Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050219\

Quantitation Report (Not Reviewed)

Data File : VV010629.D
Acq On : 02 May 2019 14:44
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VICV65

Quant Time: May 03 02:13:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 14:03:29 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 161486 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 165814 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 82102 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 43318 | 21.19 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 84.76% | | | |
| 7) Chloroethane-d5 | 1.57 | 69 | 31490 | 22.00 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 88.00% | | | |
| 10) 1,1-Dichloroethene-d2 | 2.12 | 63 | 77246 | 21.54 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 86.16% | | | |
| 20) 2-Butanone-d5 | 3.93 | 46 | 35696 | 57.39 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 114.78% | | | |
| 24) Chloroform-d | 4.40 | 84 | 102649 | 24.61 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 98.44% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 60377 | 25.26 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 101.04% | | | |
| 29) Benzene-d6 | 5.10 | 84 | 205635 | 23.93 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 95.72% | | | |
| 33) 1,2-Dichloropropane-d6 | 6.12 | 67 | 63959 | 24.30 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 97.20% | | | |
| 37) Toluene-d8 | 7.36 | 98 | 204474 | 24.76 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 99.04% | | | |
| 38) trans-1,3-Dichloropropene- | 7.66 | 79 | 27574 | 25.34 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 101.36% | | | |
| 39) 2-Hexanone-d5 | 8.13 | 63 | 26309 | 56.14 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 112.28% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 61784 | 26.04 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 104.16% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 76103 | 24.09 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 96.36% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.14 | 85 | 50965 | 21.347 | ug/L | 100 |
| 3) Chloromethane | 1.25 | 50 | 46136 | 21.014 | ug/L | 98 |
| 5) Vinyl chloride | 1.32 | 62 | 41602 | 21.013 | ug/L | 99 |
| 6) Bromomethane | 1.51 | 94 | 22941 | 22.630 | ug/L | 99 |
| 8) Chloroethane | 1.59 | 64 | 23656 | 22.644 | ug/L | 96 |
| 9) Trichlorofluoromethane | 1.76 | 101 | 72951 | 20.816 | ug/L | 99 |
| 11) 1,1,2-Trichloro-1,2,2-trif | 2.13 | 101 | 37189 | 20.958 | ug/L | 97 |
| 12) 1,1-Dichloroethene | 2.13 | 96 | 32651 | 21.046 | ug/L | 86 |
| 13) Acetone | 2.19 | 43 | 22961 | 43.057 | ug/L | 99 |
| 14) Carbon disulfide | 2.31 | 76 | 106680 | 20.768 | ug/L | 99 |
| 15) Methyl Acetate | 2.46 | 43 | 26348 | 25.276 | ug/L | 97 |
| 16) Methylene chloride | 2.53 | 84 | 50171 | 22.275 | ug/L | 99 |
| 17) Methyl tert-butyl Ether | 2.80 | 73 | 120578 | 25.233 | ug/L | 98 |
| 18) trans-1,2-Dichloroethene | 2.79 | 96 | 42714 | 21.679 | ug/L | 98 |
| 19) 1,1-Dichloroethane | 3.23 | 63 | 82067 | 22.839 | ug/L | 97 |
| 21) 2-Butanone | 4.02 | 43 | 36473 | 52.452 | ug/L | 90 |
| 22) cis-1,2-Dichloroethene | 3.96 | 96 | 52251 | 24.295 | ug/L | 98 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050219\

Quantitation Report (Not Reviewed)

Data File : VV010629.D
Acq On : 02 May 2019 14:44
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VICV65

