

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053662.D
 Acq On : 7 Feb 2019 18:07
 Operator : JC/SP
 Sample : PB116887ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

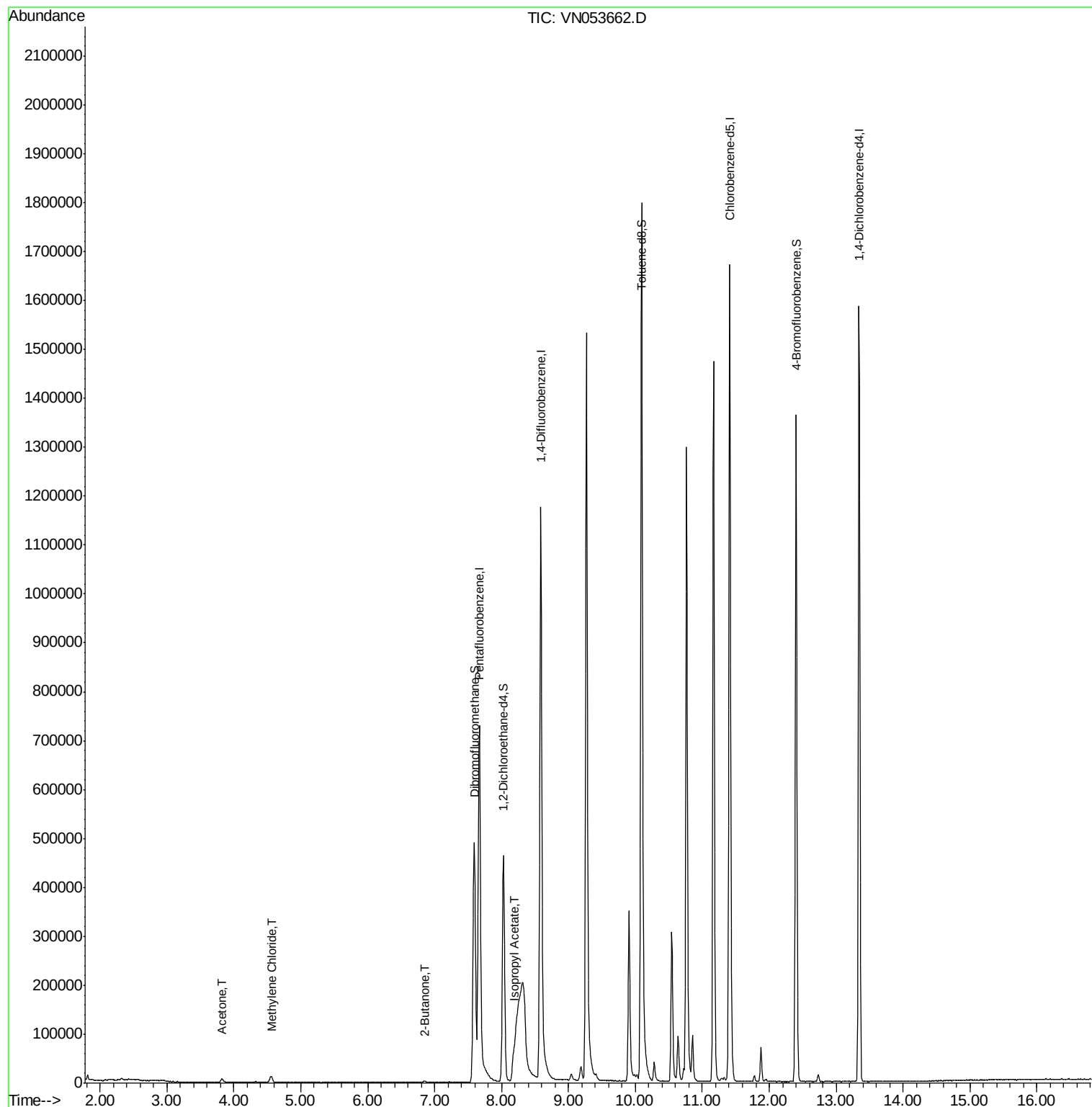
Quant Time: Feb 09 01:08:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

