

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\  
 Data File : VX003026.D  
 Acq On : 29 Jun 2018 14:05  
 Operator : JC/MD  
 Sample : J3755-01DL 10X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PS-BASELINEWATERDL

Quant Time: Jun 29 15:35:41 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062518W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 25 14:38:05 2018  
 Response via : Initial Calibration

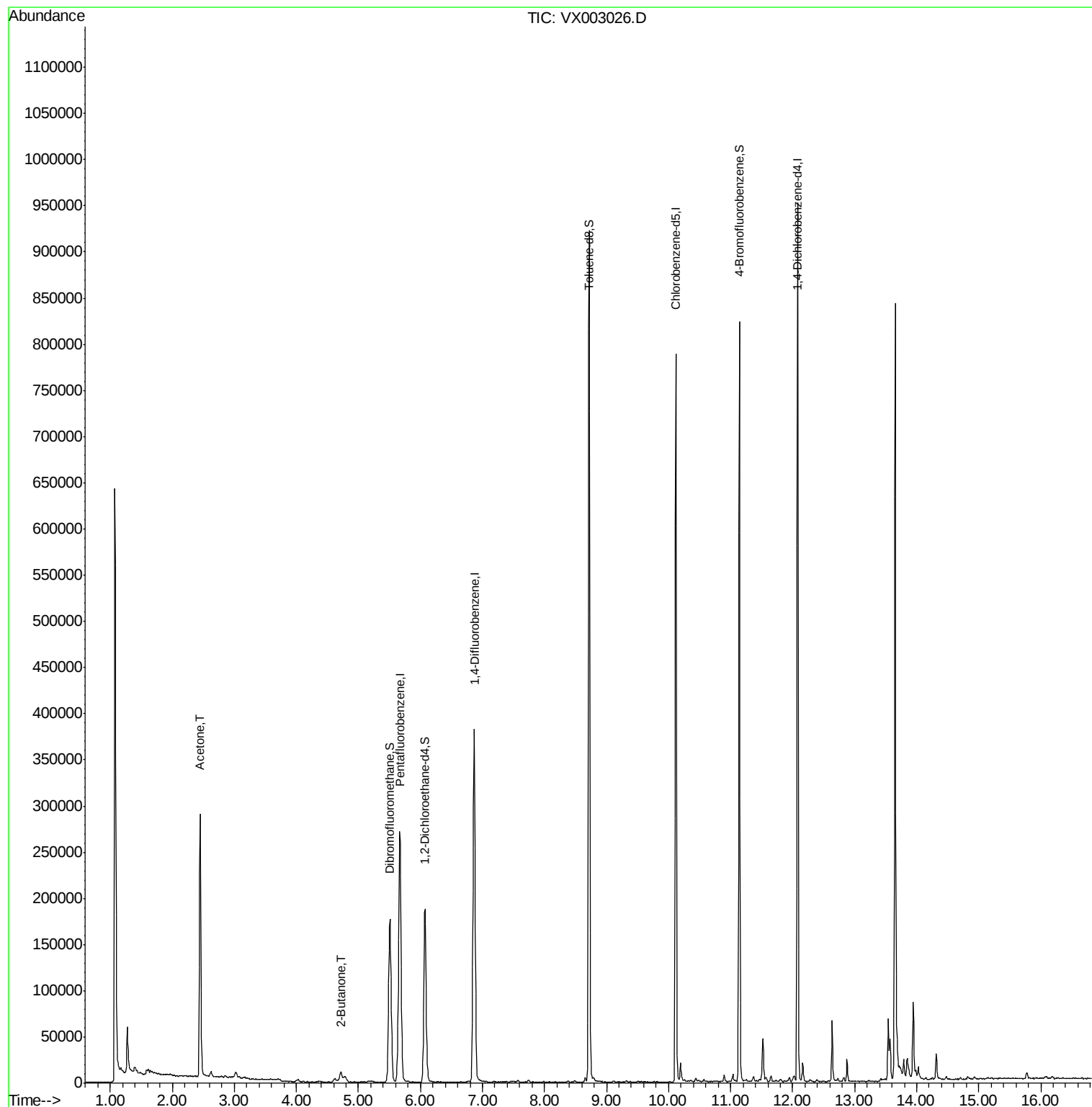
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 275620   | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.87  | 114  | 383624   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 354134   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 205106   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 182422   | 47.88  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 95.76% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 145618   | 47.93  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 95.86% |          |
| 50) Toluene-d8              | 8.72  | 98   | 541474   | 48.81  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 97.62% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 191946   | 44.86  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 89.72% |          |
| Target Compounds            |       |      |          |        |        |          |
| 16) Acetone                 | 2.45  | 43   | 306202   | 194.08 | ug/l   | 98       |
| 25) 2-Butanone              | 4.71  | 43   | 20220    | 8.64   | ug/l   | 94       |

