

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092218\
 Data File : VN051368.D
 Acq On : 21 Sep 2018 14:57
 Operator : MD\SY
 Sample : PB113086TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

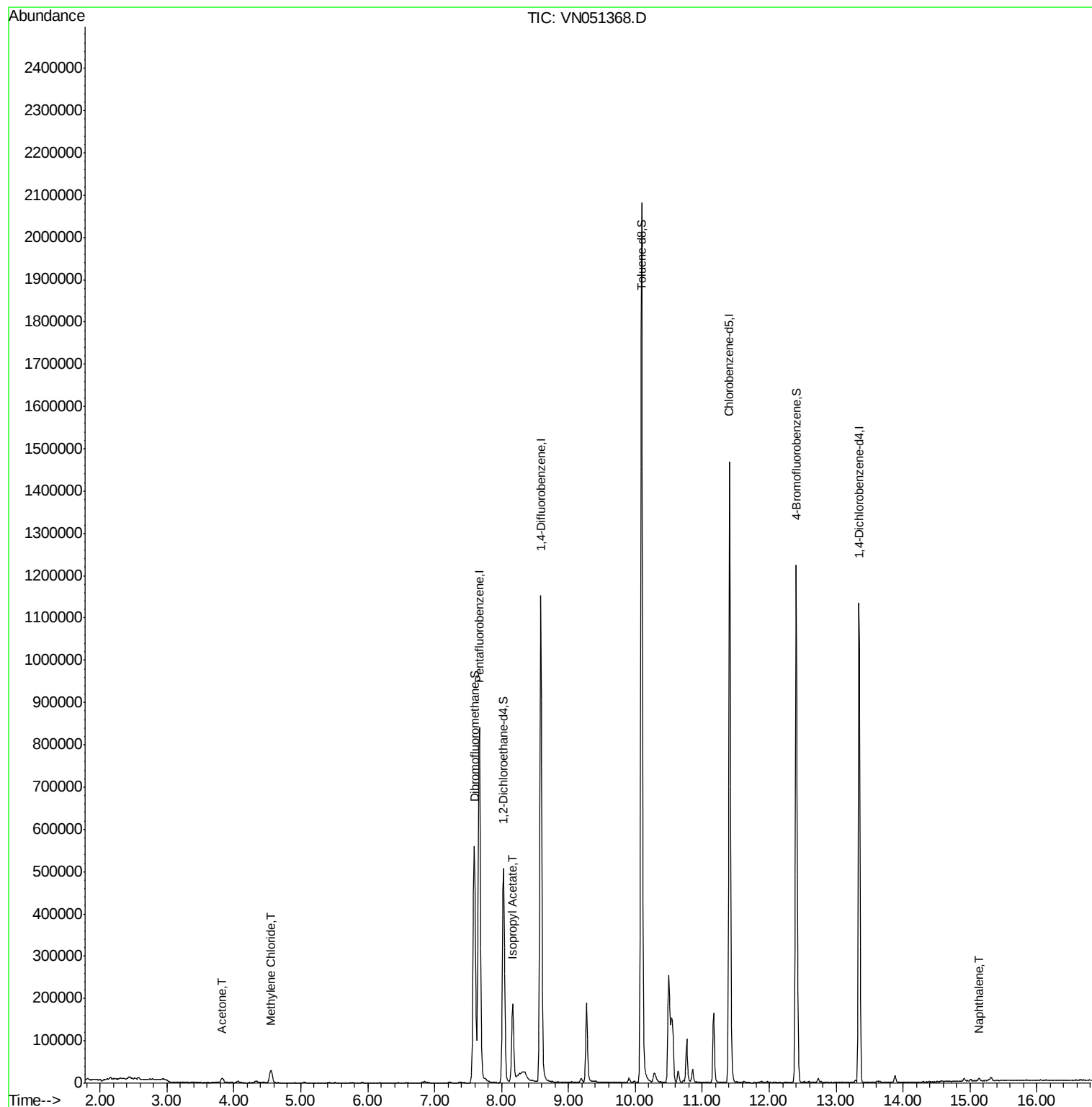
Quant Time: Sep 21 23:32:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 04:23:57 2018
 Response via : Initial Calibration

