

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\  
 Data File : VX004229.D  
 Acq On : 23 Aug 2018 16:19  
 Operator : JC/MD  
 Sample : J4295-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OUTFALL

Quant Time: Aug 24 09:41:27 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082218W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 23 05:39:44 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 315396   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 490802   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 435302   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 266654   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 206439   | 50.22 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 100.44% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 176840   | 48.43 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 96.86%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 688048   | 49.92 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 99.84%  |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 256673   | 49.91 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 99.82%  |          |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 1.32  | 50   | 2187     | 0.83      | ug/l   | 99     |
| 5) Bromomethane                | 1.65  | 94   | 1279     | Below Cal |        | 82     |
| 6) Chloroethane                | 1.65  | 64   | 740      | 1.19      | ug/l # | 54     |
| 10) Methyl Iodide              | 2.52  | 142  | 873      | 4.46      | ug/l   | 97     |
| 11) Tert butyl alcohol         | 3.07  | 59   | 1422     | 1.62      | ug/l # | 66     |
| 13) Acrolein                   | 2.29  | 56   | 5298     | 25.08     | ug/l # | 81     |
| 15) Acrylonitrile              | 3.15  | 53   | 555      | 0.26      | ug/l # | 50     |
| 16) Acetone                    | 2.45  | 43   | 161873   | 91.34     | ug/l   | 98     |
| 17) Carbon Disulfide           | 2.57  | 76   | 1026     | 0.91      | ug/l # | 76     |
| 18) Methyl Acetate             | 2.78  | 43   | 1526     | 0.25      | ug/l   | 93     |
| 25) 2-Butanone                 | 4.71  | 43   | 48519    | 14.94     | ug/l   | 98     |
| 29) Tetrahydrofuran            | 5.16  | 42   | 767      | 0.43      | ug/l # | 40     |
| 31) Cyclohexane                | 5.57  | 56   | 4876     | 0.85      | ug/l # | 82     |
| 36) 1,1-Dichloropropene        | 5.66  | 75   | 20282    | 3.68      | ug/l # | 50     |
| 37) Ethyl Acetate              | 4.71  | 43   | 48519    | 8.94      | ug/l # | 68     |
| 38) Carbon Tetrachloride       | 5.66  | 117  | 27211    | 5.24      | ug/l # | 15     |
| 39) Methylcyclohexane          | 7.46  | 83   | 6749     | 1.07      | ug/l   | 97     |
| 43) Isopropyl Acetate          | 6.48  | 43   | 1972     | 0.24      | ug/l # | 59     |
| 48) Methyl methacrylate        | 7.78  | 41   | 2125     | 0.48      | ug/l   | 94     |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 30699    | 5.07      | ug/l   | 100    |
| 59) 2-Hexanone                 | 9.50  | 43   | 7924     | 1.71      | ug/l   | 94     |
| 67) Ethyl Benzene              | 10.25 | 91   | 21900    | 1.23      | ug/l   | 94     |
| 68) m/p-Xylenes                | 10.36 | 106  | 26644    | 3.84      | ug/l   | 99     |
| 69) o-Xylene                   | 10.70 | 106  | 8051     | 1.23      | ug/l   | 92     |
| 70) Styrene                    | 10.71 | 104  | 6138     | 0.58      | ug/l # | 83     |
| 74) N-amyl acetate             | 10.91 | 43   | 3532     | 0.52      | ug/l # | 25     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 120959   | 22.30     | ug/l # | 37     |
| 78) n-propylbenzene            | 11.36 | 91   | 6252     | 0.31      | ug/l   | 95     |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 3463     | 0.28      | ug/l # | 40     |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 8652     | 0.60      | ug/l   | 99     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 120959   | 72.37     | ug/l # | 10     |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 26792    | 1.80      | ug/l   | 92     |
| 94) Hexachlorobutadiene        | 13.79 | 225  | 168      | Below Cal |        | 90     |
| 95) Naphthalene                | 13.83 | 128  | 17038    | 0.98      | ug/l   | 99     |

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MSVOA\_X  
ClientSampleId :  
OUTFALL

Quant Time: Aug 24 09:41:27 2018  
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Quant Title : SW846 8260  
QLast Update : Thu Aug 23 05:39:44 2018  
Response via : Initial Calibration

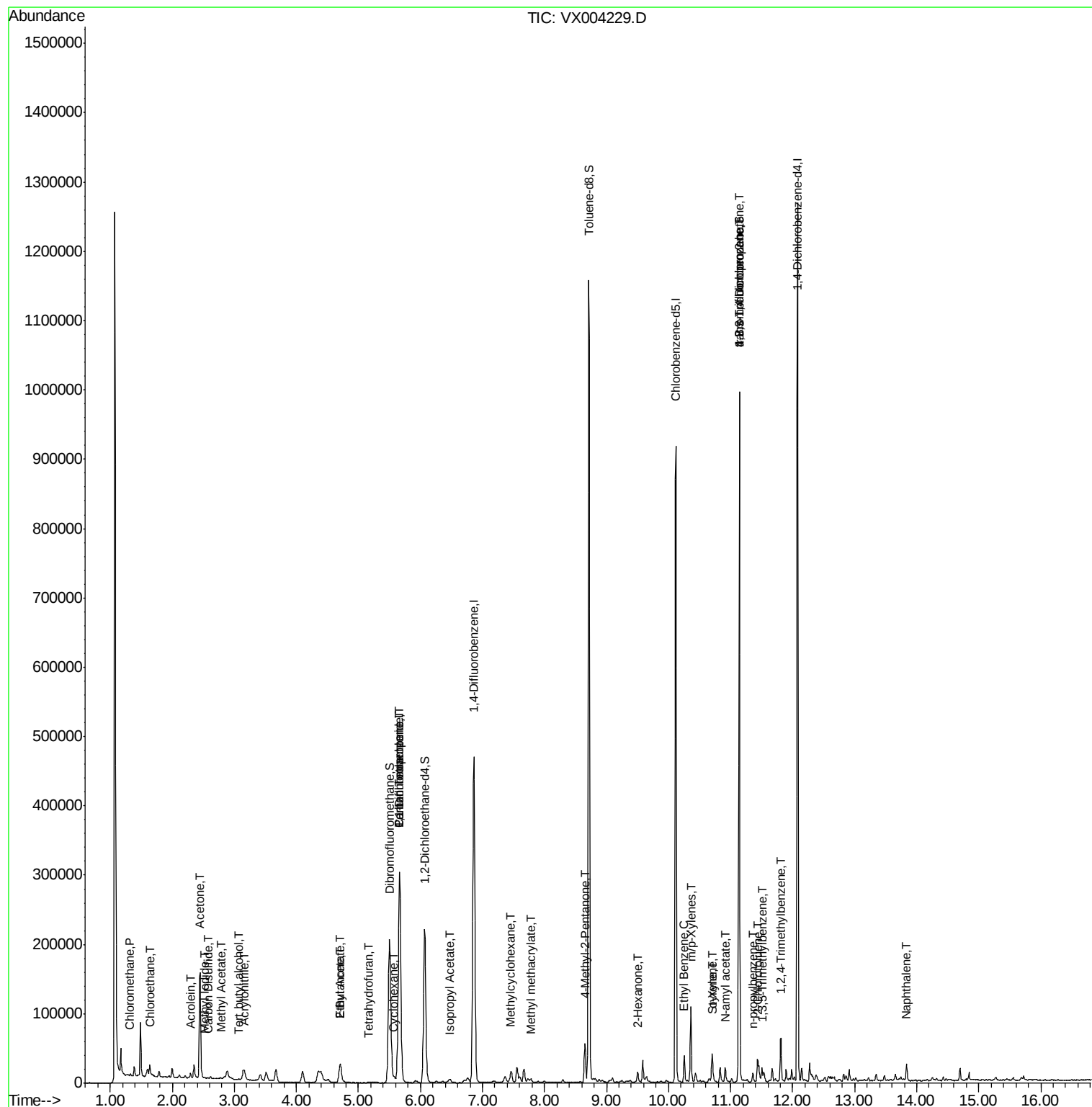
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
| -----              |      |      |          |      |       |          |
| -----              |      |      |          |      |       |          |

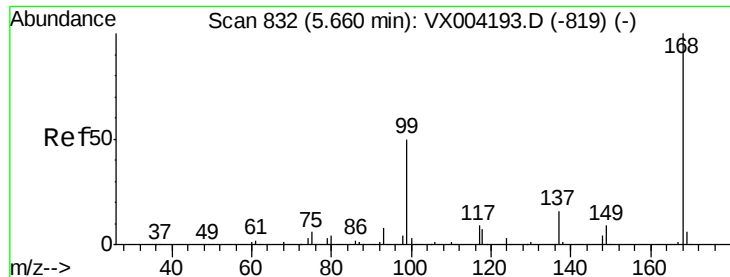
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

Instrument :

MSVOA\_X

ClientSampleId :

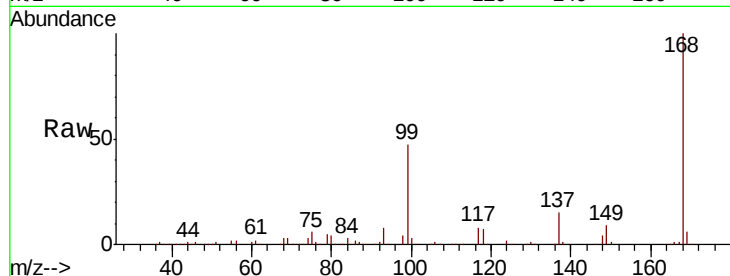
OUTFALL

Tot Ion:168 Resp: 315396

Ion Ratio Lower Upper

168 100

99 47.4 39.9 59.9



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

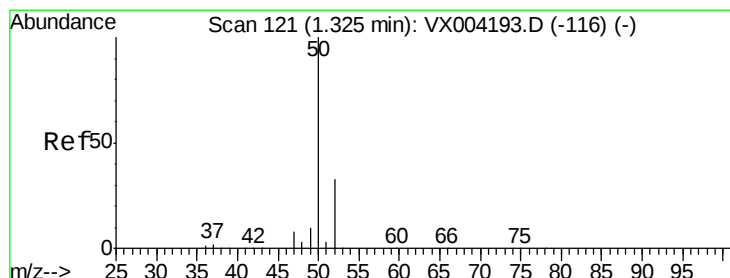
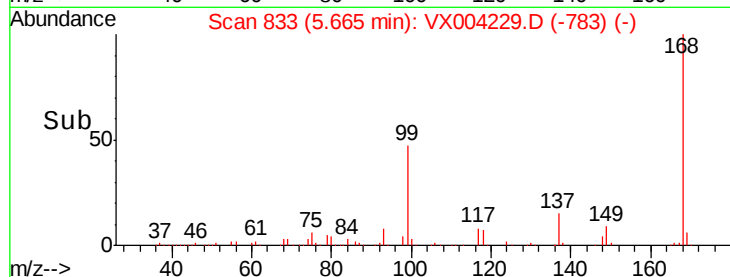
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#3

Chloromethane

Concen: 0.83 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004229.D

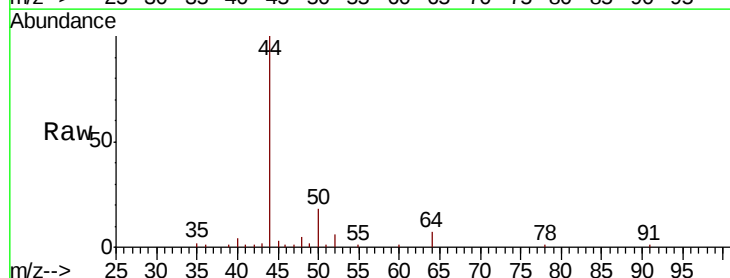
Acq: 23 Aug 2018 16:19

Tgt Ion: 50 Resp: 2187

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1500

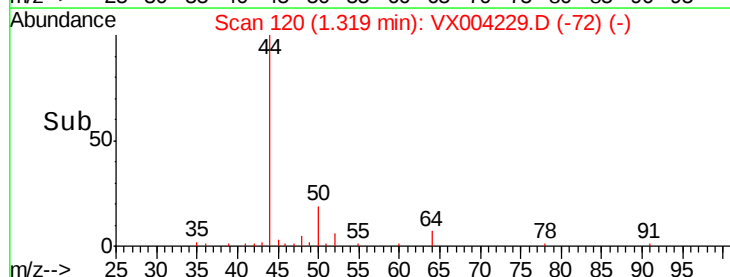
1000

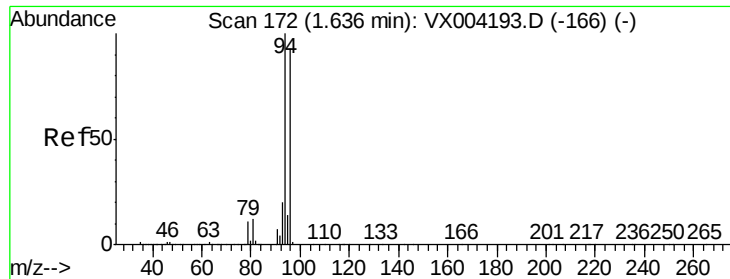
500

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

Instrument :

MSVOA\_X

ClientSampleId :

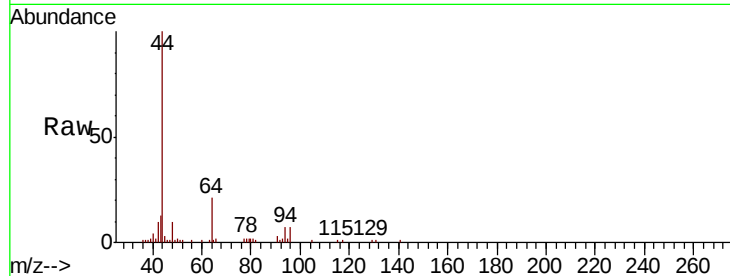
OUTFALL

Tot Ion: 94 Resp: 1279

Ion Ratio Lower Upper

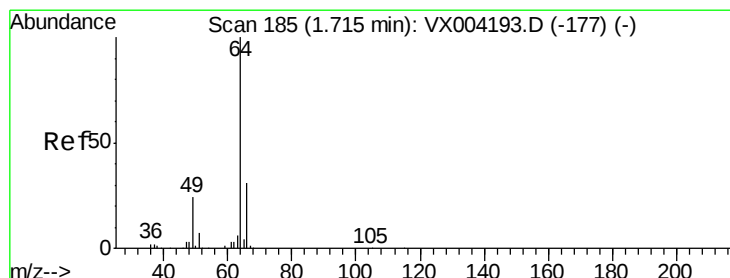
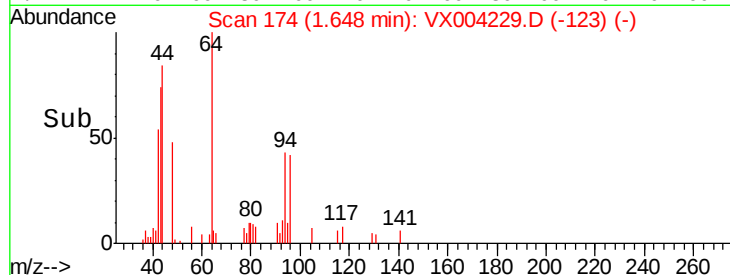
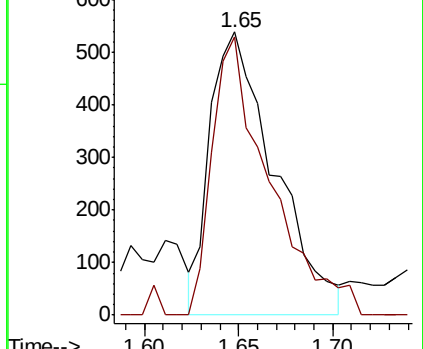
94 100

