

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053650.D
 Acq On : 7 Feb 2019 12:46
 Operator : JC/SP
 Sample : PB116887ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

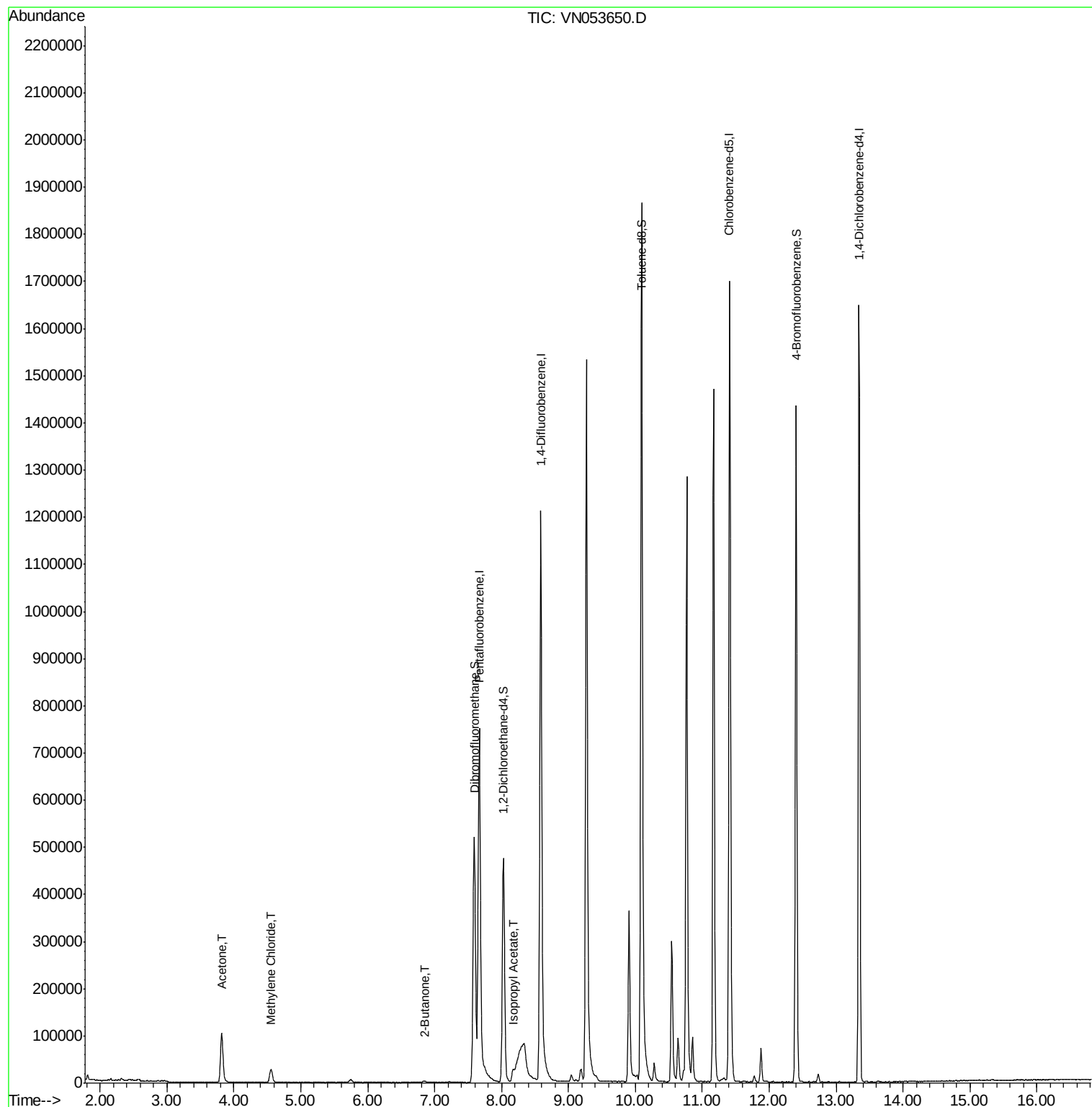
Quant Time: Feb 09 00:50:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

