

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053358.D
 Acq On : 11 Jan 2019 11:35
 Operator : MD\SY
 Sample : PB116316ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

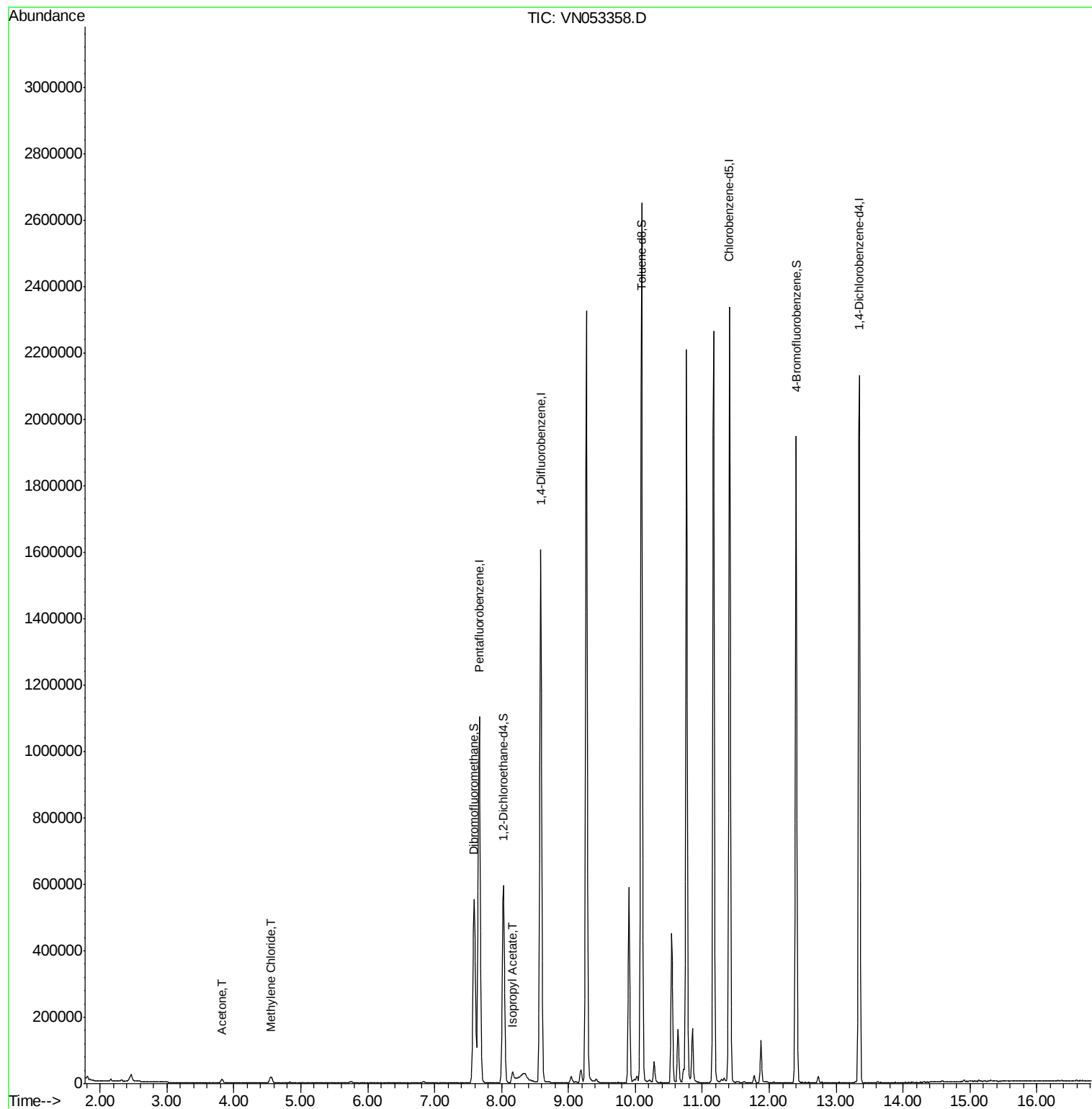
Quant Time: Jan 12 01:09:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