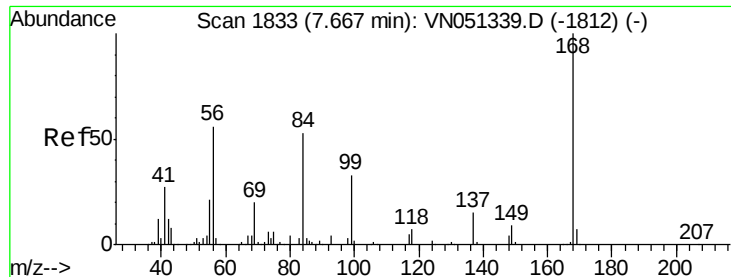
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	780891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1138452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	960258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	346975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	433770	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
35) Dibromofluoromethane	7.59	113	435088	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
50) Toluene-d8	10.09	98	1552832	43.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.80%	
62) 4-Bromofluorobenzene	12.40	95	409974	35.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.26%	
Target Compounds						
16) Acetone	3.82	43	20011	10.657	ug/l	96
20) Methylene Chloride	4.56	84	24295	2.793	ug/l #	94
43) Isopropyl Acetate	8.17	43	217410	21.533	ug/l	99
95) Naphthalene	15.14	128	6104	5.779	ug/l #	92

(#) = 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: VN051368.D

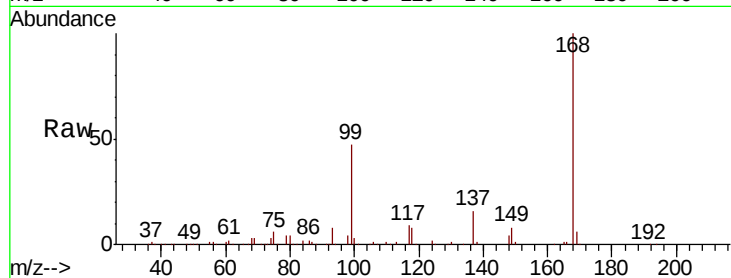
Acq: 21 Sep 2018 14:57

Tot Ion:168 Resp: 780891

Ion Ratio Lower Upper

168 100

99 46.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN051339.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051339.D (-1812) (-)

7.67

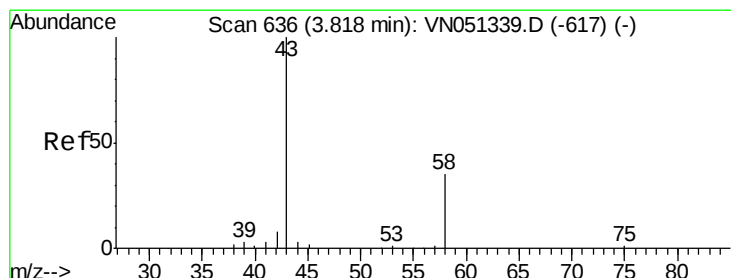
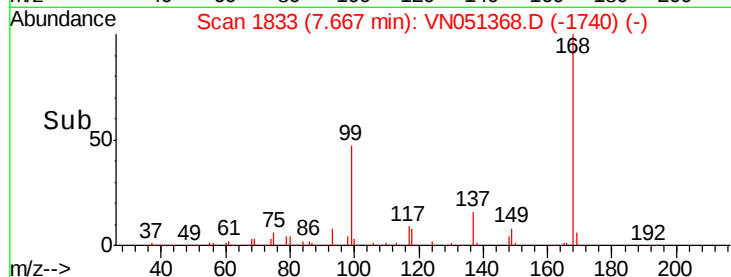
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 10.657 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN051368.D

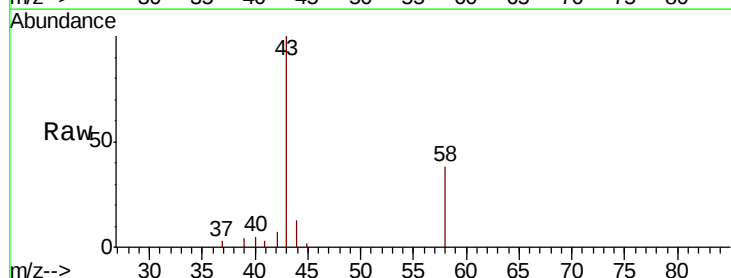
Acq: 21 Sep 2018 14:57

Tgt Ion: 43 Resp: 20011

Ion Ratio Lower Upper

43 100

58 37.7 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN051339.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN051339.D (-617) (-)

