

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092218\
 Data File : VN051381.D
 Acq On : 21 Sep 2018 20:16
 Operator : MD\SY
 Sample : PB113086ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

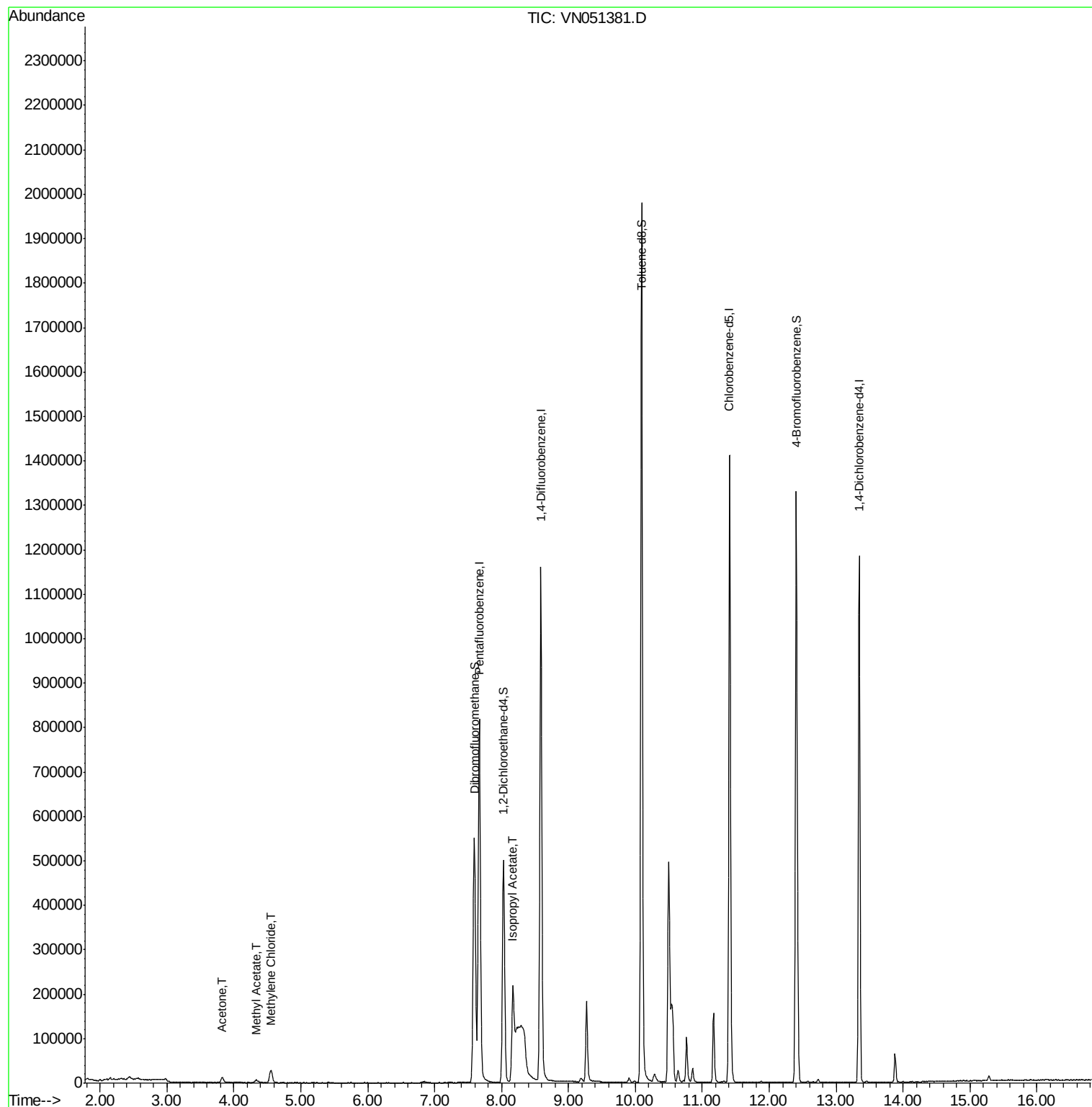
Quant Time: Sep 22 00:11:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 04:23:57 2018
 Response via : Initial Calibration

