Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042220\
Data File : VX015852.D
Acq On : 22 Apr 2020 19:17
Operator : JC/SP
Sample : L2379-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** SS037TW143-200420

Quant Time: Apr 23 12:14:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.64 | 168 | 883749 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.84 | 114 | 1386198 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.10 | 117 | 1345452 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 734246 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.04 | 65 | 503559 | 50.10 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.20% | | | |
| 35) Dibromofluoromethane | 5.47 | 113 | 401371 | 50.16 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.32% | | | |
| 50) Toluene-d8 | 8.70 | 98 | 1647144 | 51.14 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.28% | | | |
| 62) 4-Bromofluorobenzene | 11.12 | 95 | 698313 | 52.85 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.70% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 27) cis-1,2-Dichloroethene | 4.57 | 96 | 97139 | 9.963 | ug/l | 90 |
| 44) Trichloroethene | 7.18 | 130 | 16403 | 1.261 | ug/l | 71 |
| 64) Tetrachloroethene | 9.32 | 164 | 31186 | 1.720 | ug/l | 98 |

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

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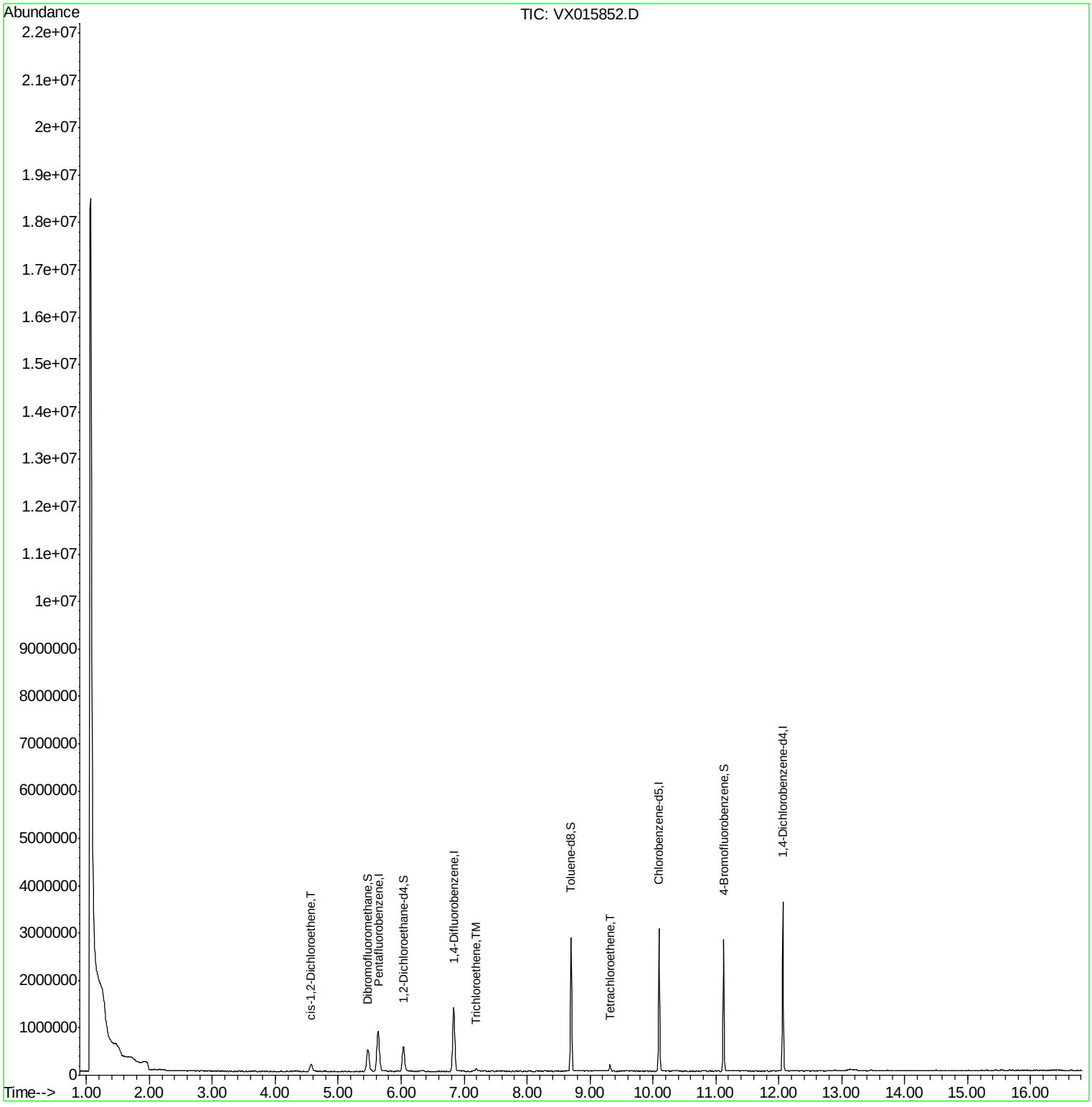
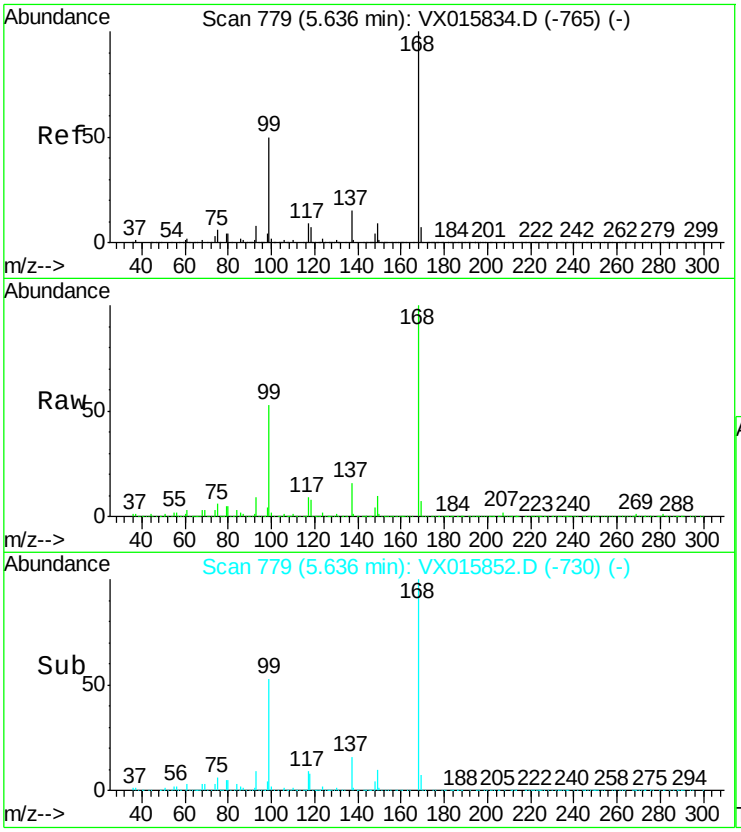


