Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
Data File : VX023710.D
Acq On : 14 Aug 2021 00:04
Operator : JC/MD
Sample : M3371-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** JET-GROUT

Quant Time: Aug 14 05:33:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.562 | 168 | 151028 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.769 | 114 | 261715 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 236688 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 89092 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.964 | 65 | 107719 | 57.177 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 114.360% | | | |
| 35) Dibromofluoromethane | 5.397 | 113 | 42209 | 25.794 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 51.580%# | | | |
| 50) Toluene-d8 | 8.653 | 98 | 319470 | 53.139 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 106.280% | | | |
| 62) 4-Bromofluorobenzene | 11.085 | 95 | 102925 | 50.347 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 100.700% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 2.386 | 43 | 99785 | 107.975 | ug/l | 90 |
| 20) Methylene Chloride | 2.794 | 84 | 12486 | 6.946 | ug/l # | 88 |
| 25) 2-Butanone | 4.574 | 43 | 8462 | 5.898 | ug/l | 92 |

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

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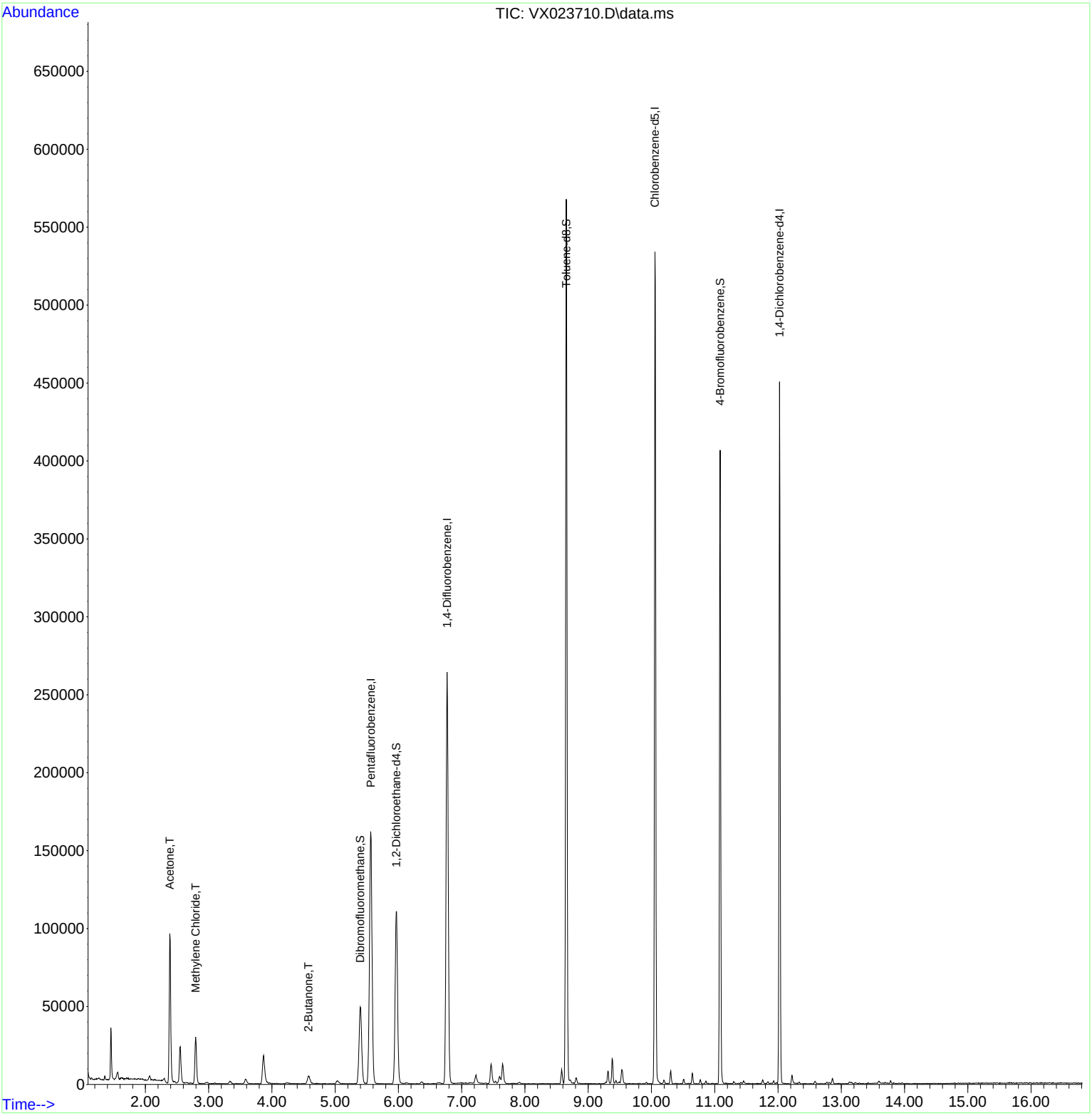