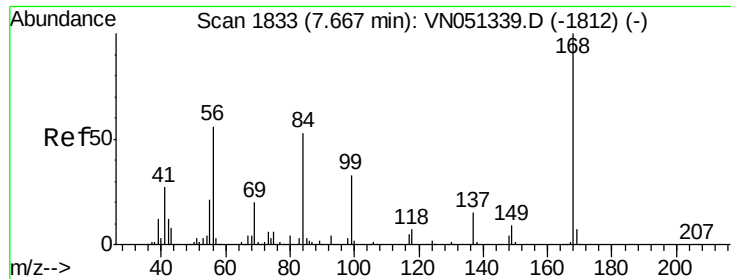
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	749556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1129798	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	942760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	357824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	428201	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
35) Dibromofluoromethane	7.59	113	422347	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
50) Toluene-d8	10.09	98	1490145	42.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.92%	
62) 4-Bromofluorobenzene	12.40	95	407033	35.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.30%	
Target Compounds						
16) Acetone	3.82	43	20090	11.268	ug/l	97
18) Methyl Acetate	4.34	43	12761	1.622	ug/l	97
20) Methylene Chloride	4.55	84	22760	2.725	ug/l	98
43) Isopropyl Acetate	8.17	43	269061	26.853	ug/l #	91

(#) = 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: VN051381.D

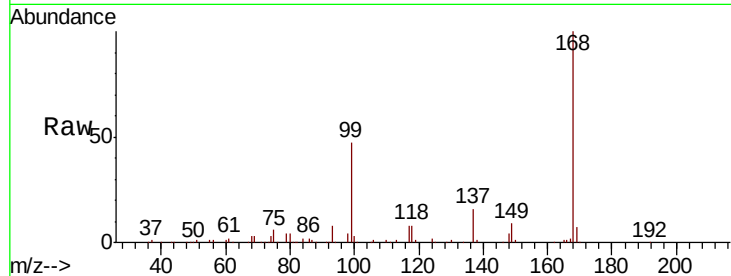
Acq: 21 Sep 2018 20:16

Tot Ion:168 Resp: 749556

Ion Ratio Lower Upper

168 100

99 46.7 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

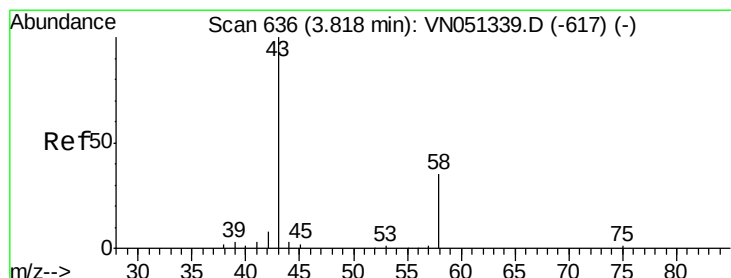
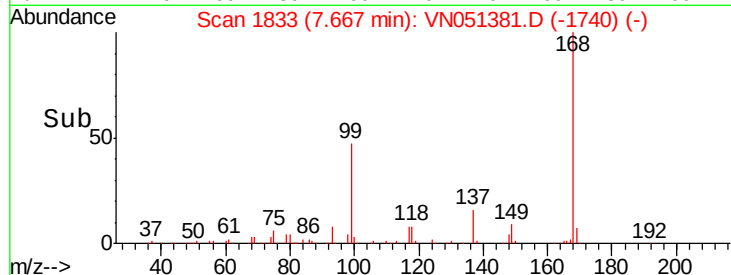
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 11.268 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN051381.D

