

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052020\  
 Data File : VX016371.D  
 Acq On : 20 May 2020 19:23  
 Operator : JC/SP  
 Sample : L2723-03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OUTFALL001-200519

Quant Time: May 21 06:16:24 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 06 06:43:32 2020  
 Response via : Initial Calibration

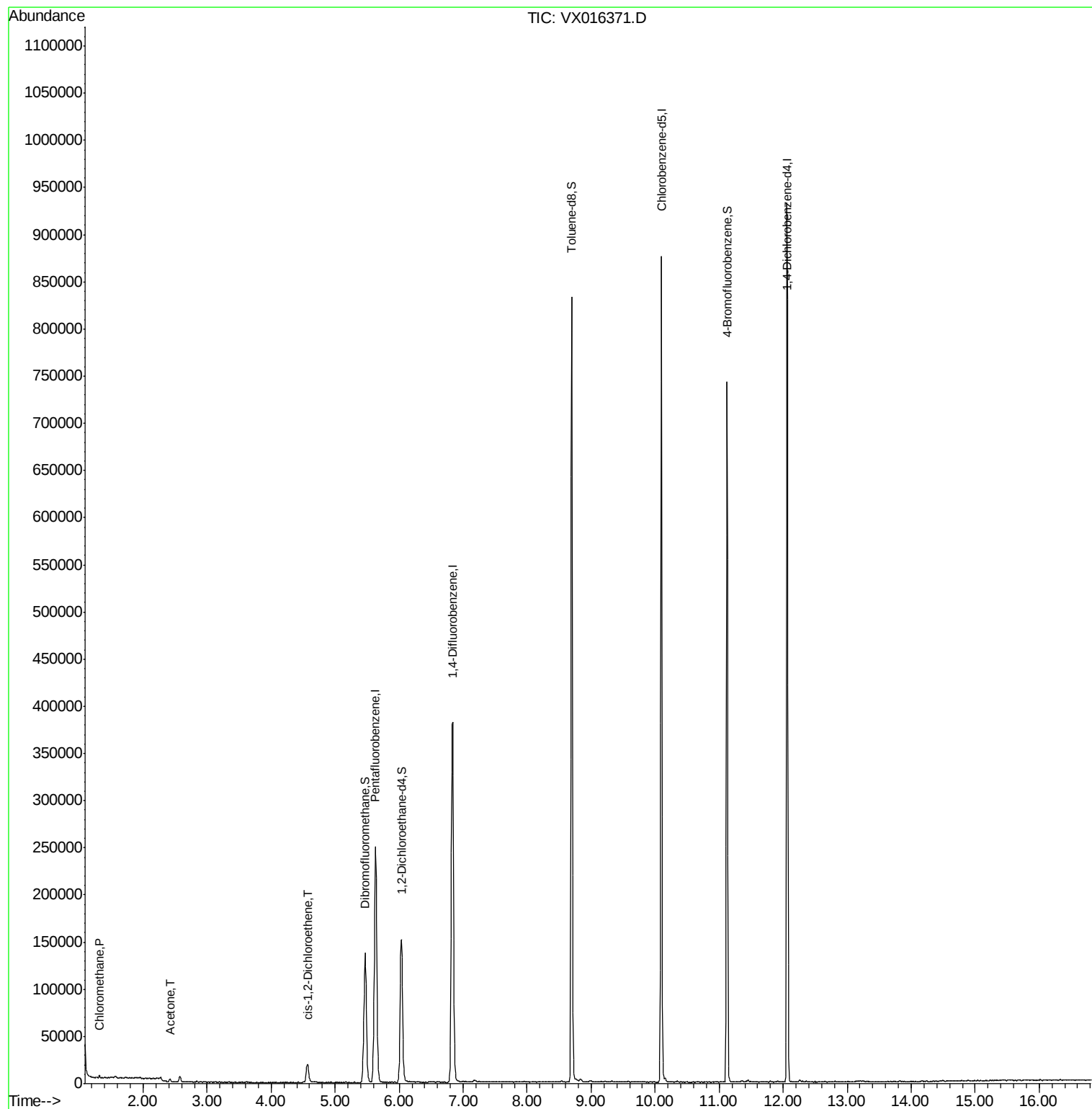
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.63  | 168  | 246945   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.84  | 114  | 408813   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 398813   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 197557   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 144081   | 44.34 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 88.68%  |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 119345   | 46.08 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 92.16%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 506772   | 50.78 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 101.56% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 198826   | 52.38 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 104.76% |          |
| Target Compounds            |       |      |          |       |         |          |
| 3) Chloromethane            | 1.31  | 50   | 1718     | 0.566 | ug/l    | 96       |
| 16) Acetone                 | 2.42  | 43   | 2636     | 1.818 | ug/l    | 92       |
| 27) cis-1,2-Dichloroethene  | 4.57  | 96   | 13310    | 4.256 | ug/l    | 84       |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052020\  
Data File : VX016371.D  
Acq On : 20 May 2020 19:23  
Operator : JC/SP  
Sample : L2723-03  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
OUTFALL001-200519