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

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Quant Title : SW846 8260  
QLast Update : Mon Jun 25 14:38:05 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003026.D

Acq: 29 Jun 2018 14:05

Instrument :

MSVOA\_X

ClientSampleId :

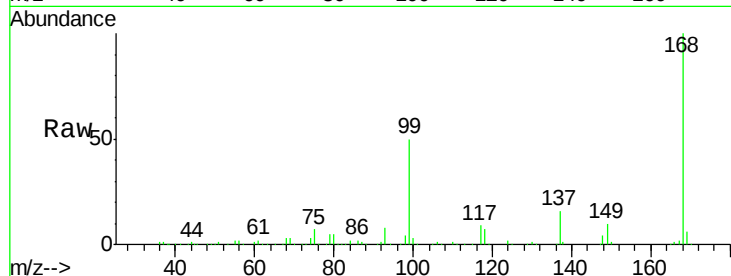
PS-BASELINEWATERDL

Tot Ion:168 Resp: 275620

Ion Ratio Lower Upper

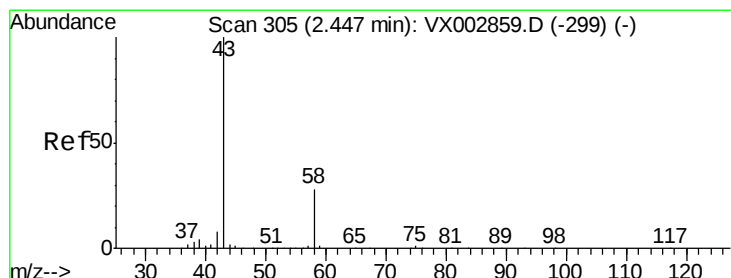
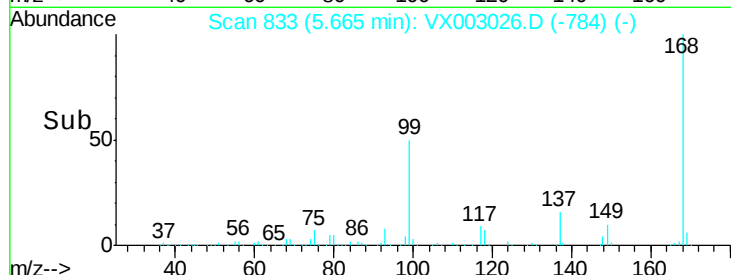
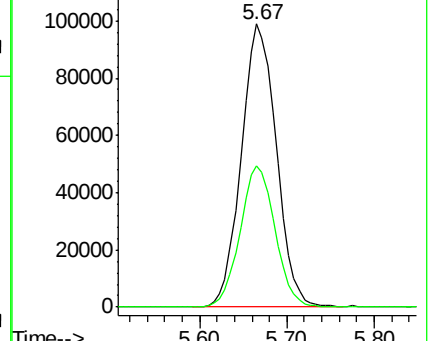
168 100

99 49.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 194.08 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003026.D