96 110.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.19 ug/l

RT: 1.65 min Scan# 175

Delta R.T. -0.06 min

Lab File: VX004229.D

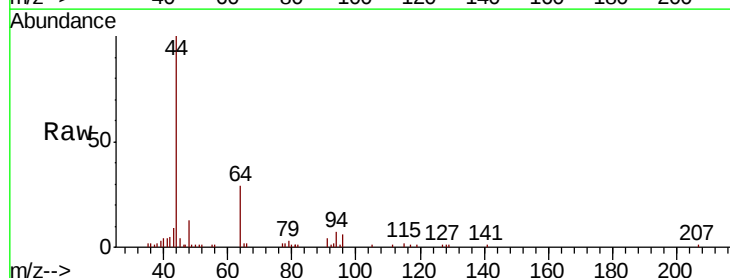
Acq: 23 Aug 2018 16:19

Tgt Ion: 64 Resp: 740

Ion Ratio Lower Upper

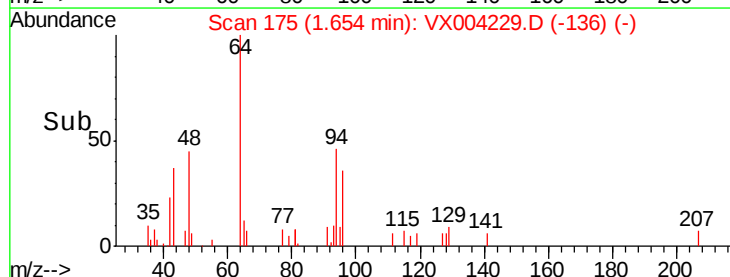
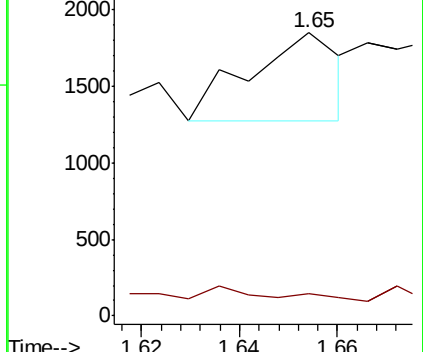
64 100

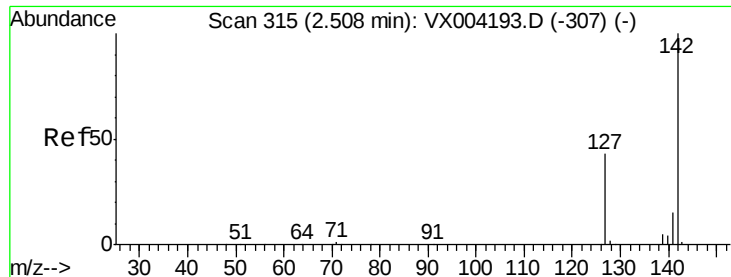
66 5.7 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

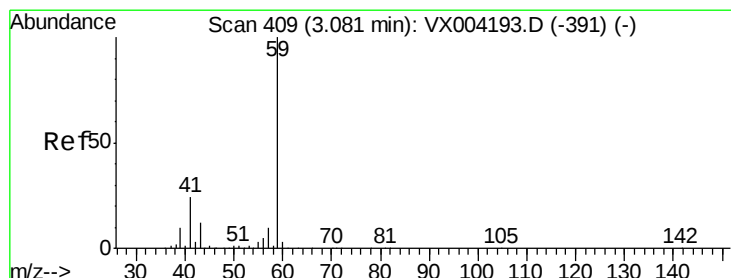
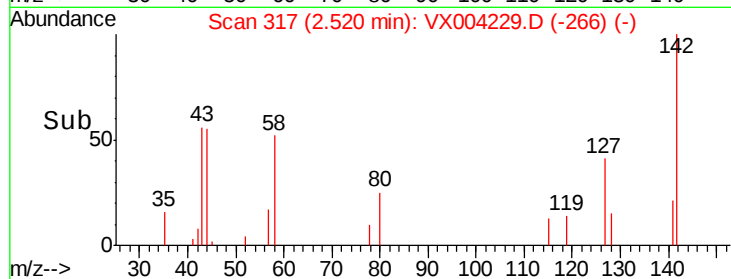
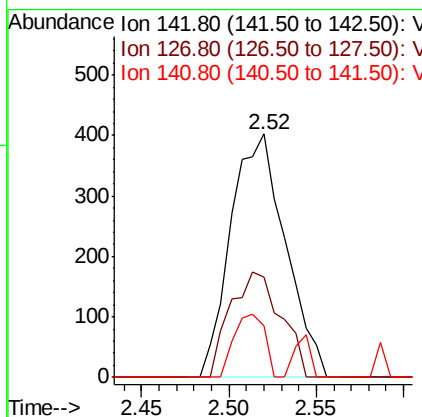
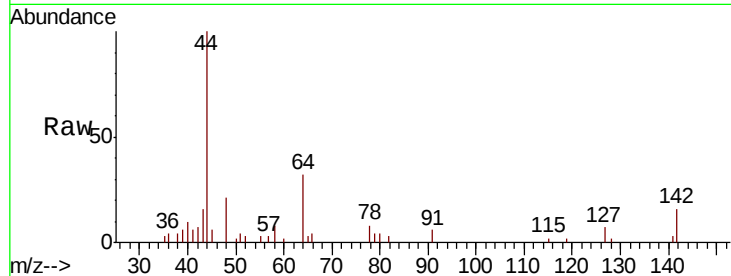




#10  
Methyl Iodide  
Concen: 4.46 ug/l  
RT: 2.52 min Scan# 317  
Delta R.T. 0.01 min  
Lab File: VX004229.D  
Acq: 23 Aug 2018 16:19

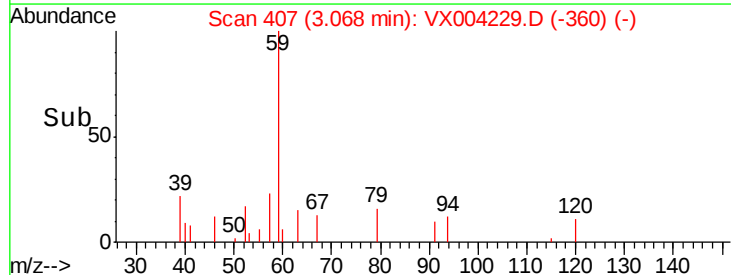
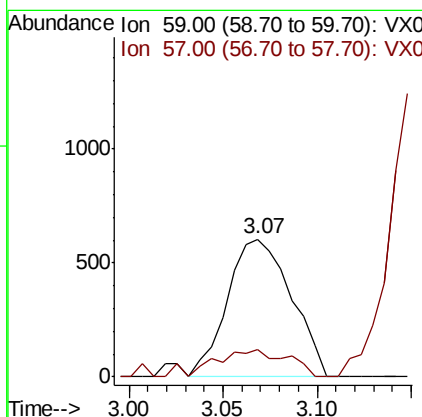
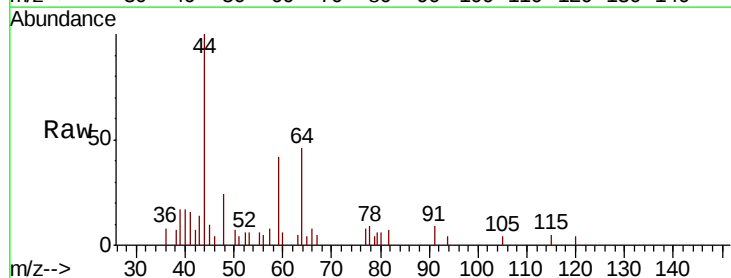
Instrument :  
MSVOA\_X  
ClientSampled :  
OUTFALL

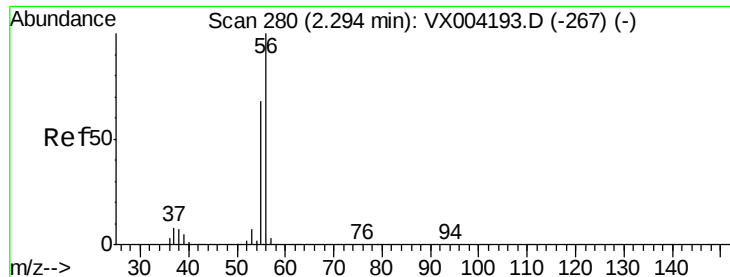
Tot Ion:142 Resp: 873  
Ion Ratio Lower Upper  
142 100  
127 40.0 33.8 50.6  
141 14.7 11.4 17.0



#11  
Tert butyl alcohol  
Concen: 1.62 ug/l  
RT: 3.07 min Scan# 407  
Delta R.T. -0.01 min  
Lab File: VX004229.D  
Acq: 23 Aug 2018 16:19

Tgt Ion: 59 Resp: 1422  
Ion Ratio Lower Upper  
59 100  
57 23.1 8.2 12.4#





#13

Acrolein

Concen: 25.08 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

Instrument :

MSVOA\_X

ClientSampleId :

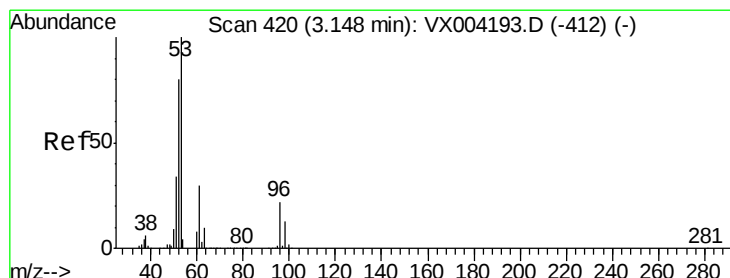
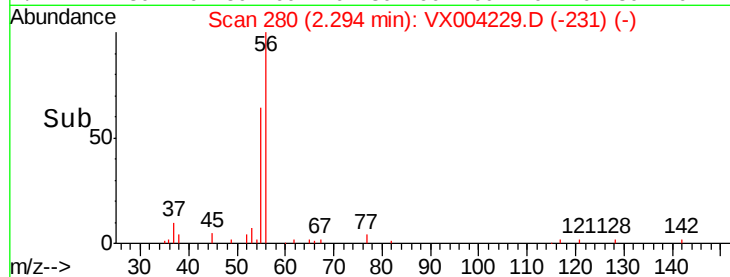
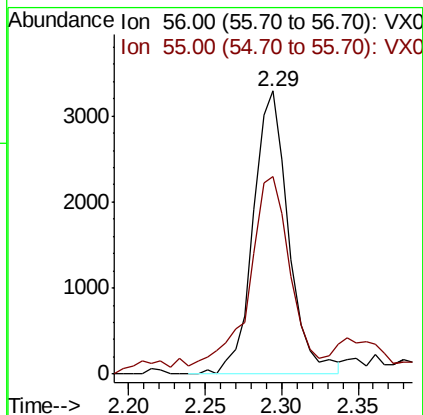
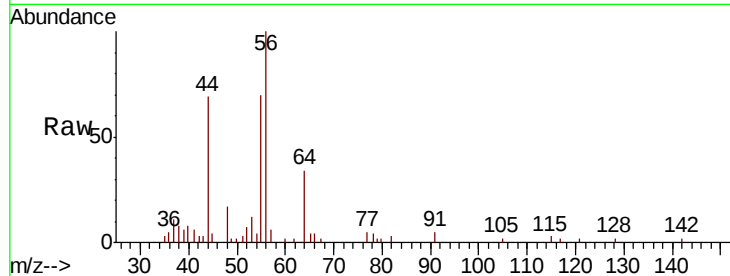
OUTFALL

Tot Ion: 56 Resp: 5298

Ion Ratio Lower Upper

56 100

55 83.5 54.7 82.1#



#15

Acrylonitrile

Concen: 0.26 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

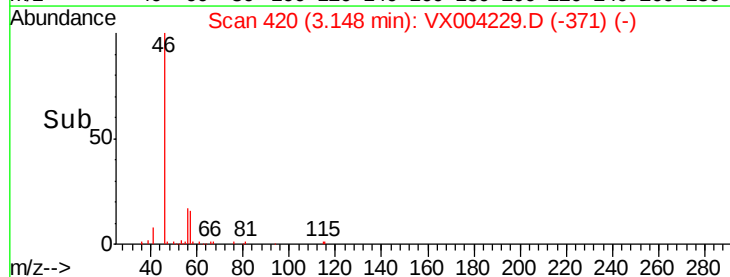
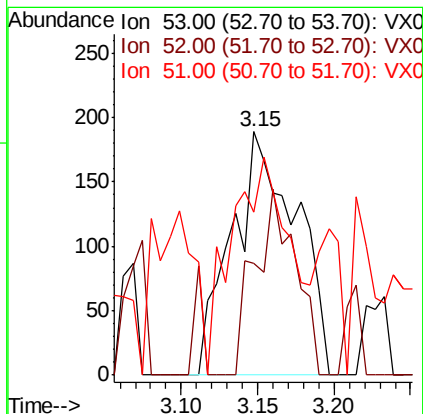
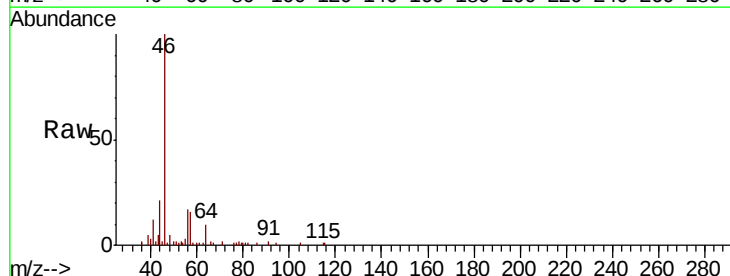
Tgt Ion: 53 Resp: 555

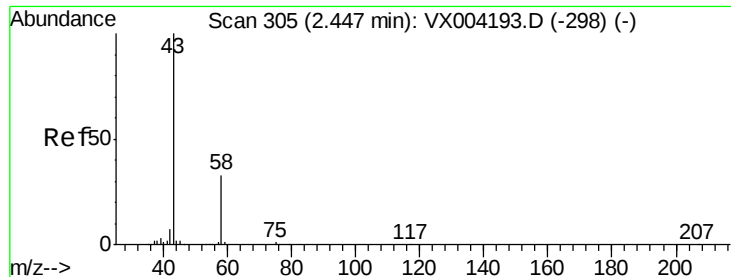
Ion Ratio Lower Upper

53 100

52 48.8 65.2 97.8#

51 82.3 28.2 42.2#





#16

Acetone

Concen: 91.34 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

Instrument :

