

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092218\  
 Data File : VN051385.D  
 Acq On : 21 Sep 2018 21:54  
 Operator : MD\SY  
 Sample : PB113086ZHE#16  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

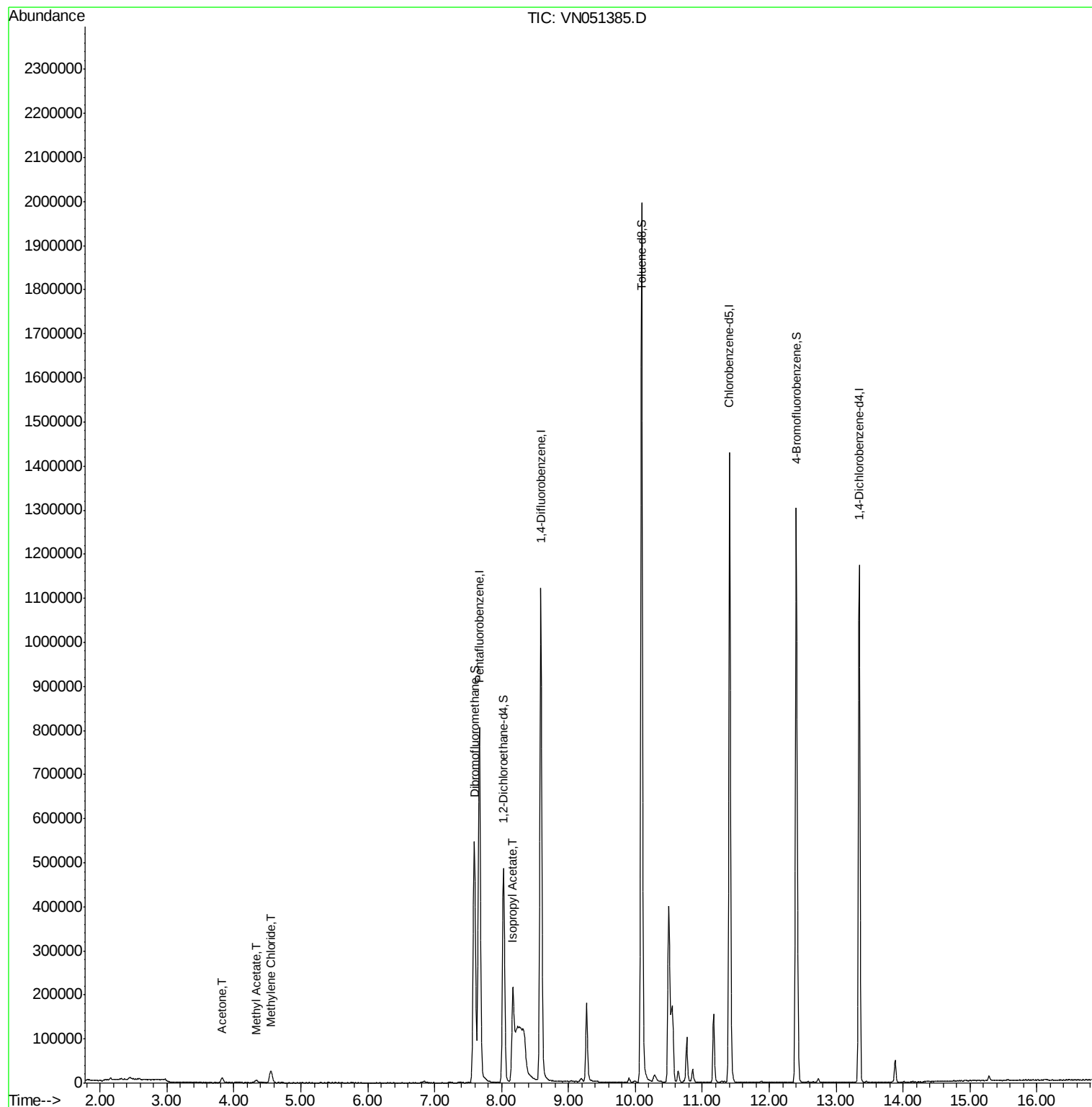
Quant Time: Sep 22 00:19:38 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N092018W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 21 04:23:57 2018  
 Response via : Initial Calibration

