Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050219\
Data File : VX009279.D
Acq On : 02 May 2019 17:38
Operator : JC/SP
Sample : K2659-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** SS050MW612-190429

Quant Time: May 03 02:43:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.66 | 168 | 187719 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.86 | 114 | 304855 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.12 | 117 | 262812 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152 | 107621 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.07 | 65 | 124488 | 48.58 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.16% | | | |
| 35) Dibromofluoromethane | 5.50 | 113 | 92574 | 48.31 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.62% | | | |
| 50) Toluene-d8 | 8.71 | 98 | 379912 | 49.10 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.20% | | | |
| 62) 4-Bromofluorobenzene | 11.13 | 95 | 123528 | 43.94 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 87.88% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 10) Methyl Iodide | 2.51 | 142 | 106 | 4.641 | ug/l # | 42 |
| 11) Tert butyl alcohol | 3.02 | 59 | 675 | 1.138 | ug/l # | 73 |
| 13) Acrolein | 2.30 | 56 | 150 | 0.279 | ug/l # | 53 |
| 16) Acetone | 2.44 | 43 | 644 | 0.468 | ug/l # | 65 |
| 25) 2-Butanone | 4.70 | 43 | 440 | 0.206 | ug/l # | 53 |
| 27) cis-1,2-Dichloroethene | 4.60 | 96 | 531 | 0.233 | ug/l | 57 |
| 28) Bromochloromethane | 4.99 | 49 | 83 | Below Cal # | | 20 |
| 31) Cyclohexane | 5.66 | 56 | 4380 | 1.156 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 5.66 | 75 | 14811 | 5.228 | ug/l # | 50 |
| 38) Carbon Tetrachloride | 5.66 | 117 | 17688 | 6.872 | ug/l # | 15 |
| 44) Trichloroethene | 7.22 | 130 | 3901 | 1.840 | ug/l | 96 |
| 49) 1,4-Dioxane | 7.55 | 88 | 19 | 0.299 | ug/l # | 1 |
| 60) Dibromochloromethane | 9.33 | 129 | 4986 | 2.348 | ug/l # | 11 |
| 64) Tetrachloroethene | 9.33 | 164 | 5329 | 2.956 | ug/l | 98 |
| 76) 1,2,3-Trichloropropane | 11.13 | 75 | 63220 | 25.324 | ug/l # | 34 |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75 | 63220 | 64.796 | ug/l # | 10 |

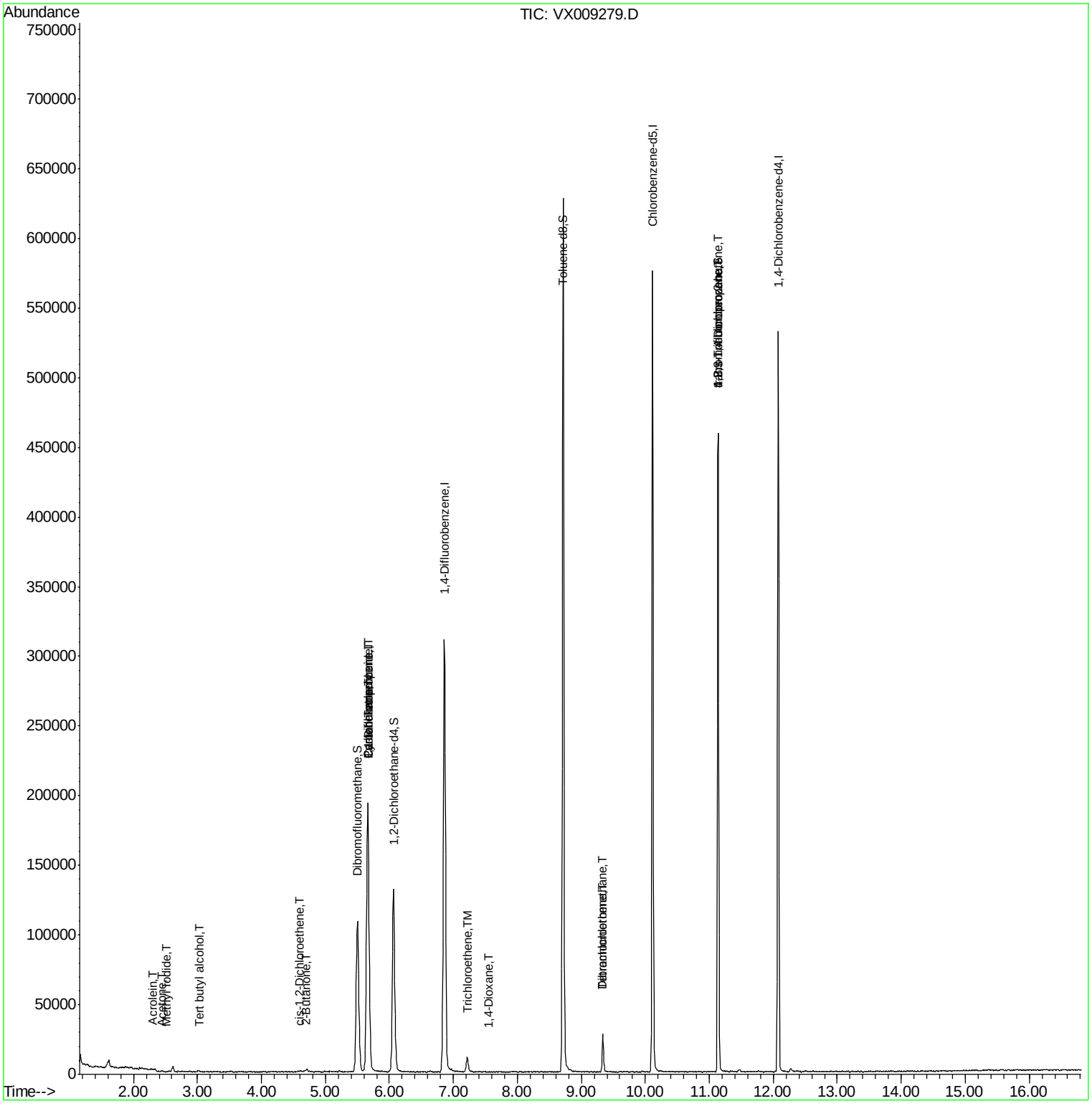
(#) = qualifier out of range (m) = manual integration (+) = signals summed

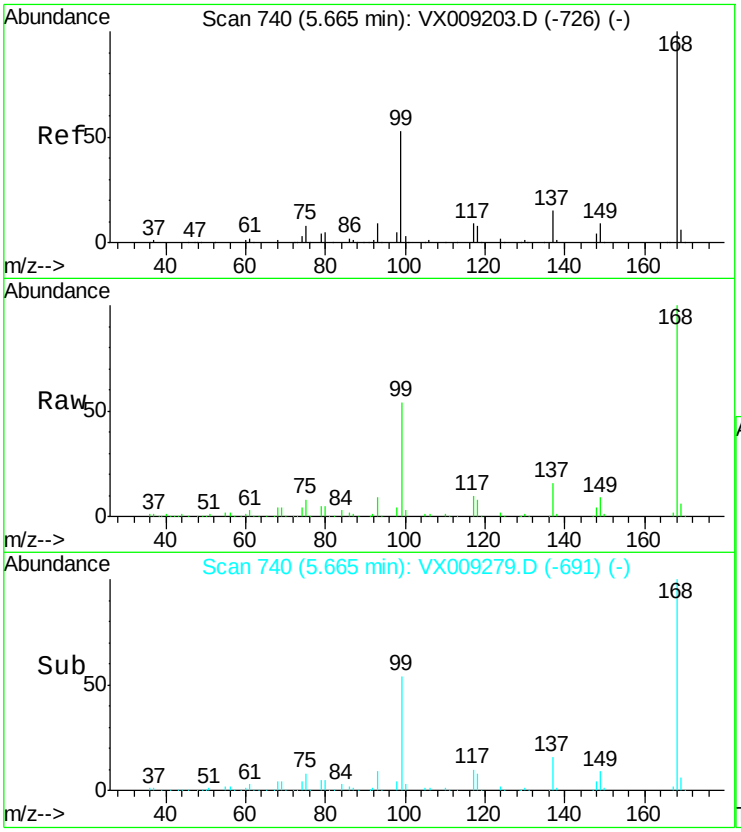
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050219\
Data File : VX009279.D
Acq On : 02 May 2019 17:38
Operator : JC/SP
Sample : K2659-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS050MW612-190429

Quant Time: May 03 02:43:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration



