Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122820\
Data File : VX020416.D
Acq On : 28 Dec 2020 16:34
Operator : JC/MD
Sample : L5227-03
Misc : 5.0mL/MSVOA_X/wATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** OWL-C4-GW

Quant Time: Dec 29 00:41:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.629 | 168 | 258558 | 50.00 | ug/l | 0.01 |
| 34) 1,4-Difluorobenzene | 6.830 | 114 | 426382 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.098 | 117 | 394284 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.061 | 152 | 180676 | 50.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.031 | 65 | 162534 | 46.90 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 61 - 141 | | Recovery = 93.80% | | | |
| 35) Dibromofluoromethane | 5.464 | 113 | 133070 | 48.79 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 69 - 133 | | Recovery = 97.58% | | | |
| 50) Toluene-d8 | 8.695 | 98 | 516329 | 49.18 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 65 - 126 | | Recovery = 98.36% | | | |
| 62) 4-Bromofluorobenzene | 11.122 | 95 | 193599 | 48.18 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 135 | | Recovery = 96.36% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.313 | 50 | 1052 | 0.32 | ug/l | 90 |
| 16) Acetone | 2.416 | 43 | 3214 | 2.03 | ug/l | 98 |
| 17) Carbon Disulfide | 2.550 | 76 | 1798 | 0.23 | ug/l | 96 |
| 29) Tetrahydrofuran | 5.092 | 42 | 17142 | 11.85 | ug/l | 95 |
| 39) Methylcyclohexane | 7.433 | 83 | 1008 | 0.21 | ug/l # | 76 |
| 73) Isopropylbenzene | 11.000 | 105 | 74835 | 5.74 | ug/l | 100 |
| 78) n-propylbenzene | 11.341 | 91 | 48755 | 3.24 | ug/l | 98 |
| 83) tert-Butylbenzene | 11.750 | 119 | 5822 | 0.55 | ug/l | 82 |
| 85) sec-Butylbenzene | 11.927 | 105 | 50798 | 4.15 | ug/l | 92 |
| 89) n-Butylbenzene | 12.372 | 91 | 11533 | 1.17 | ug/l | 98 |

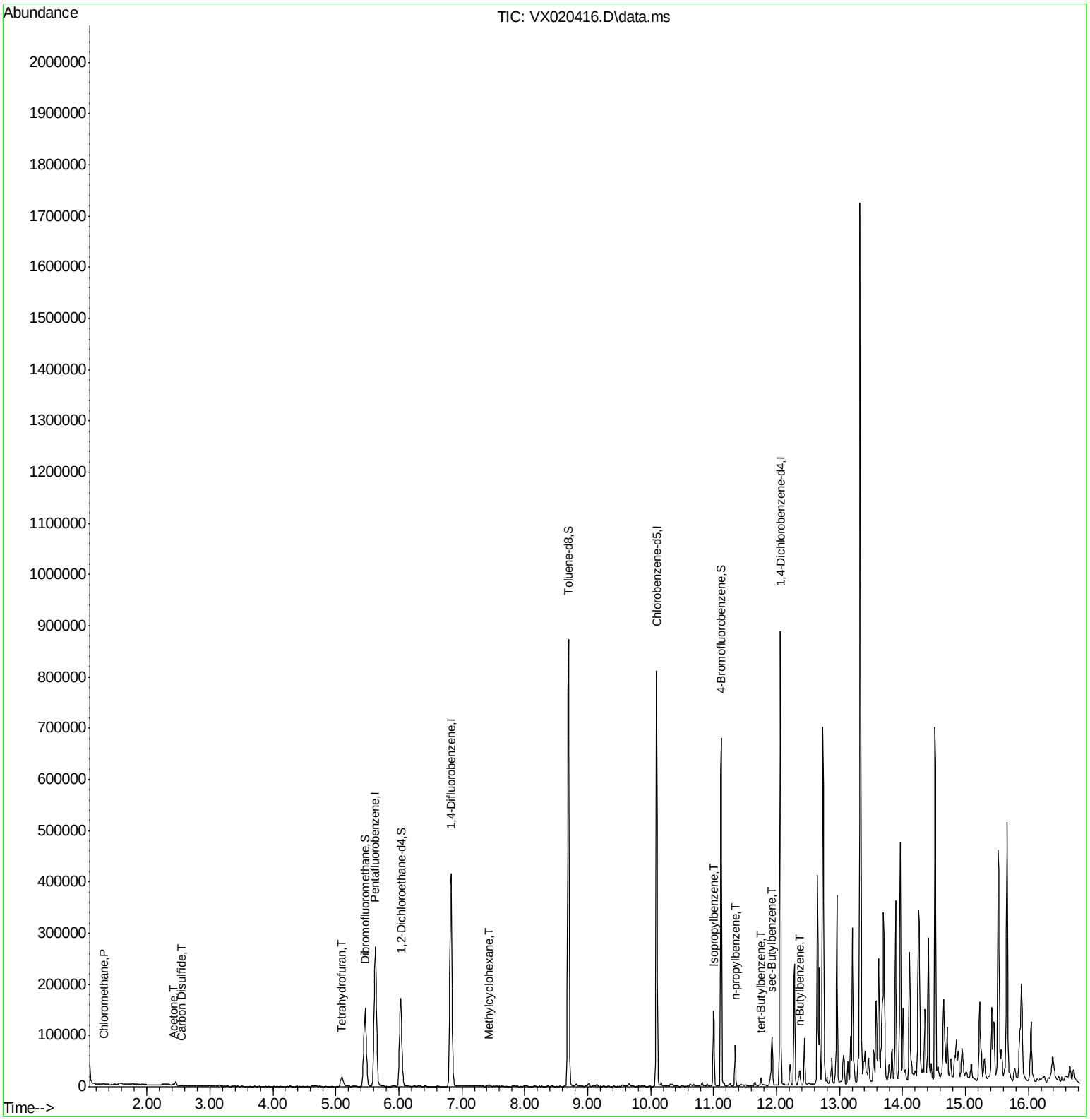
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