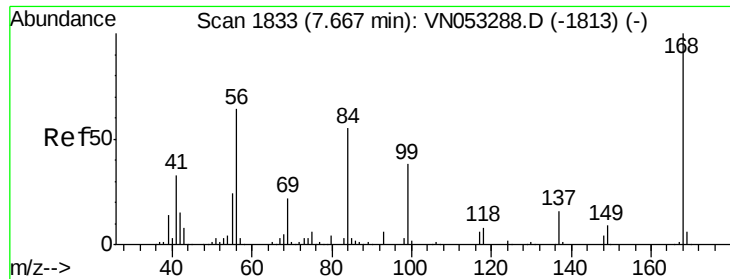
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	976337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1511192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1433407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	616836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	495783	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
35) Dibromofluoromethane	7.59	113	431354	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	10.09	98	1898238	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.40	95	661581	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
Target Compounds						
16) Acetone	3.82	43	19378	5.743	ug/l	95
20) Methylene Chloride	4.56	84	15123	1.386	ug/l	91
43) Isopropyl Acetate	8.17	43	42385	2.345	ug/l #	84

(#) = 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: VN053358.D

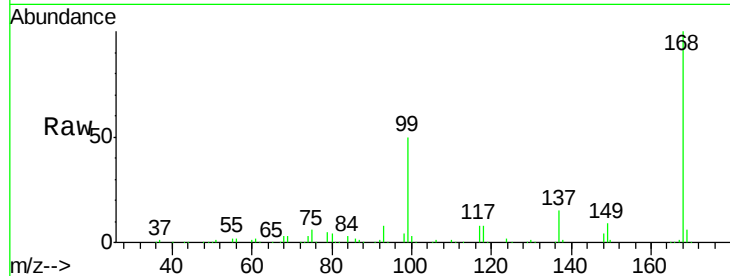
Acq: 11 Jan 2019 11:35

Tot Ion:168 Resp: 976337

Ion Ratio Lower Upper

168 100

99 49.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053288.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053288.D (-1813) (-)

7.67

400000

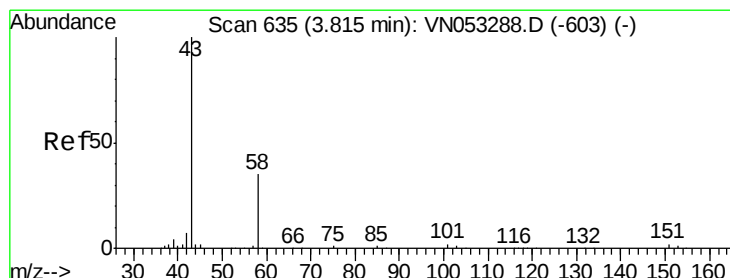
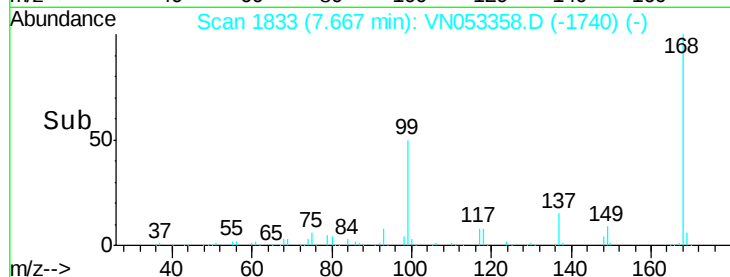
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.743 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053358.D

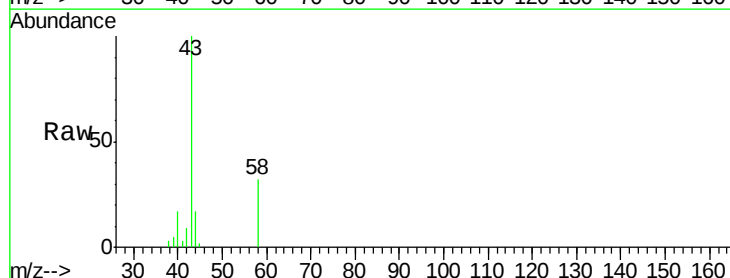
Acq: 11 Jan 2019 11:35

Tgt Ion: 43 Resp: 19378

Ion Ratio Lower Upper

43 100

58 32.0 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN053288.D (-603) (-)

