

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092218\
 Data File : VN051382.D
 Acq On : 21 Sep 2018 20:41
 Operator : MD\SY
 Sample : PB113086ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

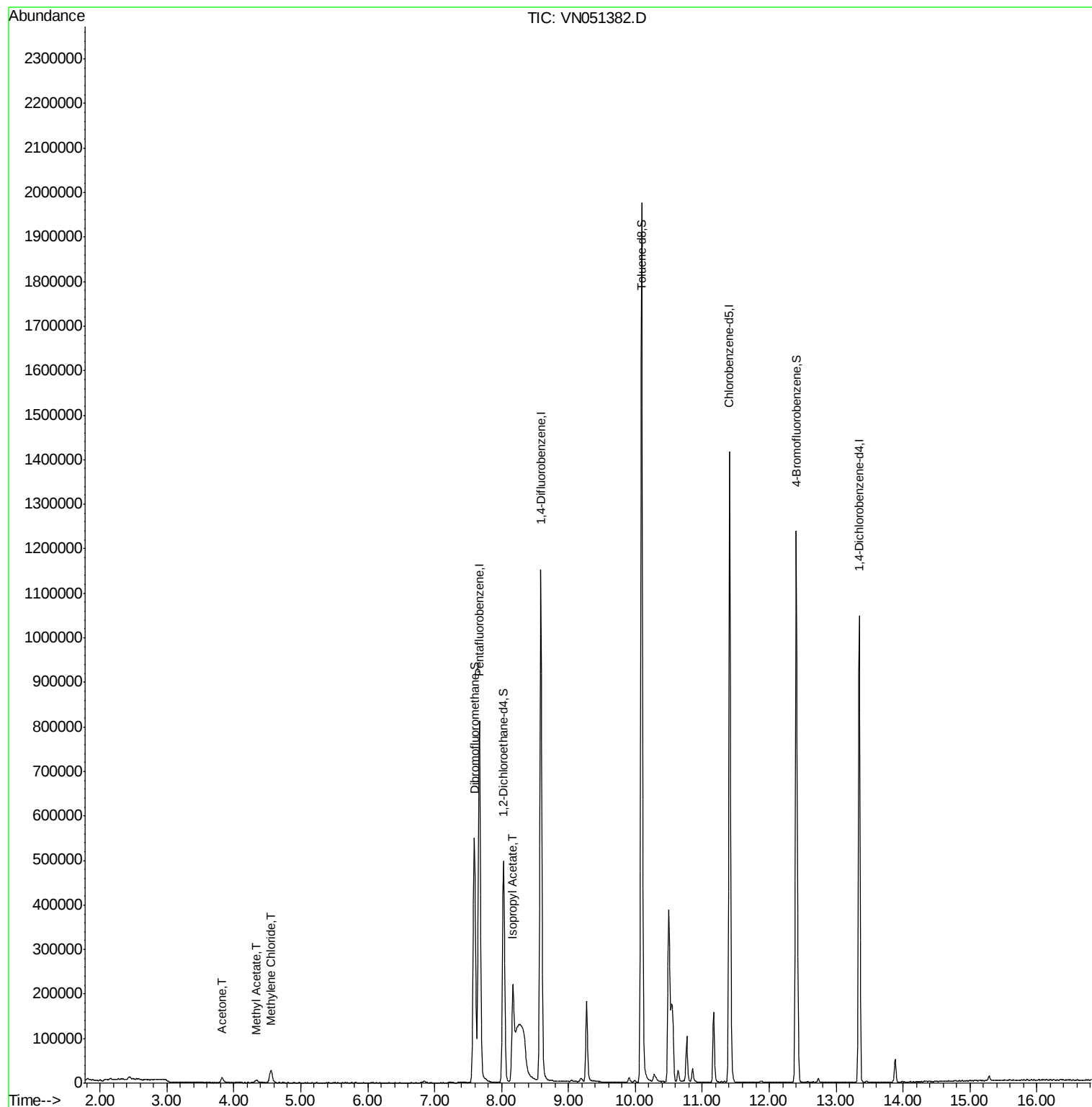
Quant Time: Sep 22 00:13:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 04:23:57 2018
 Response via : Initial Calibration