Quant Time: May 03 02:13:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 14:03:29 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 23) Bromochloromethane | 4.30 | 128 | 24333 | 23.930 | ug/L | | 96 |
| 25) Chloroform | 4.42 | 83 | 94374 | 23.695 | ug/L | | 98 |
| 27) 1,2-Dichloroethane | 5.18 | 62 | 61780 | 23.948 | ug/L | | 100 |
| 30) Cyclohexane | 4.72 | 56 | 63258 | 21.691 | ug/L | | 98 |
| 31) 1,1,1-Trichloroethane | 4.66 | 97 | 73424 | 22.668 | ug/L | | 99 |
| 32) Carbon tetrachloride | 4.87 | 117 | 64458 | 22.230 | ug/L | | 100 |
| 34) Benzene | 5.14 | 78 | 182231 | 22.990 | ug/L | | 100 |
| 35) Trichloroethene | 5.96 | 95 | 51230 | 22.659 | ug/L | | 98 |
| 36) Methylcyclohexane | 6.17 | 83 | 68842 | 21.310 | ug/L | | 98 |
| 40) 1,2-Dichloropropane | 6.22 | 63 | 48213 | 23.386 | ug/L | | 99 |
| 41) Bromodichloromethane | 6.55 | 83 | 65793 | 24.101 | ug/L | | 98 |
| 42) cis-1,3-Dichloropropene | 7.07 | 75 | 74163 | 24.593 | ug/L | | 99 |
| 43) 4-Methyl-2-pentanone | 7.27 | 43 | 77692 | 53.521 | ug/L | | 99 |
| 44) Toluene | 7.43 | 91 | 205391 | 23.478 | ug/L | | 99 |
| 45) trans-1,3-Dichloropropene | 7.69 | 75 | 64279 | 25.327 | ug/L | | 99 |
| 46) 1,1,2-Trichloroethane | 7.88 | 97 | 42595 | 24.743 | ug/L | | 99 |
| 47) Tetrachloroethene | 8.02 | 164 | 37745 | 21.417 | ug/L | | 98 |
| 49) 2-Hexanone | 8.18 | 43 | 53727 | 49.788 | ug/L | | 95 |
| 50) Dibromochloromethane | 8.29 | 129 | 50505 | 24.738 | ug/L | | 98 |
| 51) 1,2-Dibromoethane | 8.40 | 107 | 41445 | 24.959 | ug/L | | 99 |
| 52) Chlorobenzene | 8.92 | 112 | 142923 | 23.409 | ug/L | | 99 |
| 53) Ethylbenzene | 9.05 | 91 | 226516 | 22.894 | ug/L | | 99 |
| 54) m,p-Xylene | 9.18 | 106 | 88848 | 23.699 | ug/L | | 99 |
| 55) o-xylene | 9.59 | 106 | 88084 | 24.049 | ug/L | | 99 |
| 56) Styrene | 9.60 | 104 | 153945 | 24.765 | ug/L | | 100 |
| 57) Isopropylbenzene | 9.97 | 105 | 227981 | 23.720 | ug/L | | 100 |
| 58) 1,1,2,2-Tetrachloroethane | 10.29 | 83 | 55627 | 25.903 | ug/L | | 97 |
| 59) 1,2,3-Trichloropropane | 10.32 | 75 | 41618 | 25.760 | ug/L | | 99 |
| 62) Bromoform | 9.77 | 173 | 28845 | 25.050 | ug/L | # | 96 |
| 63) 1,3-Dichlorobenzene | 11.23 | 146 | 110596 | 23.606 | ug/L | | 100 |
| 64) 1,4-Dichlorobenzene | 11.32 | 146 | 114351 | 23.373 | ug/L | | 98 |
| 65) 1,2-Dichlorobenzene | 11.69 | 146 | 109353 | 23.642 | ug/L | | 98 |
| 66) 1,2-Dibromo-3-chloropropan | 12.48 | 75 | 9187 | 27.006 | ug/L | | 88 |
| 67) 1,3,5-Trichlorobenzene | 12.69 | 180 | 82418 | 22.912 | ug/L | | 99 |
| 68) 1,2,4-trichlorobenzene | 13.31 | 180 | 66436 | 24.206 | ug/L | | 99 |
| 69) Naphthalene | 13.55 | 128 | 140951 | 26.859 | ug/L | | 99 |
| 70) 1,2,3-Trichlorobenzene | 13.79 | 180 | 64849 | 25.050 | ug/L | | 98 |

