

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053660.D
 Acq On : 7 Feb 2019 17:13
 Operator : JC/SP
 Sample : PB116887ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

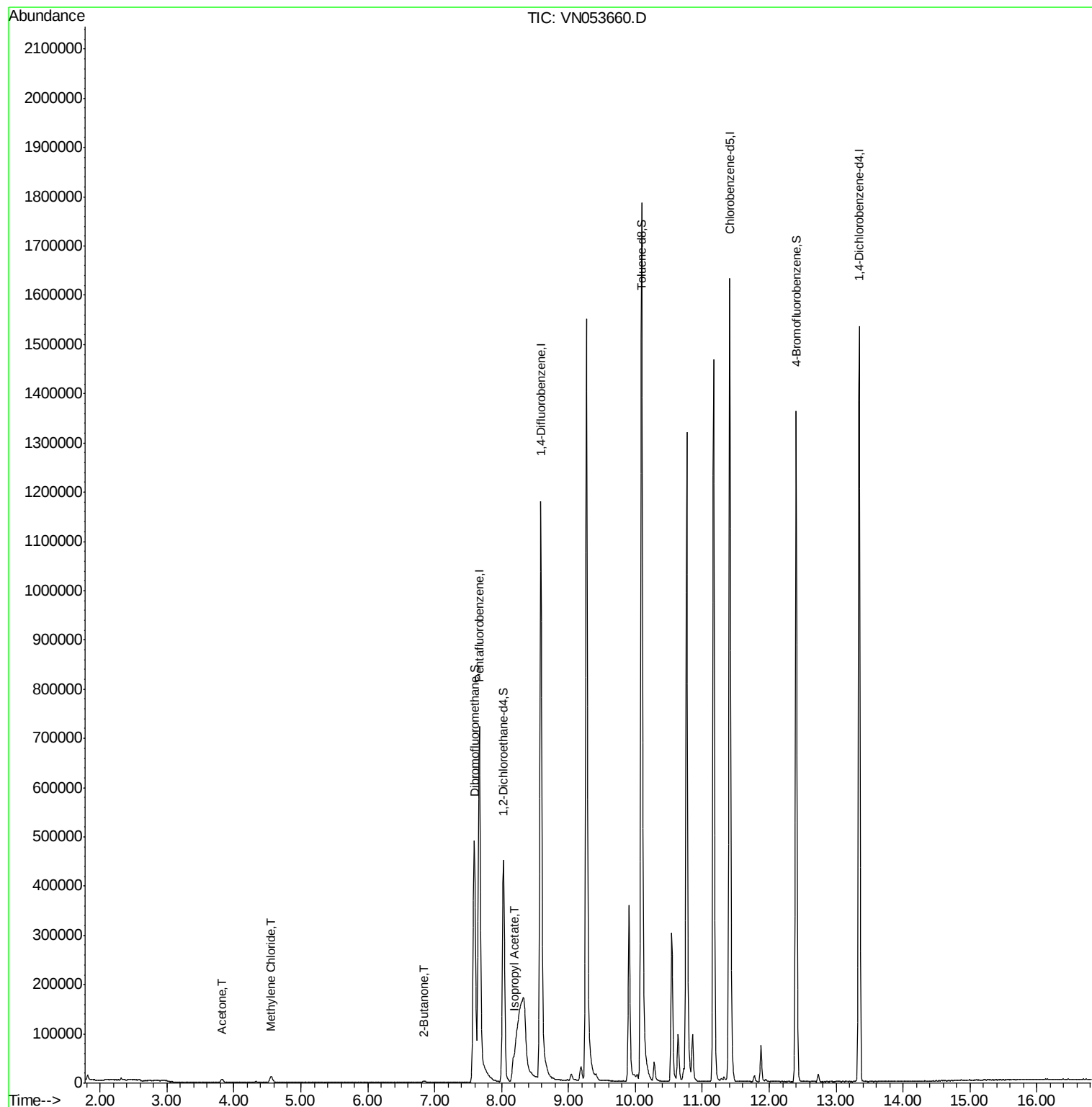
Quant Time: Feb 09 01:05:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	740759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1216792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1097371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	452172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	386023	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
35) Dibromofluoromethane	7.59	113	384071	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
50) Toluene-d8	10.09	98	1464521	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.40	95	476984	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
Target Compounds						
16) Acetone	3.82	43	13014	6.827	ug/l	97
20) Methylene Chloride	4.56	84	10267	1.284	ug/l	97
25) 2-Butanone	6.85	43	5344	1.966	ug/l	93
43) Isopropyl Acetate	8.18	43	35892m	3.034	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: VN053660.D