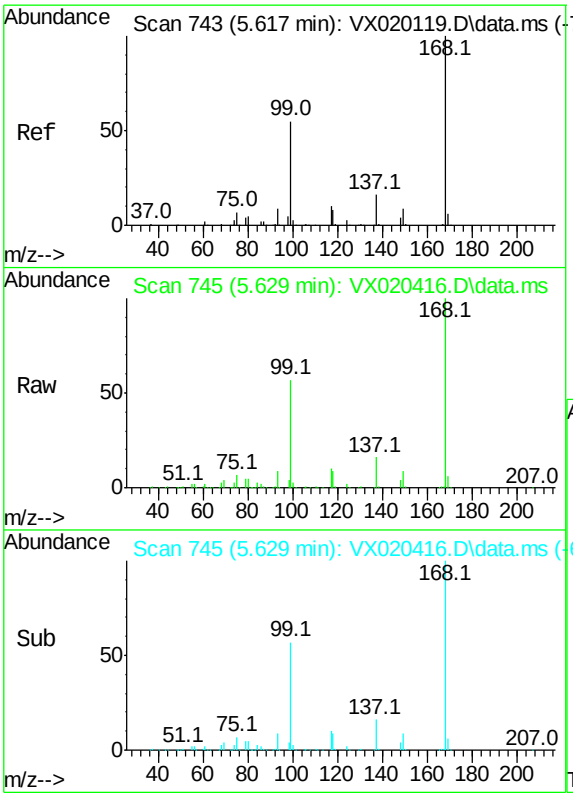
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122820\
Data File : VX020416.D
Acq On : 28 Dec 2020 16:34
Operator : JC/MD
Sample : L5227-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
OWL-C4-GW

Quant Time: Dec 29 00:41:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



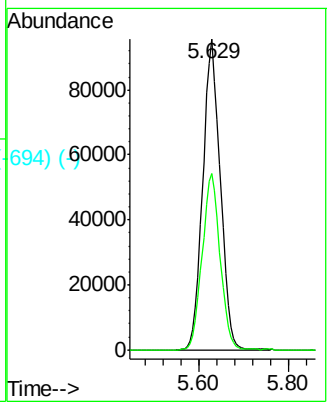
**Instrument :**
MSVOA_X
**ClientSampleId :**
OWL-C4-GW

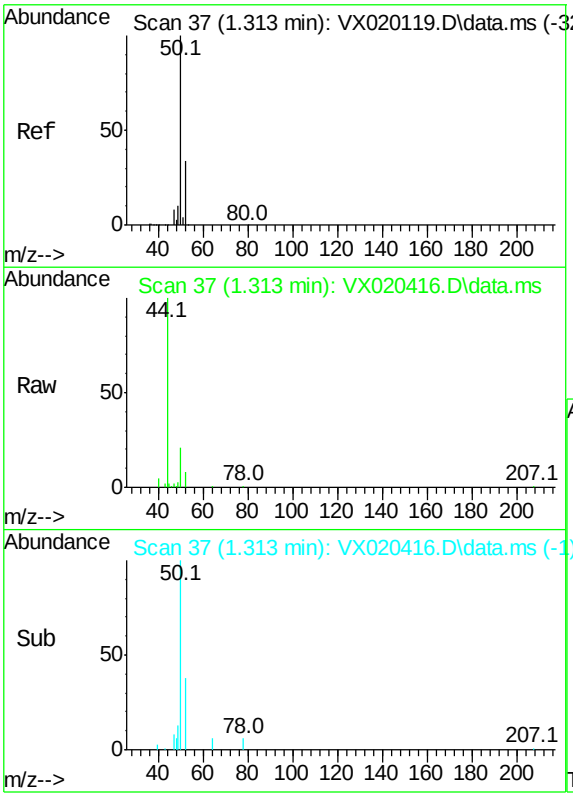



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020416.D
Acq: 28 Dec 2020 16:34

Tgt Ion:168 Resp: 258558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 56.6 | 45.8 | 68.6 |

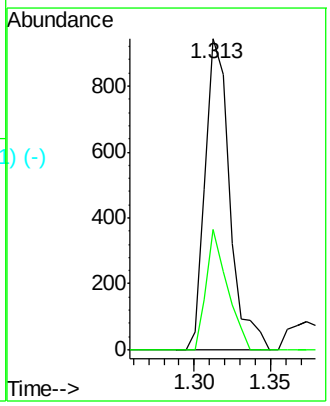


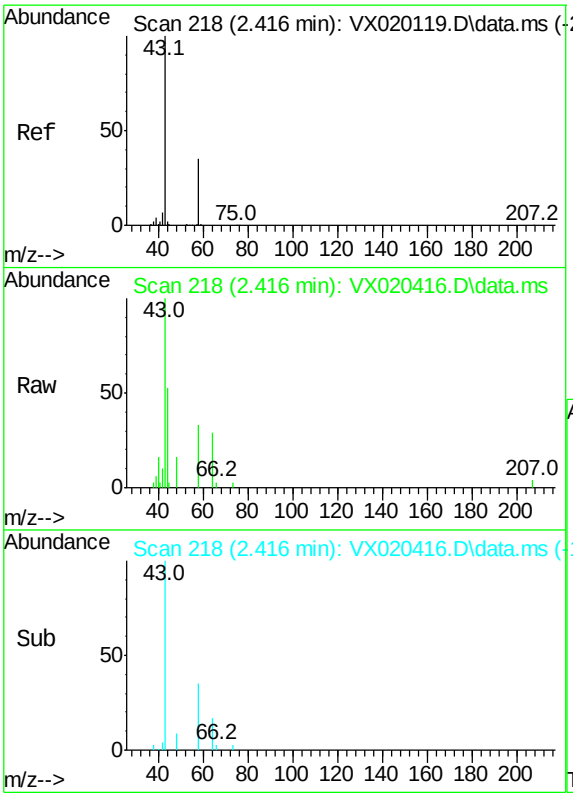




#2
Chloromethane
Concen: 0.32 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX020416.D
Acq: 28 Dec 2020 16:34

