

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\  
 Data File : VX000730.D  
 Acq On : 08 Apr 2018 14:48  
 Operator : JC/MD  
 Sample : J2190-06  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-17-040218

Quant Time: Apr 09 07:32:39 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X040718W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Apr 07 17:01:21 2018  
 Response via : Initial Calibration

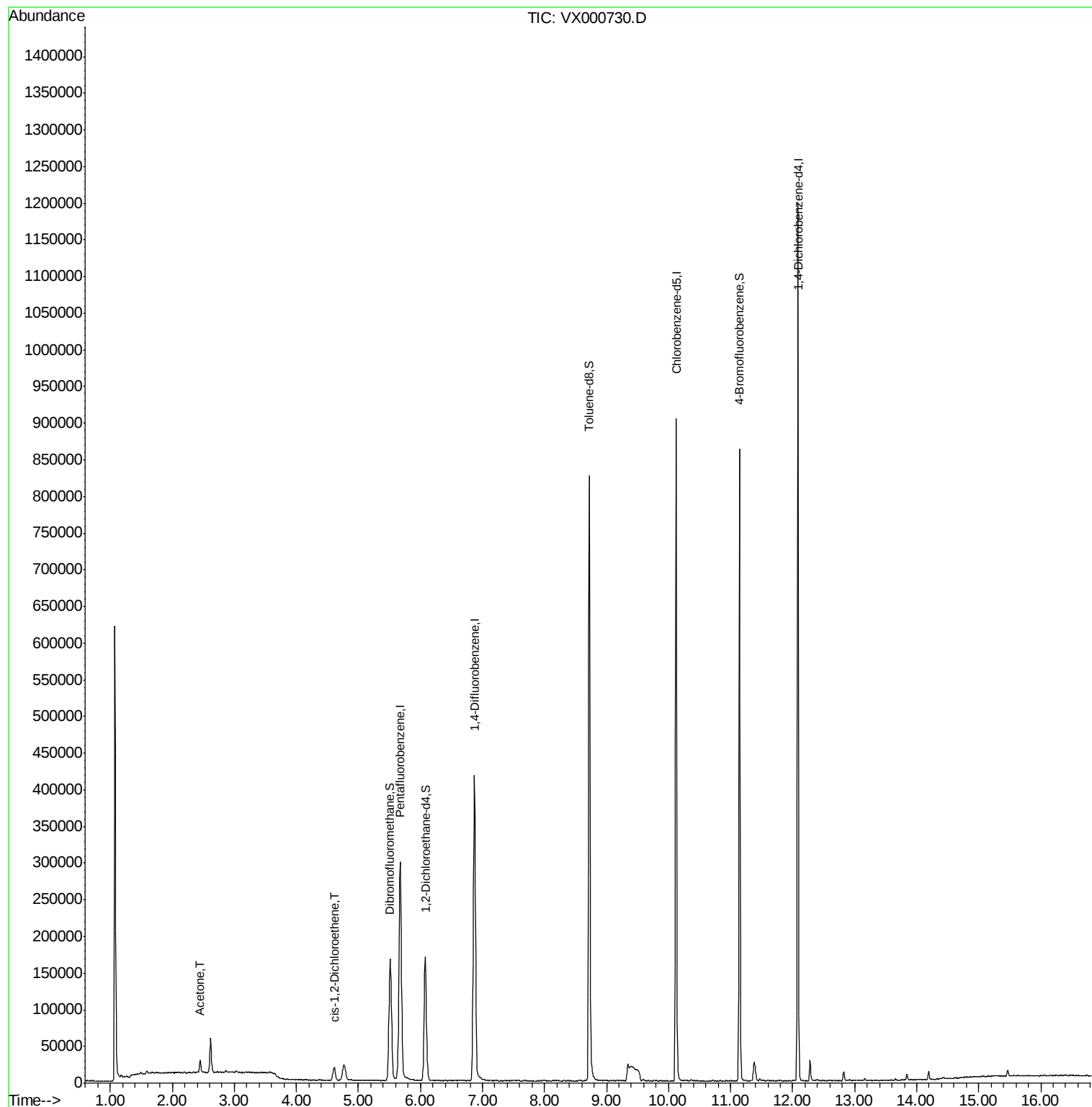
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 322238   | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.87  | 114  | 451762   | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 419914   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.09 | 152  | 247859   | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.08  | 65   | 164656   | 44.68 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 89.36% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 138383   | 47.39 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 94.78% |          |
| 50) Toluene-d8              | 8.72  | 98   | 521225   | 47.10 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 94.20% |          |
| 62) 4-Bromofluorobenzene    | 11.15 | 95   | 212475   | 46.23 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 92.46% |          |
| Target Compounds            |       |      |          |       |        |          |
| 16) Acetone                 | 2.45  | 43   | 18602    | 16.09 | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene  | 4.61  | 96   | 11867    | 3.84  | ug/l   | 83       |