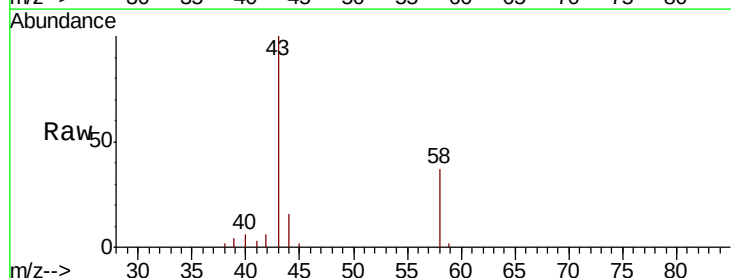
Acq: 21 Sep 2018 20:16

Tgt Ion: 43 Resp: 20090

Ion Ratio Lower Upper

43 100

58 37.0 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

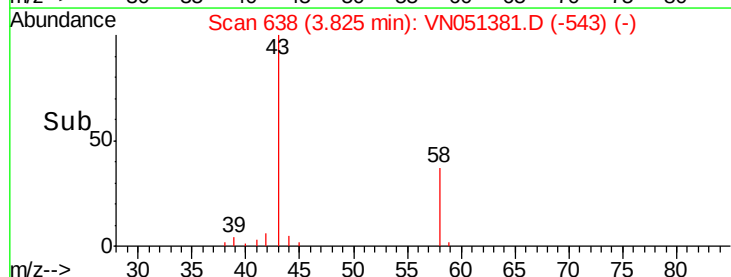
6000

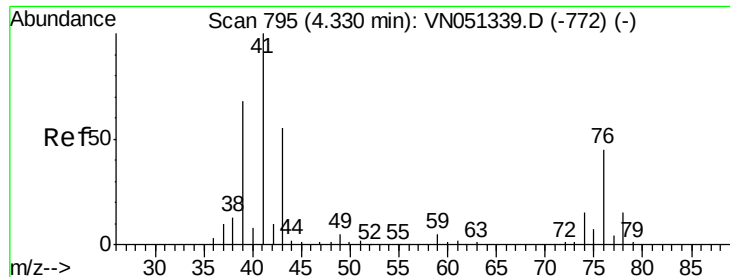
4000

2000

0

Time-->





#18

Methyl Acetate

Concen: 1.622 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051381.D

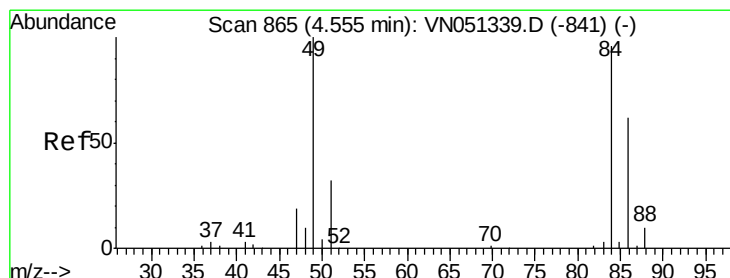
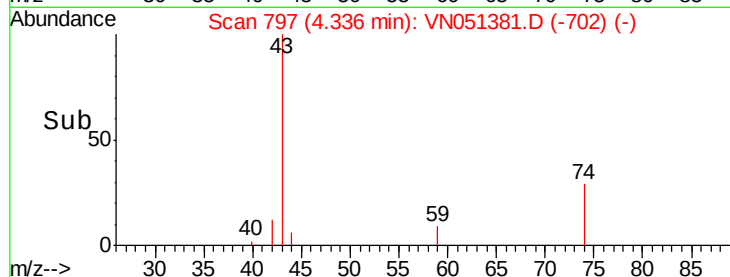
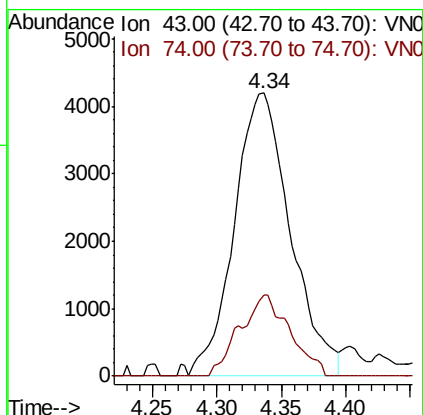
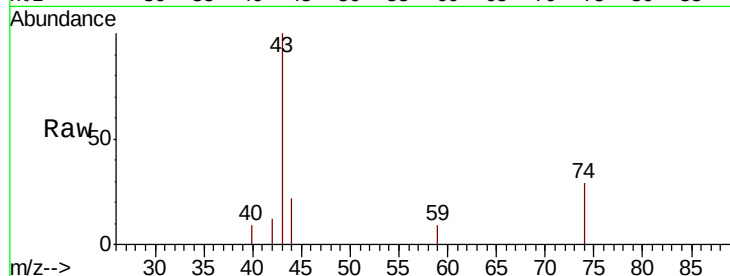
Acq: 21 Sep 2018 20:16