Tgt Ion: 50 Resp: 1052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 38.5 | 26.4 | 39.6 |

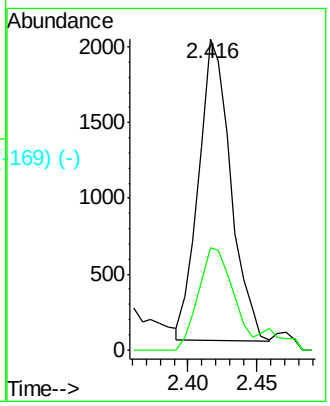




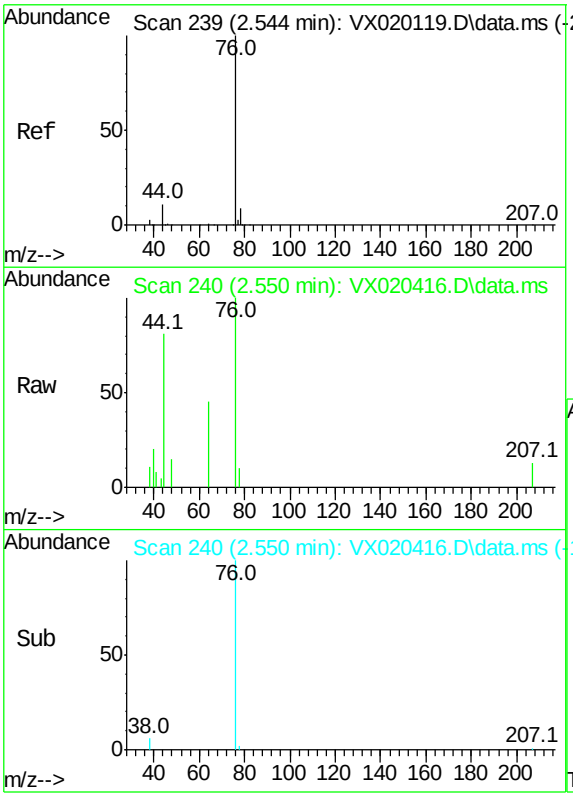

#16
Acetone
Concen: 2.03 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020416.D
Acq: 28 Dec 2020 16:34

Tgt Ion: 43 Resp: 3214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.7 | 27.8 | 41.8 |



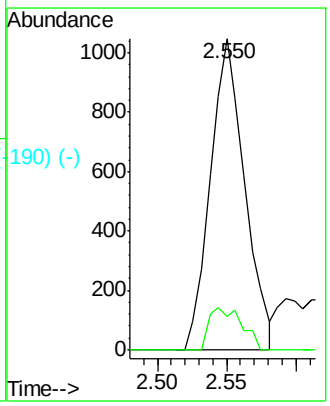

**Instrument :**
MSVOA_X
**ClientSampleId :**
OWL-C4-GW



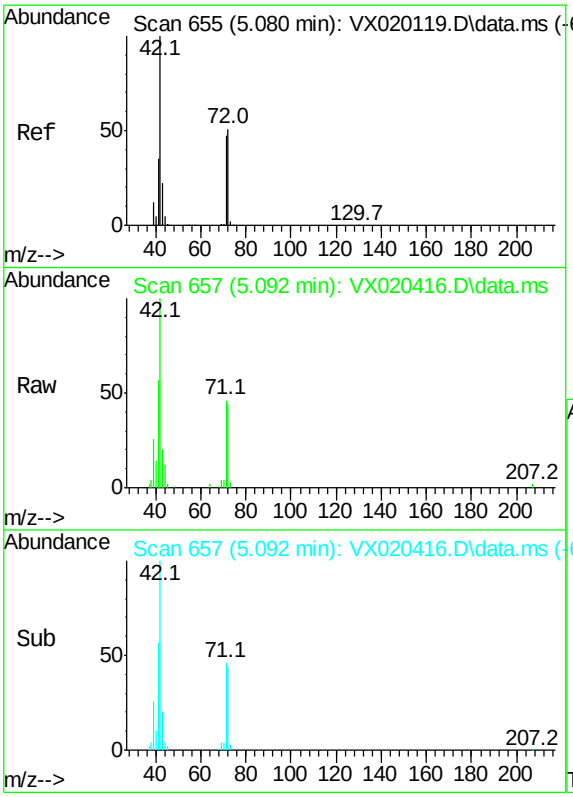

#17
Carbon Disulfide
Concen: 0.23 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020416.D
Acq: 28 Dec 2020 16:34

Tgt Ion: 76 Resp: 1798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.5 | 7.2 | 10.8 |



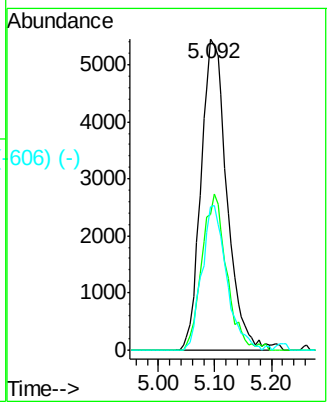
**Instrument :**
MSVOA_X
**ClientSampleId :**
OWL-C4-GW