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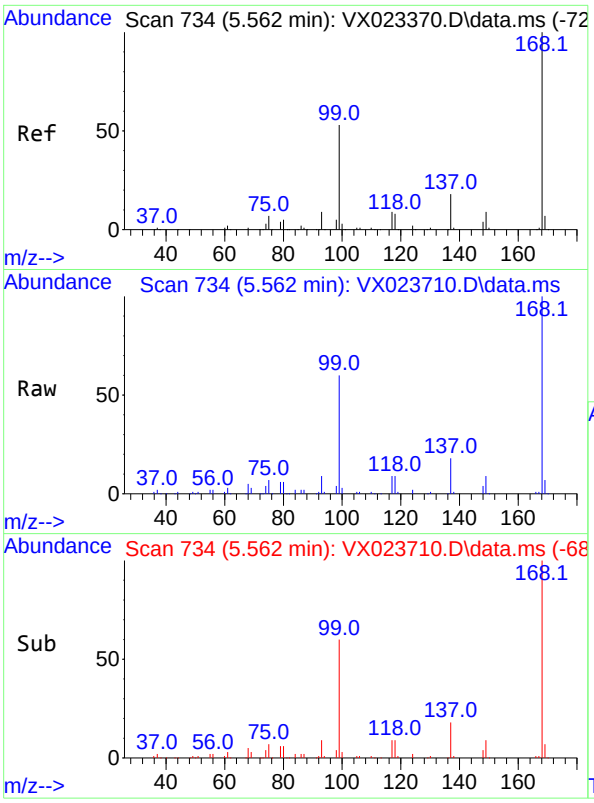
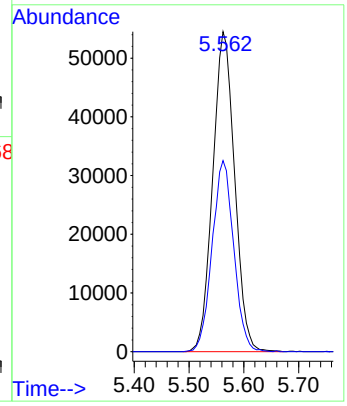
MSVOA_X
**ClientSampleId :**
JET-GROUT