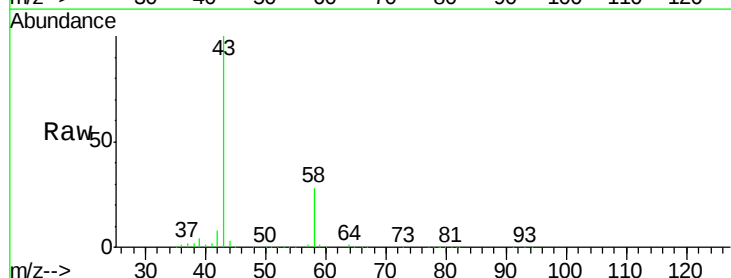
Acq: 29 Jun 2018 14:05

Tgt Ion: 43 Resp: 306202

Ion Ratio Lower Upper

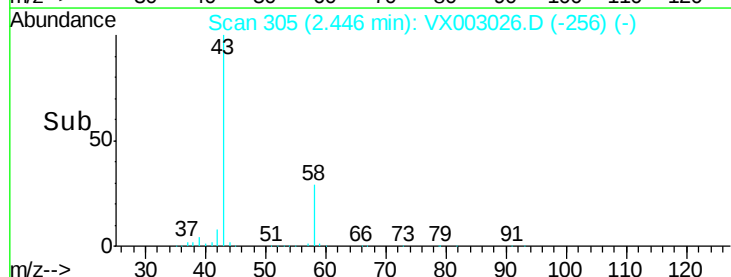
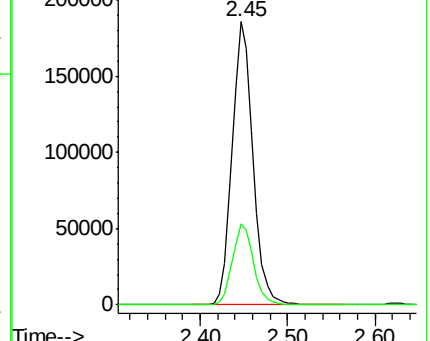
43 100

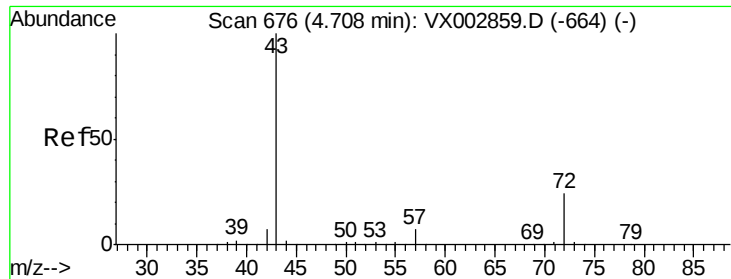
58 28.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

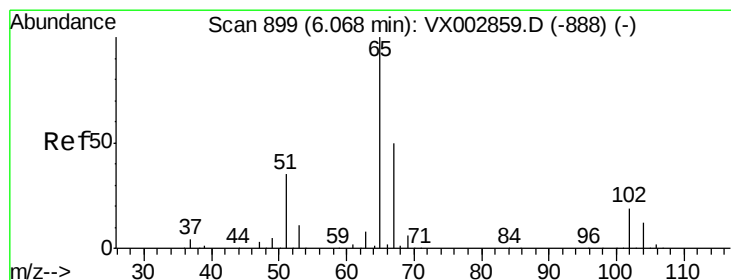
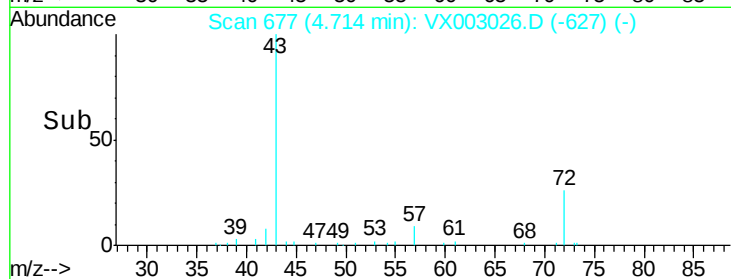
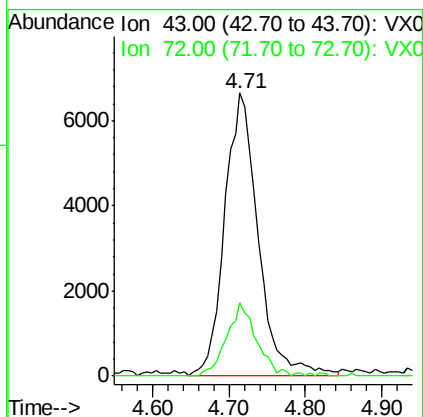
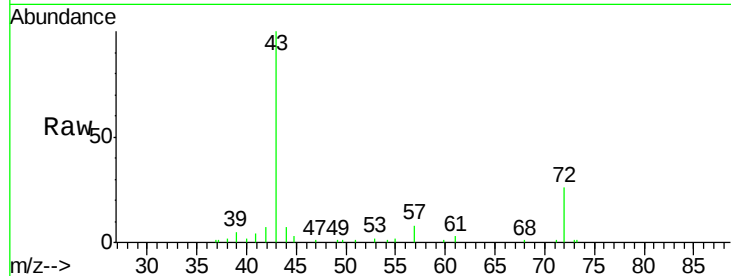




