

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053357.D
 Acq On : 11 Jan 2019 11:08
 Operator : MD\SY
 Sample : PB116316TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

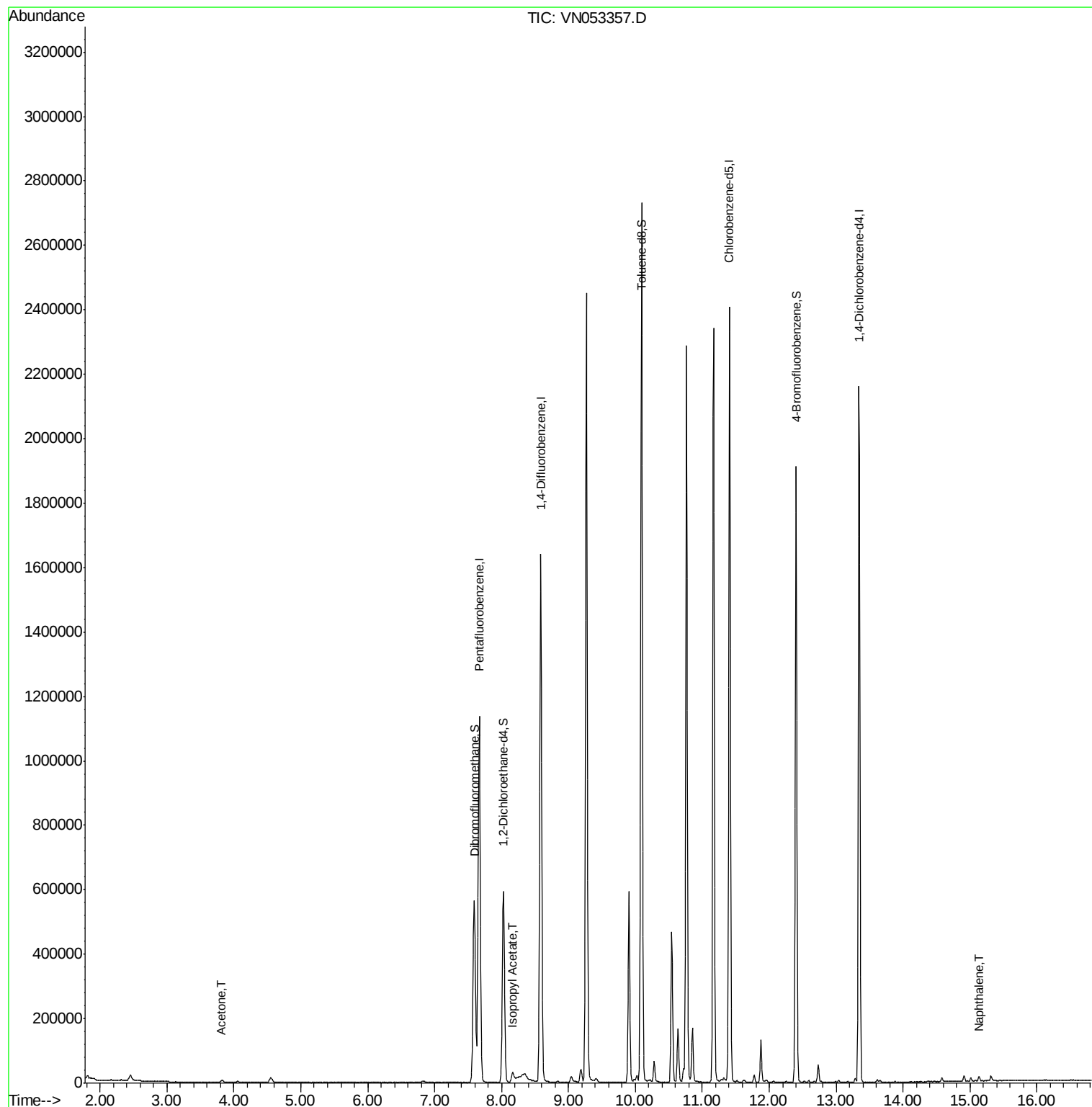
Quant Time: Jan 12 01:07:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

