Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012721\
Data File : VX020777.D
Acq On : 27 Jan 2021 18:01
Operator : JC/SP
Sample : M1217-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** 1726-1727

Quant Time: Jan 28 00:46:03 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:38:15 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.629 | 168 | 294261 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.830 | 114 | 497114 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.098 | 117 | 455009 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.067 | 152 | 170874 | 50.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.031 | 65 | 189537 | 47.22 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 61 - 141 | | Recovery = 94.44% | | | |
| 35) Dibromofluoromethane | 5.471 | 113 | 19131 | 5.62 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 69 - 133 | | Recovery = 11.24%# | | | |
| 50) Toluene-d8 | 8.696 | 98 | 603369 | 48.33 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 65 - 126 | | Recovery = 96.66% | | | |
| 62) 4-Bromofluorobenzene | 11.122 | 95 | 160130 | 33.03 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 135 | | Recovery = 66.06% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 2.428 | 43 | 939323 | 617.25 | ug/l | 99 |
| 20) Methylene Chloride | 2.831 | 84 | 2808 | 0.73 | ug/l | 87 |
| 52) Toluene | 8.763 | 92 | 37253 | 4.03 | ug/l | 99 |
| 67) Ethyl Benzene | 10.232 | 91 | 15468 | 0.91 | ug/l | 94 |
| 68) m/p-Xylenes | 10.342 | 106 | 24379 | 3.83 | ug/l | 95 |
| 69) o-Xylene | 10.683 | 106 | 12260 | 2.05 | ug/l | 97 |
| 78) n-propylbenzene | 11.360 | 91 | 8862 | 0.62 | ug/l | 99 |
| 80) 1,3,5-Trimethylbenzene | 11.500 | 105 | 12448 | 1.18 | ug/l | 97 |
| 84) 1,2,4-Trimethylbenzene | 11.799 | 105 | 38076 | 3.58 | ug/l | 98 |
| 85) sec-Butylbenzene | 11.939 | 105 | 3445 | 0.29 | ug/l | 83 |
| 86) p-Isopropyltoluene | 12.055 | 119 | 5626 | 0.51 | ug/l | 86 |

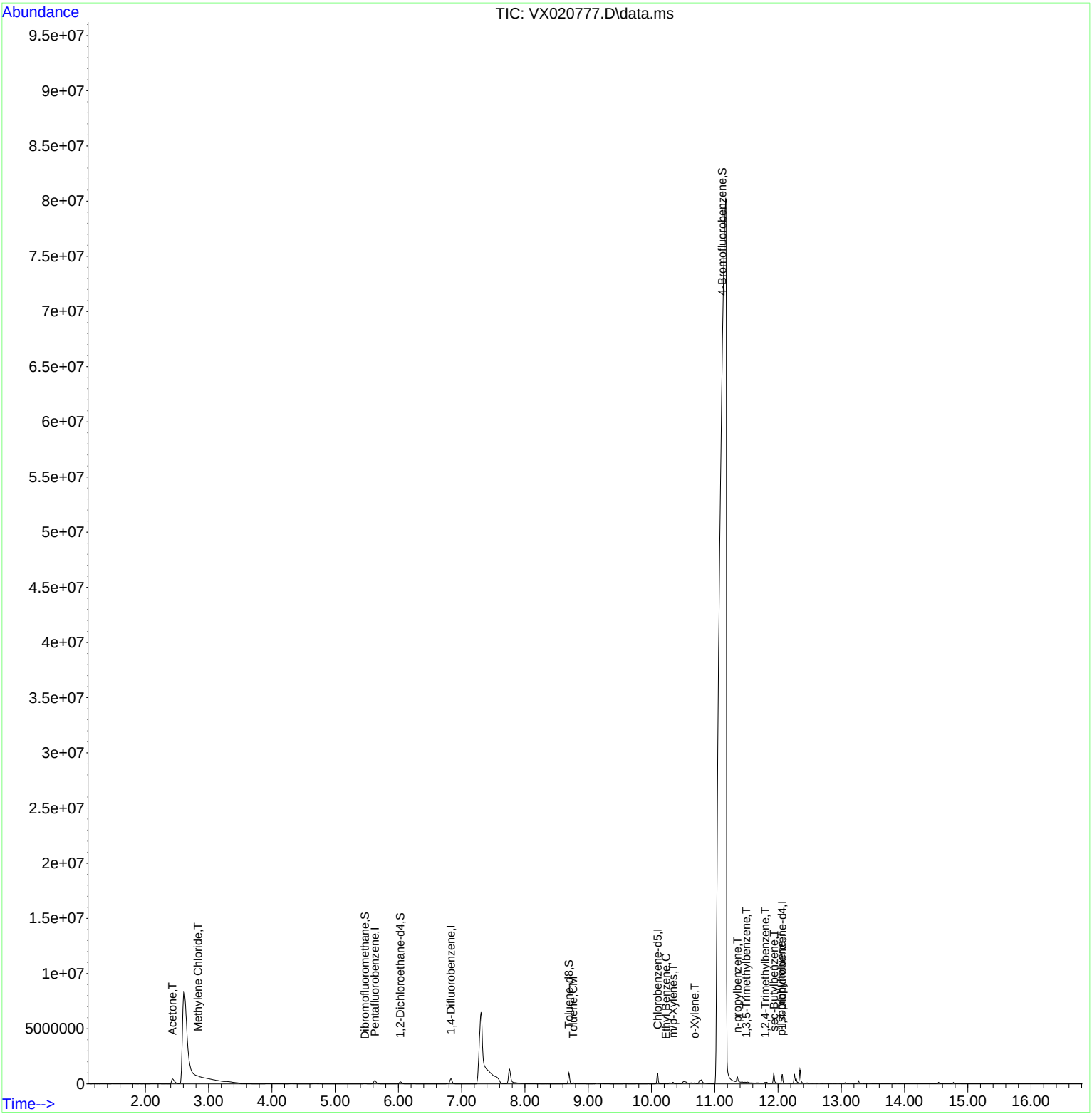
(#) = qualifier out of range (m) = manual integration (+) = signals summed