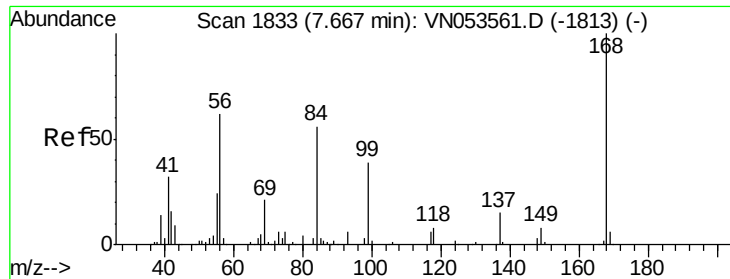
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	772136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1280277	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1155562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	479193	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	411131	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
35) Dibromofluoromethane	7.59	113	407806	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
50) Toluene-d8	10.09	98	1536458	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.40	95	507190	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
Target Compounds						
16) Acetone	3.82	43	181870	91.536	ug/l	99
20) Methylene Chloride	4.55	84	21782	2.613	ug/l	91
25) 2-Butanone	6.85	43	4880	1.722	ug/l #	89
43) Isopropyl Acetate	8.17	43	34263	2.753	ug/l #	82

(#) = 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: VN053650.D

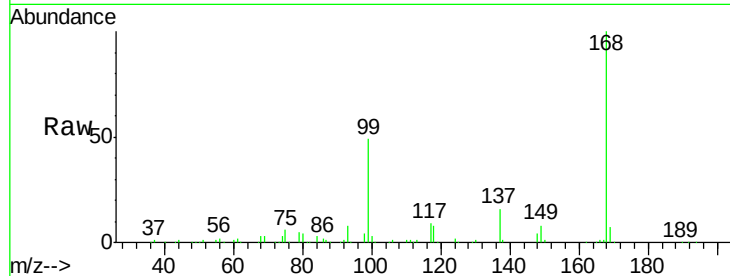
Acq: 7 Feb 2019 12:46

Tot Ion:168 Resp: 772136

Ion Ratio Lower Upper

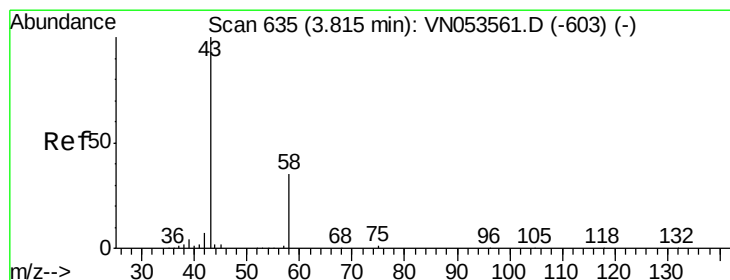
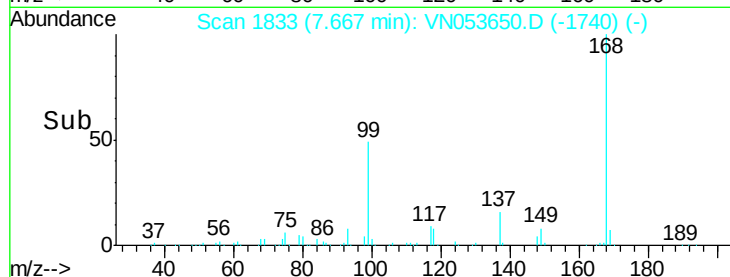
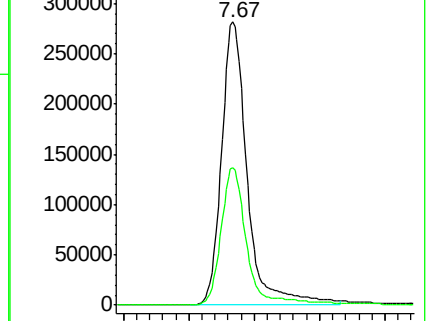
168 100

99 48.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 91.536 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053650.D