3.82

8000

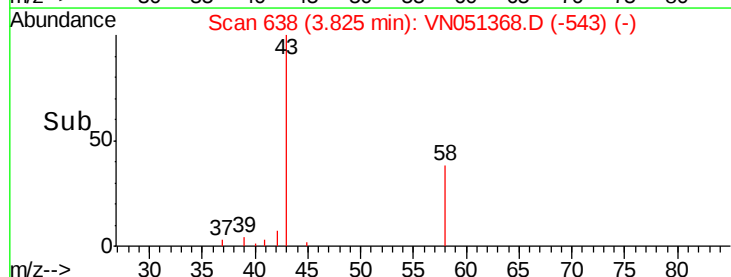
6000

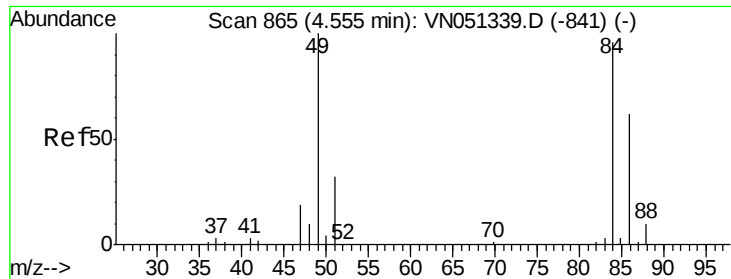
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 2.793 ug/l

RT: 4.56 min Scan# 866

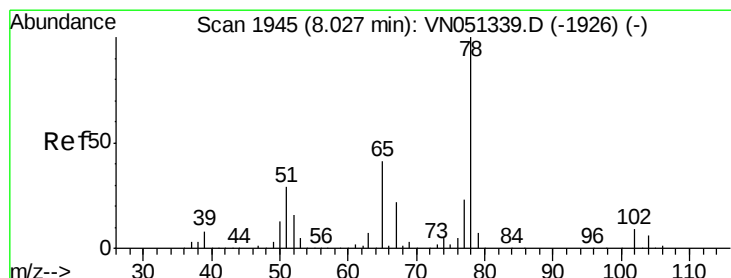
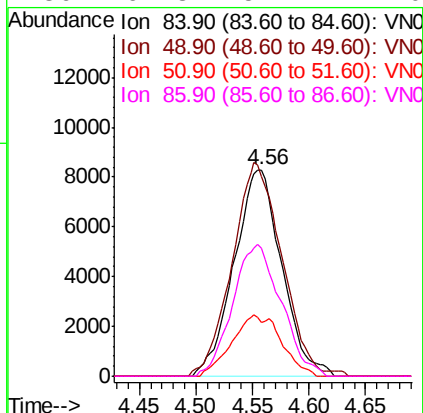
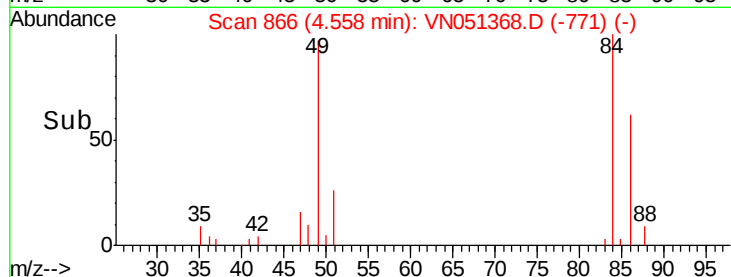
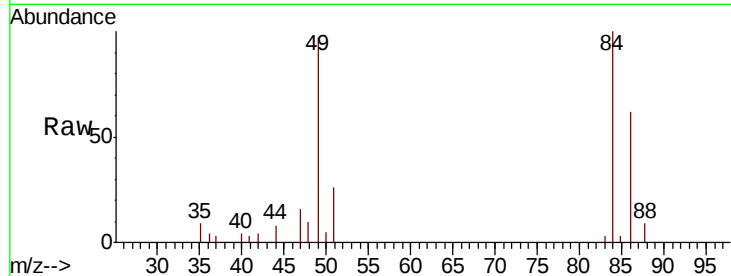
Delta R.T. 0.00 min

Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

Tot Ion: 84 Resp: 24295

Ion	Ratio	Lower	Upper
84	100		
49	96.6	83.2	124.8
51	26.2	26.4	39.6
86	62.3	51.4	77.0