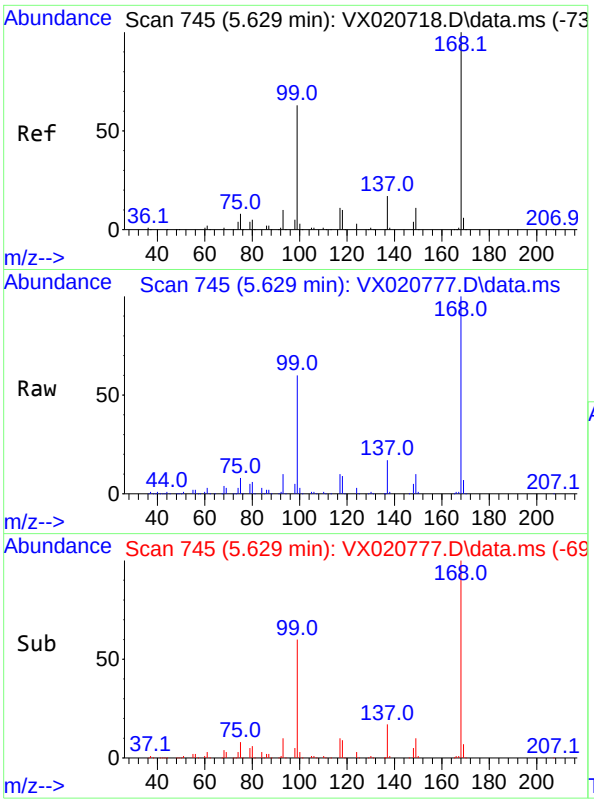
Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012721\
Data File : VX020777.D
Acq On : 27 Jan 2021 18:01
Operator : JC/SP
Sample : M1217-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
1726-1727

Quant Time: Jan 28 00:46:03 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:38:15 2021
Response via : Initial Calibration

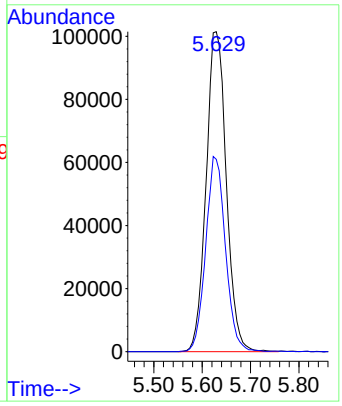




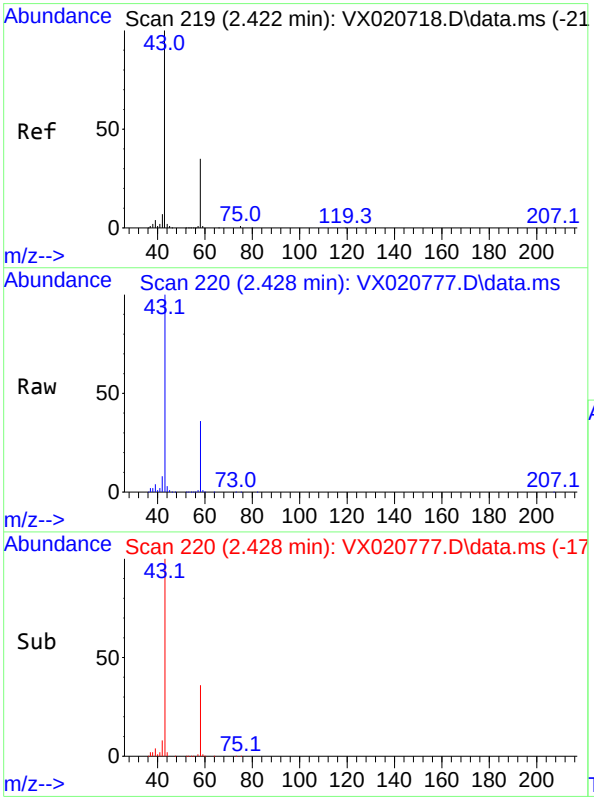

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020777.D
Acq: 27 Jan 2021 18:01

Tgt Ion:168 Resp: 294261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 60.1 | 45.8 | 68.6 |



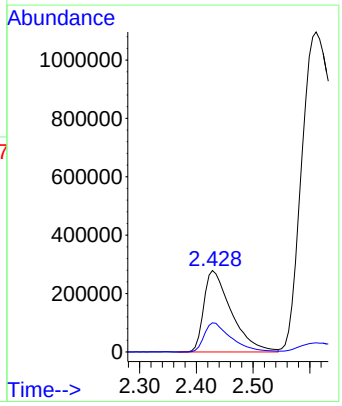

**Instrument :**
MSVOA_X
**ClientSampleId :**
1726-1727



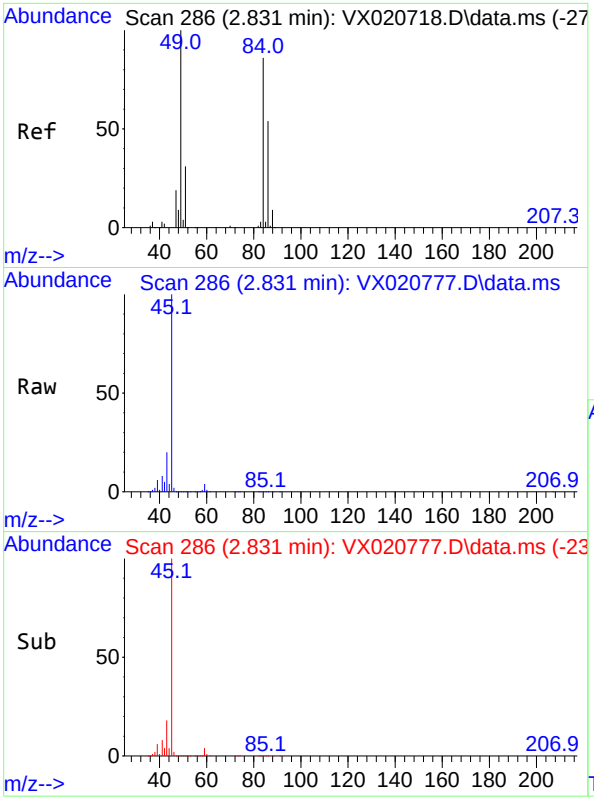

#16
Acetone
Concen: 617.25 ug/l
RT: 2.428 min Scan# 220
Delta R.T. 0.006 min
Lab File: VX020777.D
Acq: 27 Jan 2021 18:01

Tgt Ion: 43 Resp: 939323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.7 | 27.8 | 41.8 |