#25  
2-Butanone  
Concen: 8.64 ug/l  
RT: 4.71 min Scan# 677  
Delta R.T. 0.01 min  
Lab File: VX003026.D  
Acq: 29 Jun 2018 14:05

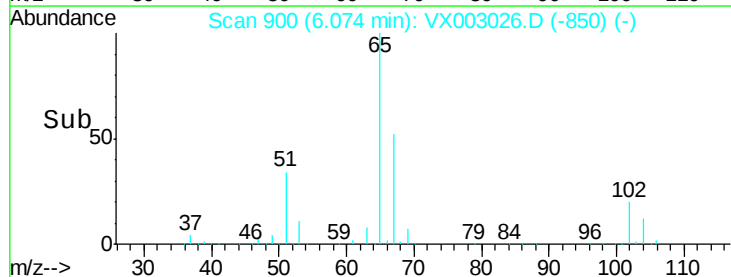
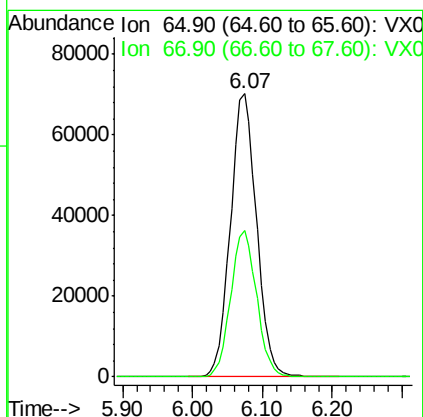
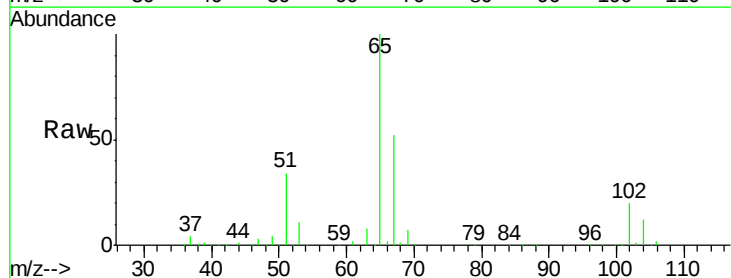
Instrument :  
MSVOA\_X  
ClientSampleId :  
PS-BASELINEWATERDL

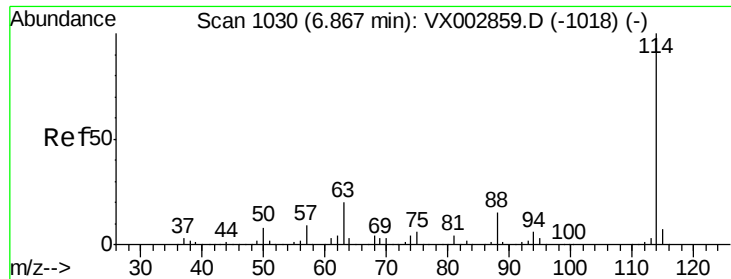
Tot Ion: 43 Resp: 20220  
Ion Ratio Lower Upper  
43 100  
72 26.0 18.5 27.7



#33  
1,2-Dichloroethane-d4  
Concen: 47.88 ug/l  
RT: 6.07 min Scan# 900  
Delta R.T. 0.01 min  
Lab File: VX003026.D  
Acq: 29 Jun 2018 14:05

Tgt Ion: 65 Resp: 182422  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003026.D

Acq: 29 Jun 2018 14:05

Instrument :

MSVOA\_X

ClientSampleId :