#33

1,2-Dichloroethane-d4

Concen: 51.251 ug/l

RT: 8.03 min Scan# 1945

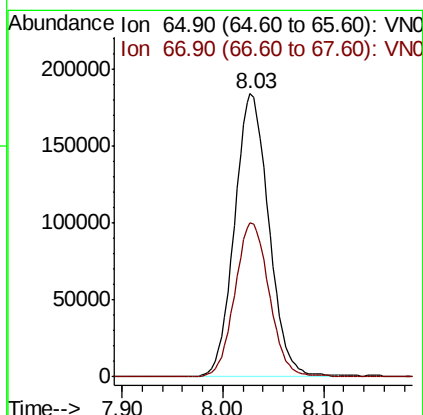
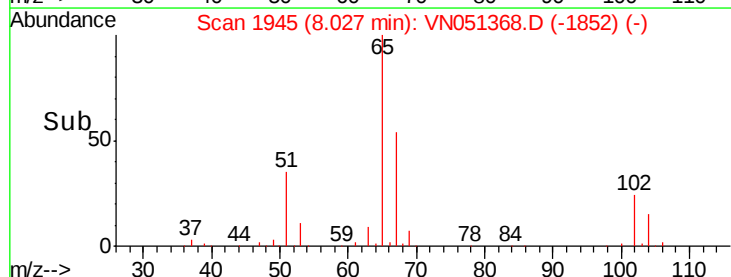
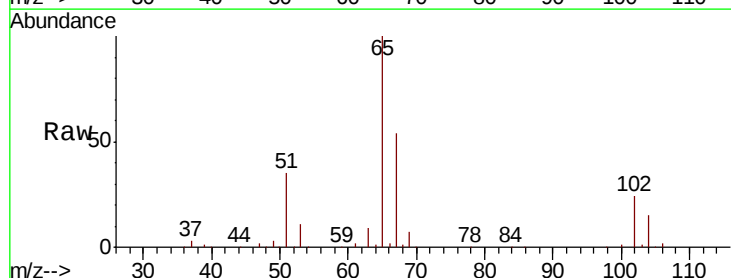
Delta R.T. 0.00 min

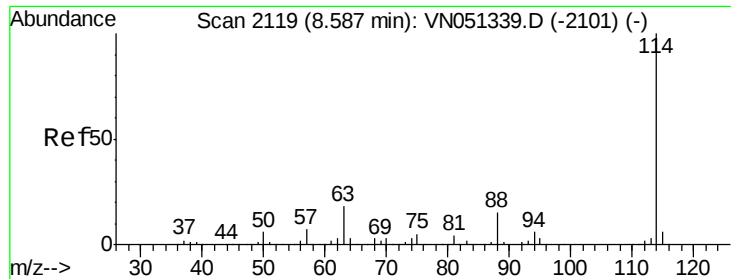
Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

Tgt Ion: 65 Resp: 433770

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	108.8

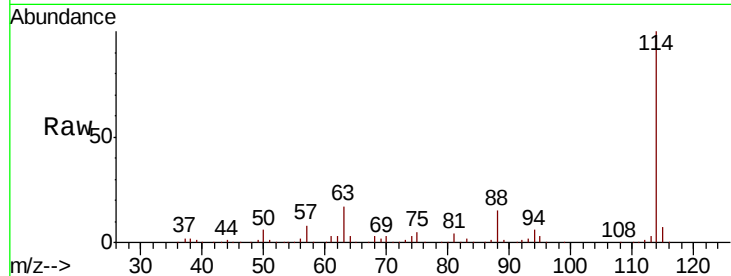




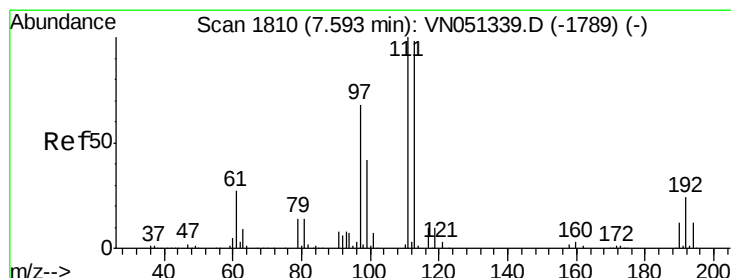
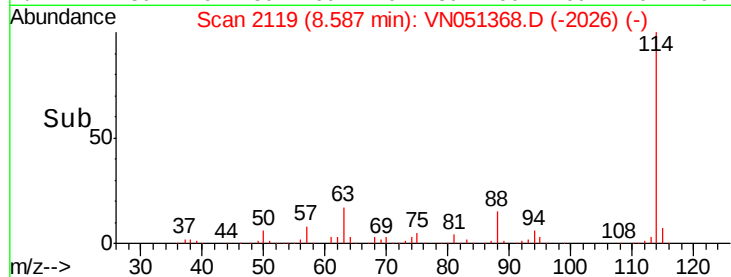
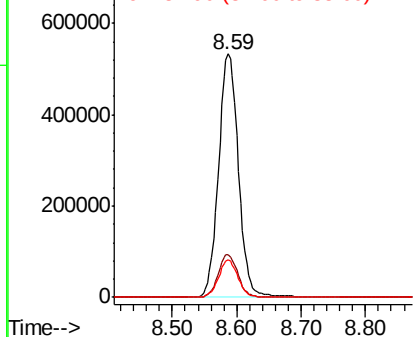
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051368.D
 Acq: 21 Sep 2018 14:57

