

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053370.D
 Acq On : 11 Jan 2019 17:07
 Operator : JC/SP
 Sample : K1127-02 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

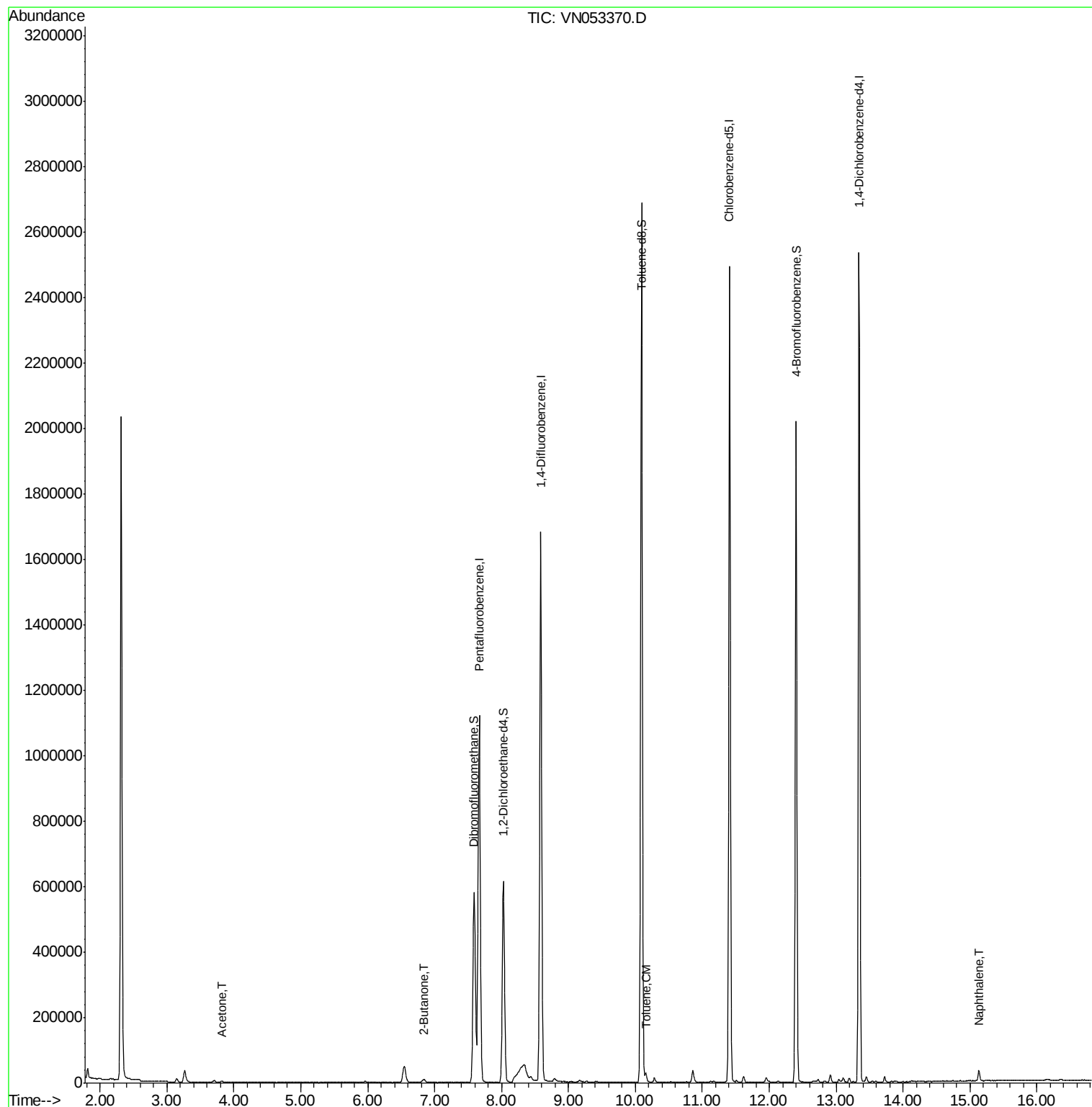
Quant Time: Jan 12 03:20:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