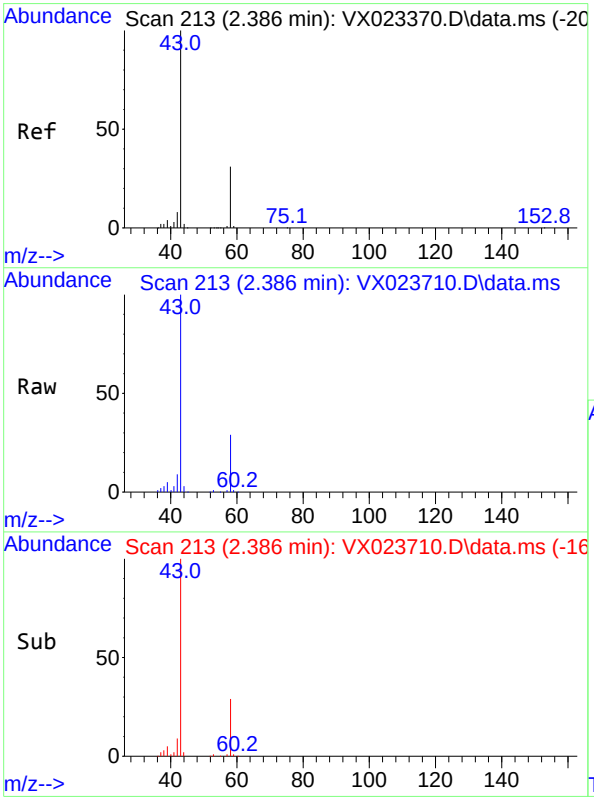



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023710.D
Acq: 14 Aug 2021 00:04

Tgt Ion:168 Resp: 151028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.7 | 45.8 | 68.6 |

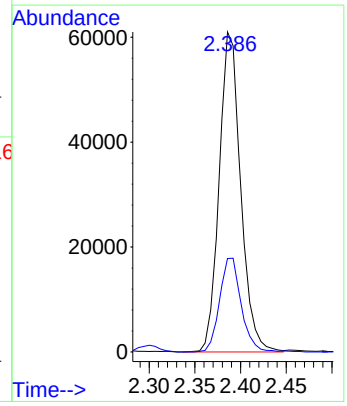



#16
Acetone
Concen: 107.975 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023710.D
Acq: 14 Aug 2021 00:04

Tgt Ion: 43 Resp: 99785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.2 | 27.8 | 41.8 |



**Instrument :**
MSVOA_X
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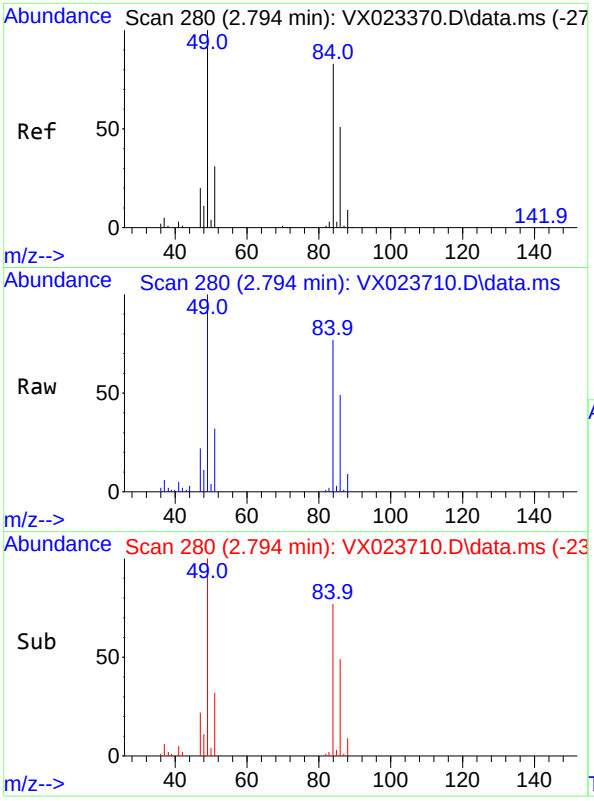
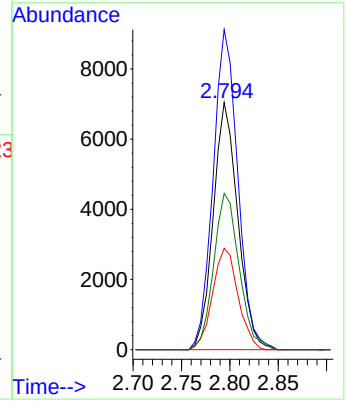
JET-GROUT