Tot Ion:114 Resp: 1138452

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	36.6
88	15.3	0.0	29.8



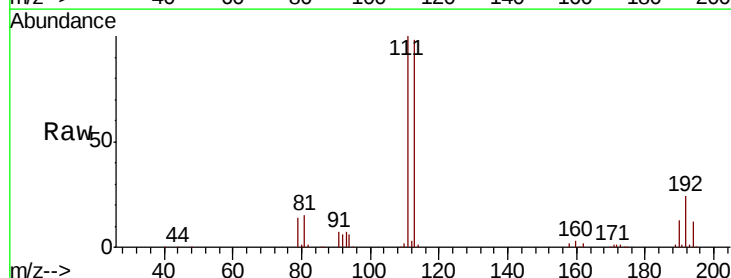
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



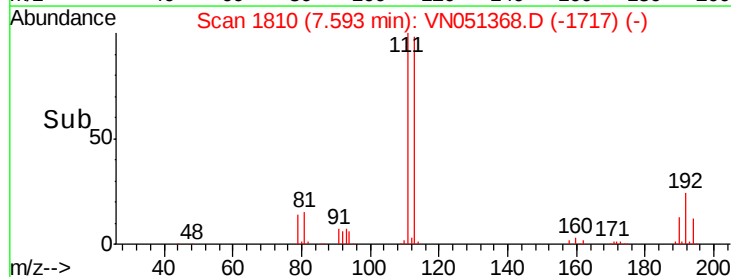
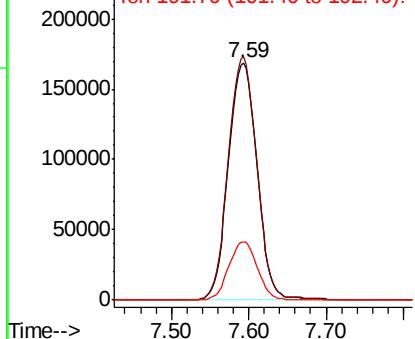
#35
 Dibromofluoromethane
 Concen: 47.291 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051368.D
 Acq: 21 Sep 2018 14:57

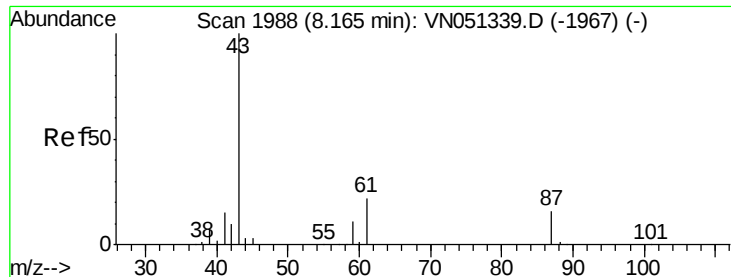
Tgt Ion:113 Resp: 435088

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.9	122.9
192	24.3	19.8	29.6



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: 21.533 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