PS-BASELINEWATERDL

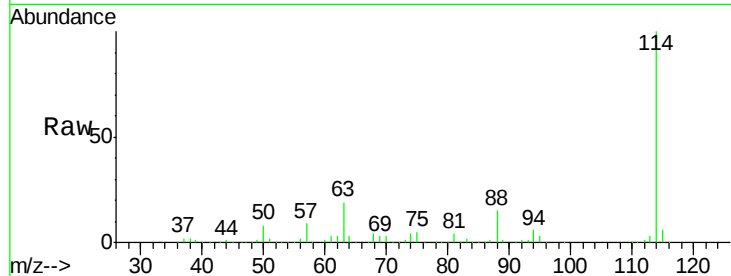
Tot Ion:114 Resp: 383624

Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.4

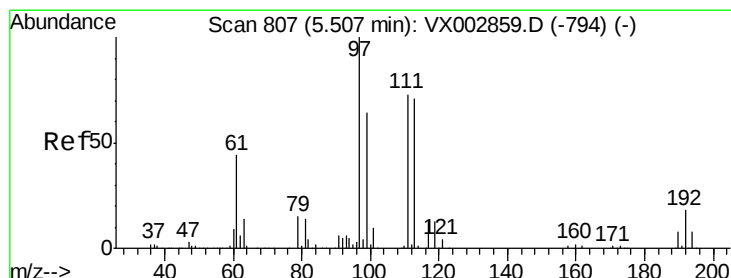
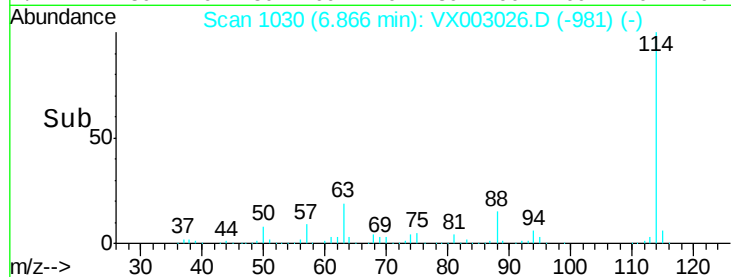
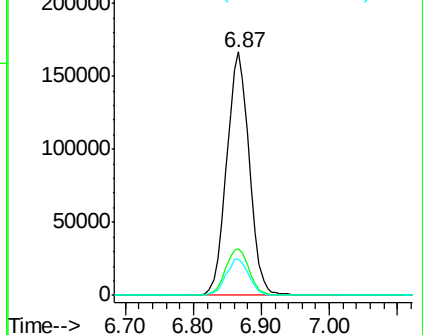
88 15.1 0.0 30.0



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: 47.93 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003026.D

Acq: 29 Jun 2018 14:05

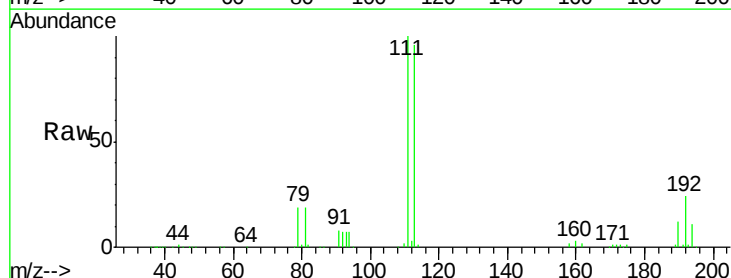
Tgt Ion:113 Resp: 145618

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

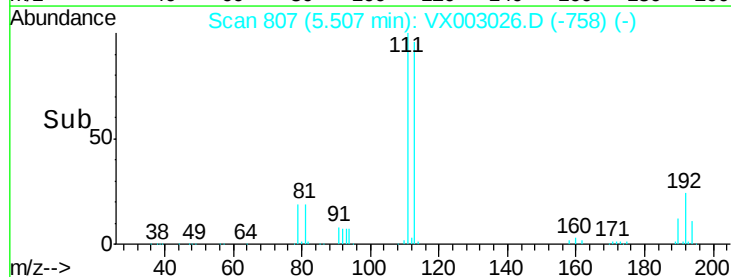
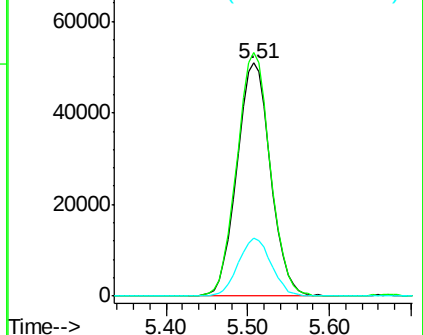
192 24.6 19.1 28.7