3.82

8000

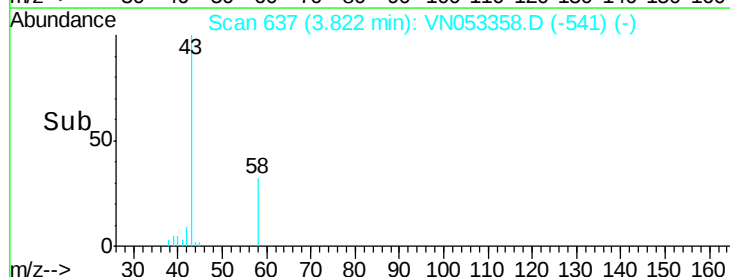
6000

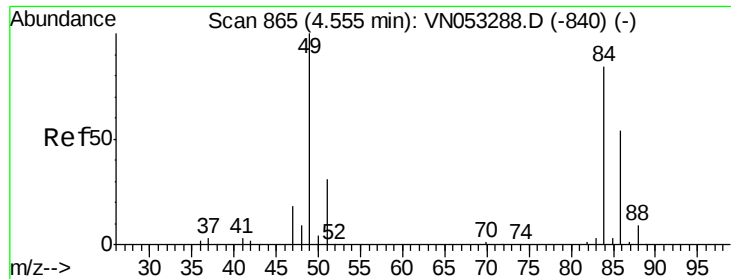
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 1.386 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN053358.D

Acq: 11 Jan 2019 11:35

Tot Ion: 84 Resp: 15123

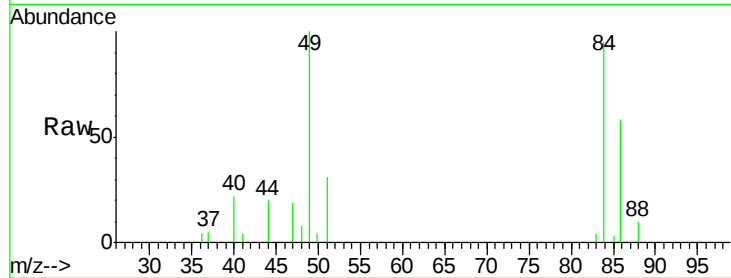
Ion Ratio Lower Upper

84 100

49 105.2 95.3 142.9

51 32.7 29.0 43.6

86 60.9 51.7 77.5



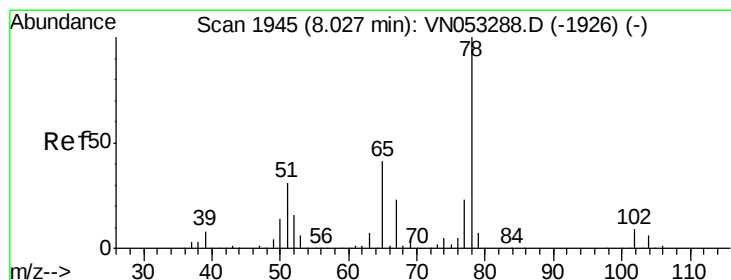
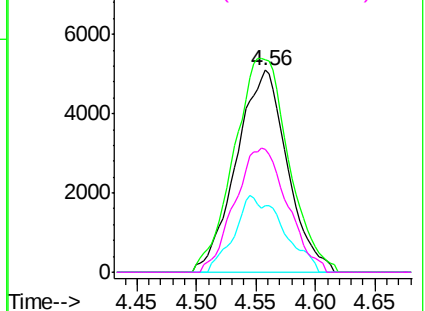
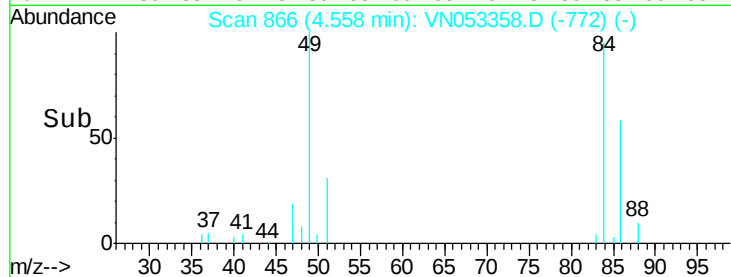
Abundance