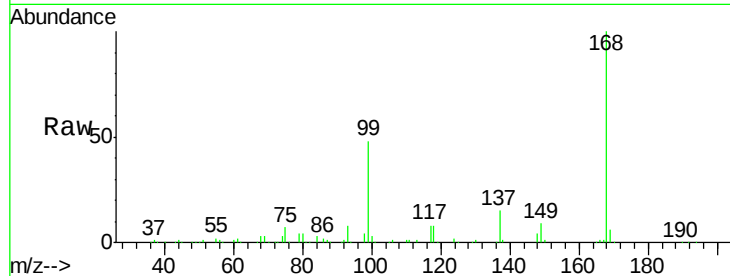
Acq: 7 Feb 2019 17:13

Tot Ion:168 Resp: 740759

Ion Ratio Lower Upper

168 100

99 47.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053660.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053660.D (-1740) (-)

7.67

300000

250000

200000

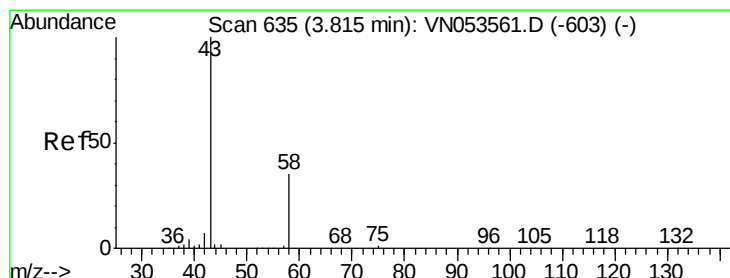
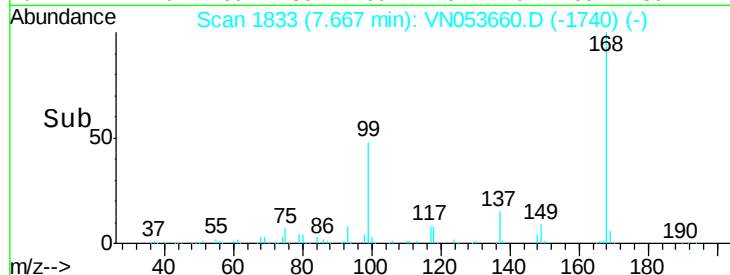
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 6.827 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053660.D

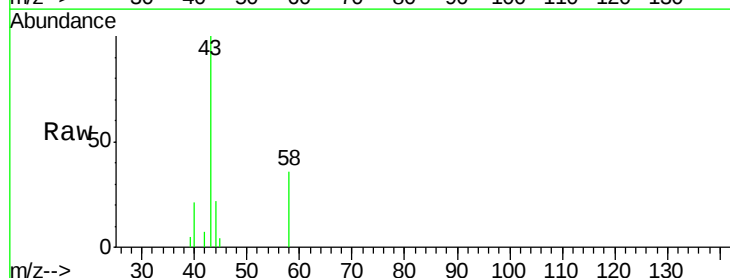
Acq: 7 Feb 2019 17:13

Tgt Ion: 43 Resp: 13014

Ion Ratio Lower Upper

43 100

58 35.8 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053660.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053660.D (-542) (-)

