

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092218\
 Data File : VN051384.D
 Acq On : 21 Sep 2018 21:30
 Operator : MD\SY
 Sample : PB113086ZHE#15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

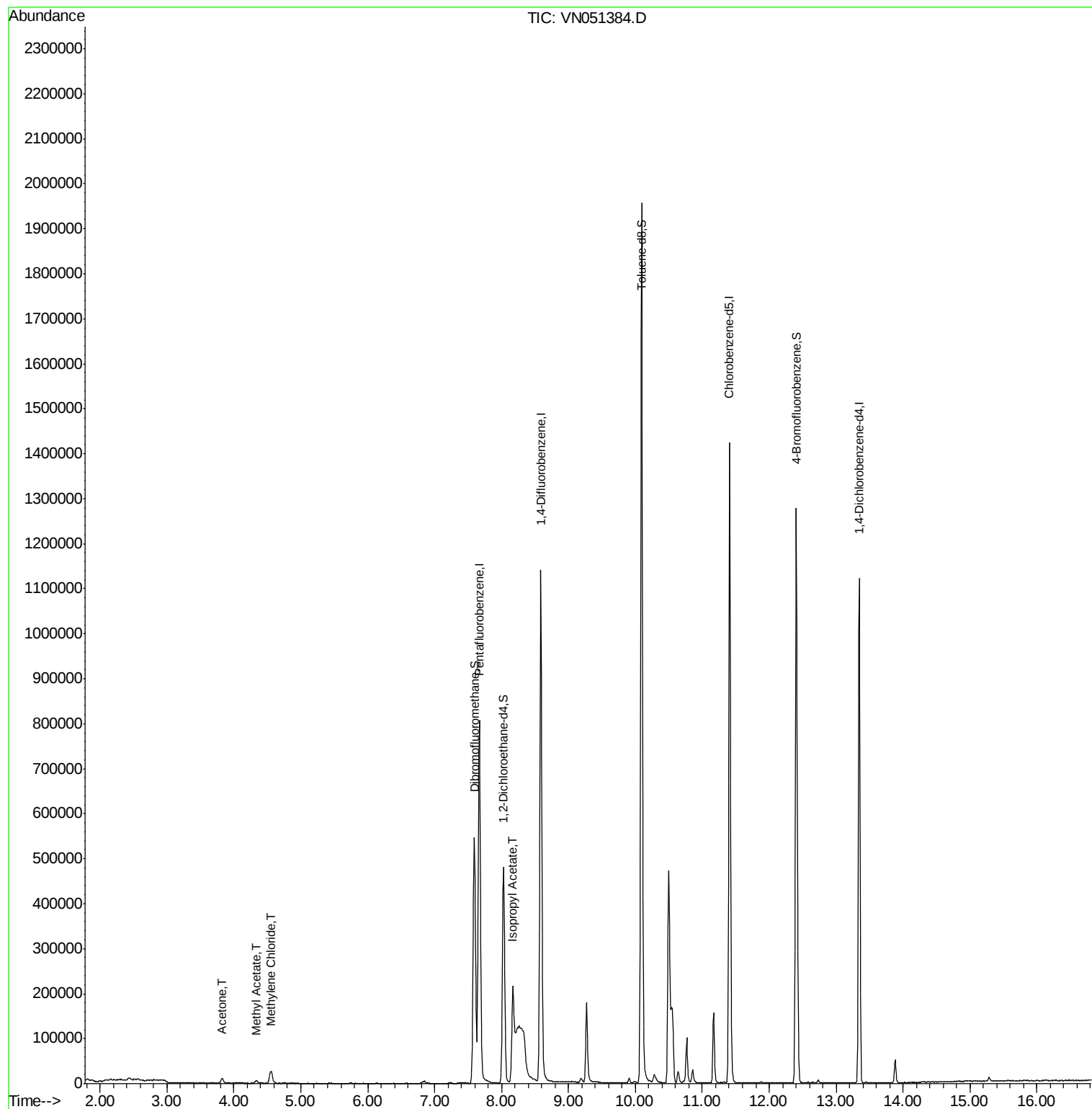
Quant Time: Sep 22 00:17:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 04:23:57 2018
 Response via : Initial Calibration