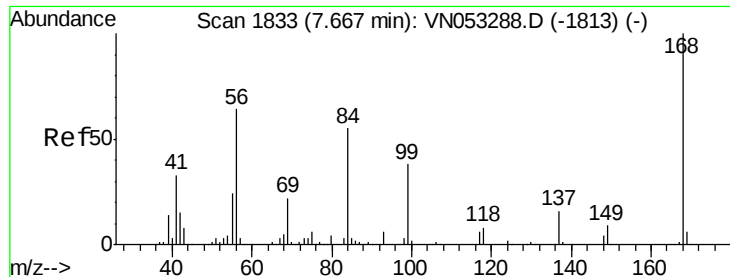
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	995831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1556797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1496082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	717686	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	497562	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
35) Dibromofluoromethane	7.59	113	456023	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
50) Toluene-d8	10.09	98	1937650	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.40	95	704811	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
Target Compounds						
16) Acetone	3.82	43	8001	0.982	ug/l #	87
25) 2-Butanone	6.84	43	12058	2.837	ug/l	99
52) Toluene	10.16	92	10652	0.391	ug/l	93
95) Naphthalene	15.13	128	27661	2.192	ug/l	99

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

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Quant Title : SW846 8260
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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: VN053370.D

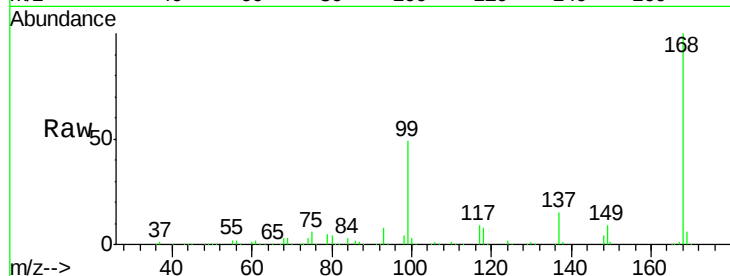
Acq: 11 Jan 2019 17:07

Tot Ion:168 Resp: 995831

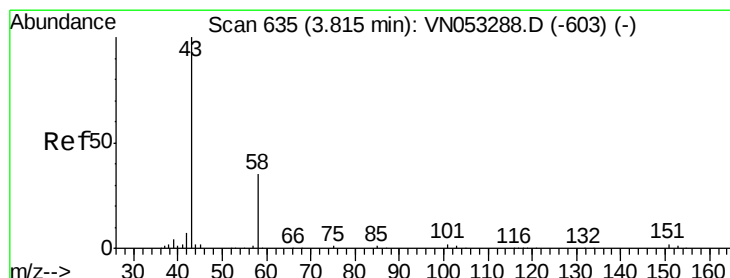
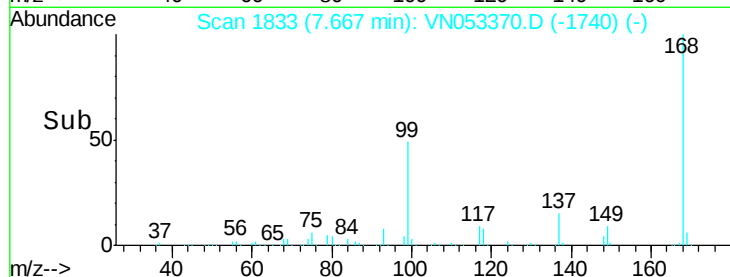
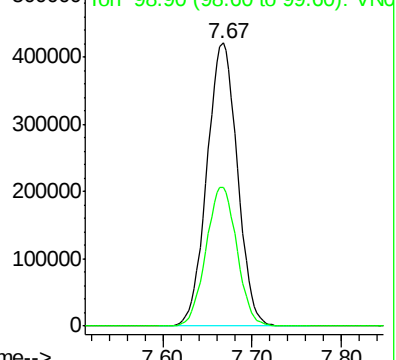
Ion Ratio Lower Upper

168 100

99 49.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053370.D (-1740) (-)