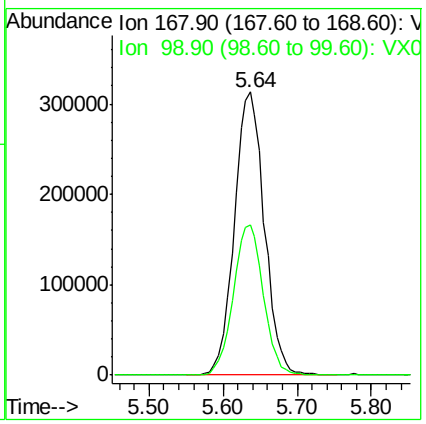


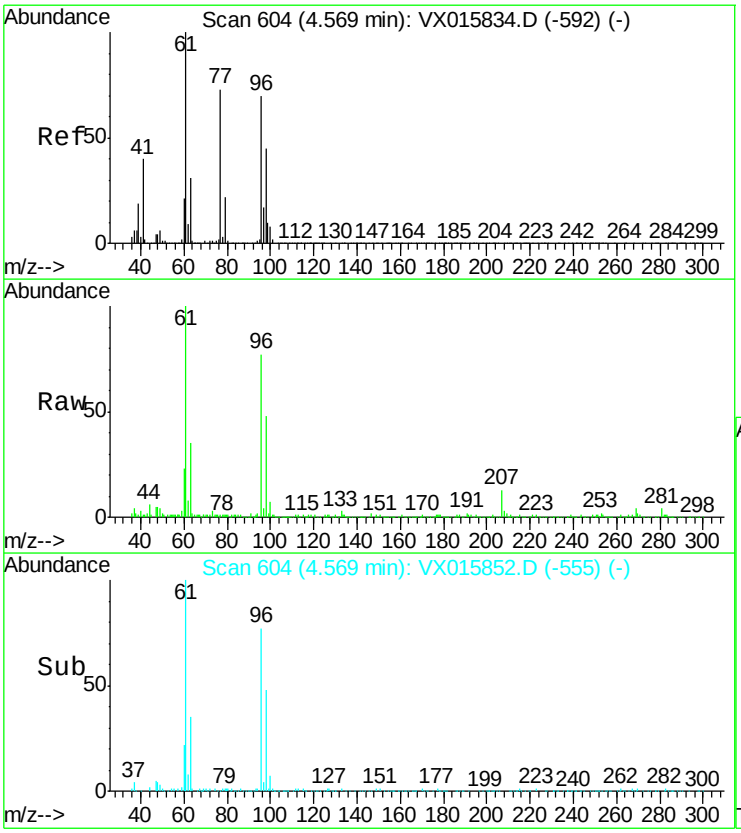

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 779
Delta R.T. 0.00 min
Lab File: VX015852.D
Acq: 22 Apr 2020 19:17