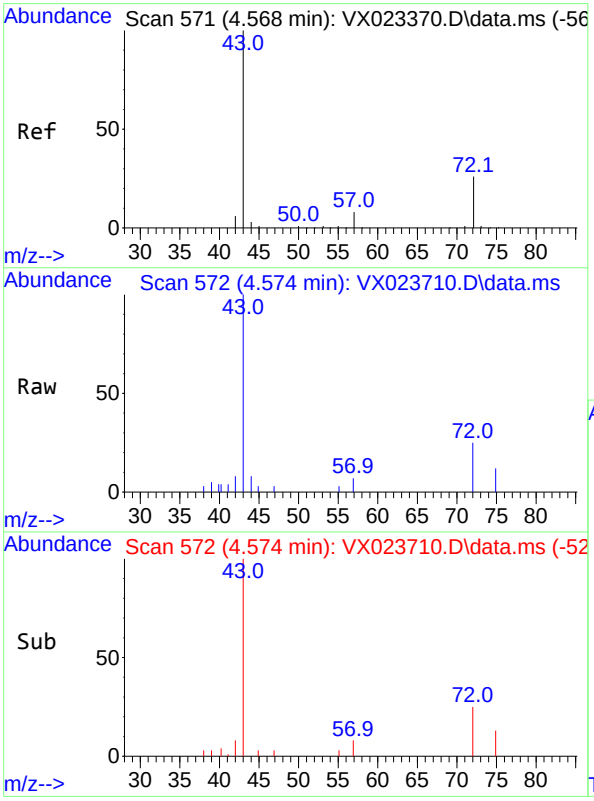



#20
Methylene Chloride
Concen: 6.946 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023710.D
Acq: 14 Aug 2021 00:04

Tgt Ion: 84 Resp: 12486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 129.5 | 88.6 | 132.8 |
| 51 | 41.0 | 27.0 | 40.6# |
| 86 | 63.2 | 50.3 | 75.5 |

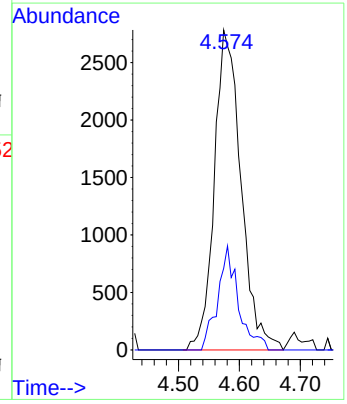


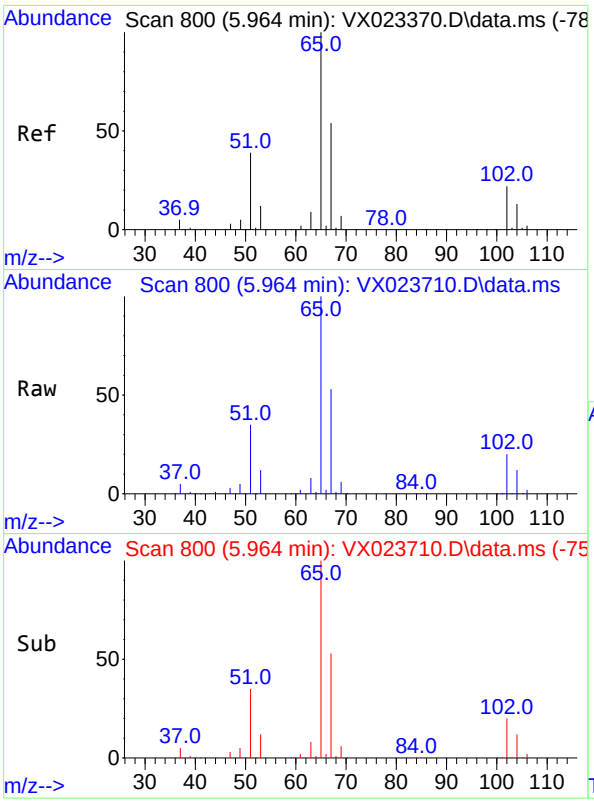




#25
2-Butanone
Concen: 5.898 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023710.D
Acq: 14 Aug 2021 00:04

