

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053361.D
 Acq On : 11 Jan 2019 12:56
 Operator : JC/SP
 Sample : PB116316ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

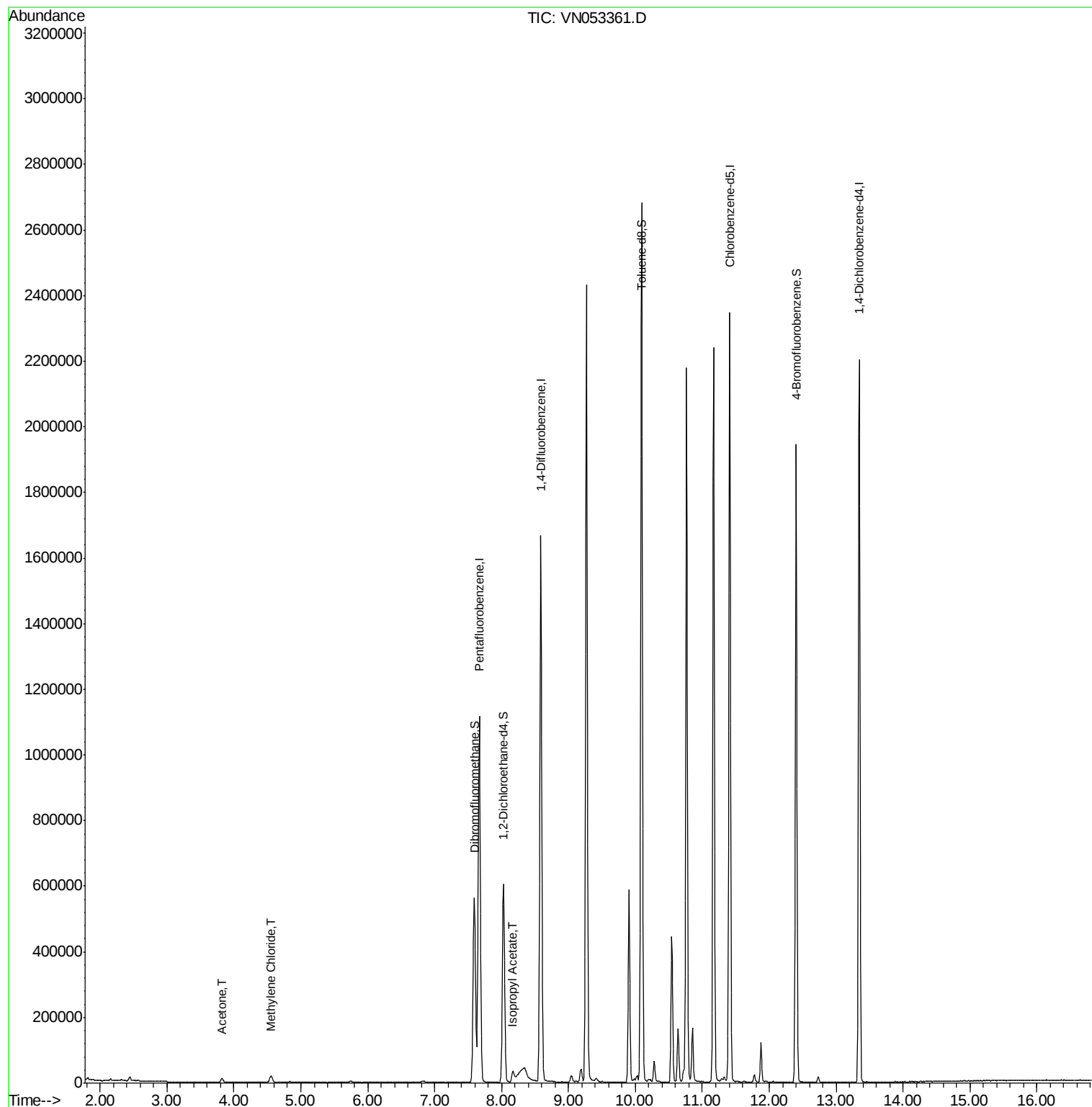
Quant Time: Jan 12 01:20:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