3.82

5000

4000

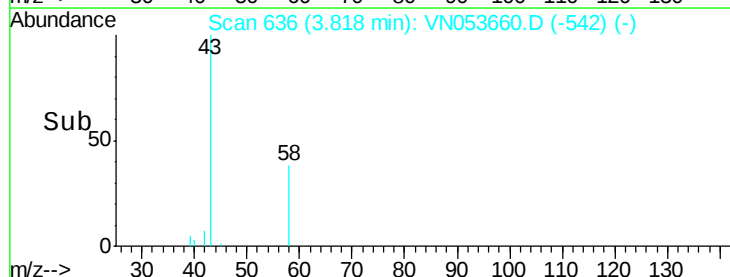
3000

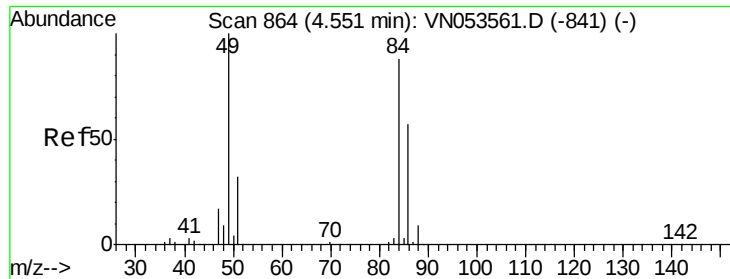
2000

1000

0

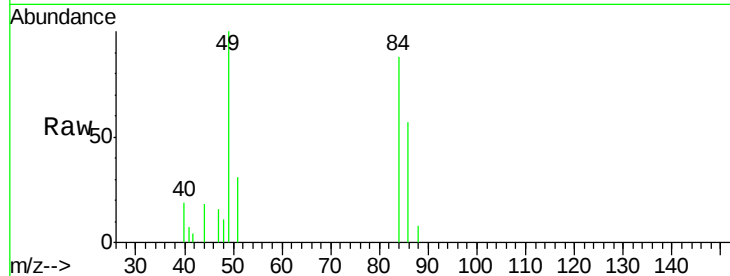
Time--> 3.75 3.80 3.85 3.90



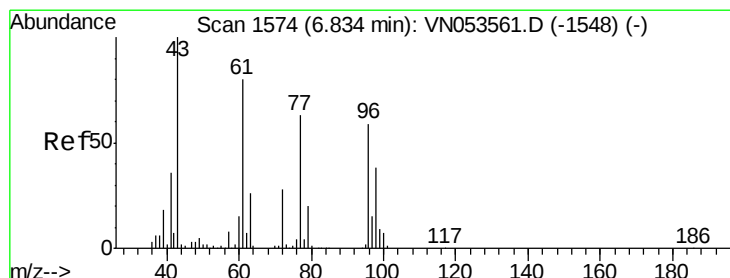
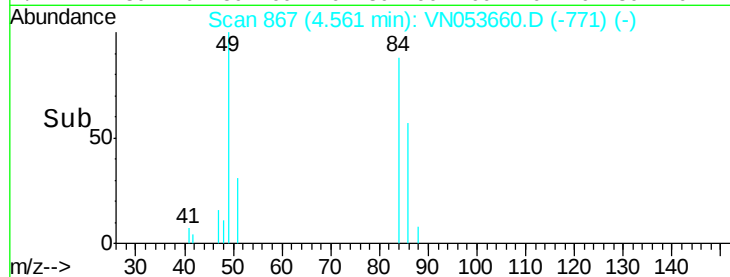
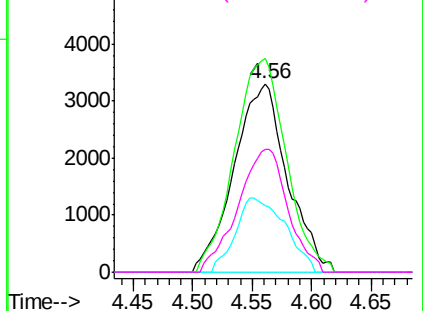


#20
Methvlene Chloride
Concen: 1.284 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN053660.D
Acq: 7 Feb 2019 17:13

Tot Ion:	84	Resp:	10267
Ion	Ratio	Lower	Upper
84	100		
49	113.4	94.3	141.5
51	35.6	29.4	44.2
86	65.0	51.4	77.0

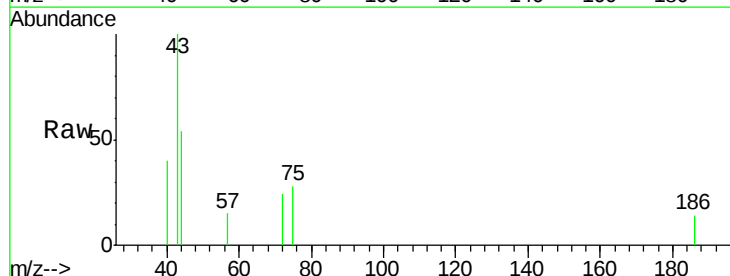


Abundance Ion 83.90 (83.60 to 84.60): VN0

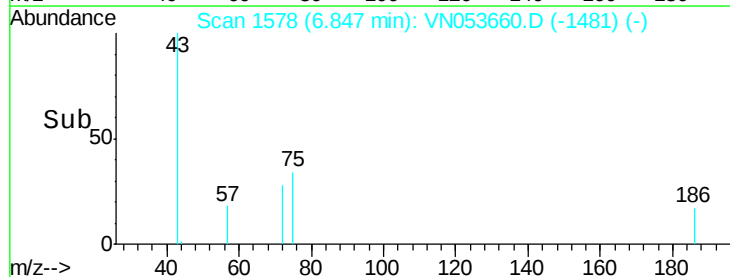
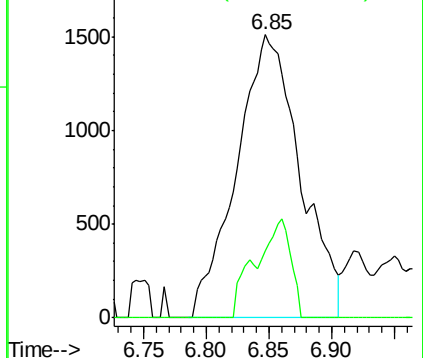