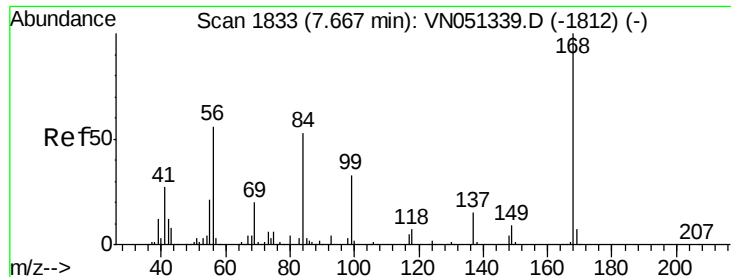
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Pentafluorobenzene	7.67	168	748269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1104543	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	916557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	336817	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	416701	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
35) Dibromofluoromethane	7.59	113	413928	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
50) Toluene-d8	10.09	98	1461195	42.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.16%	
62) 4-Bromofluorobenzene	12.40	95	393542	35.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.50%	
Target Compounds						Qvalue
16) Acetone	3.82	43	19583	10.940	ug/l	95
18) Methyl Acetate	4.33	43	11693	1.398	ug/l	98
20) Methylene Chloride	4.55	84	22270	2.671	ug/l	94
43) Isopropyl Acetate	8.17	43	271694	27.736	ug/l #	90
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 21 04:23:57 2018
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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: VN051384.D

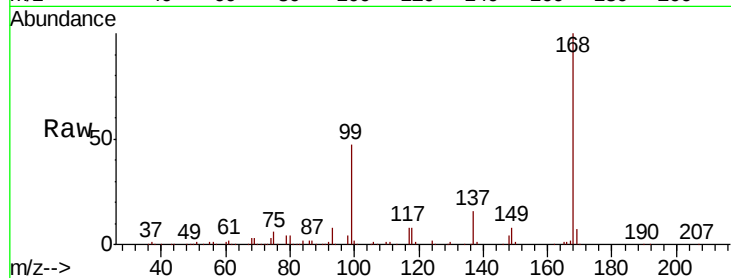
Acq: 21 Sep 2018 21:30

Tot Ion:168 Resp: 748269

Ion Ratio Lower Upper

168 100

99 46.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

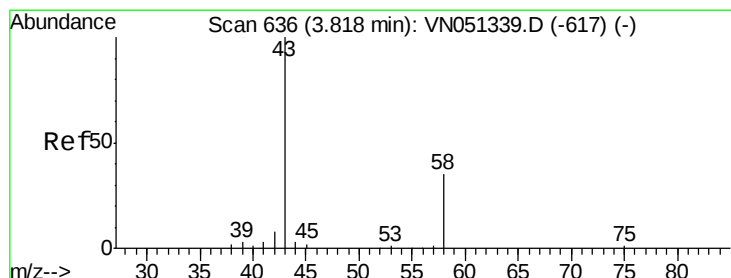
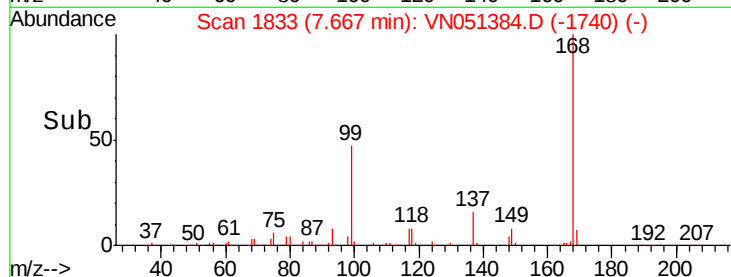
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 10.940 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN051384.D