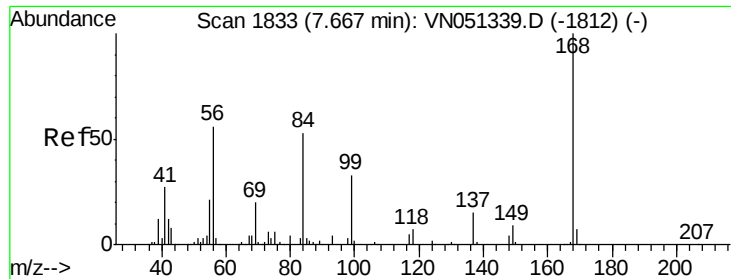
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.67  | 168  | 737386   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.59  | 114  | 1105362  | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.41 | 117  | 930514   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.35 | 152  | 359145   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 423099   | 52.94  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 105.88% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 416592   | 46.64  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 93.28%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 1470789  | 42.83  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 85.66%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 406744   | 36.41  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 72.82%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 3.82  | 43   | 18959    | 10.701 | ug/l    | 98       |
| 18) Methyl Acetate          | 4.33  | 43   | 11964    | 1.494  | ug/l    | 94       |
| 20) Methylene Chloride      | 4.56  | 84   | 22133    | 2.694  | ug/l    | 97       |
| 43) Isopropyl Acetate       | 8.17  | 43   | 261458   | 26.671 | ug/l #  | 92       |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092218\  
Data File : VN051385.D  
Acq On : 21 Sep 2018 21:54  
Operator : MD\SY  
Sample : PB113086ZHE#16  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 22 00:19:38 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051385.D

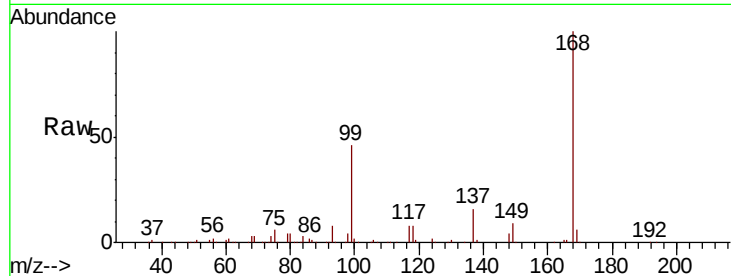
Acq: 21 Sep 2018 21:54

Tot Ion:168 Resp: 737386

Ion Ratio Lower Upper

168 100

99 45.8 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

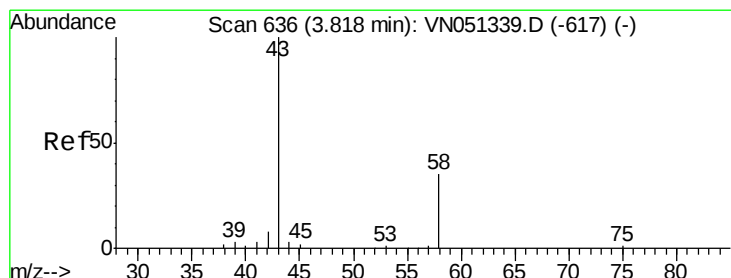
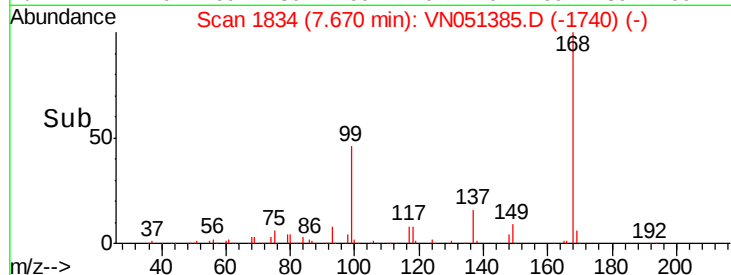
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 10.701 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN051385.D