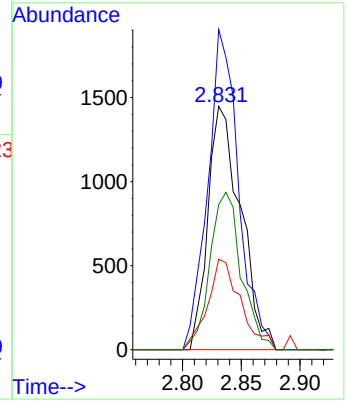
**Instrument :**
MSVOA_X
**ClientSampleId :**
1726-1727

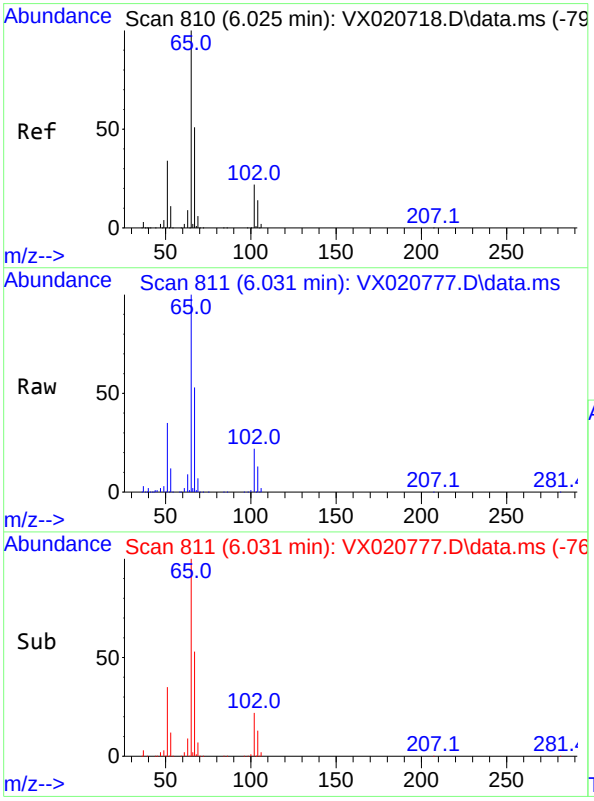



#20
Methylene Chloride
Concen: 0.73 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020777.D
Acq: 27 Jan 2021 18:01

Tgt Ion: 84 Resp: 2808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 131.5 | 88.6 | 132.8 |
| 51 | 37.2 | 27.0 | 40.6 |
| 86 | 59.7 | 50.3 | 75.5 |

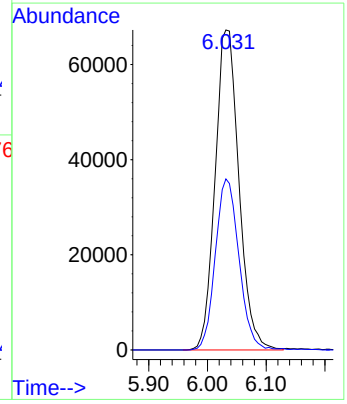


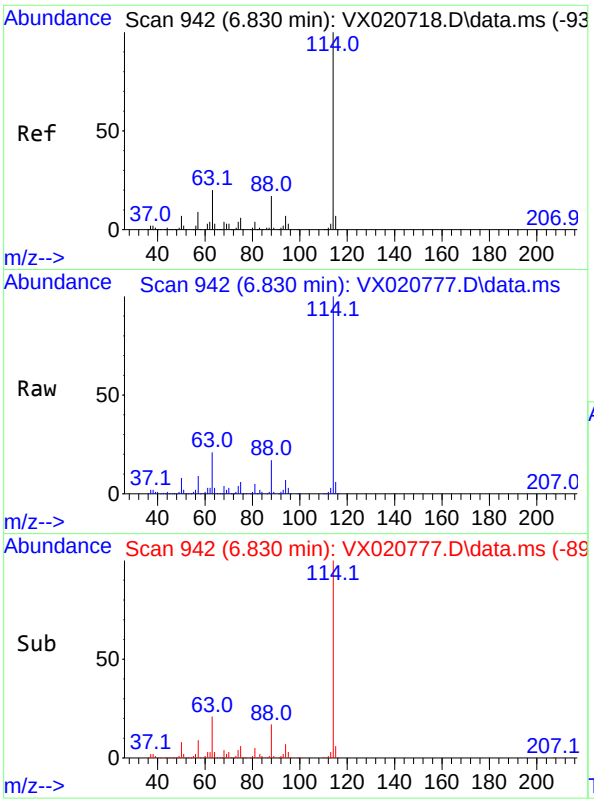




#33
1,2-Dichloroethane-d4
Concen: 47.22 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020777.D
Acq: 27 Jan 2021 18:01

Tgt Ion: 65 Resp: 189537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.0 | 0.0 | 105.4 |

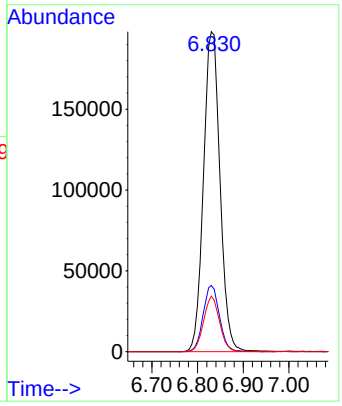




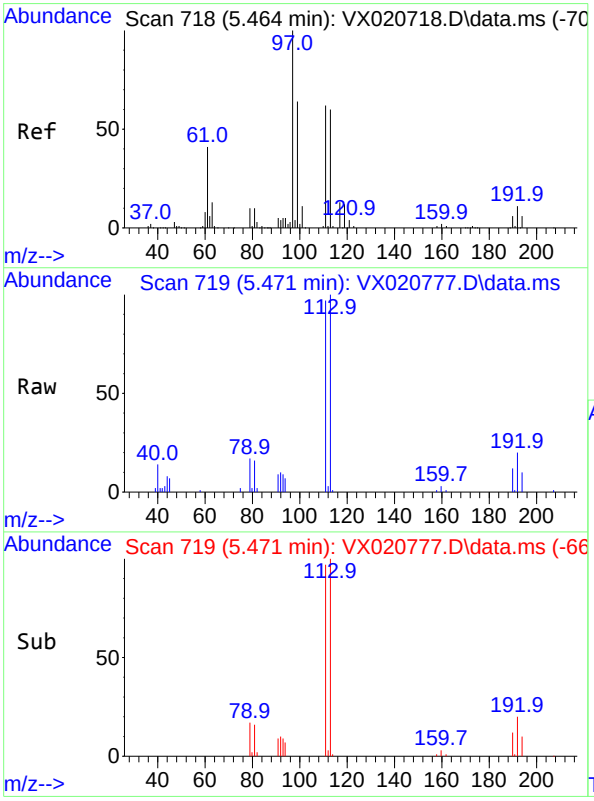

#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020777.D
Acq: 27 Jan 2021 18:01

