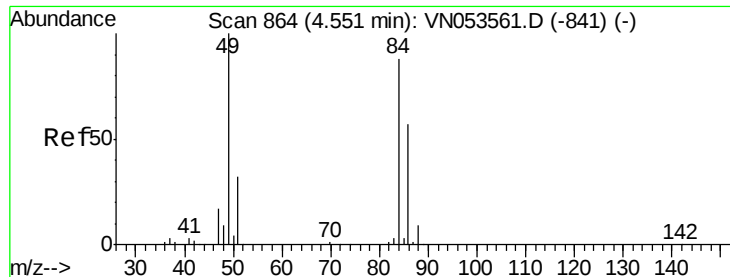
2000

1000

0

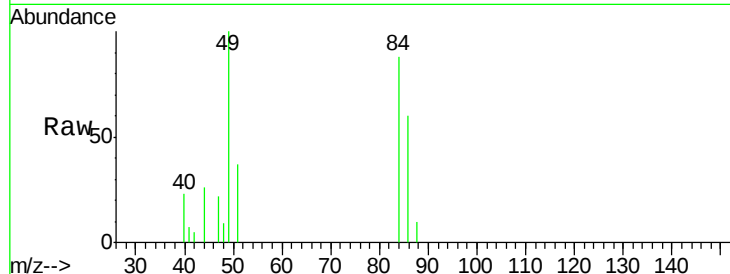
Time--> 3.75 3.80 3.85 3.90



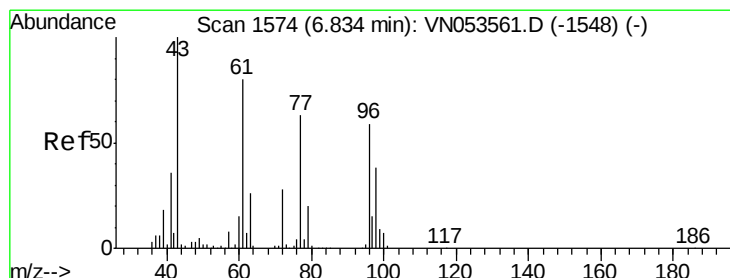
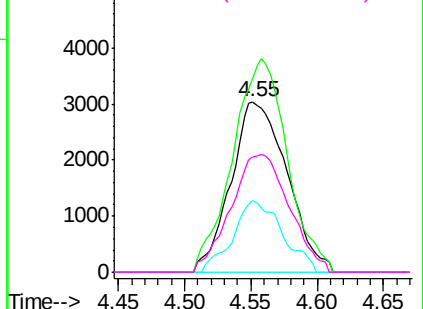
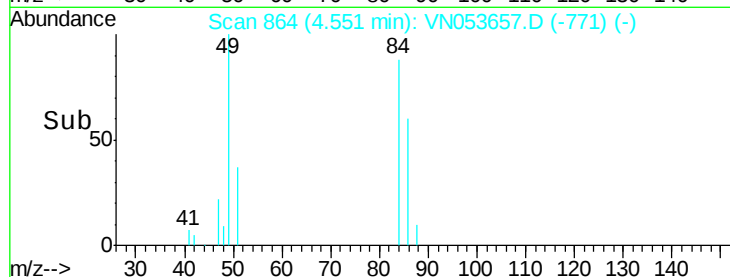


#20
Methvlene Chloride
Concen: 1.124 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053657.D
Acq: 7 Feb 2019 15:53

Tot Ion: 84 Resp: 8953
Ion Ratio Lower Upper
84 100
49 113.4 94.3 141.5
51 41.8 29.4 44.2
86 68.0 51.4 77.0