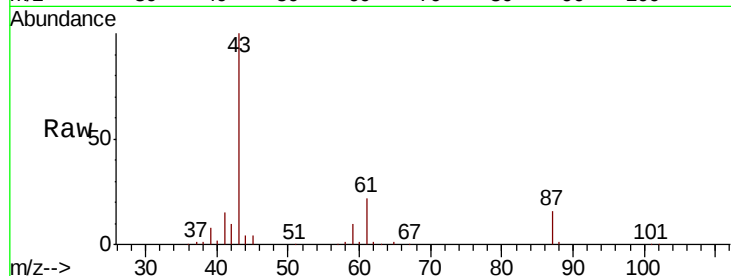
Tot Ion: 43 Resp: 217410

Ion Ratio Lower Upper

43 100

61 22.1 18.1 27.1

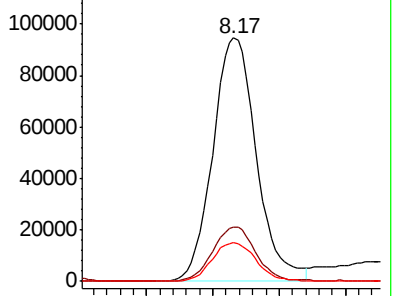
87 16.1 12.8 19.2



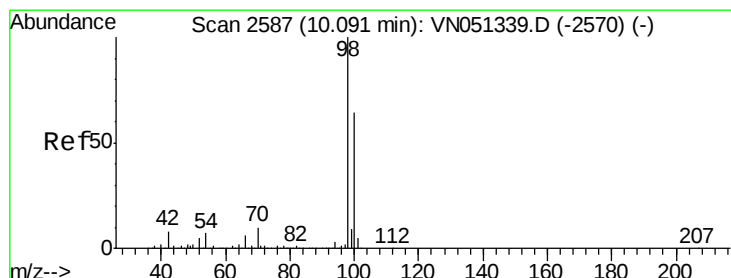
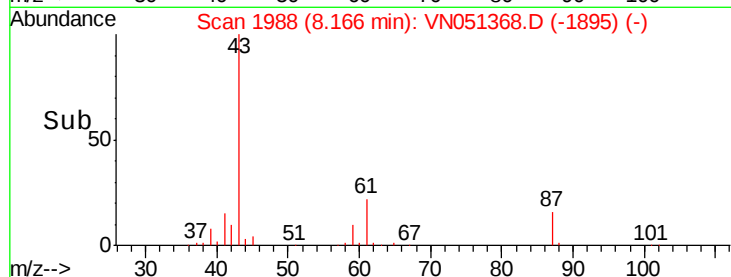
Abundance Ion 43.00 (42.70 to 43.70): VN051339.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN051339.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN051339.D (-1967) (-)



Time-->



#50

Toluene-d8

Concen: 43.905 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051368.D

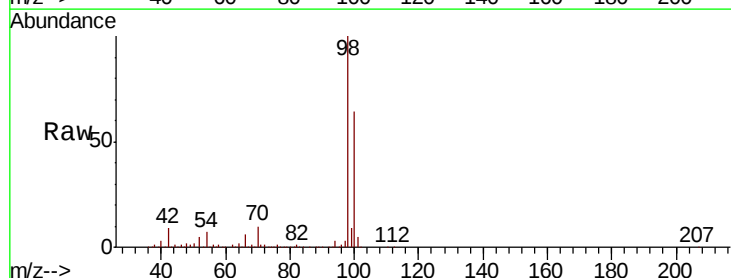
Acq: 21 Sep 2018 14:57

Tgt Ion: 98 Resp: 1552832

Ion Ratio Lower Upper

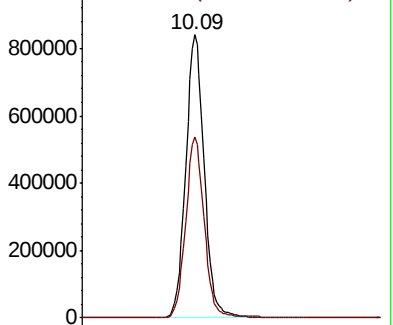
98 100

100 64.0 51.3 76.9

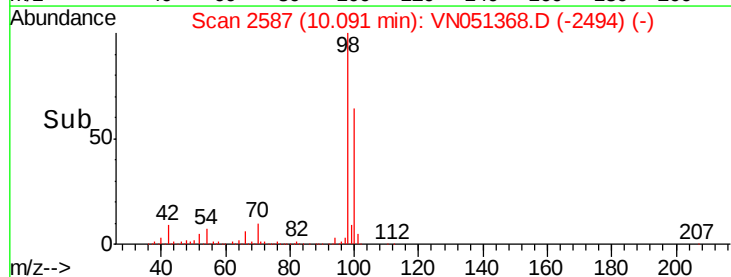


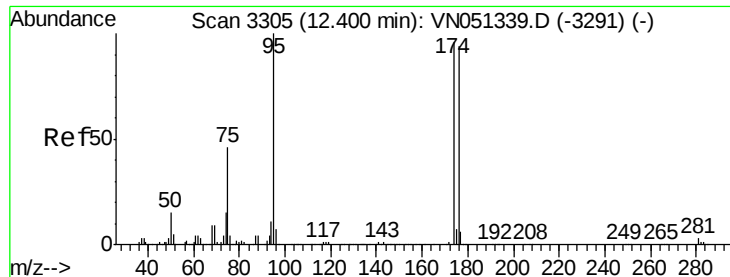
Abundance Ion 98.00 (97.70 to 98.70): VN051339.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051339.D (-2570) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: 35.630 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