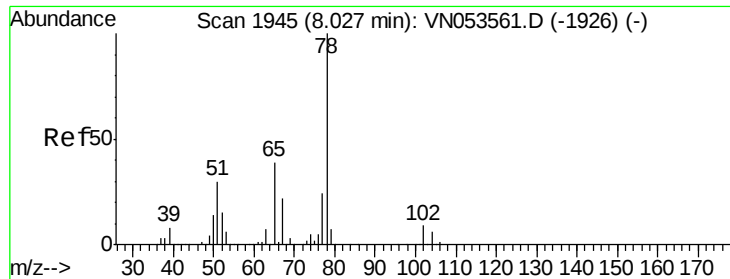
#25
2-Butanone
Concen: 1.966 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053660.D
Acq: 7 Feb 2019 17:13

Tgt Ion:	43	Resp:	5344
Ion	Ratio	Lower	Upper
43	100		
72	23.8	22.0	33.0



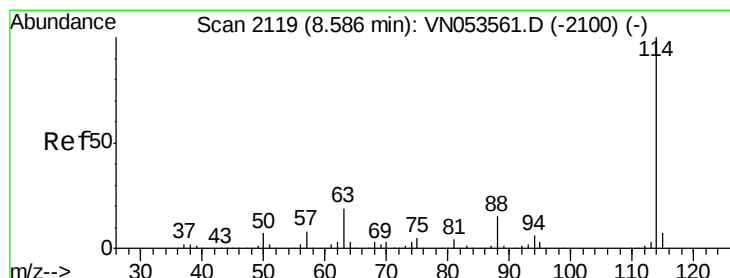
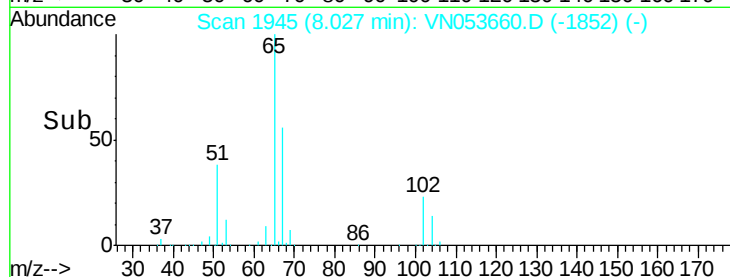
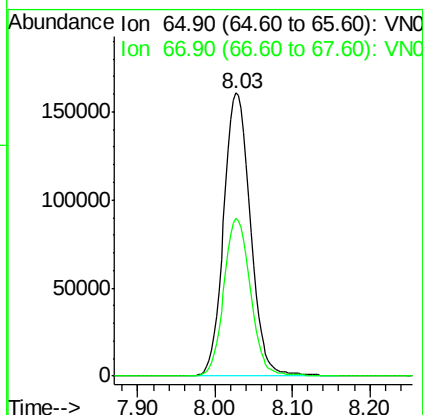
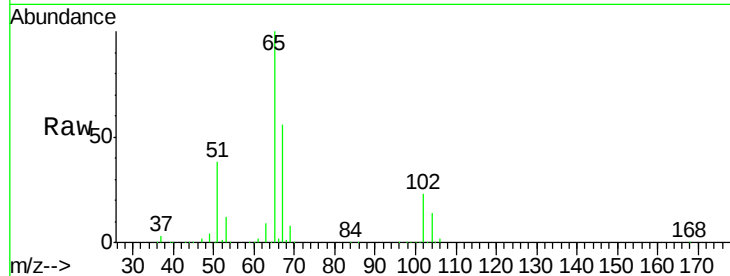
Abundance Ion 43.00 (42.70 to 43.70): VN0