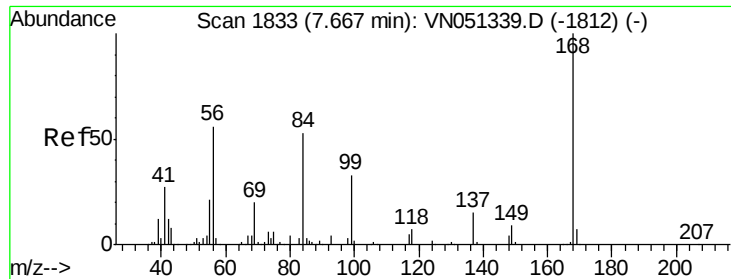
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	746510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1124434	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	915646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	316344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	426600	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
35) Dibromofluoromethane	7.59	113	418351	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
50) Toluene-d8	10.09	98	1482290	42.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.86%	
62) 4-Bromofluorobenzene	12.40	95	384893	33.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.74%	
Target Compounds						
16) Acetone	3.82	43	20282	11.458	ug/l	95
18) Methyl Acetate	4.33	43	12541	1.585	ug/l	92
20) Methylene Chloride	4.55	84	22017	2.647	ug/l	97
43) Isopropyl Acetate	8.17	43	289404	29.021	ug/l #	88

(#) = 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: VN051382.D

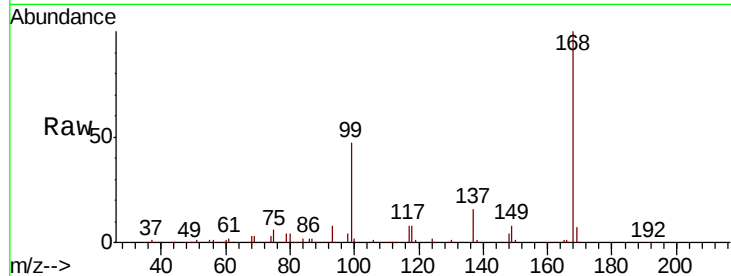
Acq: 21 Sep 2018 20:41

Tot Ion:168 Resp: 746510

Ion Ratio Lower Upper

168 100

99 46.6 37.1 55.7



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

Ion 98.90 (98.60 to 99.60): VN051339.D

7.67

300000

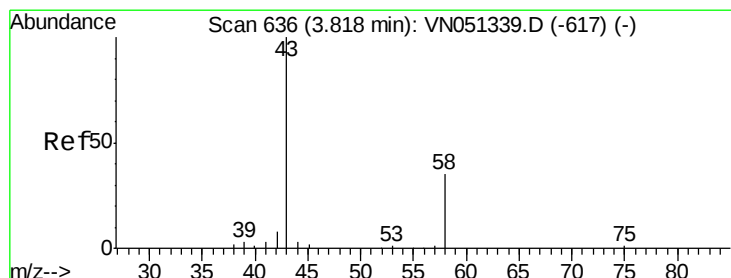
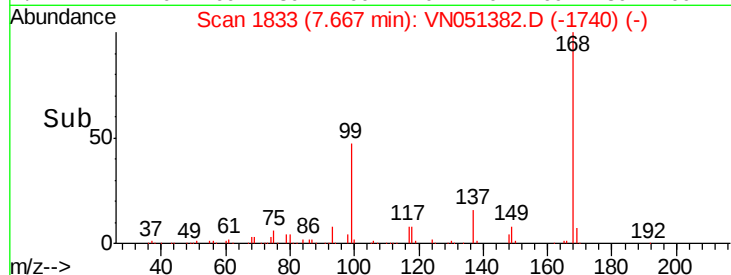
200000

100000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 11.458 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051382.D