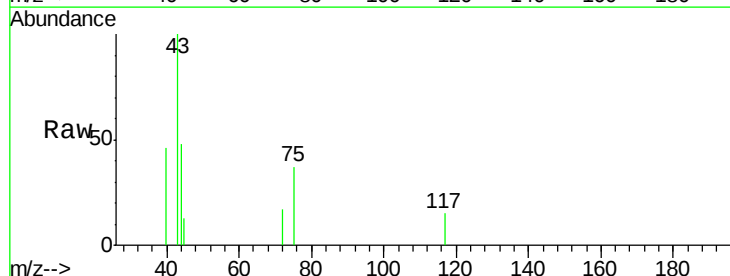


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

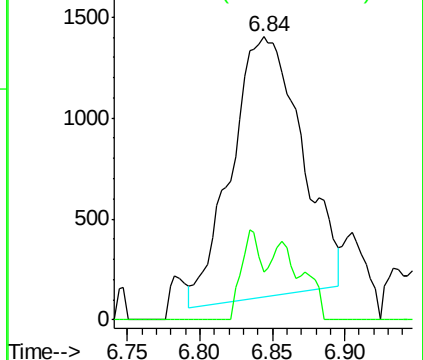
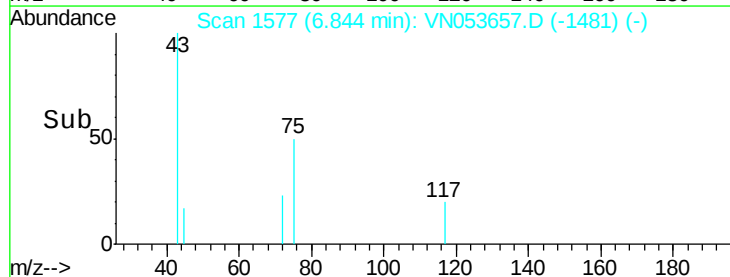


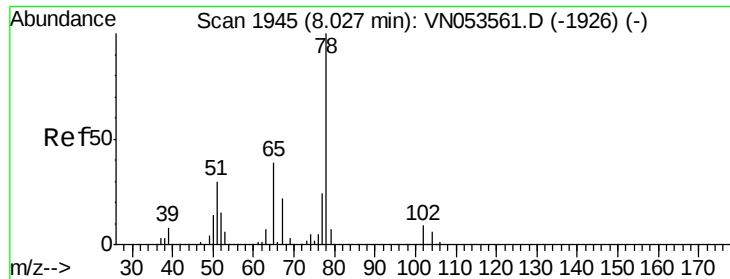
#25
2-Butanone
Concen: 1.606 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053657.D
Acq: 7 Feb 2019 15:53

Tgt Ion: 43 Resp: 4350
Ion Ratio Lower Upper
43 100
72 19.4 22.0 33.0#



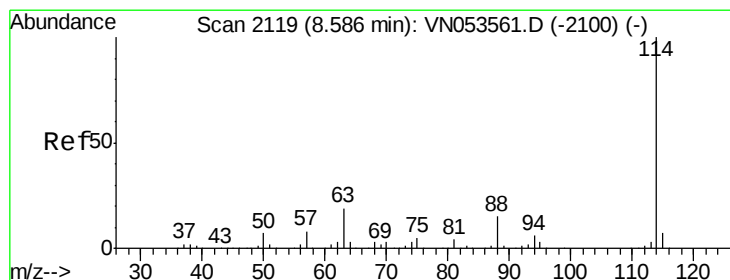
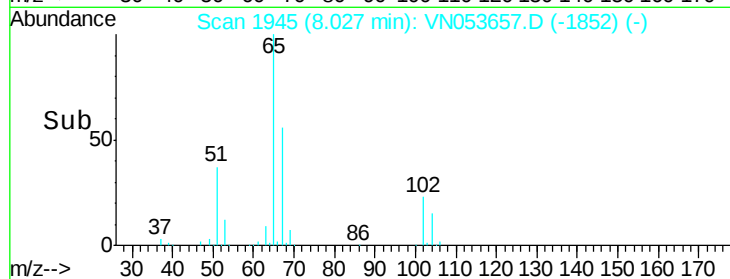
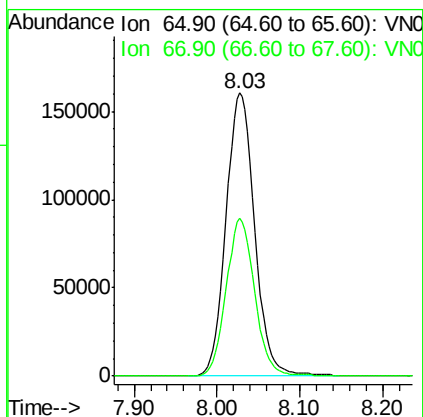
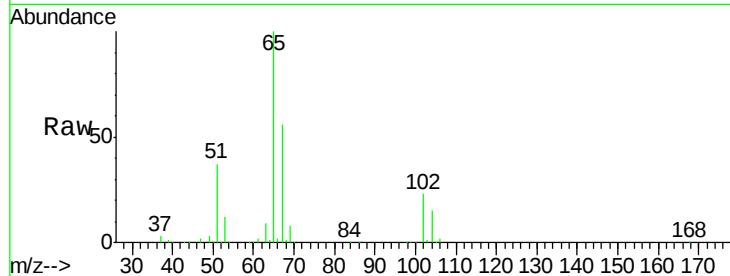
Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