Tgt Ion: 43 Resp: 8462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 25.5 | 23.7 | 35.5 |

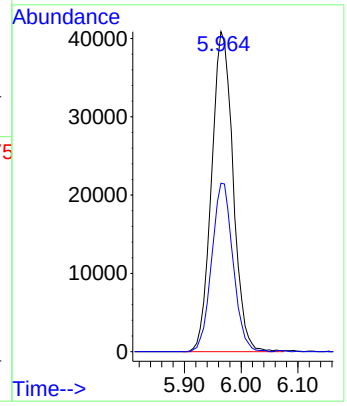




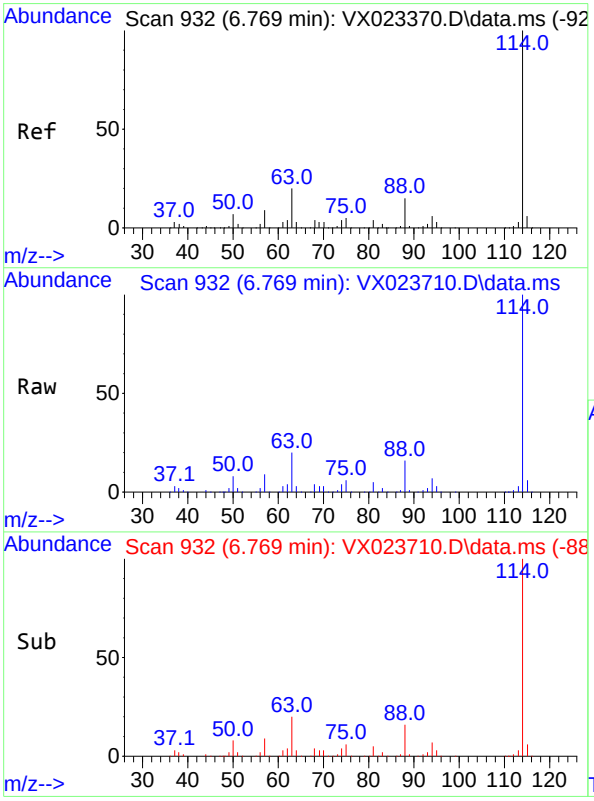

#33
1,2-Dichloroethane-d4
Concen: 57.177 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023710.D
Acq: 14 Aug 2021 00:04

Tgt Ion: 65 Resp: 107719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.2 | 0.0 | 105.4 |



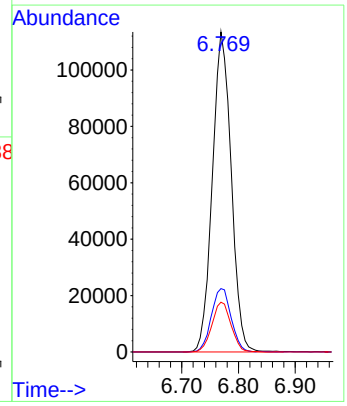

**Instrument :**
MSVOA_X
**ClientSampleId :**
JET-GROUT




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023710.D
Acq: 14 Aug 2021 00:04

Tgt Ion:114 Resp: 261715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.8 | 0.0 | 40.8 |
| 88 | 15.5 | 0.0 | 32.8 |