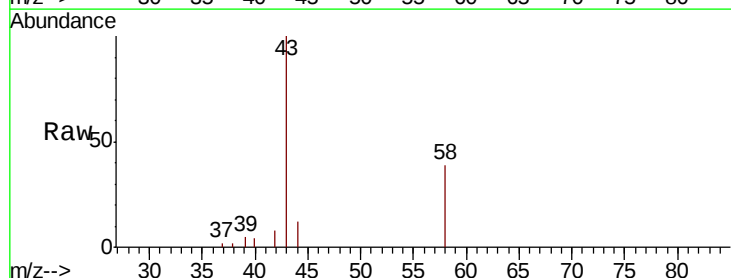
Acq: 21 Sep 2018 20:41

Tgt Ion: 43 Resp: 20282

Ion Ratio Lower Upper

43 100

58 38.6 28.3 42.5



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

Ion 58.00 (57.70 to 58.70): VN051339.D

3.82

8000

6000

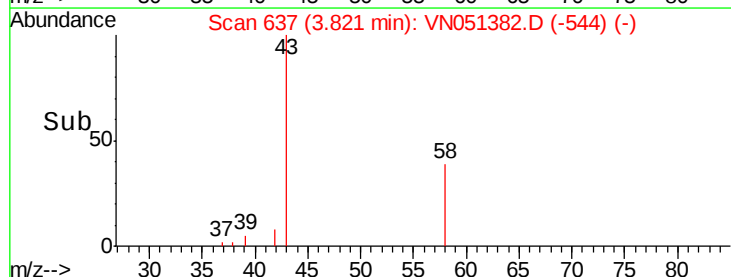
4000

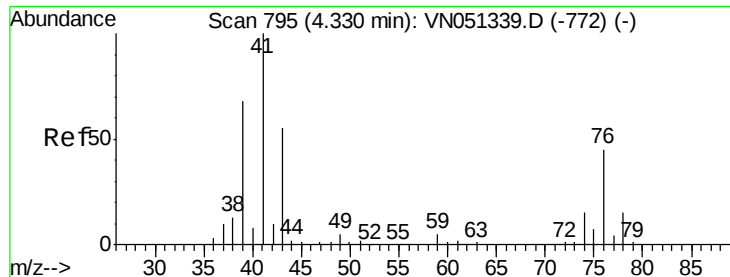
2000

0

Time-->

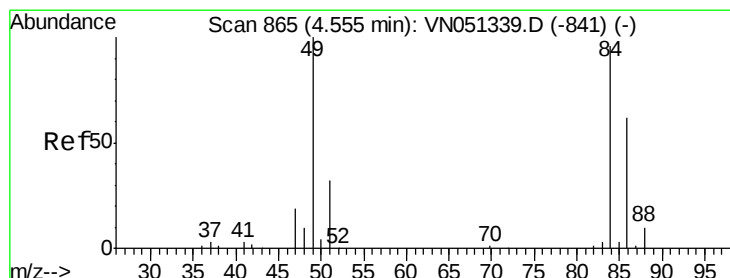
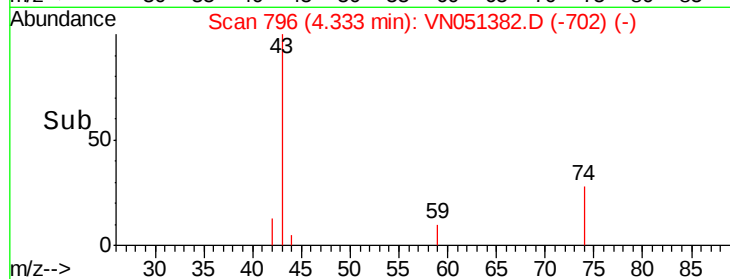
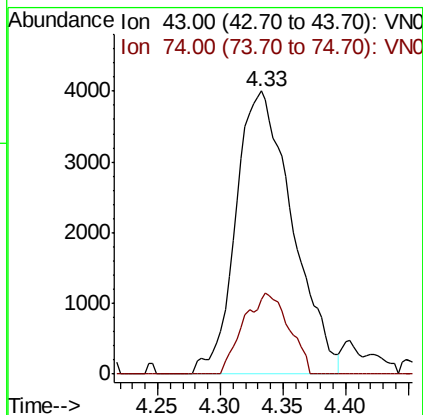
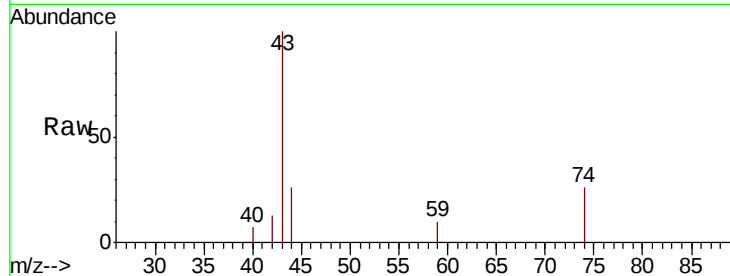
3.70 3.80 3.90