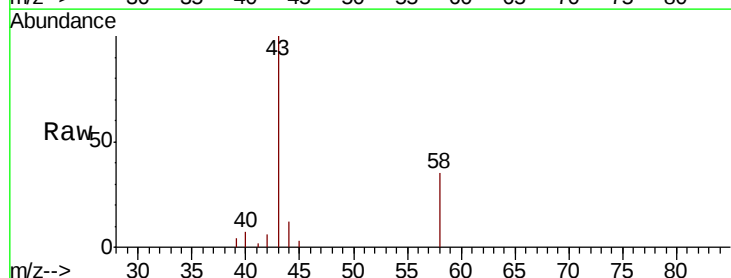
Acq: 21 Sep 2018 21:54

Tgt Ion: 43 Resp: 18959

Ion Ratio Lower Upper

43 100

58 34.5 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

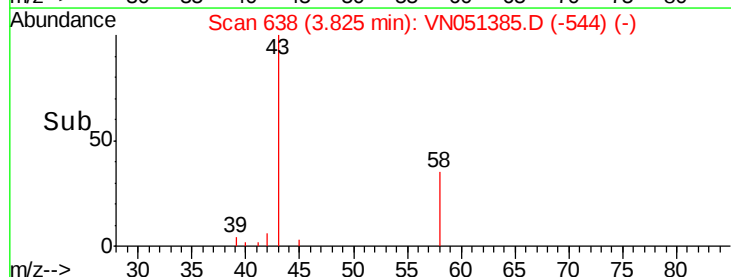
6000

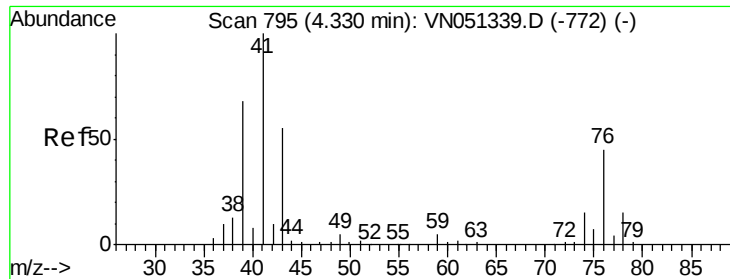
4000

2000

0

Time-->





#18

Methyl Acetate

Concen: 1.494 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN051385.D

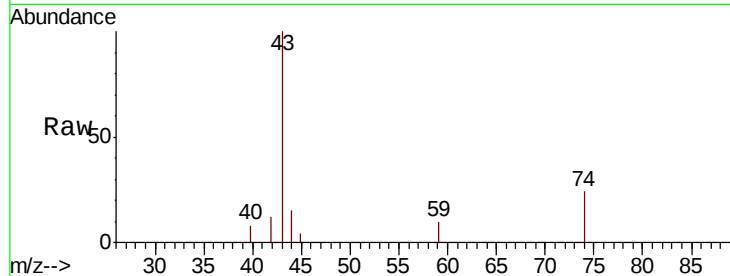
Acq: 21 Sep 2018 21:54

Tot Ion: 43 Resp: 11964

Ion Ratio Lower Upper

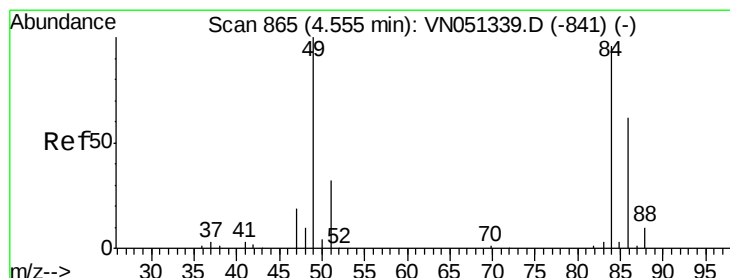
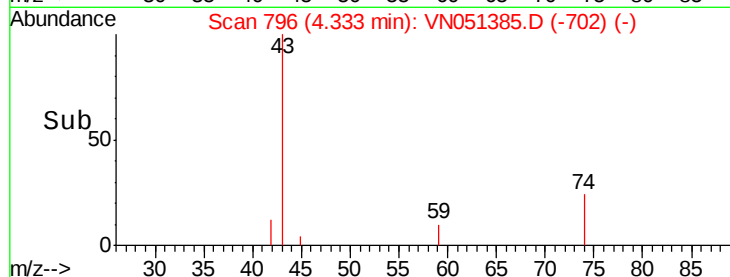
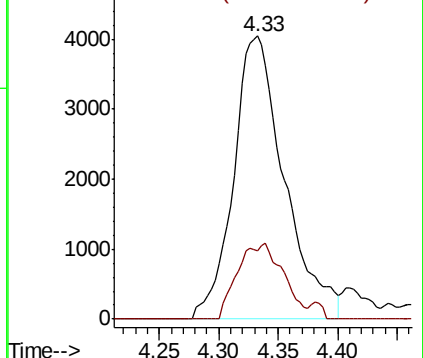
43 100

74 24.2 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VN051385.D (-772) (-)

Ion 74.00 (73.70 to 74.70): VN051385.D (-772) (-)