MSVOA\_X

ClientSampled :

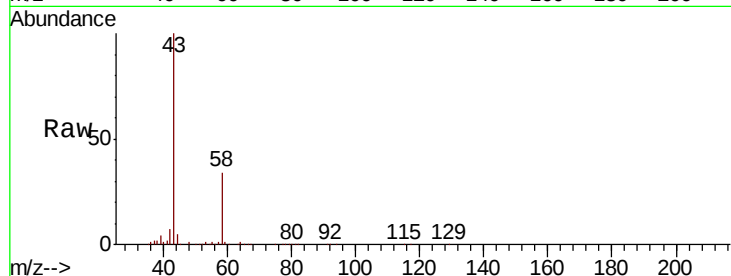
OUTFALL

Tot Ion: 43 Resp: 161873

Ion Ratio Lower Upper

43 100

58 33.8 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

100000

80000

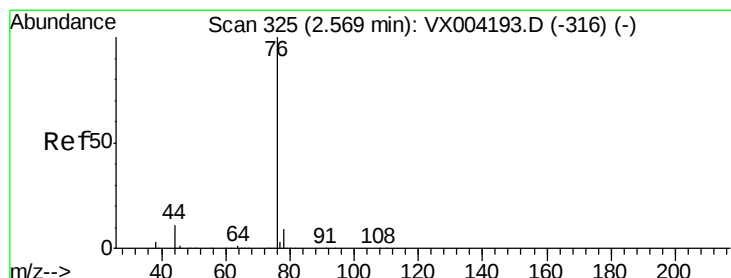
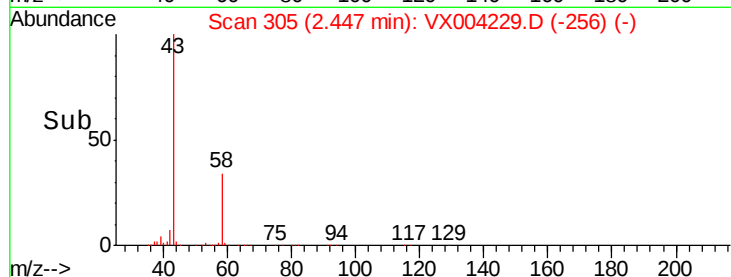
60000

40000

20000

0

Time--> 2.35 2.40 2.45 2.50 2.55



#17

Carbon Disulfide

Concen: 0.91 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX004229.D

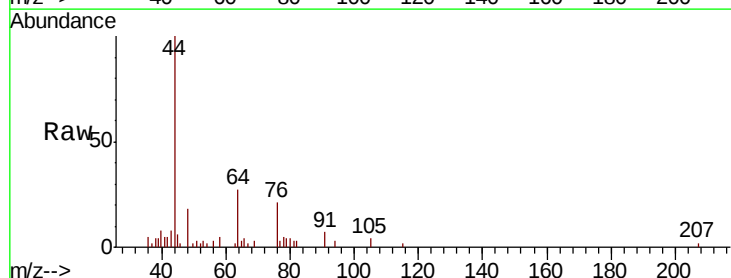
Acq: 23 Aug 2018 16:19

Tgt Ion: 76 Resp: 1026

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

600

500

400

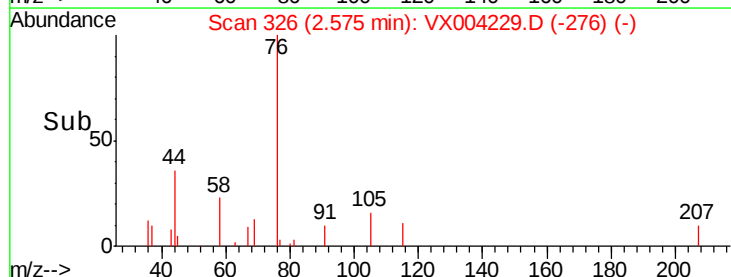
300

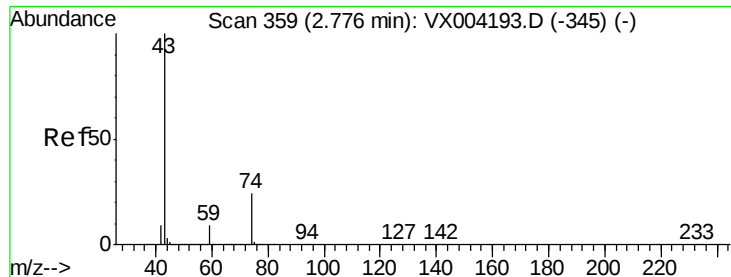
200

100

0

Time--> 2.50 2.55 2.60 2.65

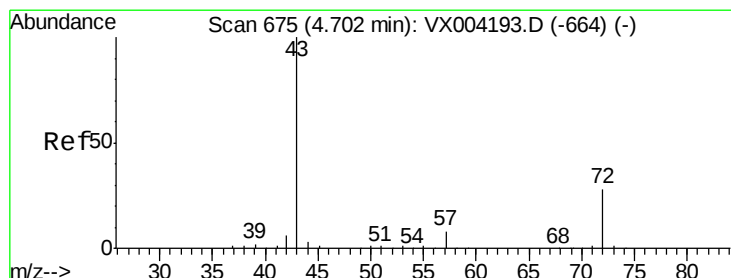
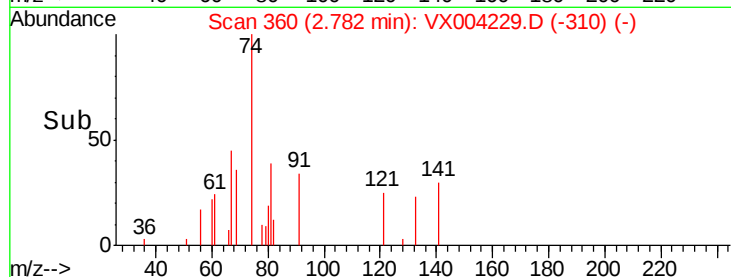
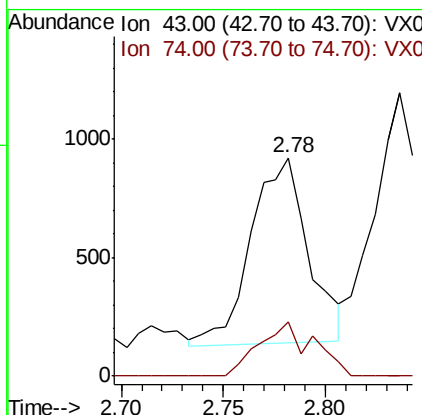
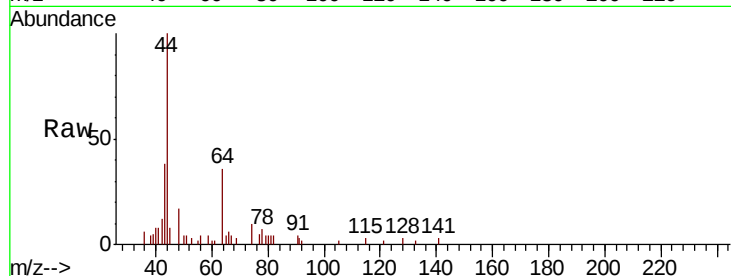




#18  
Methvl Acetate  
Concen: 0.25 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. 0.01 min  
Lab File: VX004229.D  
Acq: 23 Aug 2018 16:19

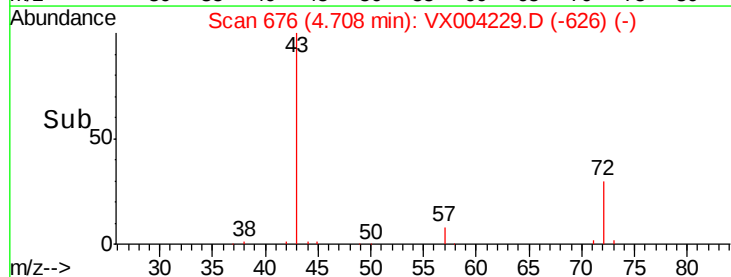
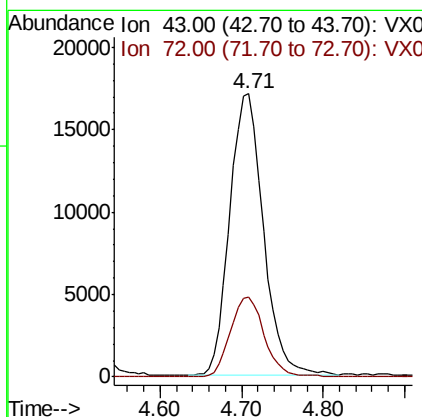
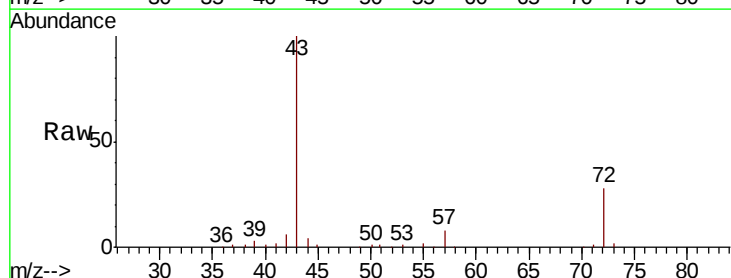
Instrument :  
MSVOA\_X  
ClientSampled :  
OUTFALL

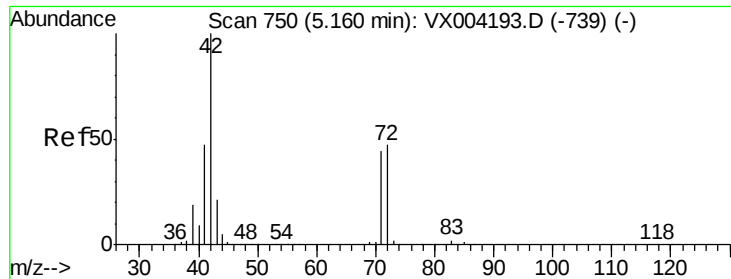
Tot Ion: 43 Resp: 1526  
Ion Ratio Lower Upper  
43 100  
74 27.8 19.4 29.2



#25  
2-Butanone  
Concen: 14.94 ug/l  
RT: 4.71 min Scan# 676  
Delta R.T. 0.01 min  
Lab File: VX004229.D  
Acq: 23 Aug 2018 16:19

Tgt Ion: 43 Resp: 48519  
Ion Ratio Lower Upper  
43 100  
72 28.6 22.0 33.0





#29

Tetrahydrofuran

Concen: 0.43 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

Instrument :

MSVOA\_X

ClientSampled :

OUTFALL

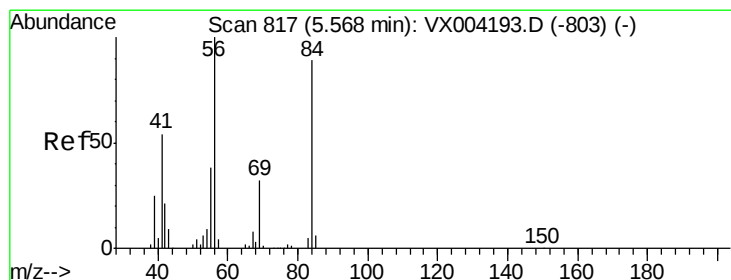
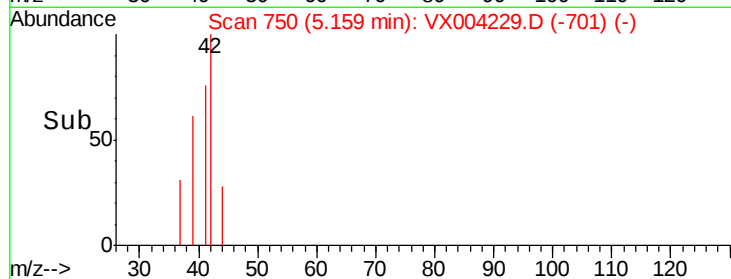
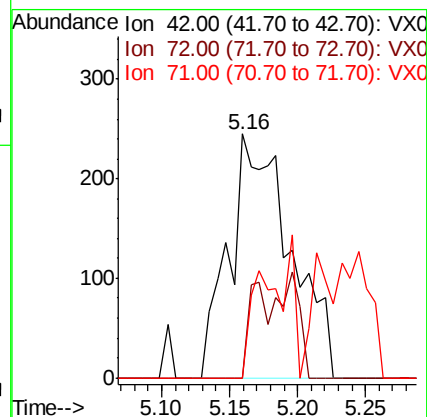
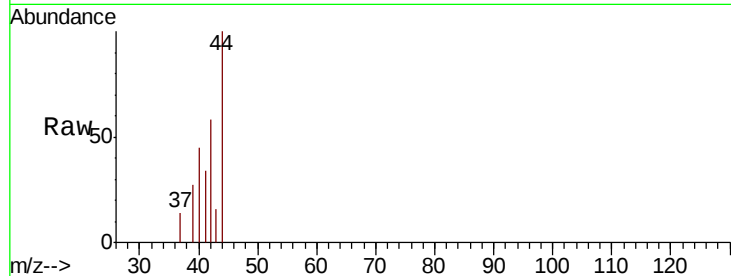
Tot Ion: 42 Resp: 767

Ion Ratio Lower Upper

42 100

72 11.6 37.4 56.0#

71 0.0 34.5 51.7#



#31

Cyclohexane

Concen: 0.85 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

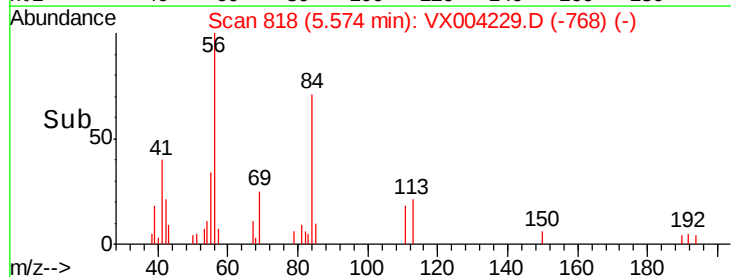
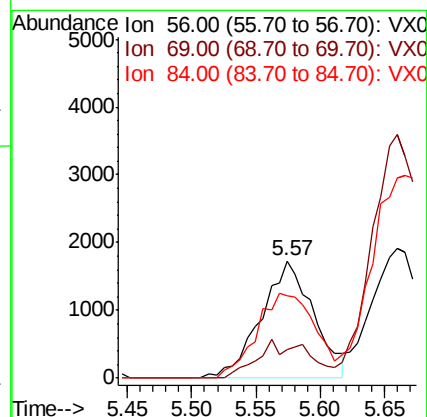
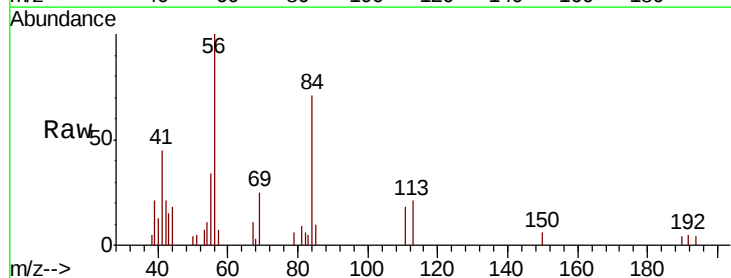
Tgt Ion: 56 Resp: 4876