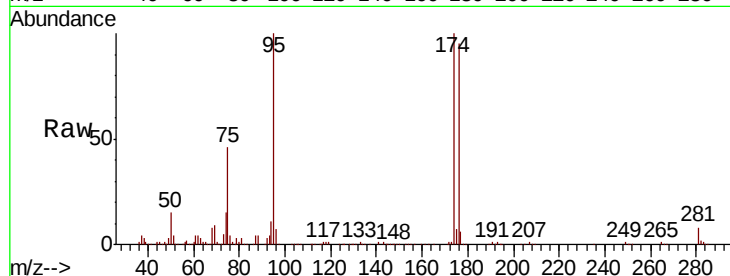
Tot Ion: 95 Resp: 409974

Ion Ratio Lower Upper

95 100

174 98.7 0.0 194.6

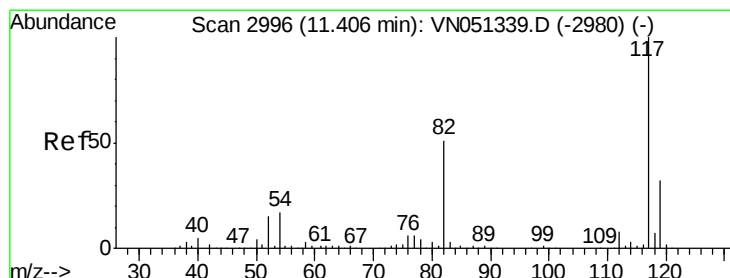
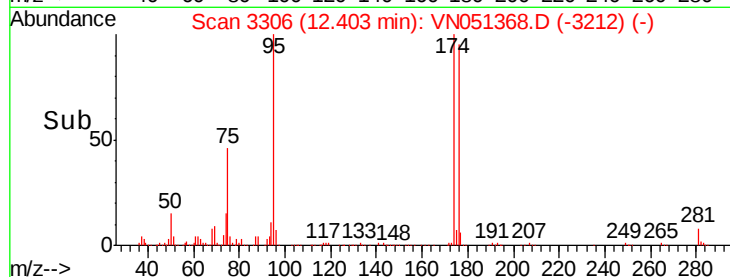
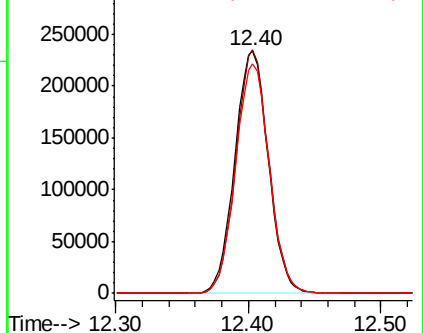
176 95.3 0.0 189.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

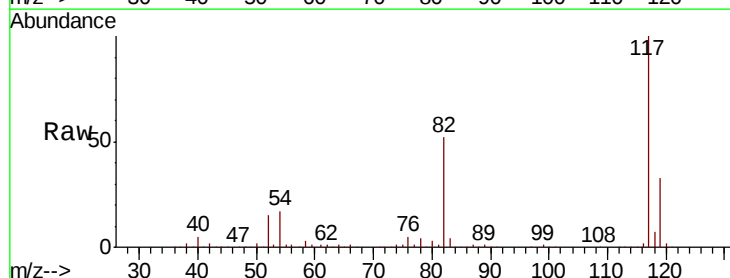
Tgt Ion: 117 Resp: 960258

Ion Ratio Lower Upper

117 100

82 51.9 40.7 61.1

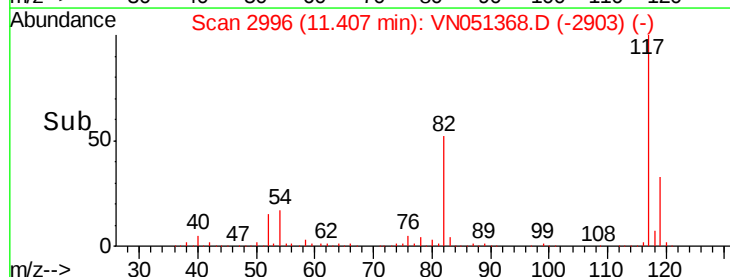
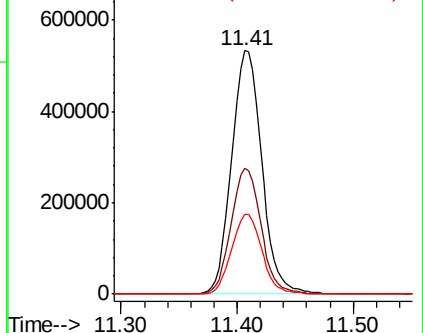
119 32.7 25.3 37.9