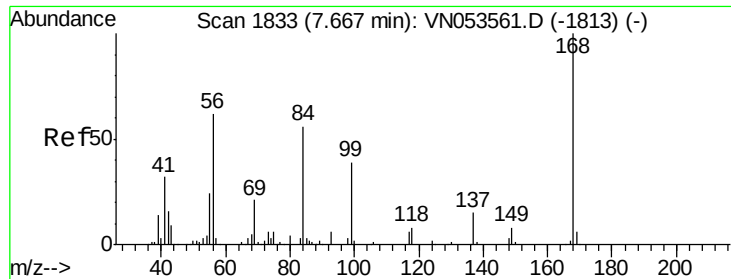
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	747587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1234226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1123487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	460777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	391417	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
35) Dibromofluoromethane	7.59	113	390532	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
50) Toluene-d8	10.09	98	1480383	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.40	95	487169	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
Target Compounds						
16) Acetone	3.82	43	12981	6.748	ug/l	95
20) Methylene Chloride	4.56	84	10534	1.305	ug/l	93
25) 2-Butanone	6.84	43	4376	1.595	ug/l	93
43) Isopropyl Acetate	8.18	43	40466m	3.372	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: VN053662.D

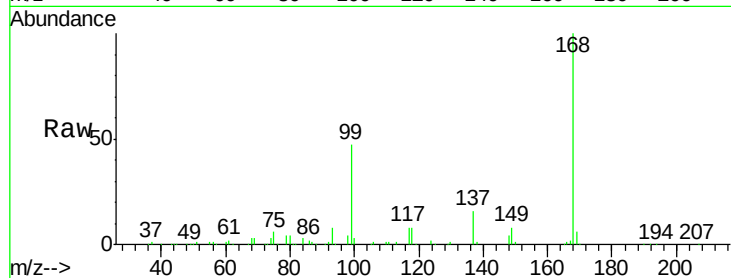
Acq: 7 Feb 2019 18:07

Tot Ion:168 Resp: 747587

Ion Ratio Lower Upper

168 100

99 47.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

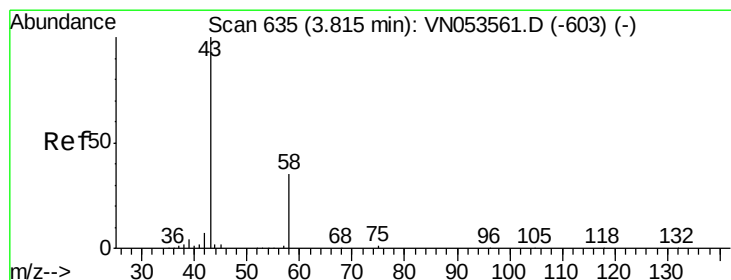
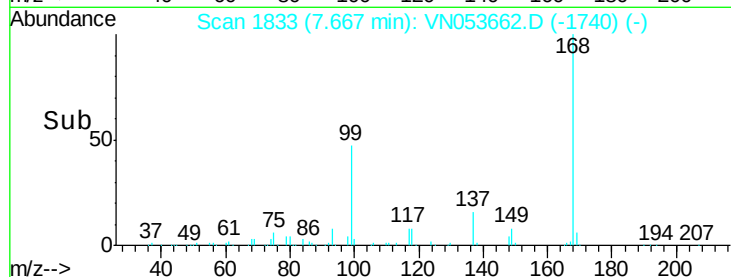
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 6.748 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053662.D