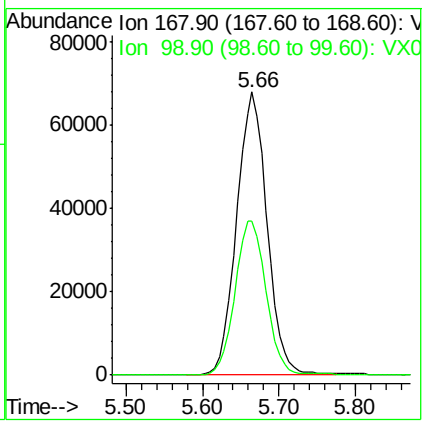


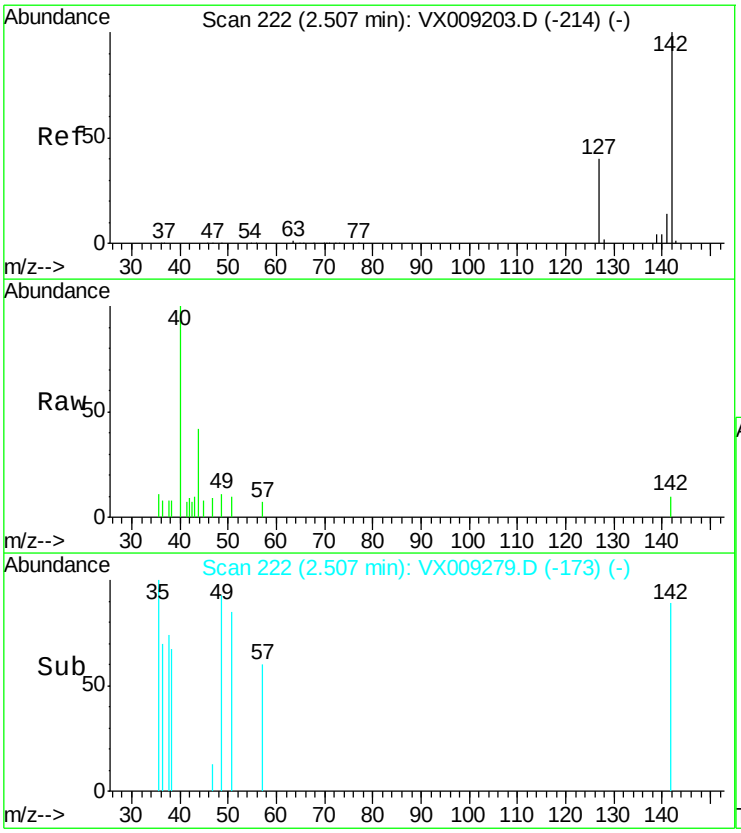

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS050MW612-190429

Tgt Ion:168 Resp: 187719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 54.4 | 42.3 | 63.5 |

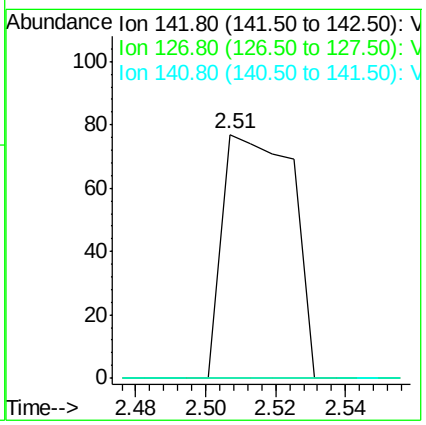


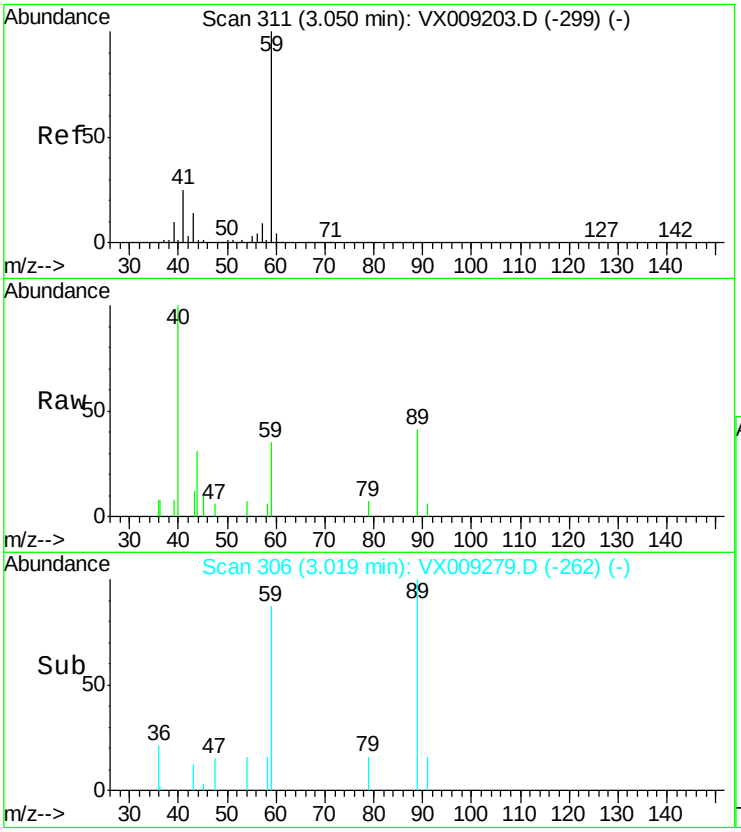




#10
Methyl Iodide
Concen: 4.641 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

Tgt Ion:142 Resp: 106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 0.0 | 32.7 | 49.1# |
| 141 | 0.0 | 11.5 | 17.3# |



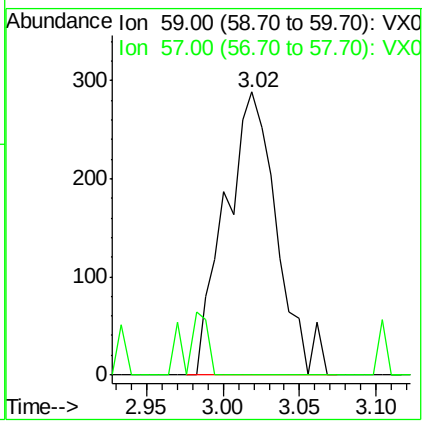


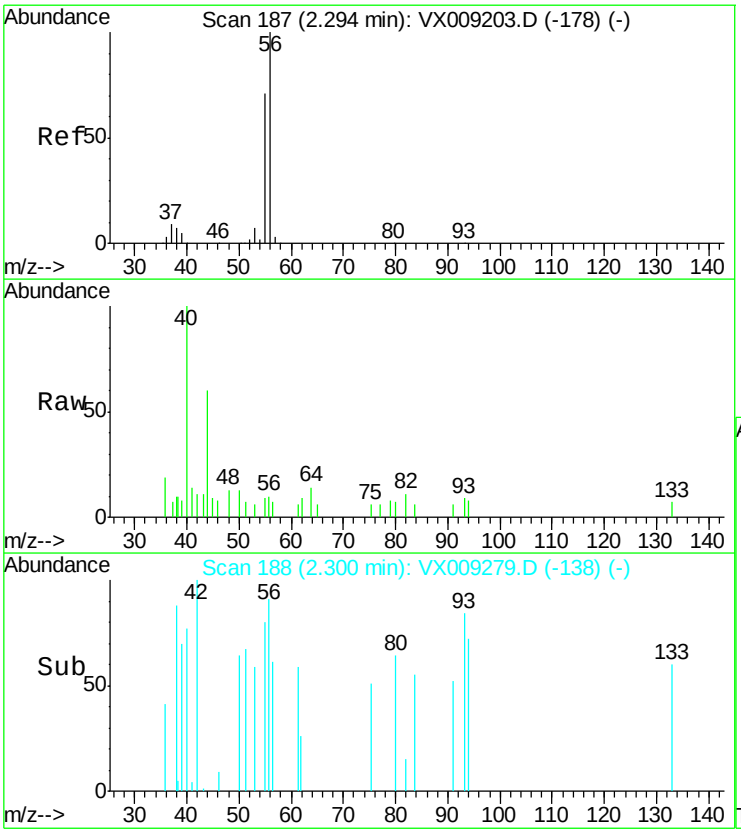

#11
Tert butyl alcohol
Concen: 1.138 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS050MW612-190429

Tgt Ion: 59 Resp: 675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.2 | 12.2# |

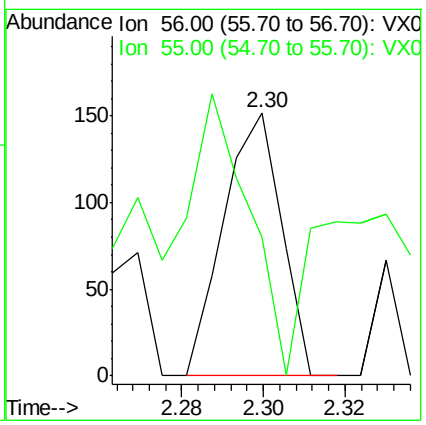


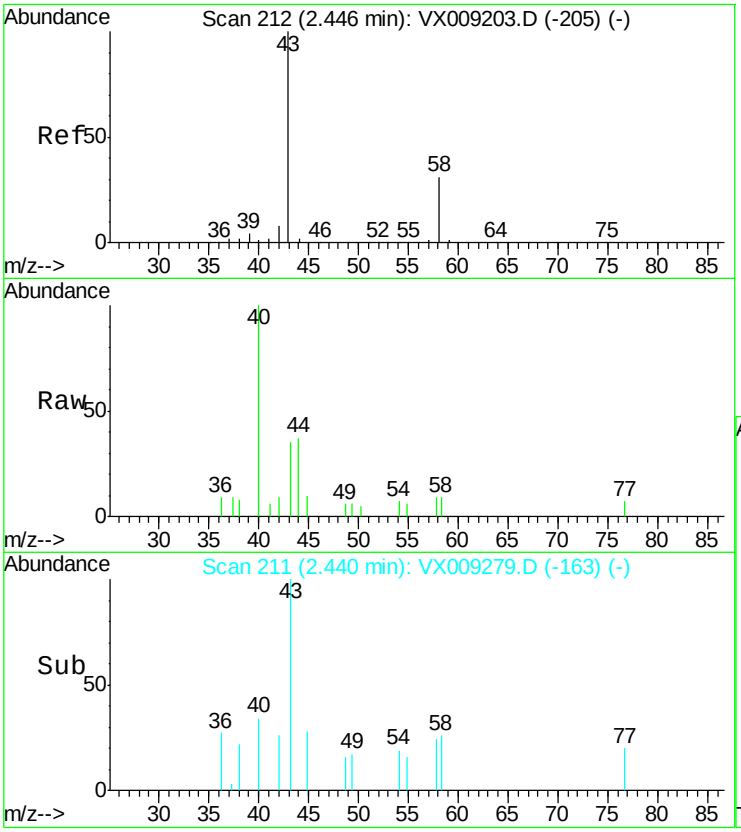




#13
Acrolein
Concen: 0.279 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

Tgt Ion: 56 Resp: 150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 109.3 | 56.6 | 85.0# |