#16

Acetone

Concen: 0.982 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053370.D

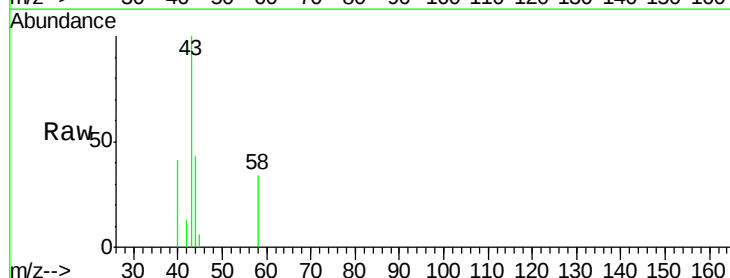
Acq: 11 Jan 2019 17:07

Tgt Ion: 43 Resp: 8001

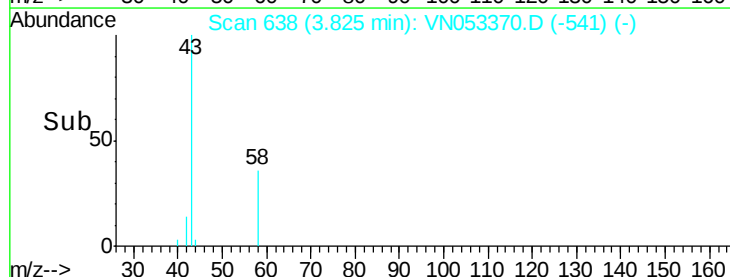
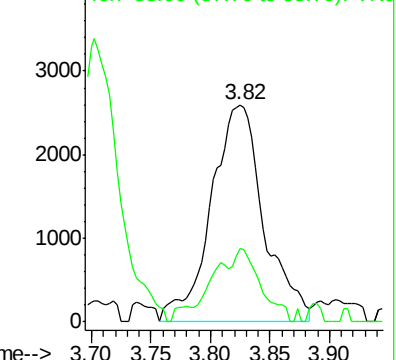
Ion Ratio Lower Upper

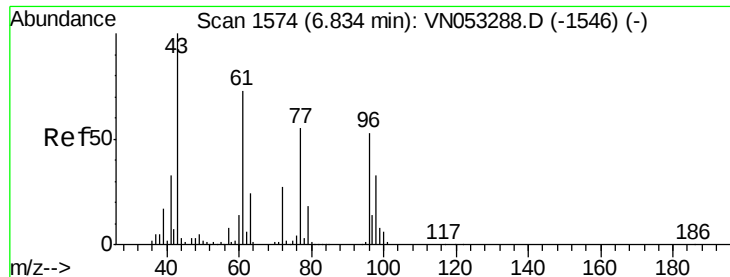
43 100

58 27.4 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VN053370.D (-541) (-)





#25

2-Butanone

Concen: 2.837 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN053370.D

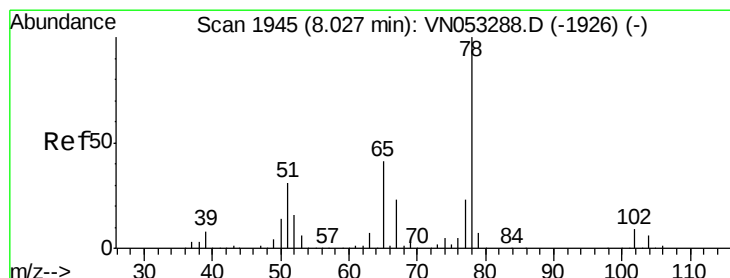
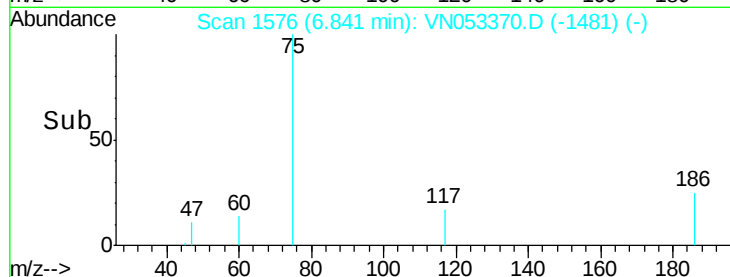
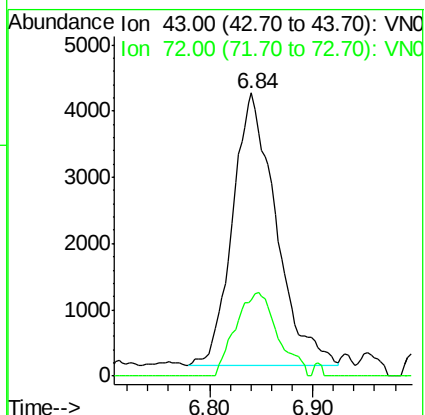
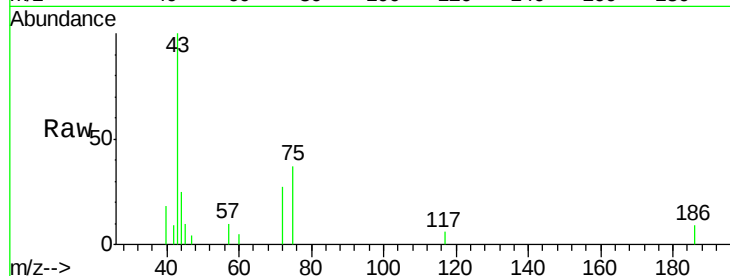
Acq: 11 Jan 2019 17:07