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037TW143-200420

Tgt Ion:168 Resp: 883749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 53.0 | 40.3 | 60.5 |

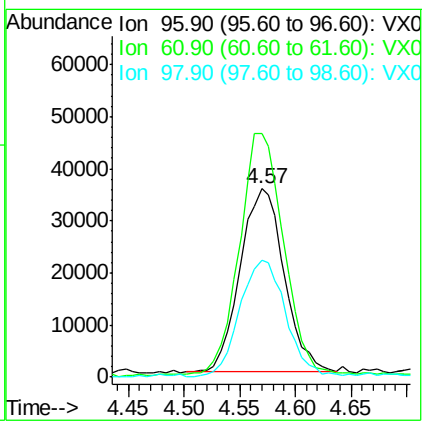


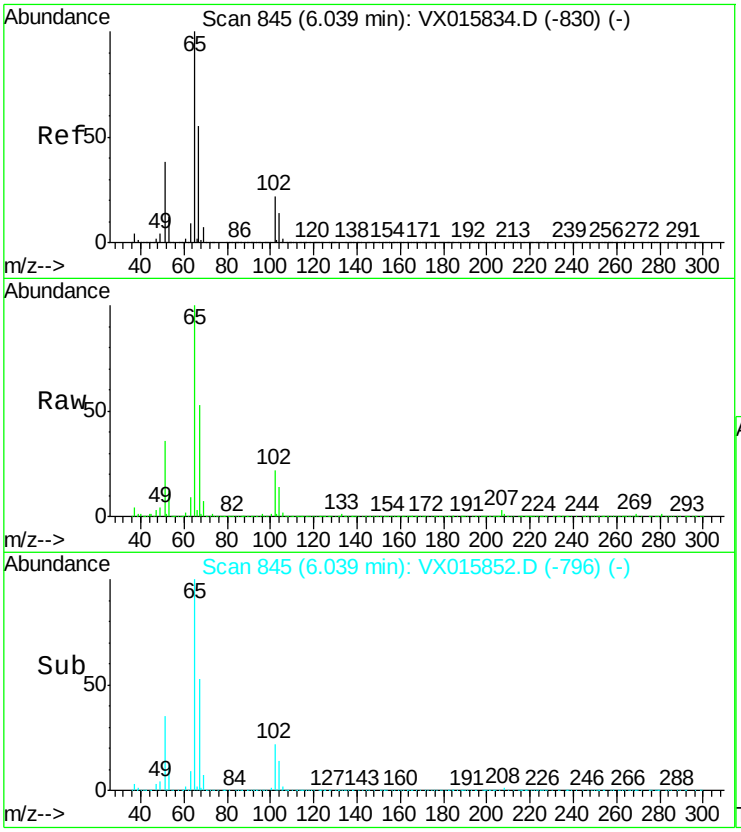




#27
cis-1,2-Dichloroethene
Concen: 9.963 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX015852.D
Acq: 22 Apr 2020 19:17

Tgt Ion: 96 Resp: 97139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 131.5 | 0.0 | 299.4 |
| 98 | 65.8 | 0.0 | 129.6 |