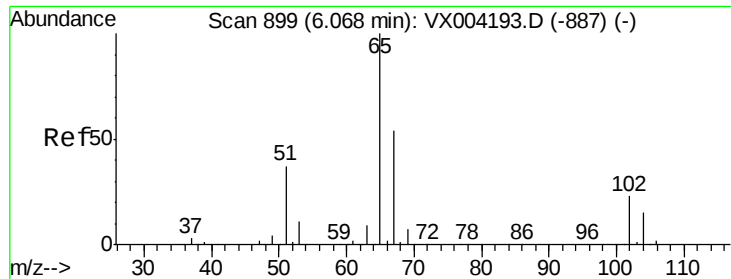
Ion Ratio Lower Upper

56 100

69 24.8 25.4 38.2#

84 70.5 71.4 107.2#

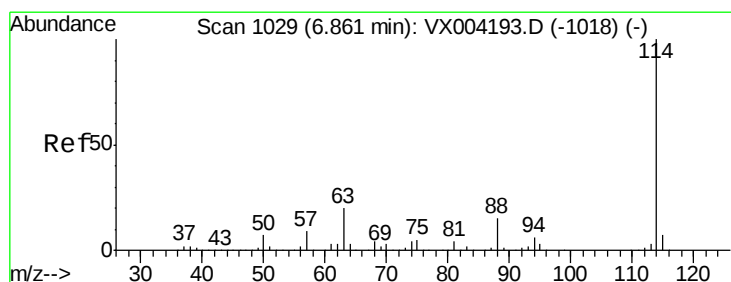
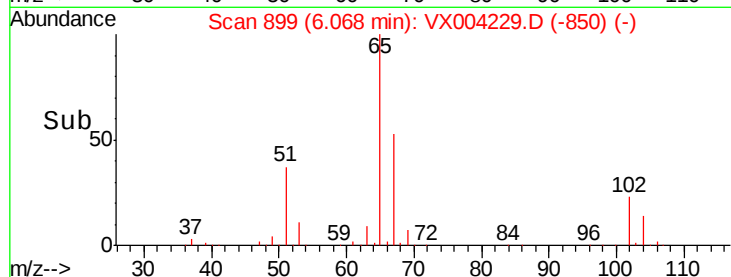
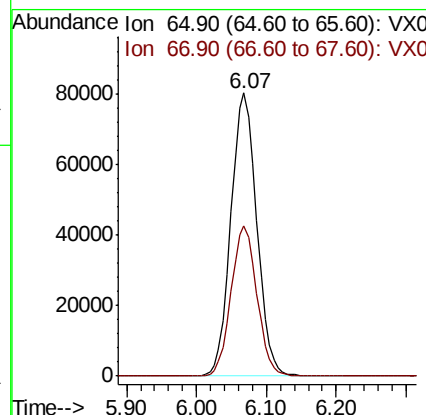
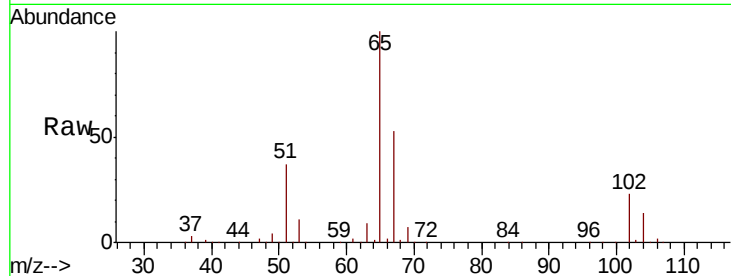




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.22 ug/l  
 RT: 6.07 min Scan# 899  
 Delta R.T. -0.00 min  
 Lab File: VX004229.D  
 Acq: 23 Aug 2018 16:19

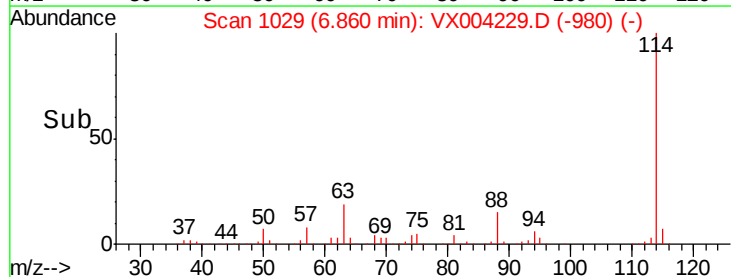
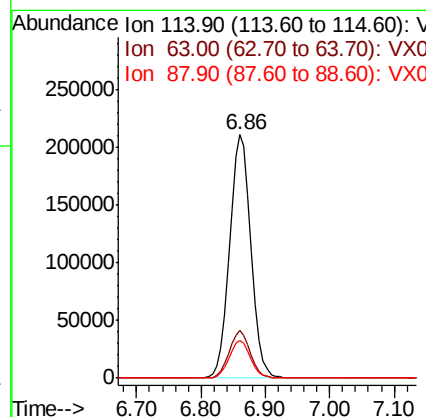
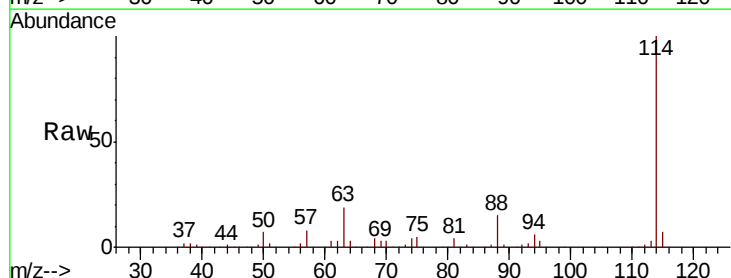
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OUTFALL

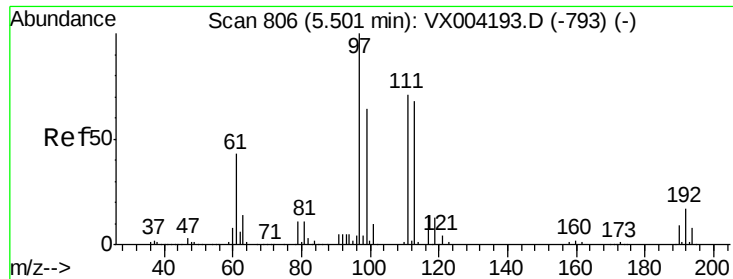
Tot Ion: 65 Resp: 206439  
 Ion Ratio Lower Upper  
 65 100  
 67 52.9 0.0 106.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.86 min Scan# 1029  
 Delta R.T. -0.00 min  
 Lab File: VX004229.D  
 Acq: 23 Aug 2018 16:19

Tgt Ion: 114 Resp: 490802  
 Ion Ratio Lower Upper  
 114 100  
 63 19.5 0.0 39.0  
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.43 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

Instrument :

MSVOA\_X

ClientSampleId :

OUTFALL

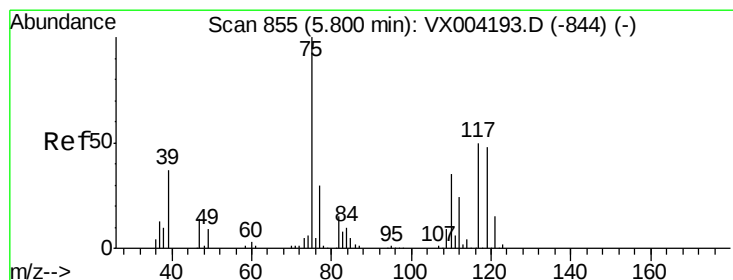
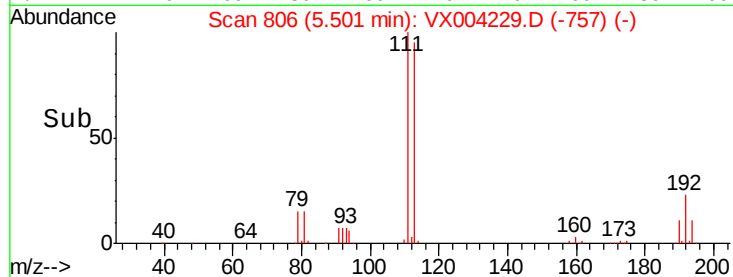
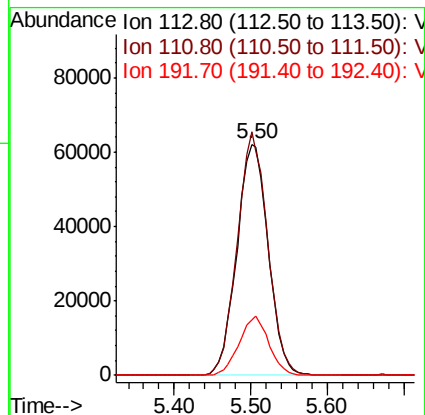
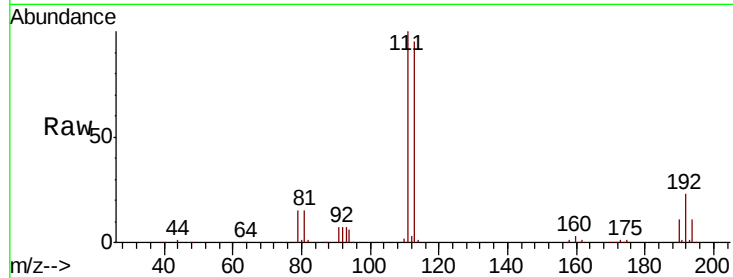
Tot Ion:113 Resp: 176840

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

192 24.2 19.4 29.2



#36

1,1-Dichloropropene

Concen: 3.68 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.14 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

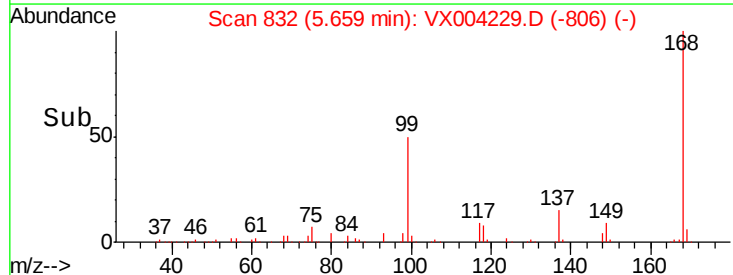
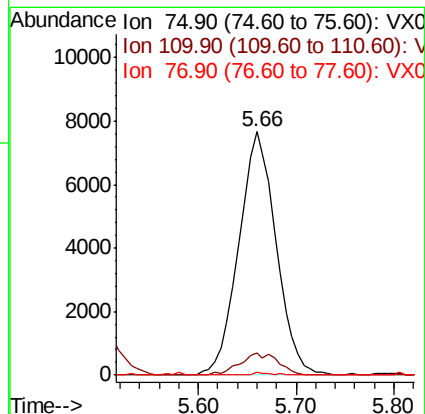
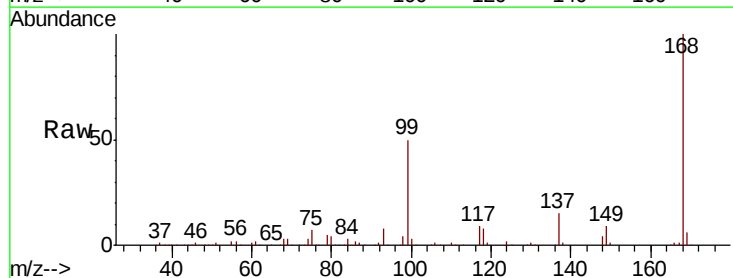
Tgt Ion: 75 Resp: 20282

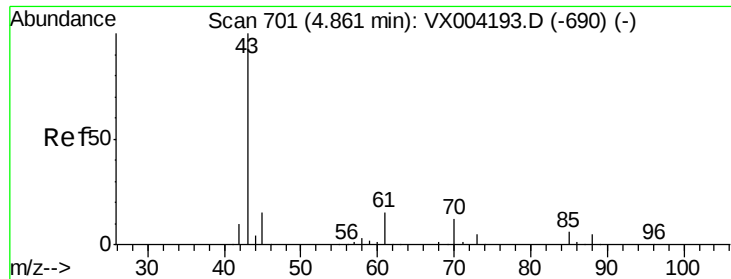
Ion Ratio Lower Upper

75 100

110 9.3 18.0 54.0#

77 0.5 24.6 36.8#





#37

Ethyl Acetate

Concen: 8.94 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.15 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

Instrument :

MSVOA\_X

ClientSampleId :

OUTFALL

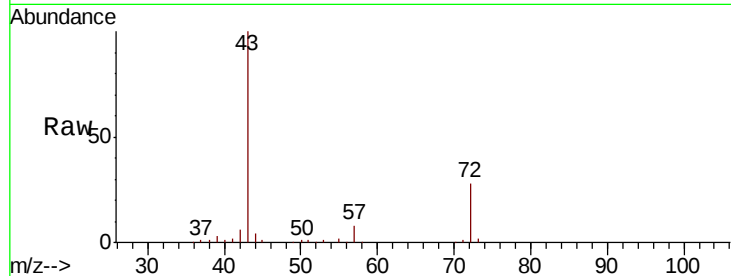
Tot Ion: 43 Resp: 48519

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

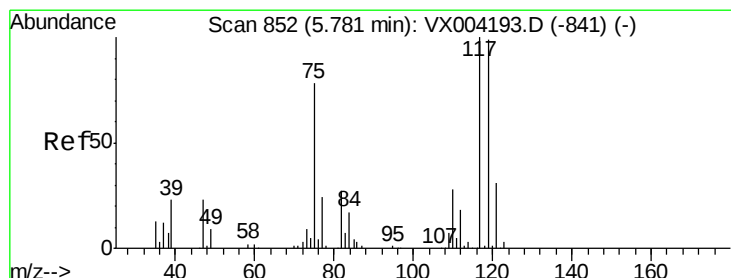
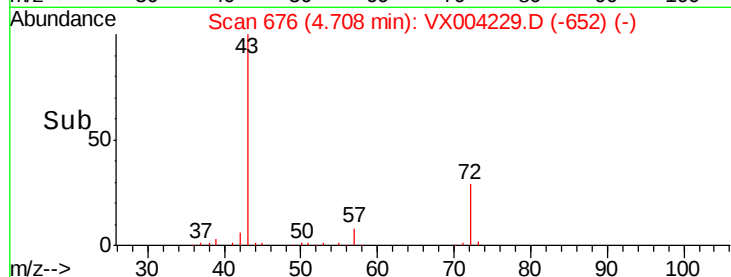
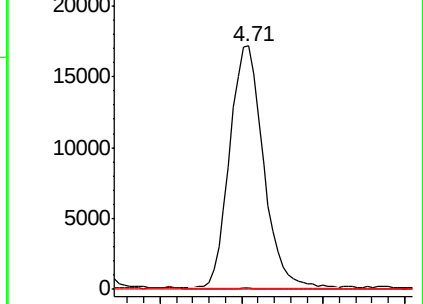
70 0.3 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 5.24 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.12 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