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: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053358.D

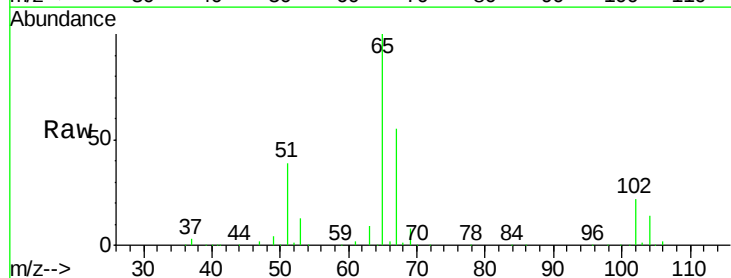
Acq: 11 Jan 2019 11:35

Tgt Ion: 65 Resp: 495783

Ion Ratio Lower Upper

65 100

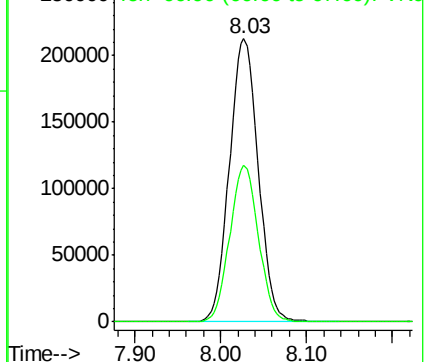
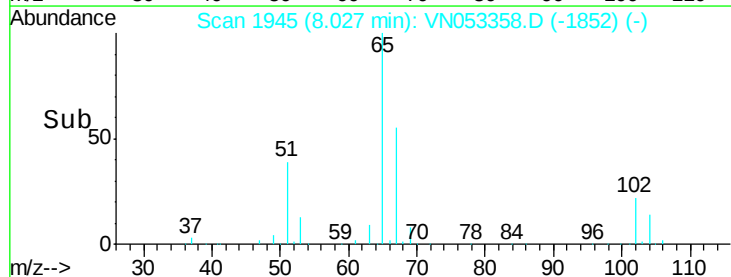
67 55.1 0.0 111.0

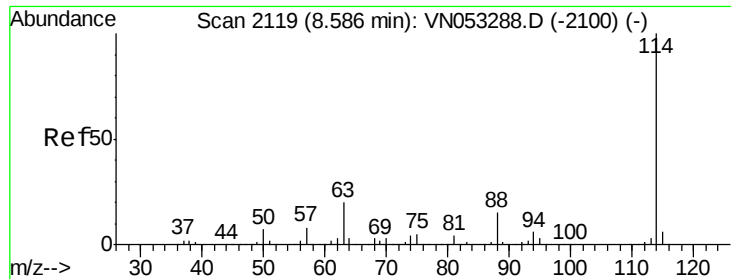


Abundance

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: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN053358.D