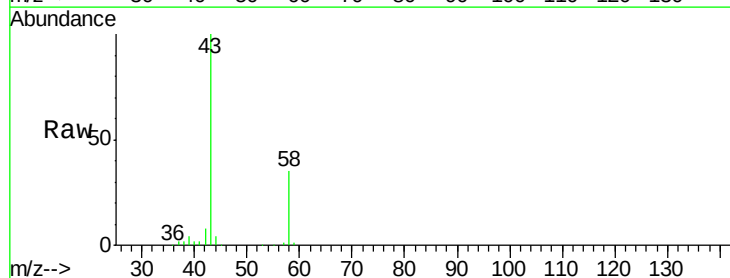
Acq: 7 Feb 2019 12:46

Tgt Ion: 43 Resp: 181870

Ion Ratio Lower Upper

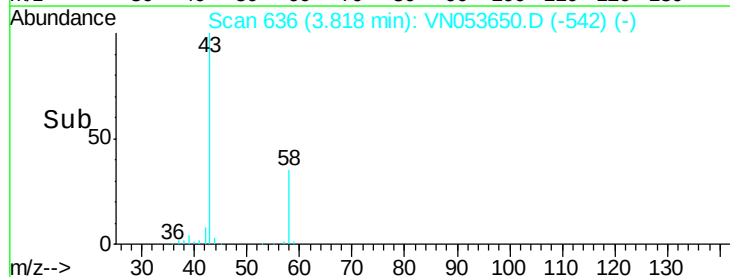
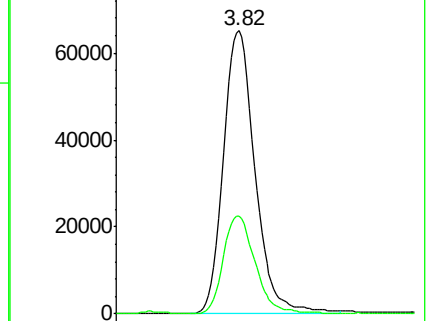
43 100

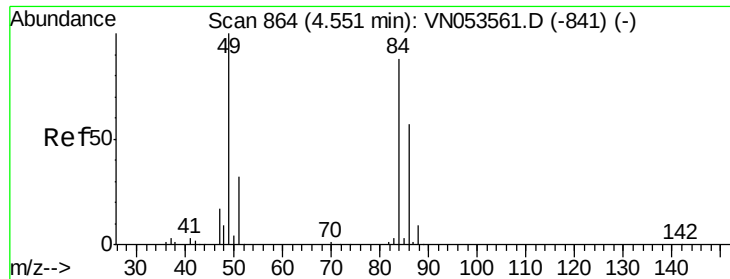
58 34.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

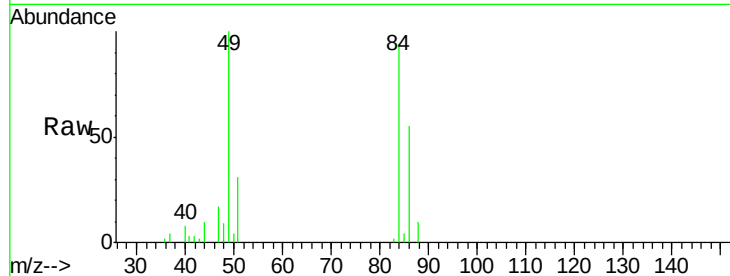




#20
Methvlene Chloride
Concen: 2.613 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053650.D
Acq: 7 Feb 2019 12:46

Tot Ion: 84 Resp: 21782

Ion	Ratio	Lower	Upper
84	100		
49	106.8	94.3	141.5
51	33.1	29.4	44.2
86	58.4	51.4	77.0

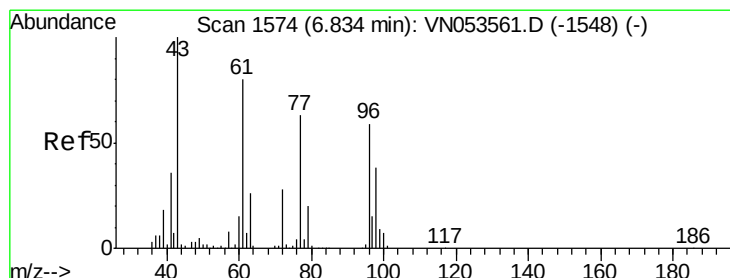
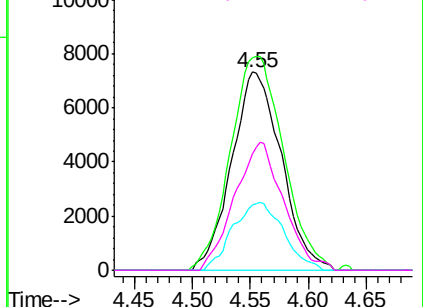
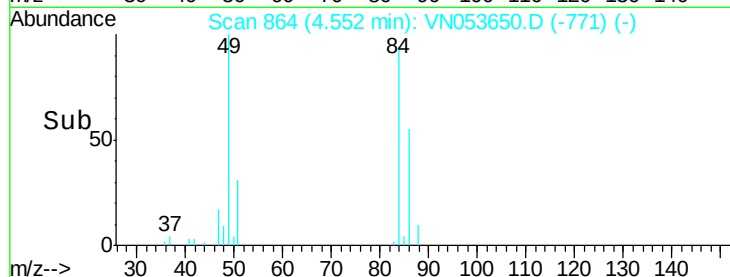