Quant Time: May 21 06:16:24 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 06 06:43:32 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016371.D

Acq: 20 May 2020 19:23

Instrument :

MSVOA\_X

ClientSampleId :

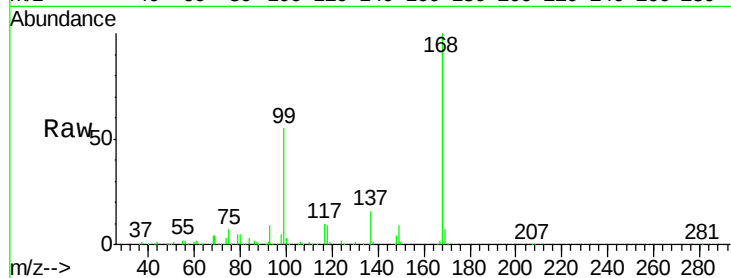
OUTFALL001-200519

Tot Ion:168 Resp: 246945

Ion Ratio Lower Upper

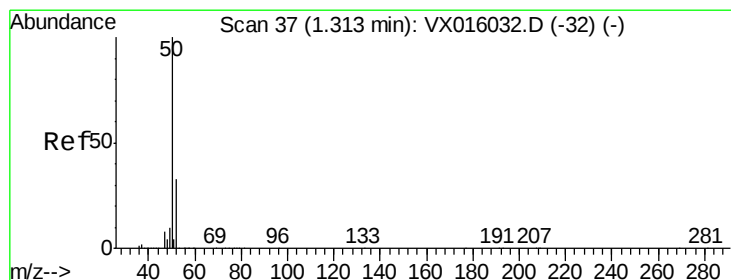
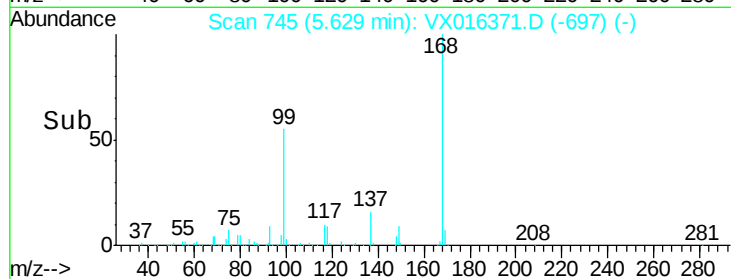
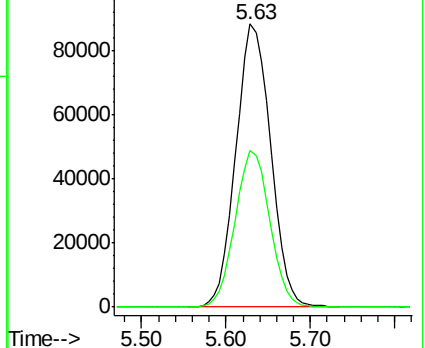
168 100

99 55.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.566 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016371.D