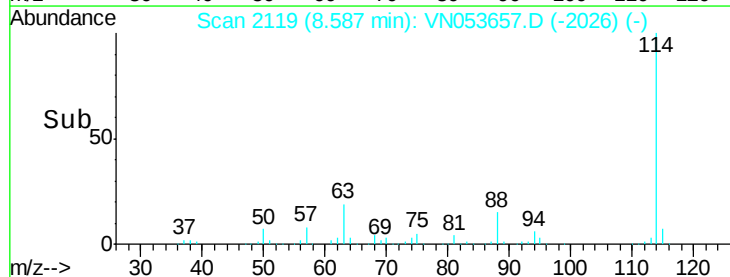
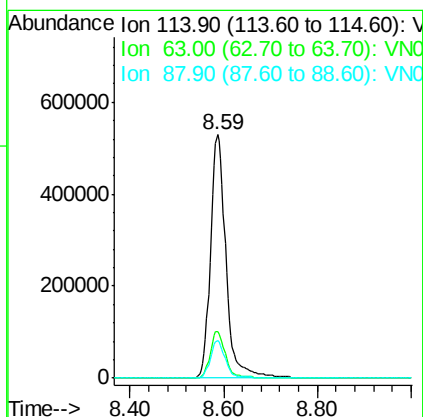
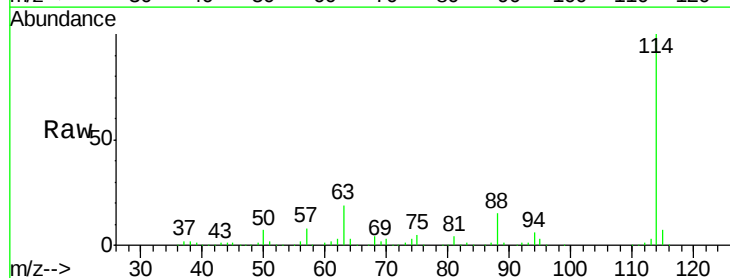
#33
 1,2-Dichloroethane-d4
 Concen: 52.113 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053657.D
 Acq: 7 Feb 2019 15:53

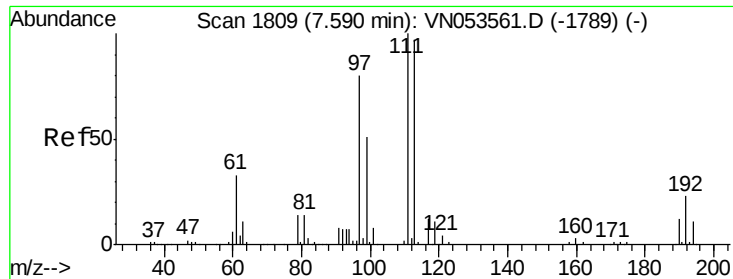
Tot Ion: 65 Resp: 385733
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053657.D
 Acq: 7 Feb 2019 15:53