Acq: 11 Jan 2019 11:35

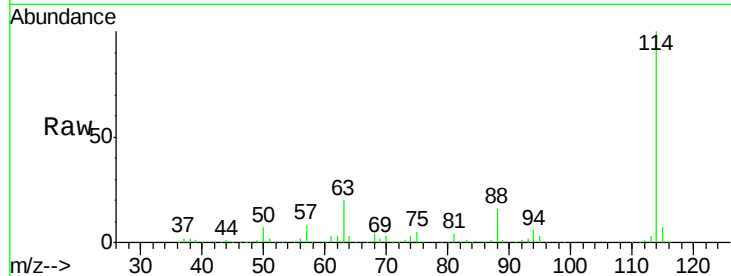
Tot Ion:114 Resp: 1511192

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

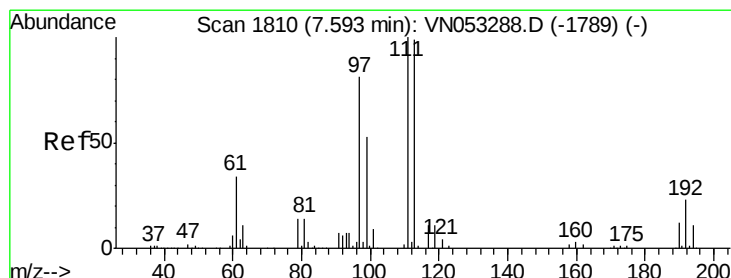
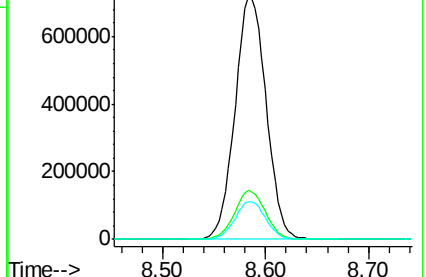
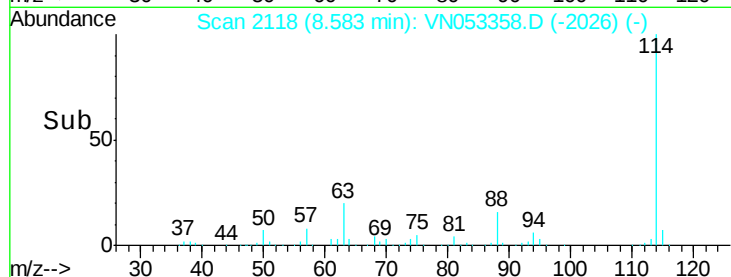
88 15.6 0.0 30.8



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# 1809

Delta R.T. -0.00 min

Lab File: VN053358.D

Acq: 11 Jan 2019 11:35

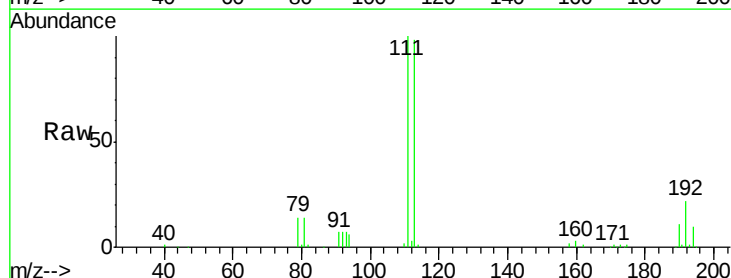
Tgt Ion:113 Resp: 431354

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.2

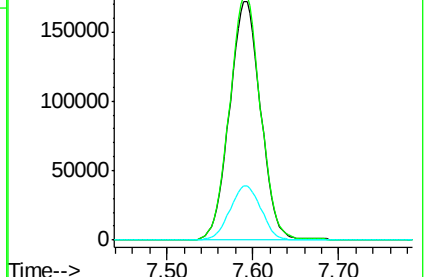
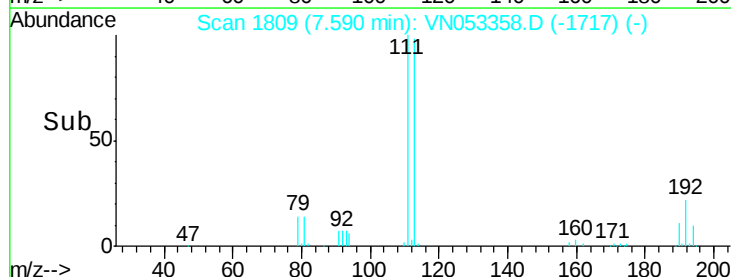
192 22.8 17.9 26.9