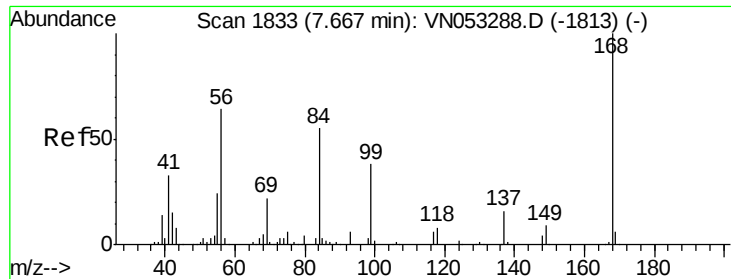
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	984634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1538815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1453864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	637652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	502349	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
35) Dibromofluoromethane	7.59	113	438361	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.09	98	1909447	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	669999	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
Target Compounds						
16) Acetone	3.82	43	21964	6.734	ug/l	99
20) Methylene Chloride	4.56	84	15338	1.394	ug/l	93
43) Isopropyl Acetate	8.17	43	47347	2.572	ug/l #	83

(#) = 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: VN053361.D

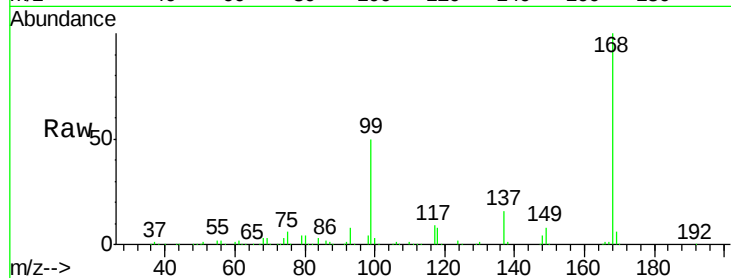
Acq: 11 Jan 2019 12:56

Tot Ion:168 Resp: 984634

Ion Ratio Lower Upper

168 100

99 49.6 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

400000

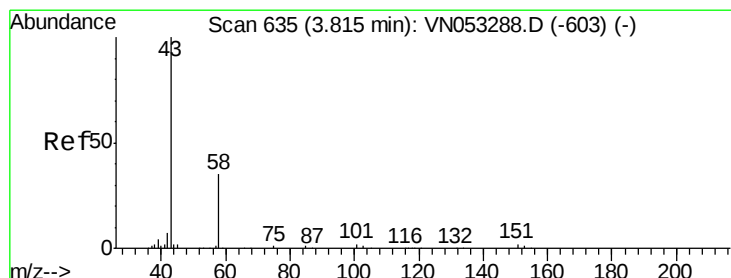
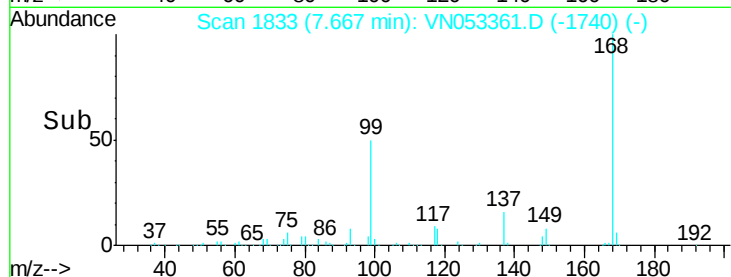
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.734 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053361.D