#20

Methylene Chloride

Concen: 2.694 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN051385.D

Acq: 21 Sep 2018 21:54

Tgt Ion: 84 Resp: 22133

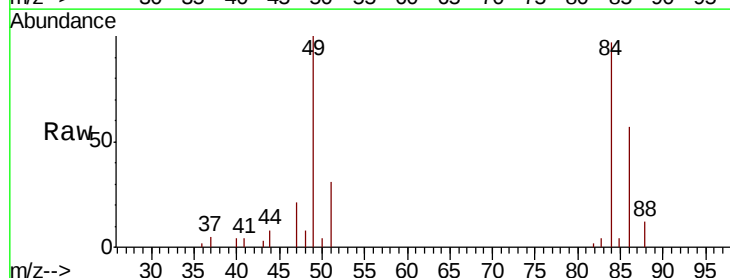
Ion Ratio Lower Upper

84 100

49 102.9 83.2 124.8

51 32.2 26.4 39.6

86 58.6 51.4 77.0

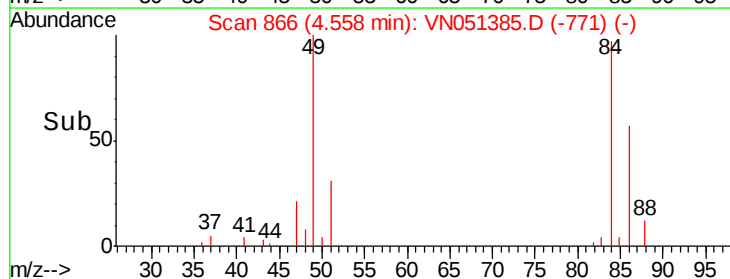
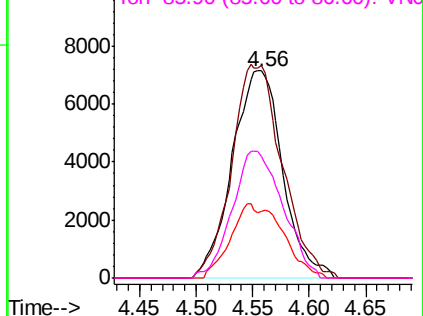


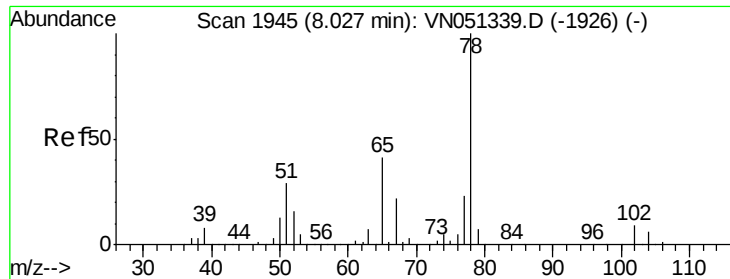
Abundance Ion 83.90 (83.60 to 84.60): VN051385.D (-771) (-)

Ion 48.90 (48.60 to 49.60): VN051385.D (-771) (-)

Ion 50.90 (50.60 to 51.60): VN051385.D (-771) (-)

Ion 85.90 (85.60 to 86.60): VN051385.D (-771) (-)





#33

1,2-Dichloroethane-d4

Concen: 52.939 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051385.D

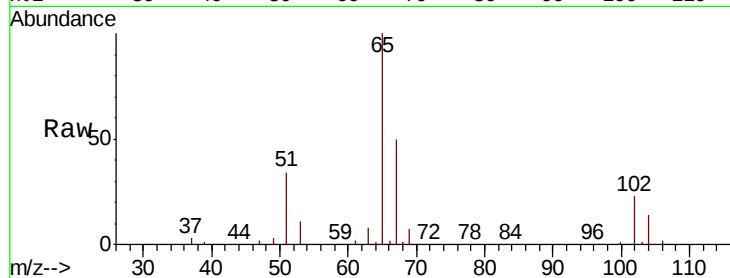
Acq: 21 Sep 2018 21:54

Tot Ion: 65 Resp: 423099

Ion Ratio Lower Upper

65 100

67 52.5 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VN051339.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN051339.D (-1926) (-)

8.03

200000

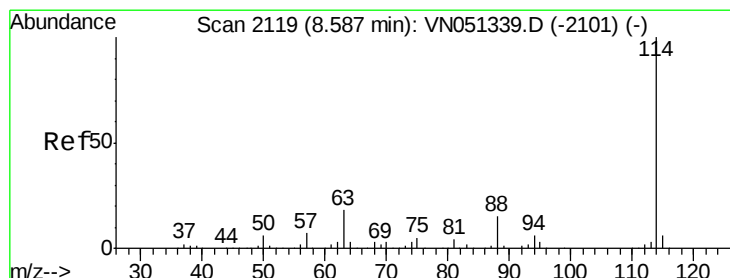
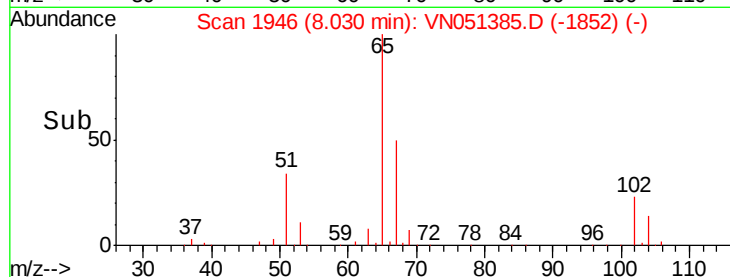
150000