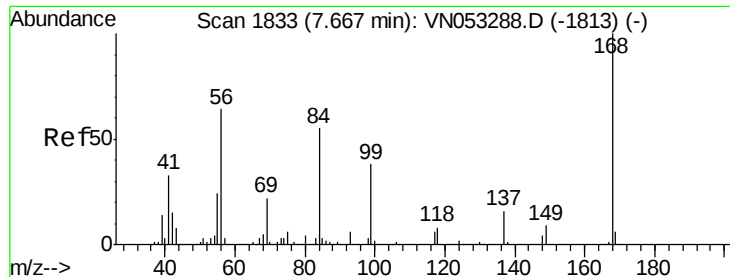
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1006953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1543048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1460130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	618631	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	491830	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
35) Dibromofluoromethane	7.59	113	441080	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
50) Toluene-d8	10.09	98	1946909	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.40	95	671272	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
Target Compounds						
16) Acetone	3.82	43	14494	3.545	ug/l	96
43) Isopropyl Acetate	8.16	43	45858	2.484	ug/l #	84
95) Naphthalene	15.13	128	13070	1.202	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053357.D

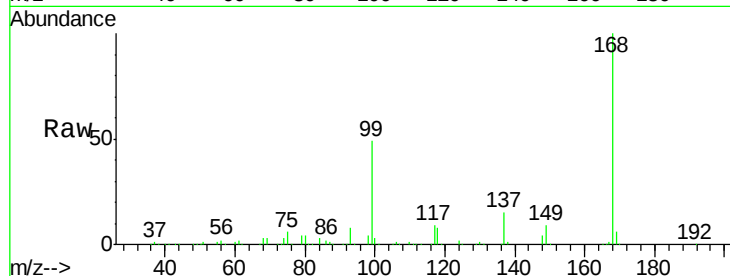
Acq: 11 Jan 2019 11:08

Tot Ion:168 Resp: 1006953

Ion Ratio Lower Upper

168 100

99 48.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053357.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053357.D (-1740) (-)

7.67

400000

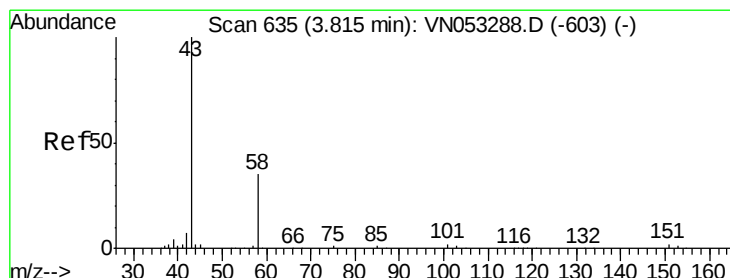
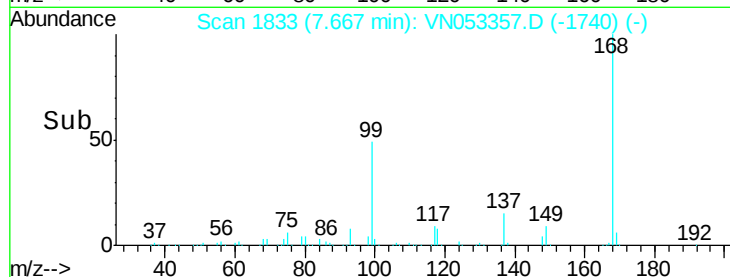
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.545 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053357.D