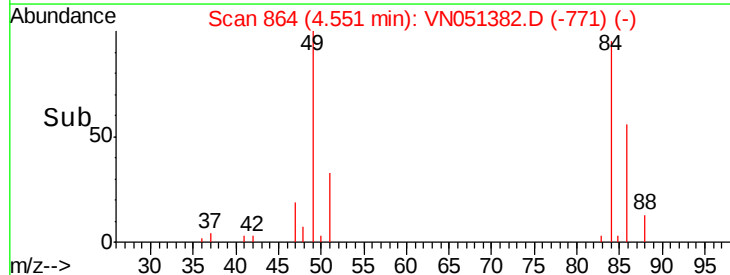
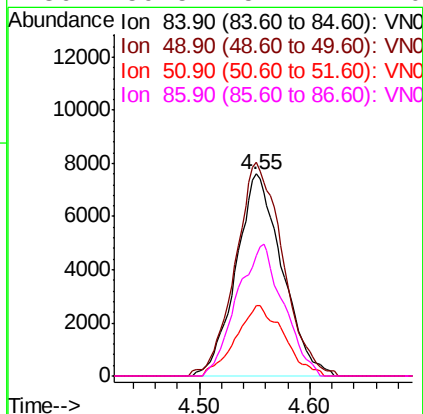
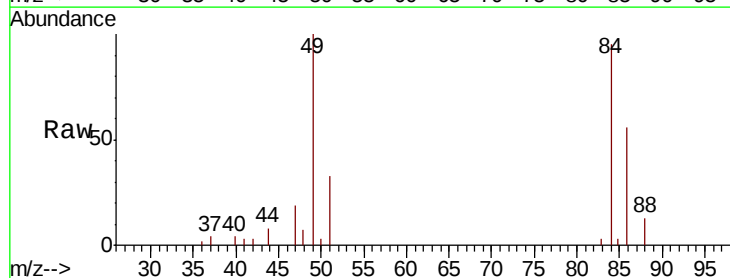
#18
Methvl Acetate
Concen: 1.585 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN051382.D
Acq: 21 Sep 2018 20:41

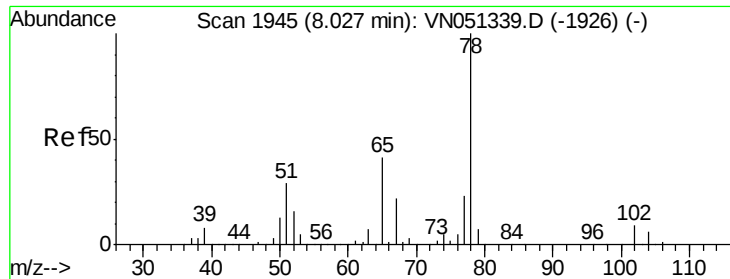
Tot Ion: 43 Resp: 12541
Ion Ratio Lower Upper
43 100
74 22.9 21.7 32.5



#20
Methylene Chloride
Concen: 2.647 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051382.D
Acq: 21 Sep 2018 20:41

Tgt Ion: 84 Resp: 22017
Ion Ratio Lower Upper
84 100
49 105.7 83.2 124.8
51 34.8 26.4 39.6
86 59.5 51.4 77.0