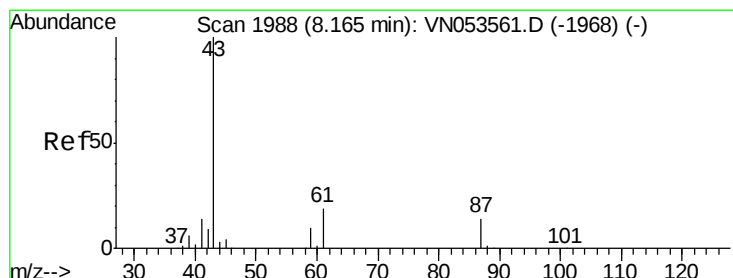
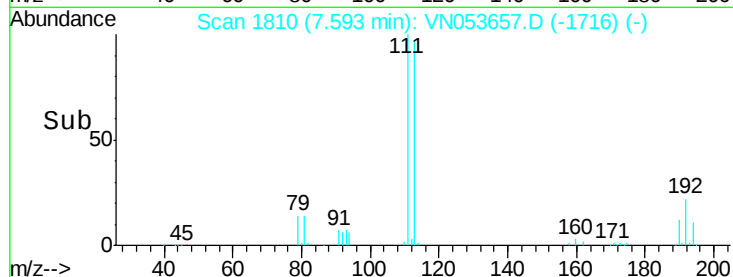
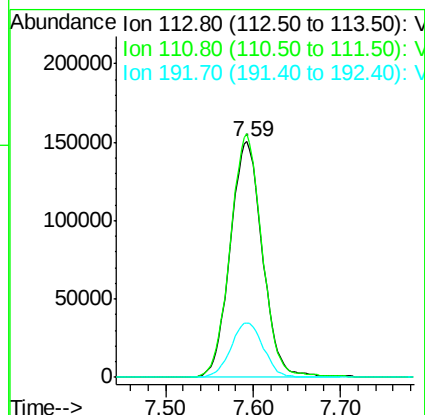
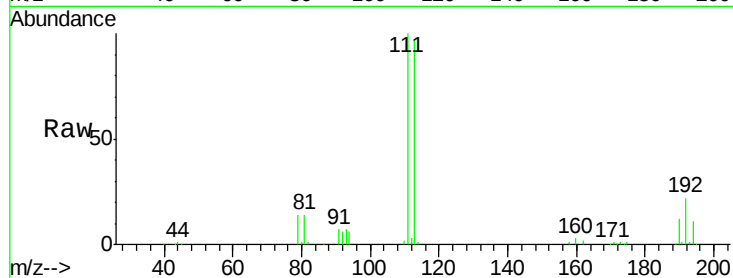
Tgt Ion: 114 Resp: 1211527
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.2 0.0 30.4