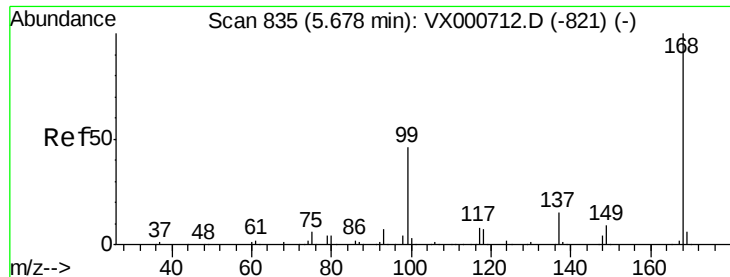
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 07 17:01:21 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

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Instrument :

MSVOA\_X

ClientSampleId :

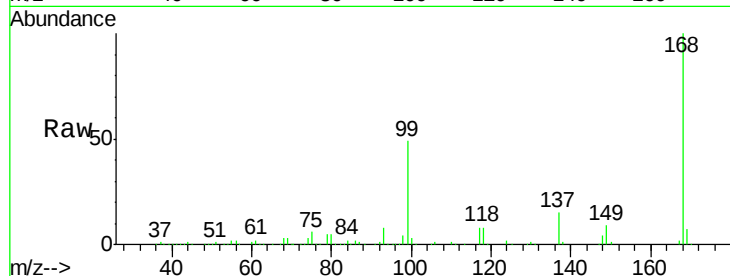
MW-17-040218

Tot Ion:168 Resp: 322238

Ion Ratio Lower Upper

168 100

99 48.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

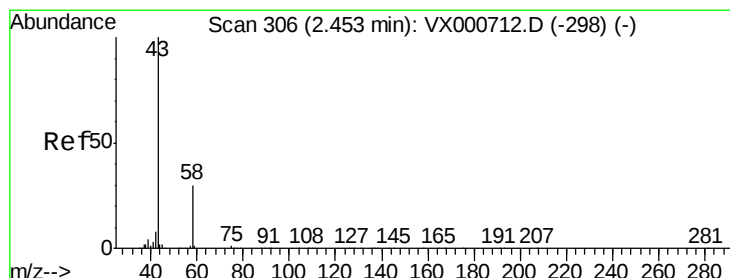
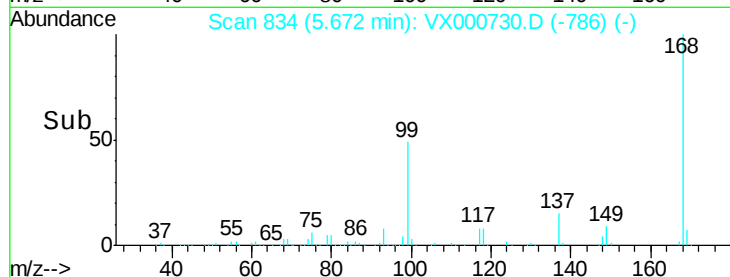
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 16.09 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000730.D