Tgt Ion:114 Resp: 497114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.7 | 0.0 | 40.8 |
| 88 | 17.4 | 0.0 | 32.8 |



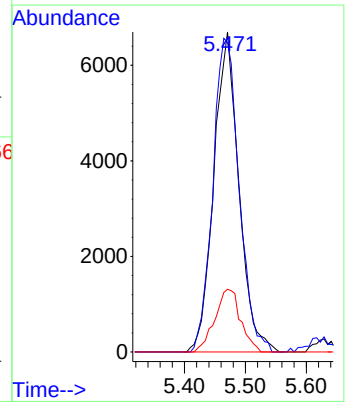

**Instrument :**
MSVOA_X
**ClientSampleId :**
1726-1727

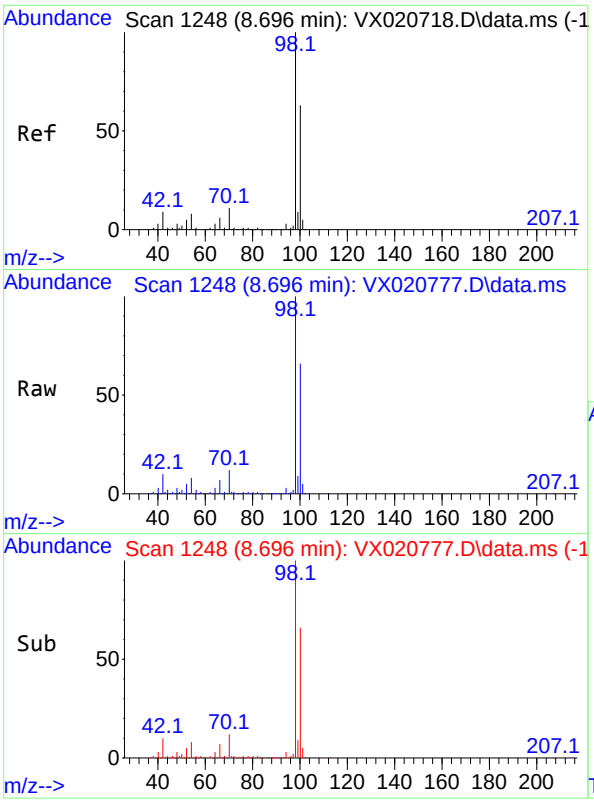



#35
Dibromofluoromethane
Concen: 5.62 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX020777.D
Acq: 27 Jan 2021 18:01

Tgt Ion:113 Resp: 19131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.7 | 81.9 | 122.9 |
| 192 | 20.1 | 16.7 | 25.1 |

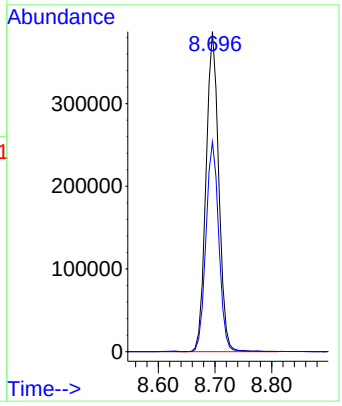




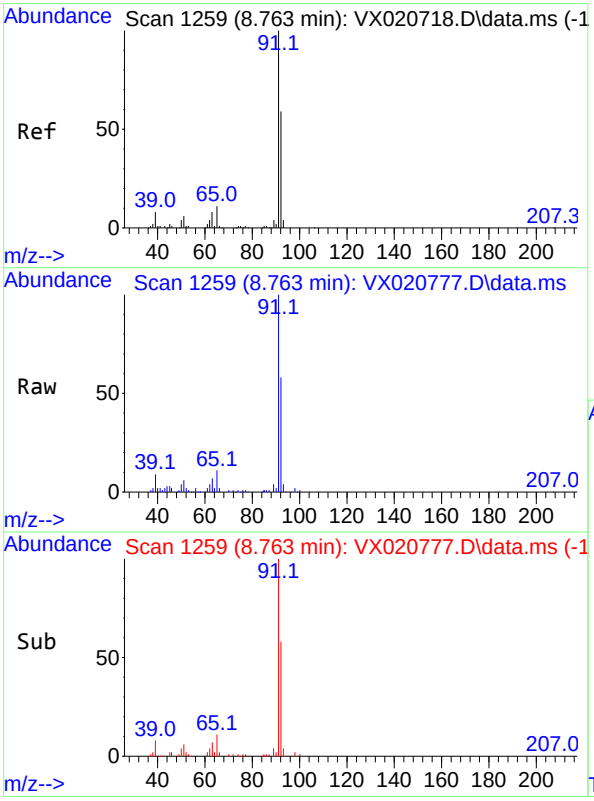

#50
Toluene-d8
Concen: 48.33 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020777.D
Acq: 27 Jan 2021 18:01

Tgt Ion: 98 Resp: 603369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.9 | 51.9 | 77.9 |



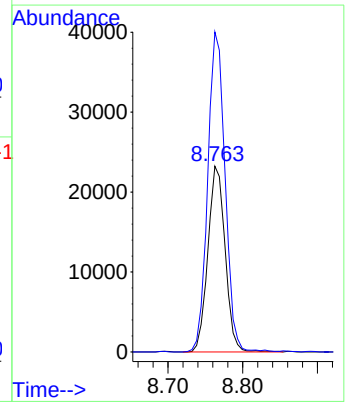

**Instrument :**
MSVOA_X
**ClientSampleId :**
1726-1727

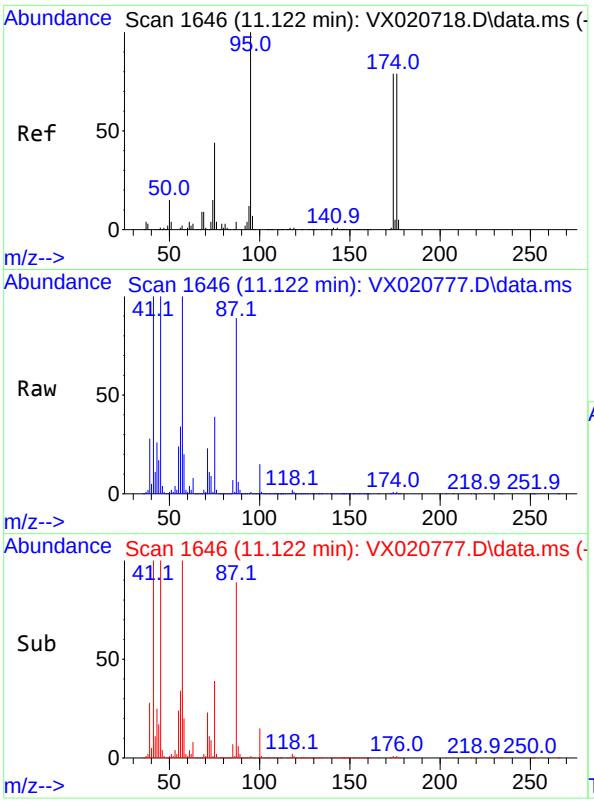



#52
Toluene
Concen: 4.03 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX020777.D
Acq: 27 Jan 2021 18:01