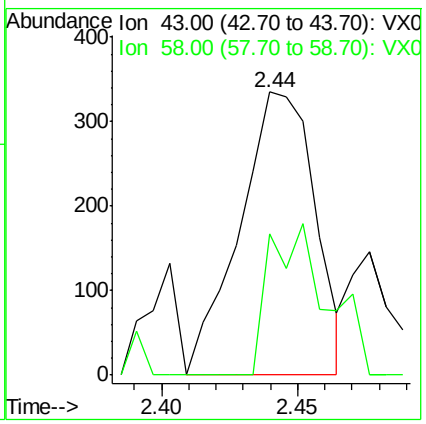


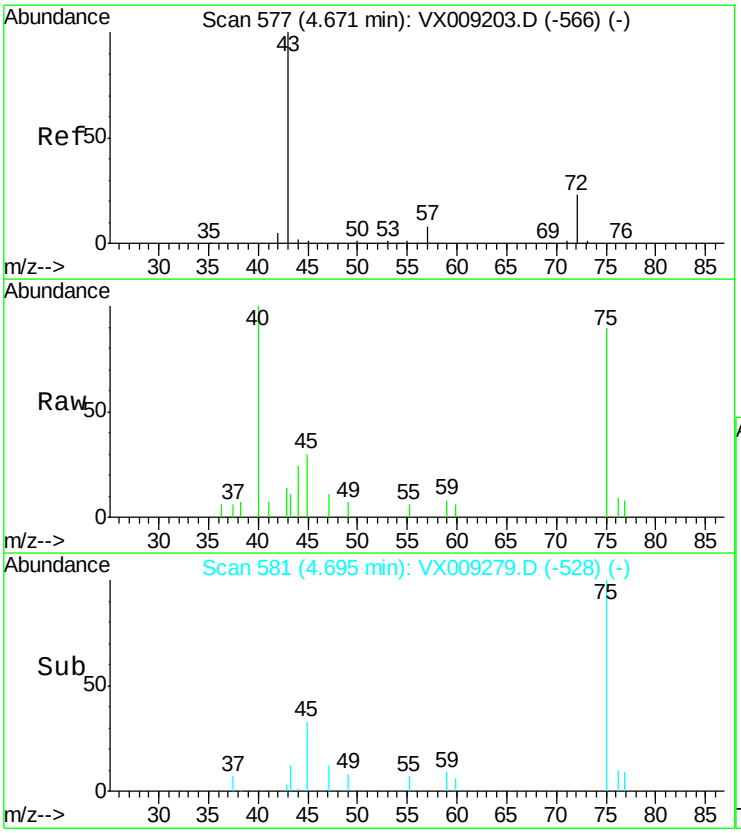

#16
Acetone
Concen: 0.468 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS050MW612-190429

Tgt Ion: 43 Resp: 644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 50.1 | 24.9 | 37.3# |

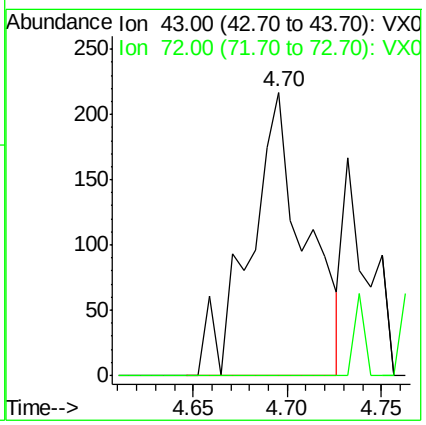


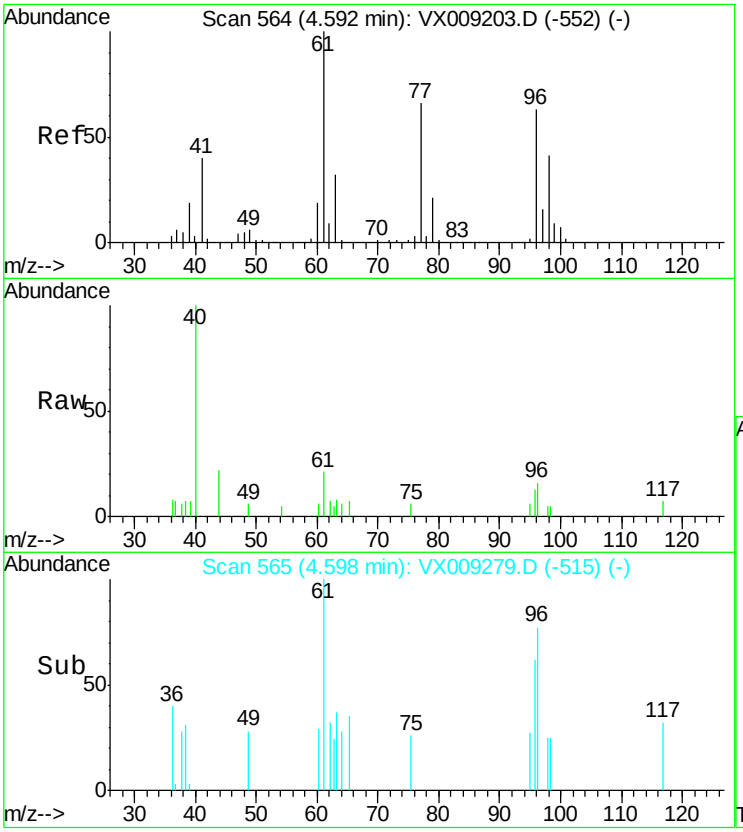




#25
2-Butanone
Concen: 0.206 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.02 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

Tgt Ion: 43 Resp: 440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 18.2 | 27.2# |



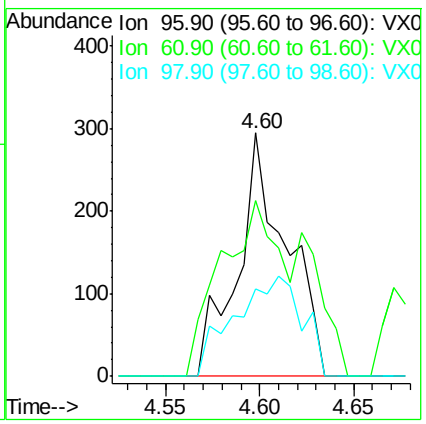


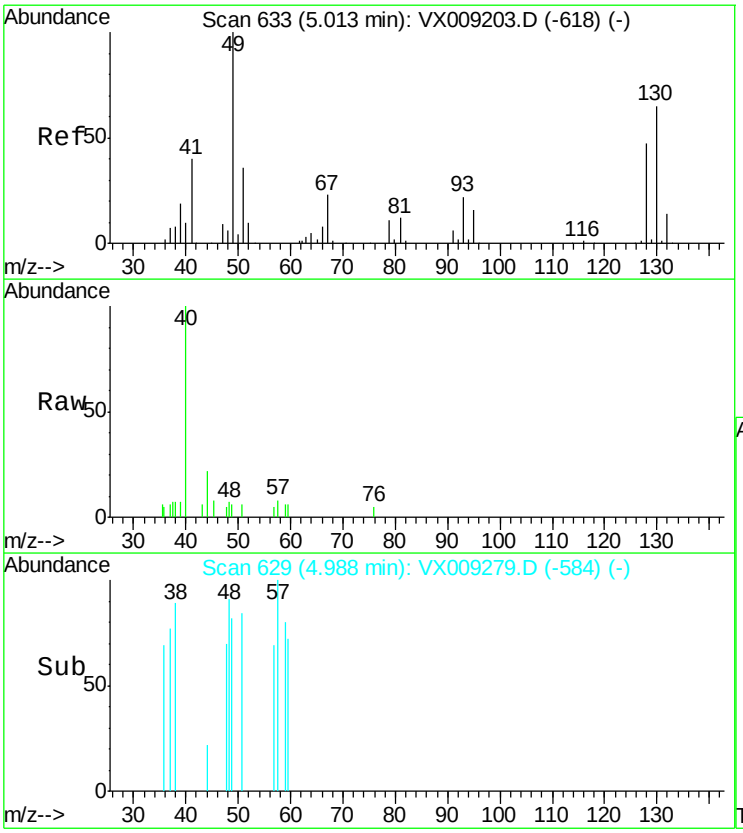

#27
cis-1,2-Dichloroethene
Concen: 0.233 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS050MW612-190429