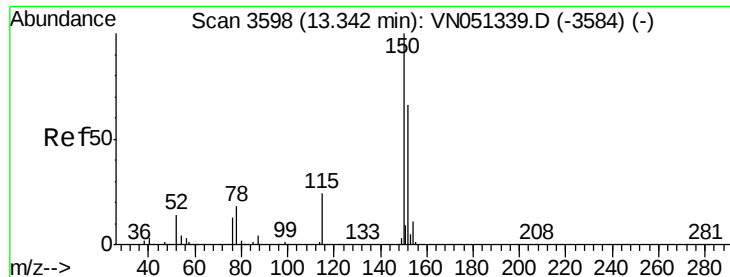


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

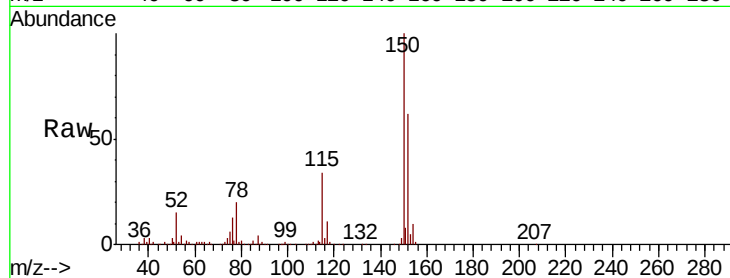
Delta R.T. -0.00 min

Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

Tot Ion:152 Resp: 346975

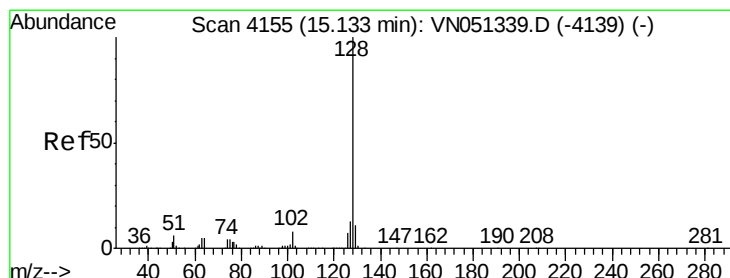
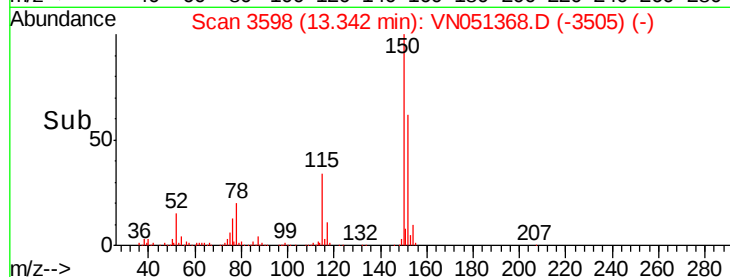
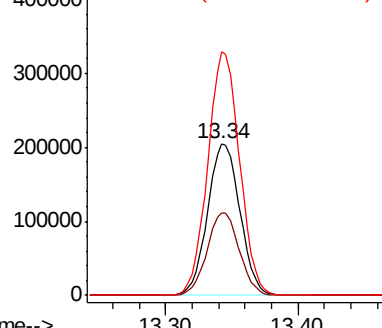
Ion	Ratio	Lower	Upper
152	100		
115	54.1	26.9	80.7
150	158.1	0.0	345.0



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



#95

Naphthalene

Concen: 5.779 ug/l

RT: 15.14 min Scan# 4156

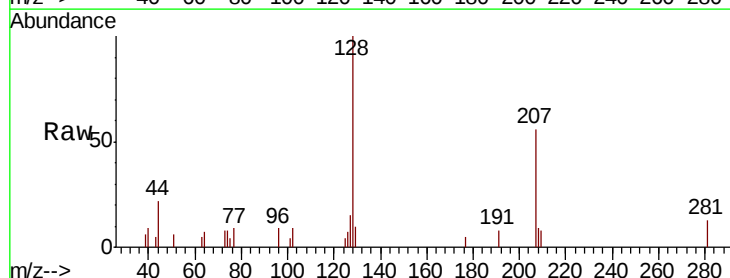
Delta R.T. 0.00 min

Lab File: VN051368.D

Acq: 21 Sep 2018 14:57

Tgt Ion:128 Resp: 6104

Ion	Ratio	Lower	Upper
128	100		
127	16.4	10.3	15.5#
129	8.2	8.6	13.0#



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

