

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052718\  
 Data File : VX002071.D  
 Acq On : 27 May 2018 16:25  
 Operator : JC/MD  
 Sample : J3099-06  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 200027

Quant Time: May 29 03:55:44 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X052418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 24 13:09:03 2018  
 Response via : Initial Calibration

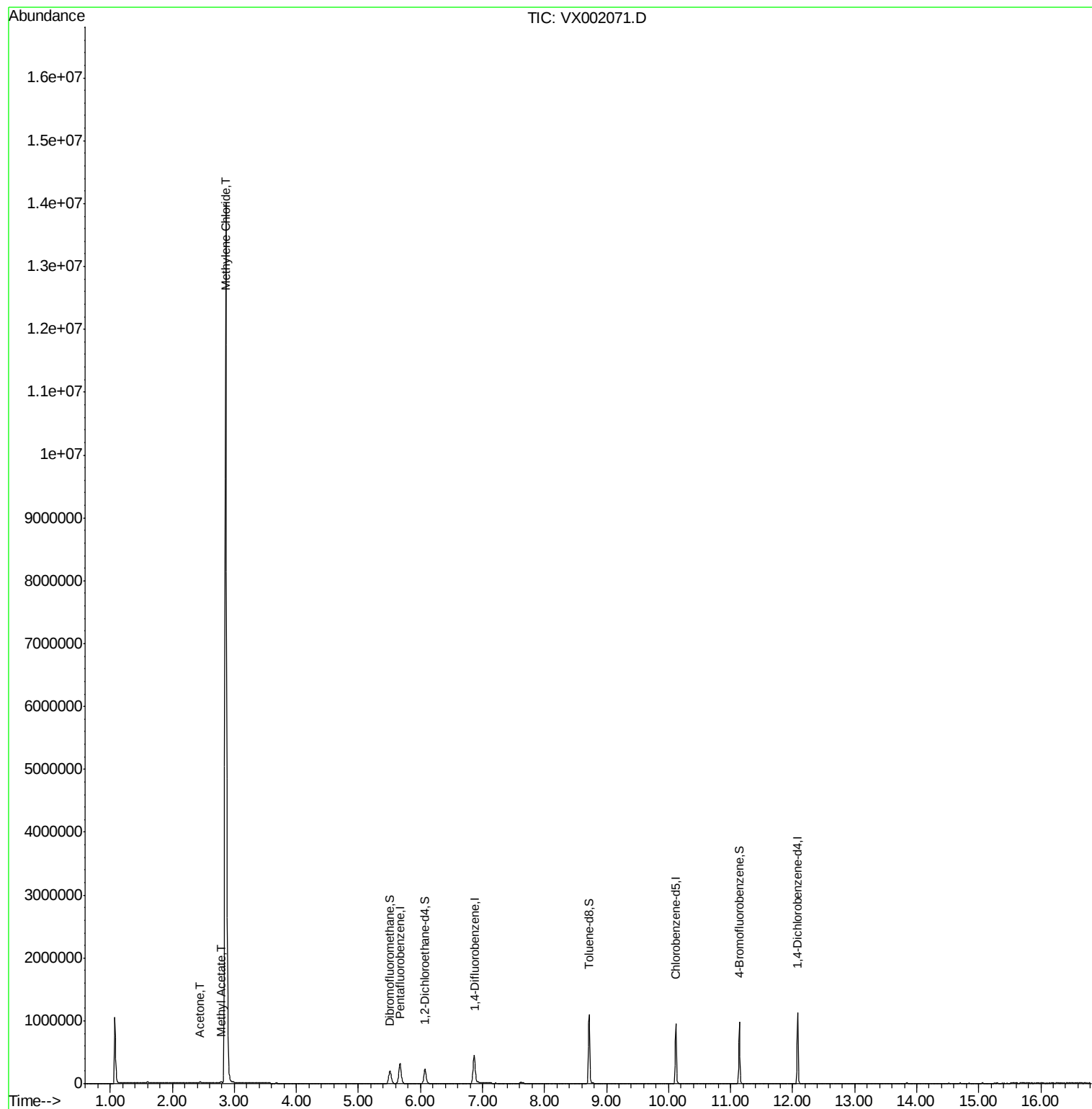
| Internal Standards          | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|---------|--------|----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 320445   | 50.00   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.87  | 114  | 454749   | 50.00   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 412675   | 50.00   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.09 | 152  | 236568   | 50.00   | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 213269   | 37.23   | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 74.46% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 166046   | 36.51   | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 73.02% |          |
| 50) Toluene-d8              | 8.72  | 98   | 642613   | 39.03   | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 78.06% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 235554   | 36.57   | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 73.14% |          |
| Target Compounds            |       |      |          |         |        |          |
| 16) Acetone                 | 2.45  | 43   | 18326    | 8.29    | ug/l   | 97       |
| 18) Methyl Acetate          | 2.78  | 43   | 26890    | 4.00    | ug/l   | 99       |
| 20) Methylene Chloride      | 2.86  | 84   | 6580497  | 1776.84 | ug/l   | 95       |