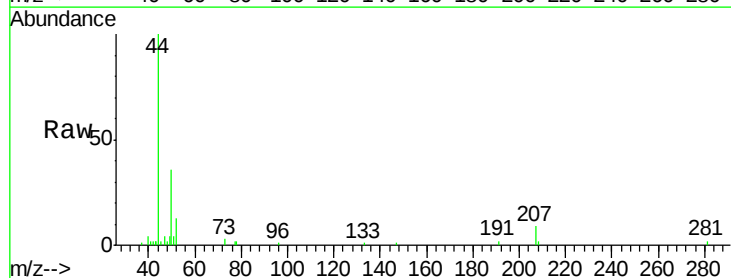
Acq: 20 May 2020 19:23

Tgt Ion: 50 Resp: 1718

Ion Ratio Lower Upper

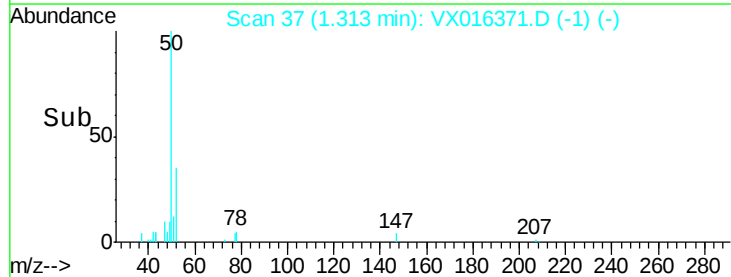
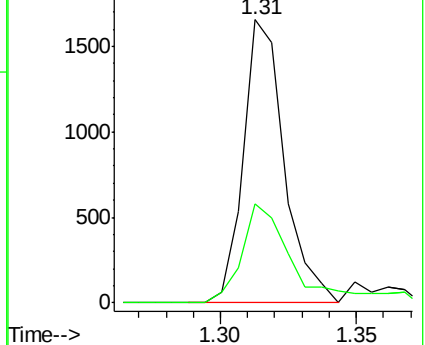
50 100

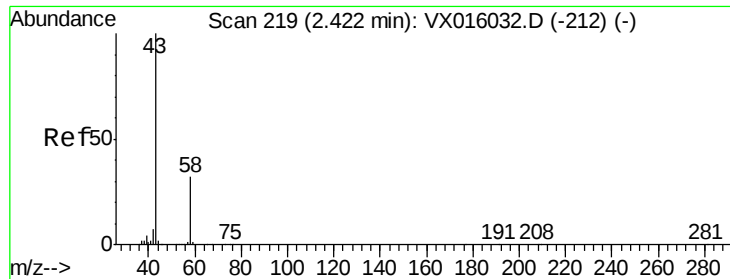
52 35.0 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 1.818 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016371.D

Acq: 20 May 2020 19:23

Instrument :

MSVOA\_X

ClientSampleId :

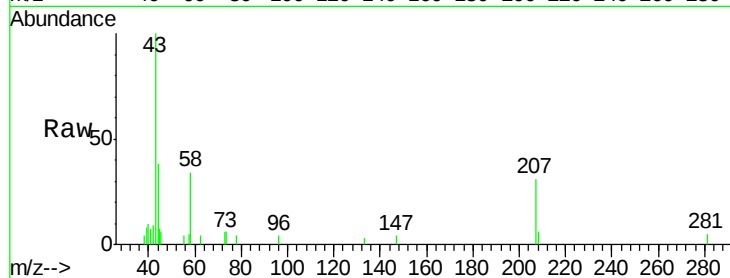
OUTFALL001-200519

Tot Ion: 43 Resp: 2636

Ion Ratio Lower Upper

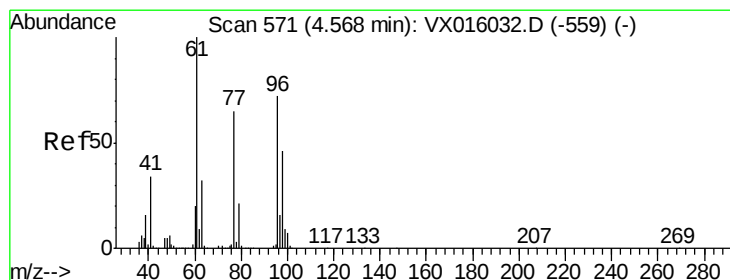
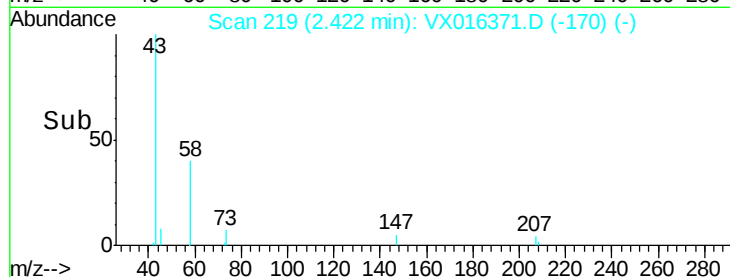
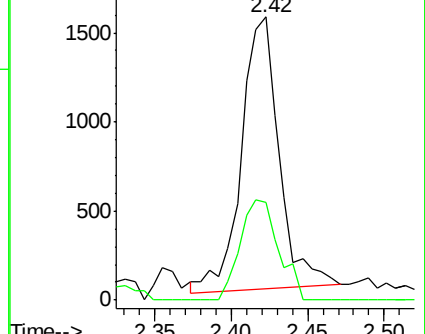
43 100