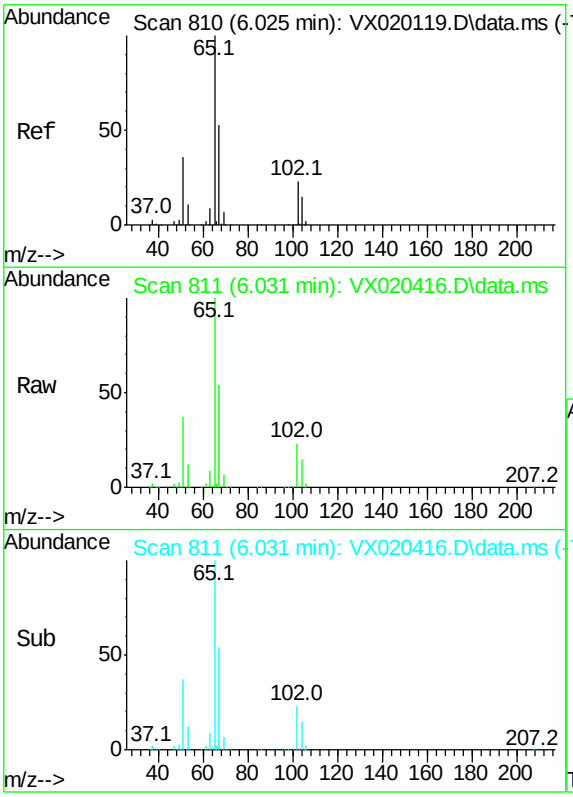



#29
Tetrahydrofuran
Concen: 11.85 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX020416.D
Acq: 28 Dec 2020 16:34

Tgt Ion: 42 Resp: 17142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 48.3 | 41.7 | 62.5 |
| 71 | 44.3 | 38.4 | 57.6 |

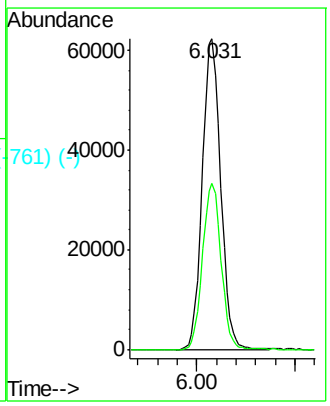


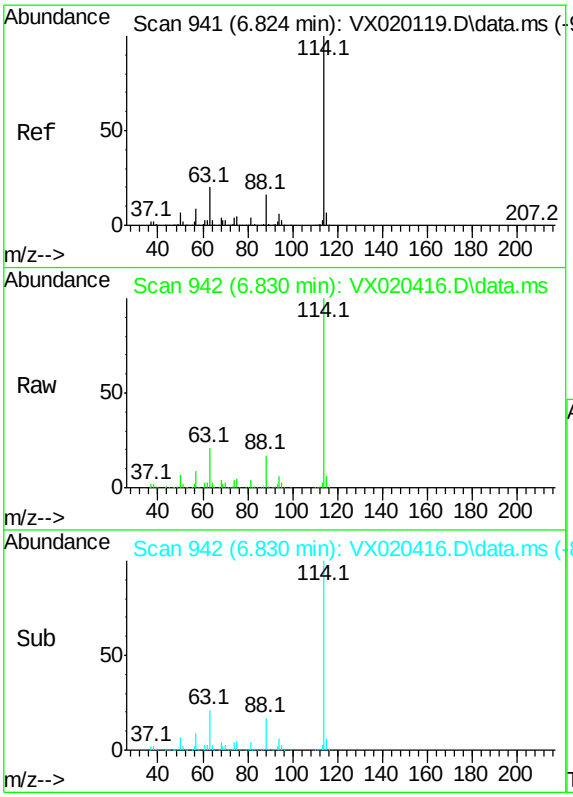




#33
1,2-Dichloroethane-d4
Concen: 46.90 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020416.D
Acq: 28 Dec 2020 16:34

Tgt Ion: 65 Resp: 162534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.9 | 0.0 | 105.4 |

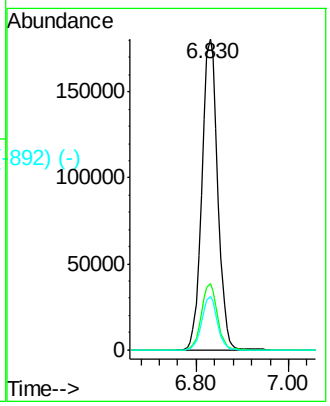




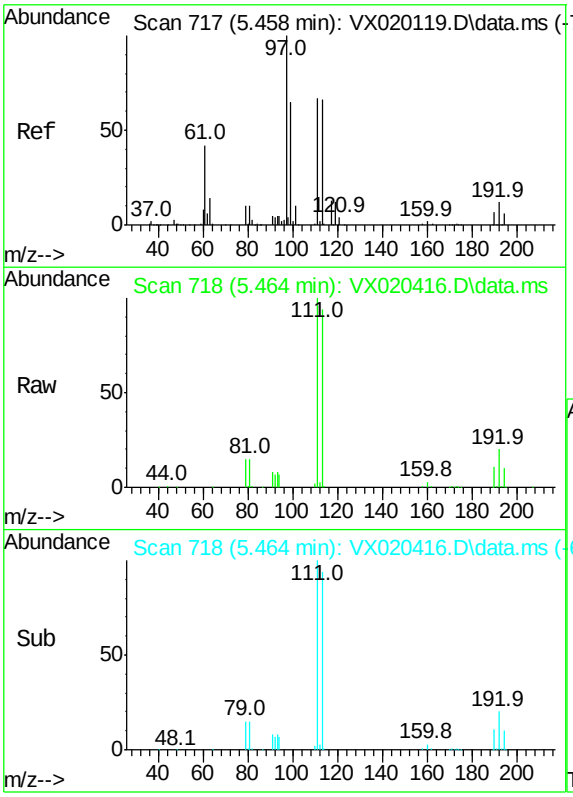

#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020416.D
Acq: 28 Dec 2020 16:34