Tgt Ion: 92 Resp: 37253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 173.4 | 137.1 | 205.7 |

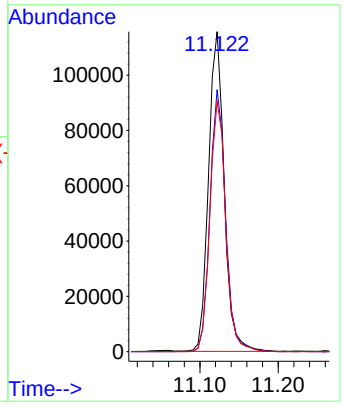




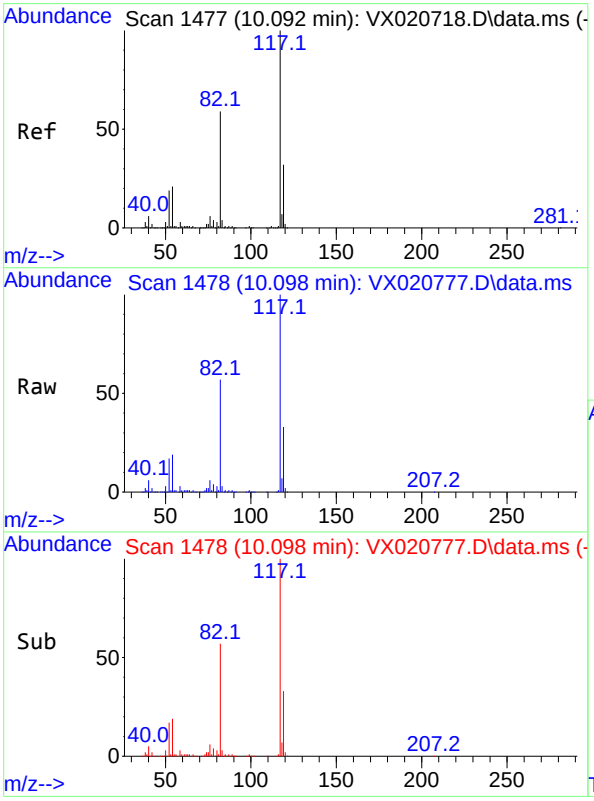

#62
4-Bromofluorobenzene
Concen: 33.03 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020777.D
Acq: 27 Jan 2021 18:01

Tgt Ion: 95 Resp: 160130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 81.9 | 0.0 | 154.6 |
| 176 | 78.9 | 0.0 | 155.8 |



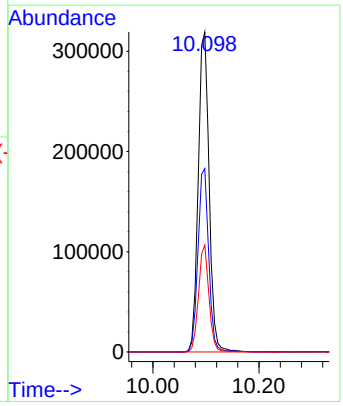

**Instrument :**
MSVOA_X
**ClientSampleId :**
1726-1727



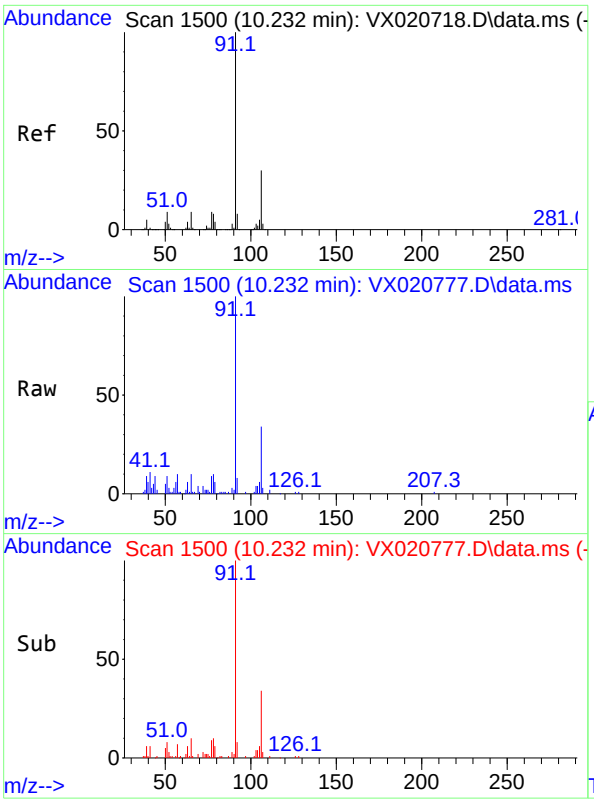

#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020777.D
Acq: 27 Jan 2021 18:01

Tgt Ion:117 Resp: 455009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.3 | 47.4 | 71.2 |
| 119 | 33.5 | 26.6 | 39.8 |



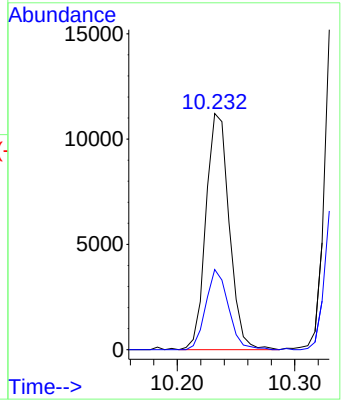
**Instrument :**
MSVOA_X
**ClientSampleId :**
1726-1727