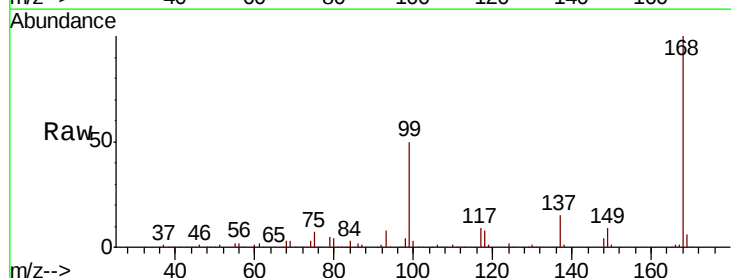
Tgt Ion: 117 Resp: 27211

Ion Ratio Lower Upper

117 100

119 5.7 78.8 118.2#

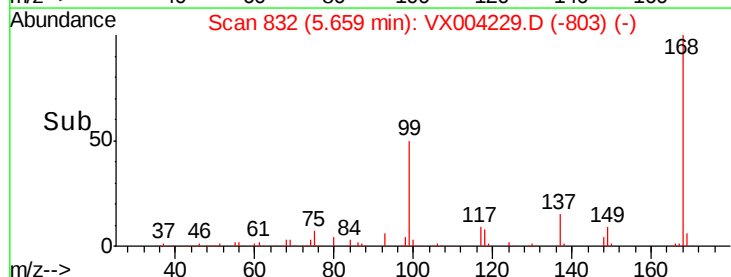
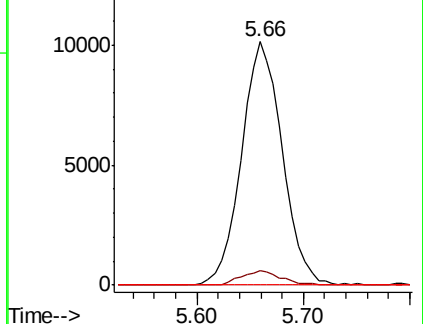
121 0.0 24.9 37.3#

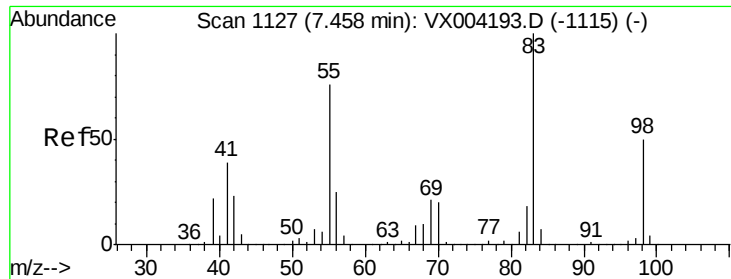


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

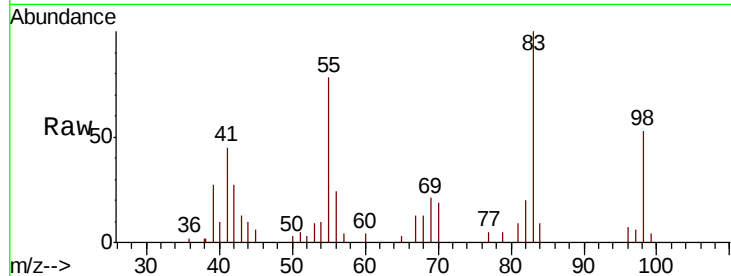




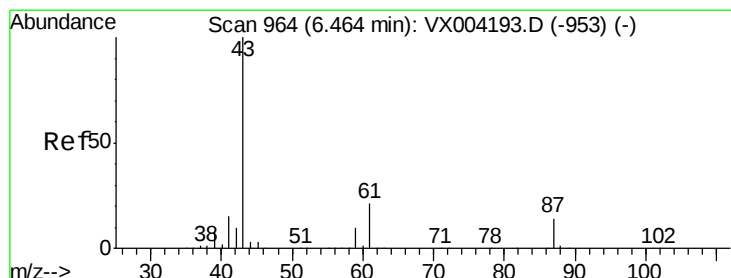
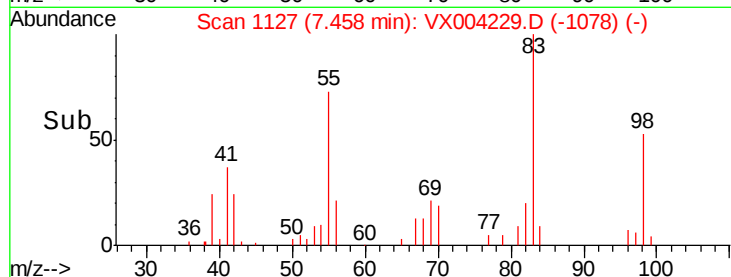
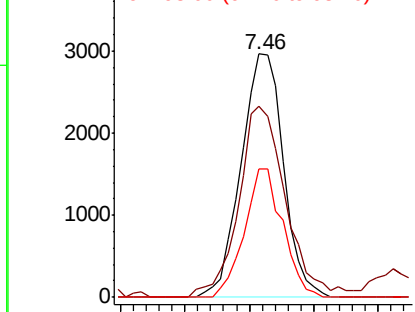
#39  
Methvlcvclohexane  
Concen: 1.07 ug/l  
RT: 7.46 min Scan# 1127  
Delta R.T. -0.00 min  
Lab File: VX004229.D  
Acq: 23 Aug 2018 16:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
OUTFALL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 78.4  | 61.0  | 91.4  |
| 98      | 52.8  | 39.6  | 59.4  |

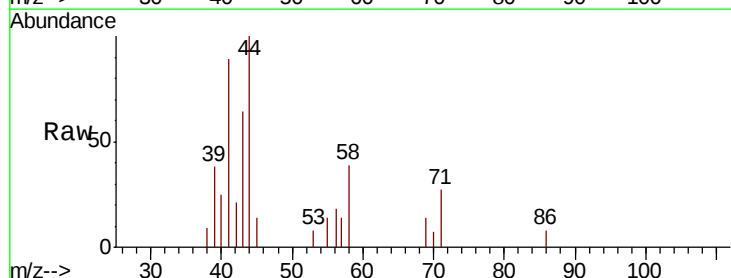


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

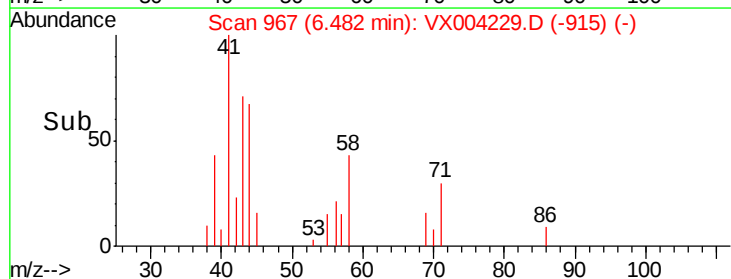
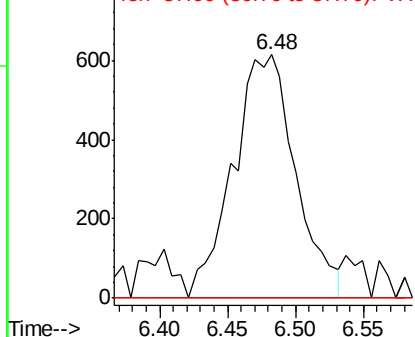


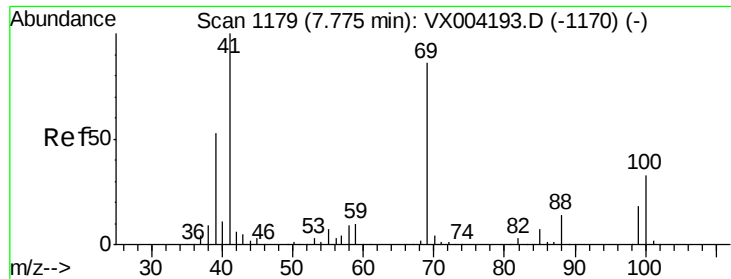
#43  
Isopropyl Acetate  
Concen: 0.24 ug/l  
RT: 6.48 min Scan# 967  
Delta R.T. 0.02 min  
Lab File: VX004229.D  
Acq: 23 Aug 2018 16:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 0.0   | 17.0  | 25.4# |
| 87      | 0.0   | 11.4  | 17.2# |



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 61.00 (60.70 to 61.70): VX0  
Ion 87.00 (86.70 to 87.70): VX0

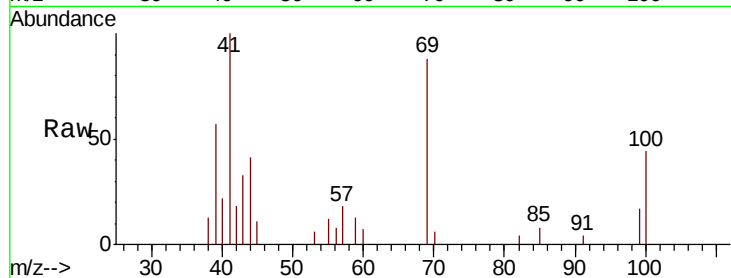




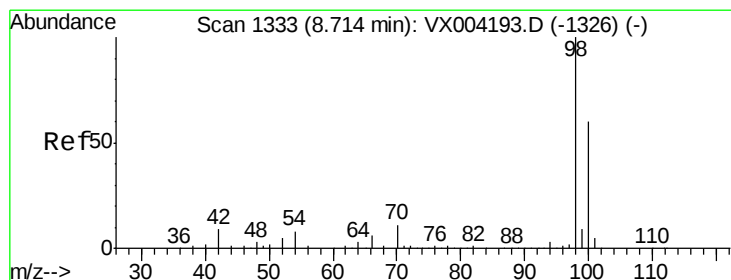
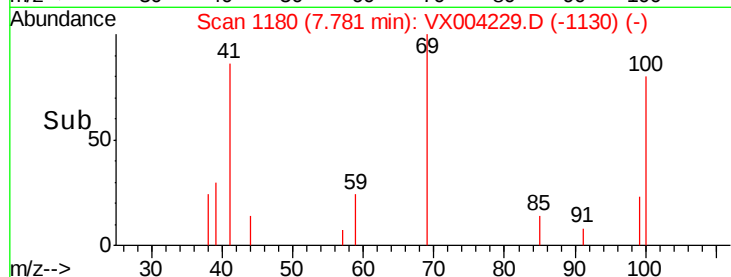
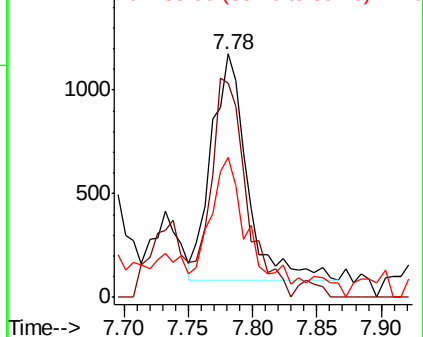
#48  
Methvl methacrylate  
Concen: 0.48 ug/l  
RT: 7.78 min Scan# 1180  
Delta R.T. 0.01 min  
Lab File: VX004229.D  
Acq: 23 Aug 2018 16:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
OUTFALL

Tot Ion: 41 Resp: 2125  
Ion Ratio Lower Upper  
41 100  
69 96.4 70.2 105.4  
39 53.0 42.7 64.1

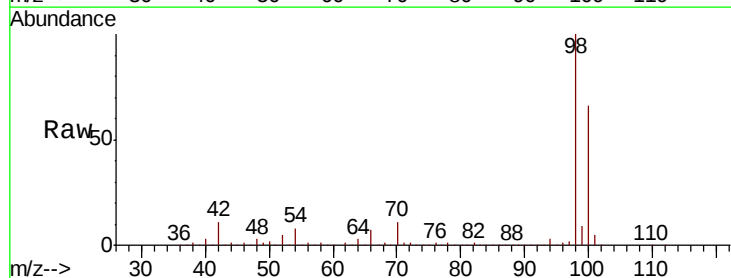


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0

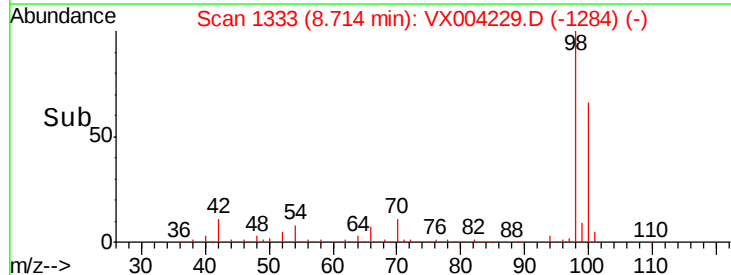
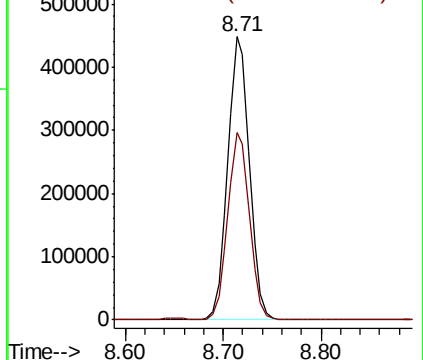


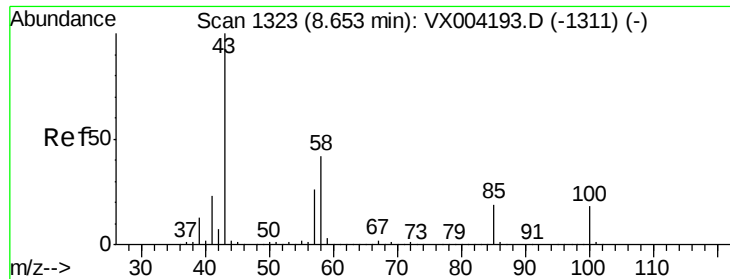
#50  
Toluene-d8  
Concen: 49.92 ug/l  
RT: 8.71 min Scan# 1333  
Delta R.T. -0.00 min  
Lab File: VX004229.D  
Acq: 23 Aug 2018 16:19

Tgt Ion: 98 Resp: 688048  
Ion Ratio Lower Upper  
98 100  
100 66.2 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 5.07 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

Instrument :

MSVOA\_X

ClientSampled :