#33

1,2-Dichloroethane-d4

Concen: 52.725 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051382.D

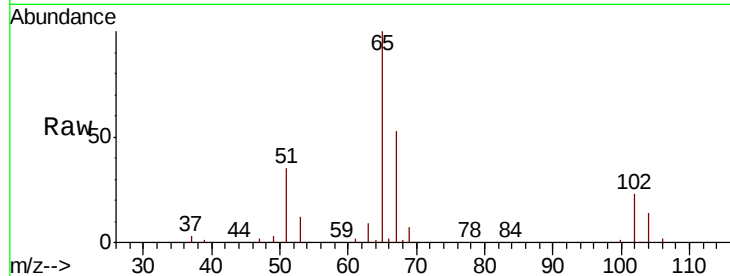
Acq: 21 Sep 2018 20:41

Tot Ion: 65 Resp: 426600

Ion Ratio Lower Upper

65 100

67 53.7 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

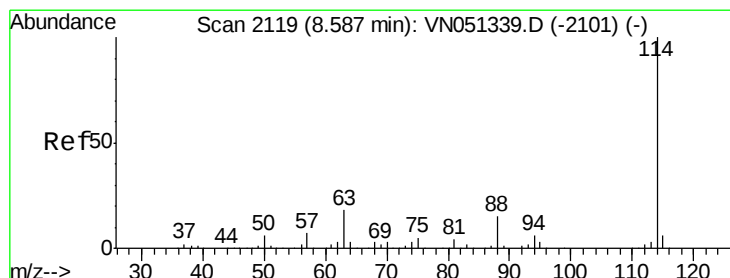
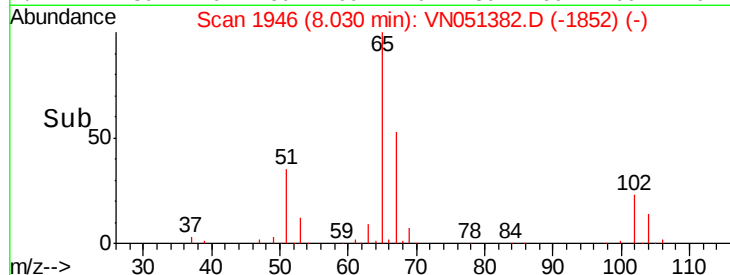
150000