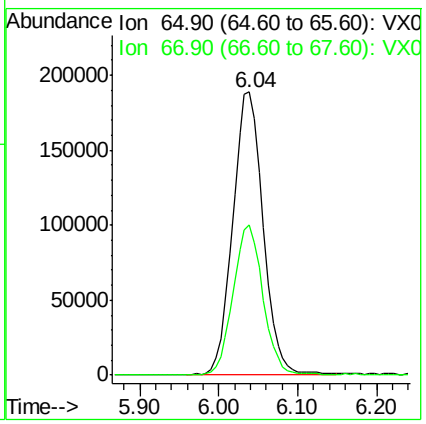


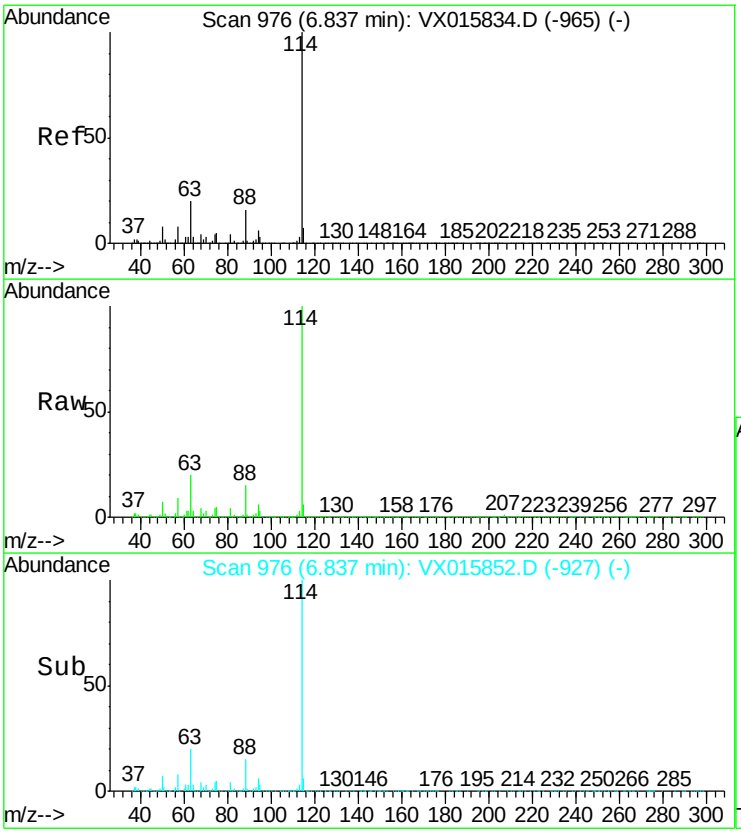

#33
1,2-Dichloroethane-d4
Concen: 50.099 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.00 min
Lab File: VX015852.D
Acq: 22 Apr 2020 19:17

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037TW143-200420

Tgt Ion: 65 Resp: 503559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.0 | 0.0 | 104.2 |

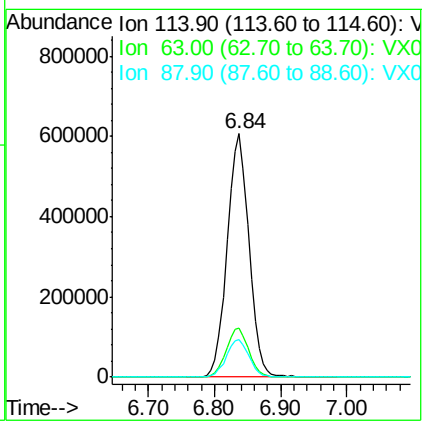


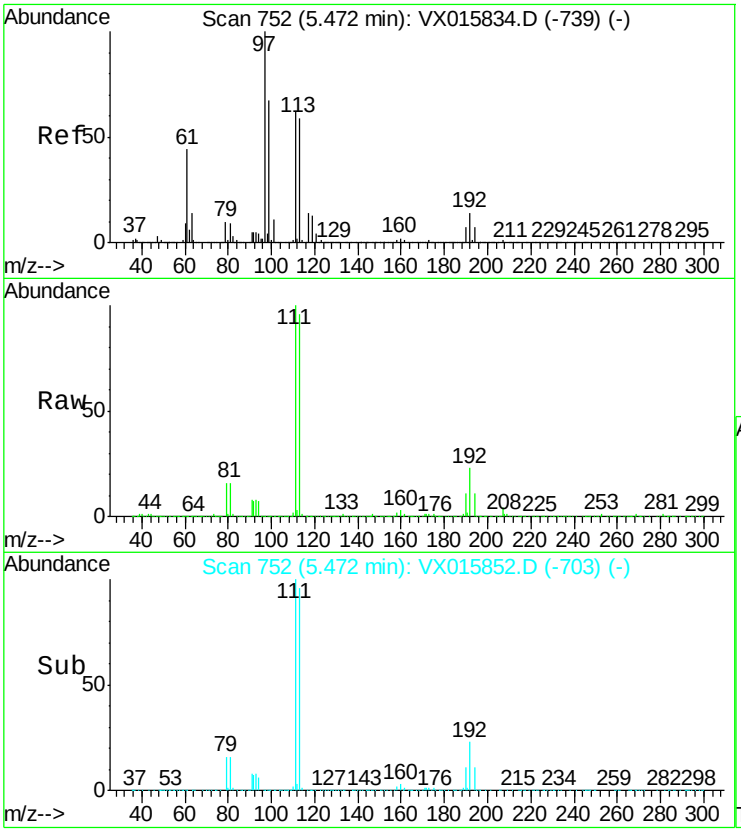




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. 0.00 min
Lab File: VX015852.D
Acq: 22 Apr 2020 19:17