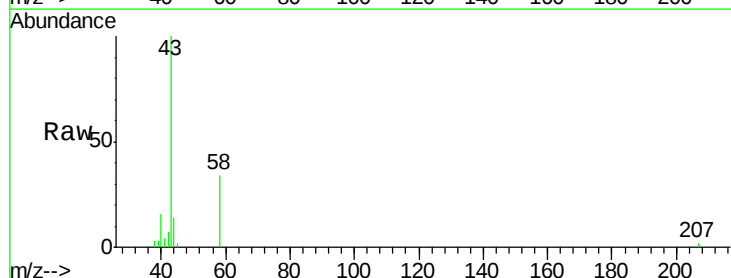
Acq: 11 Jan 2019 12:56

Tgt Ion: 43 Resp: 21964

Ion Ratio Lower Upper

43 100

58 34.1 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

8000

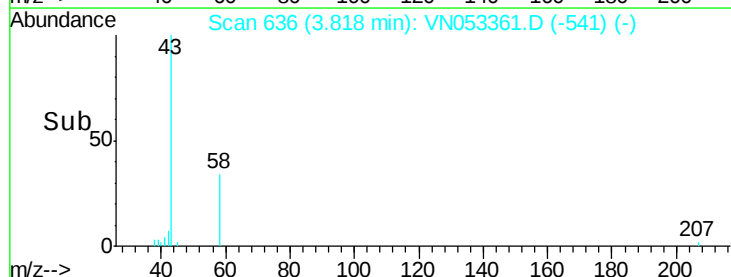
6000

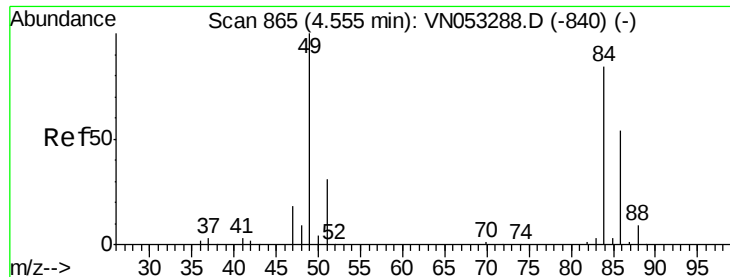
4000

2000

0

Time-->

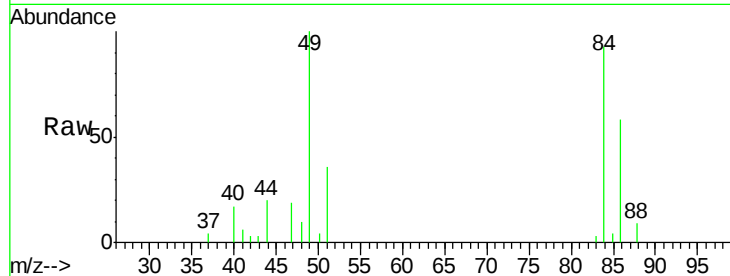




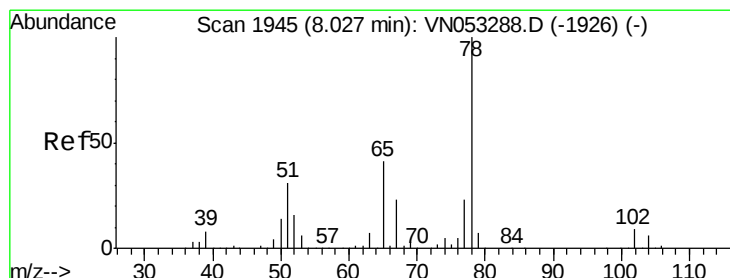
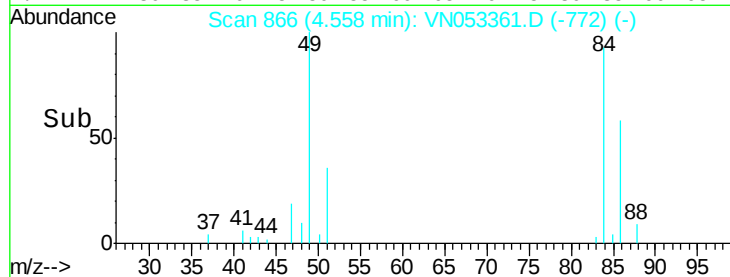
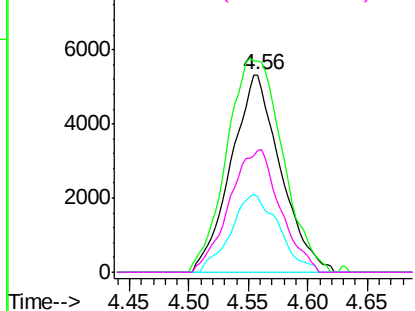
#20
Methvlene Chloride
Concen: 1.394 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053361.D
Acq: 11 Jan 2019 12:56