Tot Ion: 43 Resp: 12058

Ion Ratio Lower Upper

43 100

72 28.1 22.0 33.0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053370.D

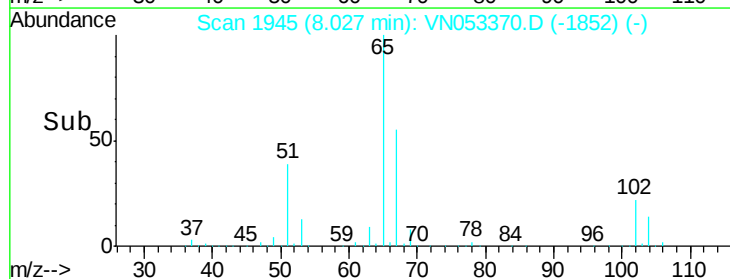
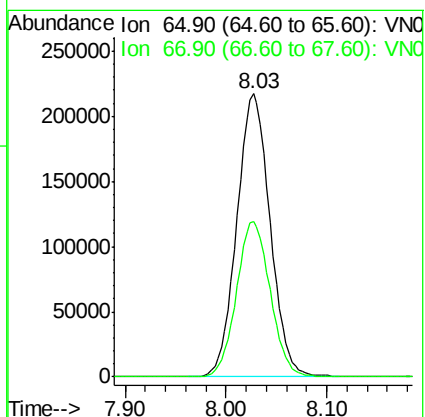
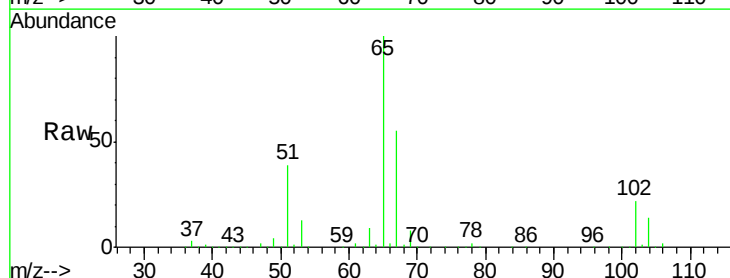
Acq: 11 Jan 2019 17:07

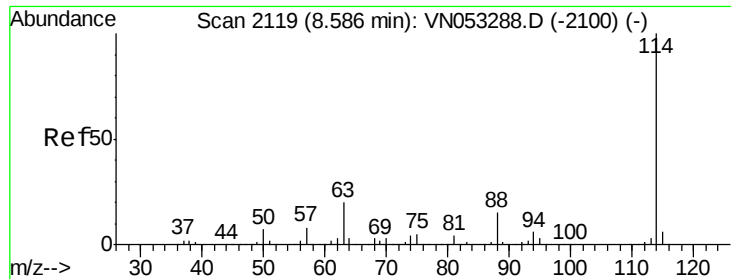
Tgt Ion: 65 Resp: 497562

Ion Ratio Lower Upper

65 100

67 55.7 0.0 111.0

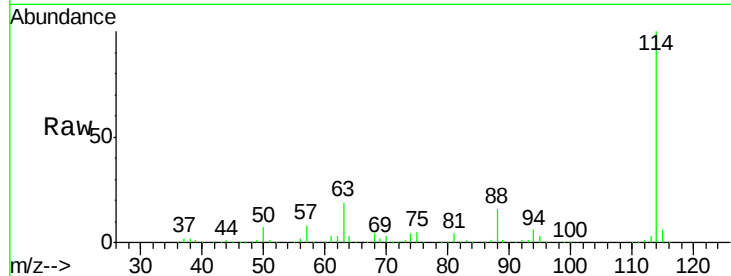




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053370.D
Acq: 11 Jan 2019 17:07

Tot Ion:114 Resp: 1556797

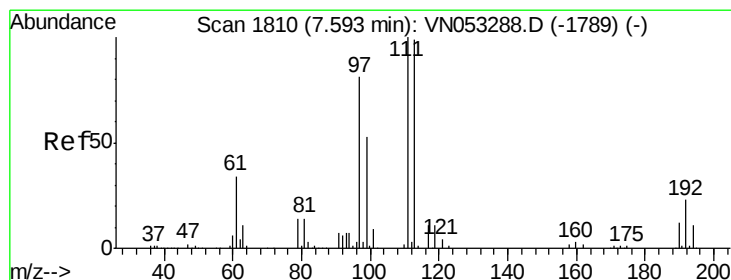
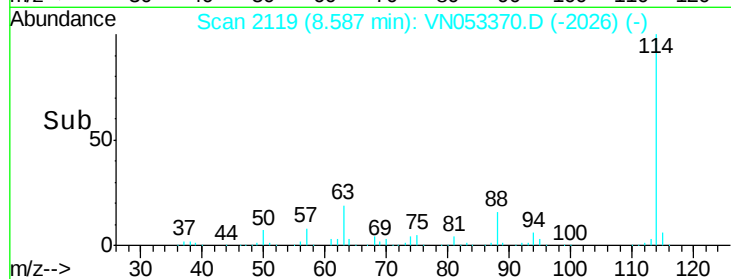
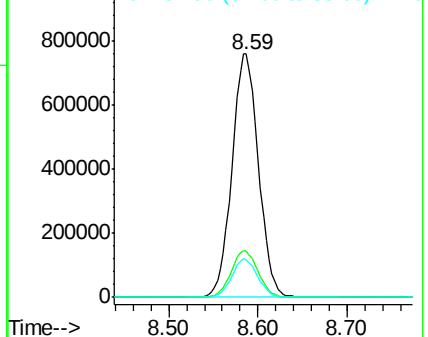
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.0
88	15.7	0.0	30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