Tot Ion: 43 Resp: 12761

Ion Ratio Lower Upper

43 100

74 25.6 21.7 32.5



#20

Methylene Chloride

Concen: 2.725 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051381.D

Acq: 21 Sep 2018 20:16

Tgt Ion: 84 Resp: 22760

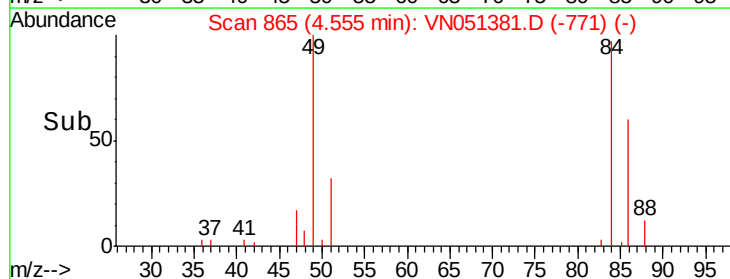
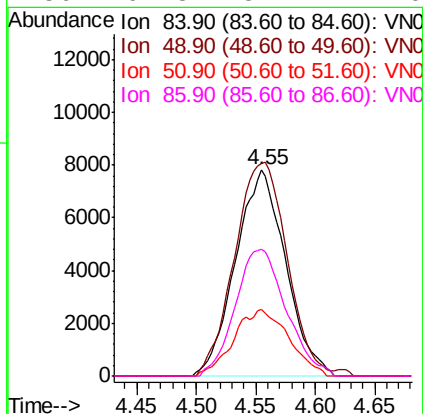
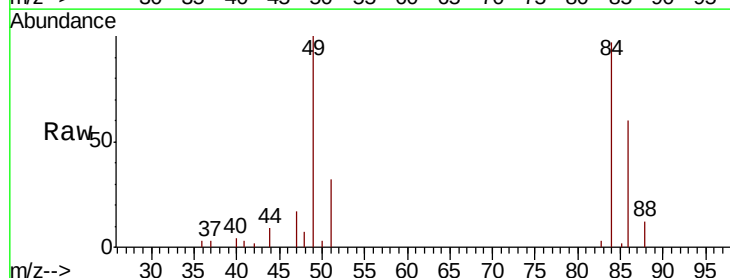
Ion Ratio Lower Upper

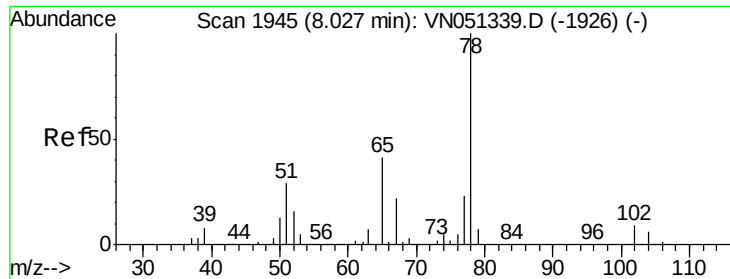
84 100

49 103.0 83.2 124.8

51 32.5 26.4 39.6

86 61.3 51.4 77.0





#33

1,2-Dichloroethane-d4

Concen: 52.708 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051381.D

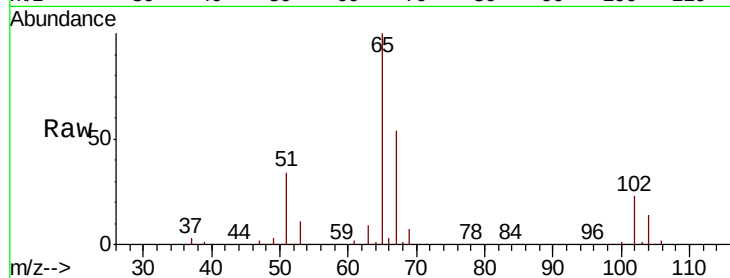
Acq: 21 Sep 2018 20:16

Tot Ion: 65 Resp: 428201

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

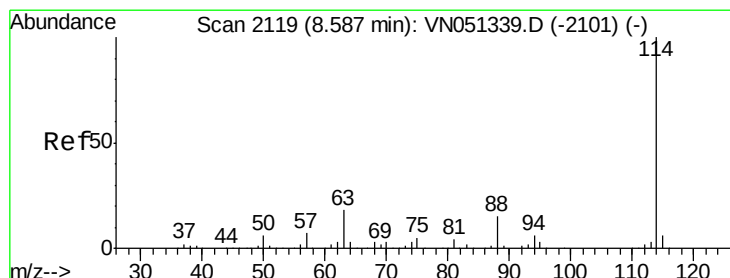
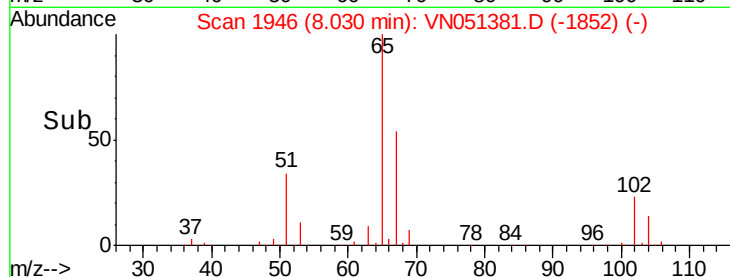
150000