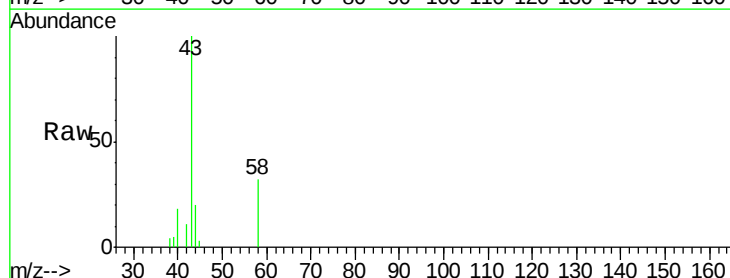
Acq: 11 Jan 2019 11:08

Tgt Ion: 43 Resp: 14494

Ion Ratio Lower Upper

43 100

58 32.2 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN053357.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053357.D (-541) (-)

3.82

5000

4000

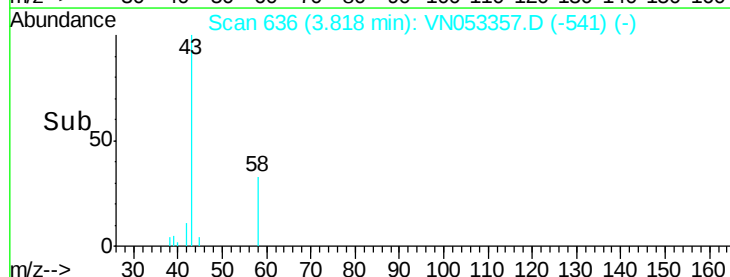
3000

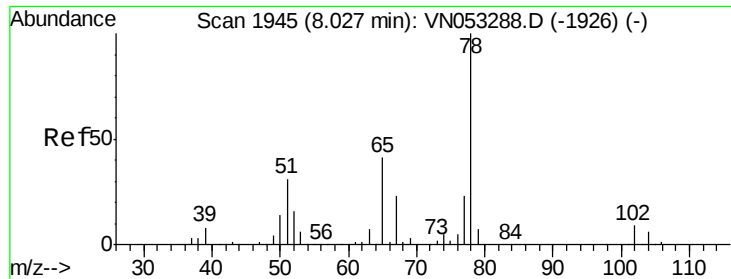
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053357.D

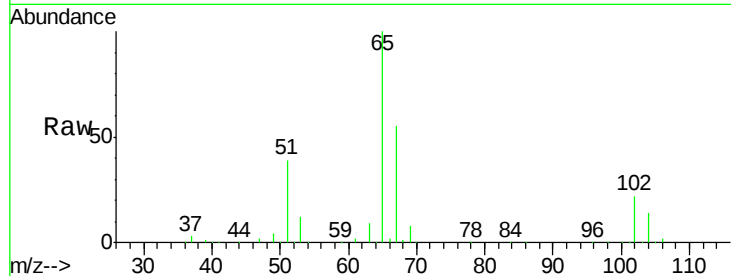
Acq: 11 Jan 2019 11:08

Tot Ion: 65 Resp: 491830

Ion Ratio Lower Upper

65 100

67 55.4 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN053357.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053357.D (-1852) (-)

8.03

250000

200000

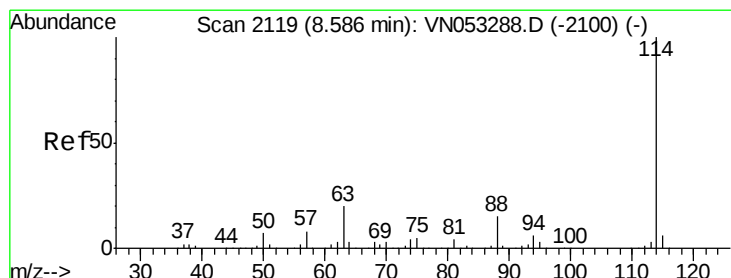
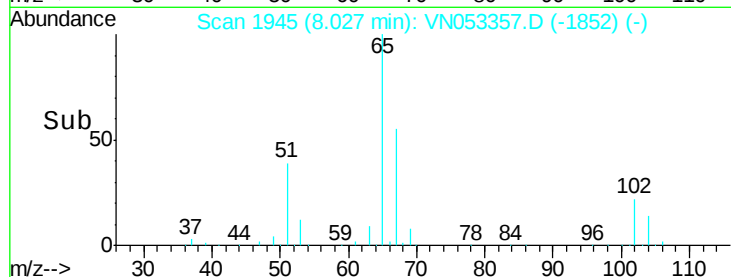
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053357.D