Tgt Ion: 96 Resp: 531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 88.1 | 0.0 | 324.0 |
| 98 | 56.7 | 0.0 | 130.4 |

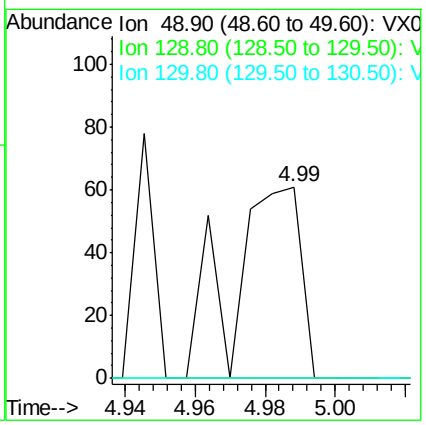


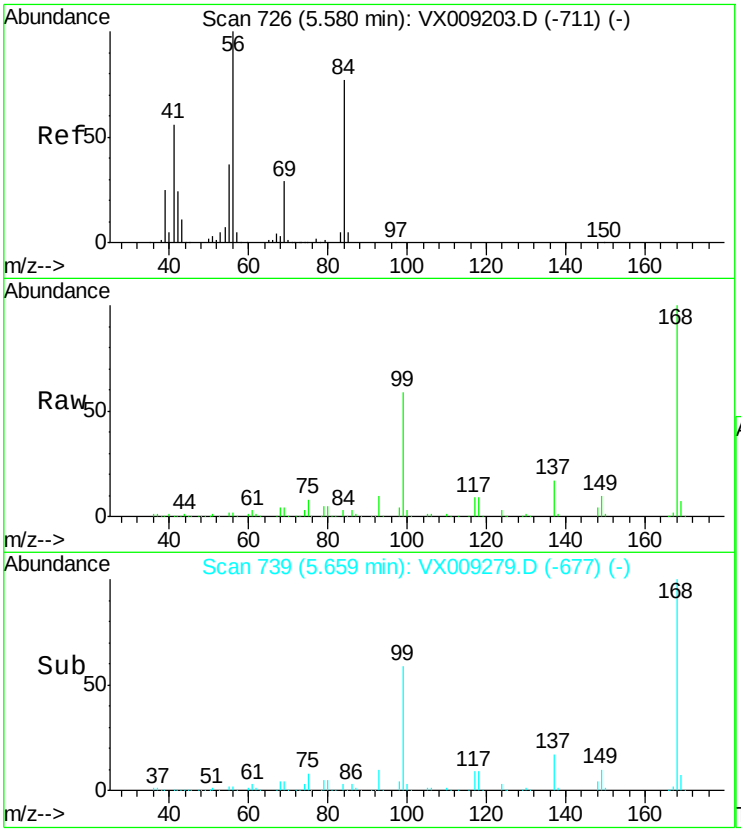




#28
Bromochloromethane
Concen: Below Cal
RT: 4.99 min Scan# 629
Delta R.T. -0.02 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

Tgt Ion: 49 Resp: 83

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 3.8 |
| 130 | 0.0 | 51.2 | 76.8# |



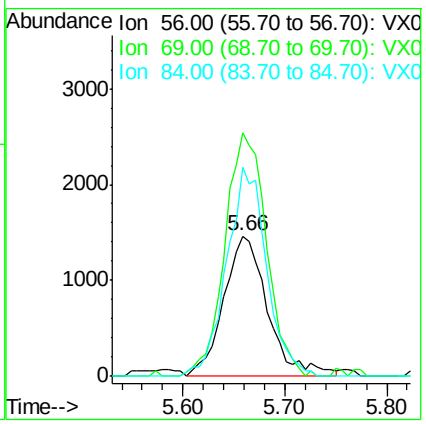


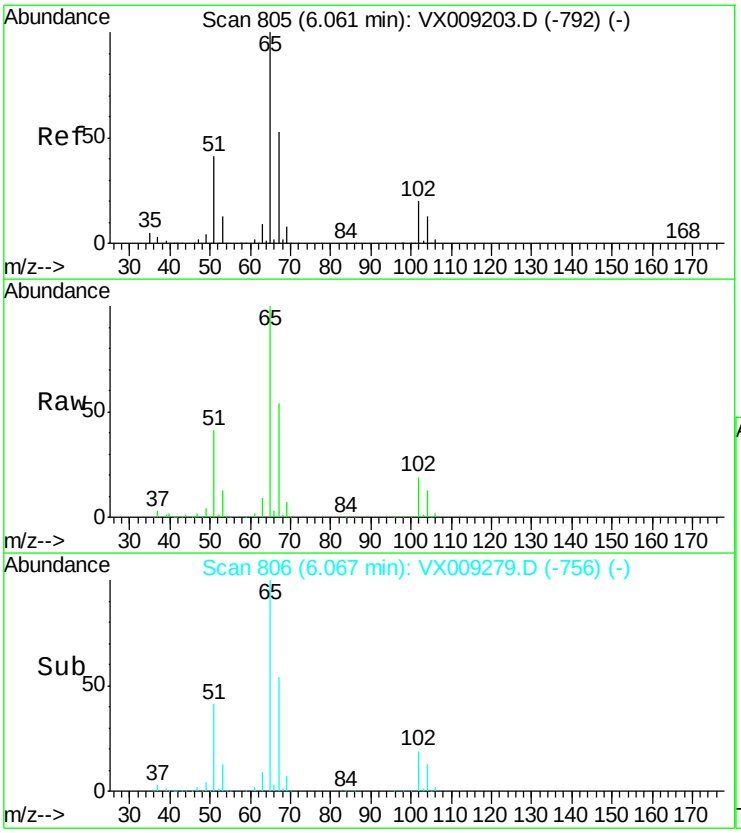

#31
Cyclohexane
Concen: 1.156 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

**Instrument :** MSVOA_X
**ClientSampleId :** SS050MW612-190429

Tgt Ion: 56 Resp: 4380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 170.5 | 23.4 | 35.0# |
| 84 | 149.7 | 61.9 | 92.9# |

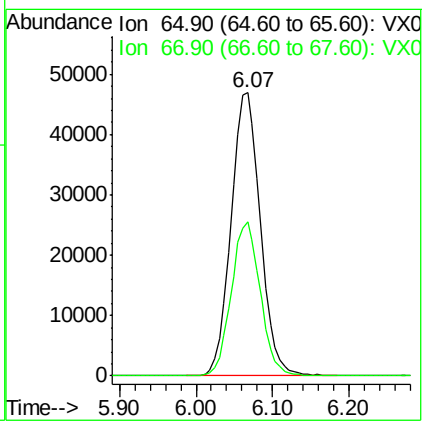


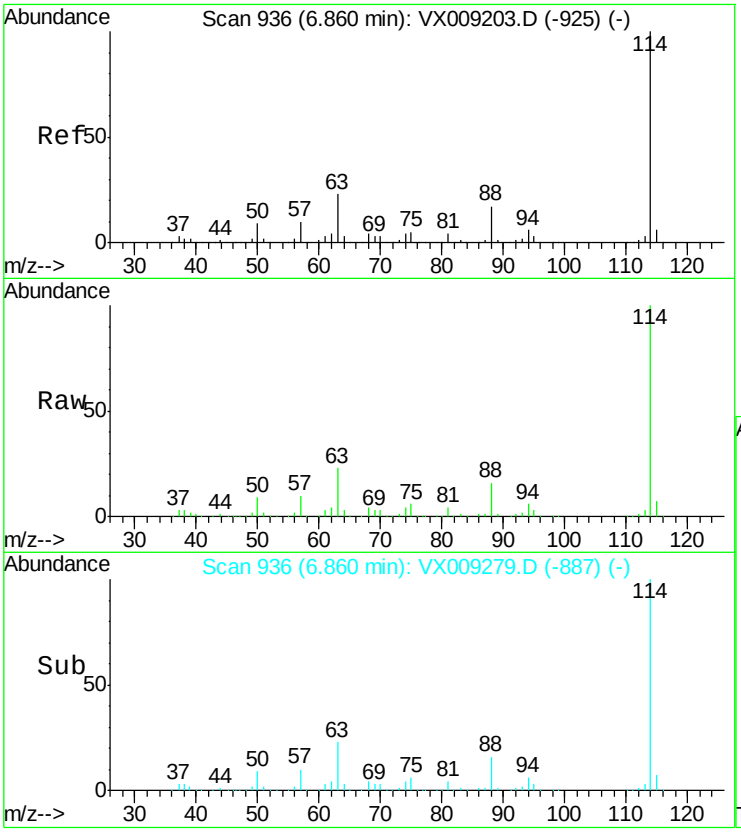




#33
1,2-Dichloroethane-d4
Concen: 48.579 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

Tgt Ion: 65 Resp: 124488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.8 | 0.0 | 106.6 |