Tot Ion: 84 Resp: 15338

Ion	Ratio	Lower	Upper
84	100		
49	107.0	95.3	142.9
51	38.0	29.0	43.6
86	61.6	51.7	77.5



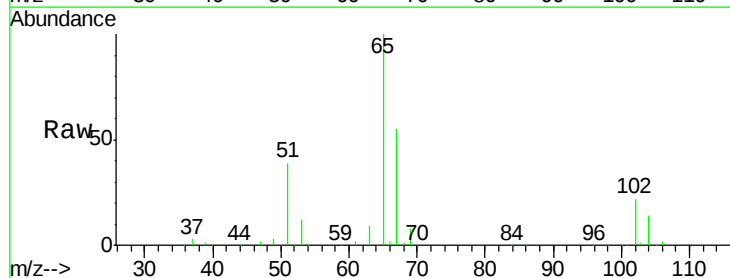
Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0



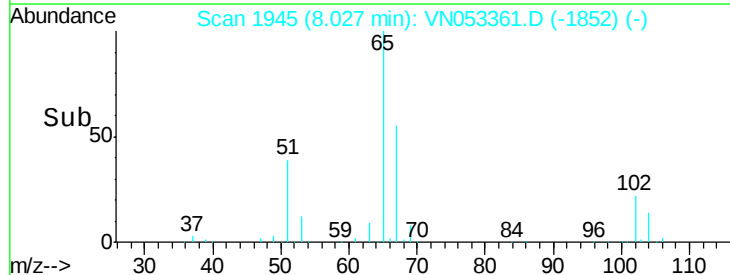
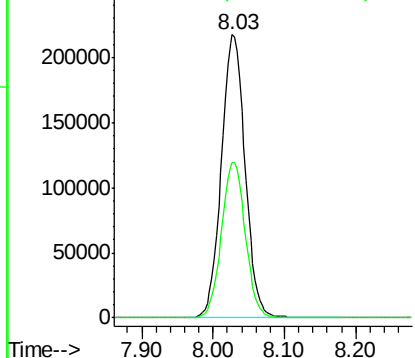
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053361.D
Acq: 11 Jan 2019 12:56

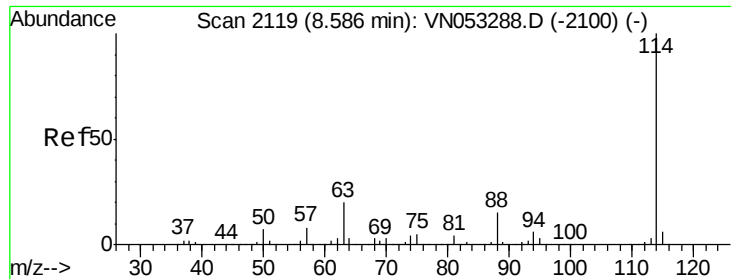
Tgt Ion: 65 Resp: 502349

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	111.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

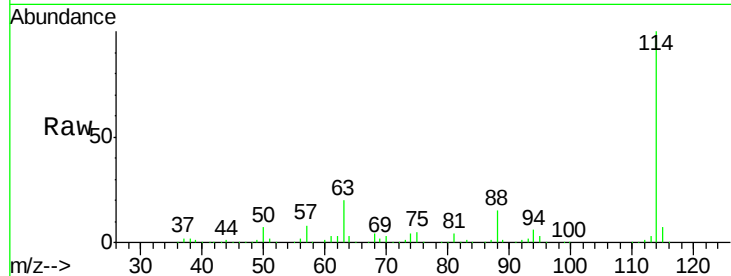




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053361.D
 Acq: 11 Jan 2019 12:56