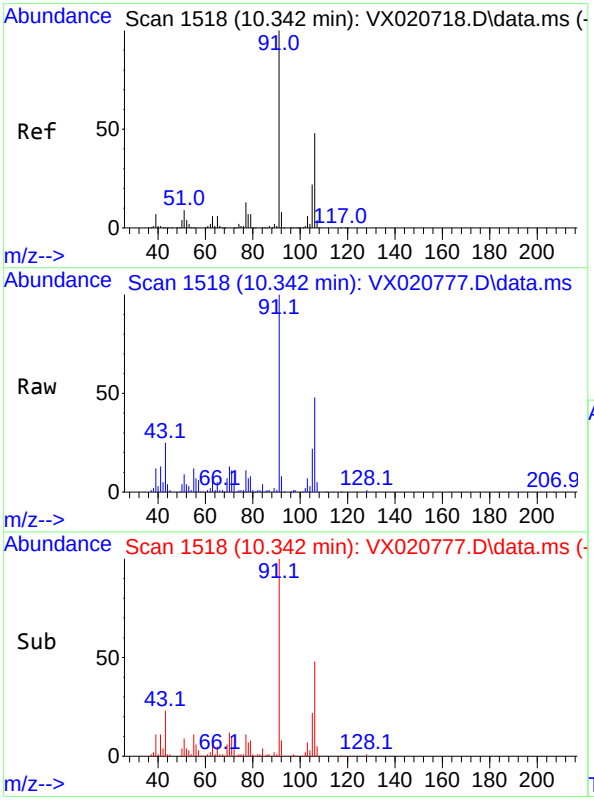



#67
Ethyl Benzene
Concen: 0.91 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020777.D
Acq: 27 Jan 2021 18:01

Tgt Ion: 91 Resp: 15468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 34.0 | 24.6 | 37.0 |

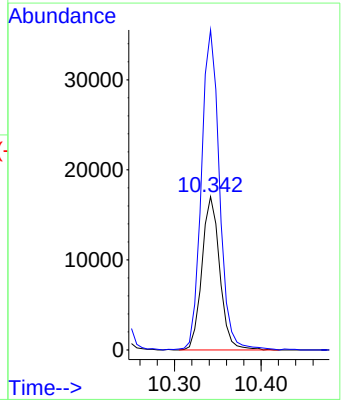


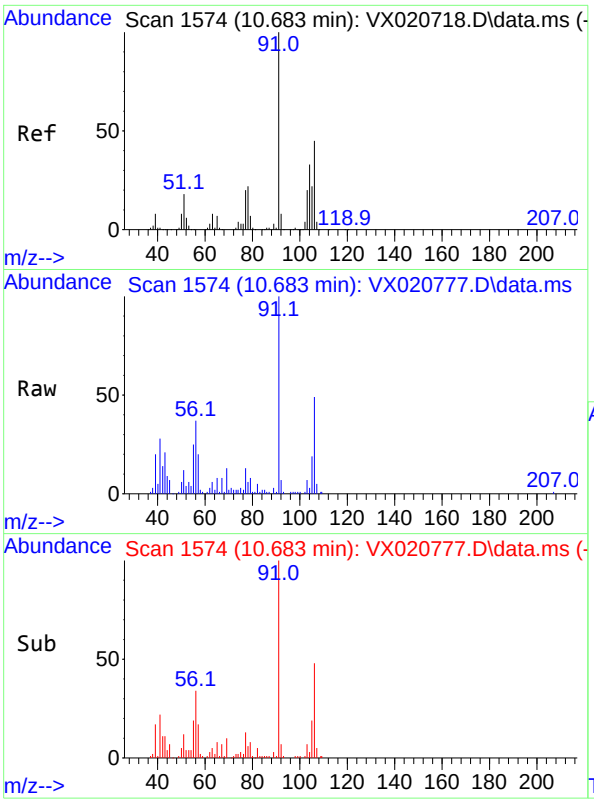

#68
m/p-Xylenes
Concen: 3.83 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VX020777.D
Acq: 27 Jan 2021 18:01

Tgt Ion:106 Resp: 24379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 211.4 | 162.8 | 244.2 |



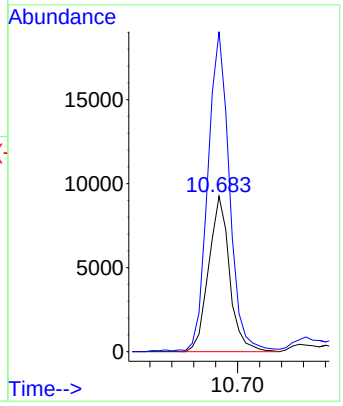
**Instrument :**
MSVOA_X
**ClientSampleId :**
1726-1727

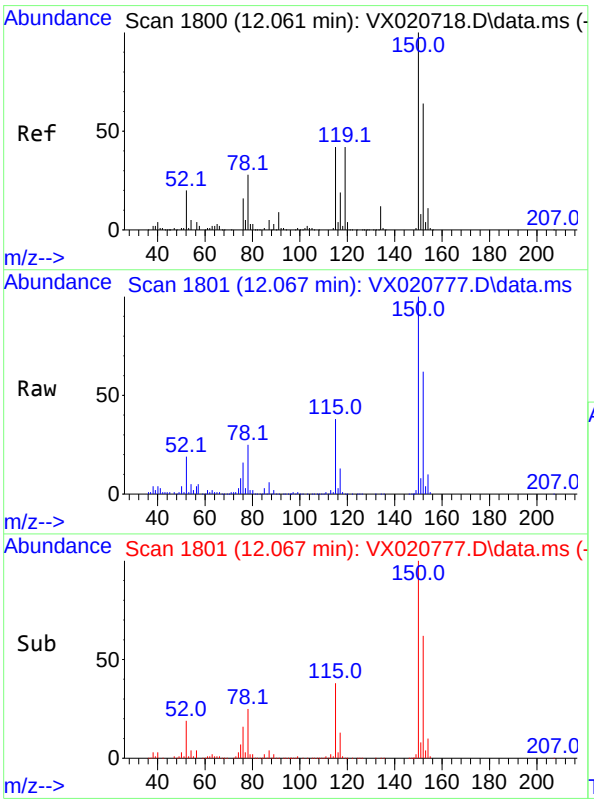



#69
o-Xylene
Concen: 2.05 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VX020777.D
Acq: 27 Jan 2021 18:01

Tgt Ion:106 Resp: 12260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 210.8 | 108.1 | 324.2 |