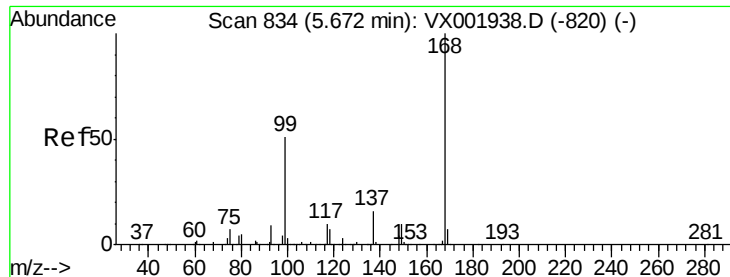
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu May 24 13:09:03 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002071.D

Acq: 27 May 2018 16:25

Instrument :

MSVOA\_X

ClientSampleId :

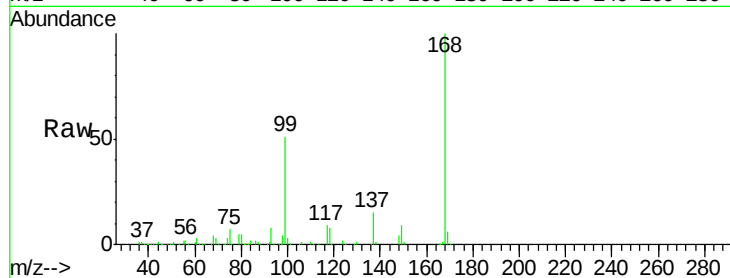
200027

Tot Ion:168 Resp: 320445

Ion Ratio Lower Upper

168 100

99 51.2 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

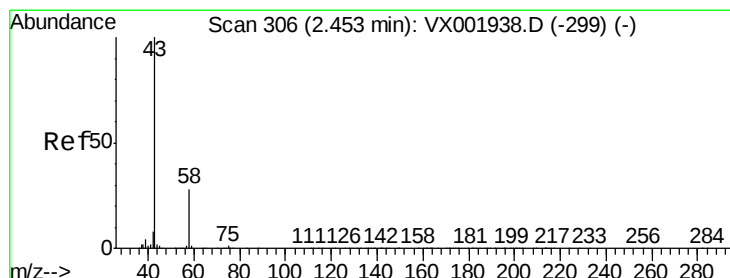
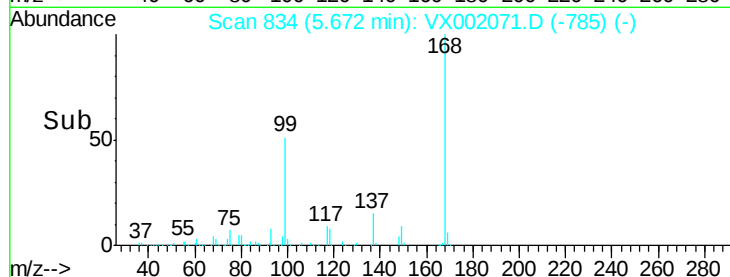
5.67