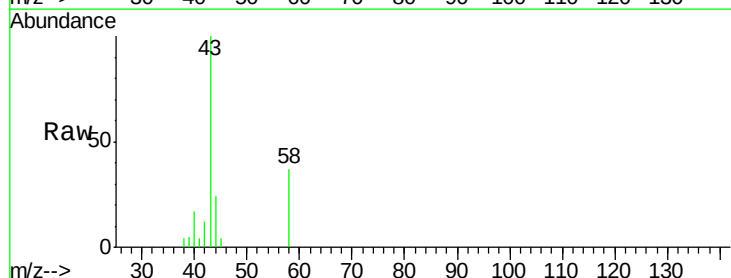
Acq: 7 Feb 2019 18:07

Tgt Ion: 43 Resp: 12981

Ion Ratio Lower Upper

43 100

58 36.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

5000

4000

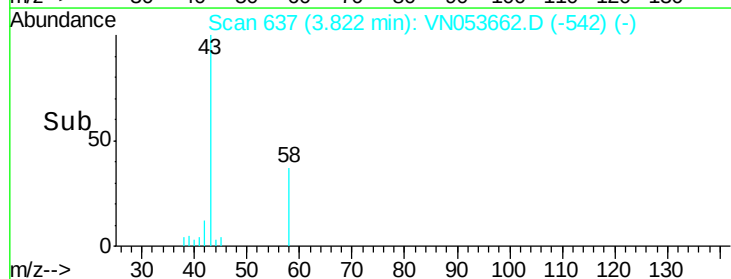
3000

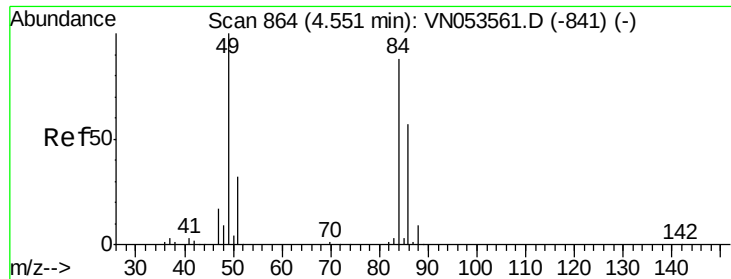
2000

1000

0

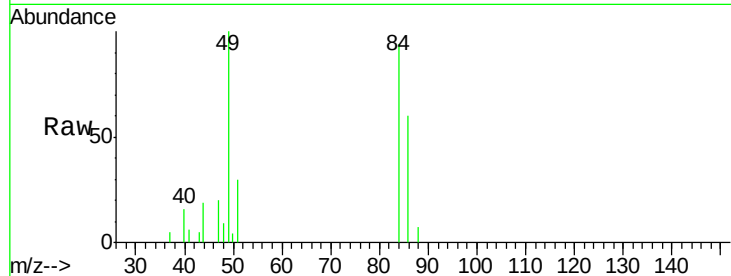
Time--> 3.70 3.80 3.90



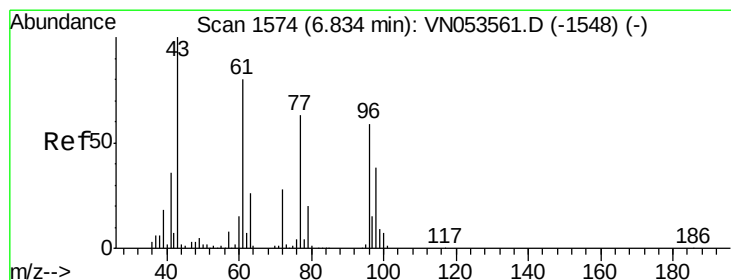
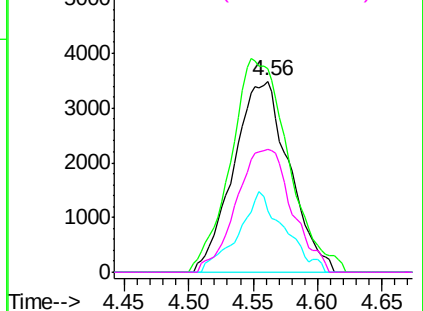
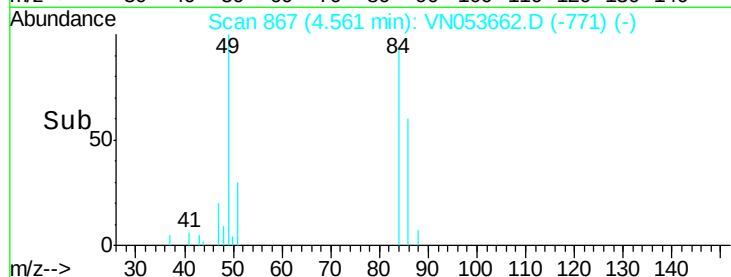


#20
Methvlene Chloride
Concen: 1.305 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN053662.D
Acq: 7 Feb 2019 18:07

Tot Ion:	84	Resp:	10534
Ion	Ratio	Lower	Upper
84	100		
49	106.8	94.3	141.5
51	32.2	29.4	44.2
86	64.0	51.4	77.0