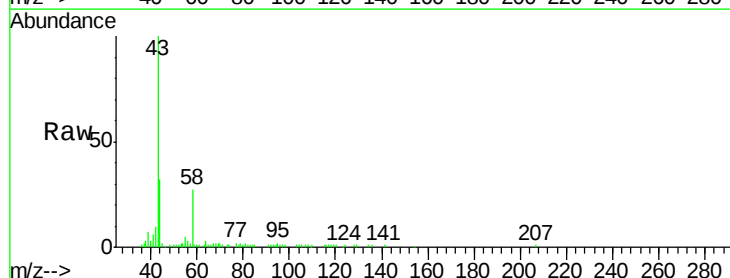
Acq: 08 Apr 2018 14:48

Tgt Ion: 43 Resp: 18602

Ion Ratio Lower Upper

43 100

58 28.0 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

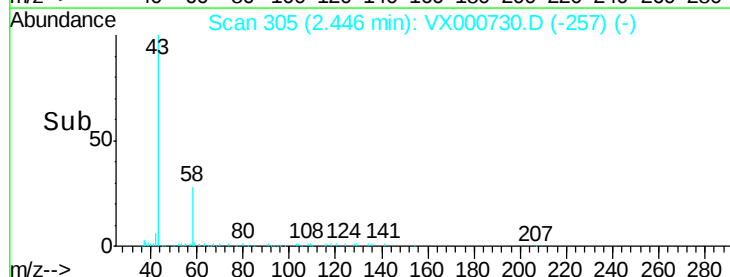
2.45

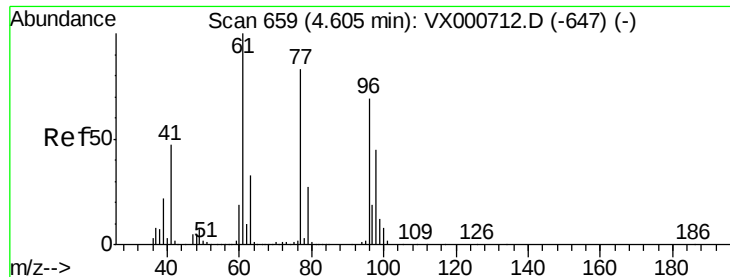
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#27

cis-1,2-Dichloroethene

Concen: 3.84 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000730.D

Acq: 08 Apr 2018 14:48

Instrument :

MSVOA\_X

ClientSampleId :

MW-17-040218

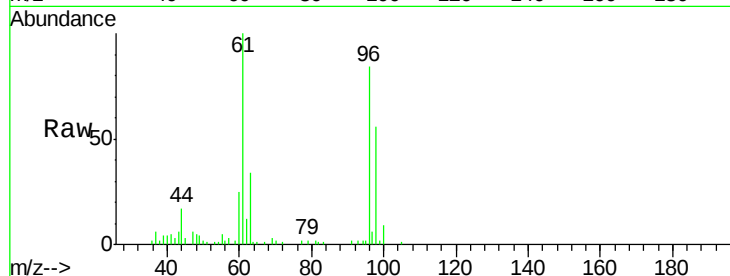
Tot Ion: 96 Resp: 11867

Ion Ratio Lower Upper

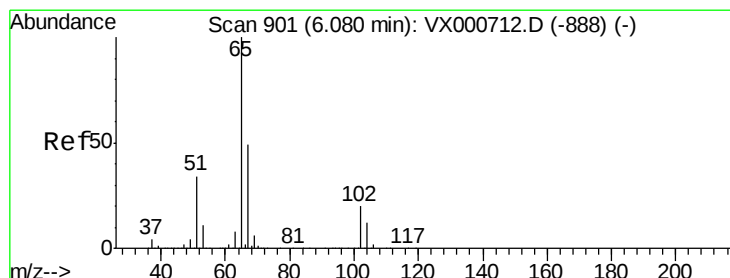
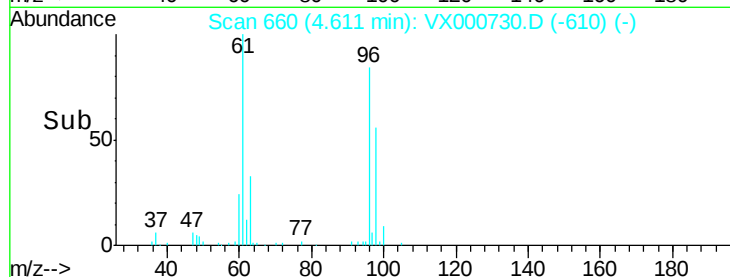
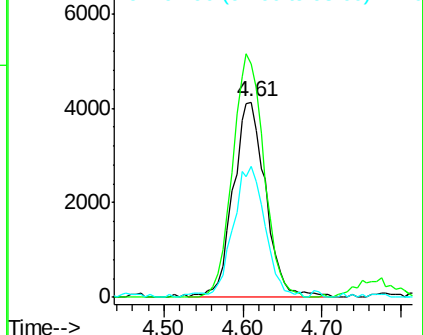
96 100

61 119.9 0.0 301.0

98 65.6 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 44.68 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000730.D