Tot Ion:114 Resp: 1538815

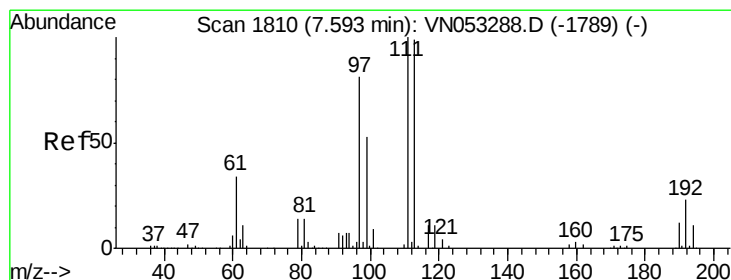
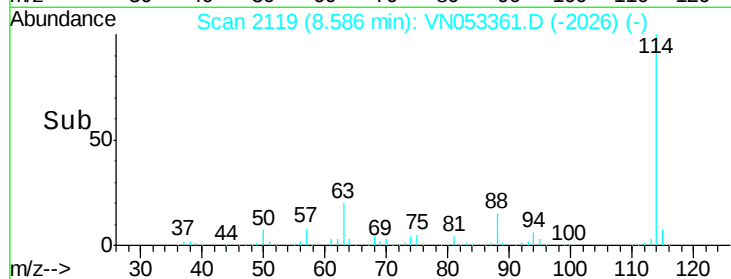
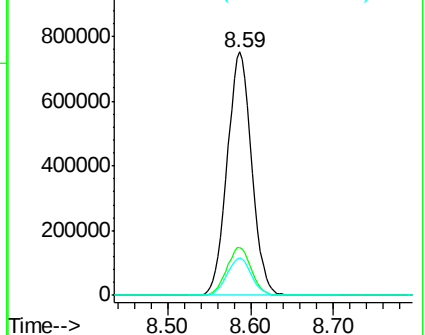
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.0
88	15.3	0.0	30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

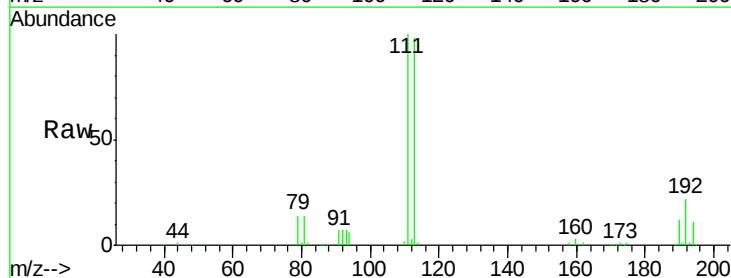
Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053361.D
 Acq: 11 Jan 2019 12:56

Tgt Ion:113 Resp: 438361

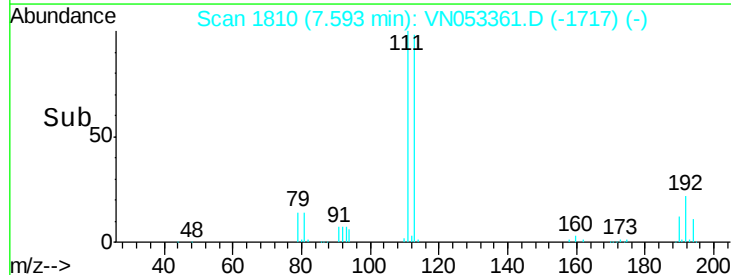
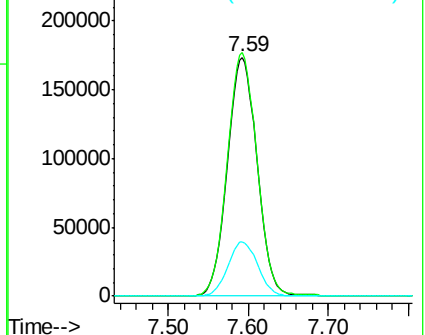
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.2
192	22.7	17.9	26.9

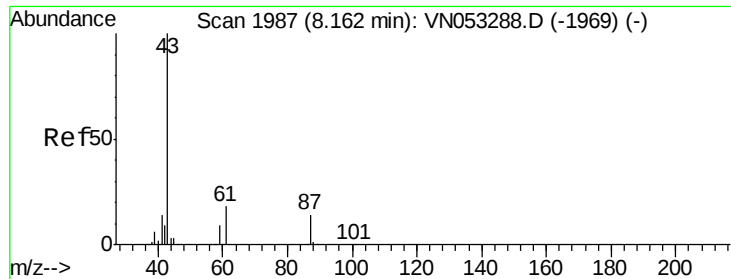


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.572 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053361.D