Acq: 11 Jan 2019 11:08

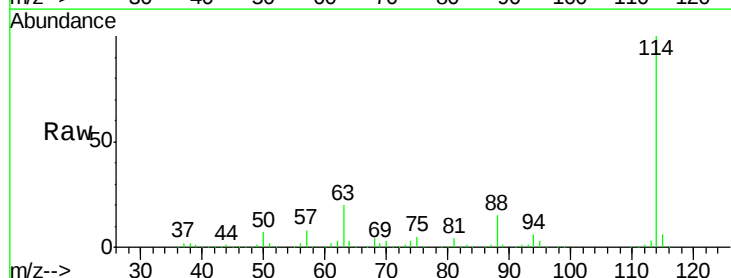
Tgt Ion: 114 Resp: 1543048

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

88 15.3 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN053357.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053357.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053357.D (-2026) (-)

8.59

1000000

800000

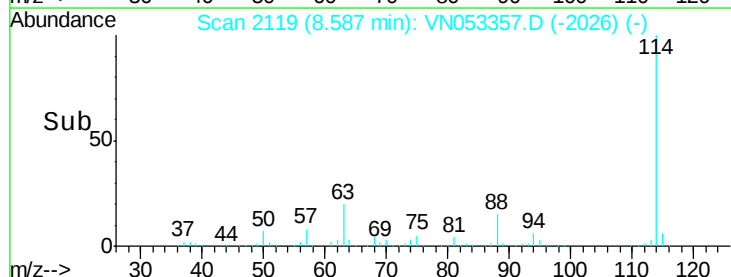
600000