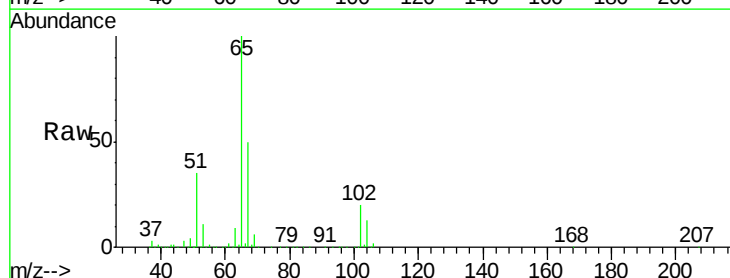
Acq: 08 Apr 2018 14:48

Tgt Ion: 65 Resp: 164656

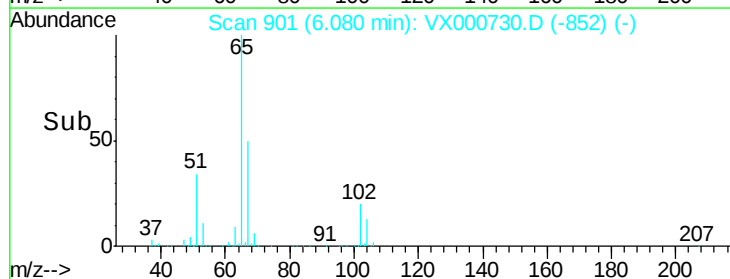
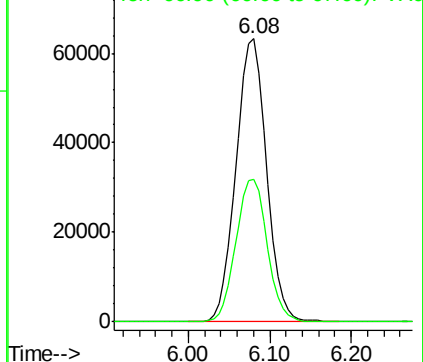
Ion Ratio Lower Upper

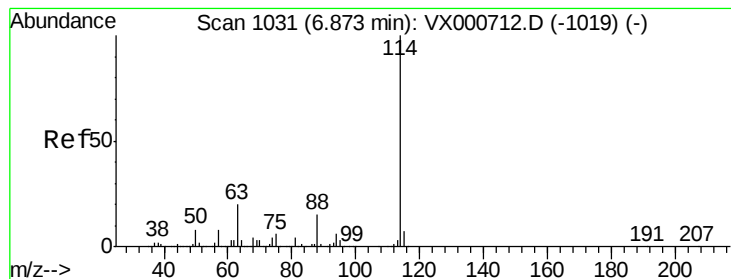
65 100

67 51.0 0.0 102.6



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# 1031

Delta R.T. -0.00 min

Lab File: VX000730.D

Acq: 08 Apr 2018 14:48

Instrument :

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ClientSampleId :