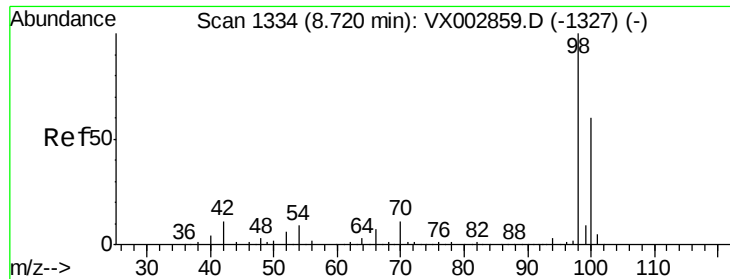


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.81 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003026.D

Acq: 29 Jun 2018 14:05

Instrument :

MSVOA\_X

ClientSampleId :

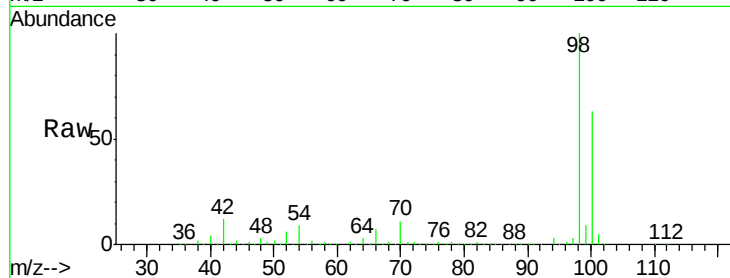
PS-BASELINEWATERDL

Tot Ion: 98 Resp: 541474

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

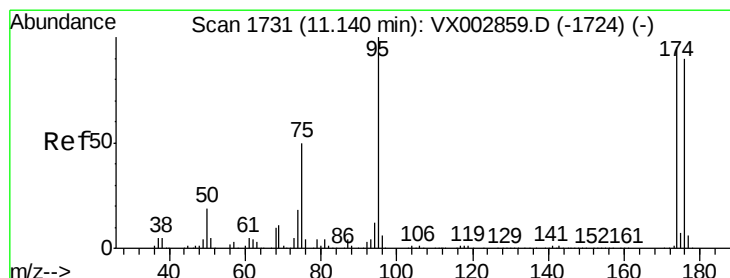
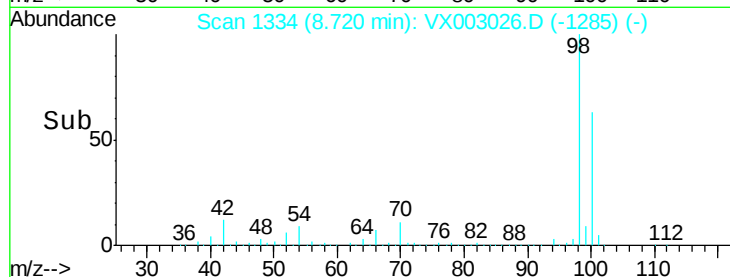
300000

200000

100000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 44.86 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003026.D