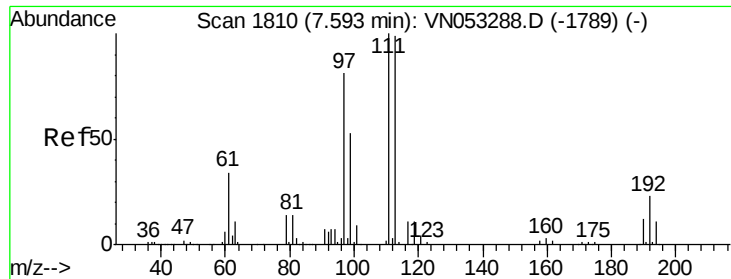
400000

200000

0

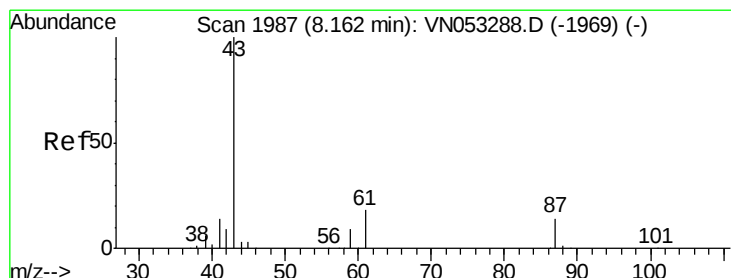
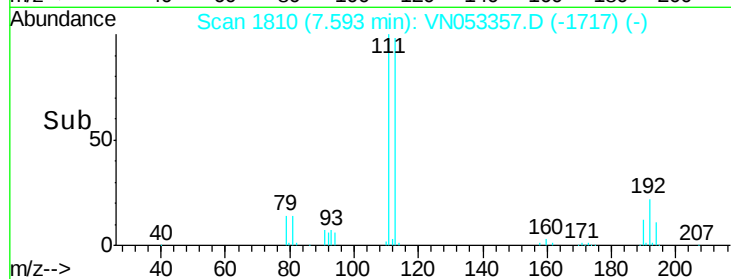
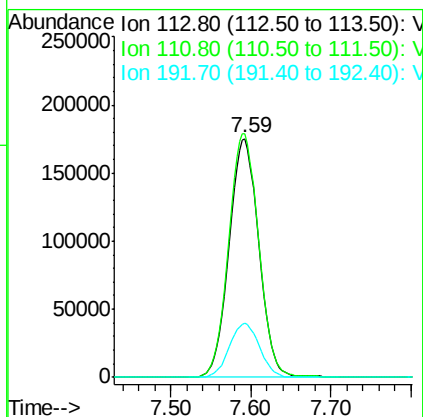
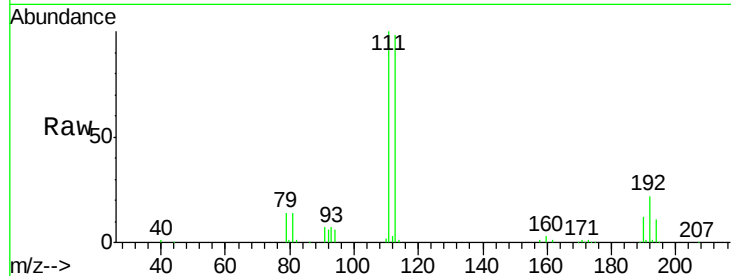
Time--> 8.50 8.60 8.70





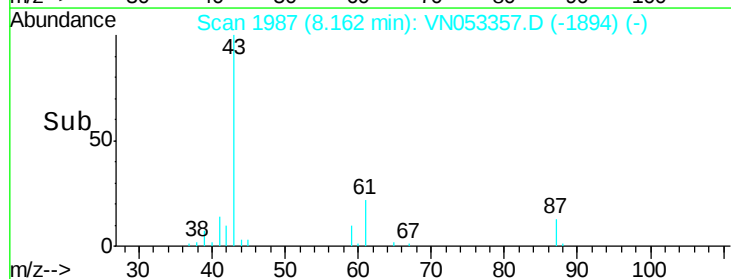
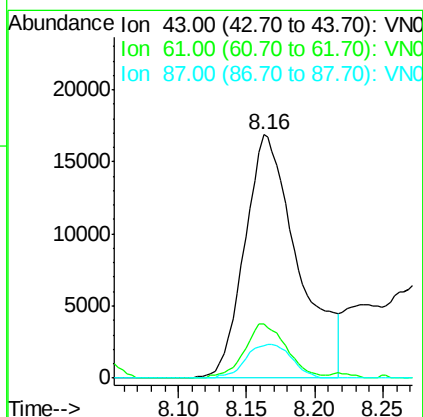
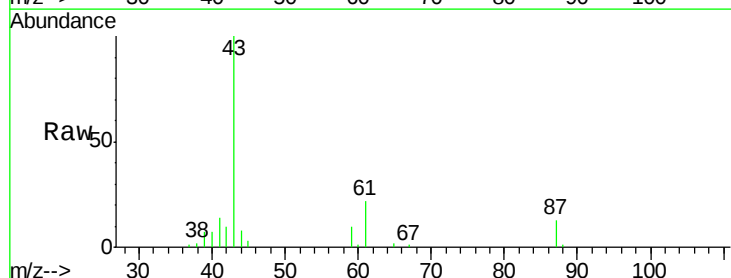
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053357.D
 Acq: 11 Jan 2019 11:08