100000

50000

0

Time-->



#16

Acetone

Concen: 8.29 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002071.D

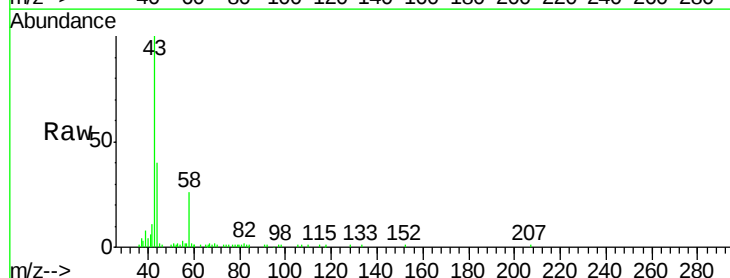
Acq: 27 May 2018 16:25

Tgt Ion: 43 Resp: 18326

Ion Ratio Lower Upper

43 100

58 26.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

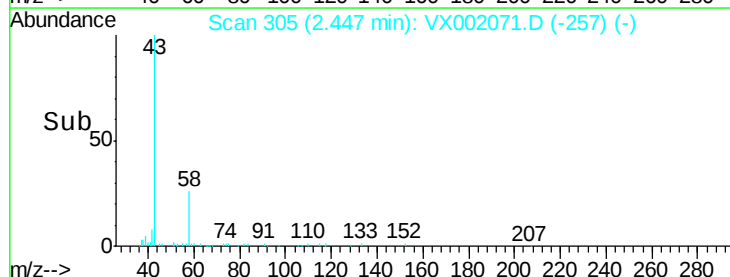
2.45

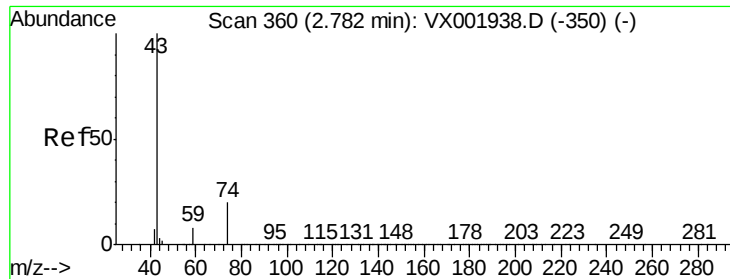
10000

5000

0

Time-->

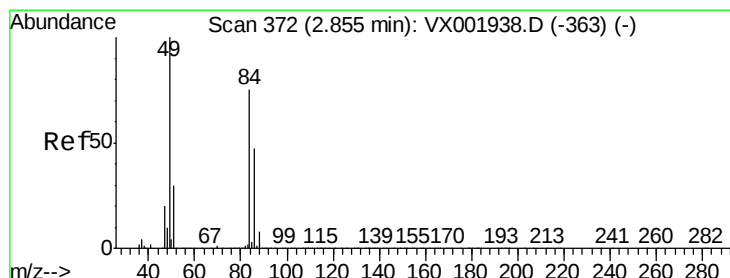
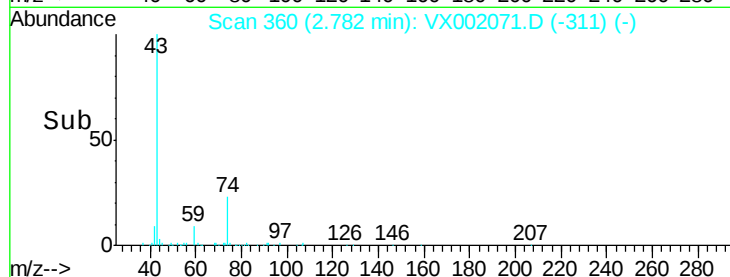
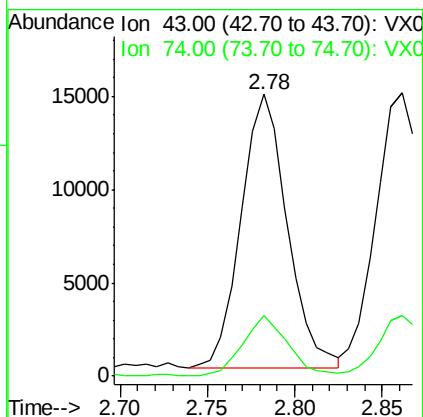
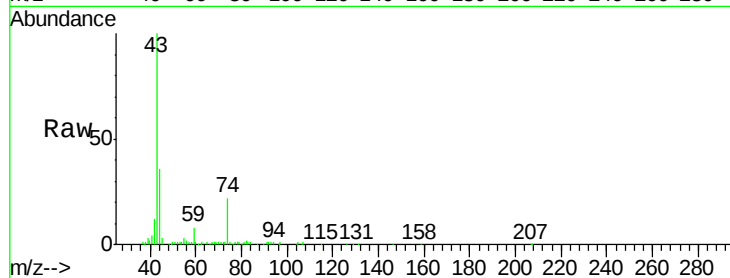




#18  
Methvl Acetate  
Concen: 4.00 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. 0.00 min  
Lab File: VX002071.D  
Acq: 27 May 2018 16:25

