Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082718\
Data File : VV007213.D
Acq On : 27 Aug 2018 14:23
Operator : SY/MD
Sample : VV0827WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :**

Quant Time: Aug 28 01:41:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 28 01:40:53 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 347925 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 342043 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 137411 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 122293 | 5.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 100.60% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 99138 | 5.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 100.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 162918 | 3.69 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 73.80% | | | |
| 20) 2-Butanone-d5 | 3.97 | 46 | 250248 | 44.26 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 88.52% | | | |
| 24) Chloroform-d | 4.40 | 84 | 222423 | 4.53 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 90.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.09 | 65 | 107989 | 4.56 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 91.20% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 457906 | 4.76 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 95.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 146090 | 4.66 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 93.20% | | | |
| 41) Toluene-d8 | 7.37 | 98 | 358565 | 4.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 83.80% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 47120 | 4.32 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 86.40% | | | |
| 46) 2-Hexanone-d5 | 8.15 | 63 | 81718 | 25.17 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 50.34% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27 | 84 | 95671 | 4.17 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 83.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 126132 | 4.82 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 96.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.21 | 43 | 3157 | 0.971 | ug/L | 68 |
| 35) Methylcyclohexane | 6.12 | 83 | 34751 | 0.855 | ug/L # | 17 |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 14461 | 0.474 | ug/L # | 87 |
| 40) 4-Methyl-2-pentanone | 7.30 | 43 | 3593 | 0.242 | ug/L # | 90 |
| 48) 2-Hexanone | 8.20 | 43 | 46679 | 4.184 | ug/L # | 82 |
| 66) 1,2-Dibromo-3-chloropropan | 12.70 | 75 | 590 | 0.231 | ug/L # | 5 |
| 69) Naphthalene | 13.56 | 128 | 6409 | 0.219 | ug/L # | 91 |