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: VN051382.D

Acq: 21 Sep 2018 20:41

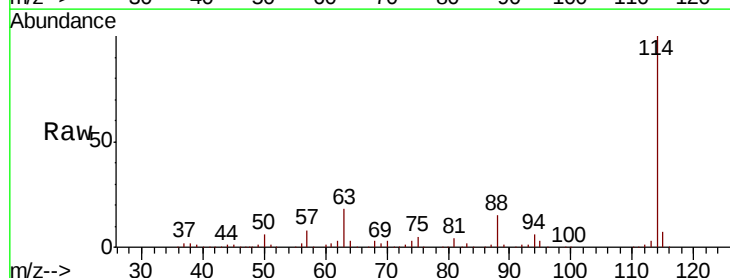
Tgt Ion: 114 Resp: 1124434

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.6

88 14.9 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

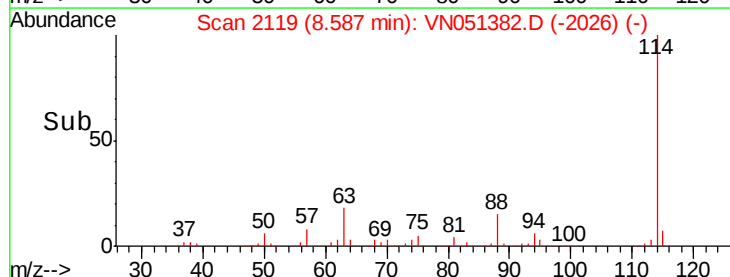
600000

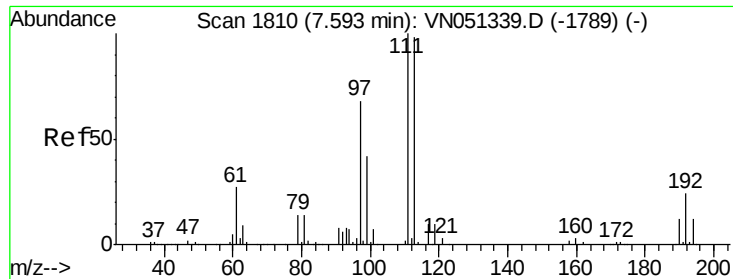
400000

200000

0

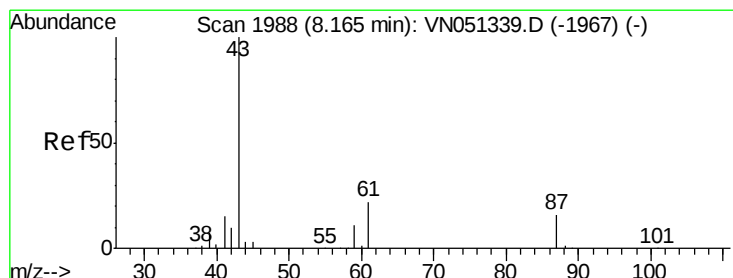
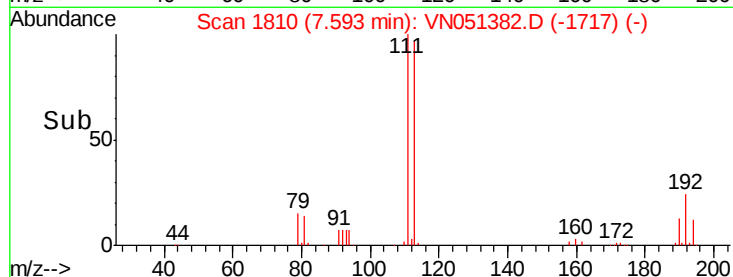
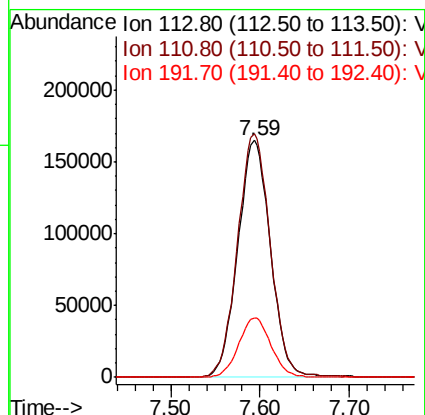
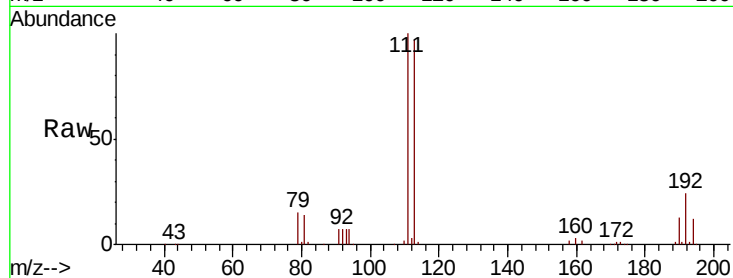
Time--> 8.50 8.60 8.70 8.80





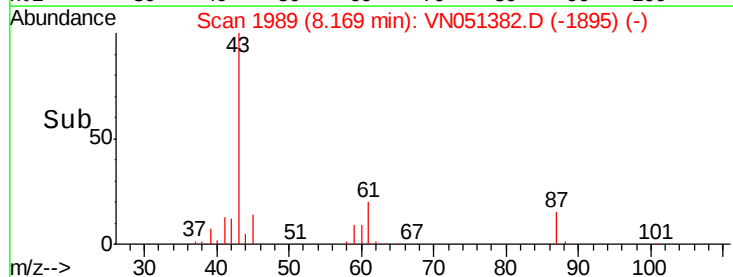
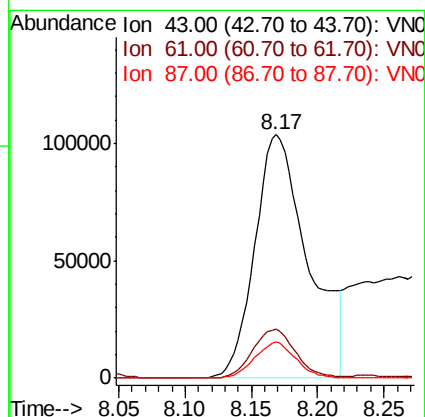
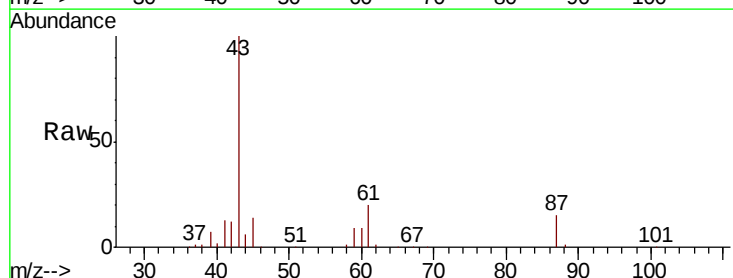
#35
 Dibromofluoromethane
 Concen: 46.039 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051382.D
 Acq: 21 Sep 2018 20:41

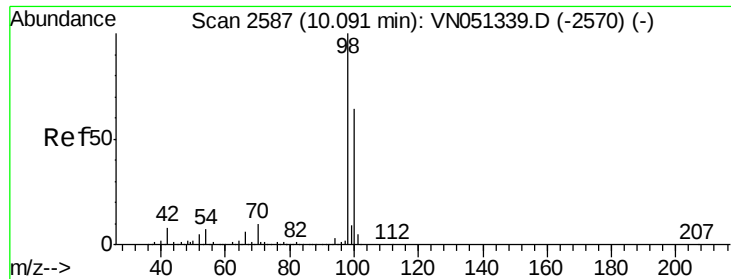
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.9	122.9
192	24.9	19.8	29.6