58 36.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 4.256 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX016371.D

Acq: 20 May 2020 19:23

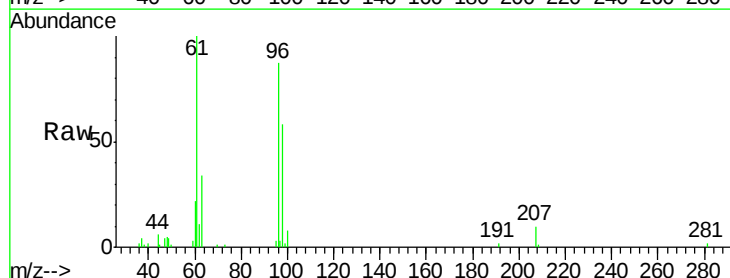
Tgt Ion: 96 Resp: 13310

Ion Ratio Lower Upper

96 100

61 120.2 0.0 296.2

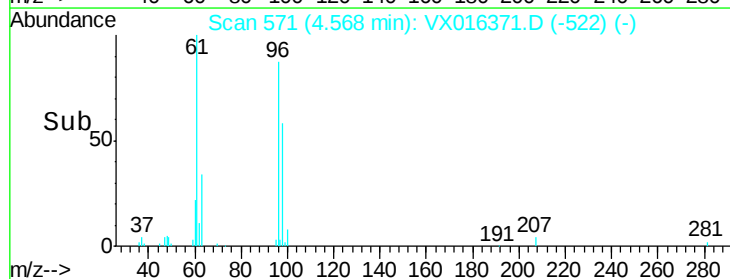
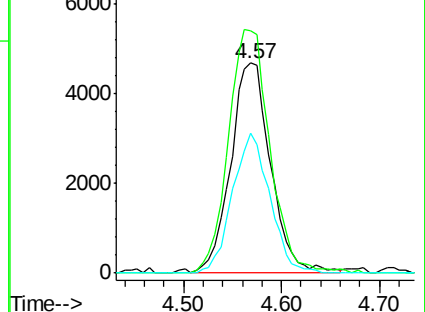
98 62.1 0.0 129.4

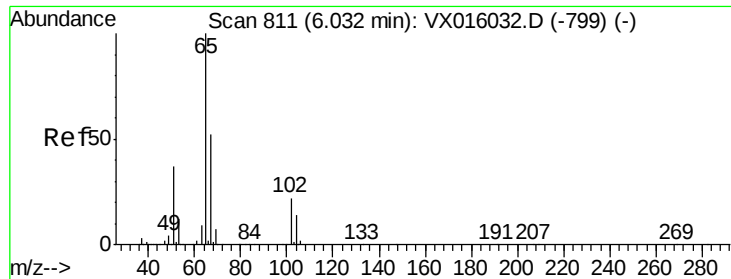


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.339 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016371.D

Acq: 20 May 2020 19:23

Instrument :

MSVOA\_X

ClientSampleId :