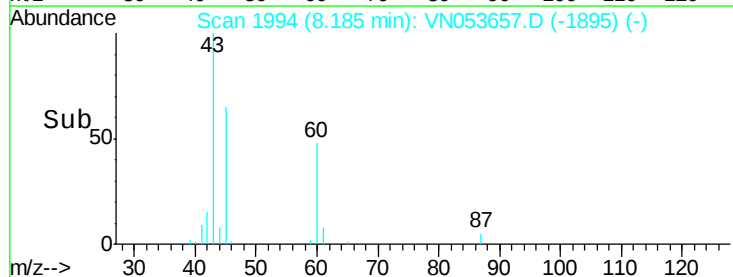
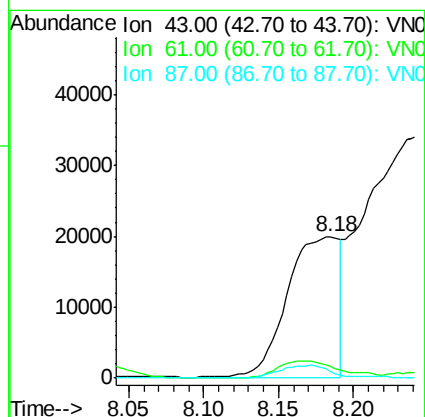
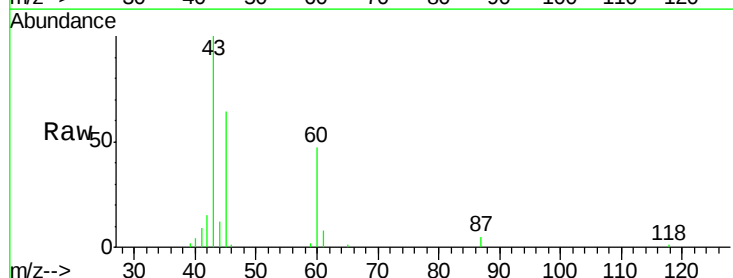
#35
 Dibromofluoromethane
 Concen: 50.346 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053657.D
 Acq: 7 Feb 2019 15:53

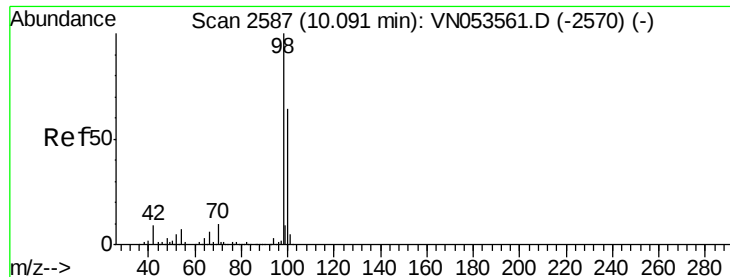
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.1	121.7
192	23.1	18.2	27.2



#43
 Isopropyl Acetate
 Concen: 4.112 ug/l
 RT: 8.18 min Scan# 1994
 Delta R.T. 0.02 min
 Lab File: VN053657.D
 Acq: 7 Feb 2019 15:53

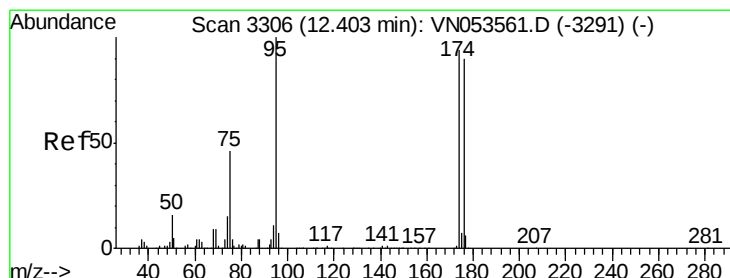
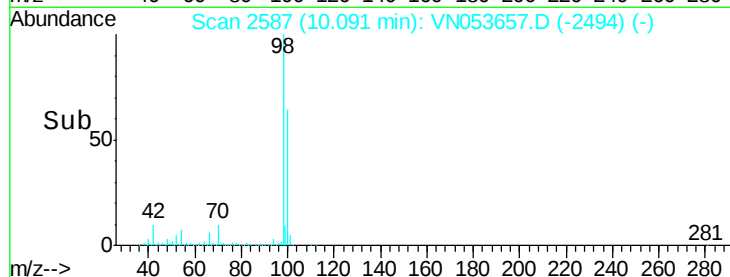
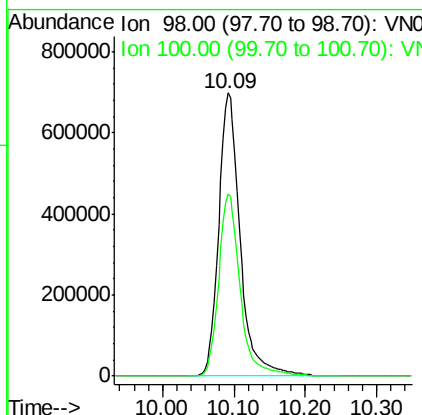
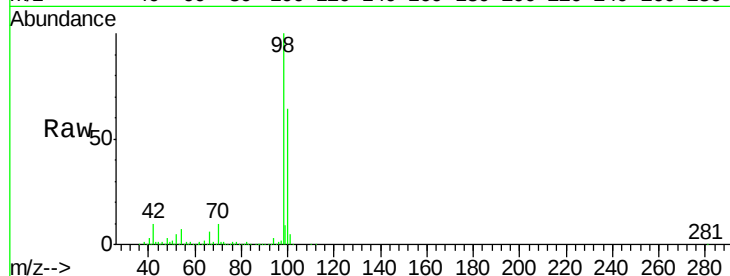
Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.3	23.9	35.9#
87	8.7	11.0	16.6#