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

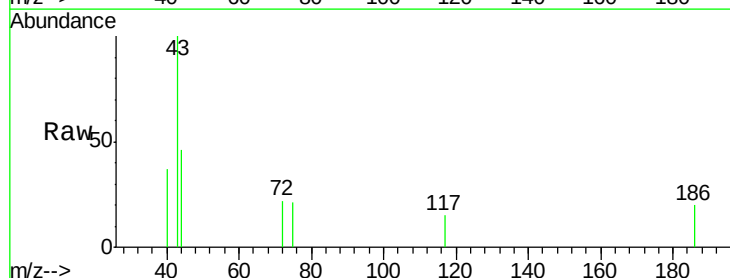
Ion 85.90 (85.60 to 86.60): VN0



#25
2-Butanone
Concen: 1.722 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN053650.D
Acq: 7 Feb 2019 12:46

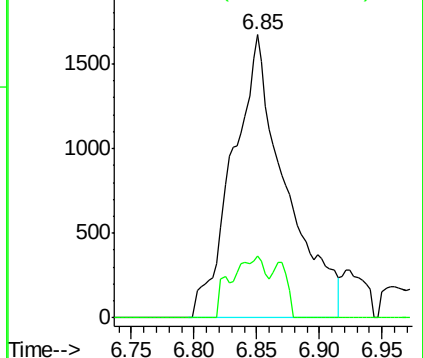
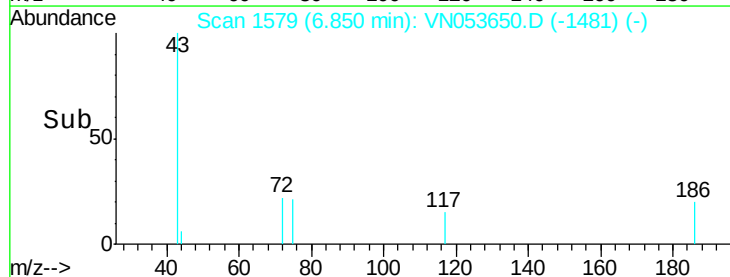
Tgt Ion: 43 Resp: 4880

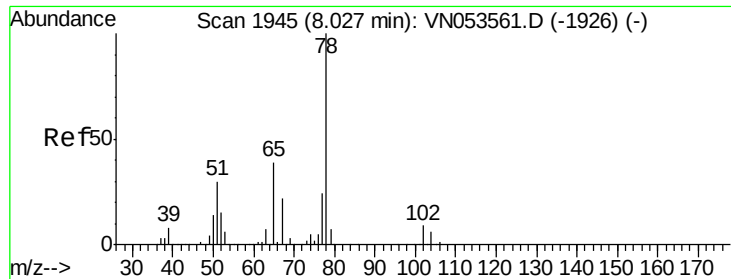
Ion	Ratio	Lower	Upper
43	100		
72	21.7	22.0	33.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

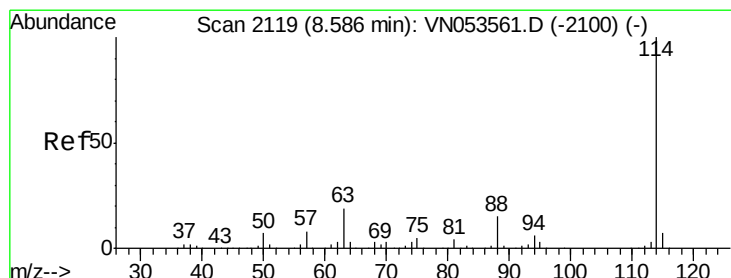
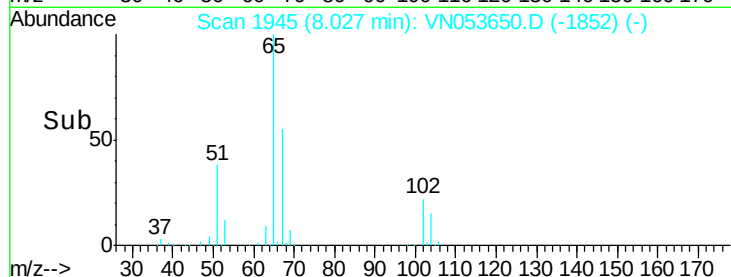
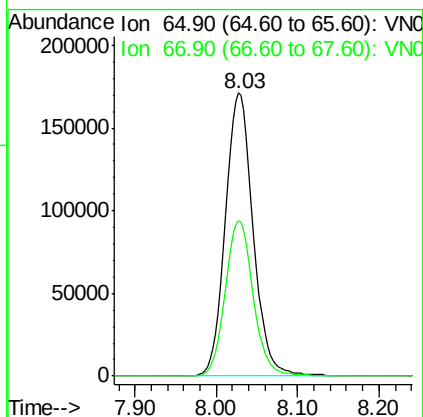
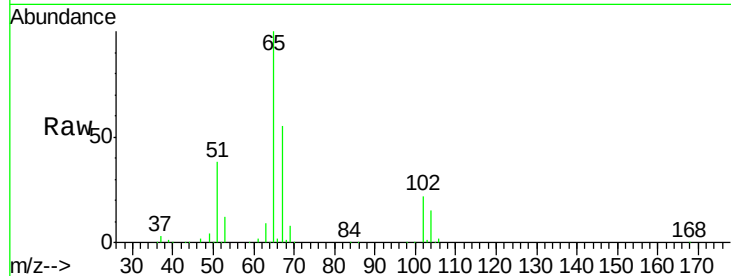
Ion 72.00 (71.70 to 72.70): VN0