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: VN051385.D

Acq: 21 Sep 2018 21:54

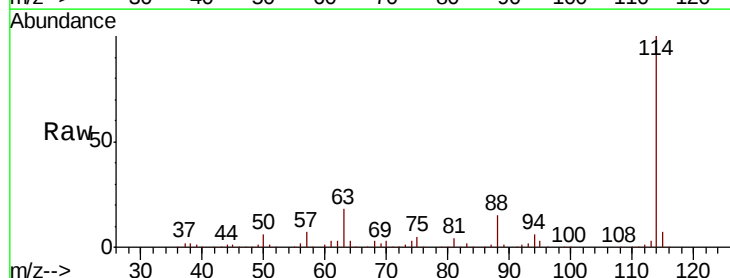
Tgt Ion: 114 Resp: 1105362

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.6

88 15.2 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): VN051339.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN051339.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN051339.D (-2101) (-)

8.59

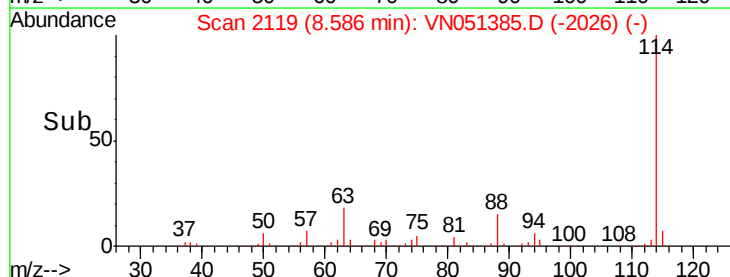
600000

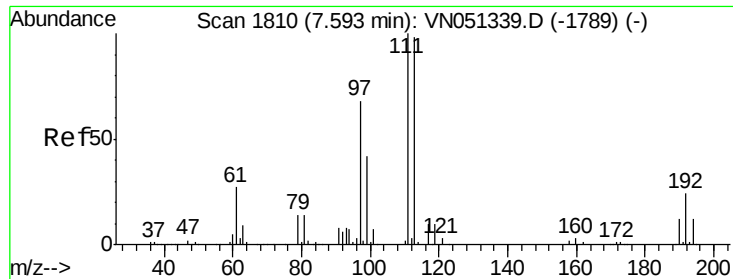
400000

200000

0

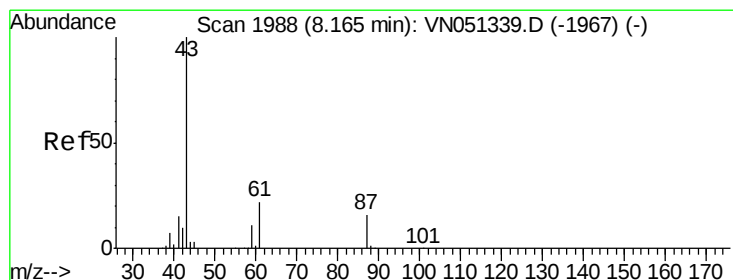
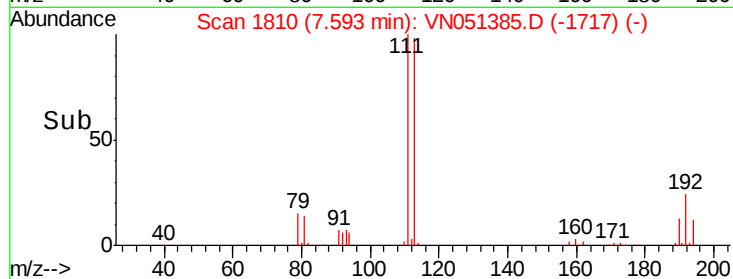
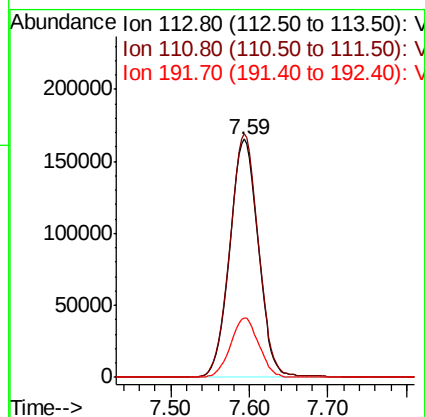
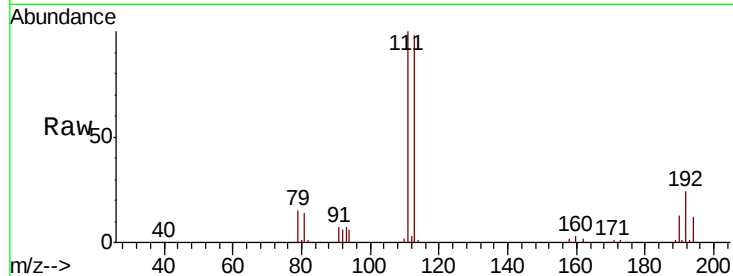
Time--> 8.50 8.60 8.70