**Instrument :**
MSVOA_X
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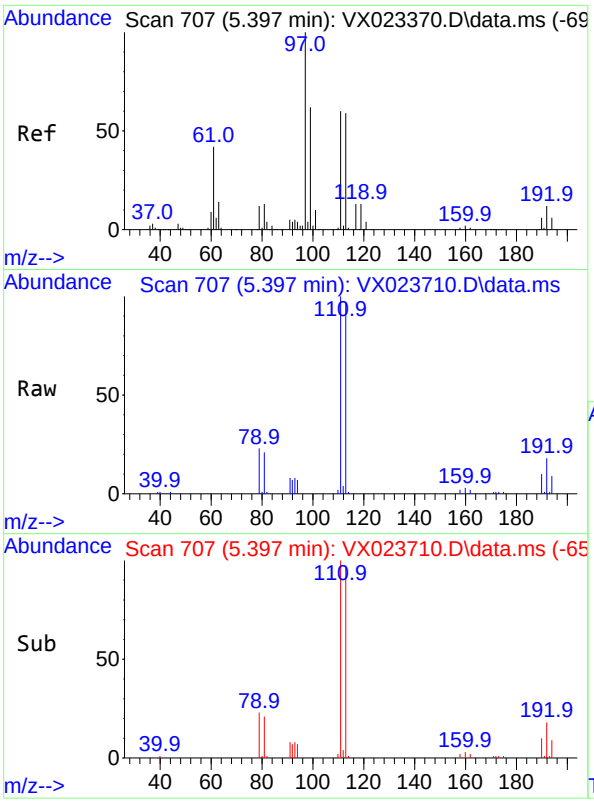
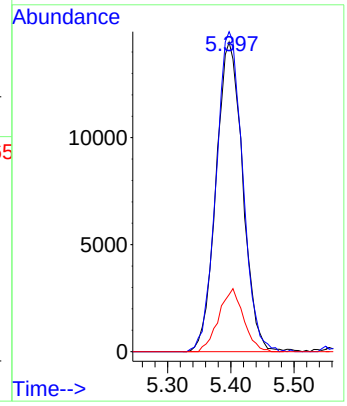
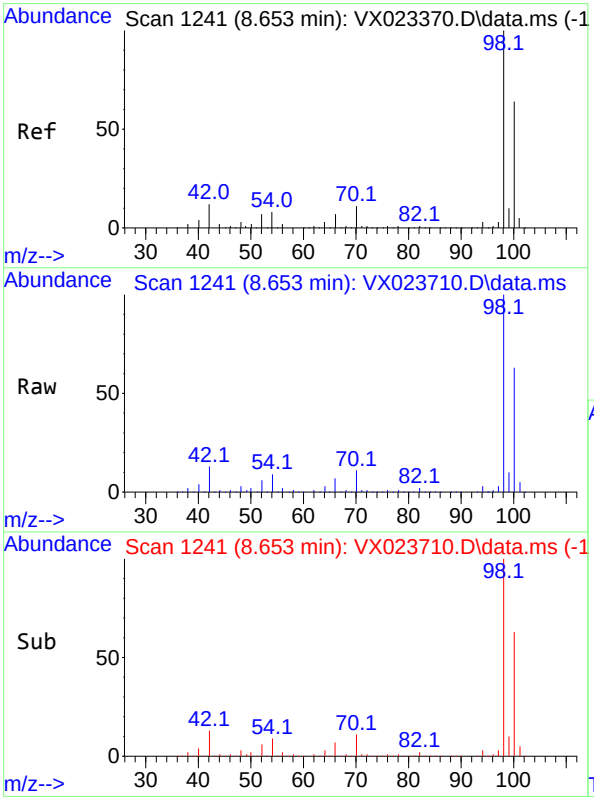



#35
Dibromofluoromethane
Concen: 25.794 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023710.D
Acq: 14 Aug 2021 00:04

Tgt Ion:113 Resp: 42209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.2 | 81.9 | 122.9 |
| 192 | 19.0 | 16.7 | 25.1 |