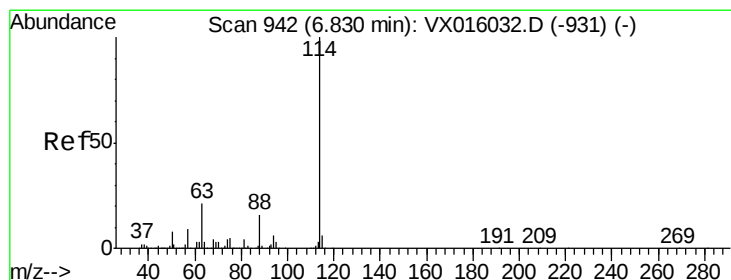
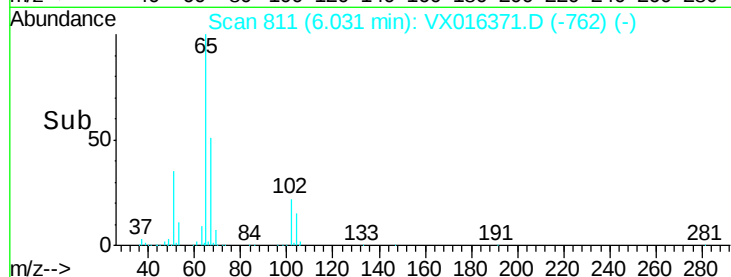
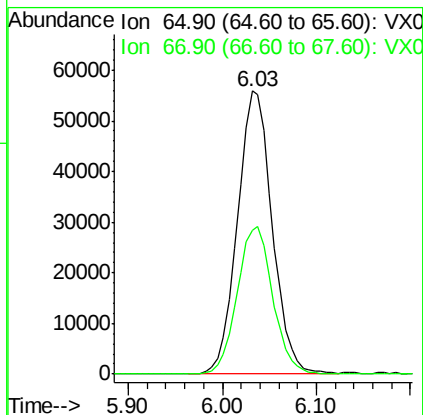
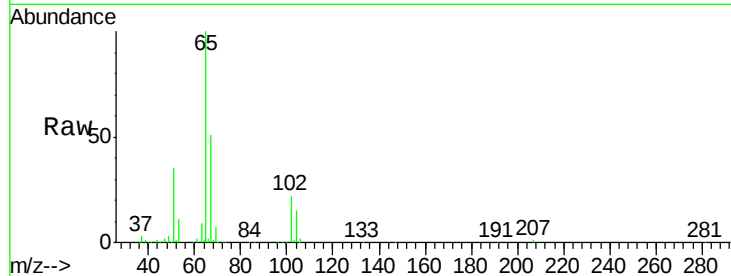
OUTFALL001-200519

Tot Ion: 65 Resp: 144081

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016371.D

Acq: 20 May 2020 19:23

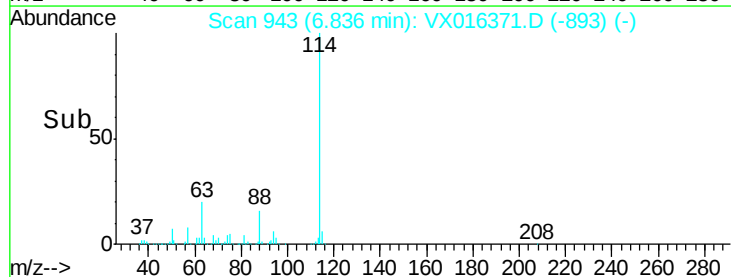
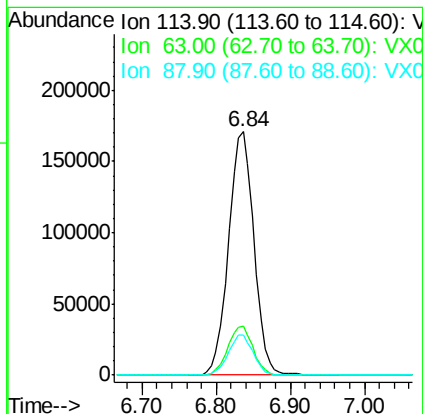
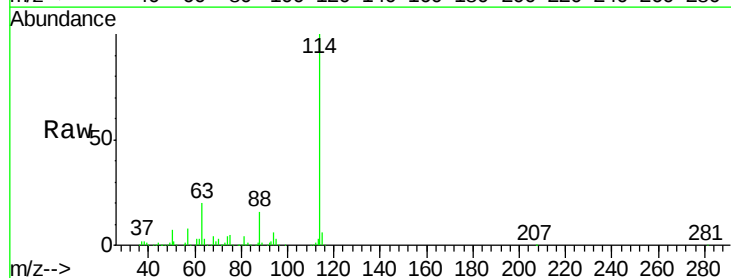
Tgt Ion: 114 Resp: 408813