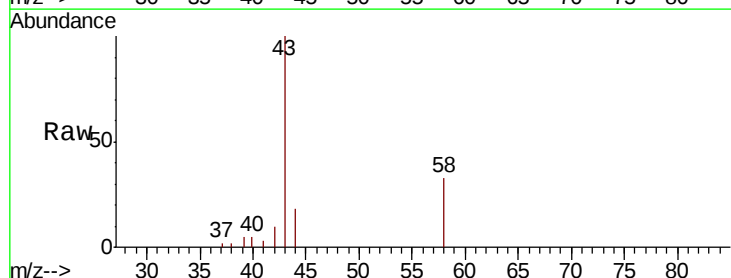
Acq: 21 Sep 2018 21:30

Tgt Ion: 43 Resp: 19583

Ion Ratio Lower Upper

43 100

58 32.6 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

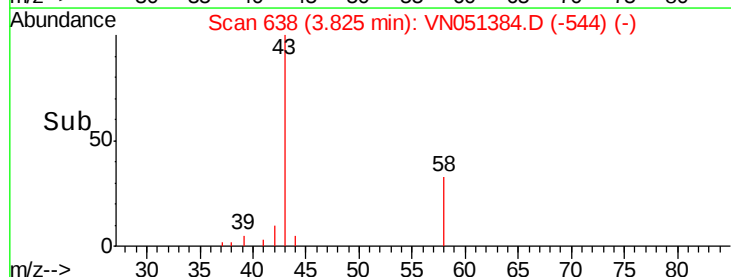
6000

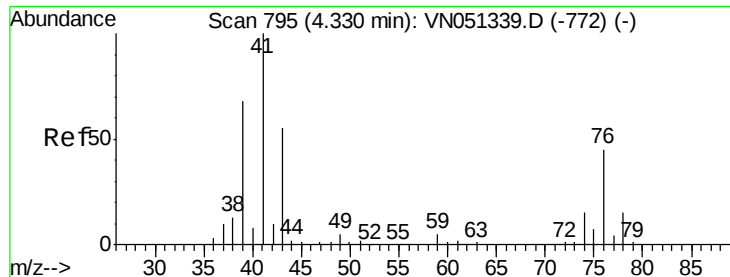
4000

2000

0

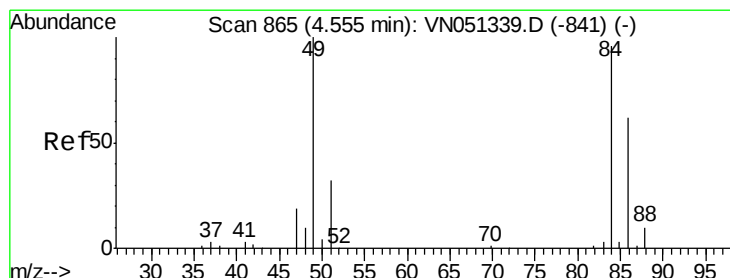
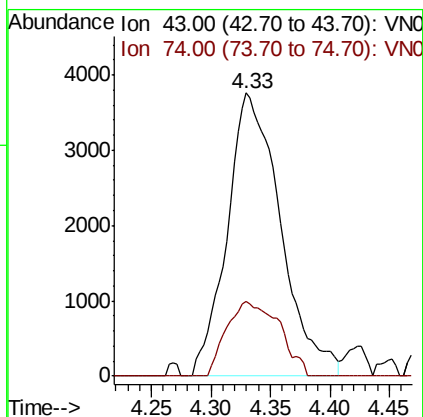
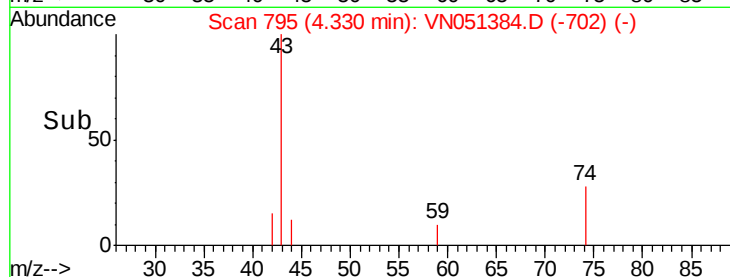
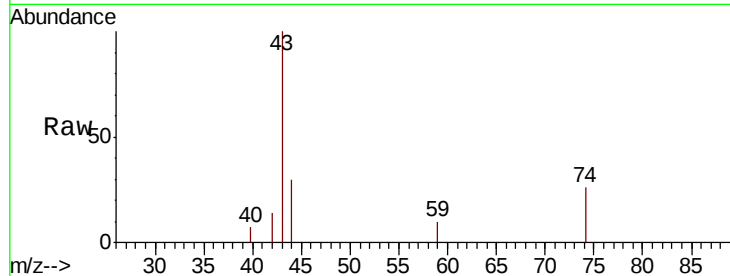
Time--> 3.70 3.80 3.90