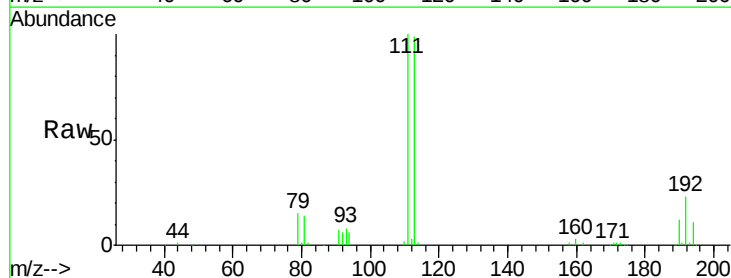
Ion 87.90 (87.60 to 88.60): VN



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN053370.D
Acq: 11 Jan 2019 17:07

Tgt Ion:113 Resp: 456023

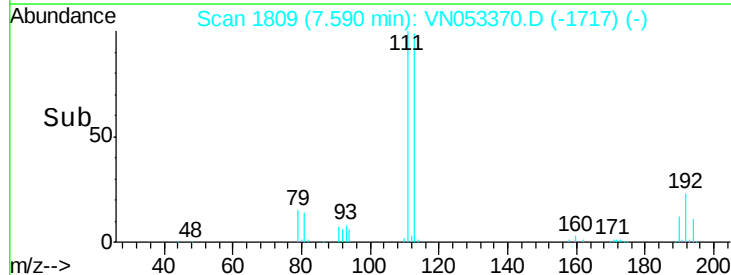
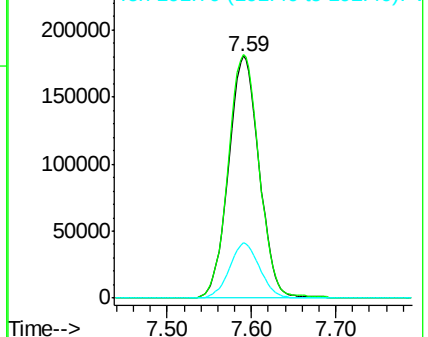
Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.4	122.2
192	22.4	17.9	26.9