Tgt Ion:114 Resp: 1386198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.2 | 0.0 | 40.6 |
| 88 | 15.4 | 0.0 | 32.8 |



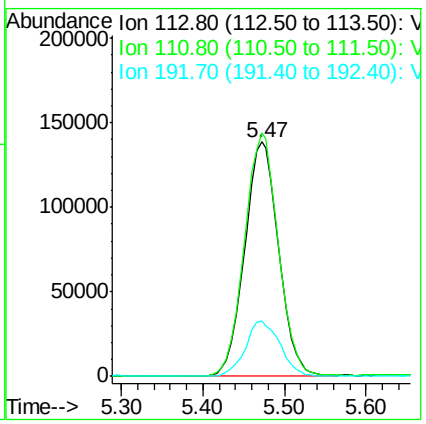


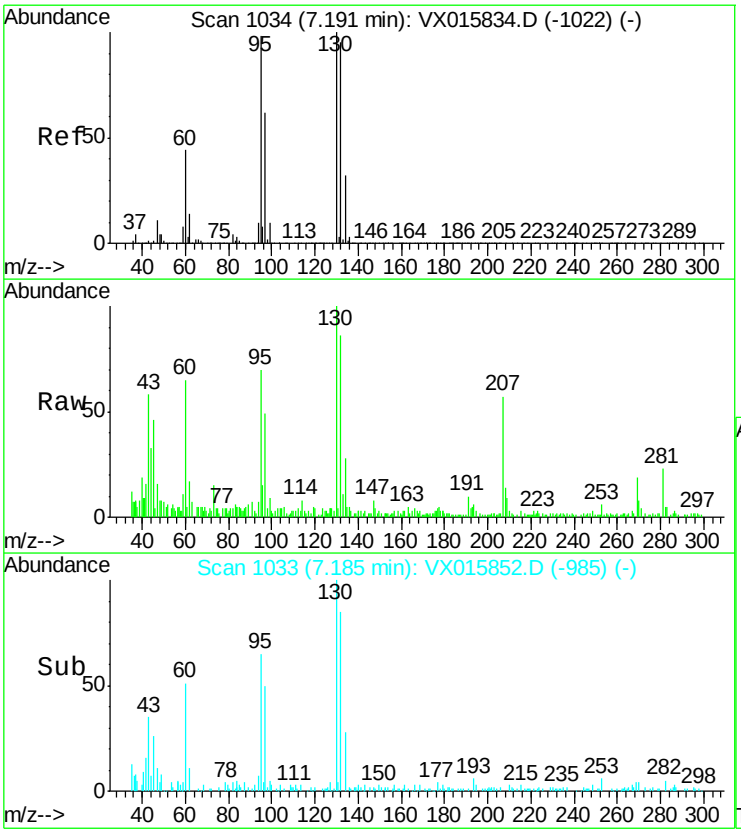

#35
Dibromofluoromethane
Concen: 50.162 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015852.D
Acq: 22 Apr 2020 19:17

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037TW143-200420

Tgt Ion:113 Resp: 401371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.5 | 82.7 | 124.1 |
| 192 | 24.2 | 19.3 | 28.9 |