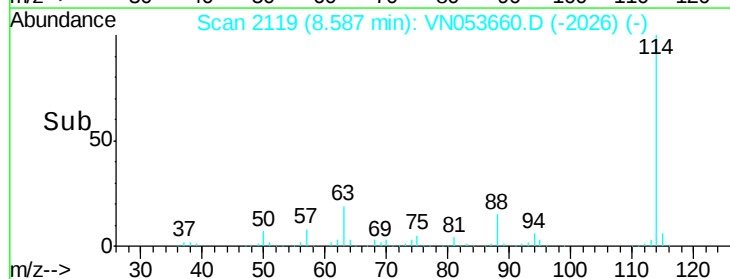
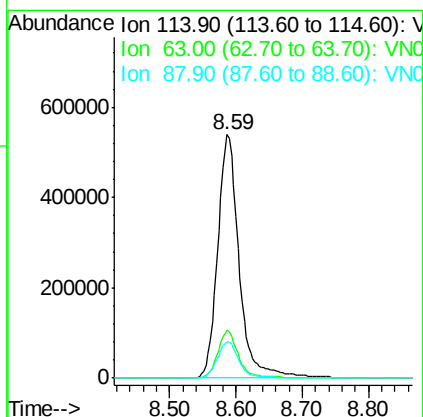
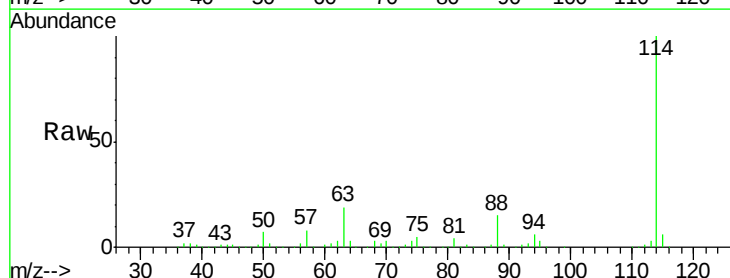
#33
 1,2-Dichloroethane-d4
 Concen: 51.946 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053660.D
 Acq: 7 Feb 2019 17:13

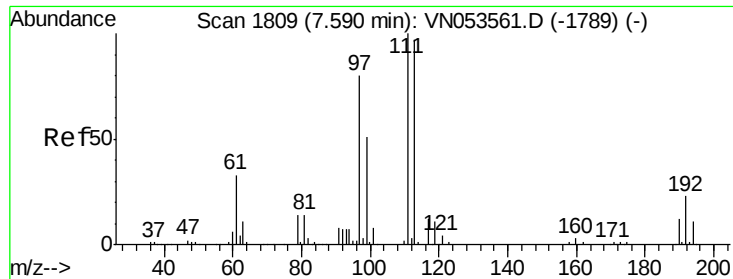
Tot Ion: 65 Resp: 386023
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053660.D
 Acq: 7 Feb 2019 17:13

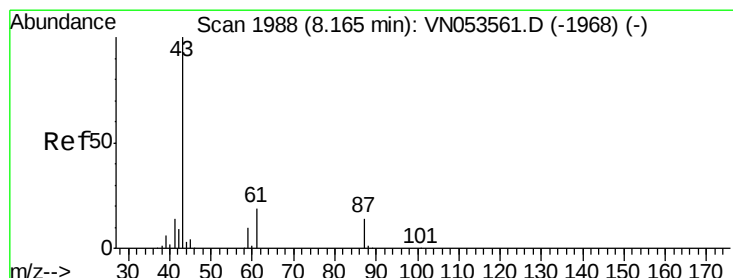
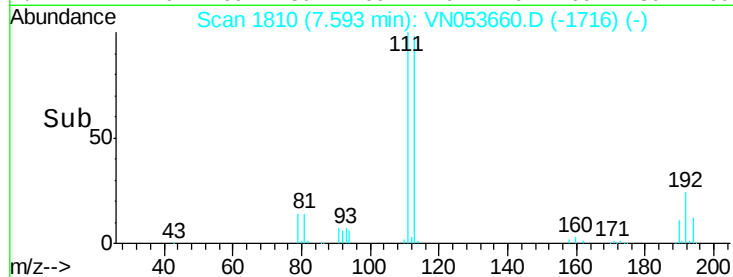
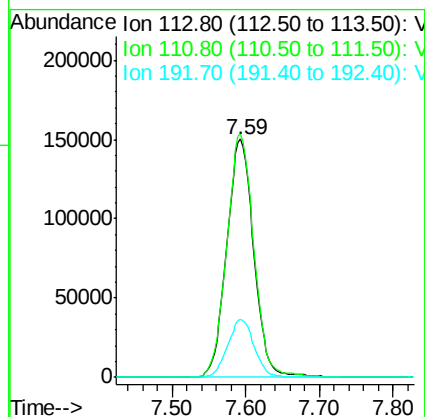
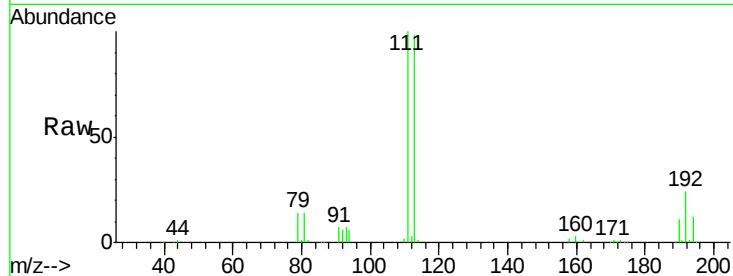
Tgt Ion: 114 Resp: 1216792
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.0 0.0 30.4