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: VN051381.D

Acq: 21 Sep 2018 20:16

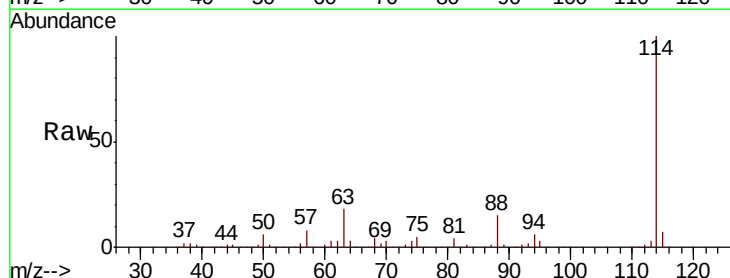
Tgt Ion:114 Resp: 1129798

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.6

88 15.0 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

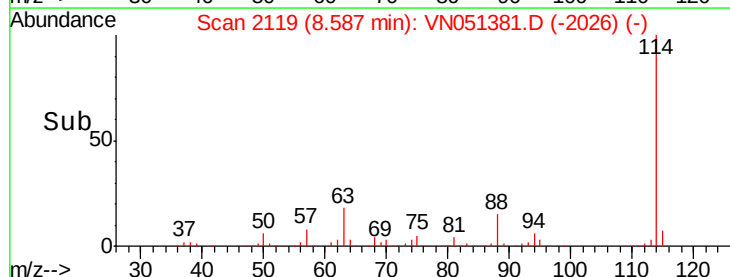
600000

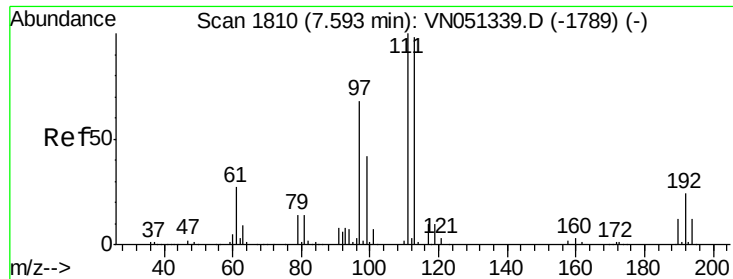
400000

200000

0

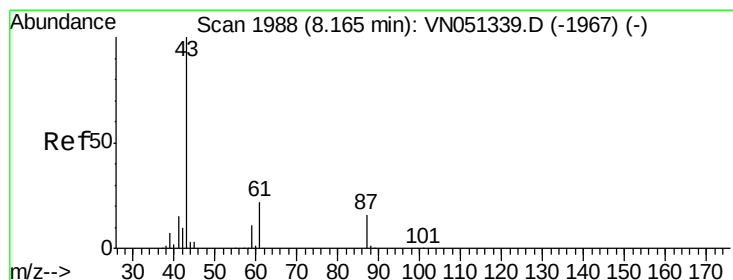
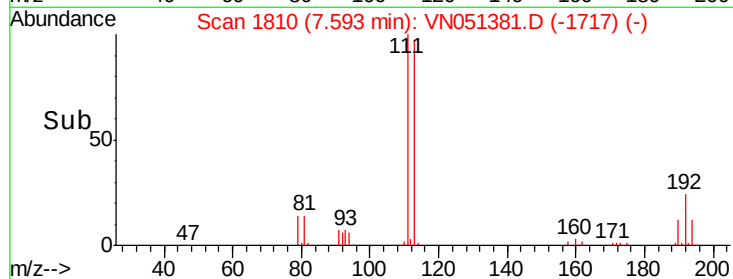
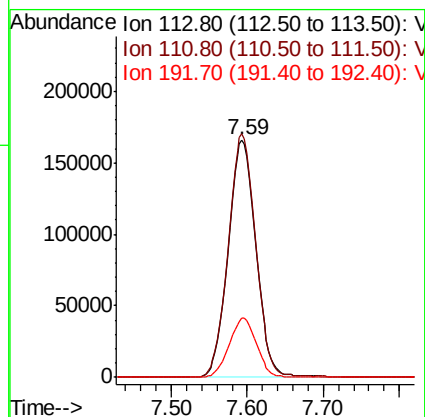
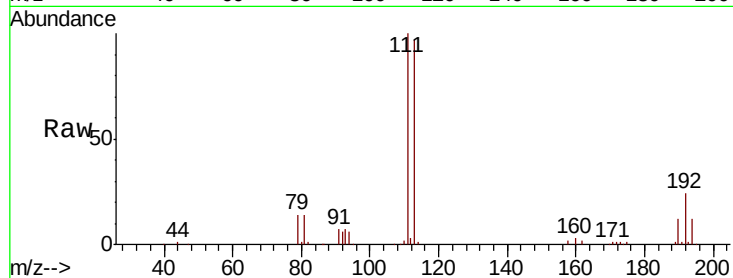
Time--> 8.50 8.60 8.70