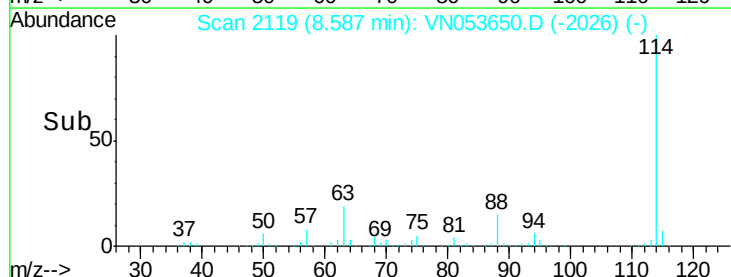
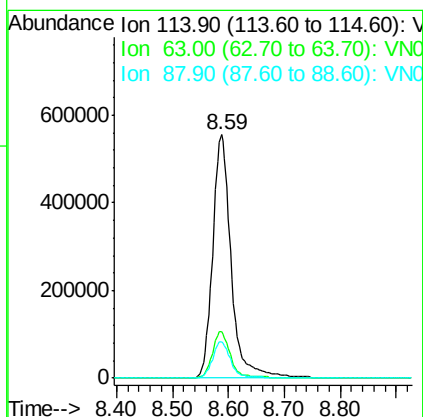
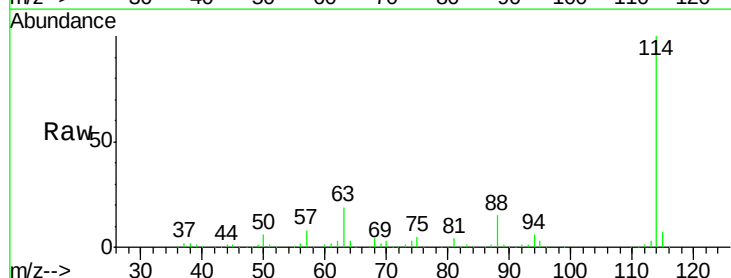
#33
 1,2-Dichloroethane-d4
 Concen: 53.077 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053650.D
 Acq: 7 Feb 2019 12:46

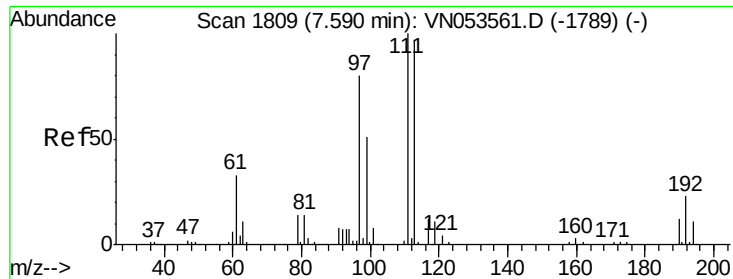
Tot Ion: 65 Resp: 411131
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053650.D
 Acq: 7 Feb 2019 12:46