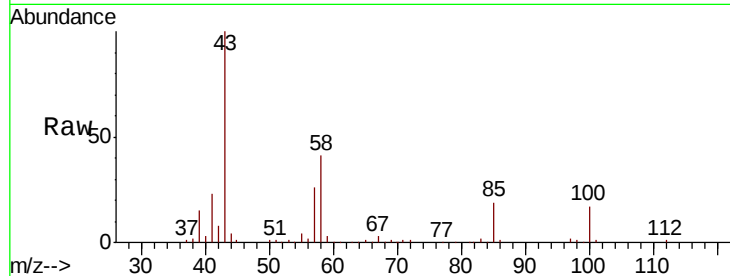
OUTFALL

Tot Ion: 43 Resp: 30699

Ion Ratio Lower Upper

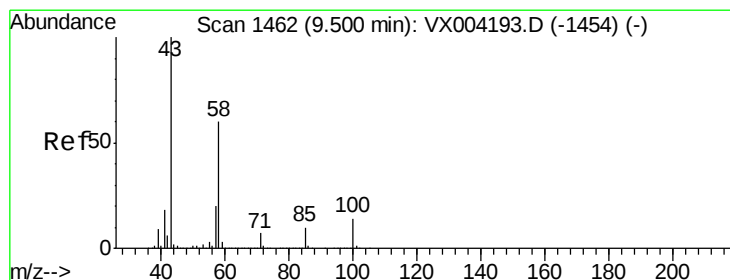
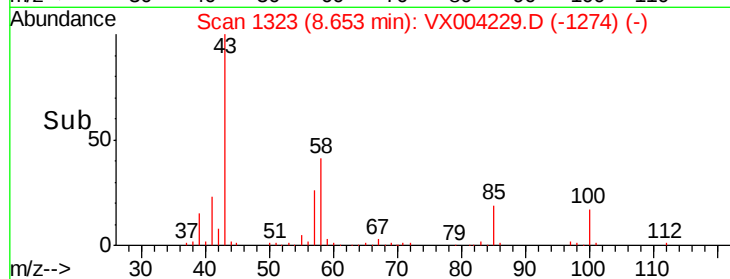
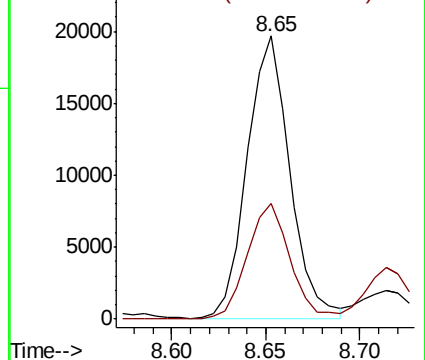
43 100

58 41.4 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#59

2-Hexanone

Concen: 1.71 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX004229.D

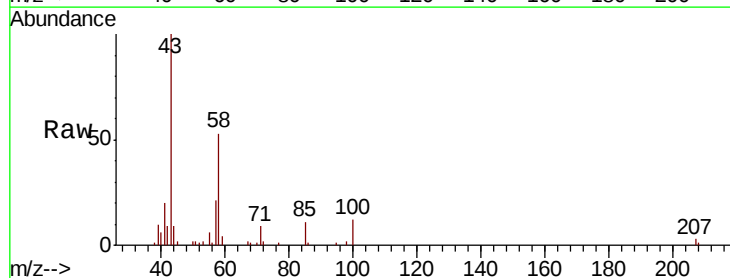
Acq: 23 Aug 2018 16:19

Tgt Ion: 43 Resp: 7924

Ion Ratio Lower Upper

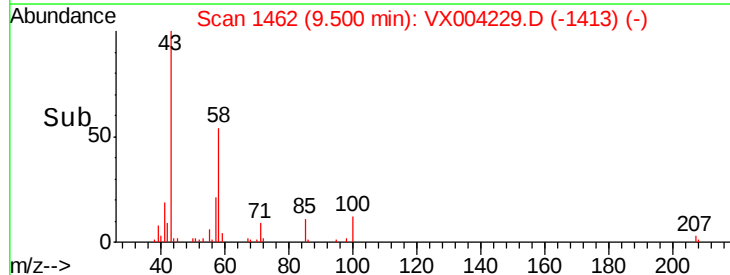
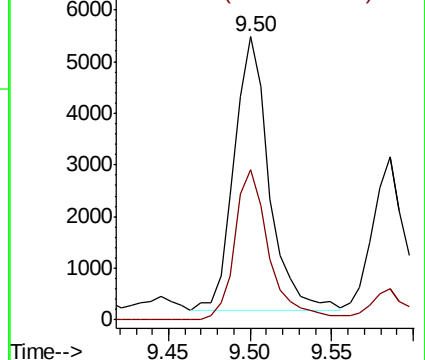
43 100

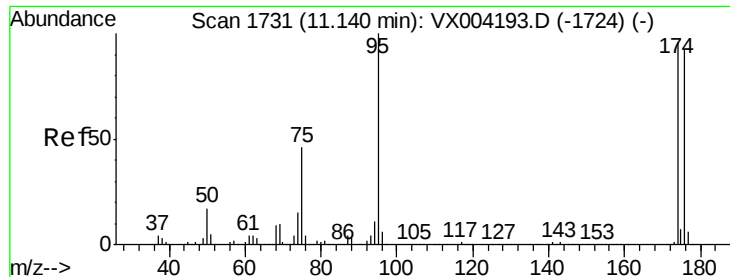
58 53.9 29.0 87.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

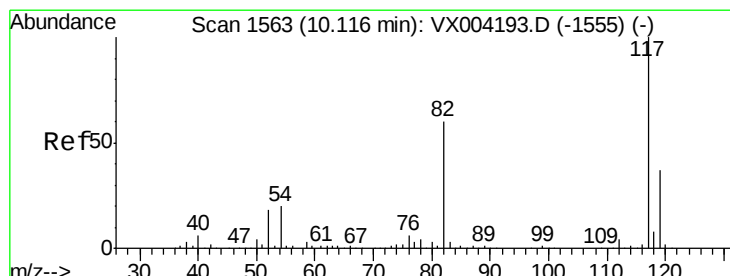
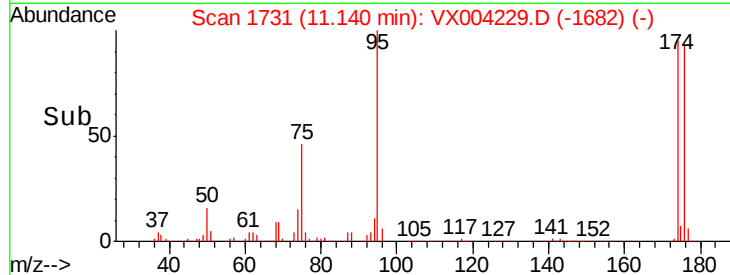
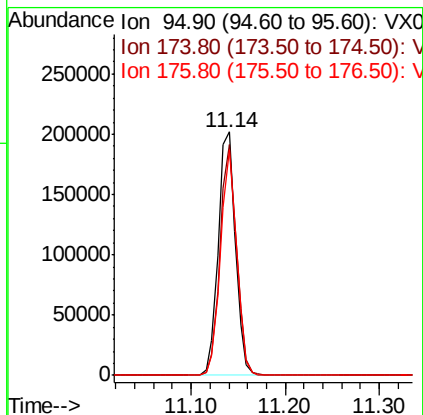
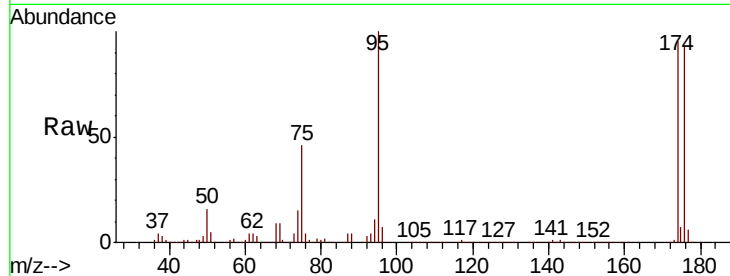




#62  
4-Bromofluorobenzene  
Concen: 49.91 ug/l  
RT: 11.14 min Scan# 1731  
Delta R.T. -0.00 min  
Lab File: VX004229.D  
Acq: 23 Aug 2018 16:19

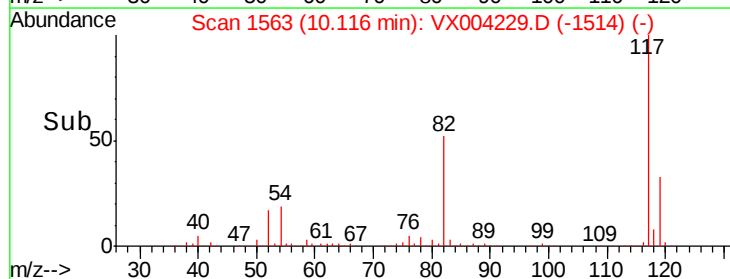
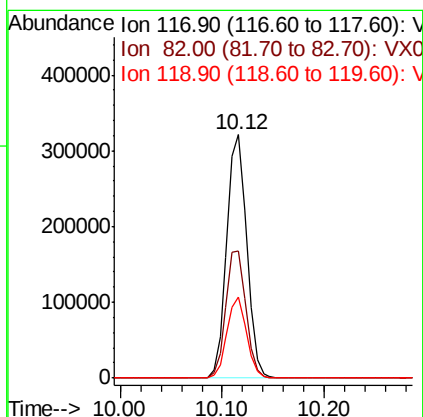
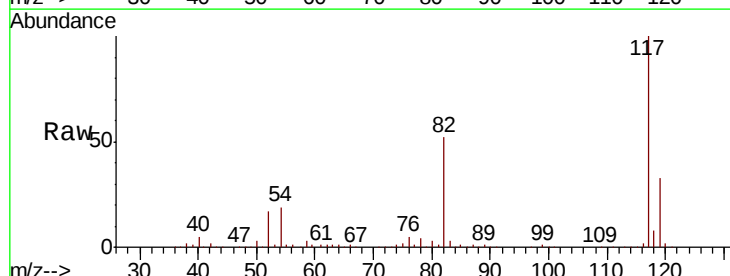
Instrument :  
MSVOA\_X  
ClientSampled :  
OUTFALL

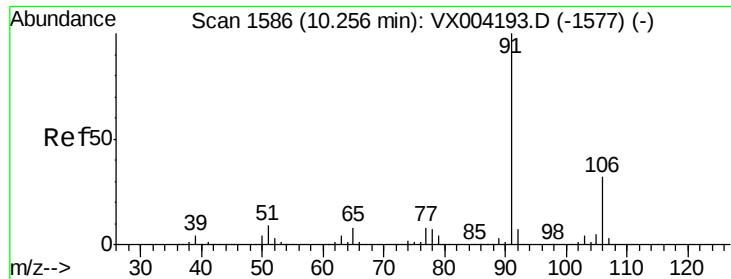
Tot Ion: 95 Resp: 256673  
Ion Ratio Lower Upper  
95 100  
174 91.3 0.0 185.2  
176 87.5 0.0 178.6



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX004229.D  
Acq: 23 Aug 2018 16:19

Tgt Ion: 117 Resp: 435302  
Ion Ratio Lower Upper  
117 100  
82 52.3 47.8 71.6  
119 33.1 29.3 43.9

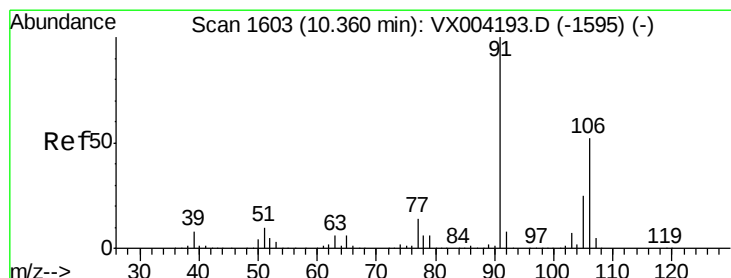
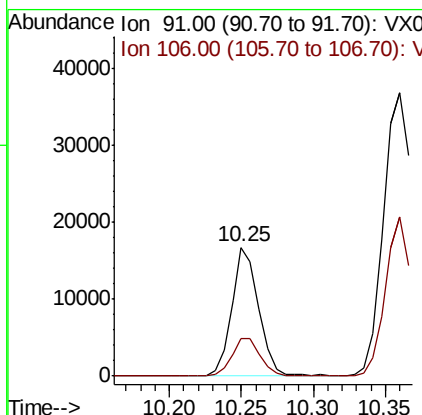
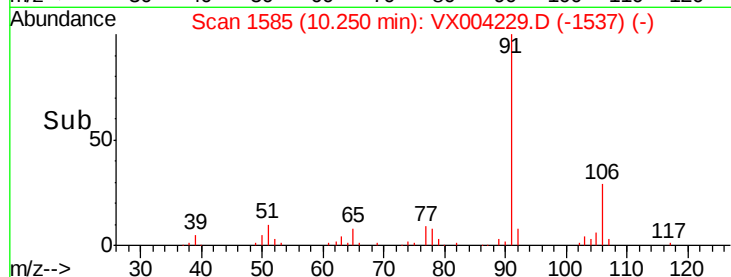
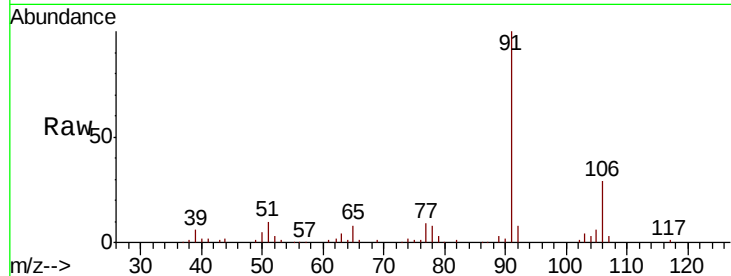




#67  
Ethyl Benzene  
Concen: 1.23 ug/l  
RT: 10.25 min Scan# 1585  
Delta R.T. -0.01 min  
Lab File: VX004229.D  
Acq: 23 Aug 2018 16:19

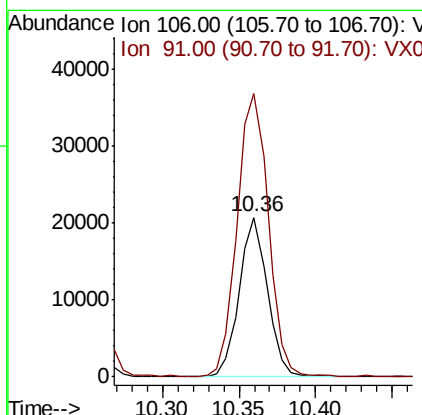
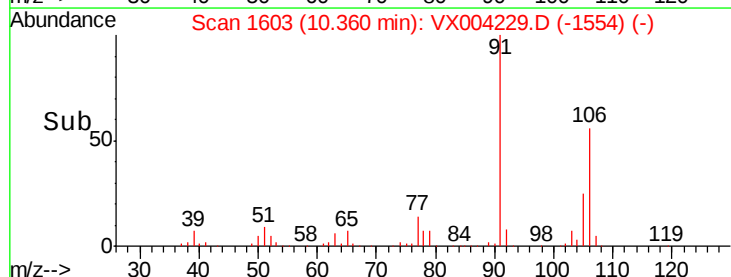
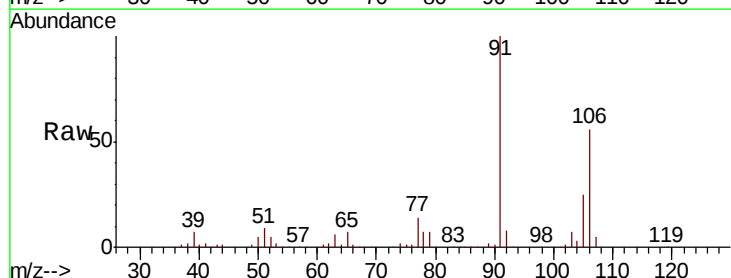
Instrument :  
MSVOA\_X  
ClientSampled :  
OUTFALL