Tgt Ion:114 Resp: 426382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.2 | 0.0 | 40.8 |
| 88 | 17.3 | 0.0 | 32.8 |



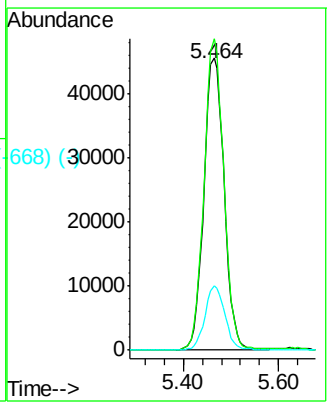

**Instrument :**
MSVOA_X
**ClientSampleId :**
OWL-C4-GW



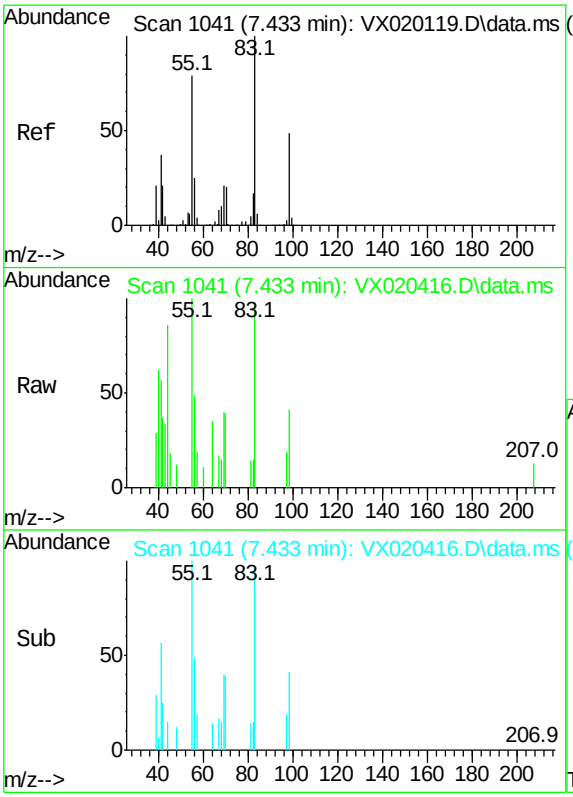

#35
Dibromofluoromethane
Concen: 48.79 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020416.D
Acq: 28 Dec 2020 16:34

Tgt Ion:113 Resp: 133070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.7 | 81.9 | 122.9 |
| 192 | 21.2 | 16.7 | 25.1 |



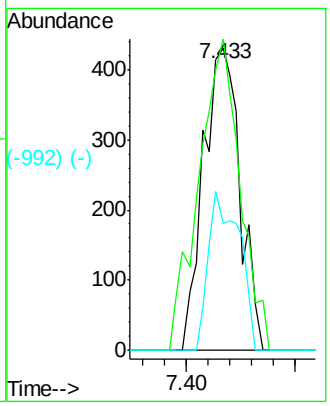
**Instrument :**
MSVOA_X
**ClientSampleId :**
OWL-C4-GW

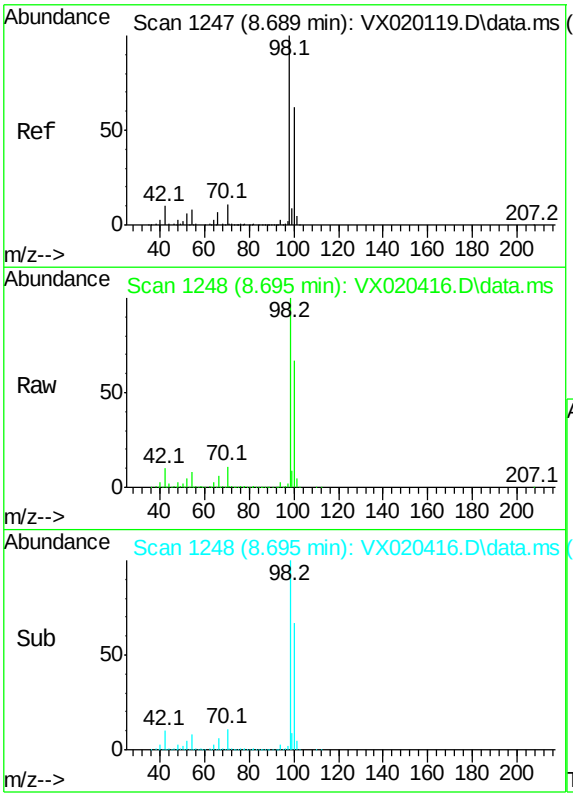



#39
Methylcyclohexane
Concen: 0.21 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX020416.D
Acq: 28 Dec 2020 16:34

Tgt Ion: 83 Resp: 1008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 102.8 | 58.9 | 88.3# |
| 98 | 41.9 | 38.1 | 57.1 |