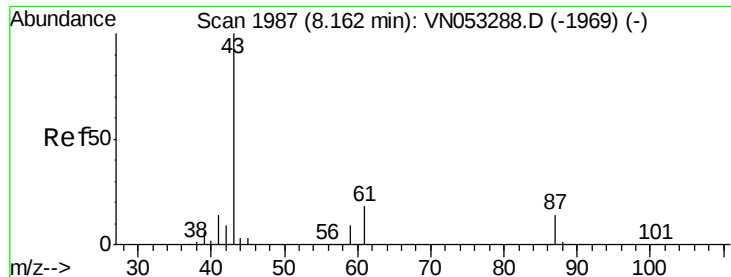


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

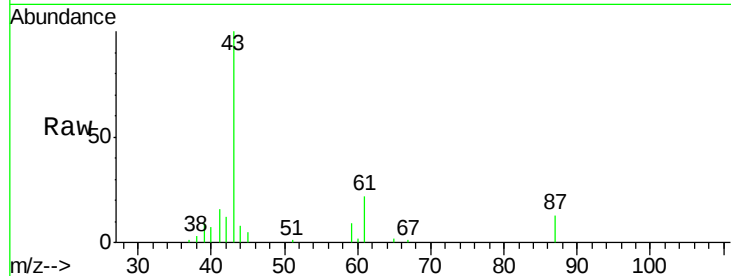




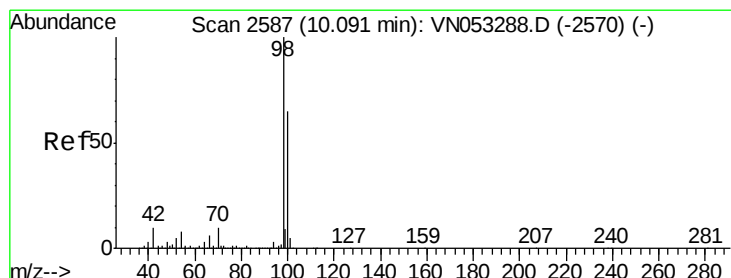
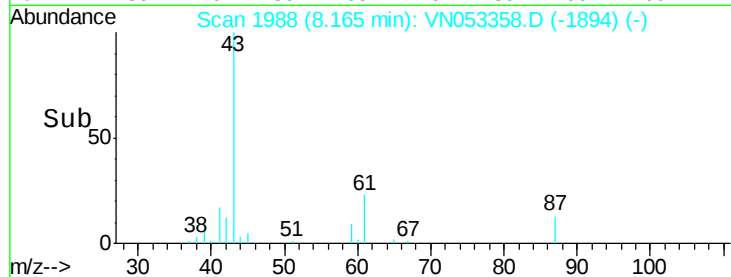
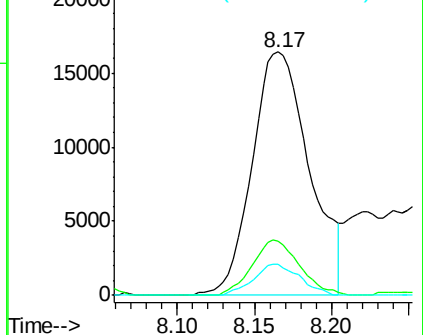
#43

Isopropyl Acetate
 Concen: 2.345 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN053358.D
 Acq: 11 Jan 2019 11:35

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	23.3	34.9#
87	10.3	10.8	16.2#



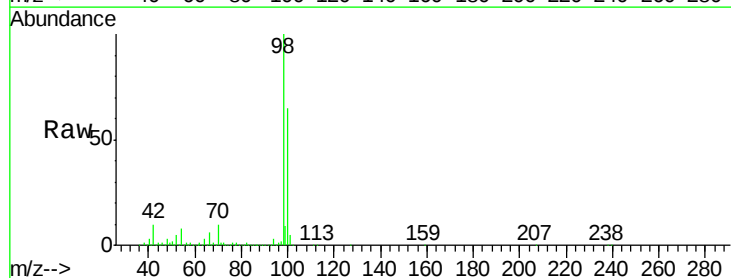
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