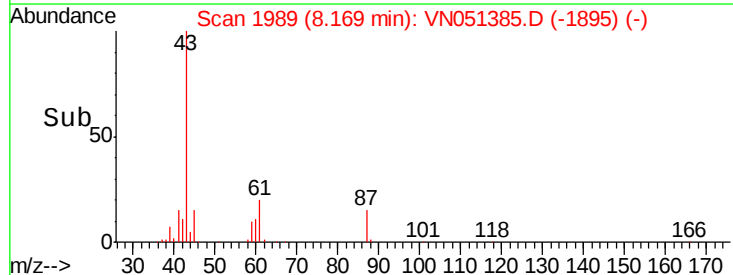
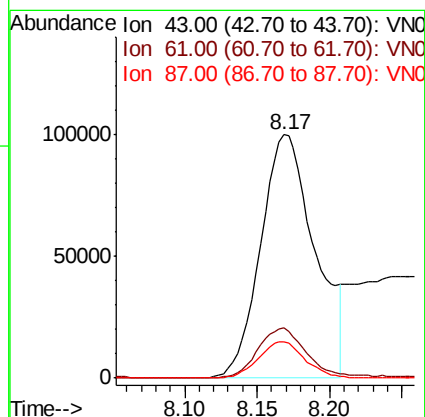
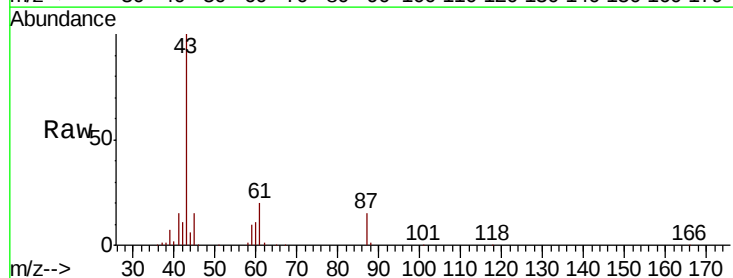
#35  
 Dibromofluoromethane  
 Concen: 46.636 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. -0.00 min  
 Lab File: VN051385.D  
 Acq: 21 Sep 2018 21:54

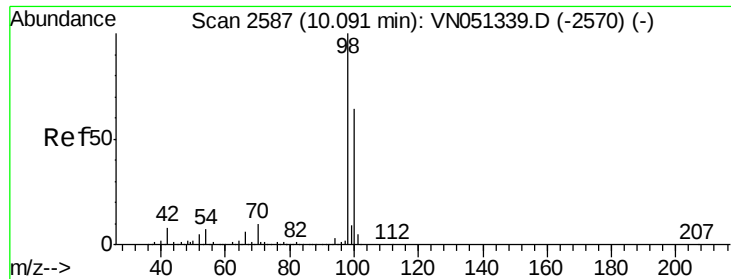
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 113   | Resp: | 416592 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 102.1 | 81.9  | 122.9  |
| 192      | 24.6  | 19.8  | 29.6   |



#43  
 Isopropyl Acetate  
 Concen: 26.671 ug/l  
 RT: 8.17 min Scan# 1989  
 Delta R.T. 0.00 min  
 Lab File: VN051385.D  
 Acq: 21 Sep 2018 21:54