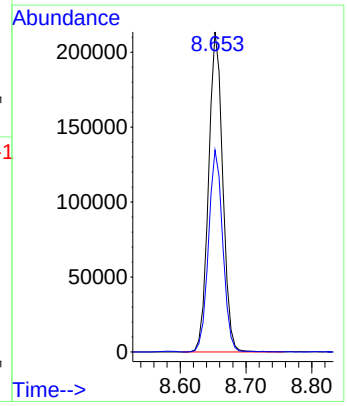



#50
Toluene-d8
Concen: 53.139 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023710.D
Acq: 14 Aug 2021 00:04

Tgt Ion: 98 Resp: 319470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.6 | 51.9 | 77.9 |



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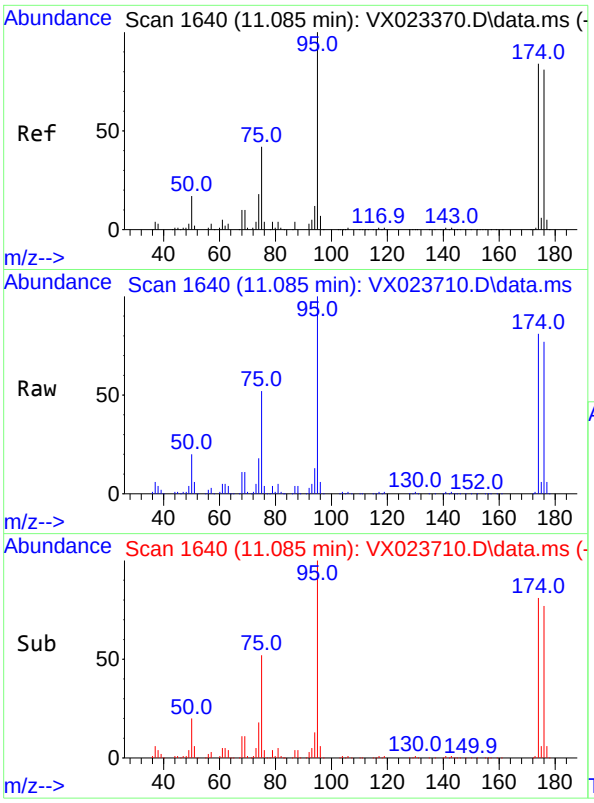
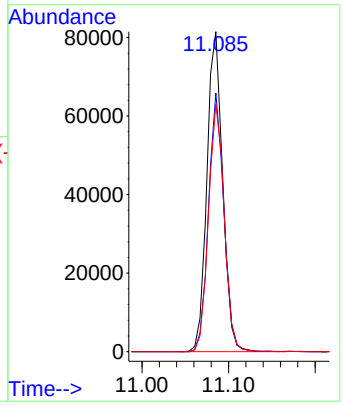
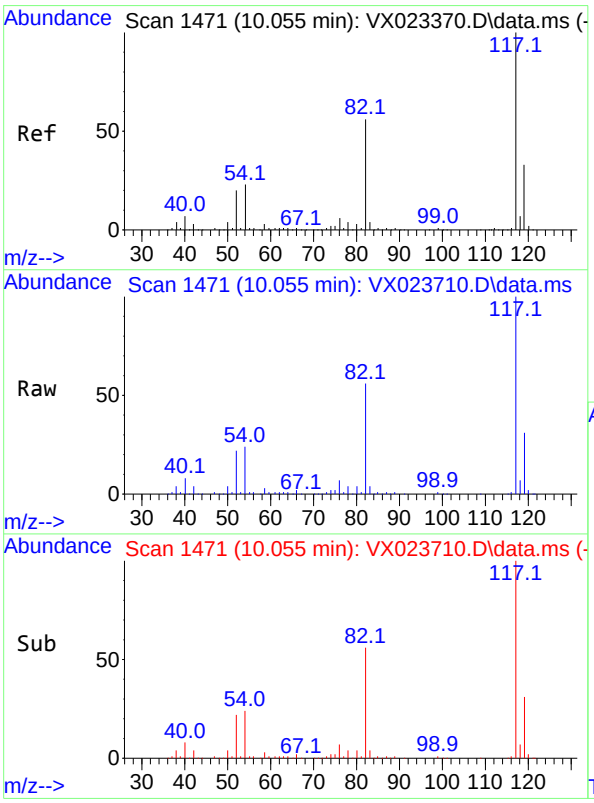