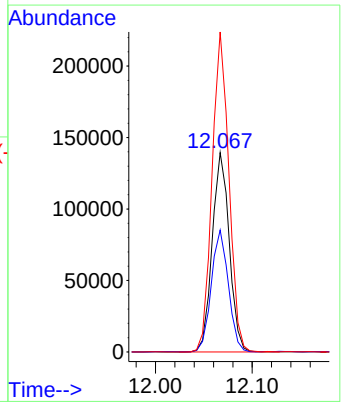


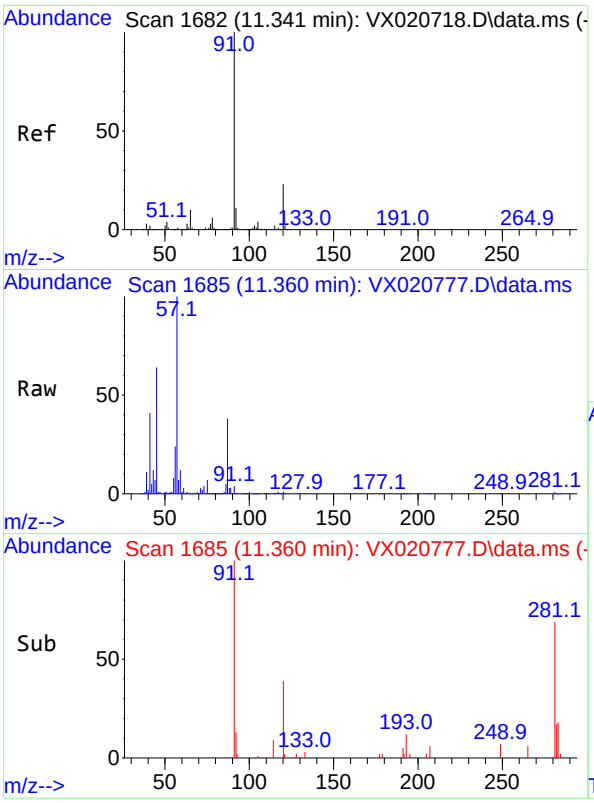

#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.067 min Scan# 1801
Delta R.T. 0.006 min
Lab File: VX020777.D
Acq: 27 Jan 2021 18:01

Tgt Ion:152 Resp: 170874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.9 | 41.1 | 123.3 |
| 150 | 158.1 | 0.0 | 349.0 |



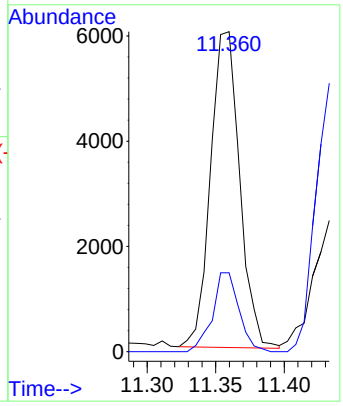
**Instrument :**
MSVOA_X
**ClientSampleId :**
1726-1727

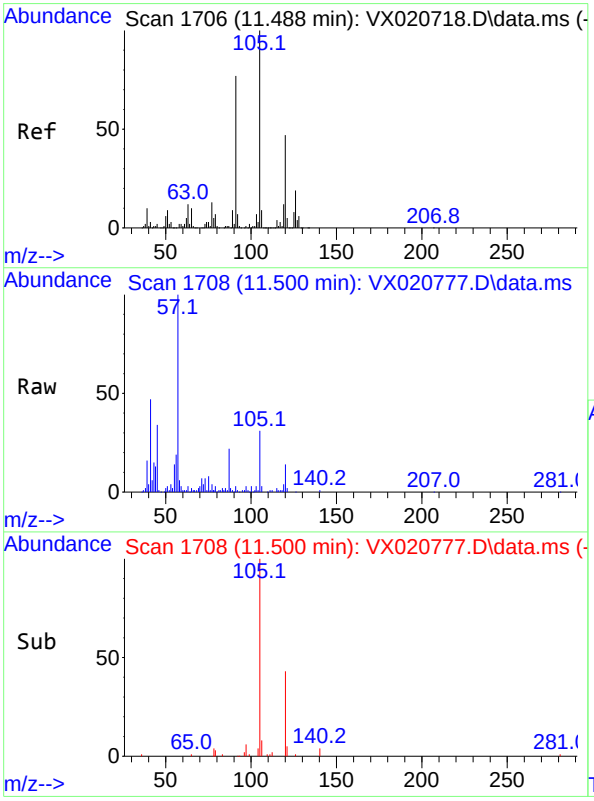



#78
n-propylbenzene
Concen: 0.62 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.019 min
Lab File: VX020777.D
Acq: 27 Jan 2021 18:01

Tgt Ion: 91 Resp: 8862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.7 | 11.5 | 34.5 |

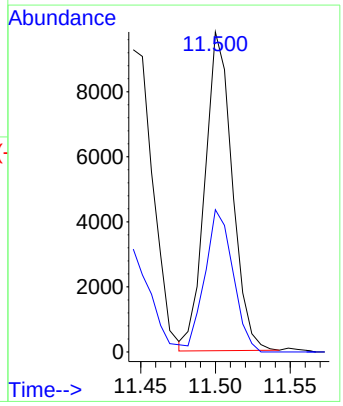


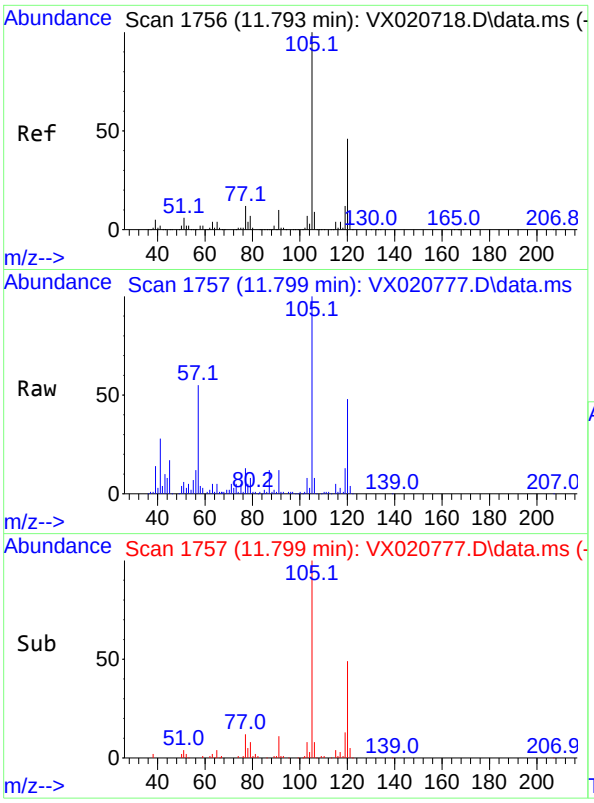

#80
1,3,5-Trimethylbenzene
Concen: 1.18 ug/l
RT: 11.500 min Scan# 1708
Delta R.T. 0.012 min
Lab File: VX020777.D
Acq: 27 Jan 2021 18:01