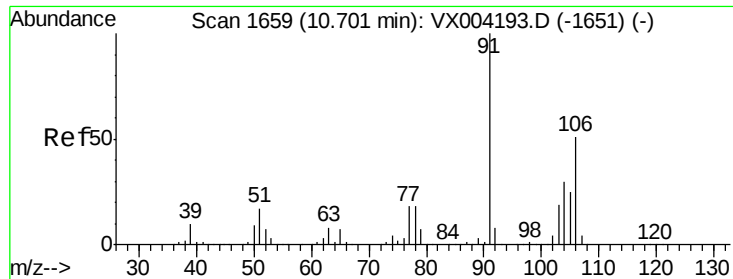
Tot Ion: 91 Resp: 21900  
Ion Ratio Lower Upper  
91 100  
106 28.9 25.9 38.9



#68  
m/p-Xylenes  
Concen: 3.84 ug/l  
RT: 10.36 min Scan# 1603  
Delta R.T. -0.00 min  
Lab File: VX004229.D  
Acq: 23 Aug 2018 16:19

Tgt Ion: 106 Resp: 26644  
Ion Ratio Lower Upper  
106 100  
91 195.1 157.1 235.7

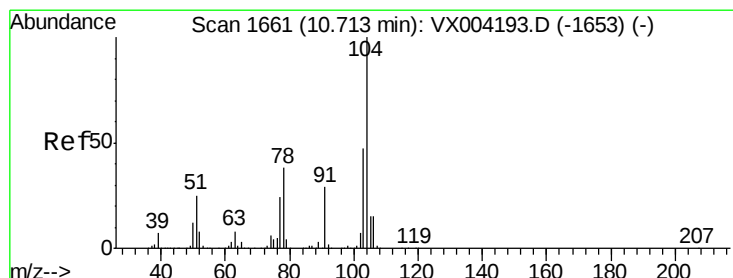
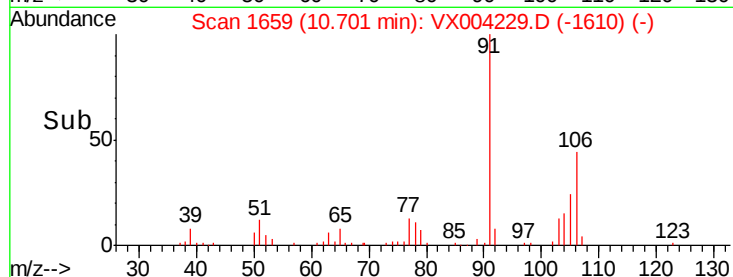
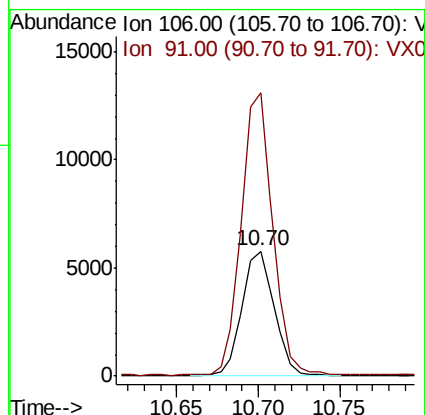
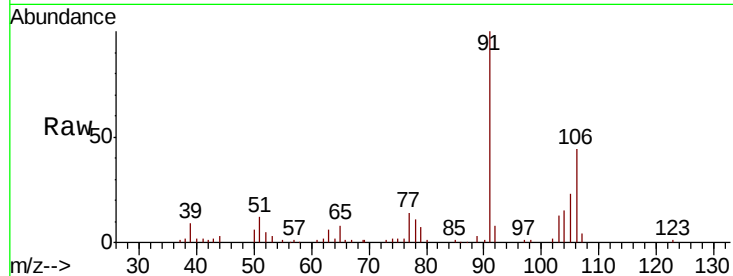




#69  
o-Xylene  
Concen: 1.23 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. -0.00 min  
Lab File: VX004229.D  
Acq: 23 Aug 2018 16:19

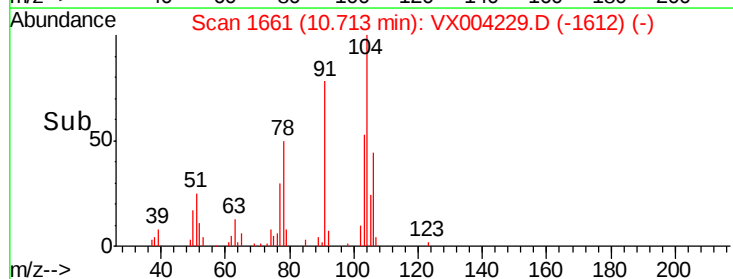
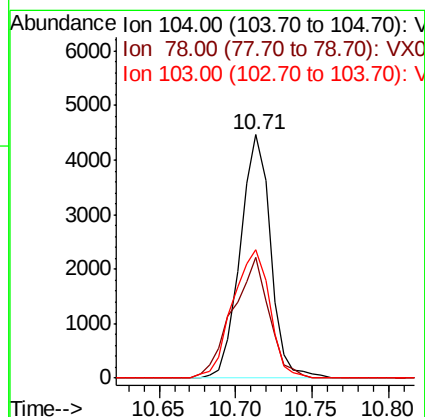
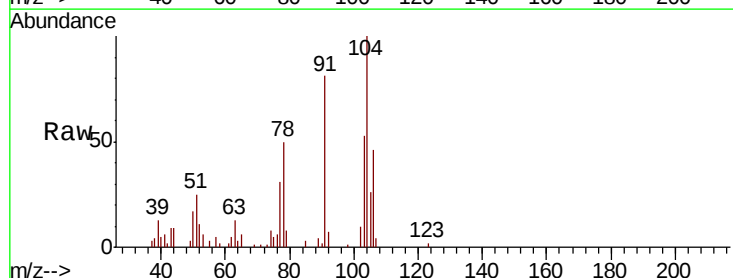
Instrument :  
MSVOA\_X  
ClientSampleId :  
OUTFALL

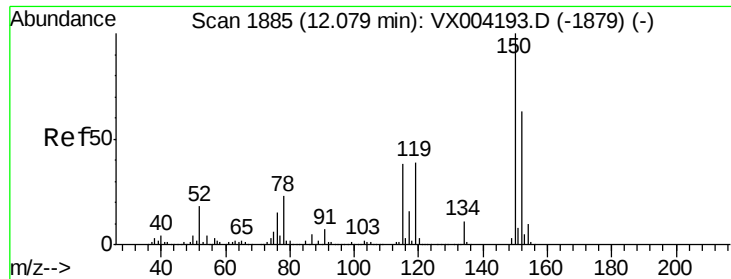
Tot Ion:106 Resp: 8051  
Ion Ratio Lower Upper  
106 100  
91 222.0 105.1 315.1



#70  
Styrene  
Concen: 0.58 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. -0.00 min  
Lab File: VX004229.D  
Acq: 23 Aug 2018 16:19

Tgt Ion:104 Resp: 6138  
Ion Ratio Lower Upper  
104 100  
78 59.7 37.4 56.0#  
103 64.8 43.8 65.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

Instrument :

MSVOA\_X

ClientSampleId :

OUTFALL

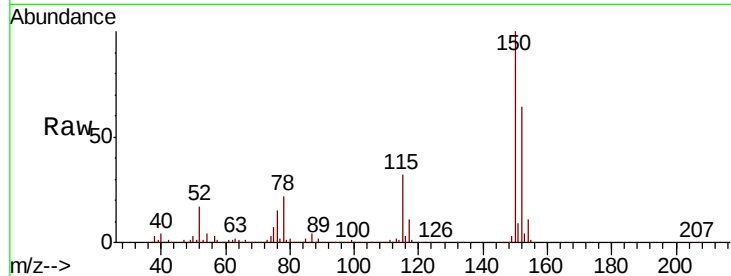
Tot Ion:152 Resp: 266654

Ion Ratio Lower Upper

152 100

115 52.6 39.0 117.0

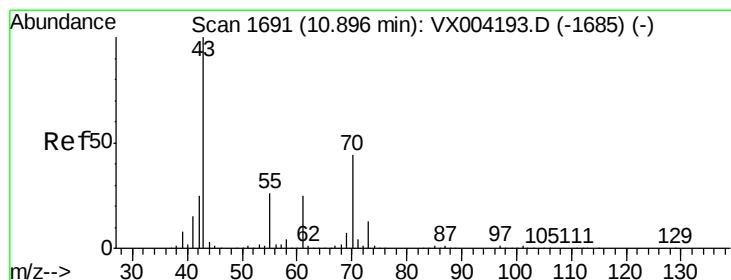
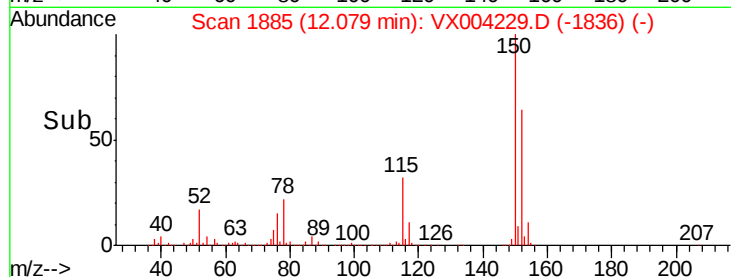
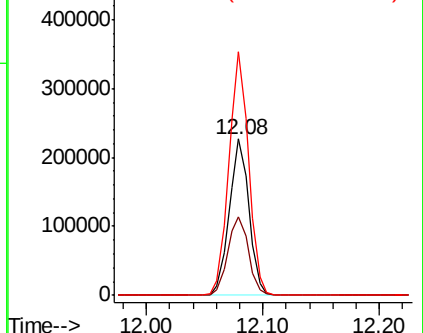
150 156.3 0.0 351.0



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



#74

N-ethyl acetate

Concen: 0.52 ug/l

RT: 10.91 min Scan# 1694

Delta R.T. 0.02 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

Tgt Ion: 43 Resp: 3532

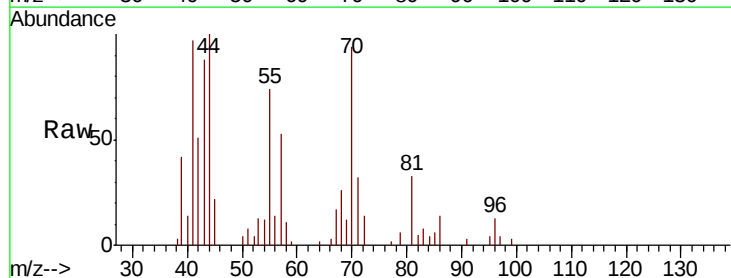
Ion Ratio Lower Upper

43 100

70 96.2 37.4 56.0#

55 78.6 21.8 32.8#

61 0.0 20.6 30.8#

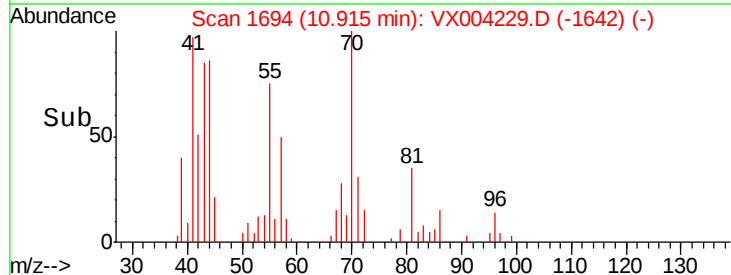
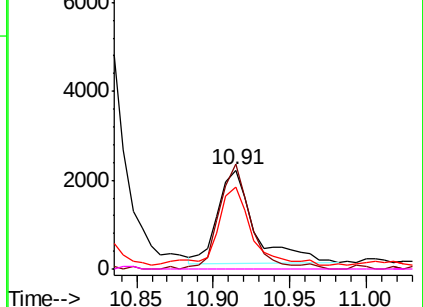


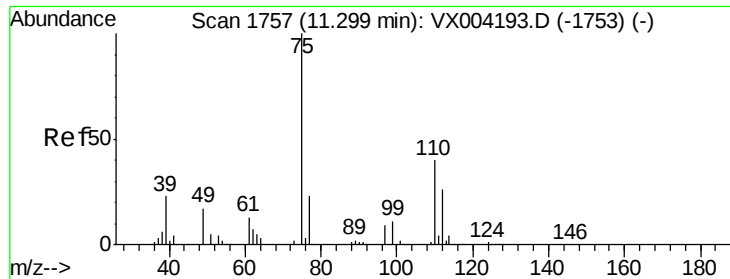
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 22.30 ug/l

RT: 11.13 min Scan# 1730

Delta R.T. -0.16 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

Instrument :

MSVOA\_X

ClientSampleId :

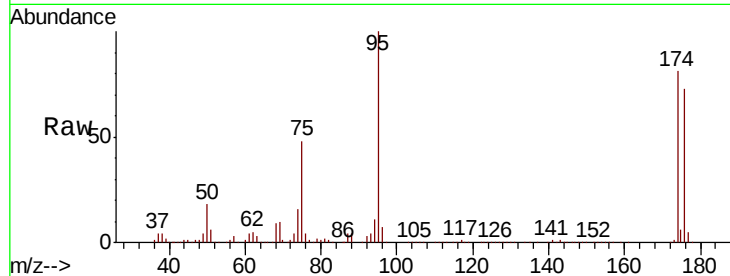
OUTFALL

Tot Ion: 75 Resp: 120959

Ion Ratio Lower Upper

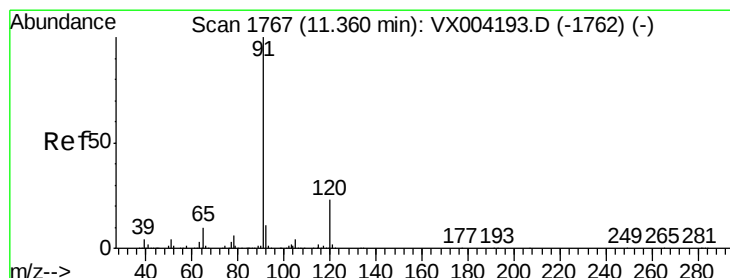
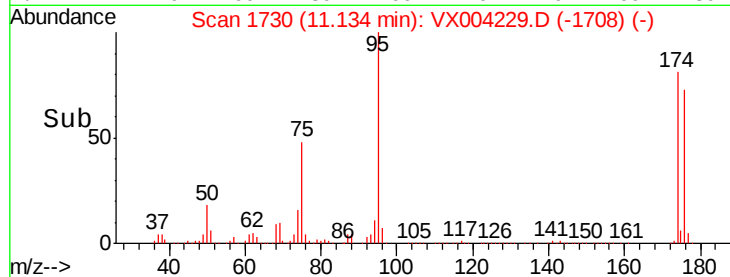
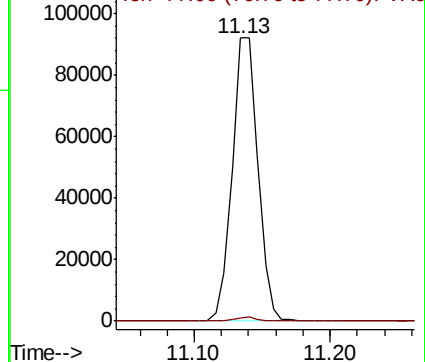
75 100