#43
 Isopropyl Acetate
 Concen: 29.021 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN051382.D
 Acq: 21 Sep 2018 20:41

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.3	18.1	27.1#
87	11.5	12.8	19.2#





#50

Toluene-d8

Concen: 42.433 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051382.D

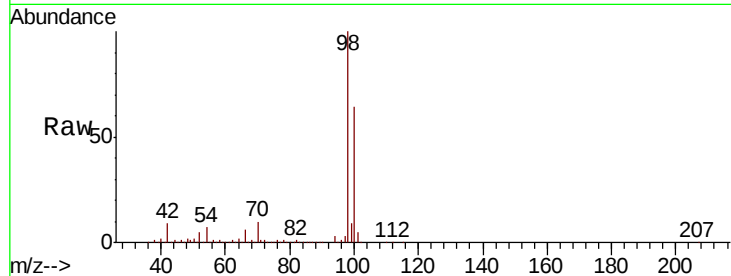
Acq: 21 Sep 2018 20:41

Tot Ion: 98 Resp: 1482290

Ion Ratio Lower Upper

98 100

100 63.7 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) (-)

10.09

800000

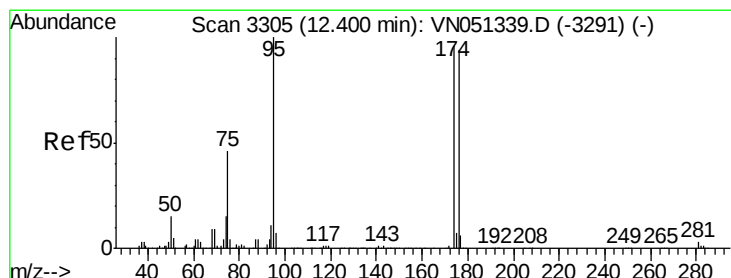
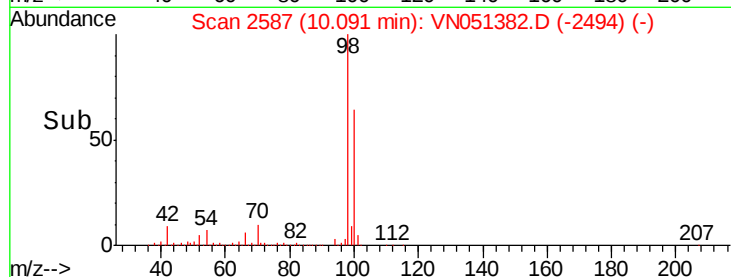
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 33.868 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051382.D

Acq: 21 Sep 2018 20:41

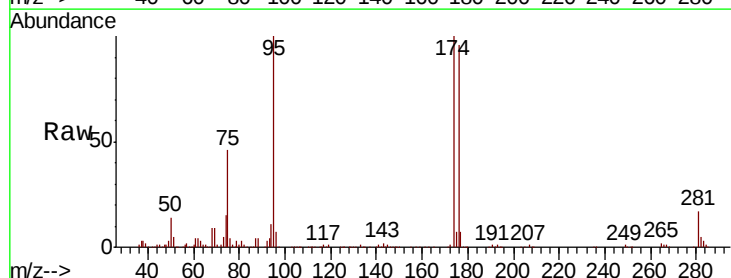
Tgt Ion: 95 Resp: 384893

Ion Ratio Lower Upper

95 100

174 100.2 0.0 194.6

176 96.9 0.0 189.6



Abundance Ion 94.90 (94.60 to 95.60): VN051339.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051339.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051339.D (-3291) (-)