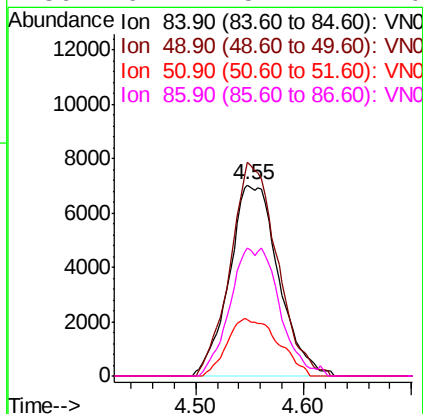
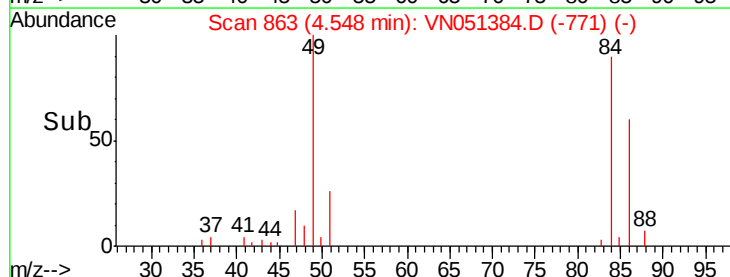
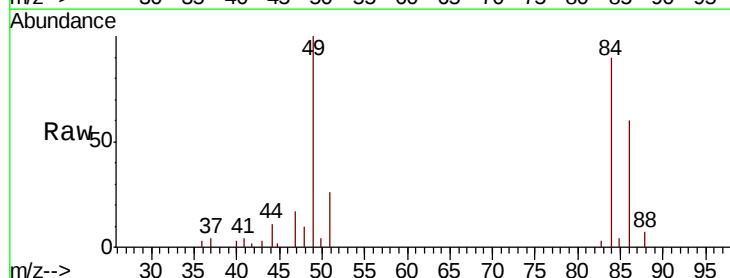
#18
Methyl Acetate
Concen: 1.398 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN051384.D
Acq: 21 Sep 2018 21:30

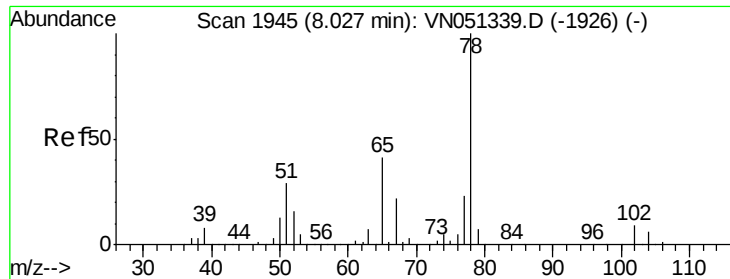
Tot Ion: 43 Resp: 11693
Ion Ratio Lower Upper
43 100
74 26.1 21.7 32.5



#20
Methylene Chloride
Concen: 2.671 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.01 min
Lab File: VN051384.D
Acq: 21 Sep 2018 21:30

Tgt Ion: 84 Resp: 22270
Ion Ratio Lower Upper
84 100
49 111.6 83.2 124.8
51 29.3 26.4 39.6
86 67.1 51.4 77.0





#33

1,2-Dichloroethane-d4

Concen: 51.380 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051384.D

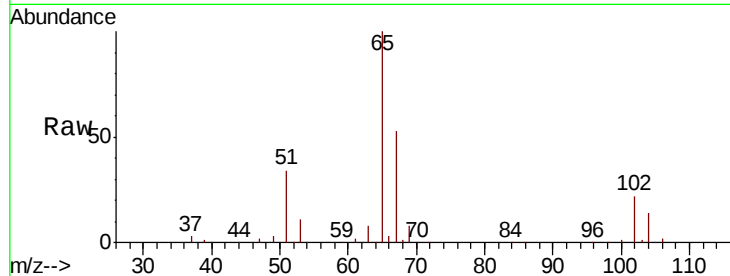
Acq: 21 Sep 2018 21:30

Tot Ion: 65 Resp: 416701

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

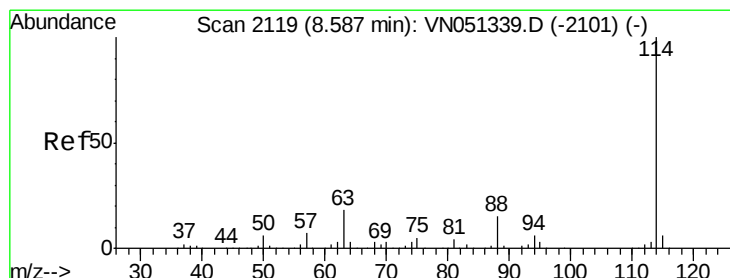
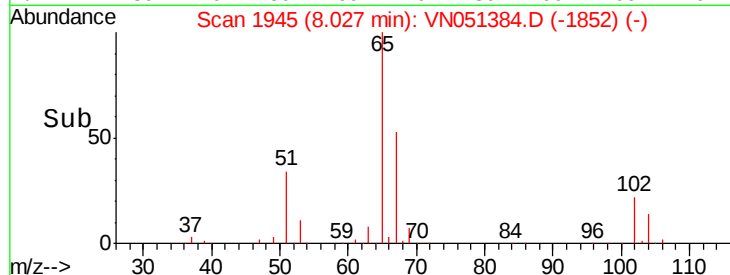
150000