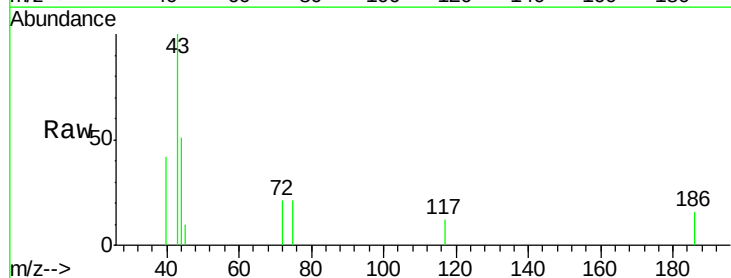


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

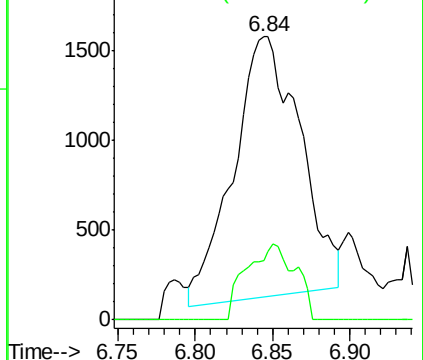
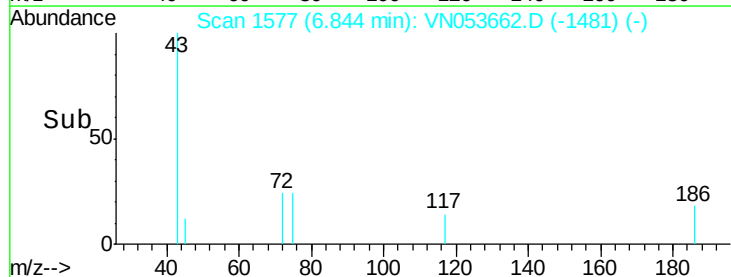


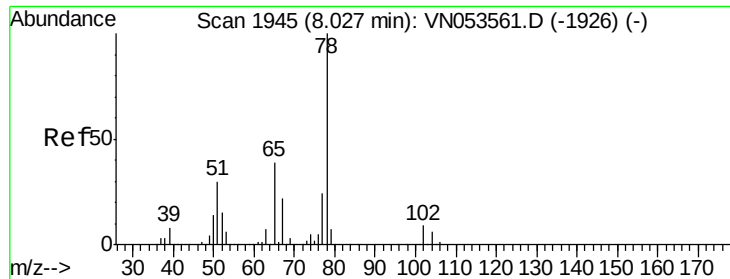
#25
2-Butanone
Concen: 1.595 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053662.D
Acq: 7 Feb 2019 18:07

Tgt Ion:	43	Resp:	4376
Ion	Ratio	Lower	Upper
43	100		
72	23.7	22.0	33.0



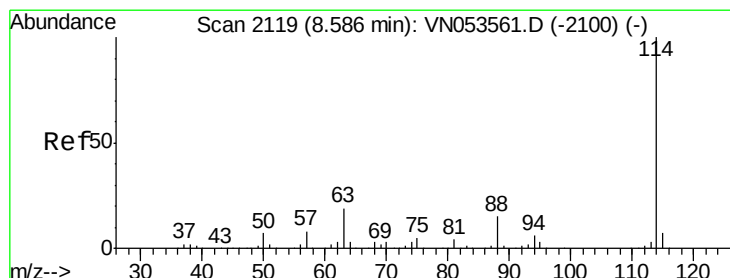
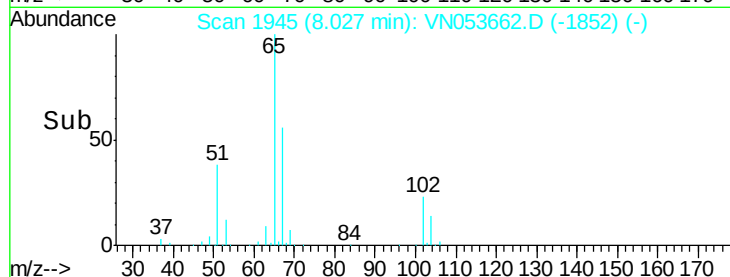
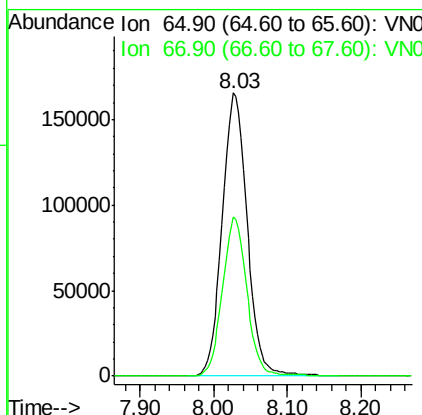
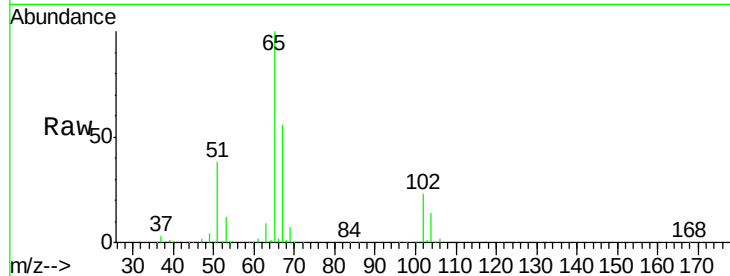
Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