12.40

300000

250000

200000

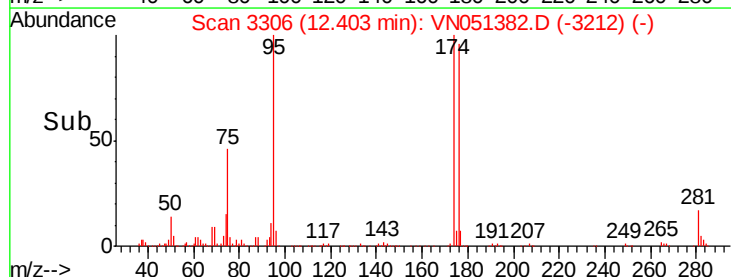
150000

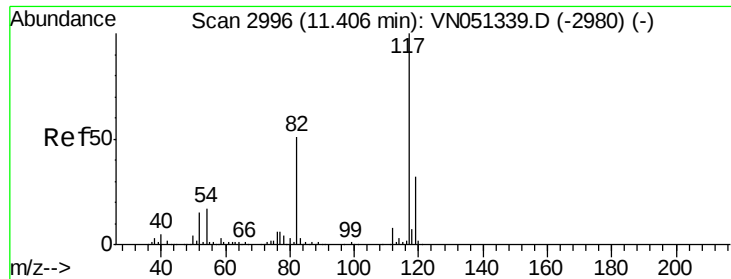
100000

50000

0

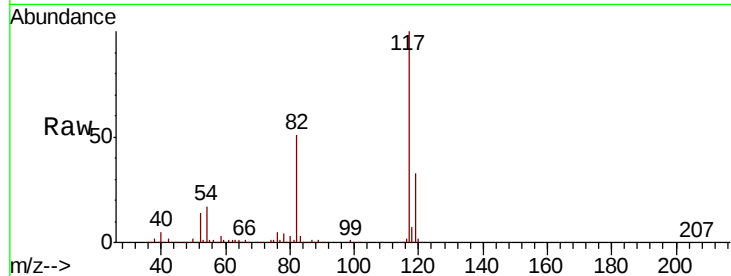
Time-->



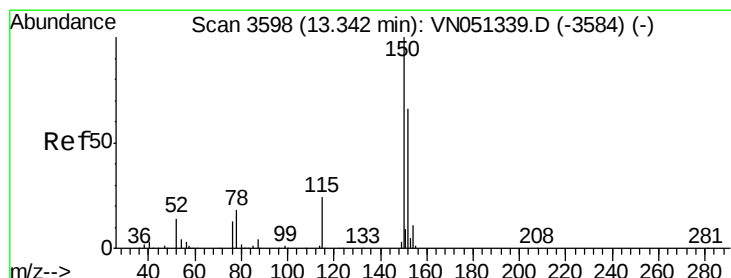
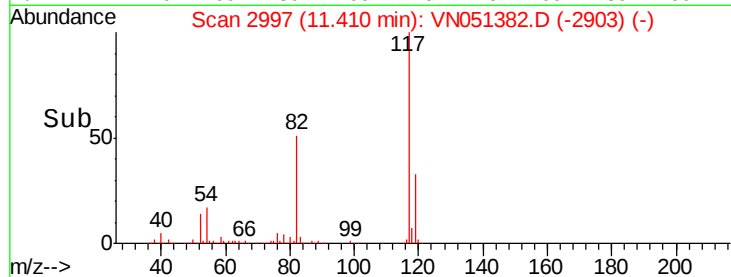
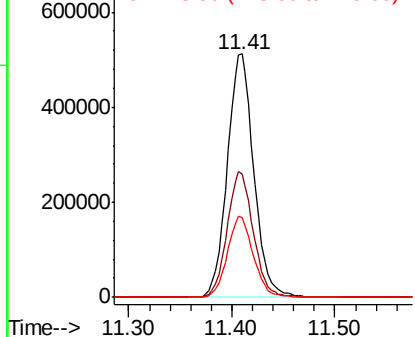


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051382.D
Acq: 21 Sep 2018 20:41

Tot Ion:117 Resp: 915646
Ion Ratio Lower Upper
117 100
82 50.6 40.7 61.1
119 32.7 25.3 37.9

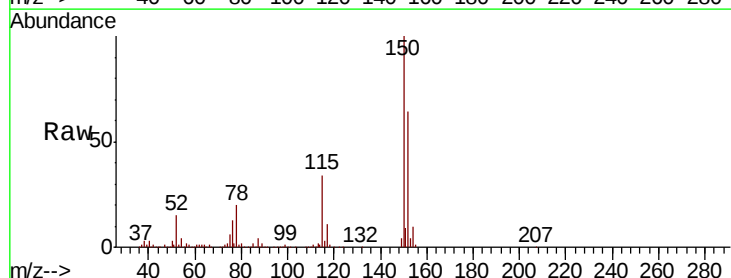


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051382.D
Acq: 21 Sep 2018 20:41

Tgt Ion:152 Resp: 316344
Ion Ratio Lower Upper
152 100
115 53.3 26.9 80.7
150 157.2 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