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

88 16.4 0.0 31.4

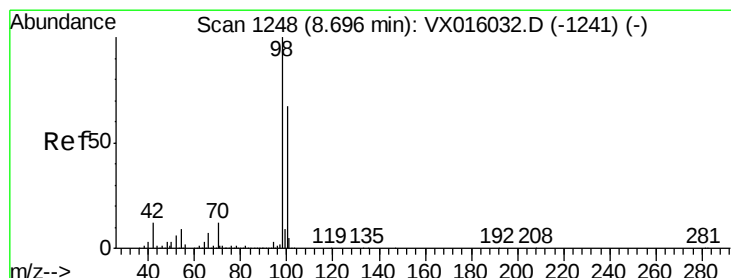
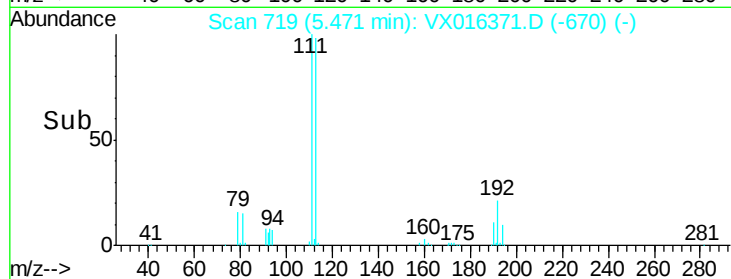
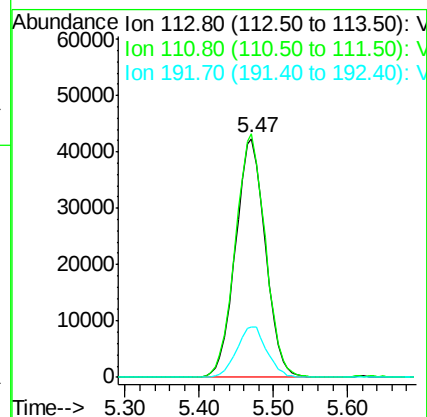
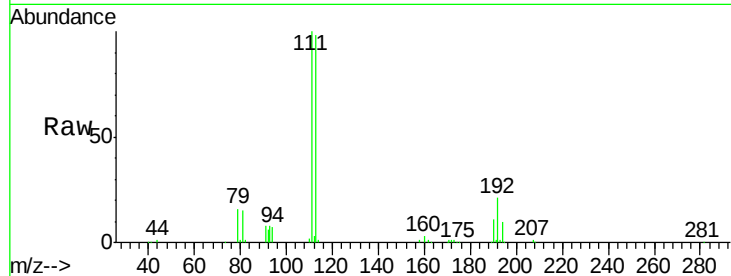




#35  
Dibromofluoromethane  
Concen: 46.079 ug/l  
RT: 5.47 min Scan# 719  
Delta R.T. -0.00 min  
Lab File: VX016371.D  
Acq: 20 May 2020 19:23

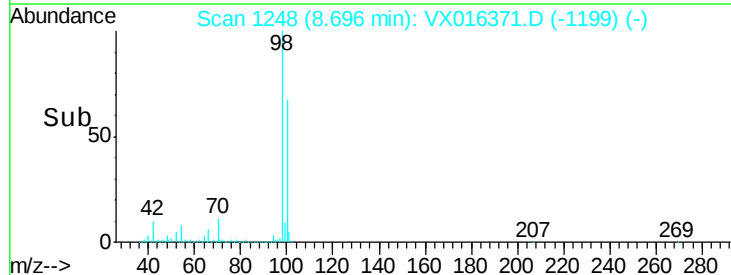
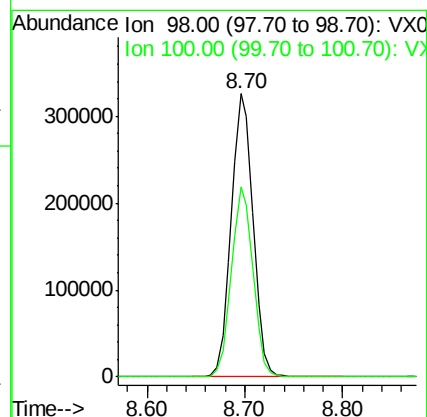
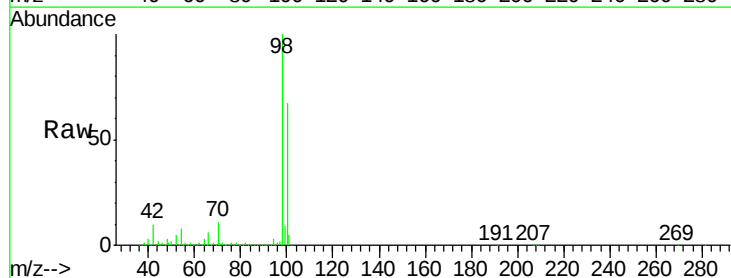
Instrument :  
MSVOA\_X  
ClientSampleId :  
OUTFALL001-200519