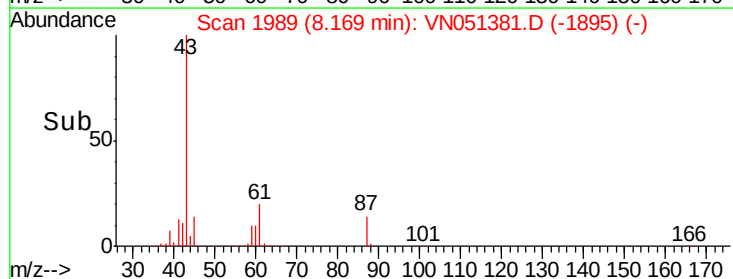
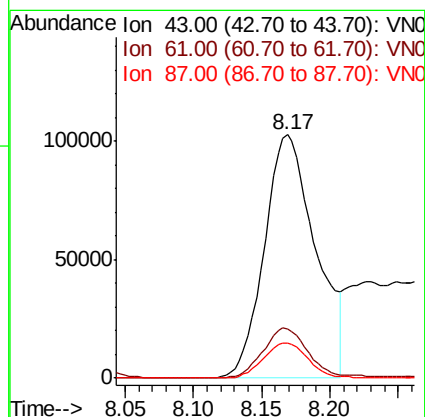
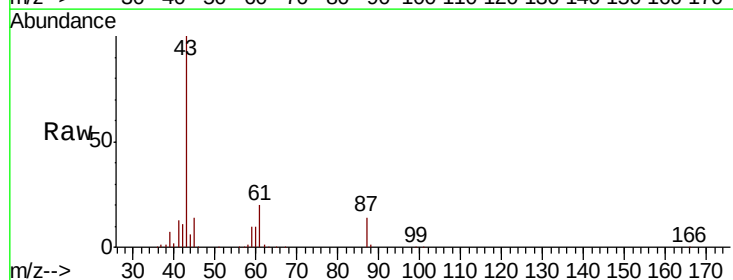
#35
 Dibromofluoromethane
 Concen: 46.258 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051381.D
 Acq: 21 Sep 2018 20:16

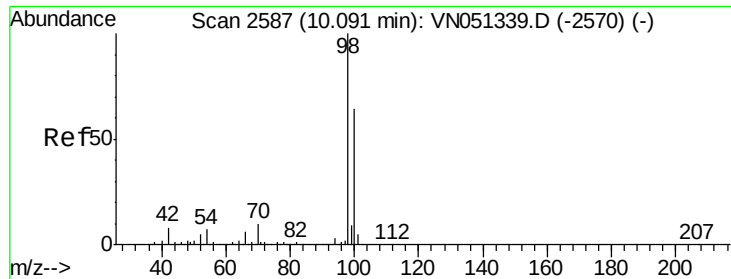
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.9	122.9
192	24.6	19.8	29.6



#43
 Isopropyl Acetate
 Concen: 26.853 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN051381.D
 Acq: 21 Sep 2018 20:16