Tgt Ion:105 Resp: 12448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.5 | 23.8 | 71.5 |



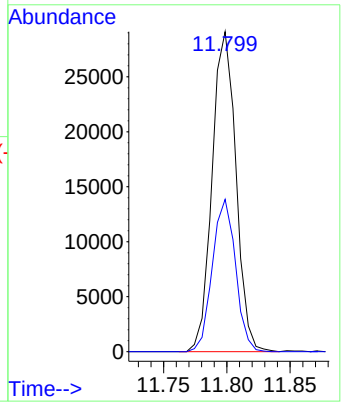
**Instrument :**
MSVOA_X
**ClientSampleId :**
1726-1727

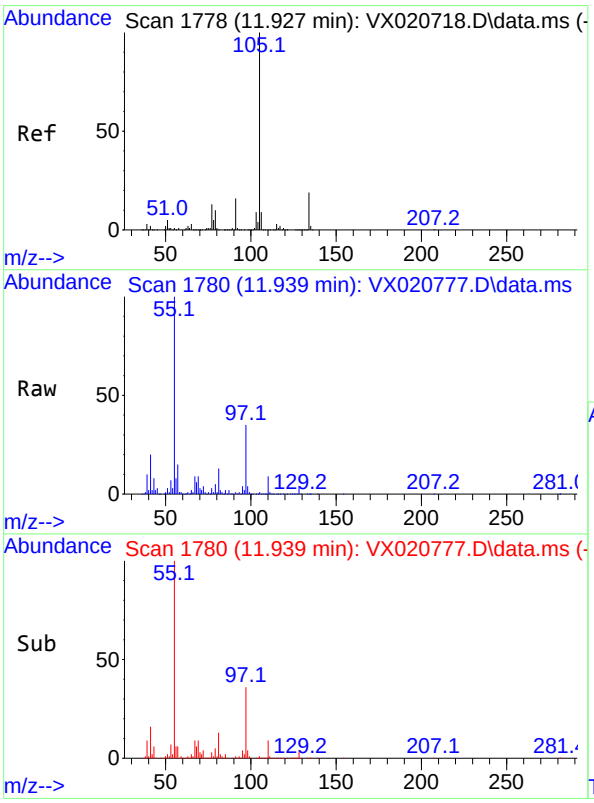



#84
1,2,4-Trimethylbenzene
Concen: 3.58 ug/l
RT: 11.799 min Scan# 1757
Delta R.T. 0.006 min
Lab File: VX020777.D
Acq: 27 Jan 2021 18:01

Tgt Ion:105 Resp: 38076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.3 | 22.4 | 67.3 |

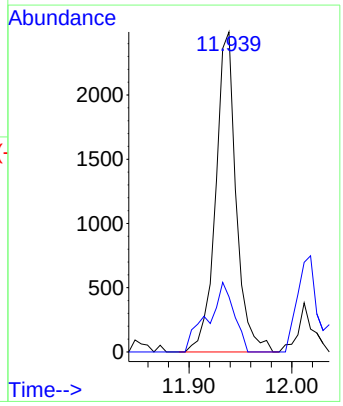


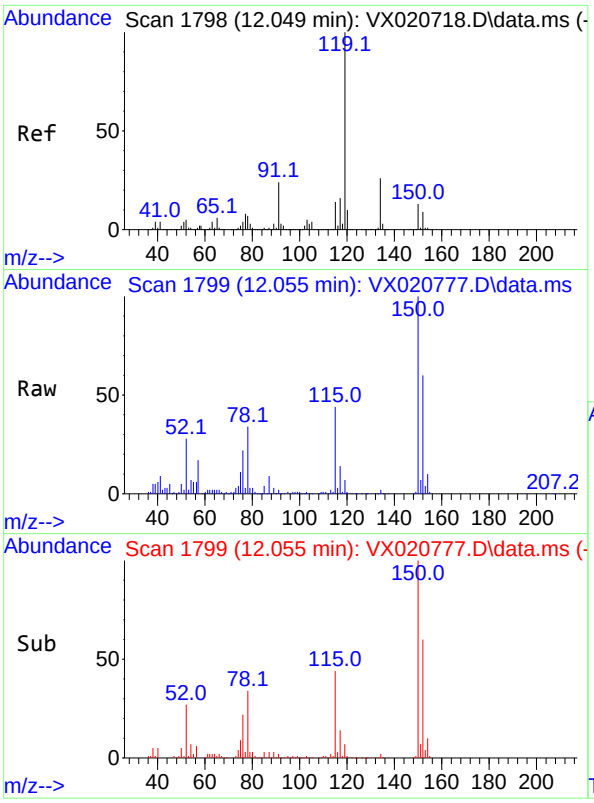




#85
sec-Butylbenzene
Concen: 0.29 ug/l
RT: 11.939 min Scan# 1780
Delta R.T. 0.012 min
Lab File: VX020777.D
Acq: 27 Jan 2021 18:01

Tgt Ion:105 Resp: 3445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 27.9 | 10.0 | 29.8 |

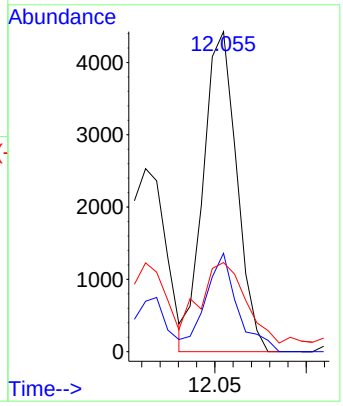





#86
p-Isopropyltoluene
Concen: 0.51 ug/l
RT: 12.055 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VX020777.D
Acq: 27 Jan 2021 18:01

Tgt Ion:119 Resp: 5626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 29.5 | 12.9 | 38.7 |
| 91 | 33.8 | 11.7 | 35.0 |




**Instrument :**
MSVOA_X
**ClientSampleId :**
1726-1727