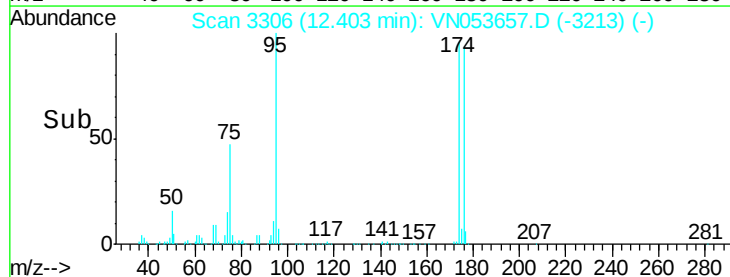
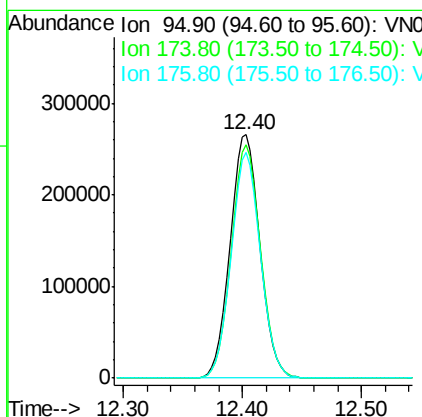
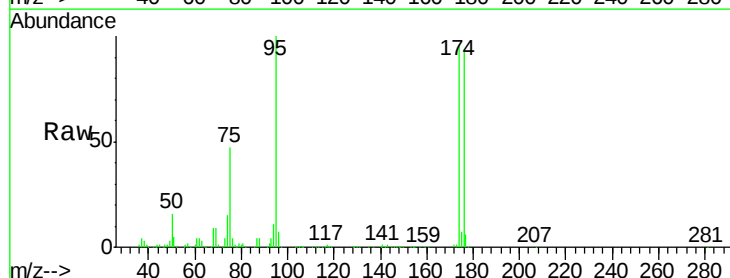
#50
Toluene-d8
Concen: 50.697 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053657.D
Acq: 7 Feb 2019 15:53

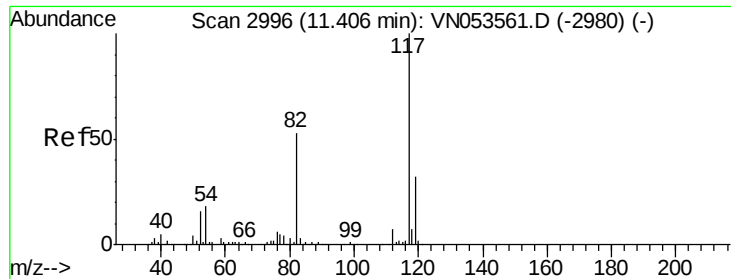
Tot Ion: 98 Resp: 1457236
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.961 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053657.D
Acq: 7 Feb 2019 15:53