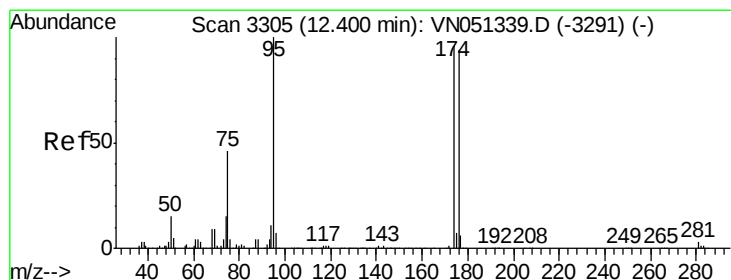
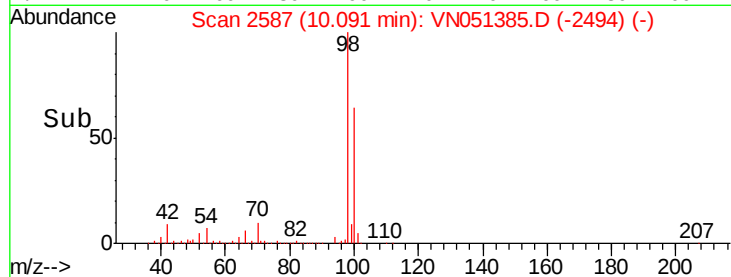
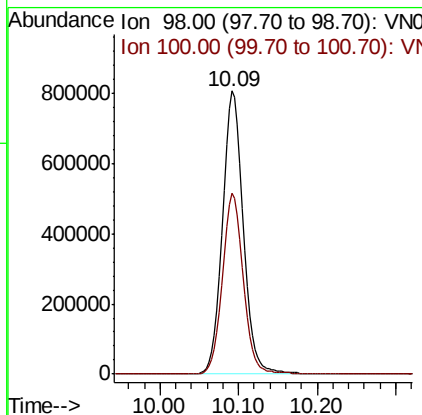
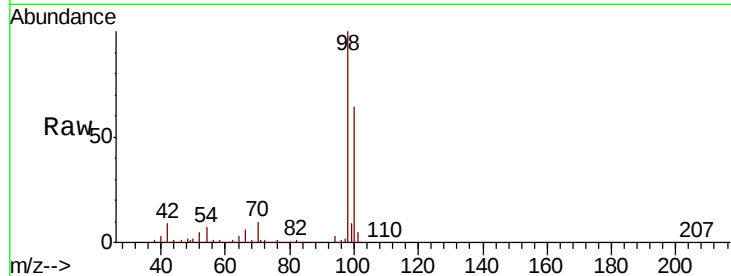
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 261458 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 18.6  | 18.1  | 27.1   |
| 87       | 12.7  | 12.8  | 19.2#  |





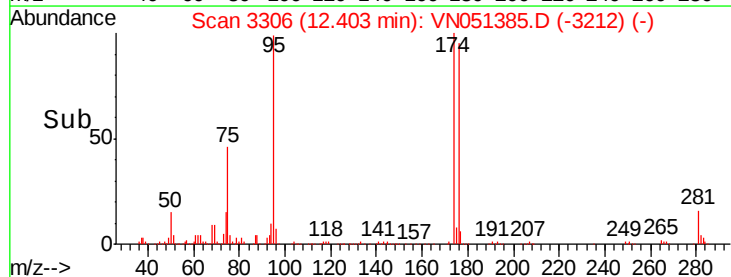
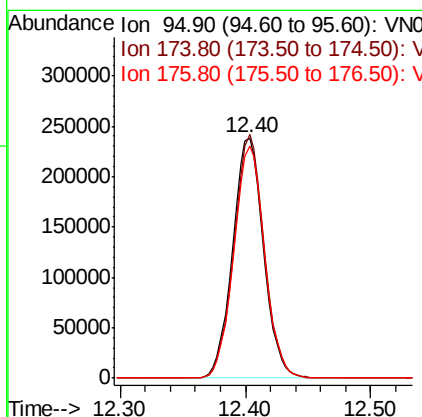
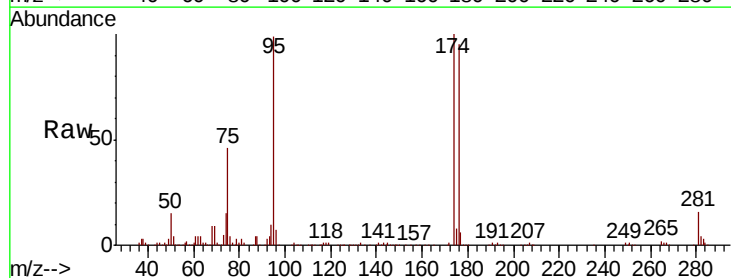
#50  
Toluene-d8  
Concen: 42.830 ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. -0.00 min  
Lab File: VN051385.D  
Acq: 21 Sep 2018 21:54