Acq: 29 Jun 2018 14:05

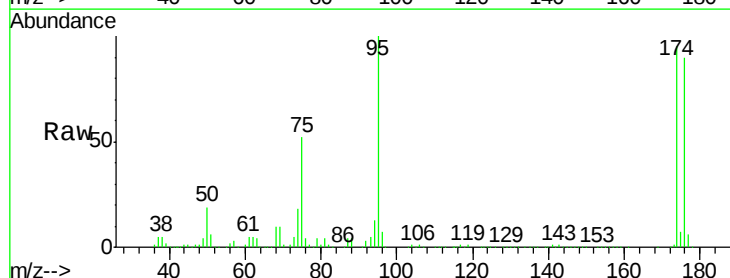
Tgt Ion: 95 Resp: 191946

Ion Ratio Lower Upper

95 100

174 97.7 0.0 187.4

176 93.9 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

200000

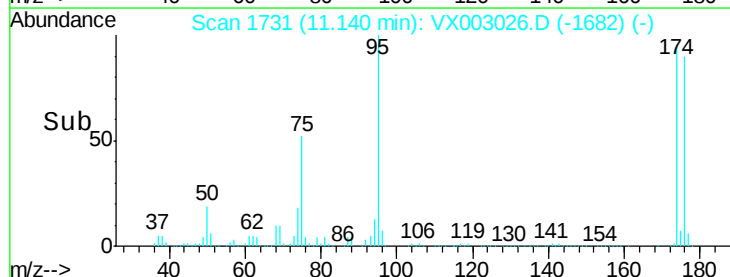
150000

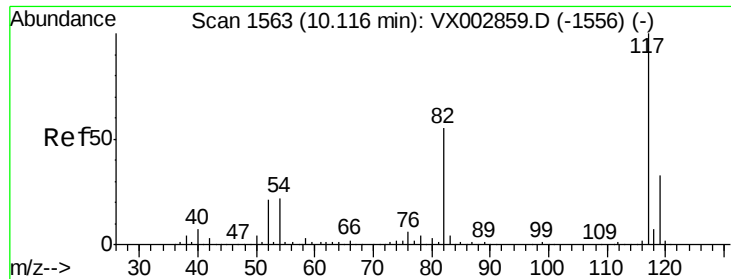
100000

50000

0

Time--> 11.10 11.20 11.30

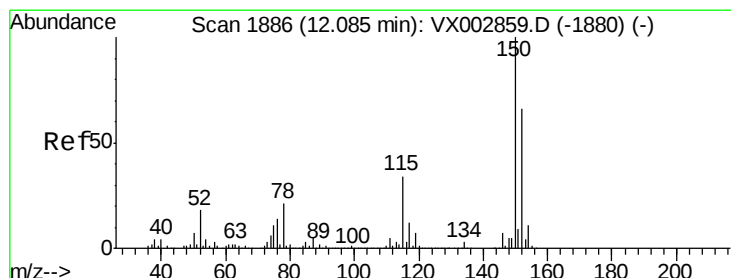
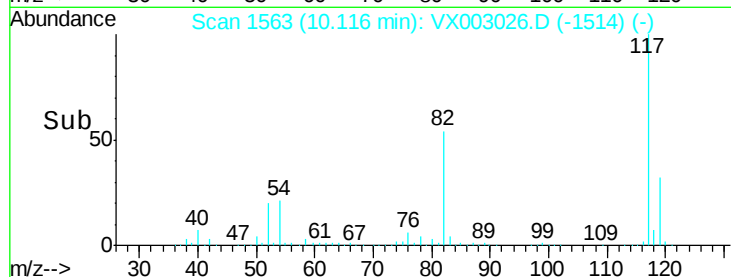
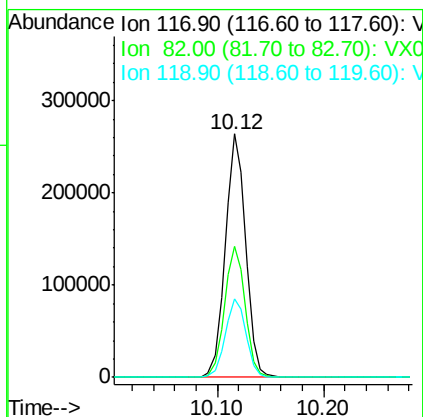
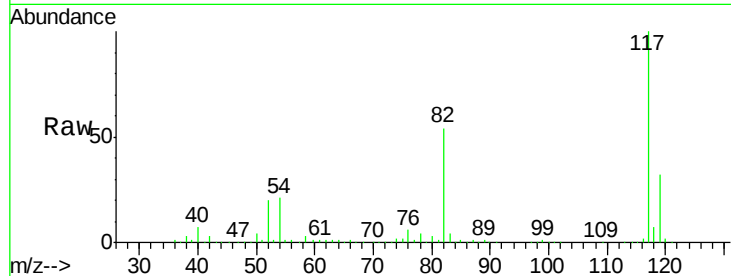




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX003026.D  
Acq: 29 Jun 2018 14:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
PS-BASELINEWATERDL

Tot Ion:117 Resp: 354134  
Ion Ratio Lower Upper  
117 100  
82 53.6 45.0 67.4  
119 32.1 25.8 38.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.08 min Scan# 1885  
Delta R.T. -0.01 min  
Lab File: VX003026.D  
Acq: 29 Jun 2018 14:05

Tgt Ion:152 Resp: 205106  
Ion Ratio Lower Upper  
152 100  
115 54.3 40.1 120.2  
150 156.0 0.0 347.2