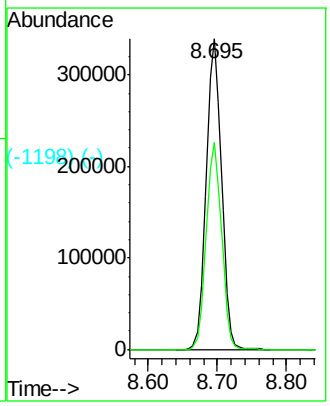


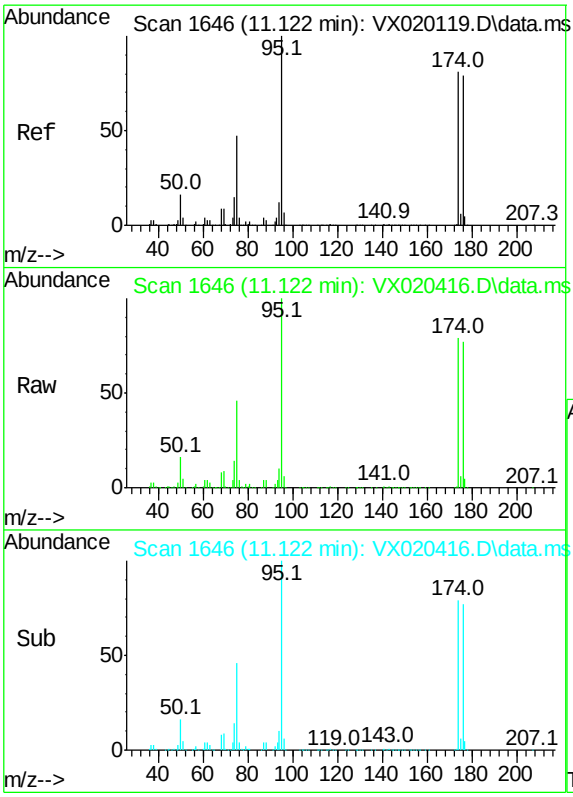




#50
Toluene-d8
Concen: 49.18 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020416.D
Acq: 28 Dec 2020 16:34

Tgt Ion: 98 Resp: 516329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.8 | 51.9 | 77.9 |



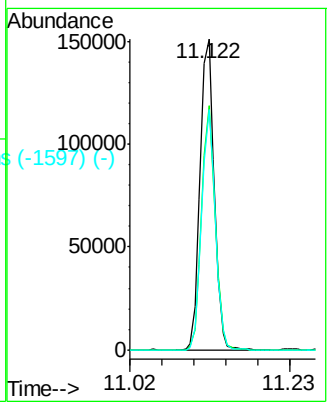


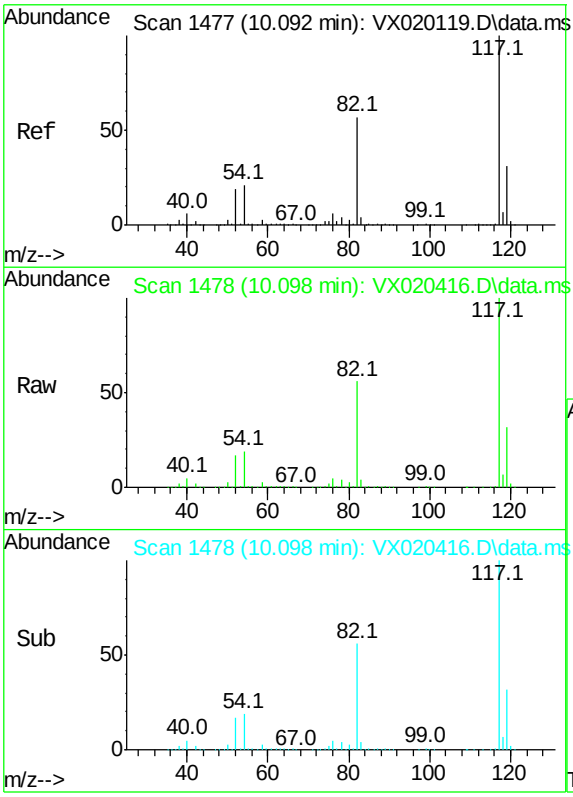

#62
4-Bromofluorobenzene
Concen: 48.18 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020416.D
Acq: 28 Dec 2020 16:34

**Instrument :**
MSVOA_X
**ClientSampleId :**
OWL-C4-GW

Tgt Ion: 95 Resp: 193599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 75.8 | 0.0 | 154.6 |
| 176 | 74.7 | 0.0 | 155.8 |

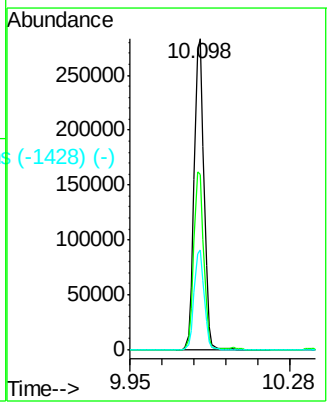


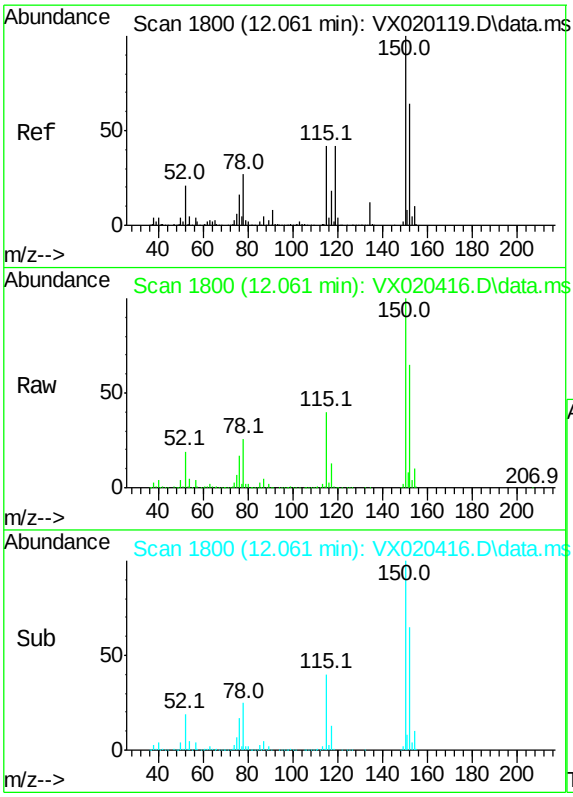




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020416.D
Acq: 28 Dec 2020 16:34

Tgt Ion:117 Resp: 394284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.2 | 47.4 | 71.2 |
| 119 | 32.0 | 26.6 | 39.8 |