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082718\
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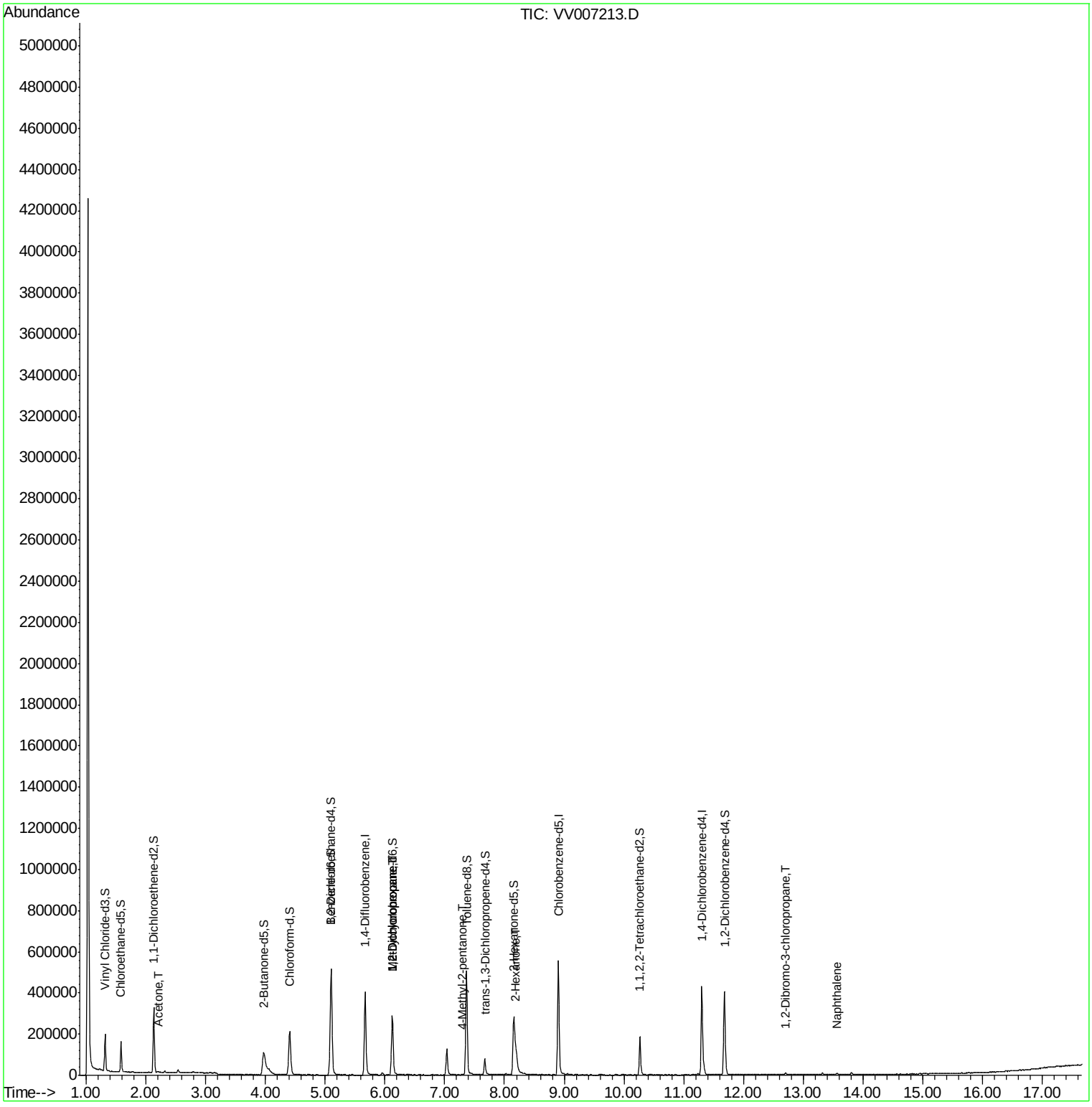
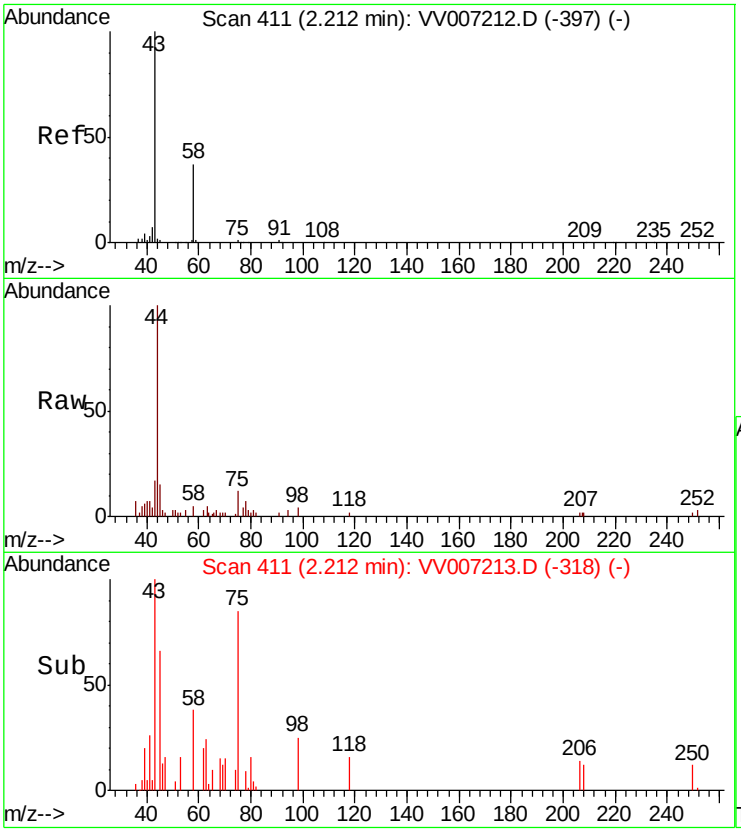
Acq On : 27 Aug 2018 14:23
Operator : SY/MD
Sample : VV0827WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**

Quant Time: Aug 28 01:41:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 28 01:40:53 2018
Response via : Initial Calibration