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: VN051384.D

Acq: 21 Sep 2018 21:30

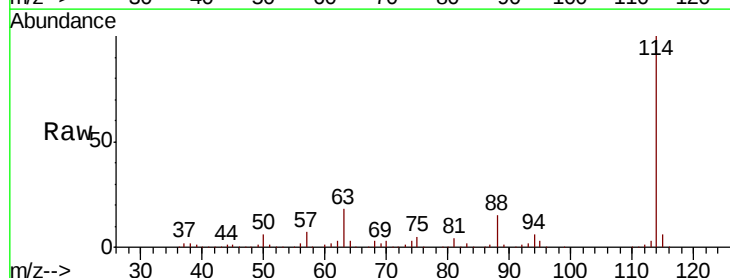
Tgt Ion: 114 Resp: 1104543

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.6

88 14.8 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

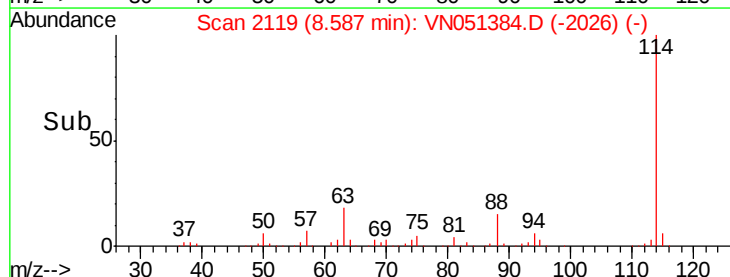
600000

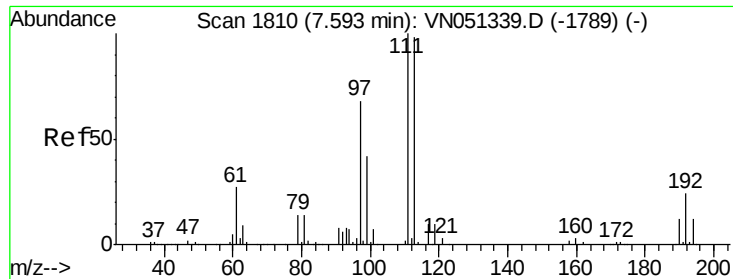
400000

200000

0

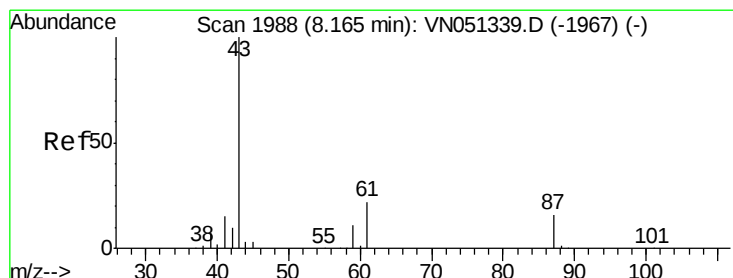
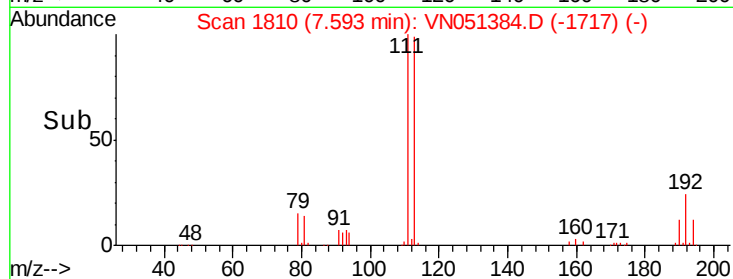
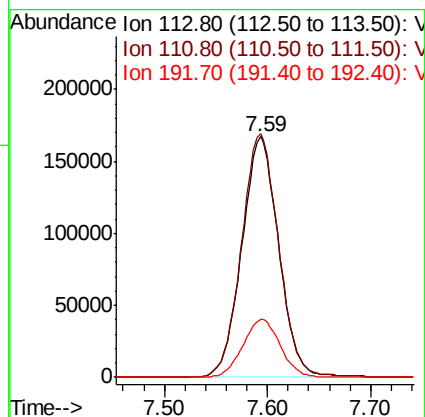
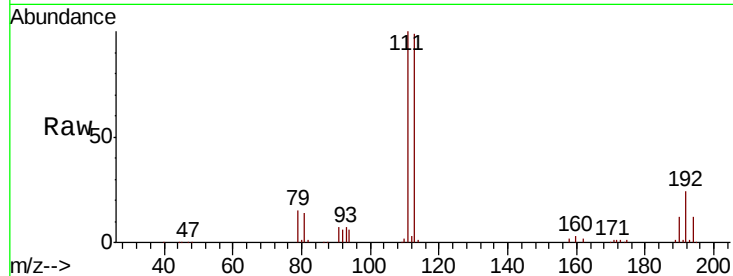
Time--> 8.50 8.60 8.70