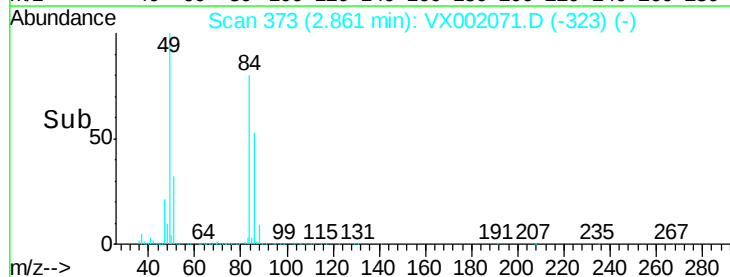
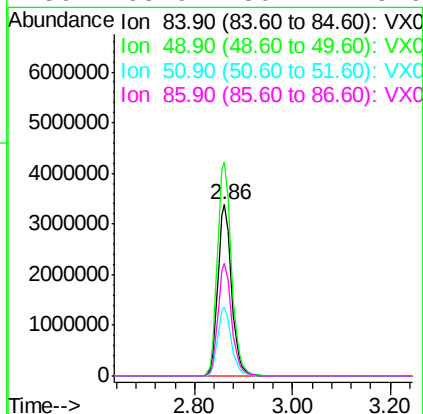
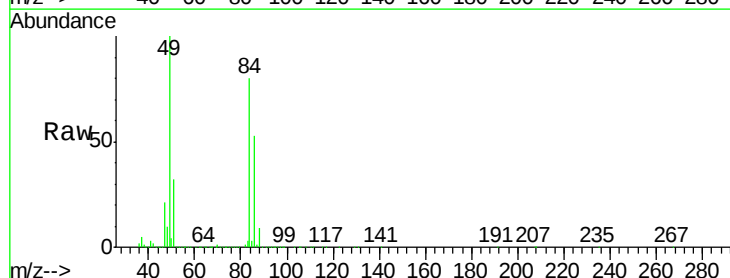
Instrument :  
MSVOA\_X  
ClientSampleId :  
200027

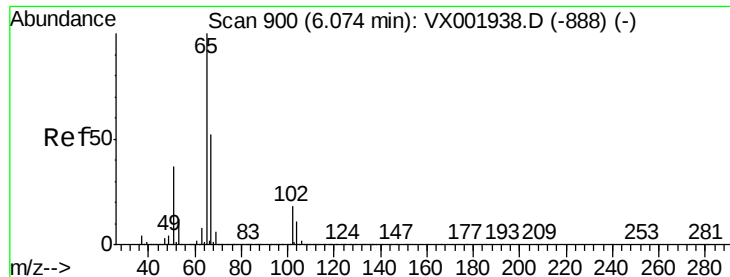
Tot Ion: 43 Resp: 26890  
Ion Ratio Lower Upper  
43 100  
74 21.6 16.8 25.2



#20  
Methylene Chloride  
Concen: 1776.84 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. 0.01 min  
Lab File: VX002071.D  
Acq: 27 May 2018 16:25

Tgt Ion: 84 Resp: 6580497  
Ion Ratio Lower Upper  
84 100  
49 124.9 107.2 160.8  
51 40.2 32.4 48.6  
86 65.9 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 37.23 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002071.D

Acq: 27 May 2018 16:25

Instrument :

MSVOA\_X

ClientSampleId :