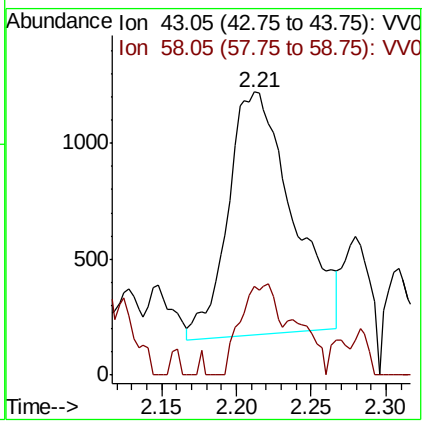


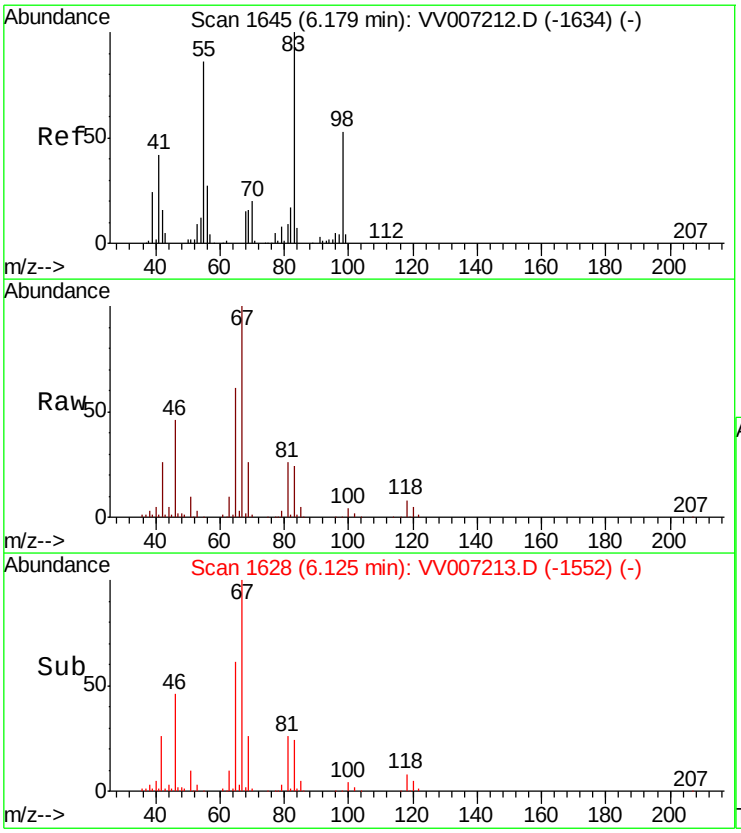

#13
Acetone
Concen: 0.971 ug/L
RT: 2.21 min Scan# 411
Delta R.T. 0.00 min
Lab File: VV007213.D
Acq: 27 Aug 2018 14:23

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion: 43 Resp: 3157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 21.3 | 0.0 | 82.2 |

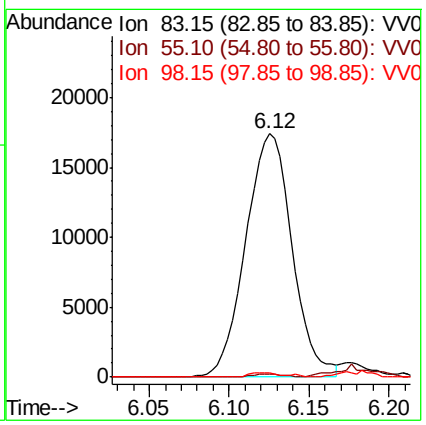


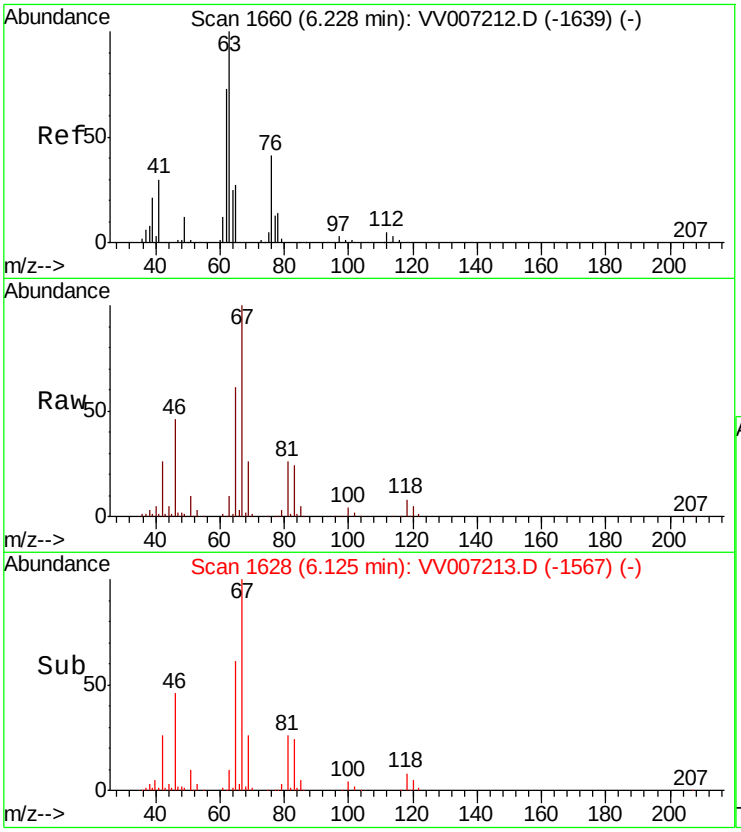




#35
Methylcyclohexane
Concen: 0.855 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007213.D
Acq: 27 Aug 2018 14:23