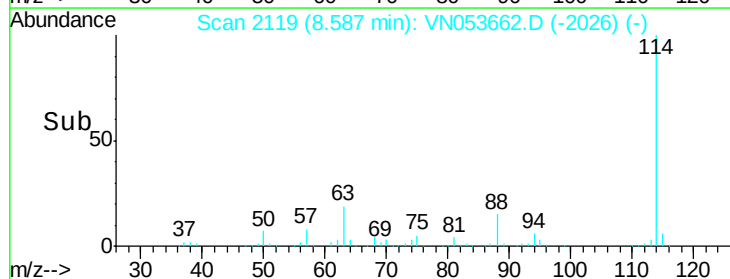
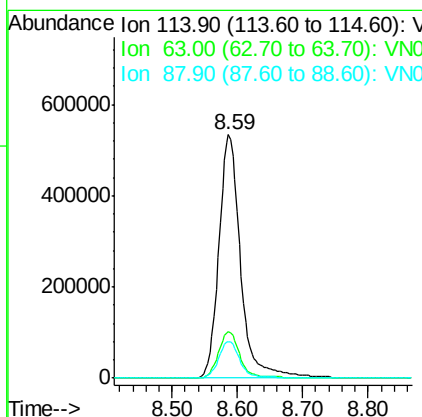
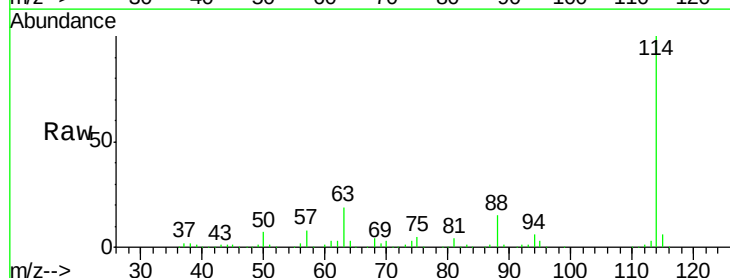
#33
 1,2-Dichloroethane-d4
 Concen: 52.191 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053662.D
 Acq: 7 Feb 2019 18:07

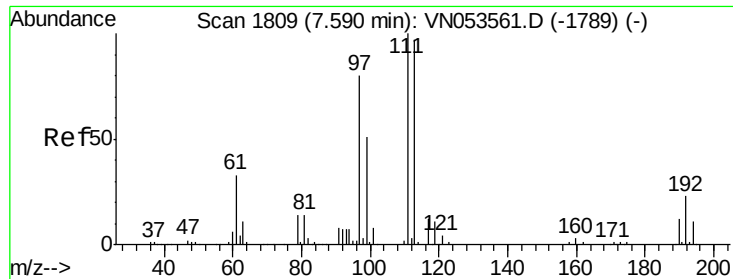
Tot Ion: 65 Resp: 391417
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053662.D
 Acq: 7 Feb 2019 18:07

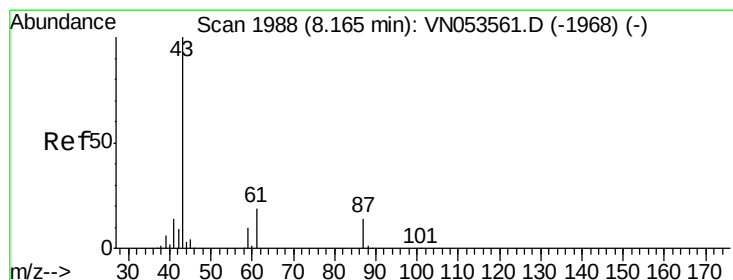
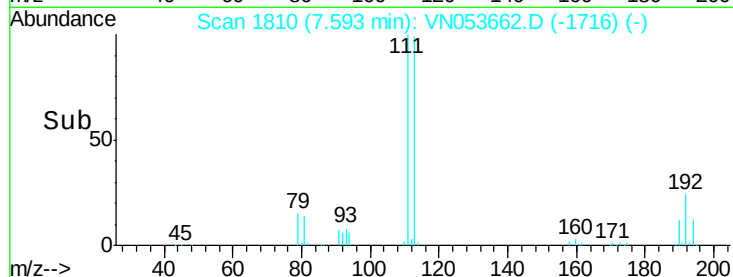
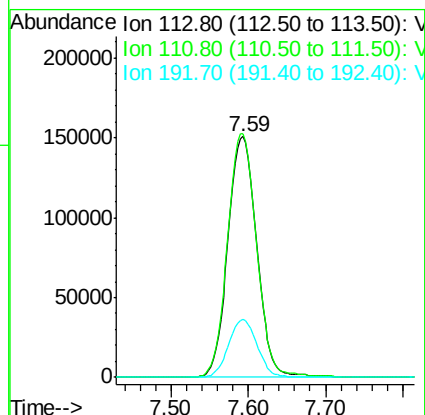
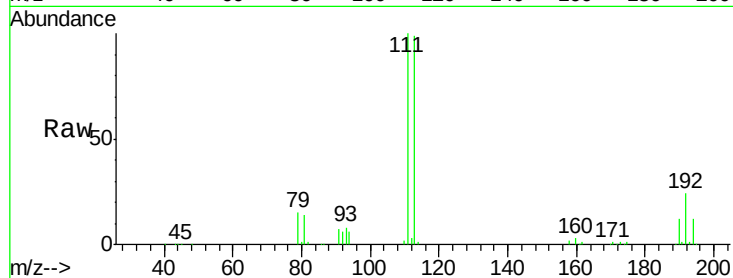
Tgt Ion: 114 Resp: 1234226
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.1 0.0 30.4