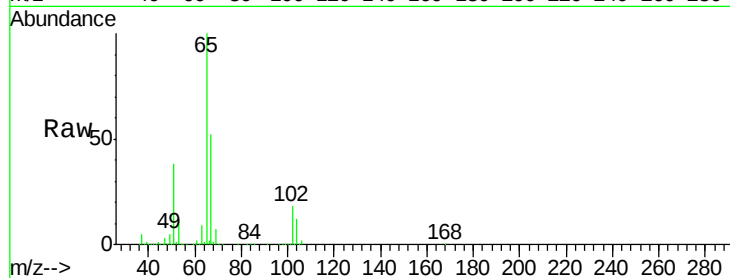
200027

Tot Ion: 65 Resp: 213269

Ion Ratio Lower Upper

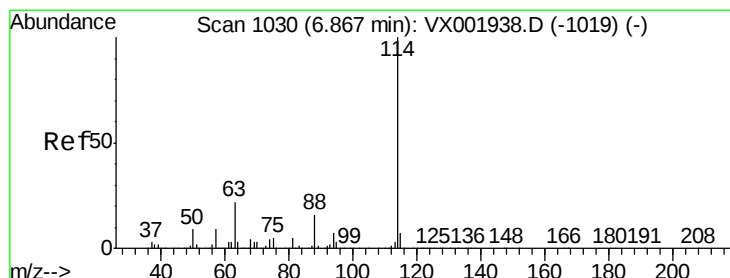
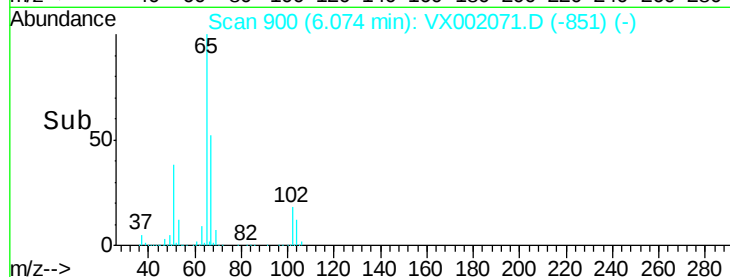
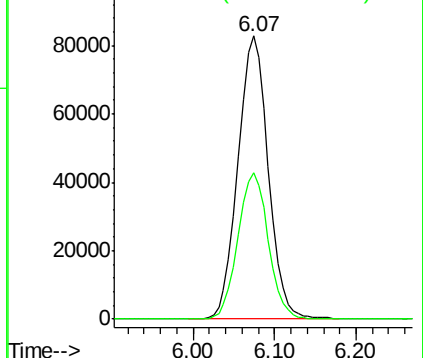
65 100

67 51.9 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002071.D

Acq: 27 May 2018 16:25

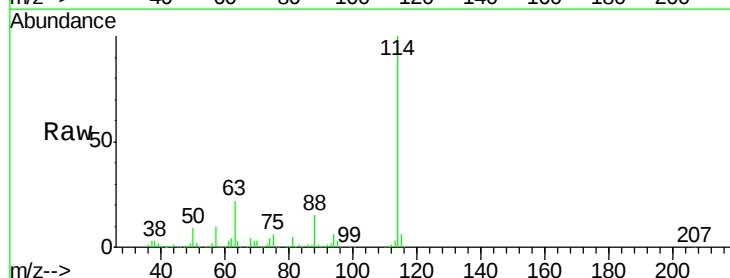
Tgt Ion: 114 Resp: 454749

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

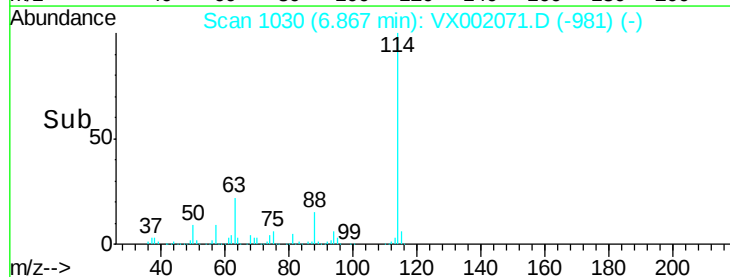
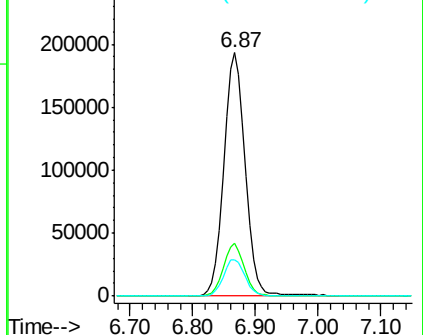
88 15.1 0.0 31.6

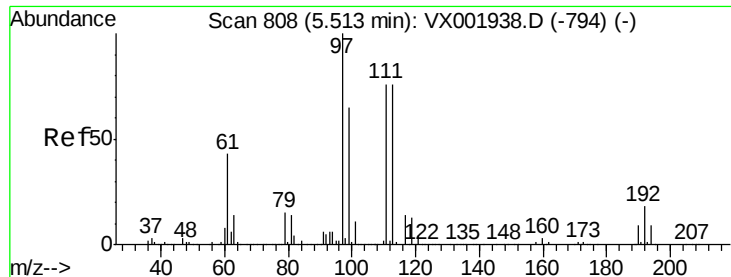


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 36.51 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002071.D