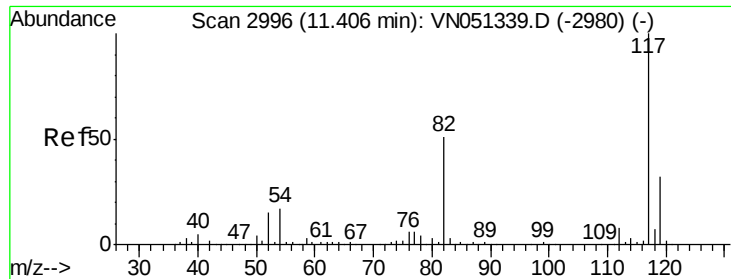
Tot Ion: 98 Resp: 1470789  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.3 76.9



#62  
4-Bromofluorobenzene  
Concen: 36.408 ug/l  
RT: 12.40 min Scan# 3306  
Delta R.T. 0.00 min  
Lab File: VN051385.D  
Acq: 21 Sep 2018 21:54

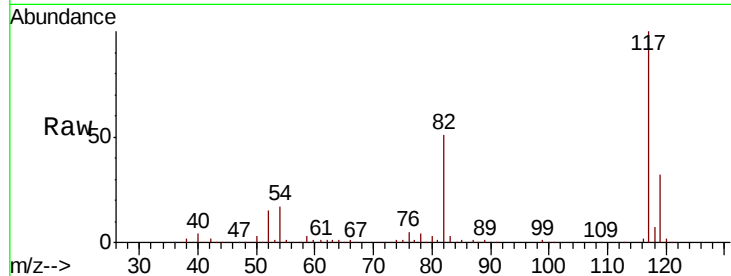
Tgt Ion: 95 Resp: 406744  
Ion Ratio Lower Upper  
95 100  
174 99.5 0.0 194.6  
176 96.0 0.0 189.6



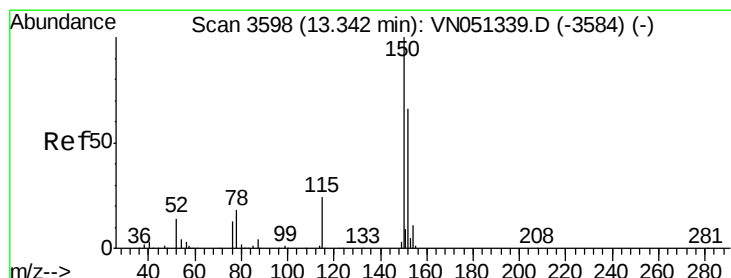
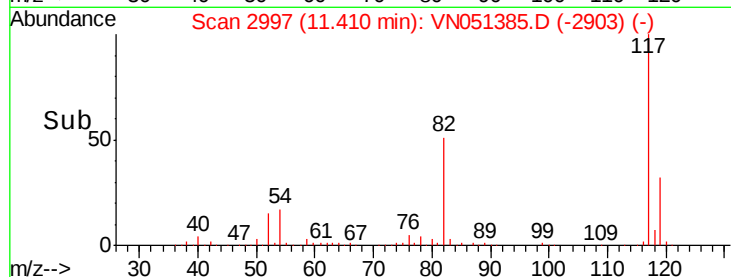
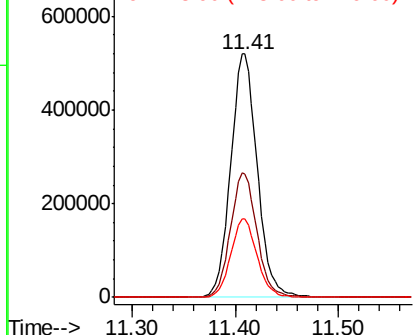


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2997  
Delta R.T. 0.00 min  
Lab File: VN051385.D  
Acq: 21 Sep 2018 21:54

Tot Ion:117 Resp: 930514  
Ion Ratio Lower Upper  
117 100  
82 50.8 40.7 61.1  
119 32.0 25.3 37.9

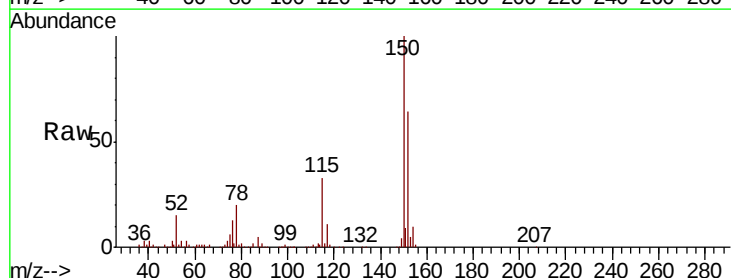


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.35 min Scan# 3599  
Delta R.T. 0.00 min  
Lab File: VN051385.D  
Acq: 21 Sep 2018 21:54

Tgt Ion:152 Resp: 359145  
Ion Ratio Lower Upper  
152 100  
115 53.5 26.9 80.7  
150 156.7 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