Acq: 11 Jan 2019 12:56

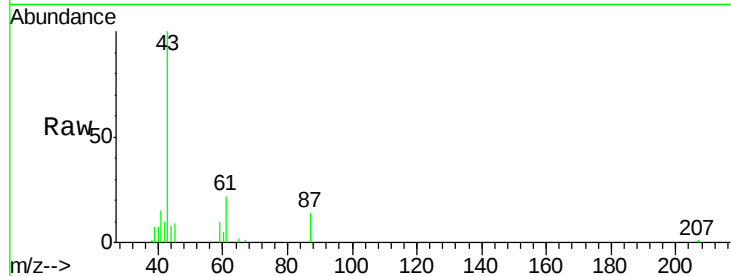
Tot Ion: 43 Resp: 47347

Ion Ratio Lower Upper

43 100

61 17.7 23.3 34.9#

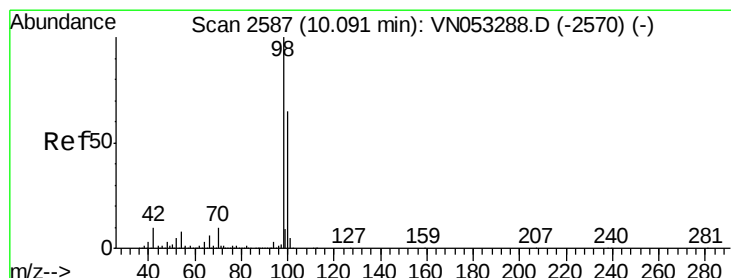
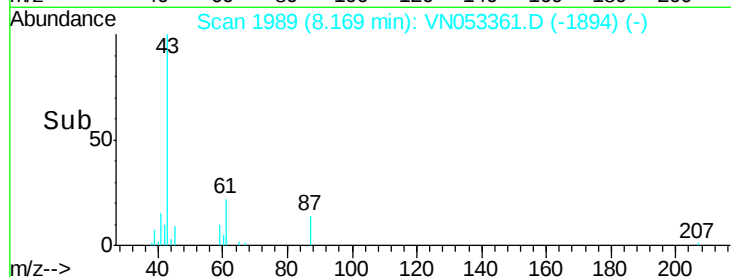
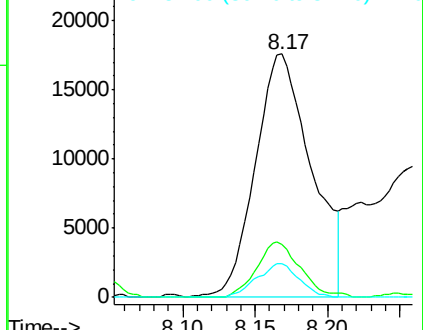
87 10.4 10.8 16.2#



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN053288.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN053288.D (-1969) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053361.D