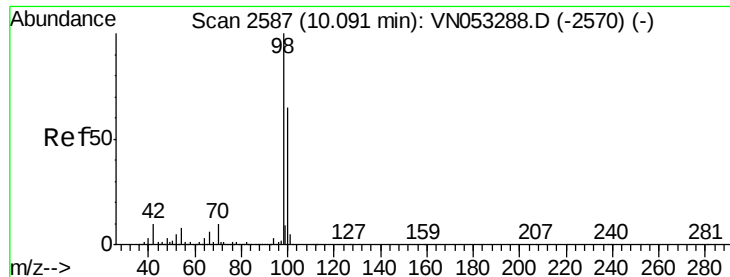


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053370.D

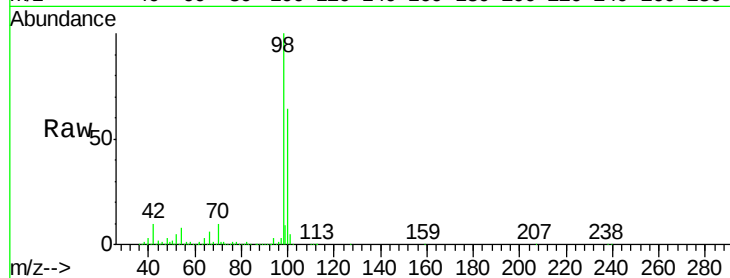
Acq: 11 Jan 2019 17:07

Tot Ion: 98 Resp: 1937650

Ion Ratio Lower Upper

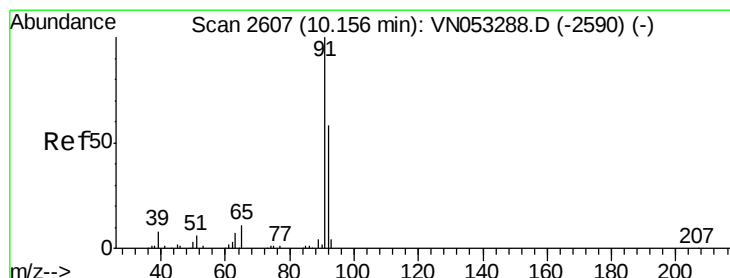
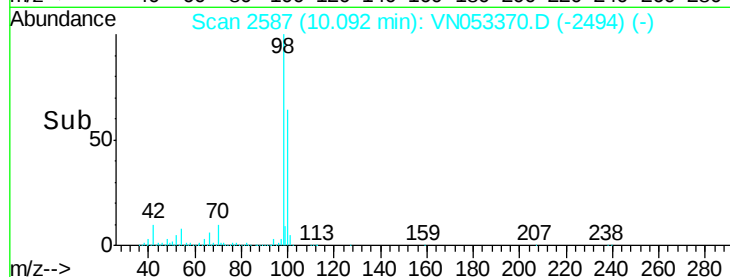
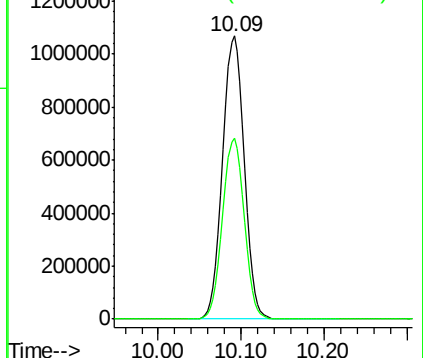
98 100

100 64.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 0.391 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053370.D

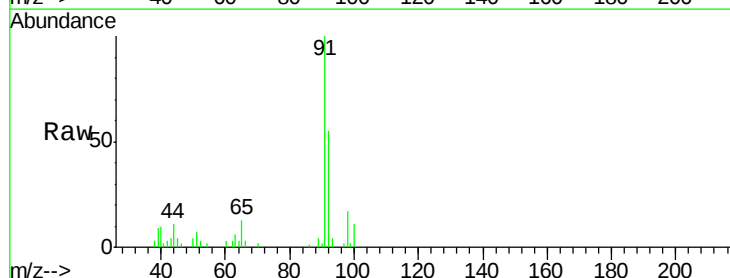
Acq: 11 Jan 2019 17:07

Tgt Ion: 92 Resp: 10652

Ion Ratio Lower Upper

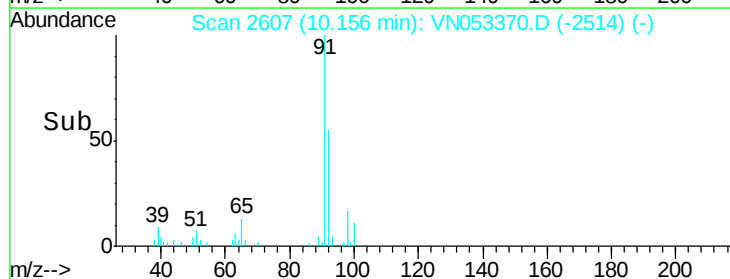
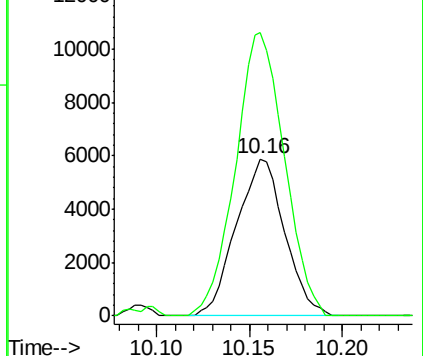
92 100

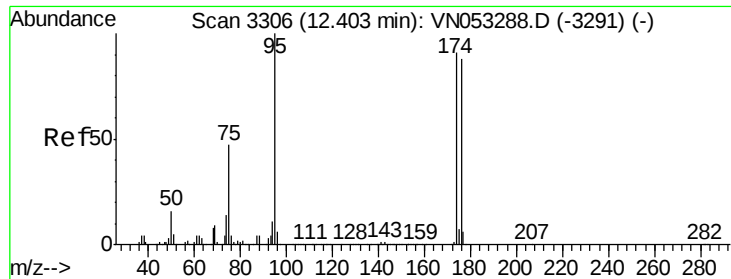
91 182.5 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053370.D