MW-17-040218

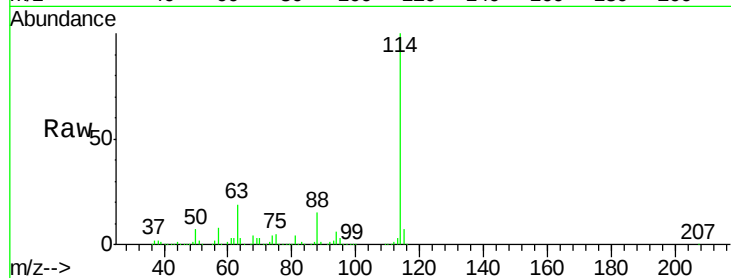
Tot Ion:114 Resp: 451762

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

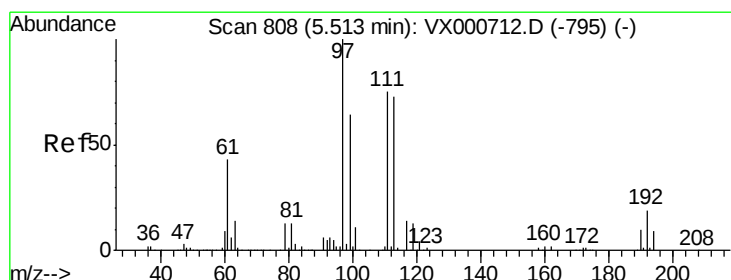
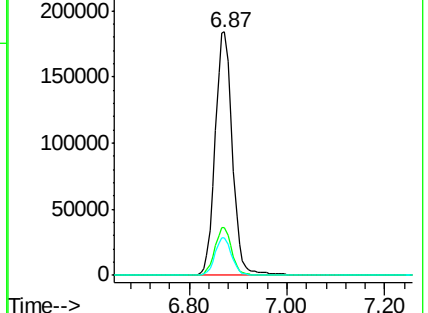
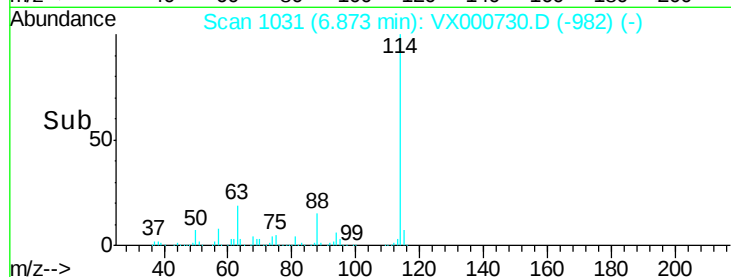
88 15.4 0.0 30.6



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: 47.39 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000730.D

Acq: 08 Apr 2018 14:48

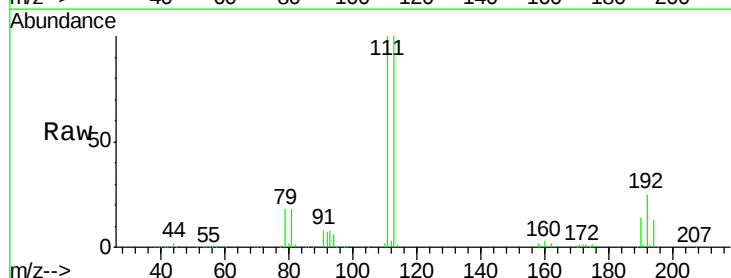
Tgt Ion:113 Resp: 138383

Ion Ratio Lower Upper

113 100

111 101.9 81.5 122.3

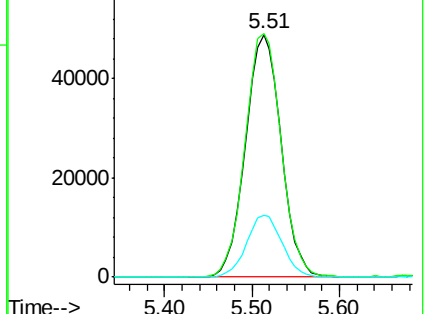
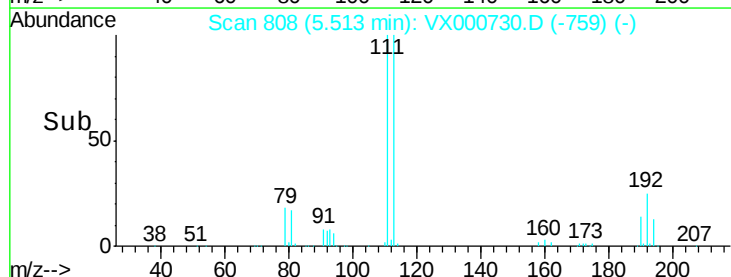
192 25.4 20.0 30.0