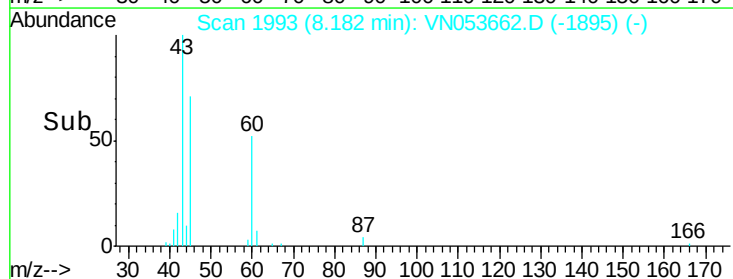
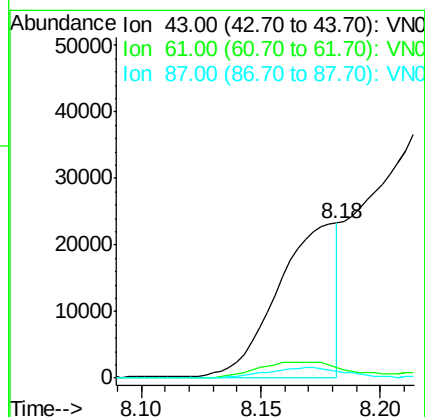
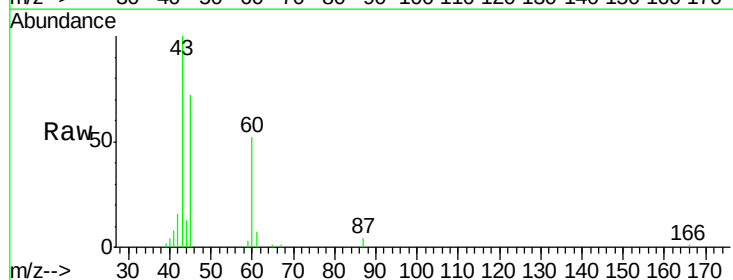
#35
 Dibromofluoromethane
 Concen: 50.076 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053662.D
 Acq: 7 Feb 2019 18:07

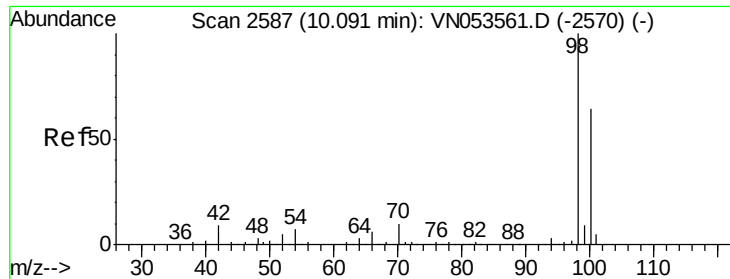
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.1	121.7
192	23.9	18.2	27.2



#43
 Isopropyl Acetate
 Concen: 3.372 ug/l m
 RT: 8.18 min Scan# 1993
 Delta R.T. 0.02 min
 Lab File: VN053662.D
 Acq: 7 Feb 2019 18:07