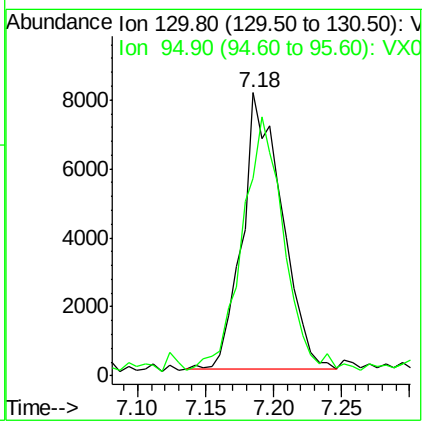


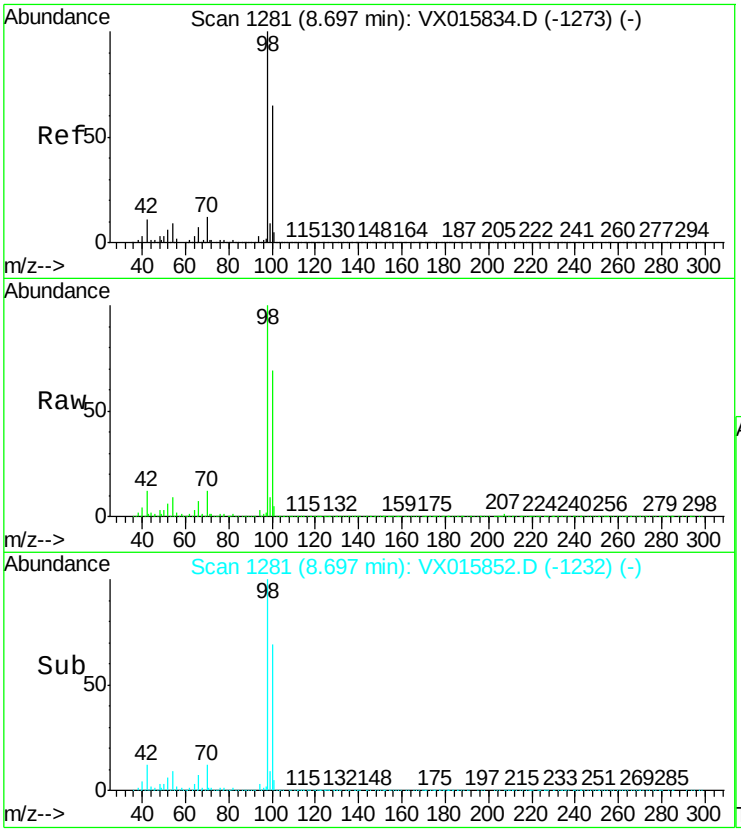




#44
Trichloroethene
Concen: 1.261 ug/l
RT: 7.18 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX015852.D
Acq: 22 Apr 2020 19:17

Tgt Ion:130 Resp: 16403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 69.6 | 0.0 | 195.8 |



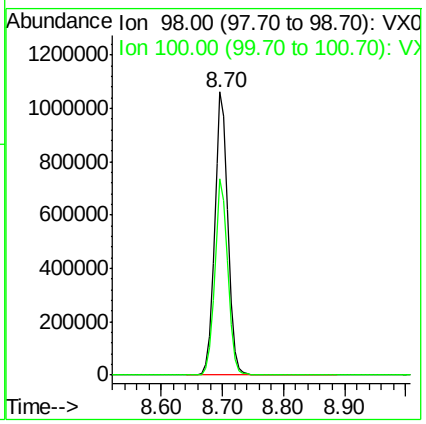


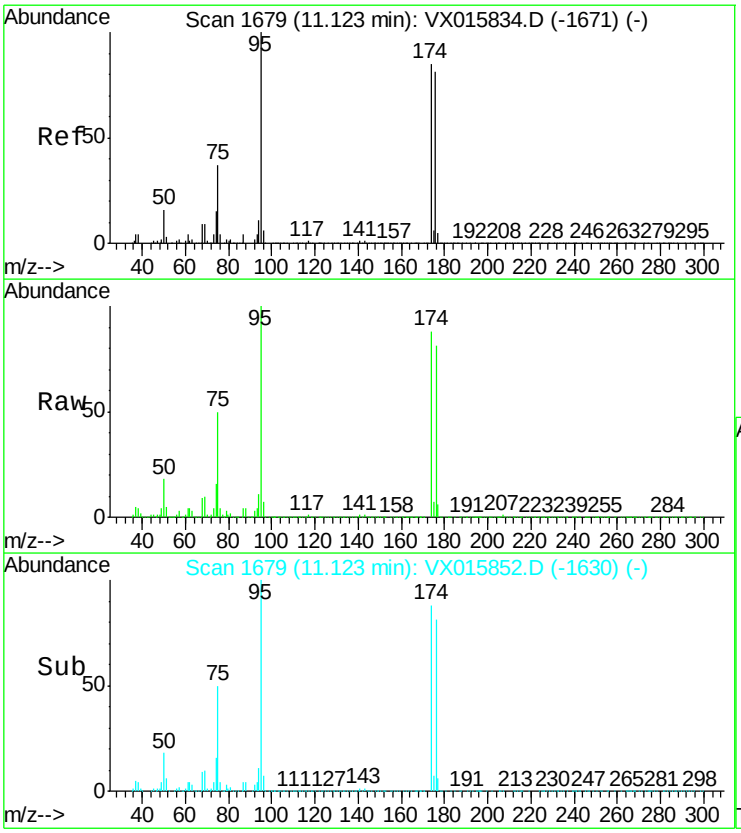

#50
Toluene-d8
Concen: 51.136 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015852.D
Acq: 22 Apr 2020 19:17

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037TW143-200420

Tgt Ion: 98 Resp: 1647144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.8 | 53.8 | 80.6 |