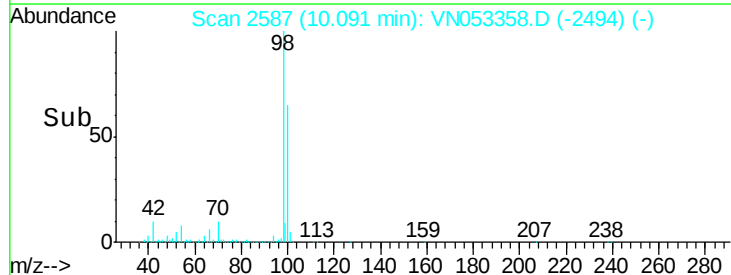
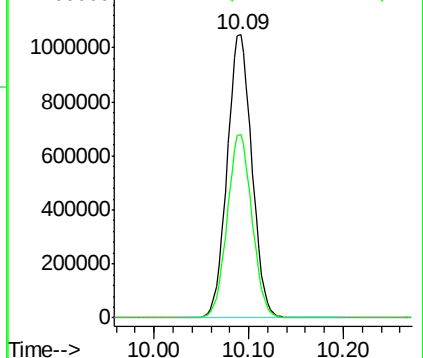
#50

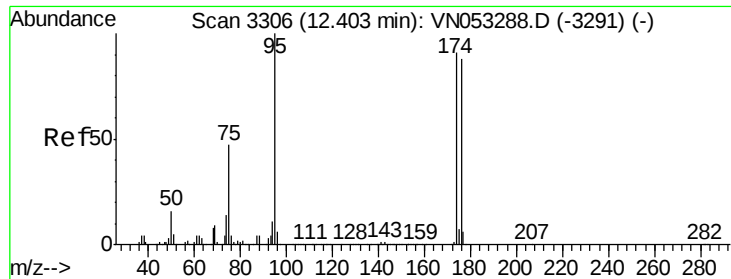
Toluene-d8
 Concen: N.D. ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN053358.D
 Acq: 11 Jan 2019 11:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.5	77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053358.D

Acq: 11 Jan 2019 11:35

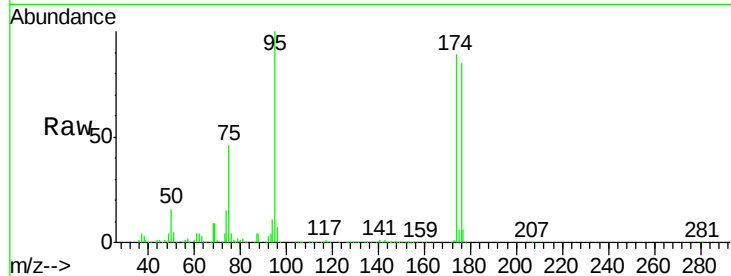
Tot Ion: 95 Resp: 661581

Ion Ratio Lower Upper

95 100

174 90.2 0.0 180.4

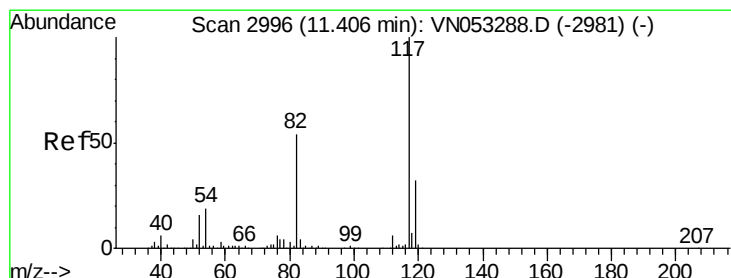
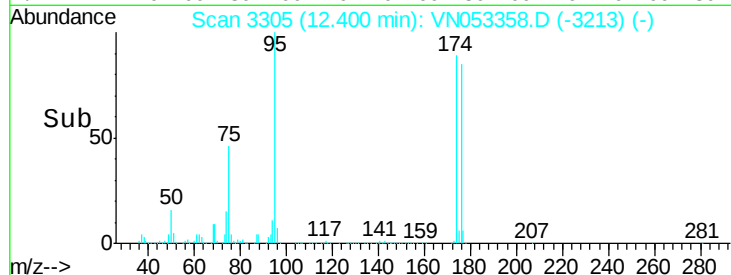
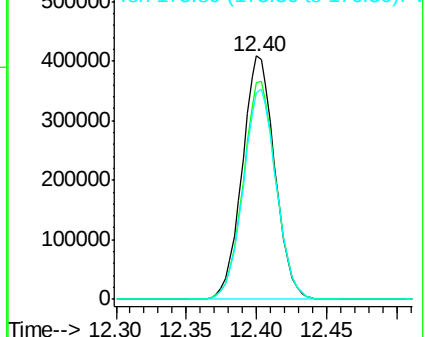
176 87.3 0.0 175.6