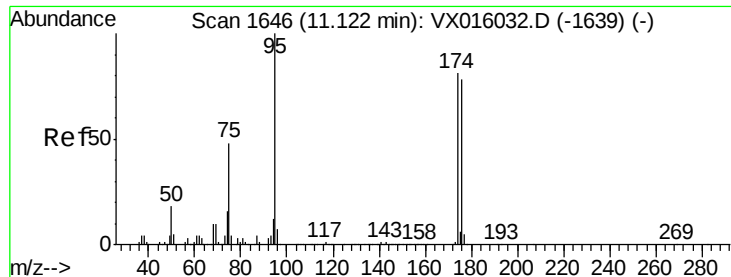
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.4 | 81.6  | 122.4 |
| 192     | 21.4  | 17.0  | 25.4  |



#50  
Toluene-d8  
Concen: 50.781 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX016371.D  
Acq: 20 May 2020 19:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.4  | 53.7  | 80.5  |





#62

4-Bromofluorobenzene

Concen: 52.382 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016371.D

Acq: 20 May 2020 19:23

Instrument :

MSVOA\_X

ClientSampleId :

OUTFALL001-200519

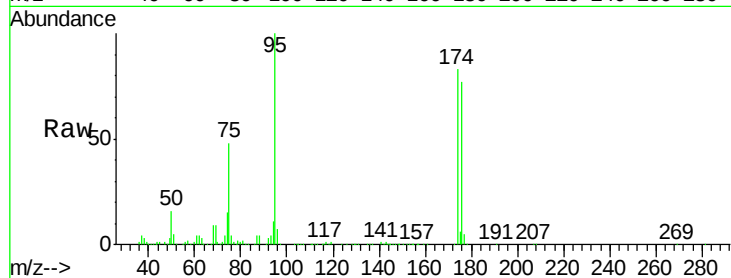
Tot Ion: 95 Resp: 198826

Ion Ratio Lower Upper

95 100

174 81.5 0.0 159.4

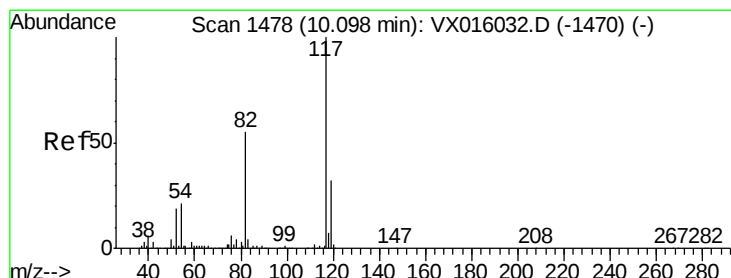
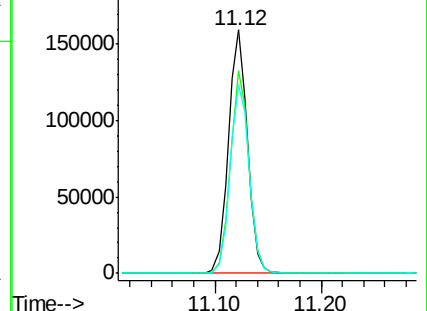
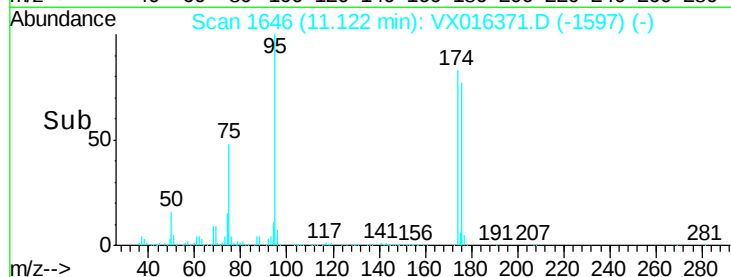
176 78.5 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016371.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016371.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016371.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016371.D