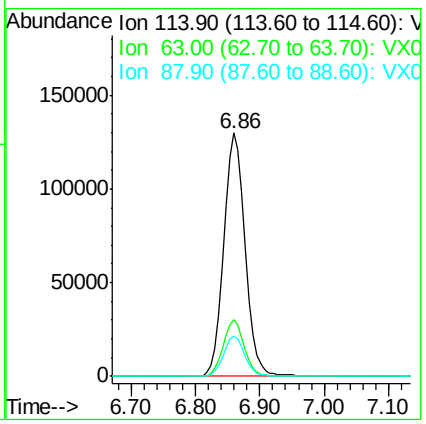


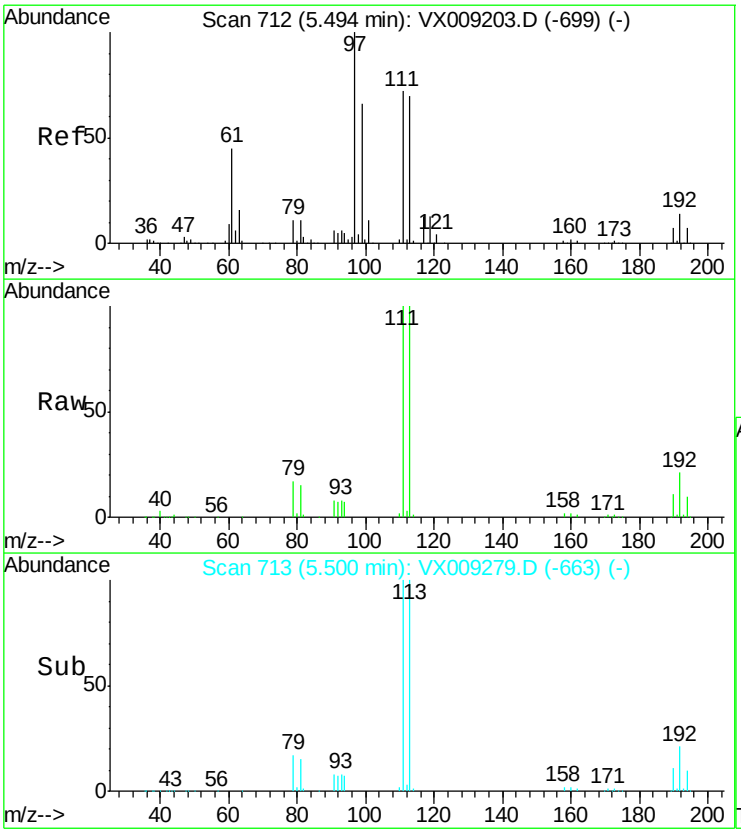

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS050MW612-190429

Tgt Ion:114 Resp: 304855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.1 | 0.0 | 45.6 |
| 88 | 16.4 | 0.0 | 33.2 |

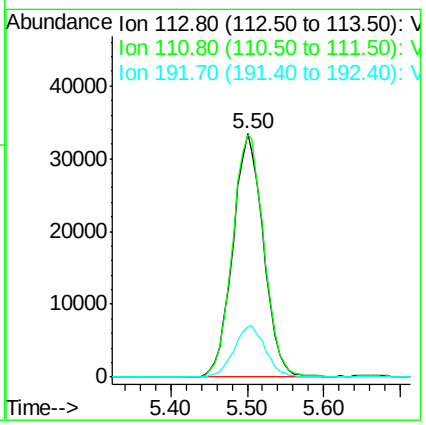


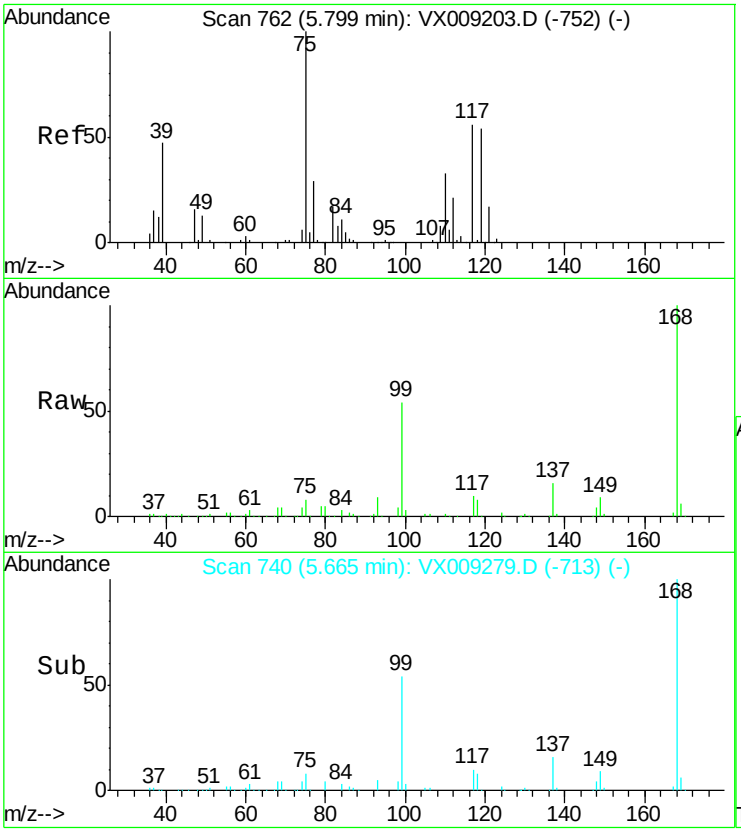




#35
Dibromofluoromethane
Concen: 48.305 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

Tgt Ion:113 Resp: 92574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.4 | 82.8 | 124.2 |
| 192 | 21.6 | 17.0 | 25.6 |



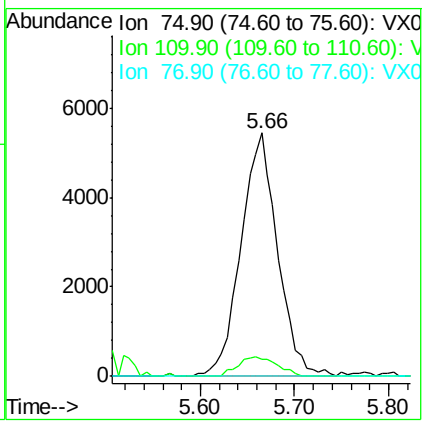


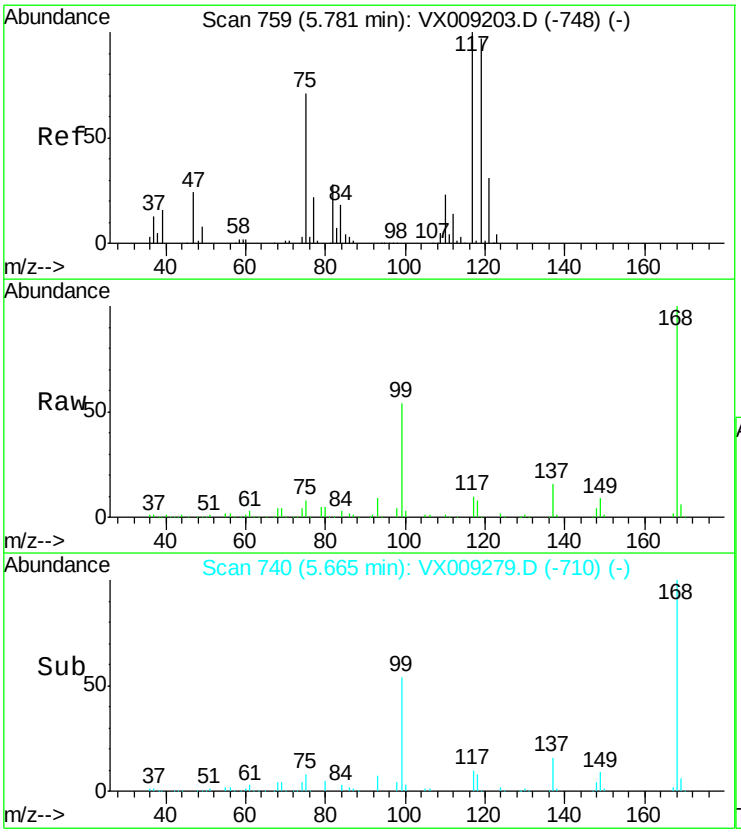

#36
1,1-Dichloropropene
Concen: 5.228 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS050MW612-190429

Tgt Ion: 75 Resp: 14811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 8.6 | 16.9 | 50.6# |
| 77 | 0.0 | 24.8 | 37.2# |