Acq: 27 May 2018 16:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
200027

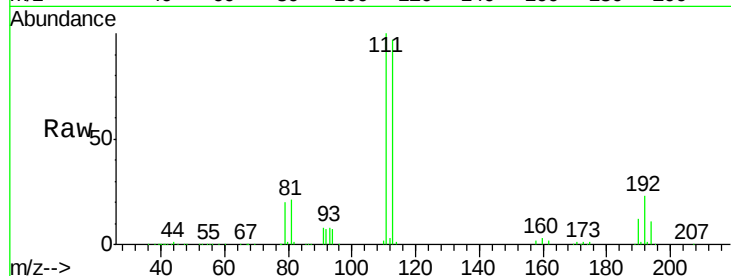
Tot Ion:113 Resp: 166046

Ion Ratio Lower Upper

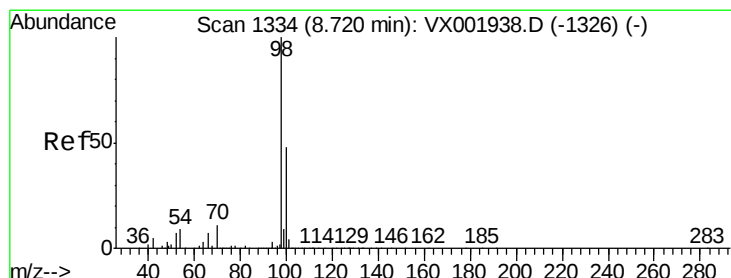
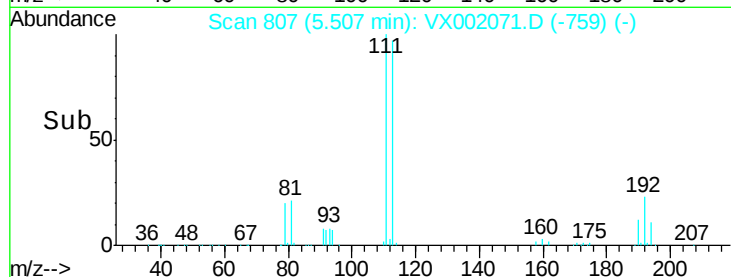
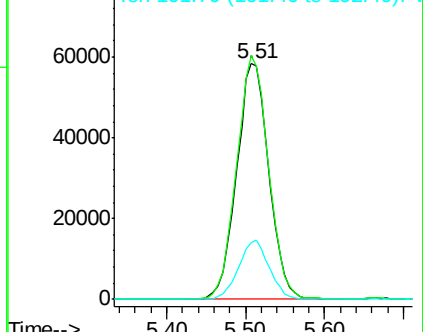
113 100

111 102.1 82.0 123.0

192 23.9 18.9 28.3



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



#50

Toluene-d8

Concen: 39.03 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002071.D

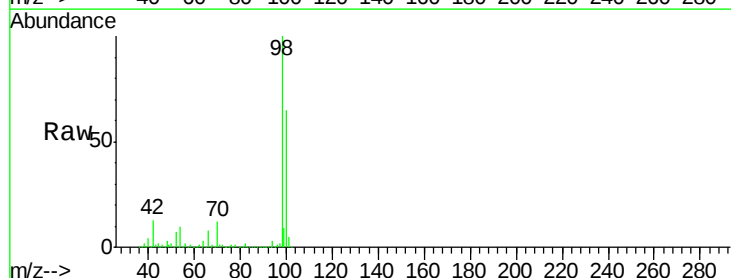
Acq: 27 May 2018 16:25

Tgt Ion: 98 Resp: 642613

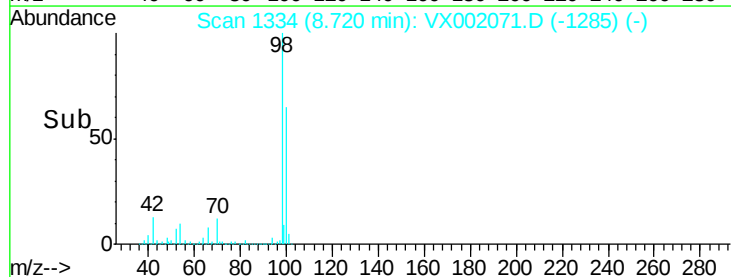
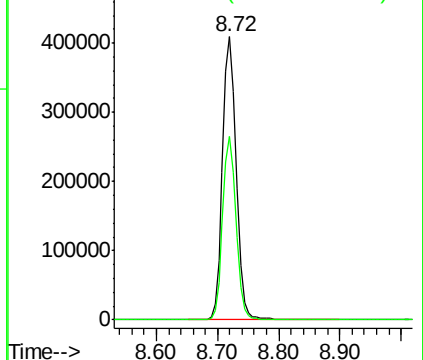
Ion Ratio Lower Upper