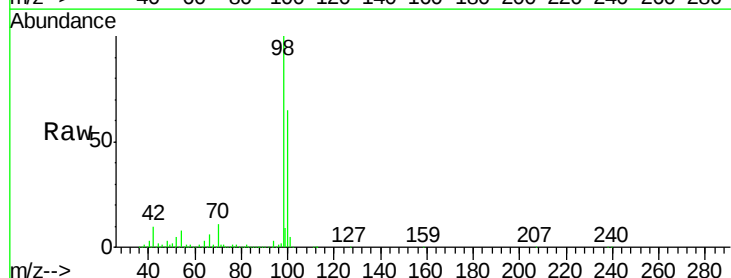
Acq: 11 Jan 2019 12:56

Tgt Ion: 98 Resp: 1909447

Ion Ratio Lower Upper

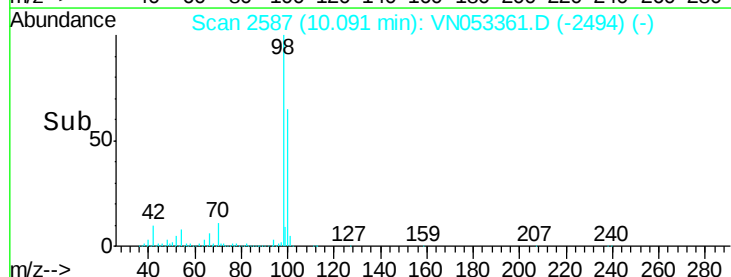
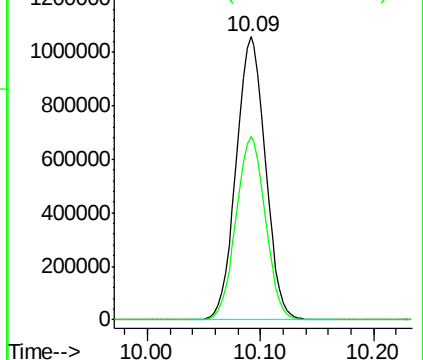
98 100

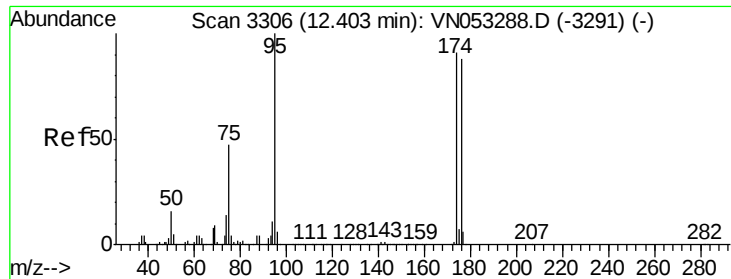
100 64.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053288.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053288.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053361.D

Acq: 11 Jan 2019 12:56

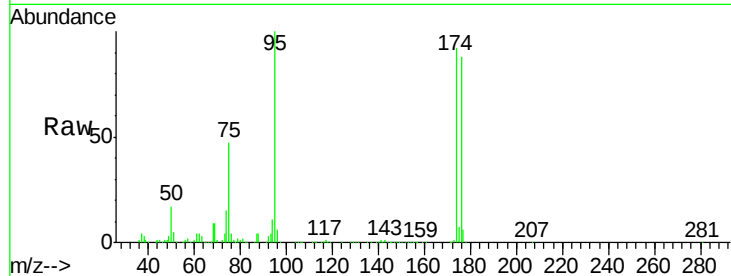
Tot Ion: 95 Resp: 669999

Ion Ratio Lower Upper

95 100

174 90.2 0.0 180.4

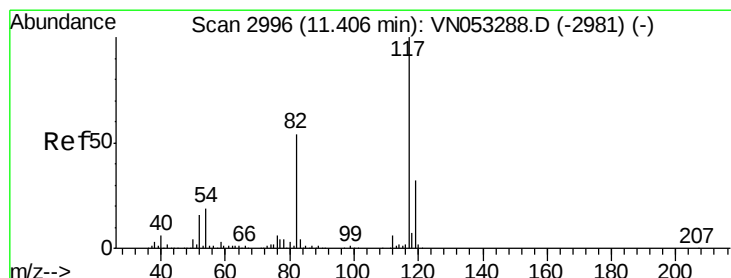
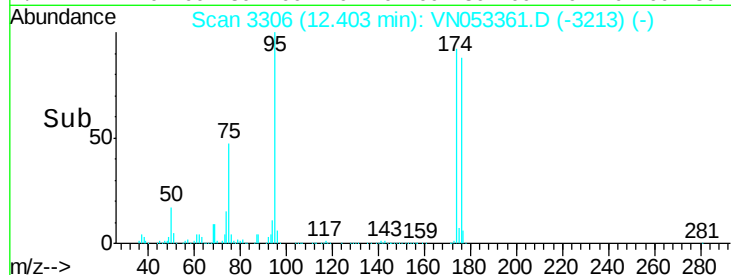
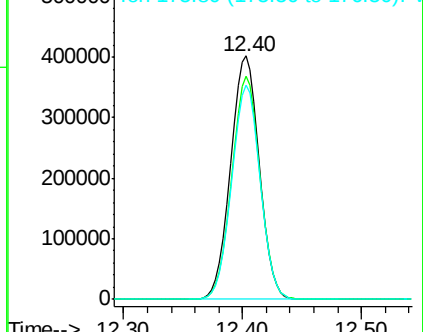
176 87.5 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN053288.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053288.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053288.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053361.D