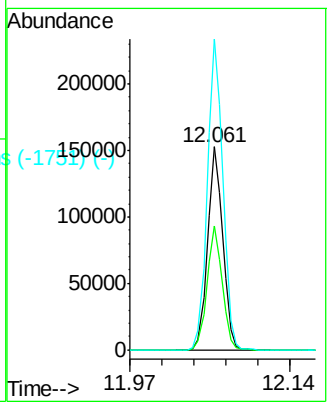




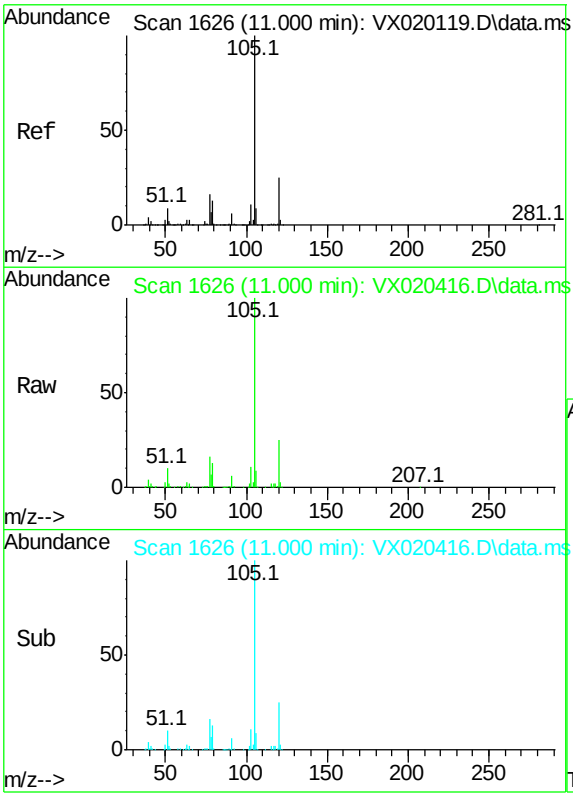

#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020416.D
Acq: 28 Dec 2020 16:34

Tgt Ion:152 Resp: 180676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.8 | 41.1 | 123.3 |
| 150 | 156.2 | 0.0 | 349.0 |



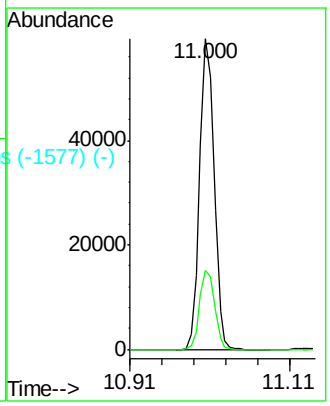

**Instrument :**
MSVOA_X
**ClientSampleId :**
OWL-C4-GW



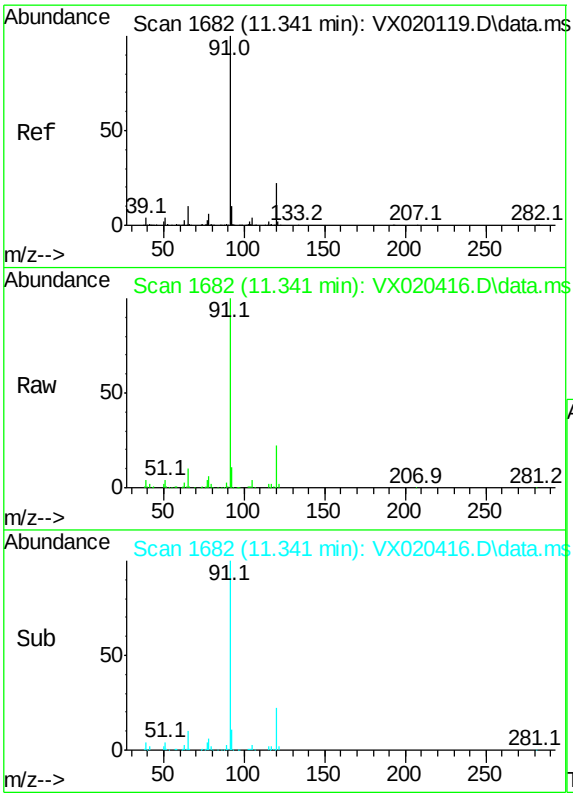

#73
Isopropylbenzene
Concen: 5.74 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX020416.D
Acq: 28 Dec 2020 16:34

Tgt Ion:105 Resp: 74835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.2 | 13.2 | 39.6 |



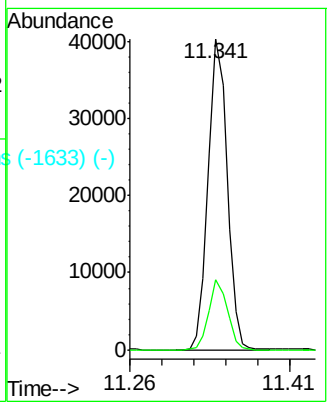
**Instrument :**
MSVOA_X
**ClientSampleId :**
OWL-C4-GW