Acq: 11 Jan 2019 17:07

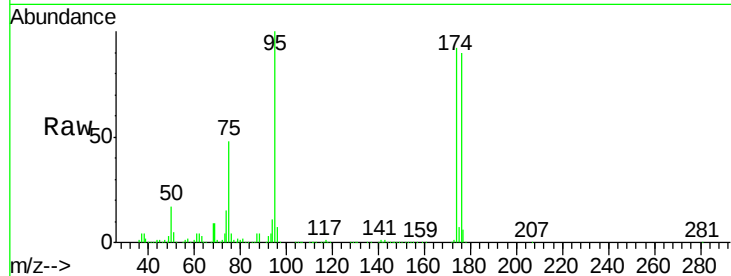
Tot Ion: 95 Resp: 704811

Ion Ratio Lower Upper

95 100

174 91.1 0.0 180.4

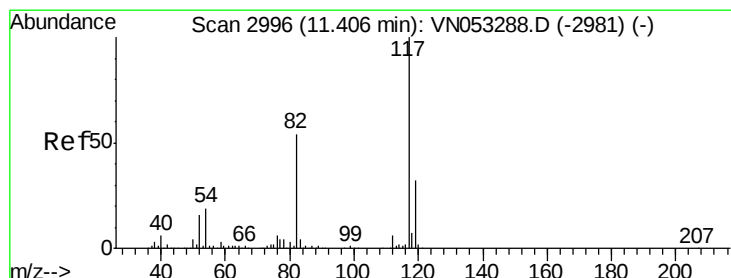
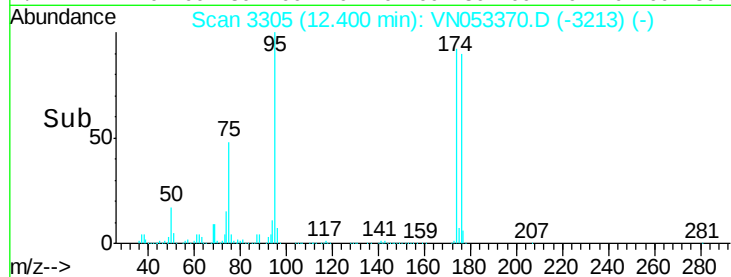
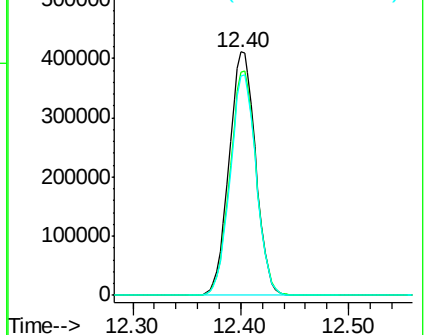
176 88.7 0.0 175.6



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: VN053370.D

Acq: 11 Jan 2019 17:07

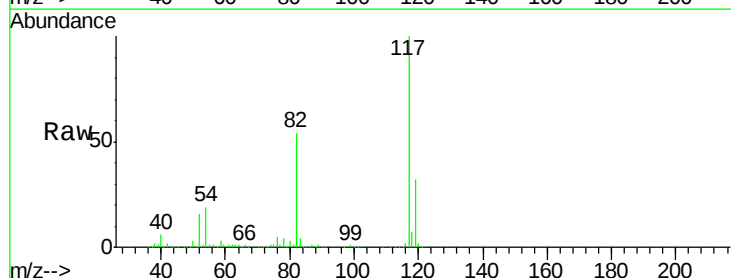
Tgt Ion: 117 Resp: 1496082

Ion Ratio Lower Upper

117 100

82 53.8 42.9 64.3

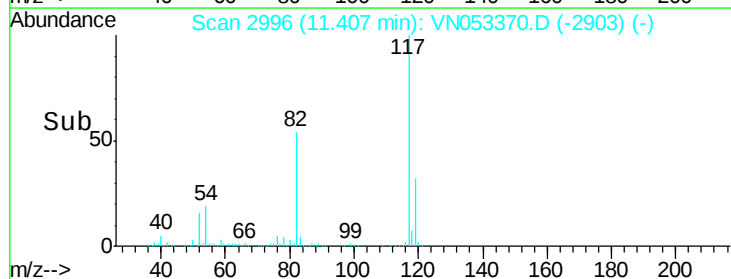
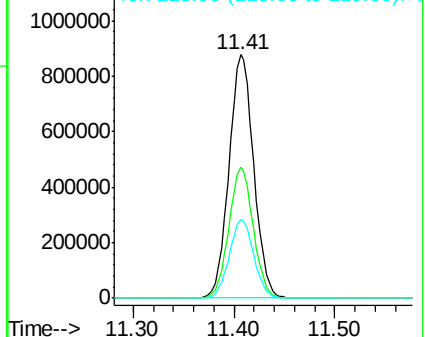
119 32.1 25.6 38.4