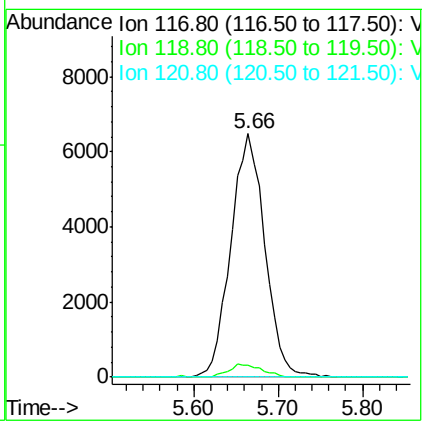


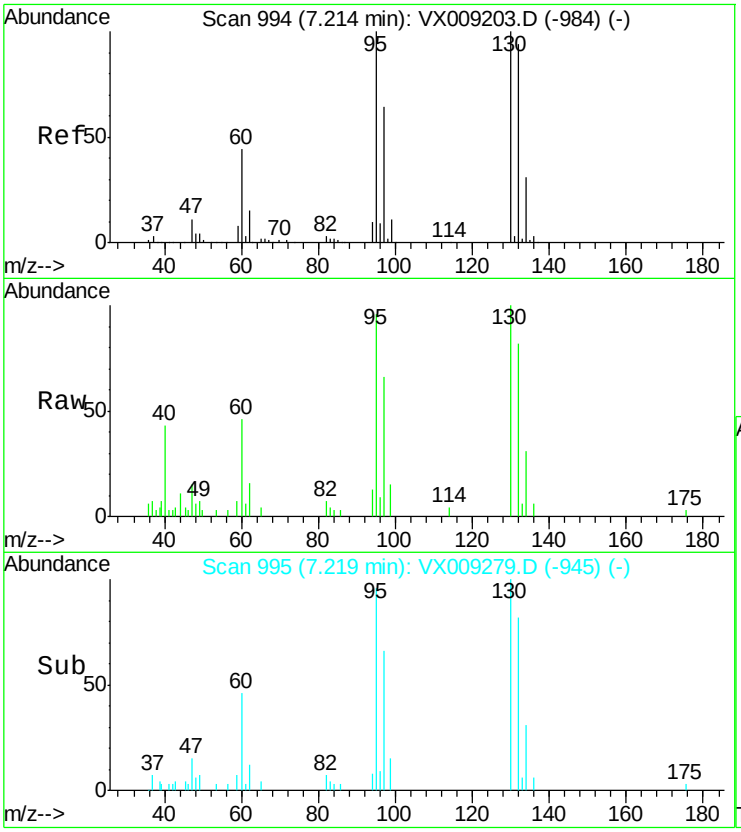




#38
Carbon Tetrachloride
Concen: 6.872 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

Tgt Ion:117 Resp: 17688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.8 | 77.5 | 116.3# |
| 121 | 0.0 | 24.7 | 37.1# |



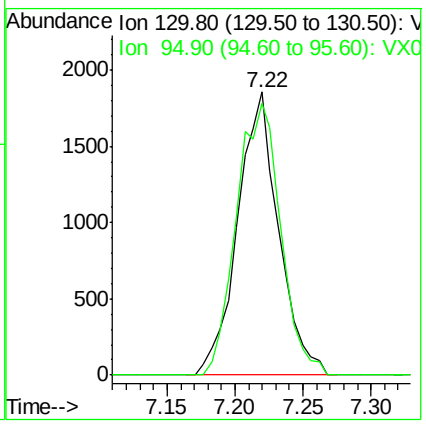


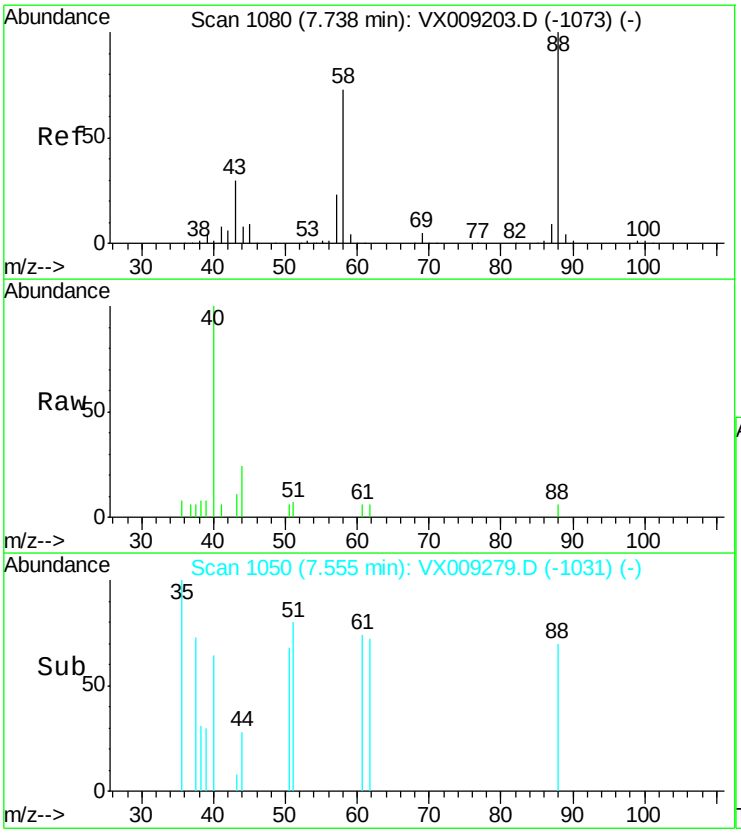

#44
Trichloroethene
Concen: 1.840 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS050MW612-190429

Tgt Ion:130 Resp: 3901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 96.0 | 0.0 | 199.2 |

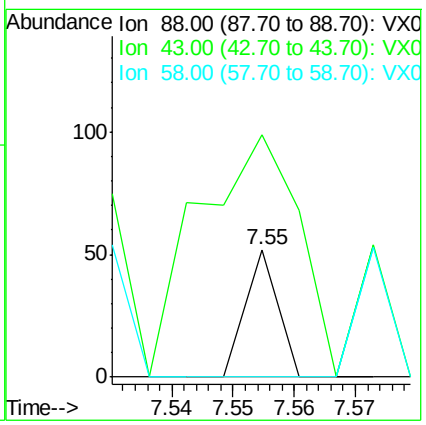


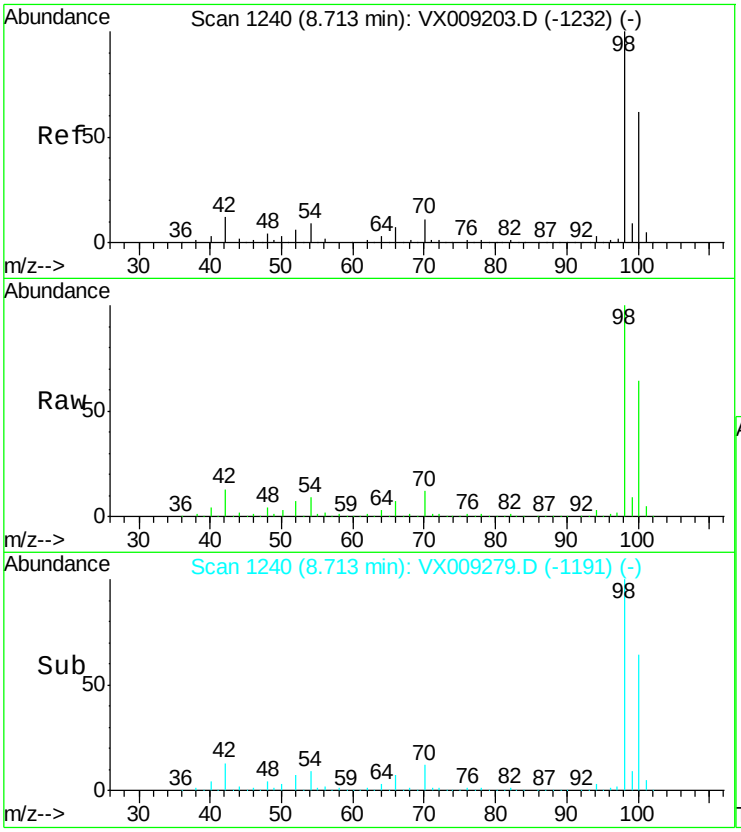




#49
1,4-Dioxane
Concen: 0.299 ug/l
RT: 7.55 min Scan# 1050
Delta R.T. -0.18 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

Tgt Ion: 88 Resp: 19

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 594.7 | 28.6 | 42.8# |
| 58 | 100.0 | 61.7 | 92.5# |



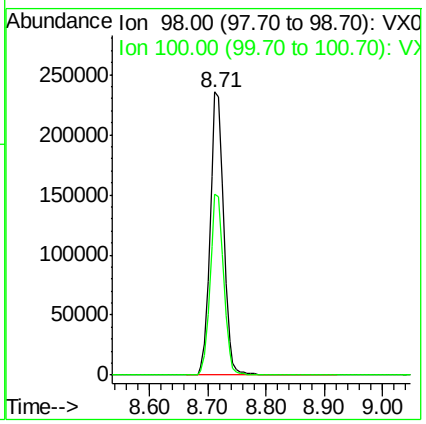


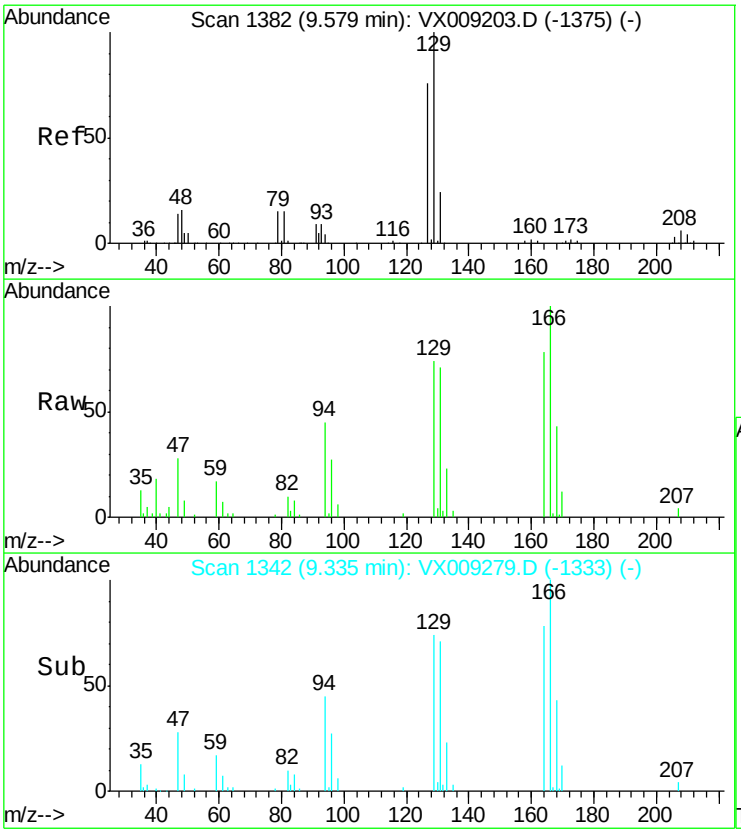

#50
Toluene-d8
Concen: 49.102 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS050MW612-190429