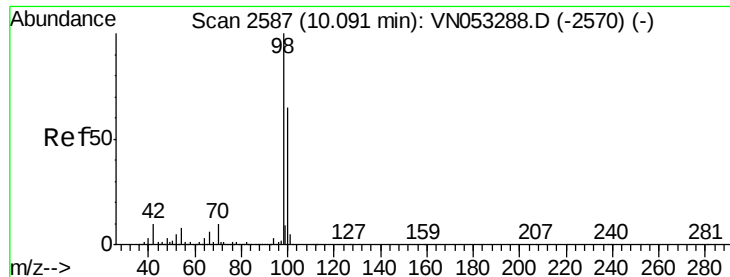
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.2
192	22.8	17.9	26.9



#43
 Isopropyl Acetate
 Concen: 2.484 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN053357.D
 Acq: 11 Jan 2019 11:08

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.6	23.3	34.9#
87	11.7	10.8	16.2





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053357.D

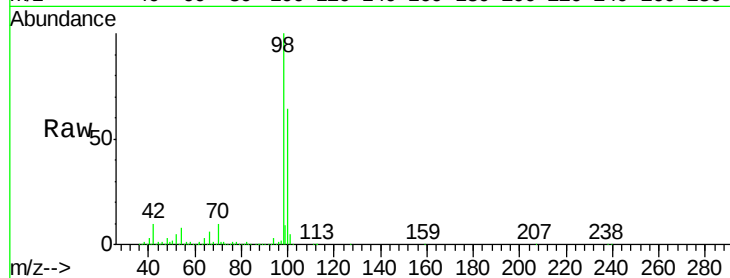
Acq: 11 Jan 2019 11:08

Tot Ion: 98 Resp: 1946909

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1200000

1000000

800000

600000

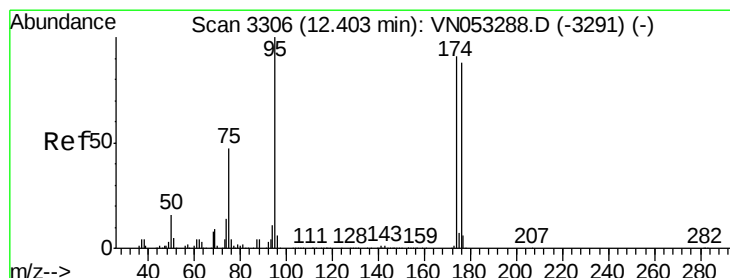
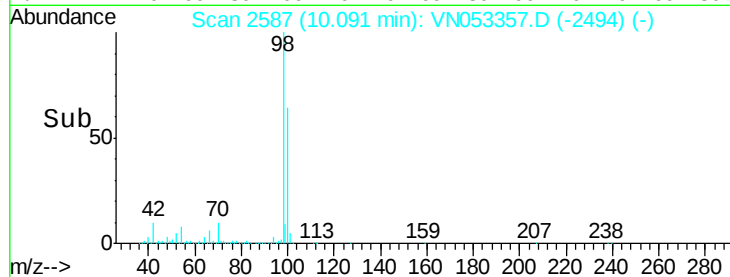
400000