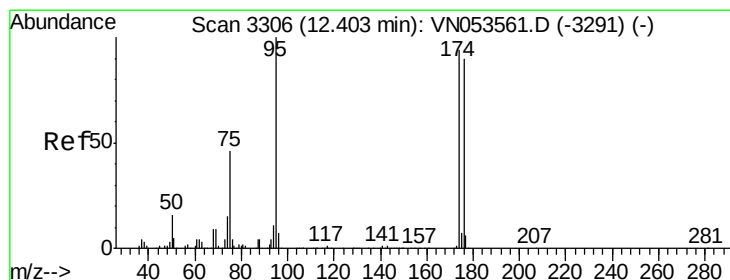
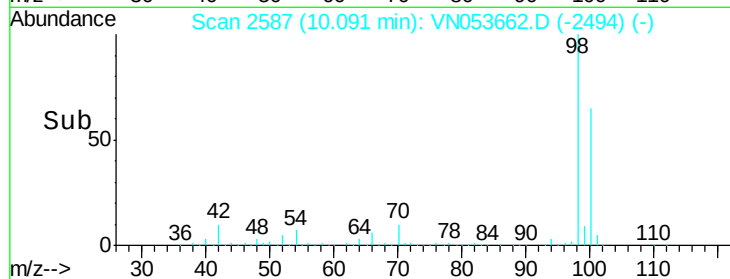
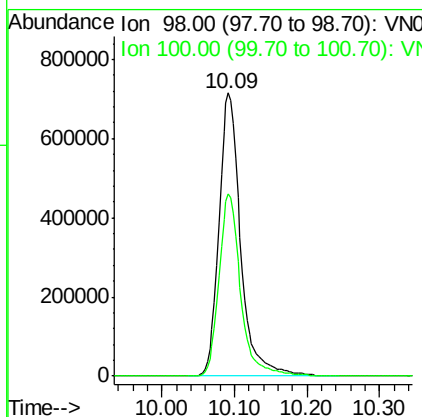
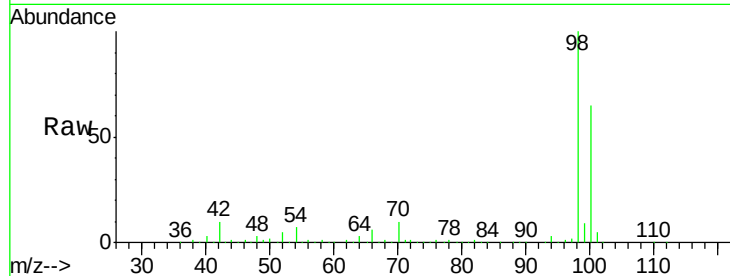
Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.6	23.9	35.9#
87	0.0	11.0	16.6#





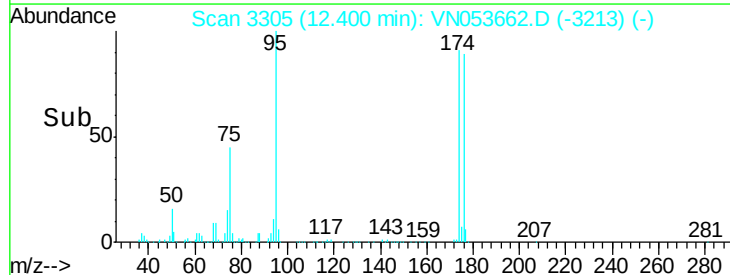
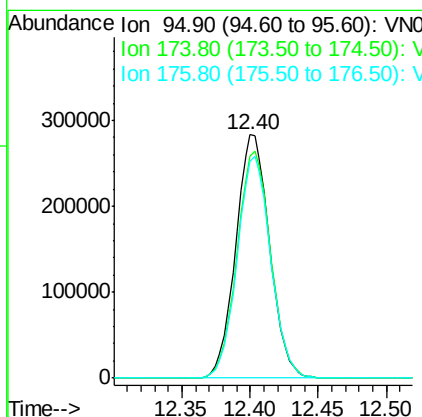
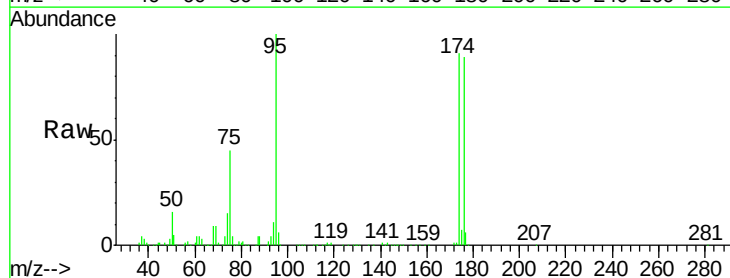
#50
Toluene-d8
Concen: 50.555 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053662.D
Acq: 7 Feb 2019 18:07