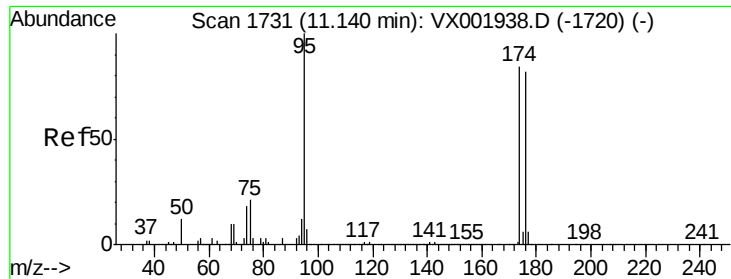
98 100

100 63.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0  
Ion 100.00 (99.70 to 100.70): V

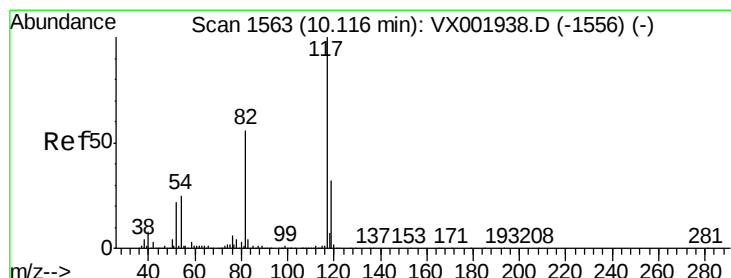
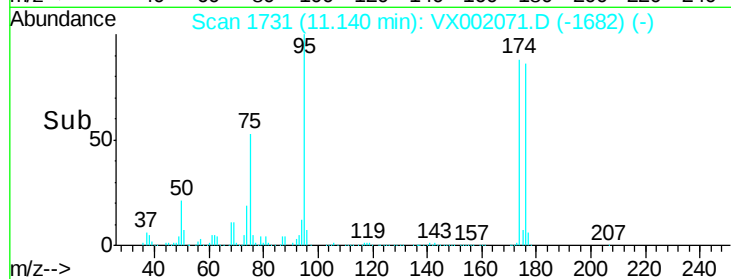
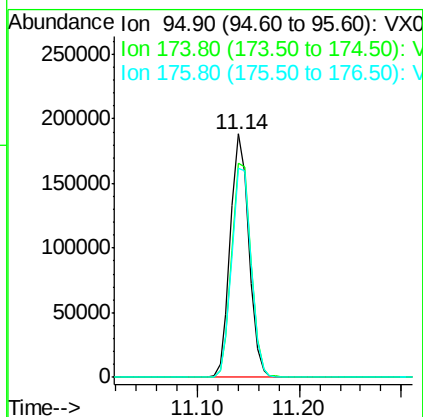
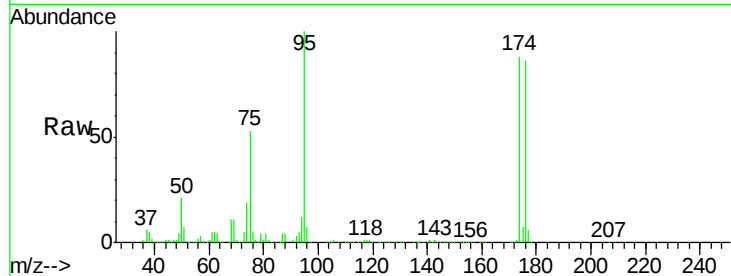




#62  
4-Bromofluorobenzene  
Concen: 36.57 ug/l  
RT: 11.14 min Scan# 1731  
Delta R.T. 0.00 min  
Lab File: VX002071.D  
Acq: 27 May 2018 16:25