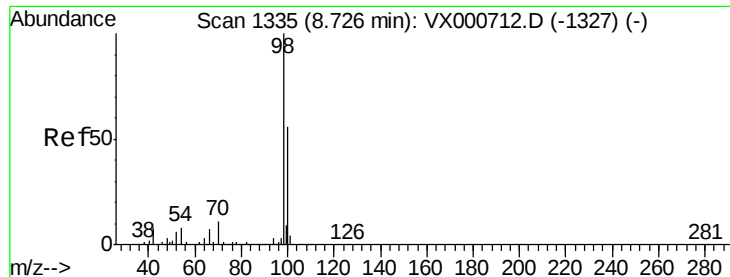


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

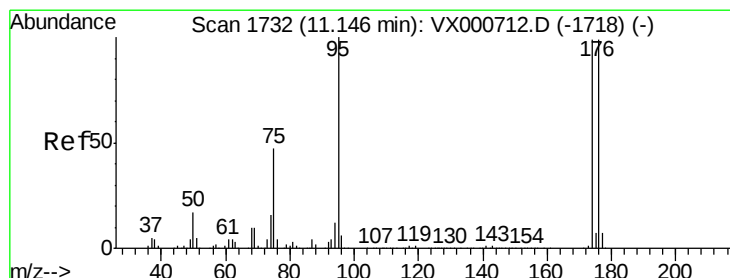
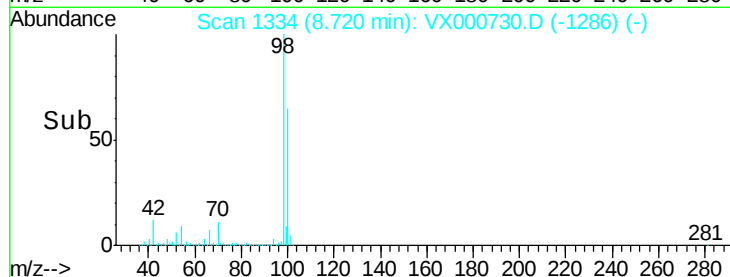
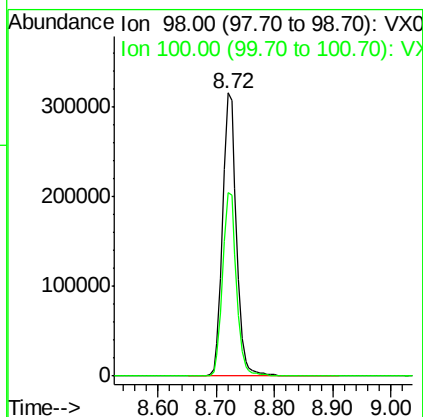
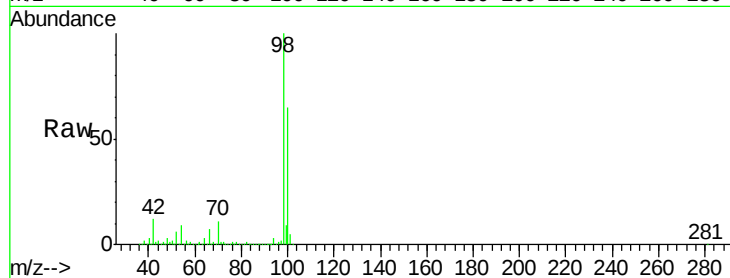




#50  
Toluene-d8  
Concen: 47.10 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. -0.01 min  
Lab File: VX000730.D  
Acq: 08 Apr 2018 14:48

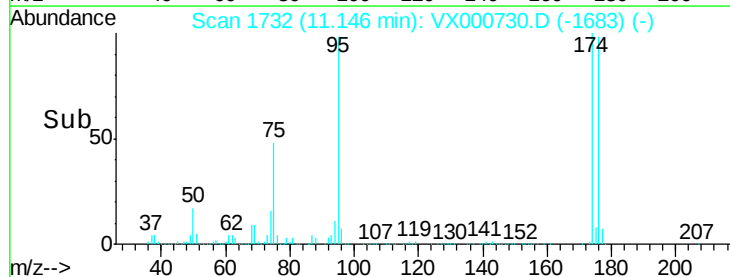
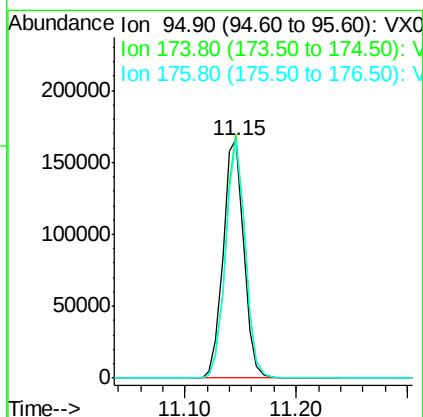
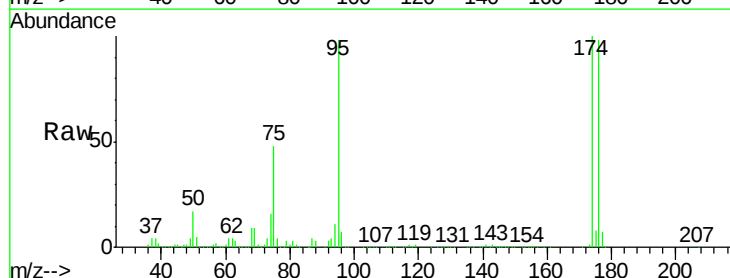
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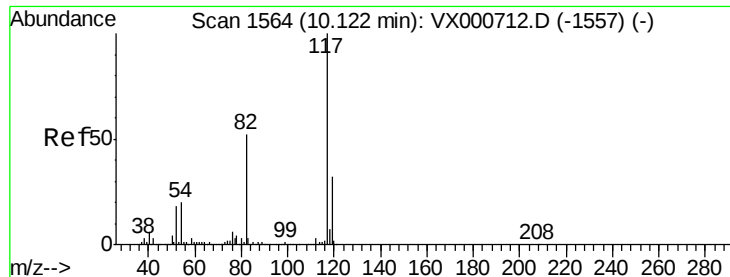
Tot Ion: 98 Resp: 521225  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 46.23 ug/l  
RT: 11.15 min Scan# 1732  
Delta R.T. -0.00 min  
Lab File: VX000730.D  
Acq: 08 Apr 2018 14:48