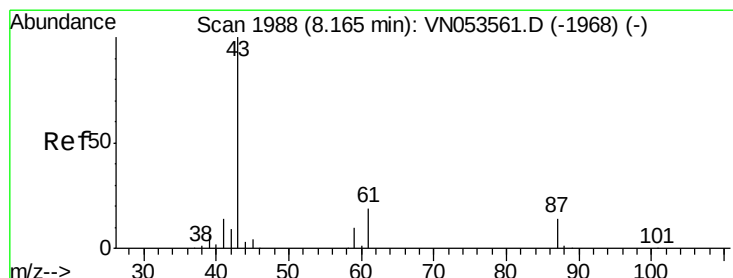
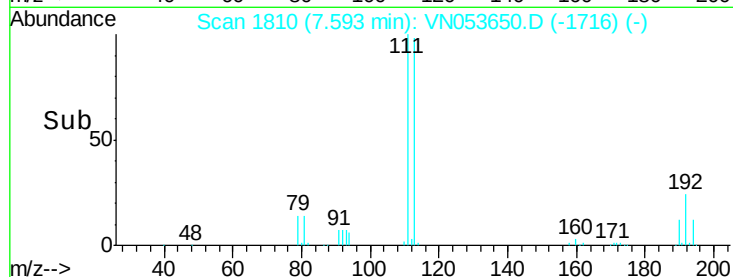
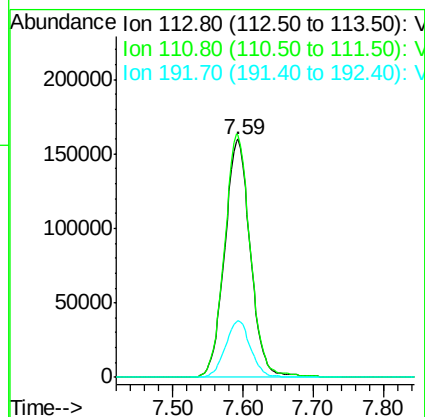
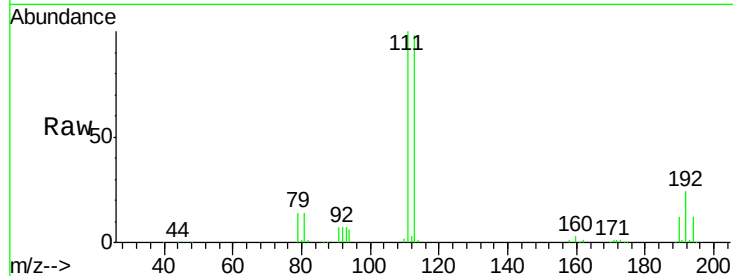
Tgt Ion: 114 Resp: 1280277
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.1 0.0 30.4





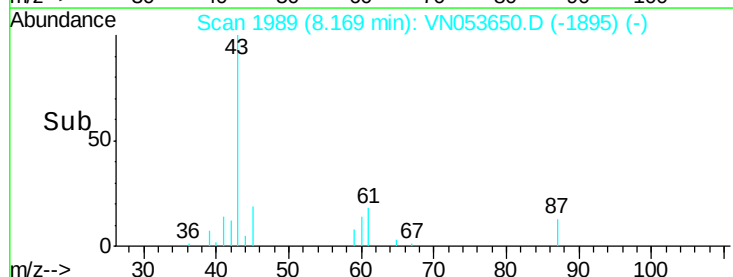
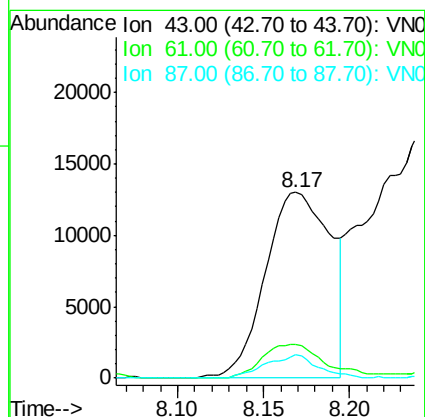
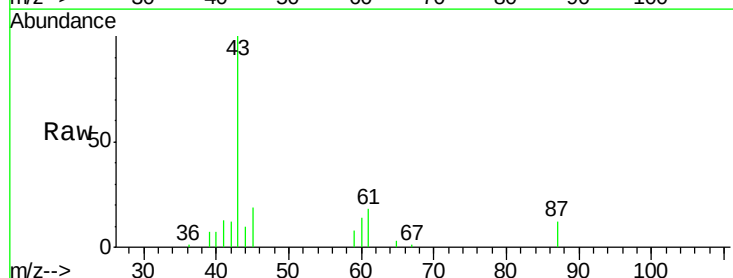
#35
 Dibromofluoromethane
 Concen: 50.411 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053650.D
 Acq: 7 Feb 2019 12:46