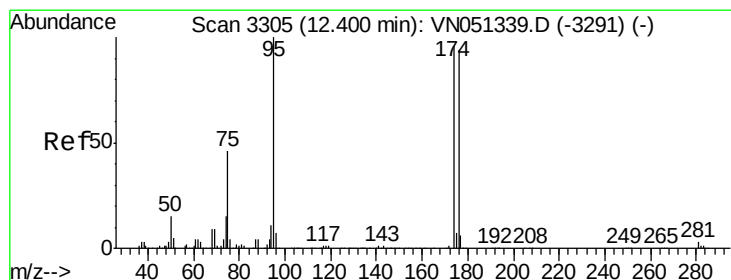
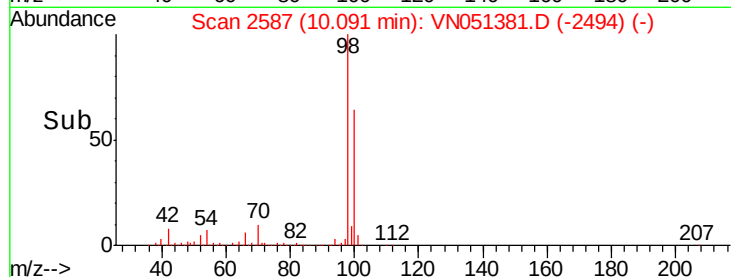
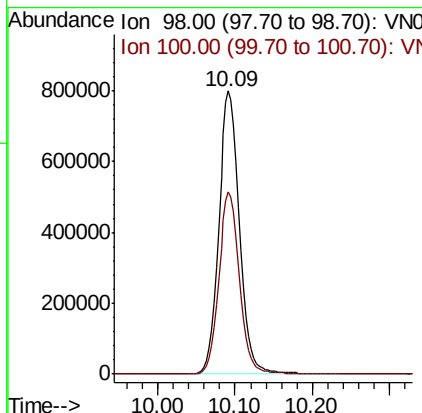
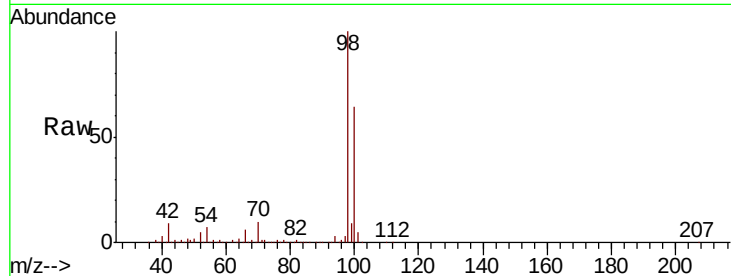
Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.1	18.1	27.1
87	12.6	12.8	19.2#





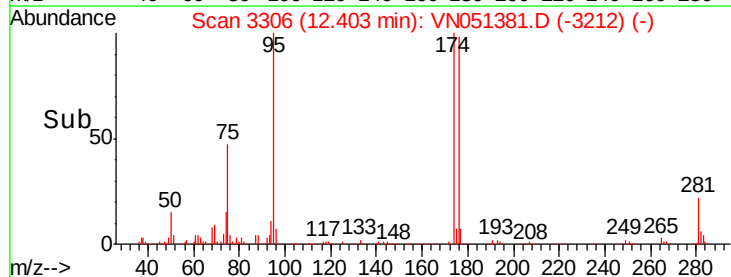
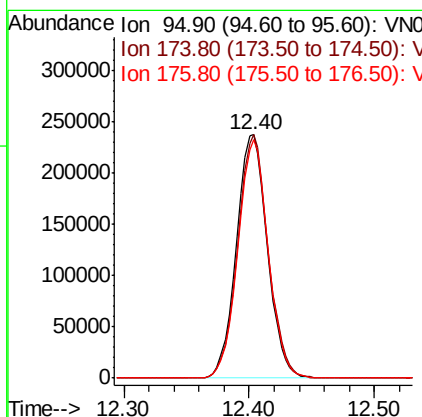
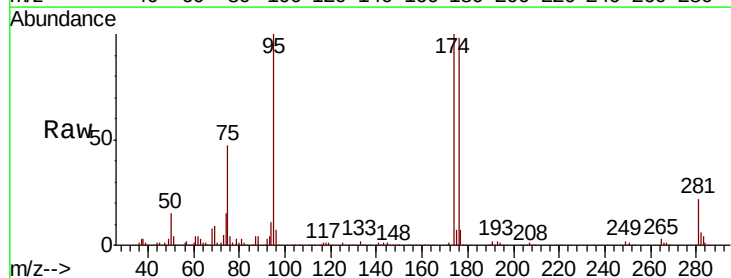
#50
Toluene-d8
Concen: 42.455 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051381.D
Acq: 21 Sep 2018 20:16