Acq: 11 Jan 2019 12:56

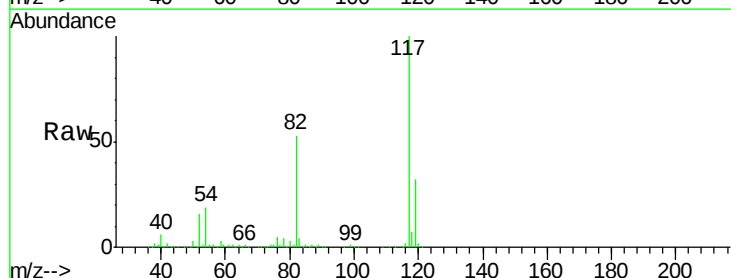
Tgt Ion: 117 Resp: 1453864

Ion Ratio Lower Upper

117 100

82 53.1 42.9 64.3

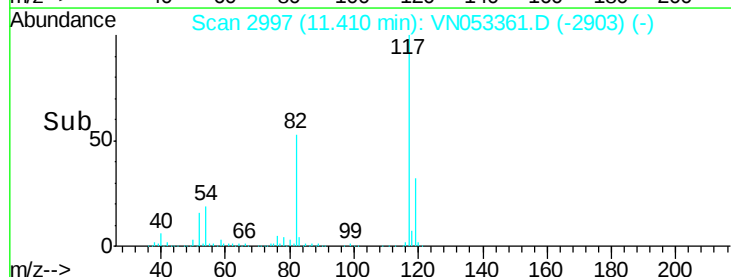
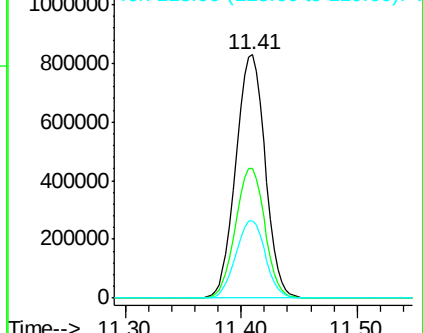
119 31.9 25.6 38.4

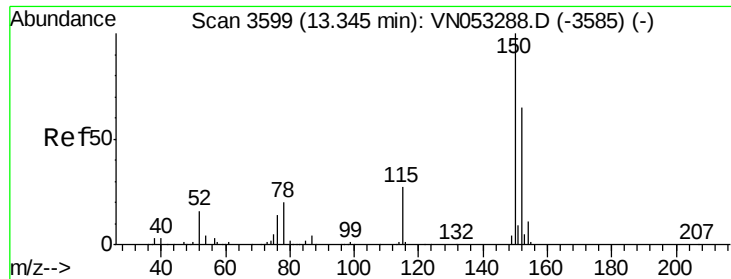


Abundance Ion 116.90 (116.60 to 117.60): VN053288.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053288.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN053288.D (-2981) (-)

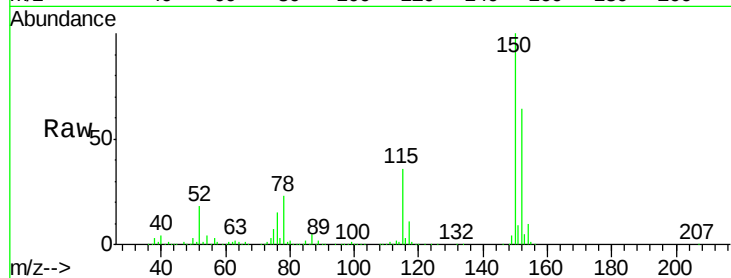




#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053361.D
 Acq: 11 Jan 2019 12:56

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.0	84.0
150	156.4	0.0	346.6



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