Tgt Ion: 98 Resp: 379912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.6 | 51.2 | 76.8 |

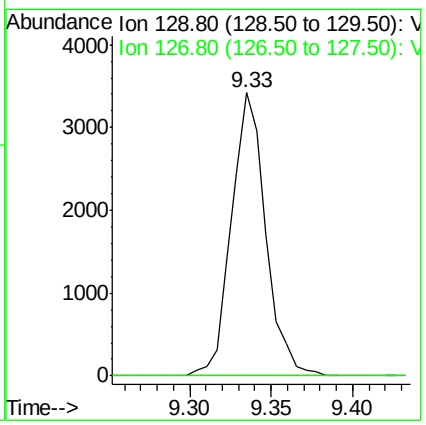


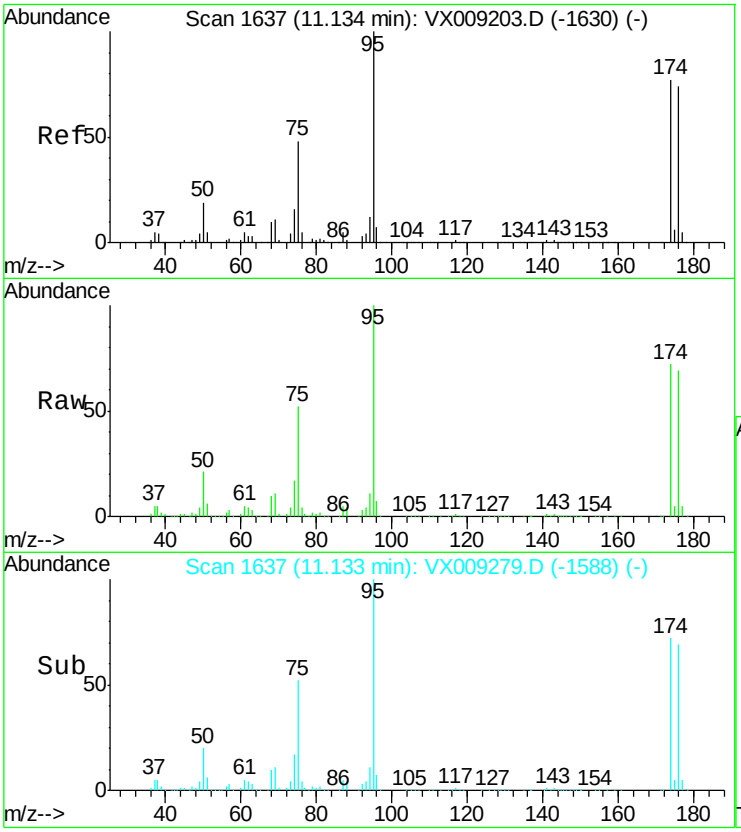




#60
Dibromochloromethane
Concen: 2.348 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

Tgt Ion:129 Resp: 4986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 38.4 | 115.1# |



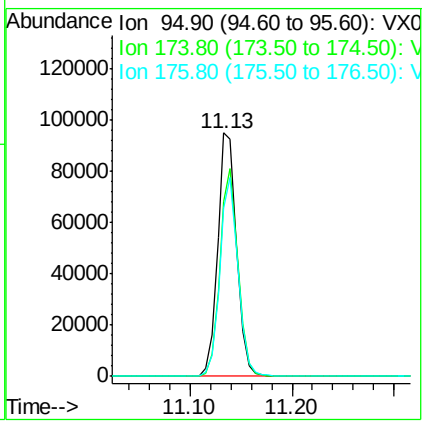


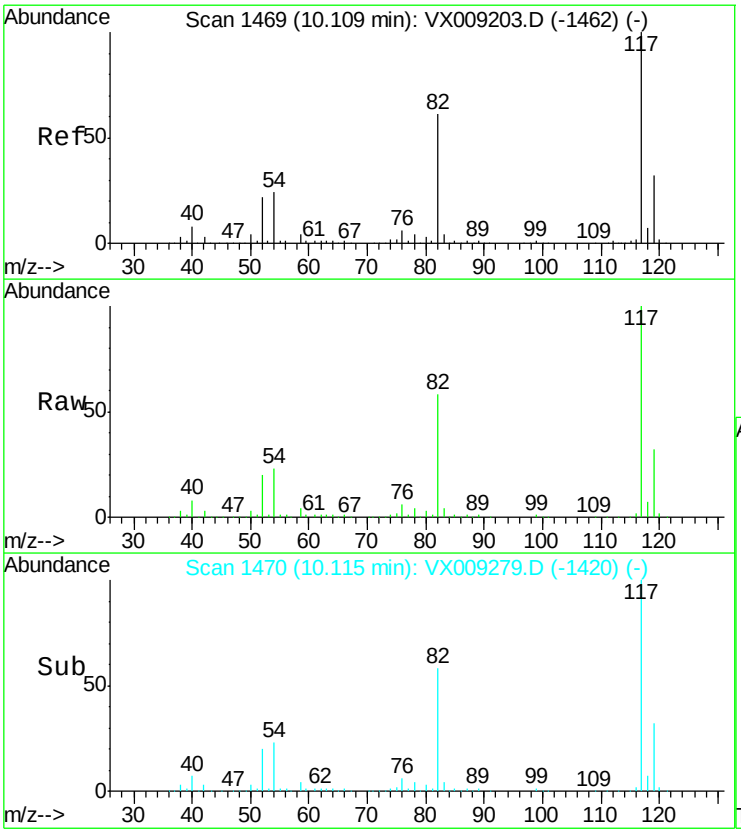

#62
4-Bromofluorobenzene
Concen: 43.938 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS050MW612-190429

Tgt Ion: 95 Resp: 123528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 81.0 | 0.0 | 161.6 |
| 176 | 78.0 | 0.0 | 159.2 |

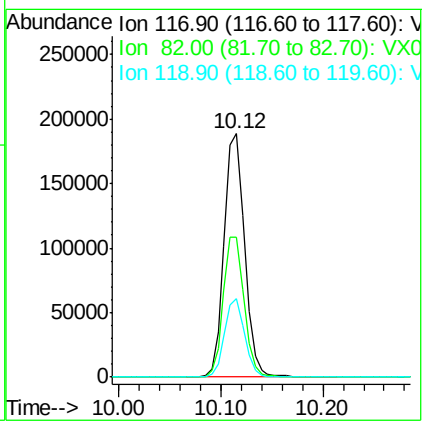


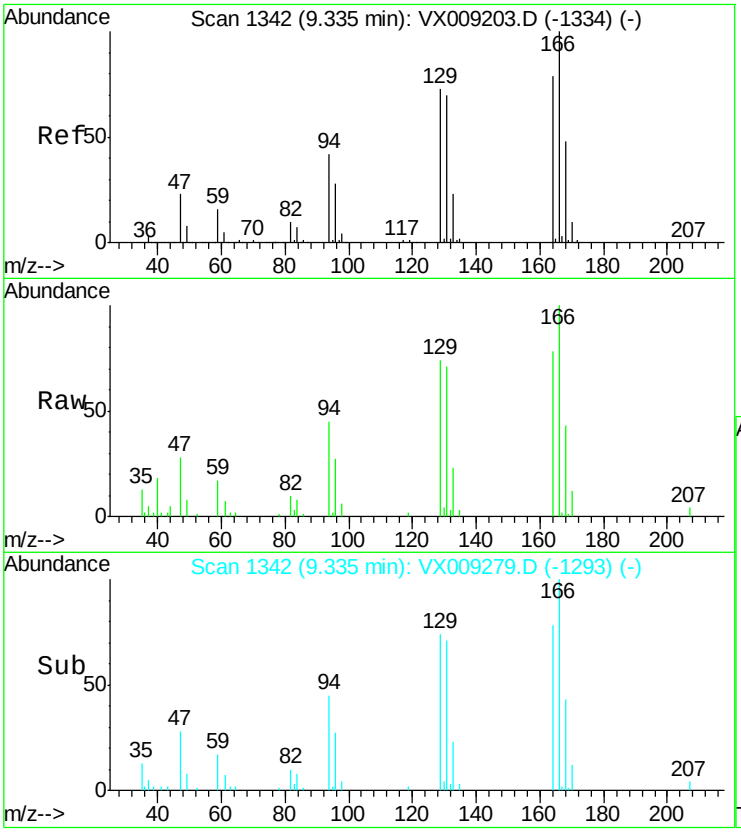




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

Tgt Ion:117 Resp: 262812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.7 | 48.8 | 73.2 |
| 119 | 32.2 | 25.8 | 38.6 |