200000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053357.D

Acq: 11 Jan 2019 11:08

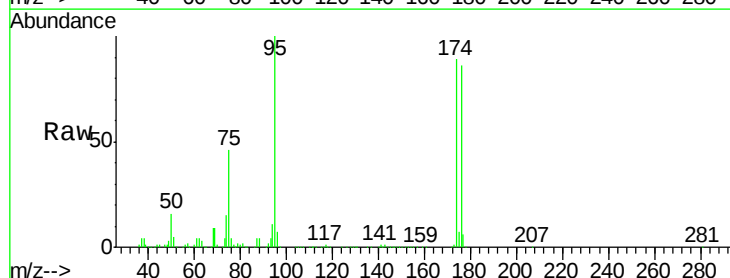
Tgt Ion: 95 Resp: 671272

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.4

176 87.2 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

500000

400000

300000

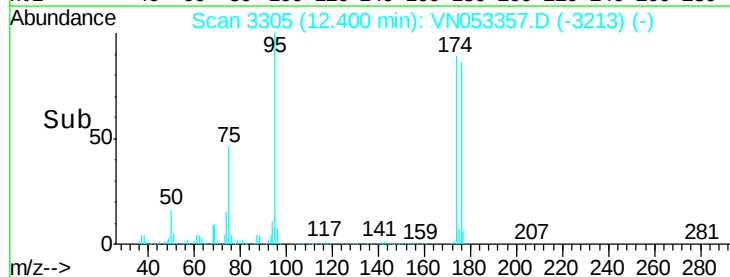
200000

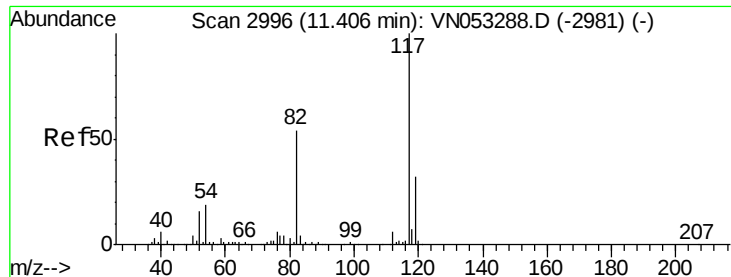
100000

0

12.35 12.40 12.45

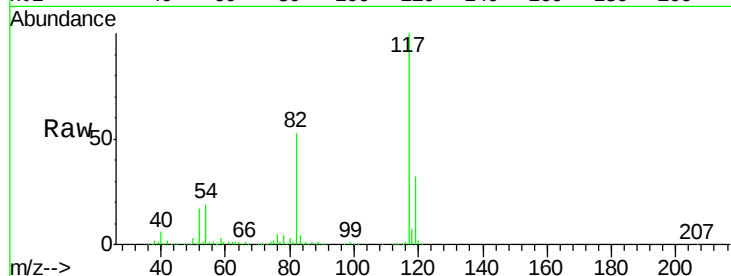
Time-->



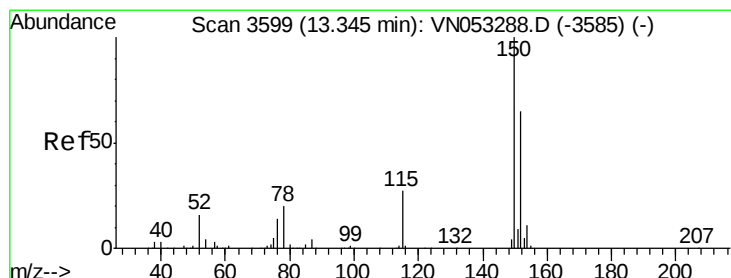
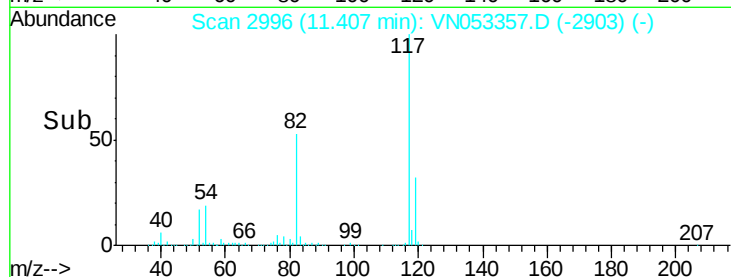
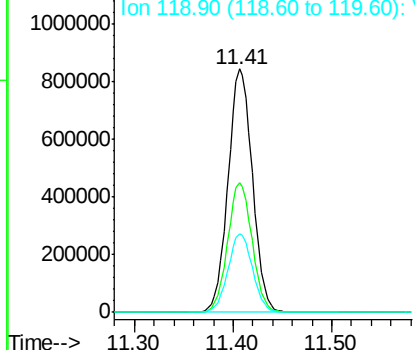


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053357.D
Acq: 11 Jan 2019 11:08