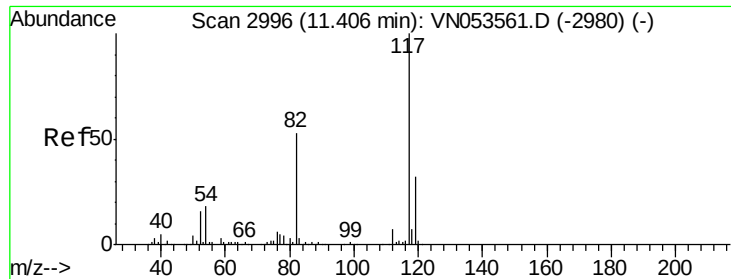
Tot Ion: 98 Resp: 1480383
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 49.883 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053662.D
Acq: 7 Feb 2019 18:07

Tgt Ion: 95 Resp: 487169
Ion Ratio Lower Upper
95 100
174 93.2 0.0 183.2
176 90.3 0.0 177.4

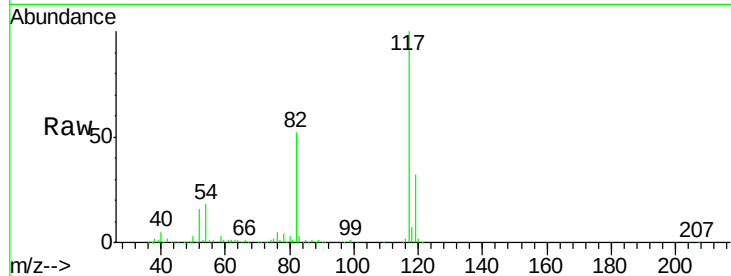




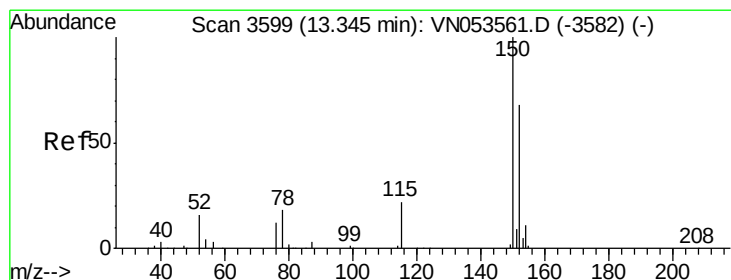
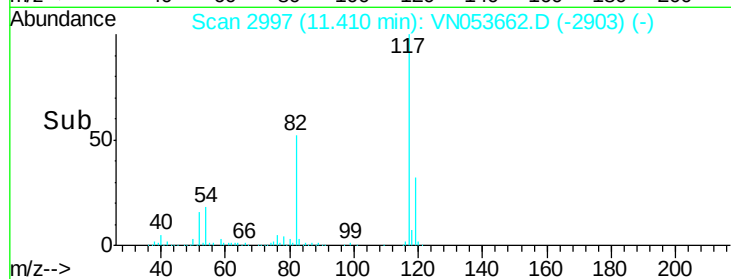
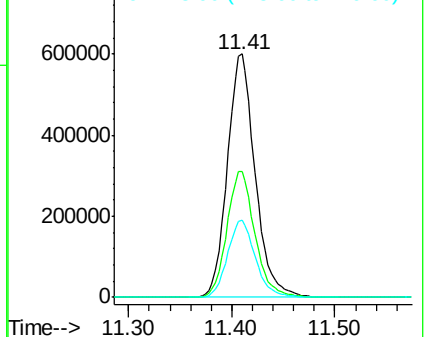
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053662.D
Acq: 7 Feb 2019 18:07

Tot Ion:117 Resp: 1123487

Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.9	64.3
119	31.8	26.0	39.0



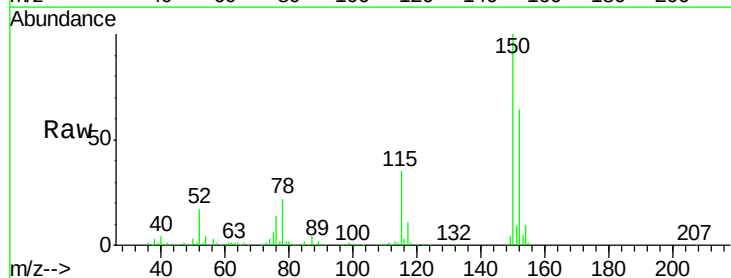
Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053662.D
Acq: 7 Feb 2019 18:07

Tgt Ion:152 Resp: 460777

Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.8	83.4
150	156.9	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