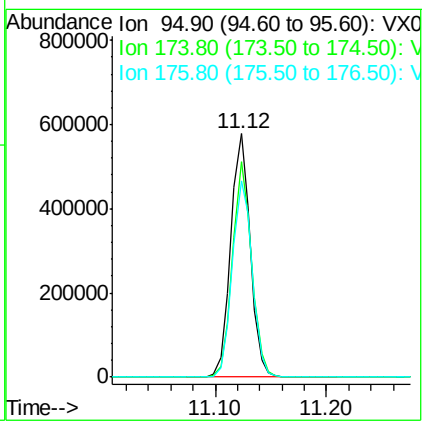


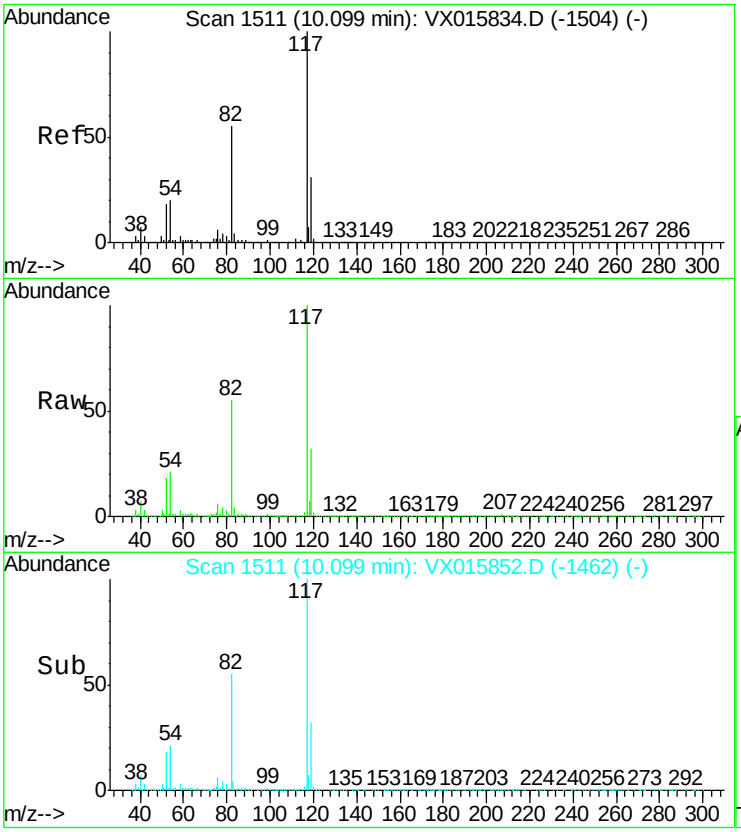




#62
4-Bromofluorobenzene
Concen: 52.847 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015852.D
Acq: 22 Apr 2020 19:17

Tgt Ion: 95 Resp: 698313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 86.6 | 0.0 | 172.4 |
| 176 | 82.7 | 0.0 | 167.0 |