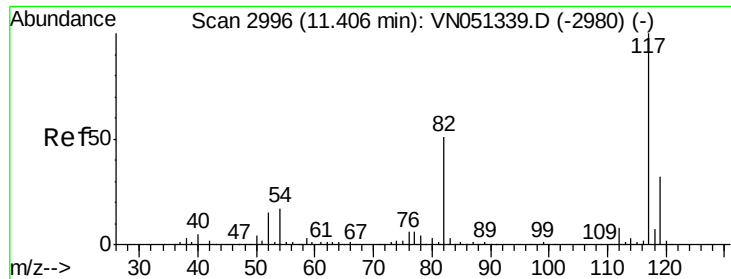
Tot Ion: 98 Resp: 1490145
Ion Ratio Lower Upper
98 100
100 64.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 35.646 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051381.D
Acq: 21 Sep 2018 20:16

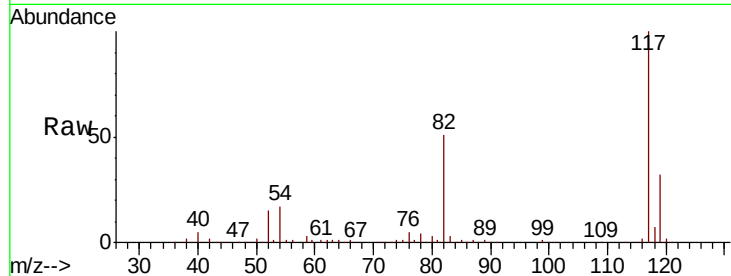
Tgt Ion: 95 Resp: 407033
Ion Ratio Lower Upper
95 100
174 98.7 0.0 194.6
176 95.9 0.0 189.6



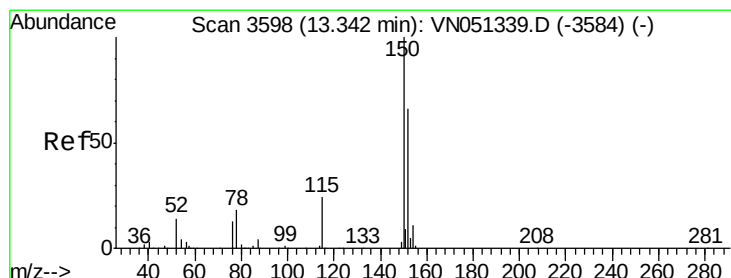
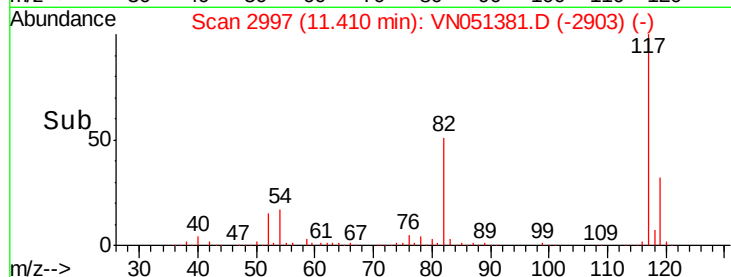
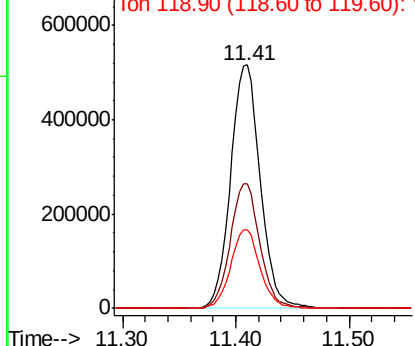


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051381.D
Acq: 21 Sep 2018 20:16

Tot Ion:117 Resp: 942760
Ion Ratio Lower Upper
117 100
82 51.1 40.7 61.1
119 32.2 25.3 37.9

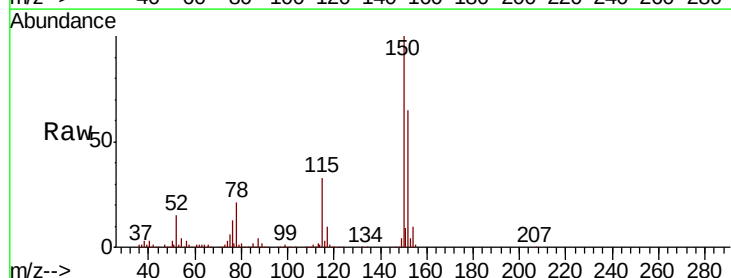


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051381.D
Acq: 21 Sep 2018 20:16

Tgt Ion:152 Resp: 357824
Ion Ratio Lower Upper
152 100
115 53.0 26.9 80.7
150 156.1 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