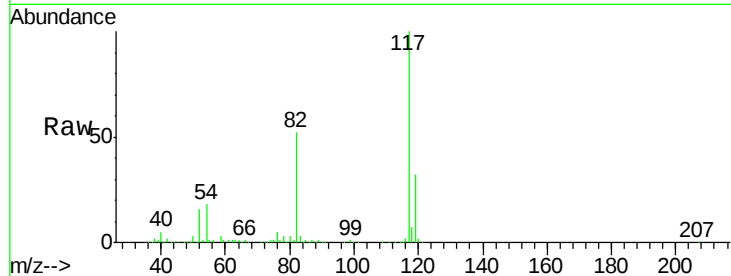
Tgt Ion: 95 Resp: 459783
Ion Ratio Lower Upper
95 100
174 94.1 0.0 183.2
176 90.9 0.0 177.4



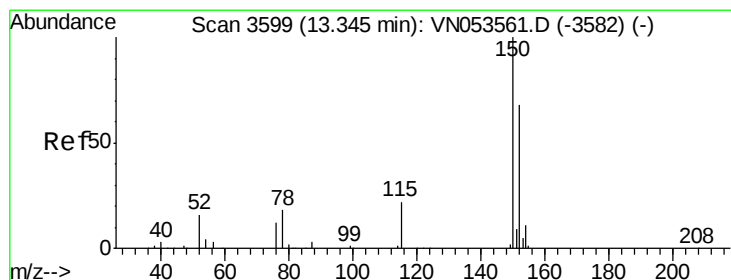
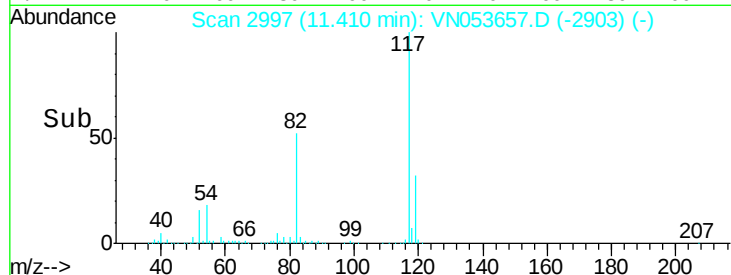
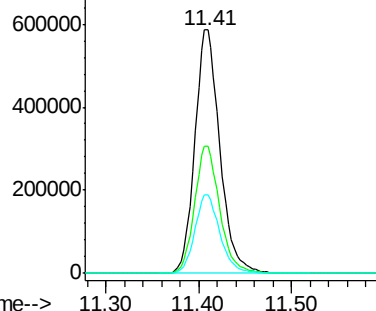


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053657.D
Acq: 7 Feb 2019 15:53

Tot Ion:117 Resp: 1091719
Ion Ratio Lower Upper
117 100
82 52.1 42.9 64.3
119 32.4 26.0 39.0

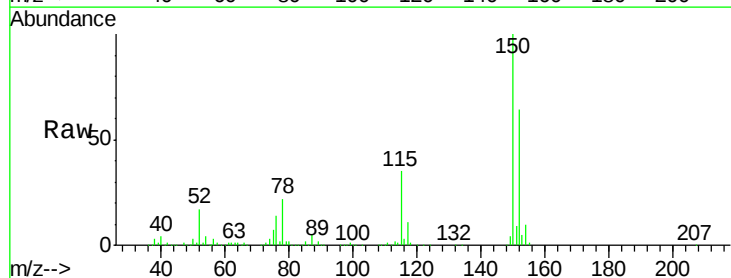


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053657.D
Acq: 7 Feb 2019 15:53

Tgt Ion:152 Resp: 424148
Ion Ratio Lower Upper
152 100
115 54.6 27.8 83.4
150 157.1 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