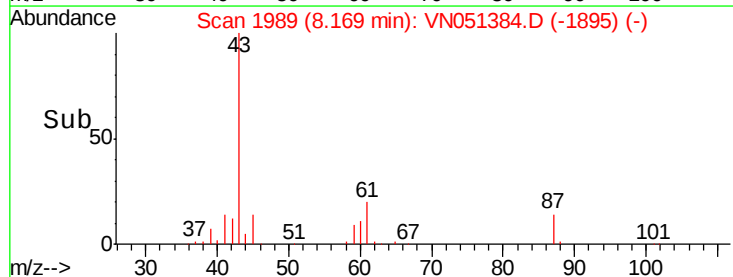
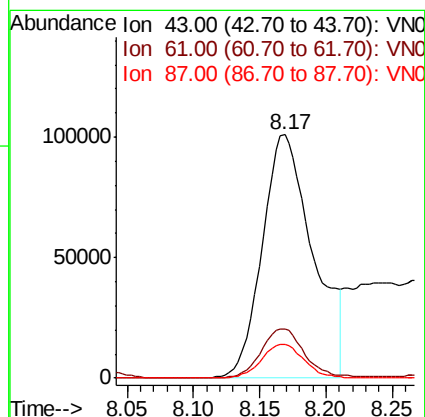
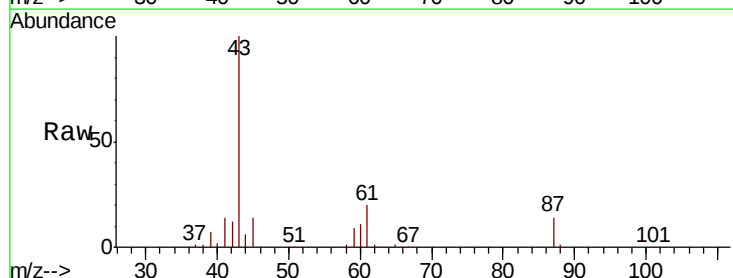
#35
 Dibromofluoromethane
 Concen: 46.372 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051384.D
 Acq: 21 Sep 2018 21:30

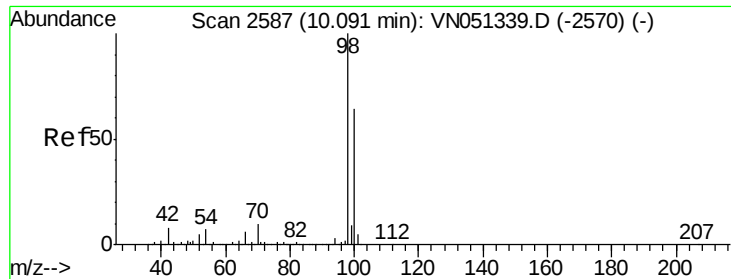
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	24.5	19.8	29.6



#43
 Isopropyl Acetate
 Concen: 27.736 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN051384.D
 Acq: 21 Sep 2018 21:30