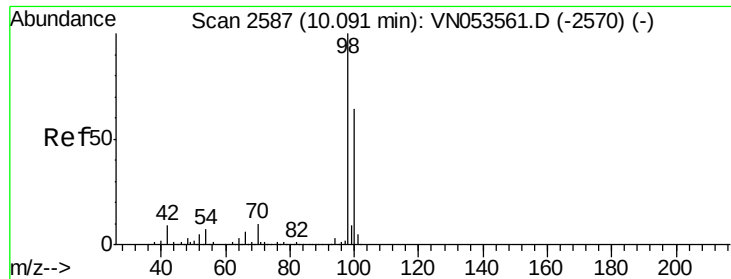
Tot Ion:113 Resp: 407806
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.1 121.7
 192 23.3 18.2 27.2



#43
 Isopropyl Acetate
 Concen: 2.753 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN053650.D
 Acq: 7 Feb 2019 12:46

Tgt Ion: 43 Resp: 34263
 Ion Ratio Lower Upper
 43 100
 61 17.9 23.9 35.9#
 87 10.1 11.0 16.6#





#50

Toluene-d8

Concen: 50.583 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053650.D

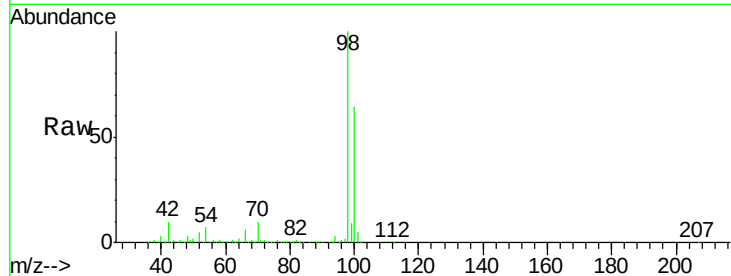
Acq: 7 Feb 2019 12:46

Tot Ion: 98 Resp: 1536458

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053650.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053650.D (-2494) (-)

10.09

800000

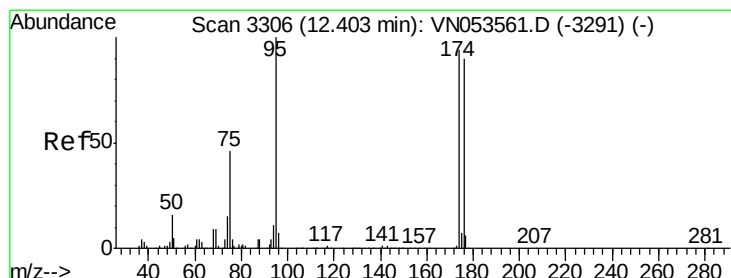
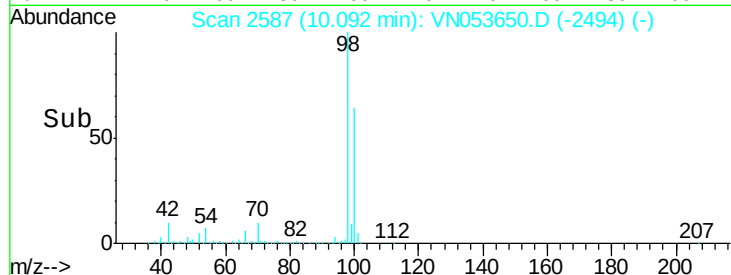
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.065 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053650.D

Acq: 7 Feb 2019 12:46

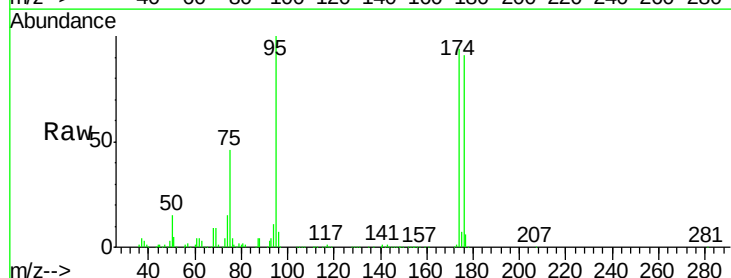
Tgt Ion: 95 Resp: 507190

Ion Ratio Lower Upper

95 100

174 93.5 0.0 183.2

176 90.5 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053650.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053650.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053650.D (-3213) (-)