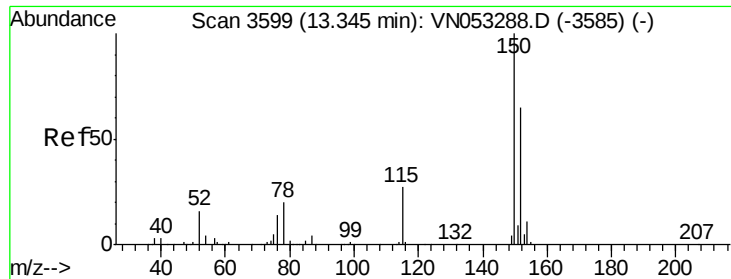


Abundance Ion 116.90 (116.60 to 117.60): VN053288.D (-2981) (-)

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

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

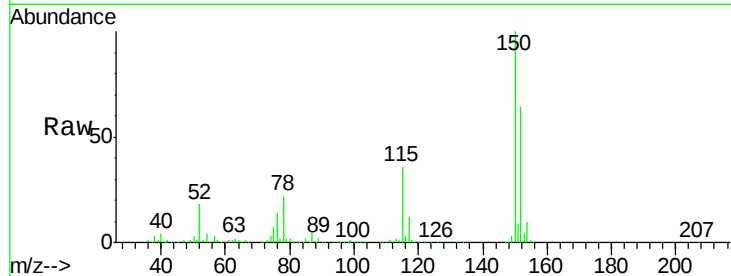




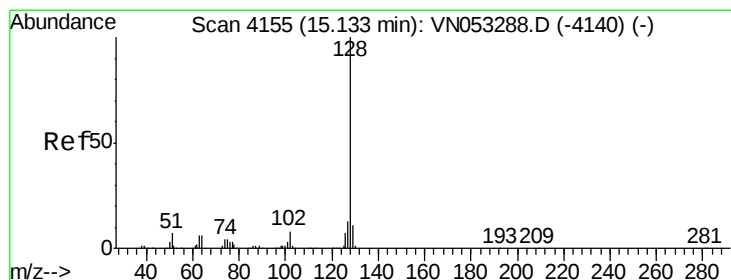
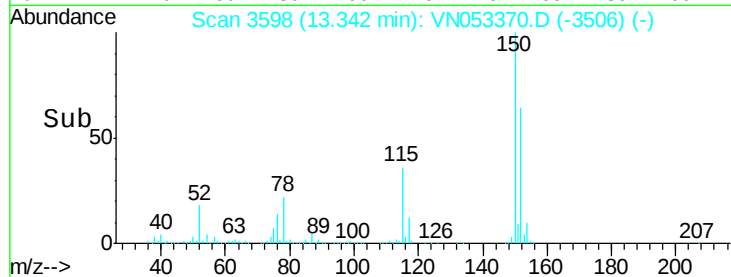
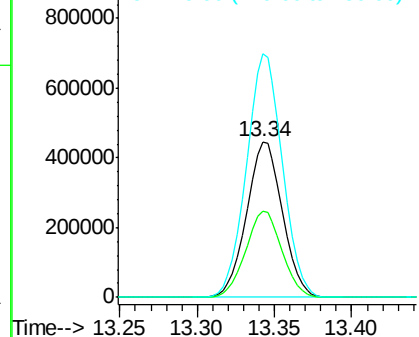
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053370.D
Acq: 11 Jan 2019 17:07

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.0	84.0
150	157.3	0.0	346.6



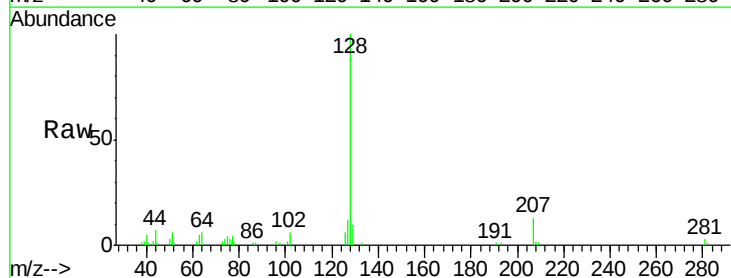
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 2.192 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053370.D
Acq: 11 Jan 2019 17:07

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	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