Acq: 20 May 2020 19:23

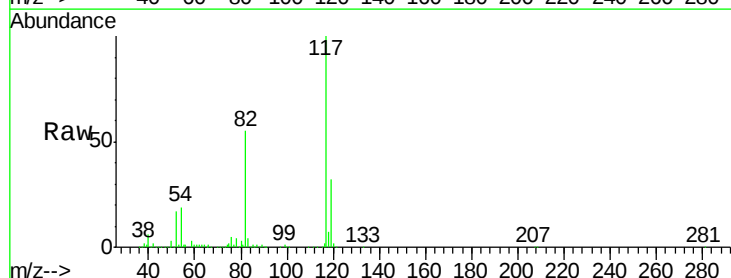
Tgt Ion: 117 Resp: 398813

Ion Ratio Lower Upper

117 100

82 54.9 44.4 66.6

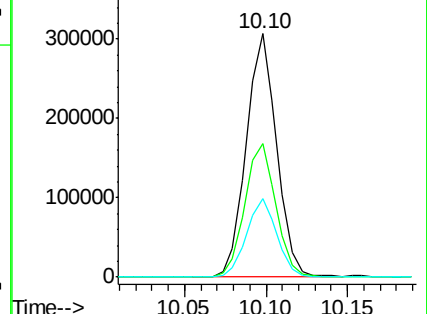
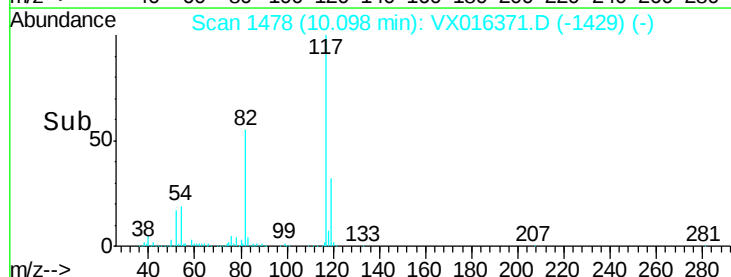
119 32.0 25.5 38.3

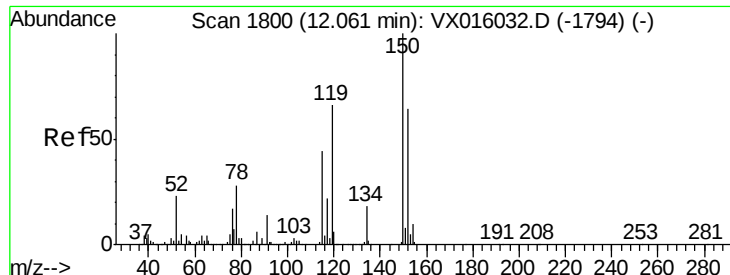


Abundance Ion 116.90 (116.60 to 117.60): VX016371.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016371.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016371.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016371.D

Acq: 20 May 2020 19:23

Instrument :

MSVOA\_X

ClientSampleId :

OUTFALL001-200519

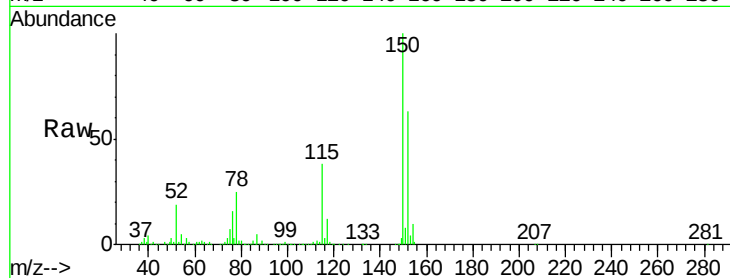
Tot Ion:152 Resp: 197557

Ion Ratio Lower Upper

152 100

115 58.8 41.3 124.1

150 158.5 0.0 352.2



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