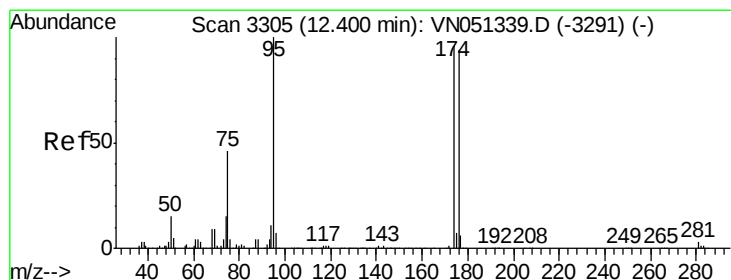
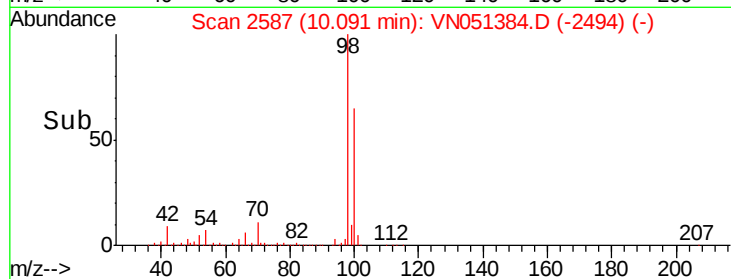
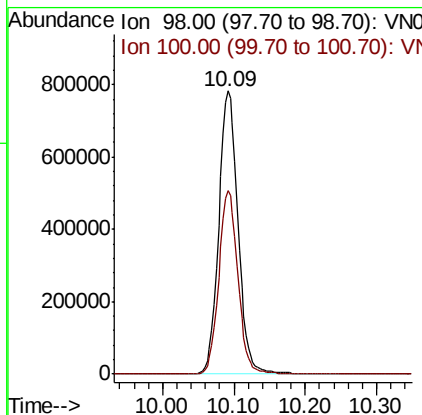
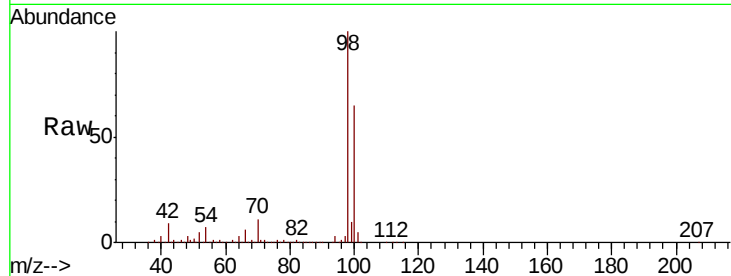
Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.5	18.1	27.1#
87	11.7	12.8	19.2#





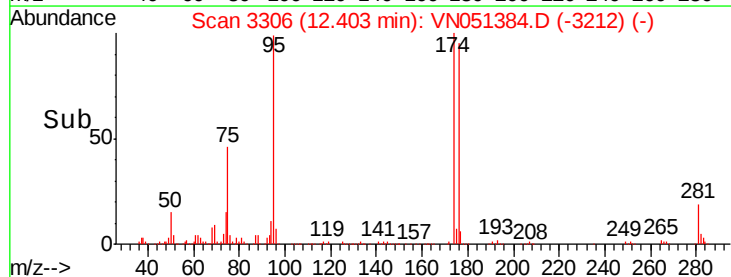
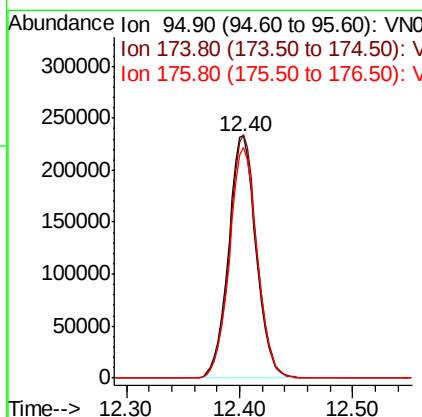
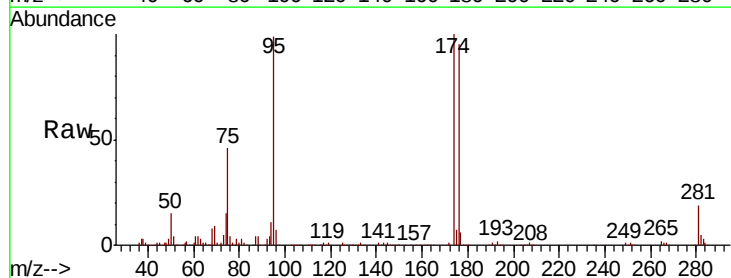
#50
Toluene-d8
Concen: 42.582 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051384.D
Acq: 21 Sep 2018 21:30