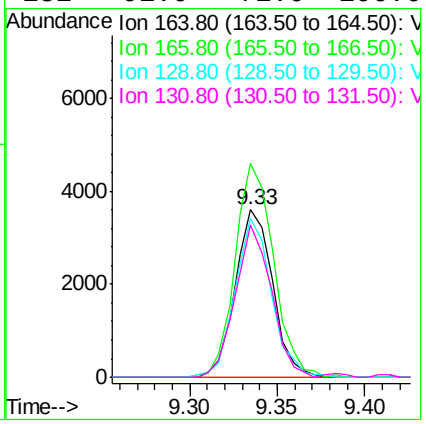


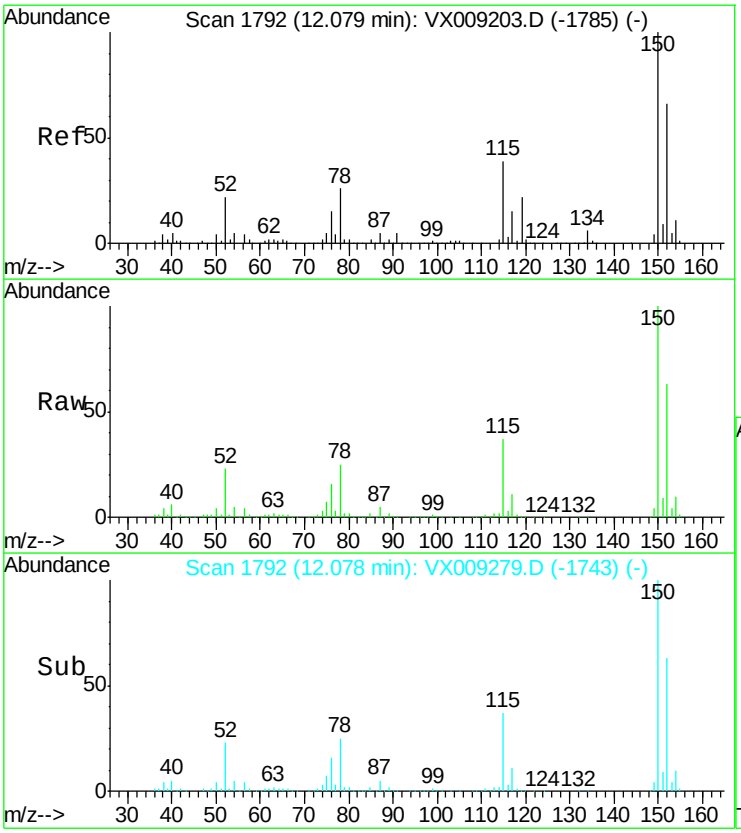

#64
Tetrachloroethene
Concen: 2.956 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS050MW612-190429

Tgt Ion:164 Resp: 5329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 127.8 | 101.2 | 151.8 |
| 129 | 95.0 | 74.3 | 111.5 |
| 131 | 91.0 | 71.0 | 106.6 |

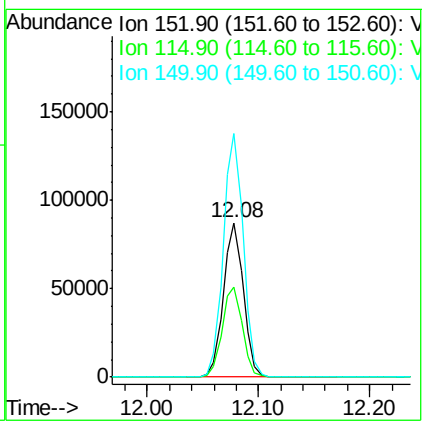


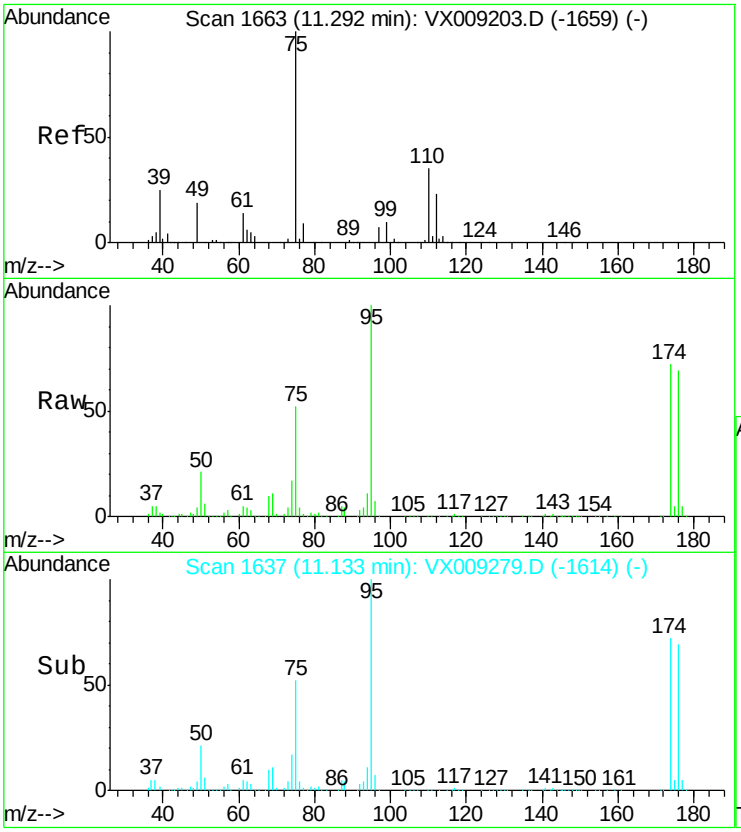




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

Tgt Ion:152 Resp: 107621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.5 | 41.2 | 123.6 |
| 150 | 158.6 | 0.0 | 346.4 |



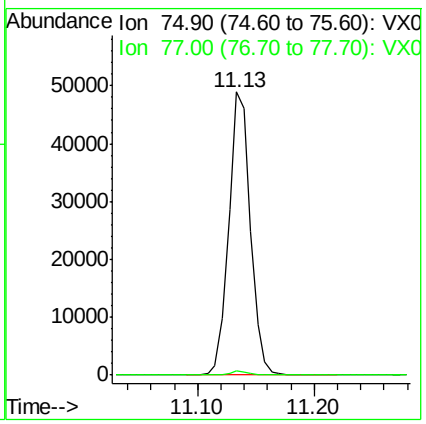


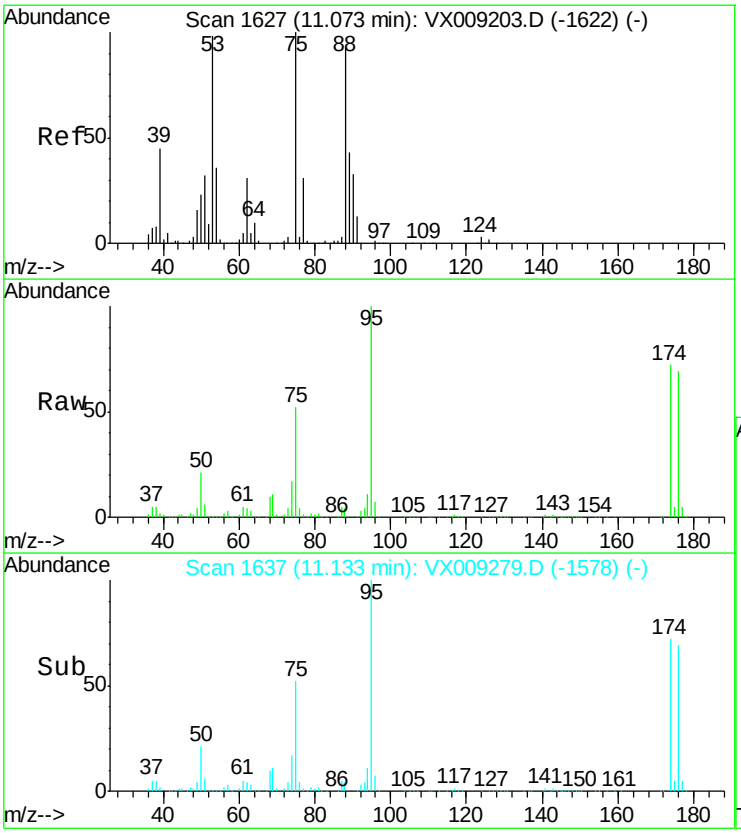

#76
1,2,3-Trichloropropane
Concen: 25.324 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

**Instrument :**
MSVOA_X
**ClientSampleId :**
SS050MW612-190429

Tgt Ion: 75 Resp: 63220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.4 | 22.1 | 66.1# |




#81
trans-1,4-Dichloro-2-butene
Concen: 64.796 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

Tgt Ion: 75 Resp: 63220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.1 | 79.0 | 118.6# |
| 89 | 0.0 | 34.7 | 52.1# |