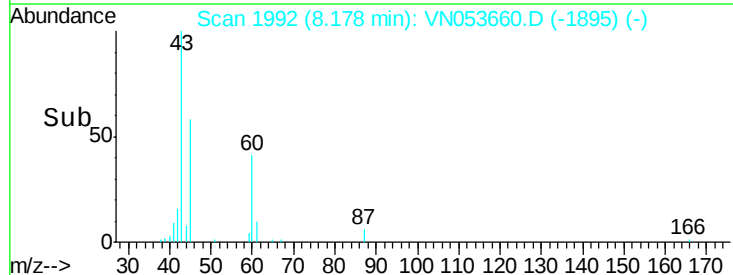
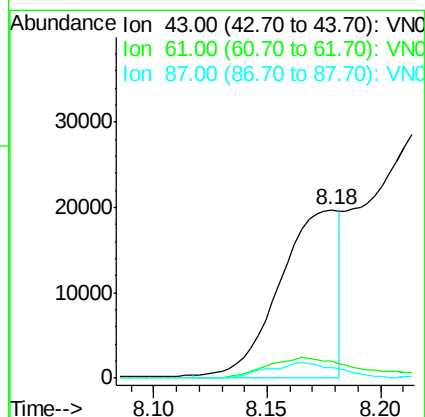
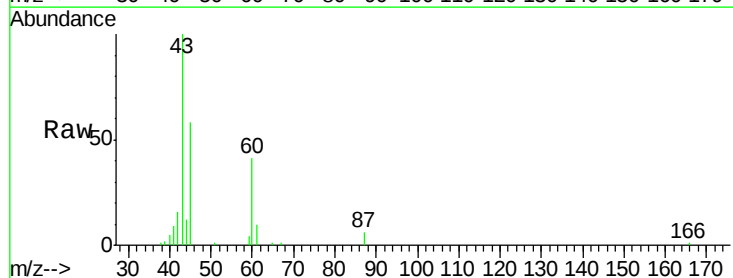
#35
 Dibromofluoromethane
 Concen: 49.954 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053660.D
 Acq: 7 Feb 2019 17:13

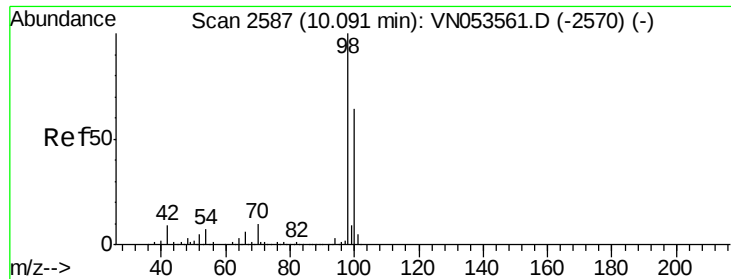
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.1	121.7
192	23.8	18.2	27.2



#43
 Isopropyl Acetate
 Concen: 3.034 ug/l m
 RT: 8.18 min Scan# 1992
 Delta R.T. 0.01 min
 Lab File: VN053660.D
 Acq: 7 Feb 2019 17:13