Tot Ion:117 Resp: 1460130
Ion Ratio Lower Upper
117 100
82 53.4 42.9 64.3
119 32.5 25.6 38.4

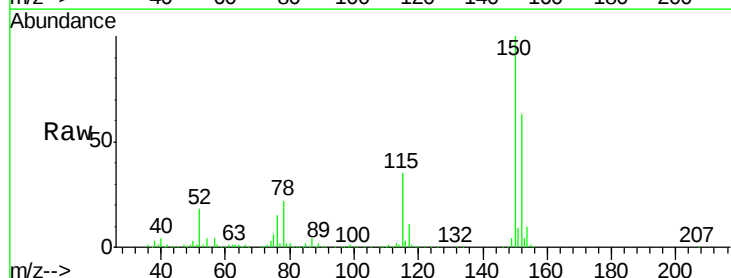


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

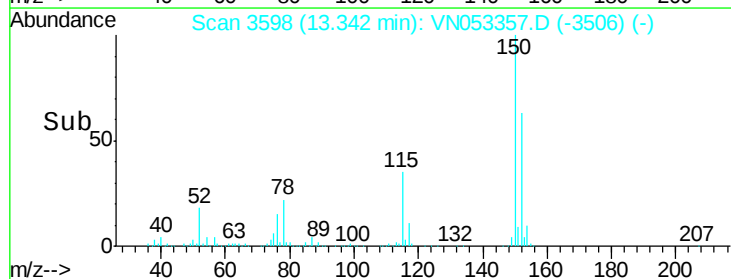
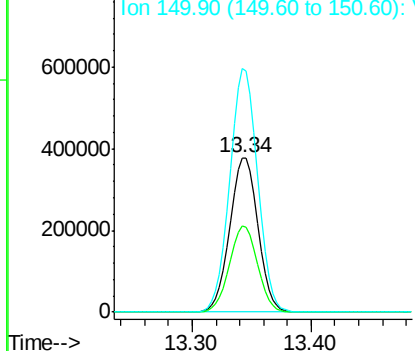


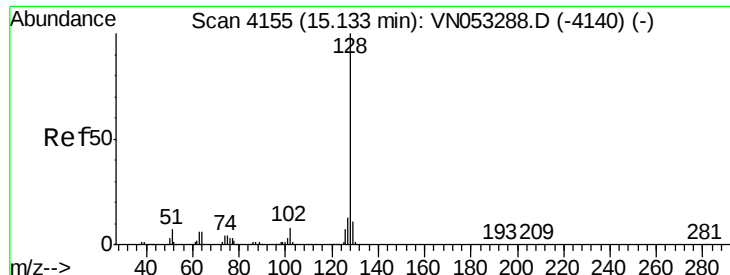
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053357.D
Acq: 11 Jan 2019 11:08

Tgt Ion:152 Resp: 618631
Ion Ratio Lower Upper
152 100
115 55.8 28.0 84.0
150 156.3 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





#95

Naphthalene

Concen: 1.202 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053357.D

Acq: 11 Jan 2019 11:08

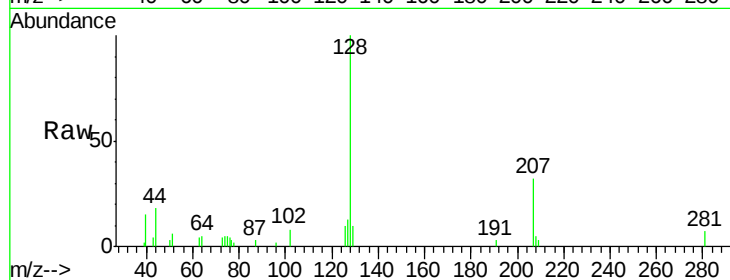
Tot Ion:128 Resp: 13070

Ion Ratio Lower Upper

128 100

127 11.0 10.4 15.6

129 10.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