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# 2996

Delta R.T. 0.00 min

Lab File: VN053358.D

Acq: 11 Jan 2019 11:35

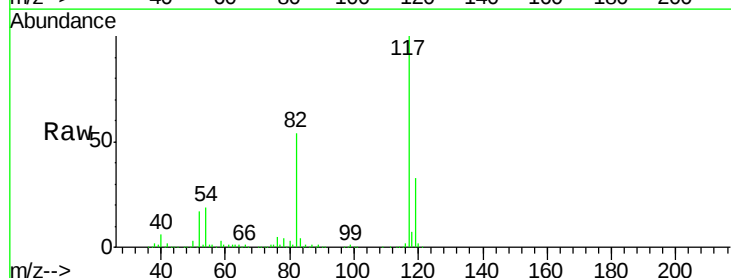
Tgt Ion: 117 Resp: 1433407

Ion Ratio Lower Upper

117 100

82 53.6 42.9 64.3

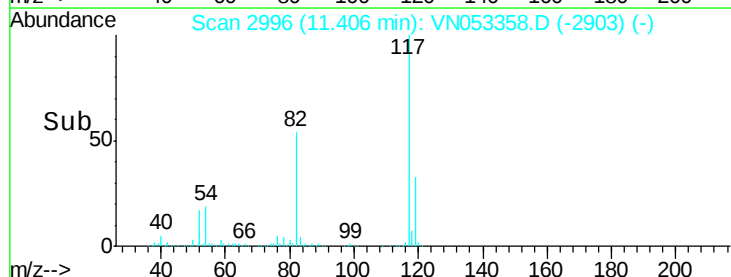
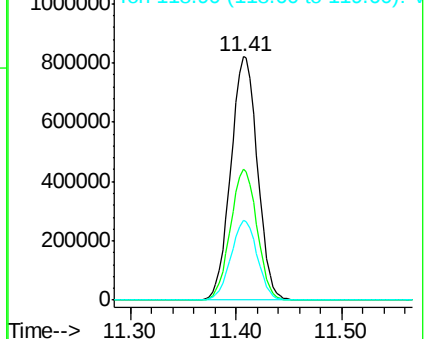
119 32.5 25.6 38.4

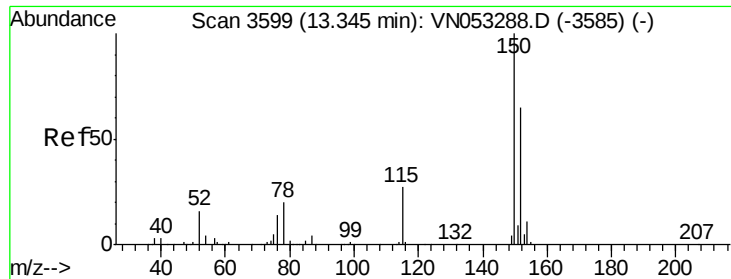


Abundance Ion 116.90 (116.60 to 117.60): VN053288.D (-2981) (-)

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: VN053358.D

Acq: 11 Jan 2019 11:35

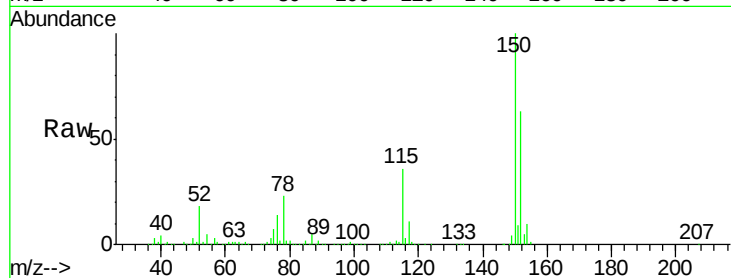
Tot Ion:152 Resp: 616836

Ion Ratio Lower Upper

152 100

115 56.4 28.0 84.0

150 156.8 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