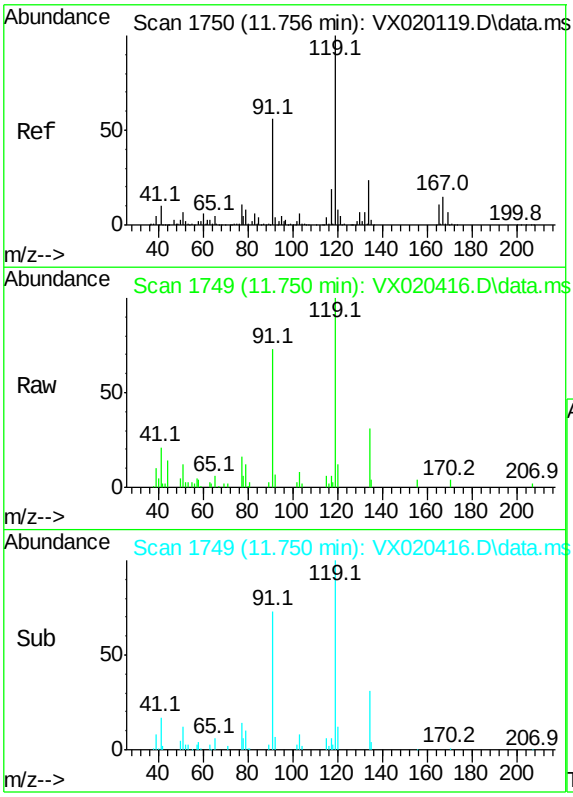



#78
n-propylbenzene
Concen: 3.24 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VX020416.D
Acq: 28 Dec 2020 16:34

Tgt Ion: 91 Resp: 48755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 21.9 | 11.5 | 34.5 |

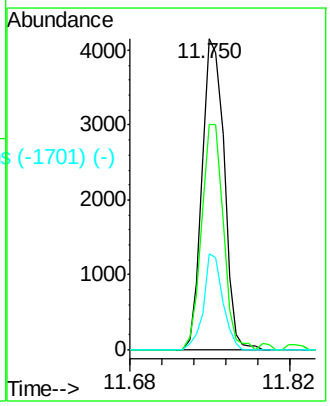


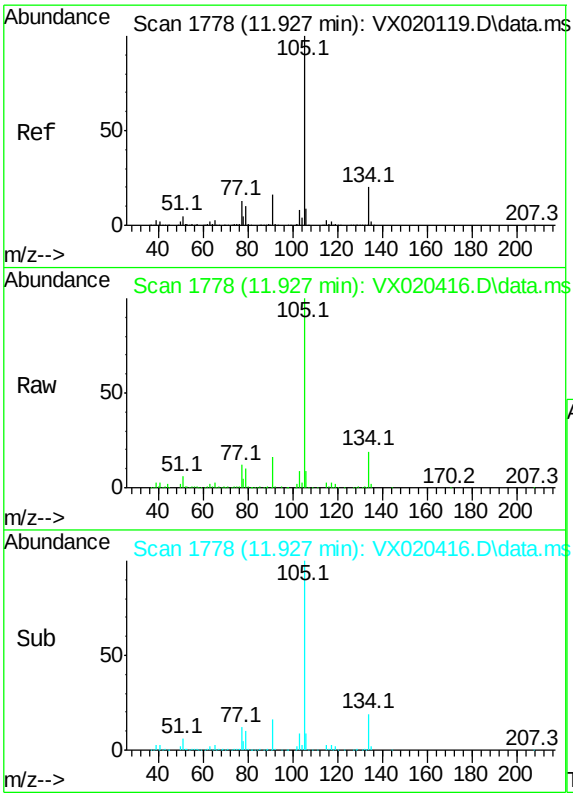

#83
tert-Butylbenzene
Concen: 0.55 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX020416.D
Acq: 28 Dec 2020 16:34

Tgt Ion:119 Resp: 5822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 71.4 | 27.9 | 83.7 |
| 134 | 26.6 | 11.3 | 33.9 |



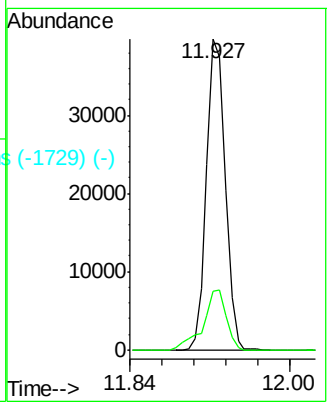
**Instrument :**
MSVOA_X
**ClientSampleId :**
OWL-C4-GW

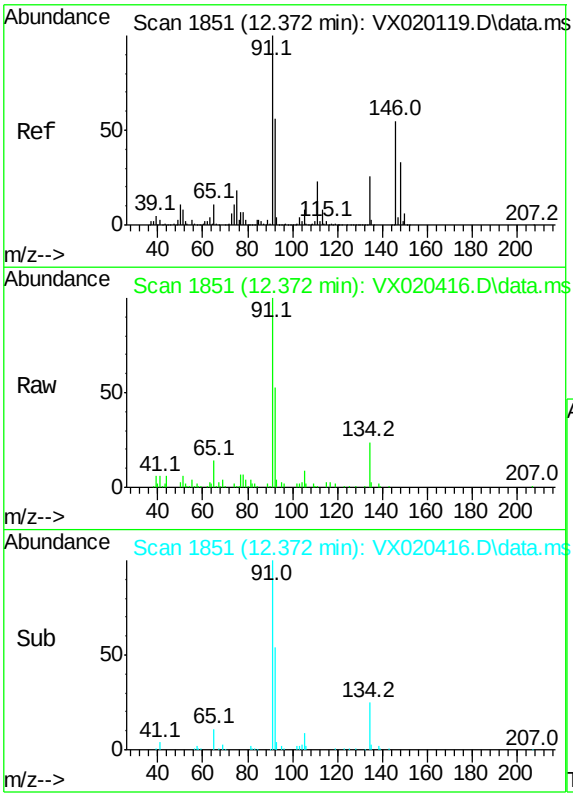



#85
sec-Butylbenzene
Concen: 4.15 ug/l
RT: 11.927 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VX020416.D
Acq: 28 Dec 2020 16:34

Tgt Ion:105 Resp: 50798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 23.4 | 10.0 | 29.8 |




#89
n-Butylbenzene
Concen: 1.17 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020416.D
Acq: 28 Dec 2020 16:34

Tgt Ion: 91 Resp: 11533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.9 | 27.4 | 82.0 |
| 134 | 29.0 | 13.2 | 39.5 |