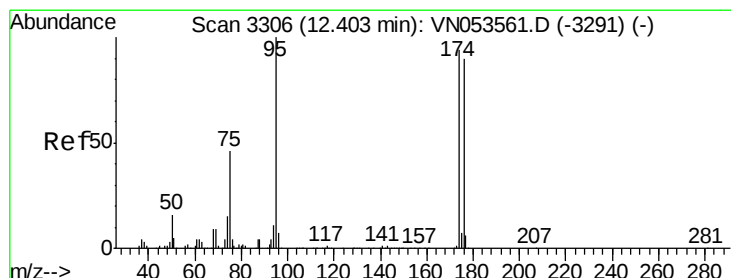
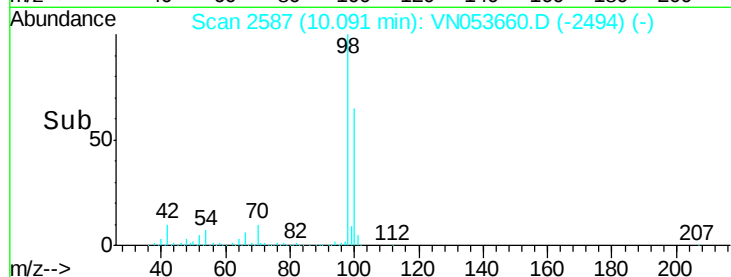
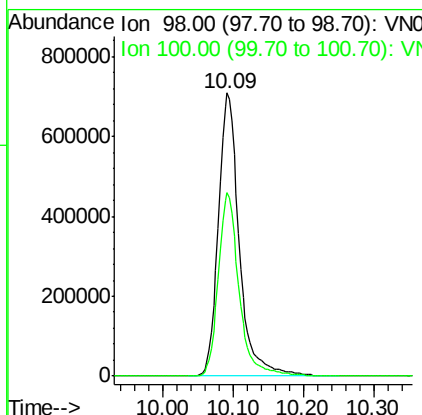
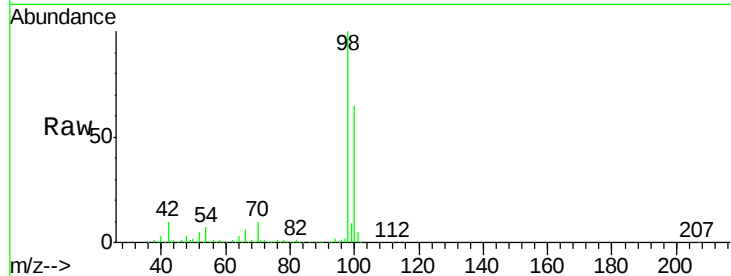
Tgt Ion	Ratio	Lower	Upper
43	100		
61	3.1	23.9	35.9#
87	0.0	11.0	16.6#





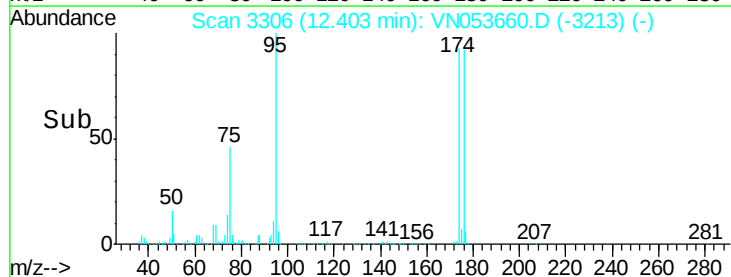
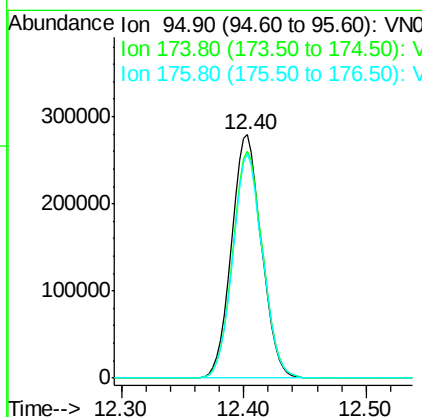
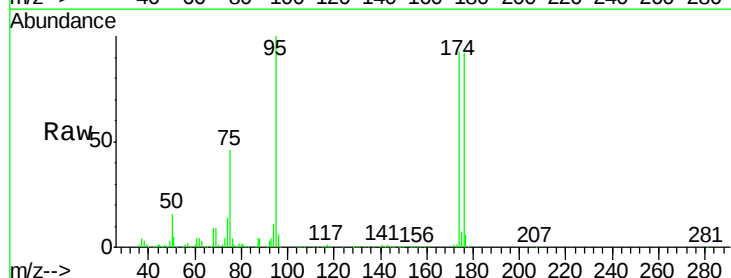
#50
Toluene-d8
Concen: 50.730 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053660.D
Acq: 7 Feb 2019 17:13