Tgt Ion: 95 Resp: 212475  
Ion Ratio Lower Upper  
95 100  
174 96.6 0.0 191.6  
176 94.7 0.0 187.0

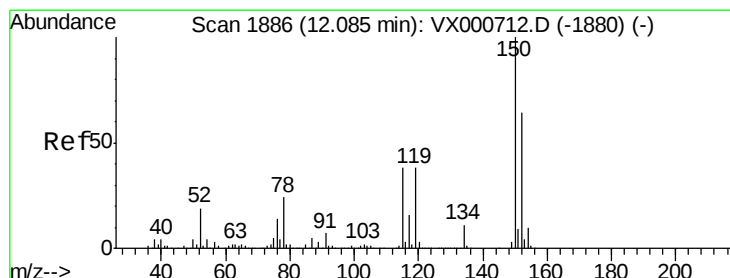
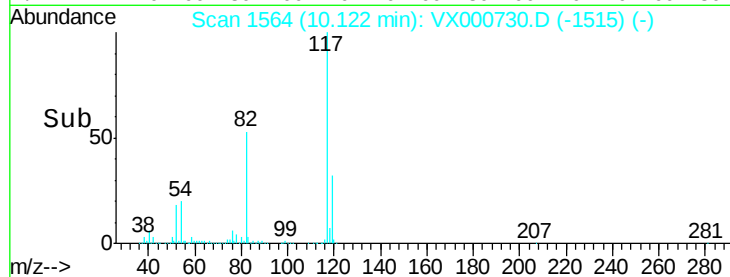
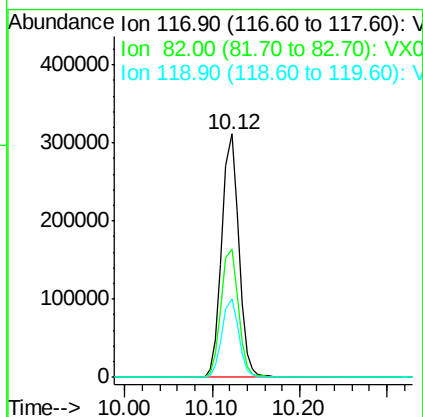
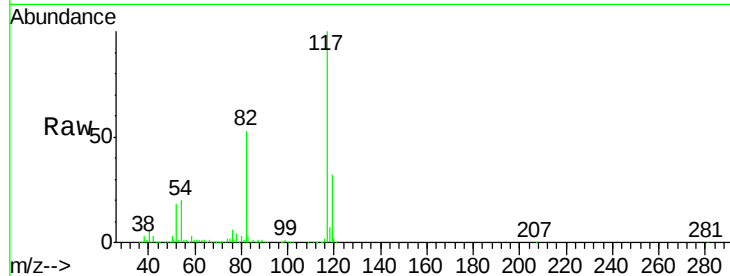




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1564  
Delta R.T. -0.00 min  
Lab File: VX000730.D  
Acq: 08 Apr 2018 14:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-17-040218

Tot Ion:117 Resp: 419914  
Ion Ratio Lower Upper  
117 100  
82 52.5 41.9 62.9  
119 32.4 25.8 38.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.09 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX000730.D  
Acq: 08 Apr 2018 14:48

Tgt Ion:152 Resp: 247859  
Ion Ratio Lower Upper  
152 100  
115 53.9 37.7 113.1  
150 157.4 0.0 345.0