12.40

400000

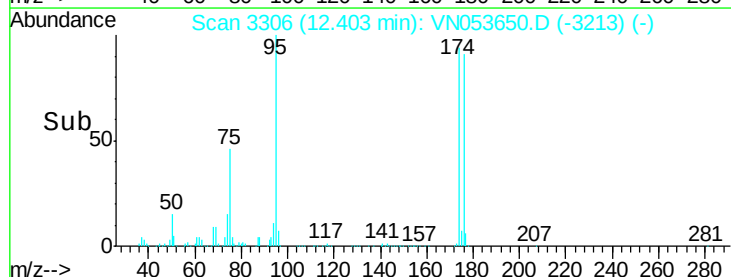
300000

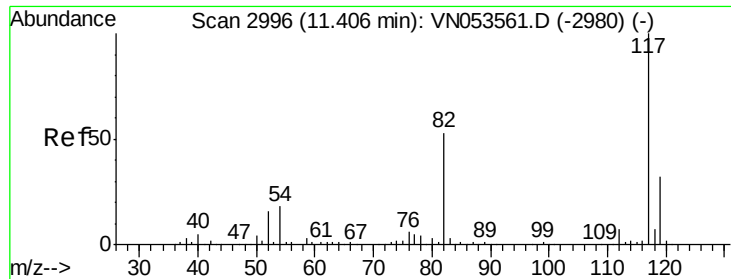
200000

100000

0

Time-->

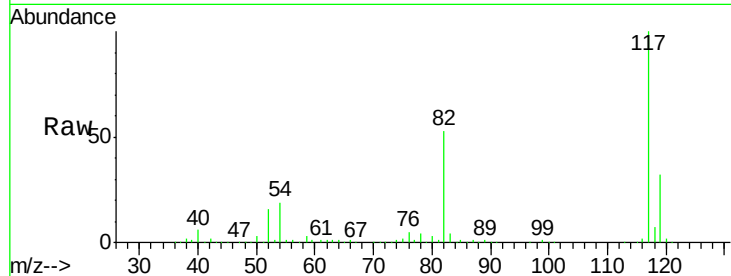




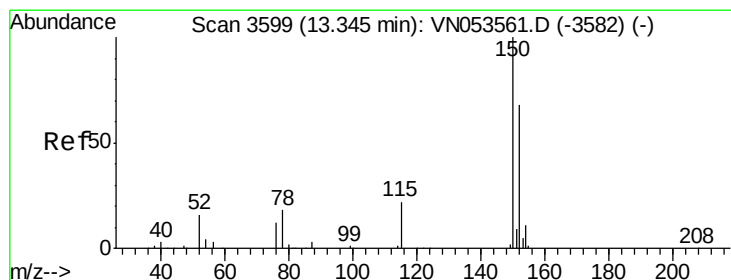
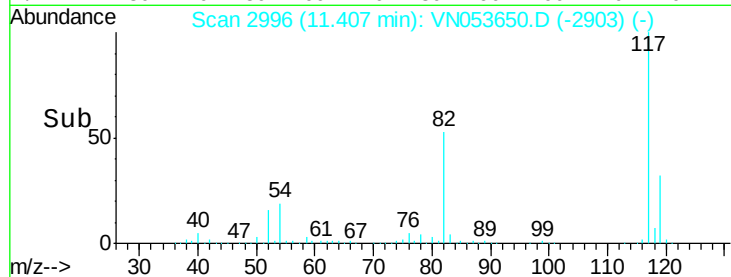
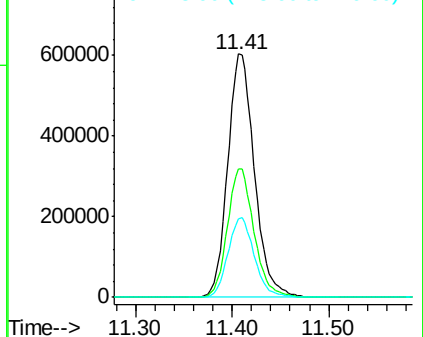
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053650.D
Acq: 7 Feb 2019 12:46

Tot Ion:117 Resp: 1155562

Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.9	64.3
119	32.2	26.0	39.0



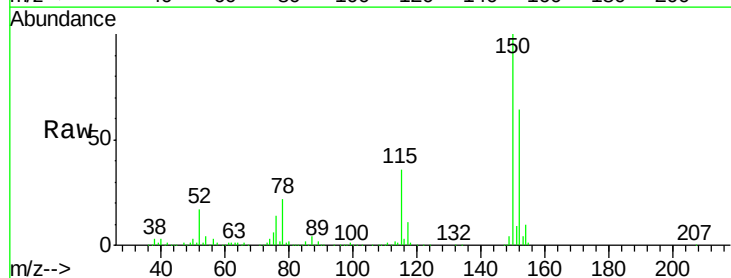
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053650.D
Acq: 7 Feb 2019 12:46

Tgt Ion:152 Resp: 479193

Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.8	83.4
150	156.2	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