Tgt Ion: 83 Resp: 34751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.8 | 65.5 | 98.3# |
| 98 | 1.0 | 38.5 | 57.7# |



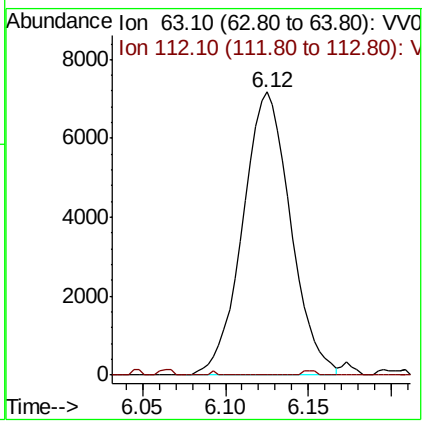


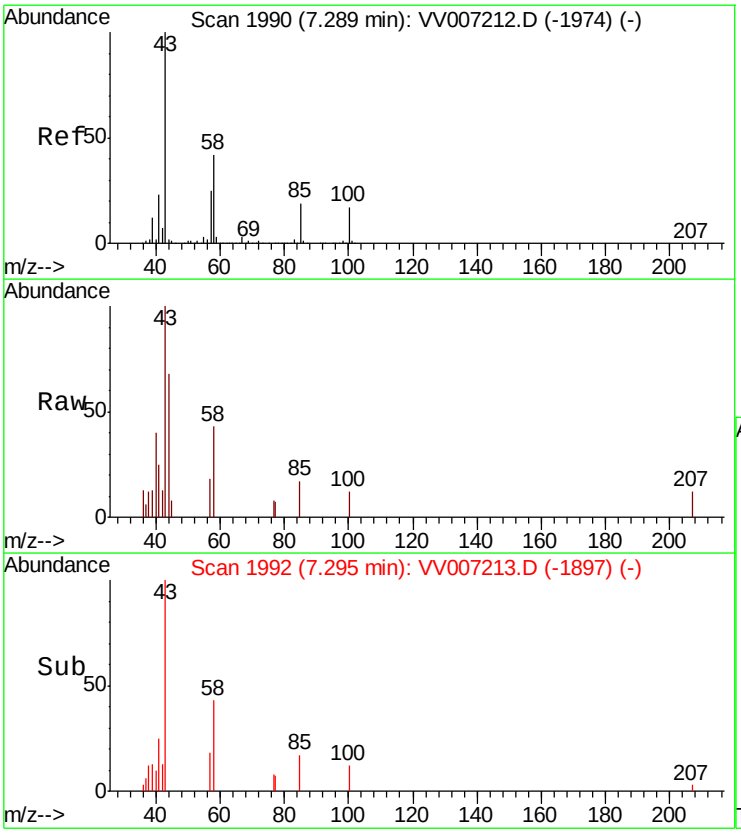

#37
1,2-Dichloropropane
Concen: 0.474 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV007213.D
Acq: 27 Aug 2018 14:23

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion: 63 Resp: 14461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.4 | 3.8 | 5.8# |