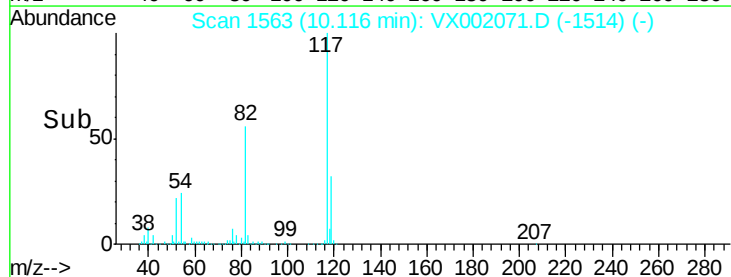
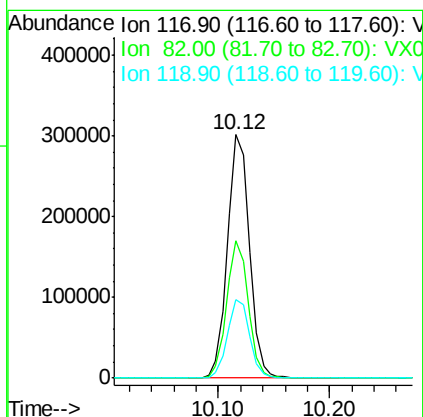
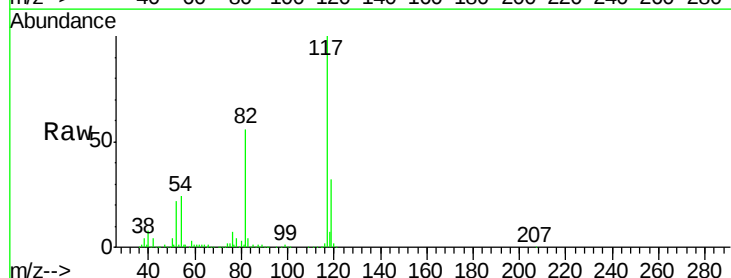
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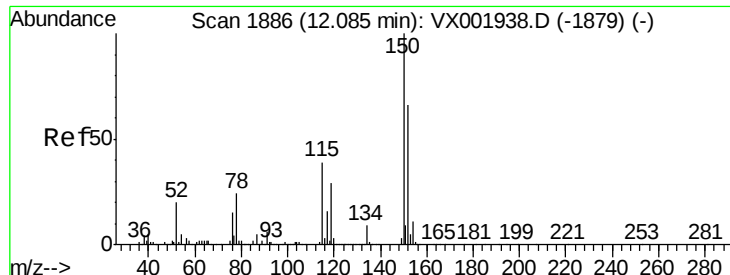
Tot Ion: 95 Resp: 235554  
Ion Ratio Lower Upper  
95 100  
174 91.9 0.0 178.8  
176 89.9 0.0 175.6



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VX002071.D  
Acq: 27 May 2018 16:25

Tgt Ion: 117 Resp: 412675  
Ion Ratio Lower Upper  
117 100  
82 56.4 44.8 67.2  
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002071.D

Acq: 27 May 2018 16:25

Instrument :

MSVOA\_X

ClientSampleId :

200027

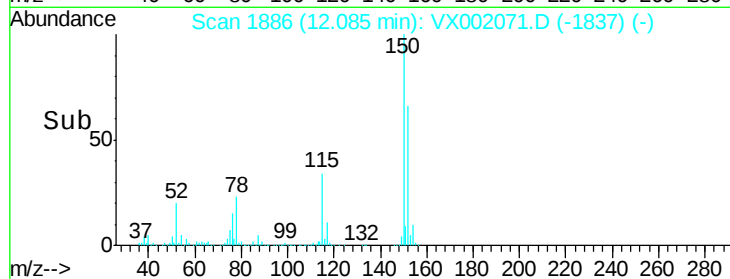
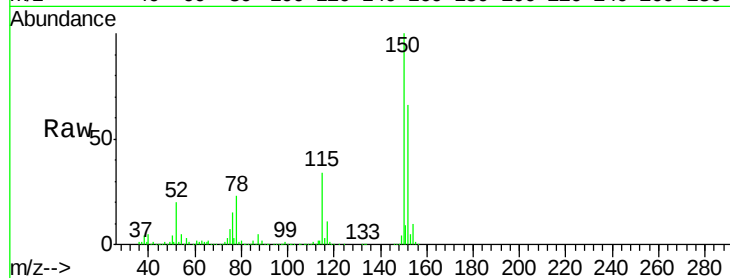
Tot Ion:152 Resp: 236568

Ion Ratio Lower Upper

152 100

115 55.5 42.3 126.8

150 155.1 0.0 351.0



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