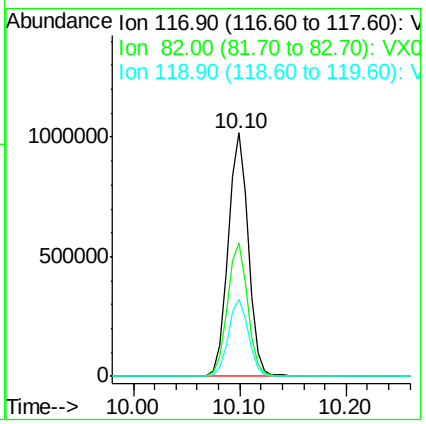


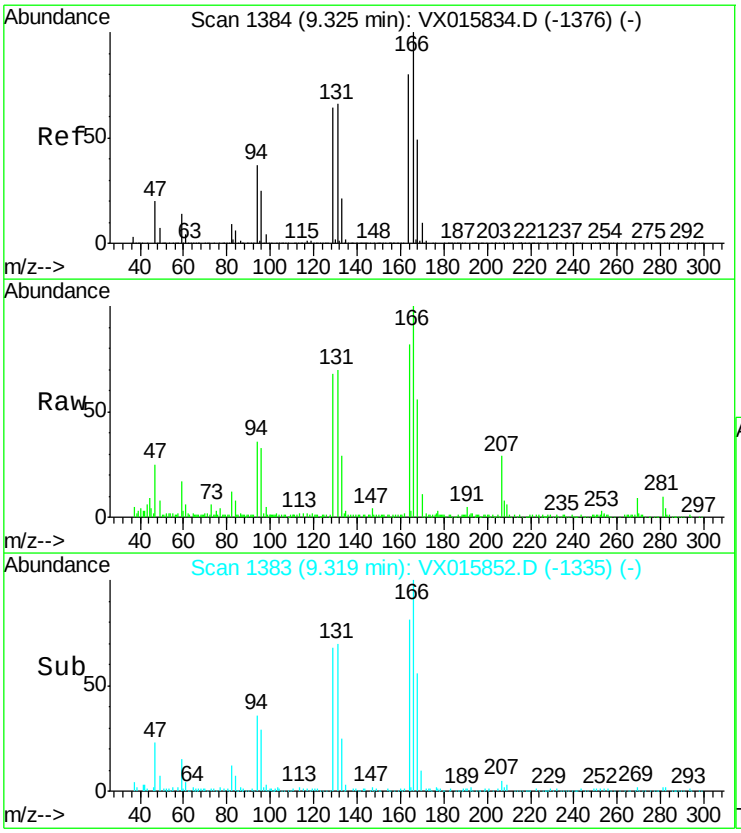

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015852.D
Acq: 22 Apr 2020 19:17

**Instrument :** MSVOA_X
**ClientSampleId :** SS037TW143-200420

Tgt Ion:117 Resp: 1345452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.6 | 43.9 | 65.9 |
| 119 | 31.8 | 25.1 | 37.7 |

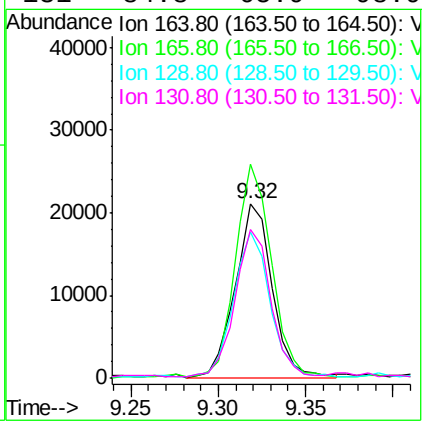


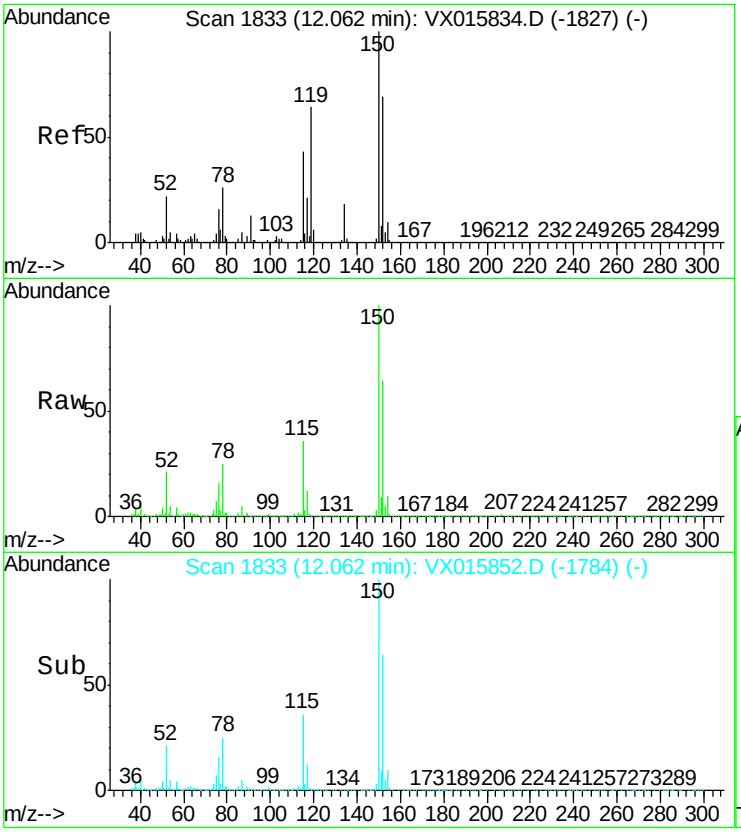




#64
Tetrachloroethene
Concen: 1.720 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015852.D
Acq: 22 Apr 2020 19:17

Tgt Ion:164 Resp: 31186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 123.4 | 100.2 | 150.2 |
| 129 | 83.8 | 64.5 | 96.7 |
| 131 | 84.8 | 65.9 | 98.9 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015852.D
Acq: 22 Apr 2020 19:17

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS037TW143-200420

Tgt Ion:152 Resp: 734246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 56.0 | 39.0 | 116.9 |
| 150 | 156.8 | 0.0 | 336.8 |