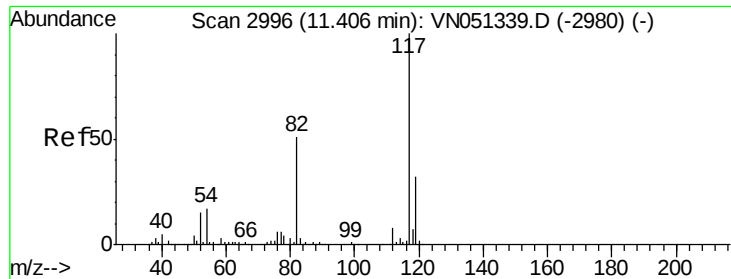
Tot Ion: 98 Resp: 1461195
Ion Ratio Lower Upper
98 100
100 64.5 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 35.252 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051384.D
Acq: 21 Sep 2018 21:30

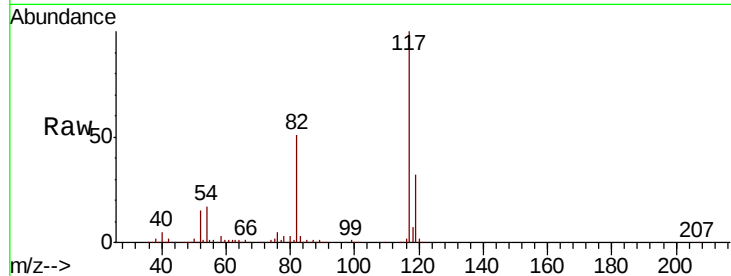
Tgt Ion: 95 Resp: 393542
Ion Ratio Lower Upper
95 100
174 100.3 0.0 194.6
176 95.6 0.0 189.6



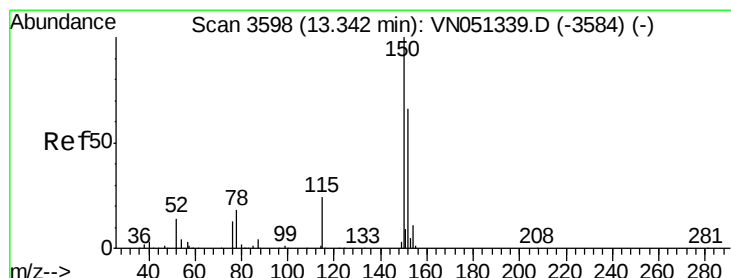
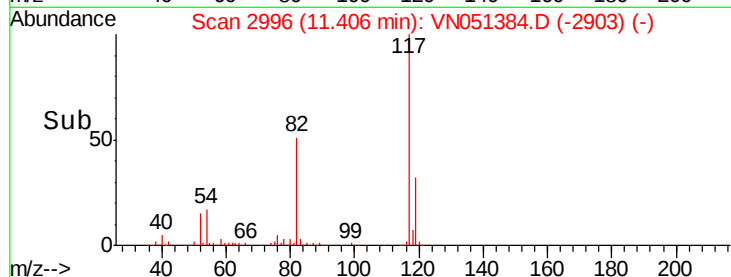
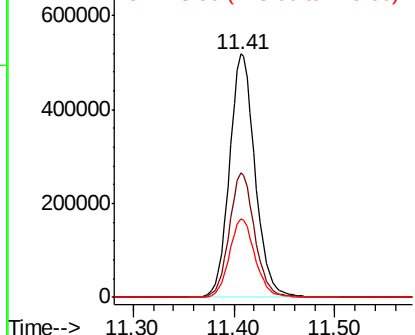


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051384.D
Acq: 21 Sep 2018 21:30

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	40.7	61.1
119	32.2	25.3	37.9

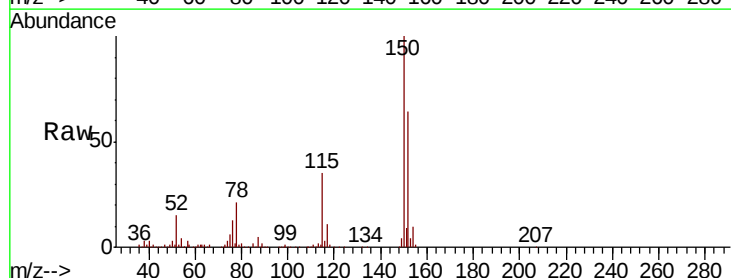


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051384.D
Acq: 21 Sep 2018 21:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	26.9	80.7
150	156.8	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