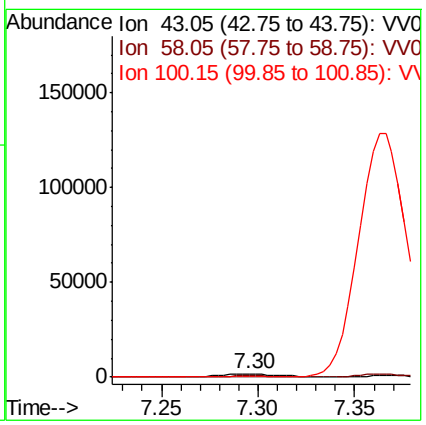


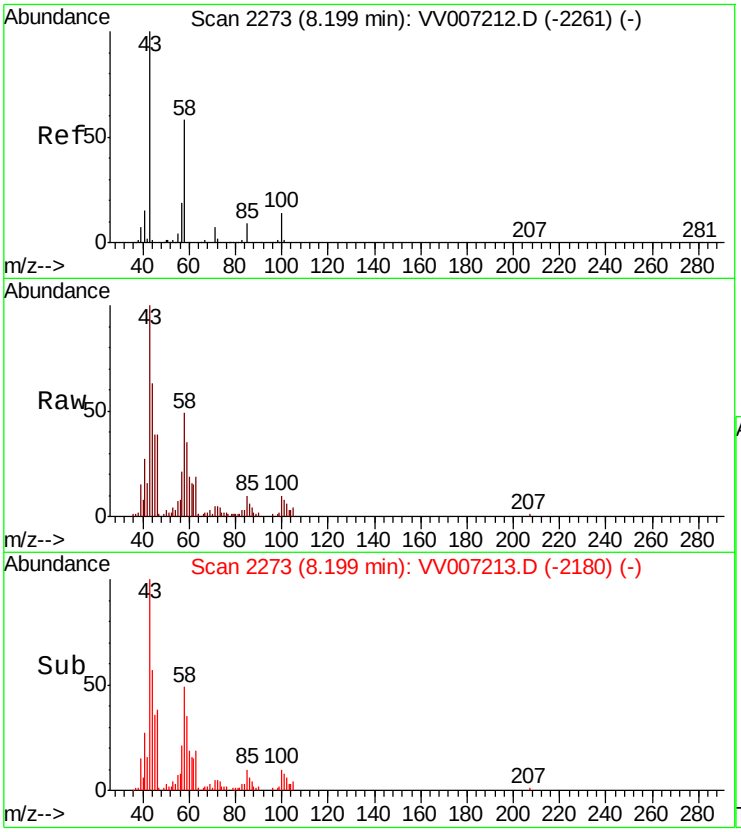




#40
4-Methyl-2-pentanone
Concen: 0.242 ug/L
RT: 7.30 min Scan# 1992
Delta R.T. 0.01 min
Lab File: VV007213.D
Acq: 27 Aug 2018 14:23

Tgt Ion: 43 Resp: 3593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.4 | 32.2 | 48.4 |
| 100 | 0.0 | 12.3 | 18.5# |