#62
4-Bromofluorobenzene
Concen: 50.347 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023710.D
Acq: 14 Aug 2021 00:04

Tgt Ion: 95 Resp: 102925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 79.1 | 0.0 | 154.6 |
| 176 | 77.2 | 0.0 | 155.8 |

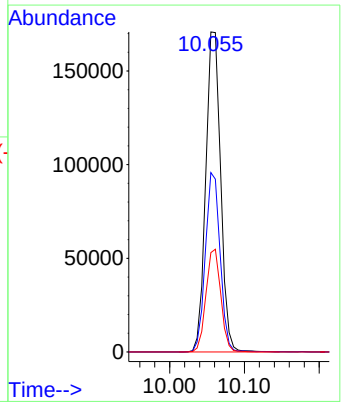


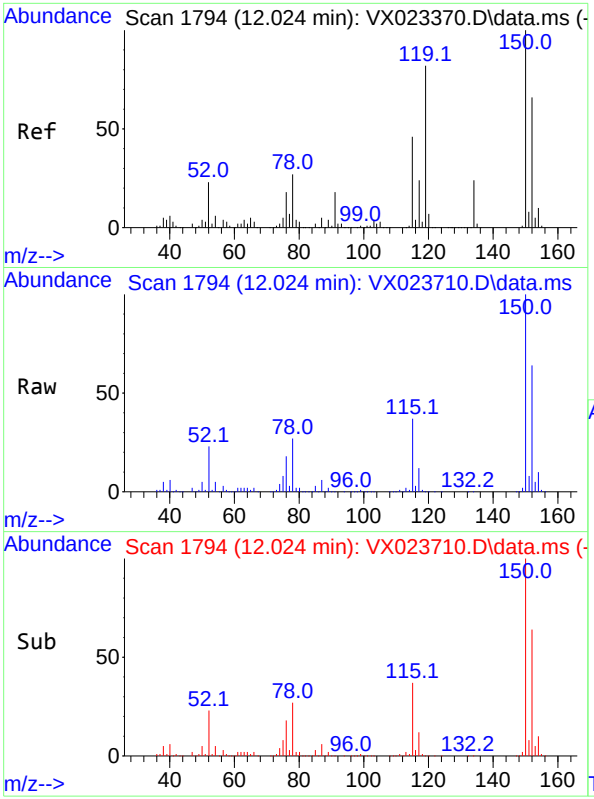




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023710.D
Acq: 14 Aug 2021 00:04

Tgt Ion:117 Resp: 236688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.1 | 47.4 | 71.2 |
| 119 | 31.1 | 26.6 | 39.8 |

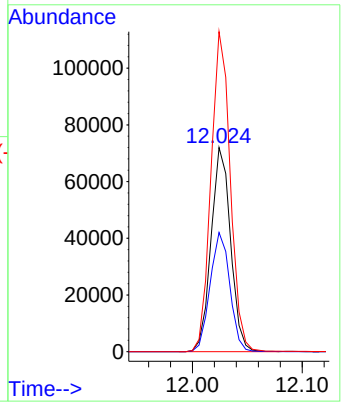





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023710.D
Acq: 14 Aug 2021 00:04

Tgt Ion:152 Resp: 89092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.1 | 41.1 | 123.3 |
| 150 | 155.3 | 0.0 | 349.0 |




**Instrument :**
MSVOA_X
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