77 1.4 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.31 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004229.D

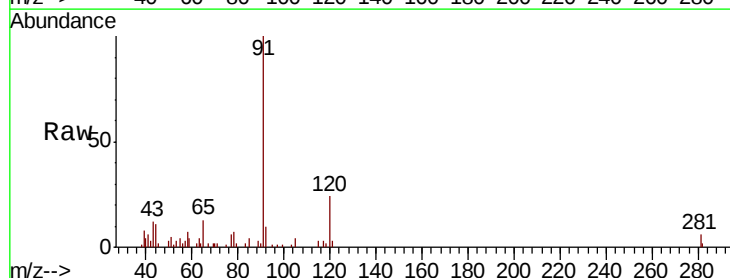
Acq: 23 Aug 2018 16:19

Tgt Ion: 91 Resp: 6252

Ion Ratio Lower Upper

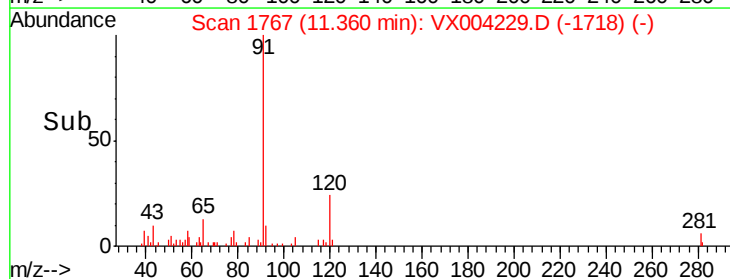
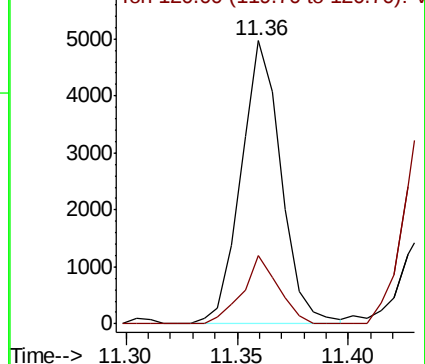
91 100

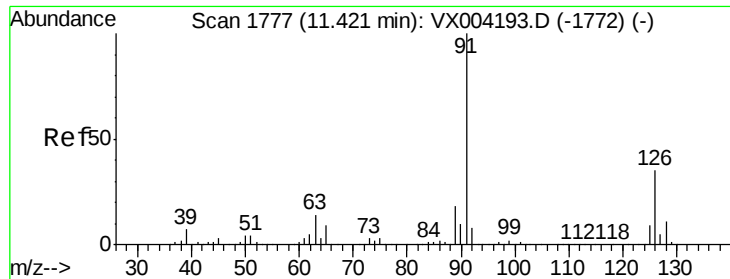
120 21.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.28 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

Instrument :

MSVOA\_X

ClientSampled :

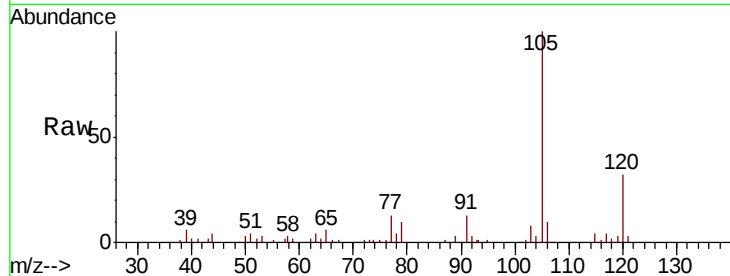
OUTFALL

Tot Ion: 91 Resp: 3463

Ion Ratio Lower Upper

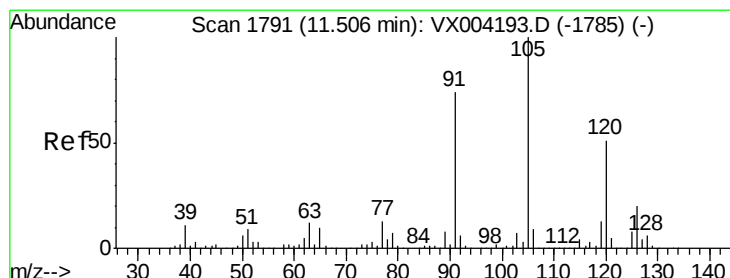
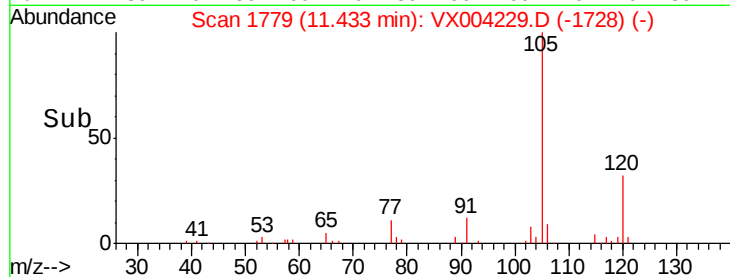
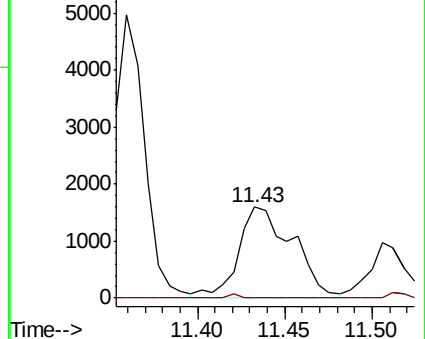
91 100

126 0.8 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 0.60 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004229.D

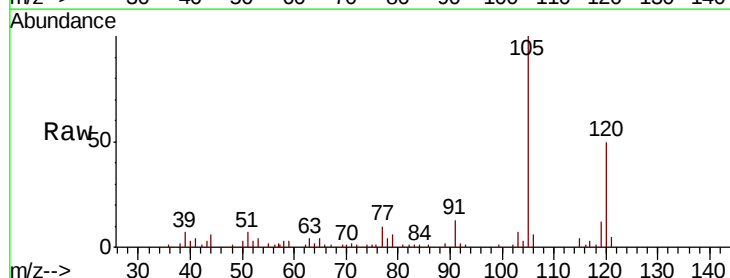
Acq: 23 Aug 2018 16:19

Tgt Ion:105 Resp: 8652

Ion Ratio Lower Upper

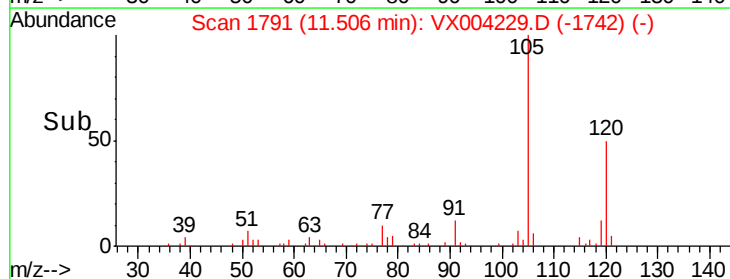
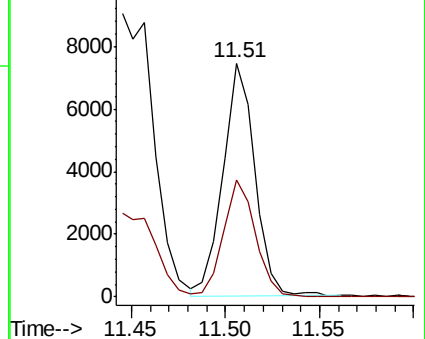
105 100

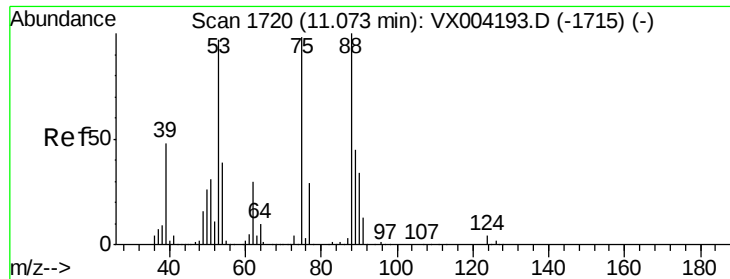
120 50.8 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 72.37 ug/l

RT: 11.13 min Scan# 1730

Delta R.T. 0.06 min

Lab File: VX004229.D

Acq: 23 Aug 2018 16:19

Instrument :

MSVOA\_X

ClientSampleId :

OUTFALL

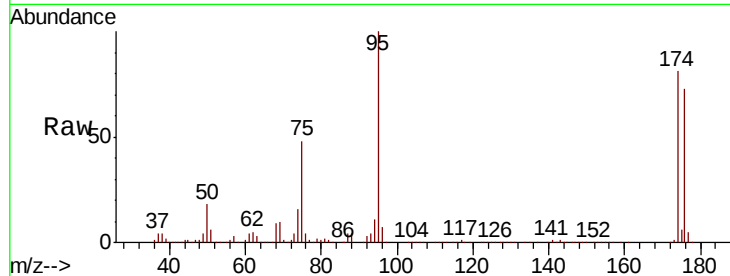
Tot Ion: 75 Resp: 120959

Ion Ratio Lower Upper

75 100

53 0.1 80.1 120.1#

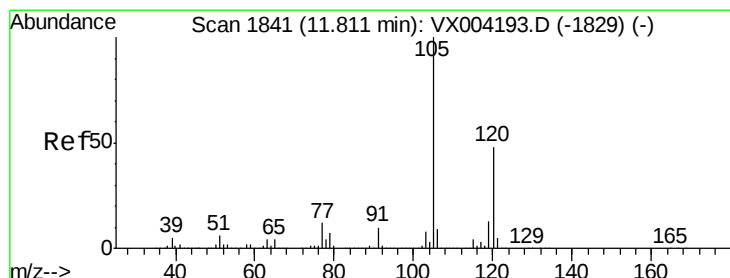
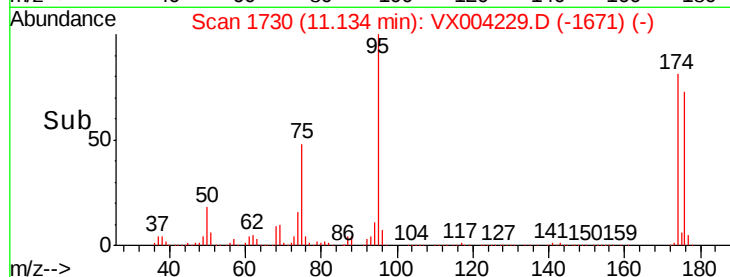
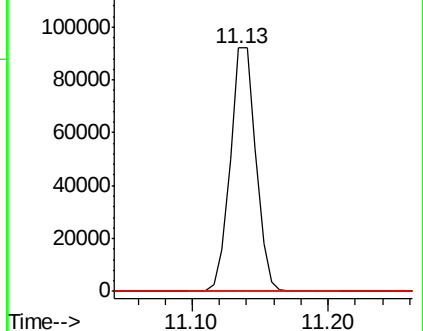
89 0.0 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 1.80 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX004229.D

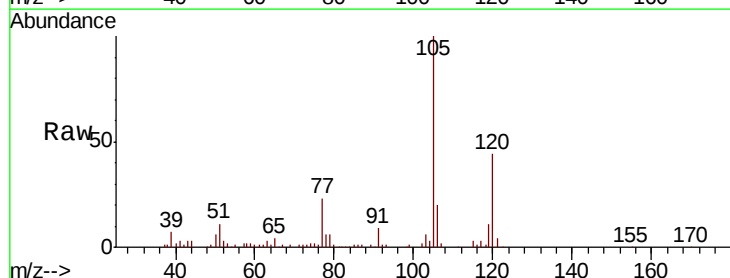
Acq: 23 Aug 2018 16:19

Tgt Ion:105 Resp: 26792

Ion Ratio Lower Upper

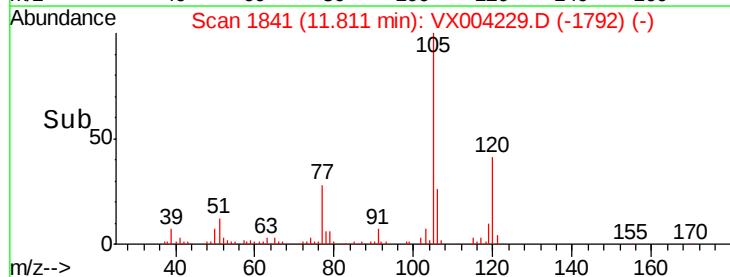
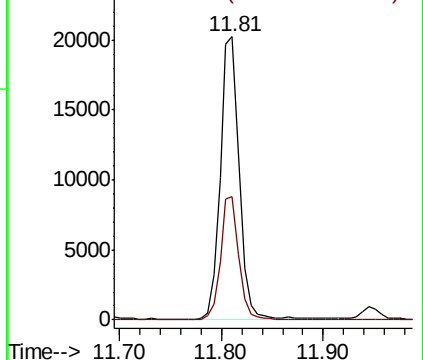
105 100

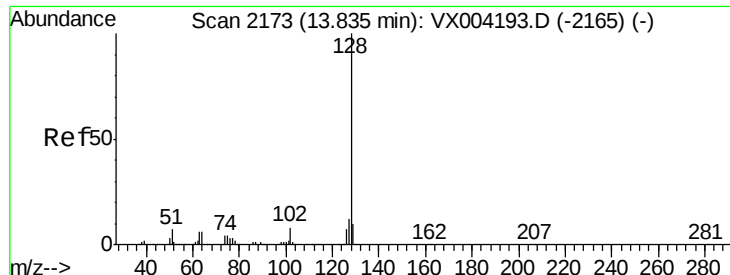
120 40.9 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95  
Naphthalene  
Concen: 0.98 ug/l  
RT: 13.83 min Scan# 2173  
Delta R.T. -0.00 min  
Lab File: VX004229.D  
Acq: 23 Aug 2018 16:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
OUTFALL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.2  | 10.2  | 15.2  |
| 129     | 10.0  | 8.6   | 12.8  |