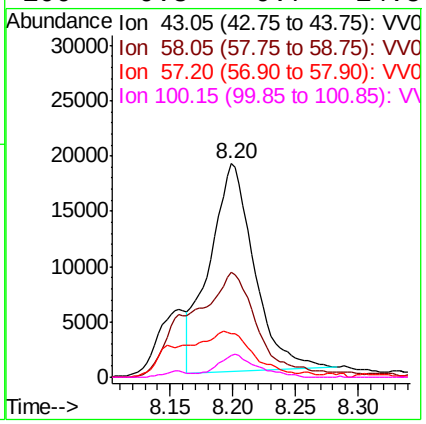


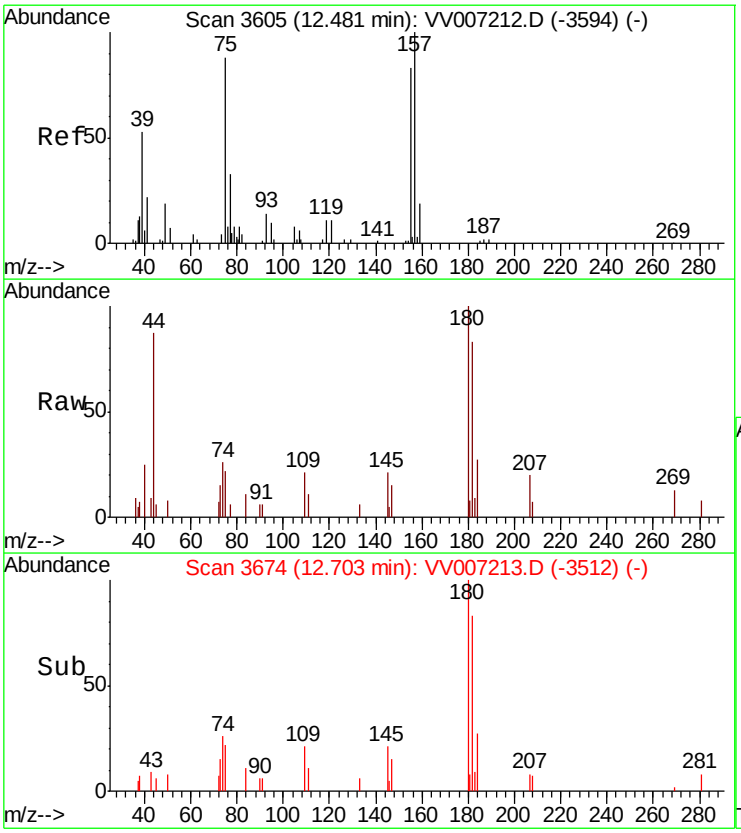

#48
2-Hexanone
Concen: 4.184 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV007213.D
Acq: 27 Aug 2018 14:23

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion: 43 Resp: 46679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 76.6 | 47.7 | 71.5# |
| 57 | 23.8 | 15.4 | 23.0# |
| 100 | 9.8 | 9.7 | 14.5 |

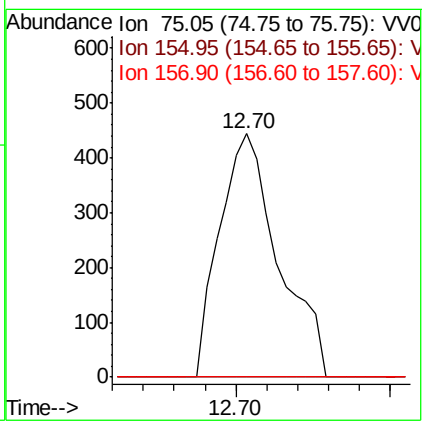


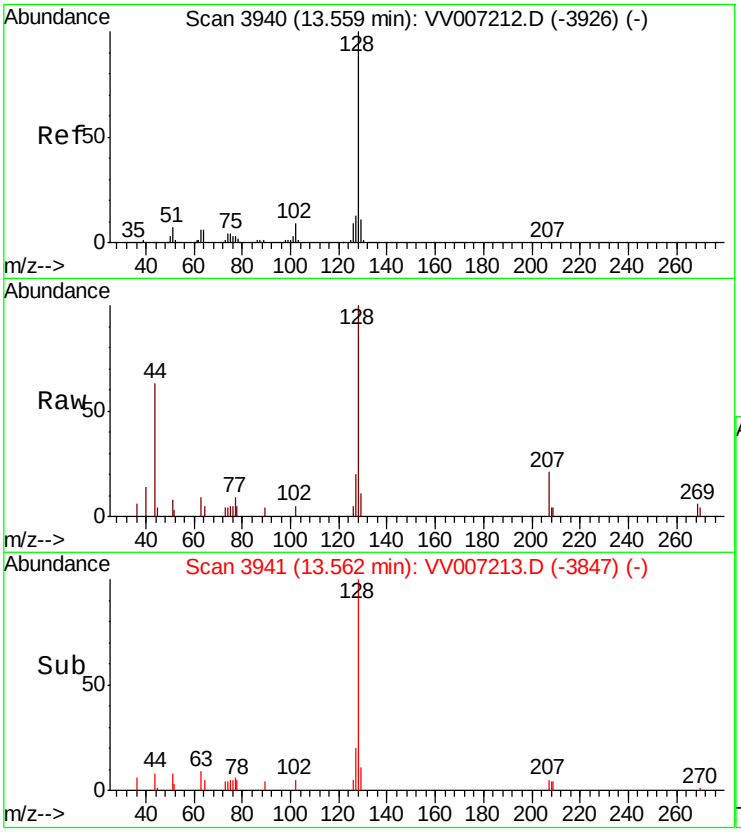




#66
1,2-Dibromo-3-chloropropane
Concen: 0.231 ug/L
RT: 12.70 min Scan# 3674
Delta R.T. 0.22 min
Lab File: VV007213.D
Acq: 27 Aug 2018 14:23

Tgt Ion: 75 Resp: 590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 62.7 | 94.1# |
| 157 | 0.0 | 79.7 | 119.5# |






#69
Naphthalene
Concen: 0.219 ug/L
RT: 13.56 min Scan# 3941
Delta R.T. 0.00 min
Lab File: VV007213.D
Acq: 27 Aug 2018 14:23

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion:128 Resp: 6409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 9.5 | 8.5 | 12.7 |
| 127 | 18.9 | 10.8 | 16.2# |