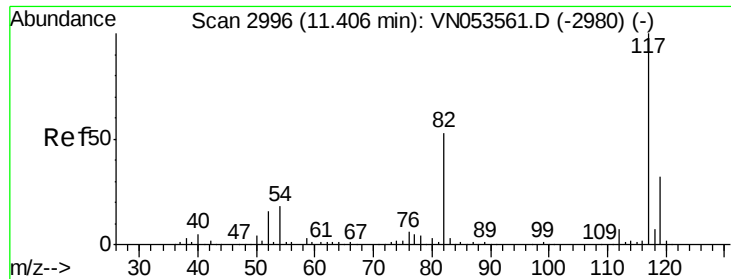
Tot Ion: 98 Resp: 1464521
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 49.540 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053660.D
Acq: 7 Feb 2019 17:13

Tgt Ion: 95 Resp: 476984
Ion Ratio Lower Upper
95 100
174 93.7 0.0 183.2
176 91.0 0.0 177.4

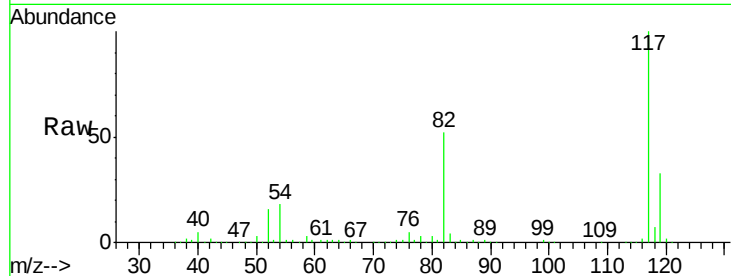




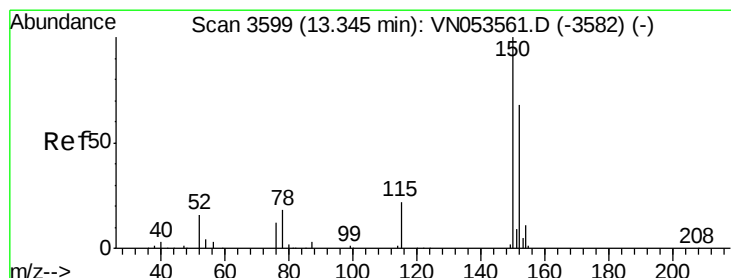
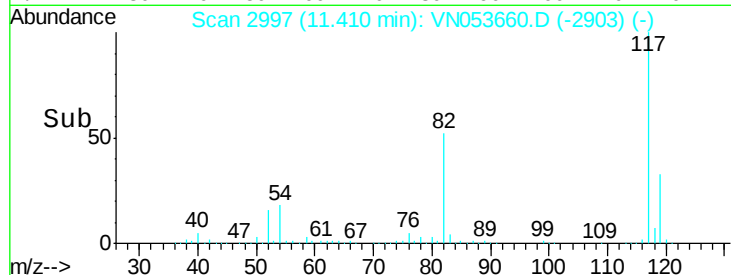
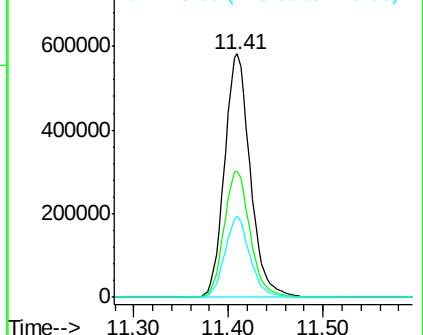
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053660.D
Acq: 7 Feb 2019 17:13

Tot Ion:117 Resp: 1097371

Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.9	64.3
119	33.1	26.0	39.0



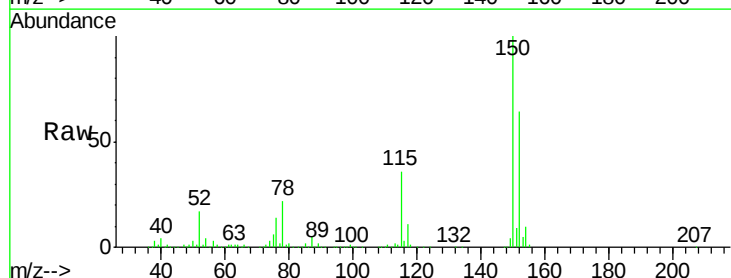
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053660.D
Acq: 7 Feb 2019 17:13

Tgt Ion:152 Resp: 452172

Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.8	83.4
150	155.5	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