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

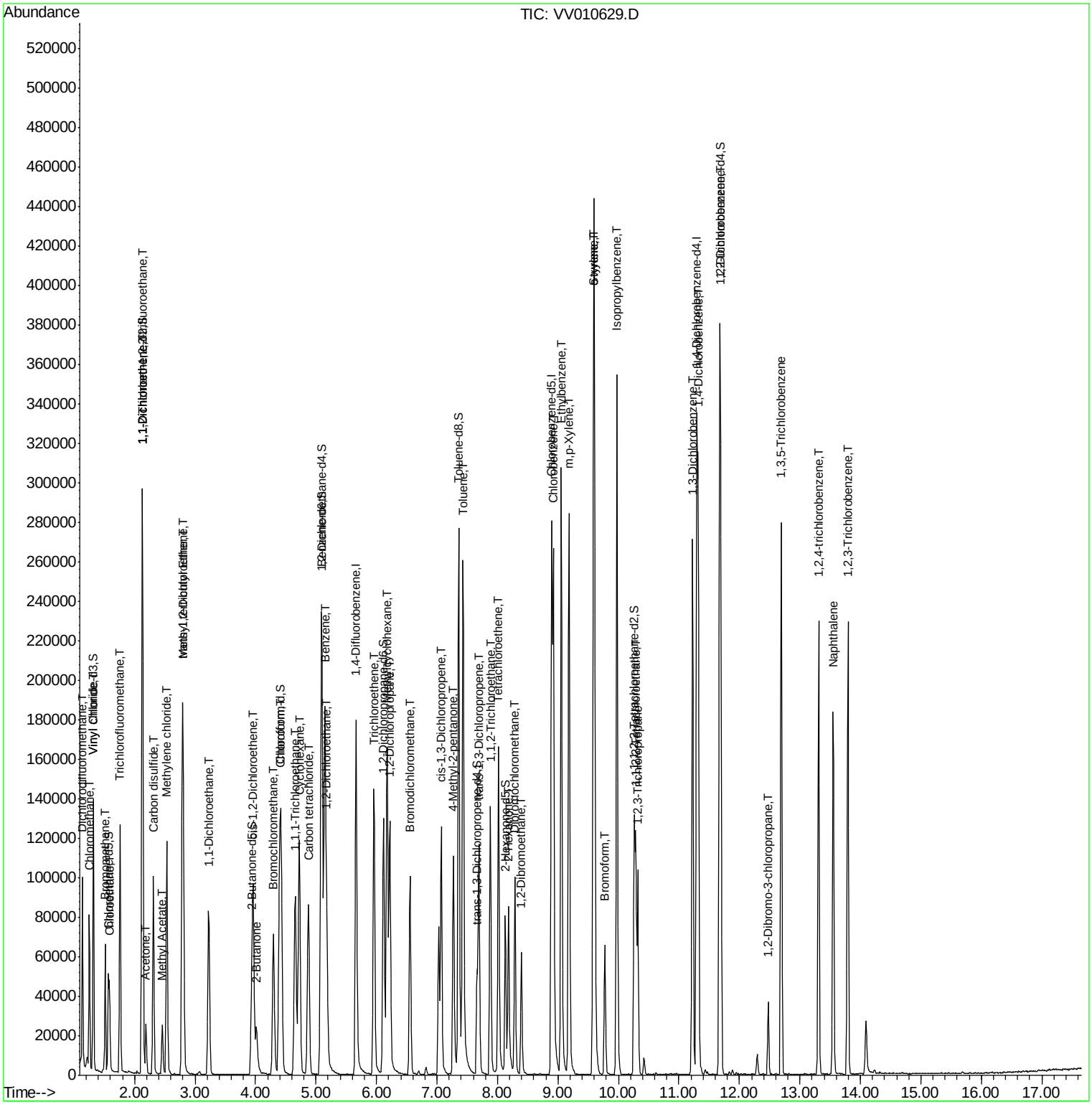
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050219\

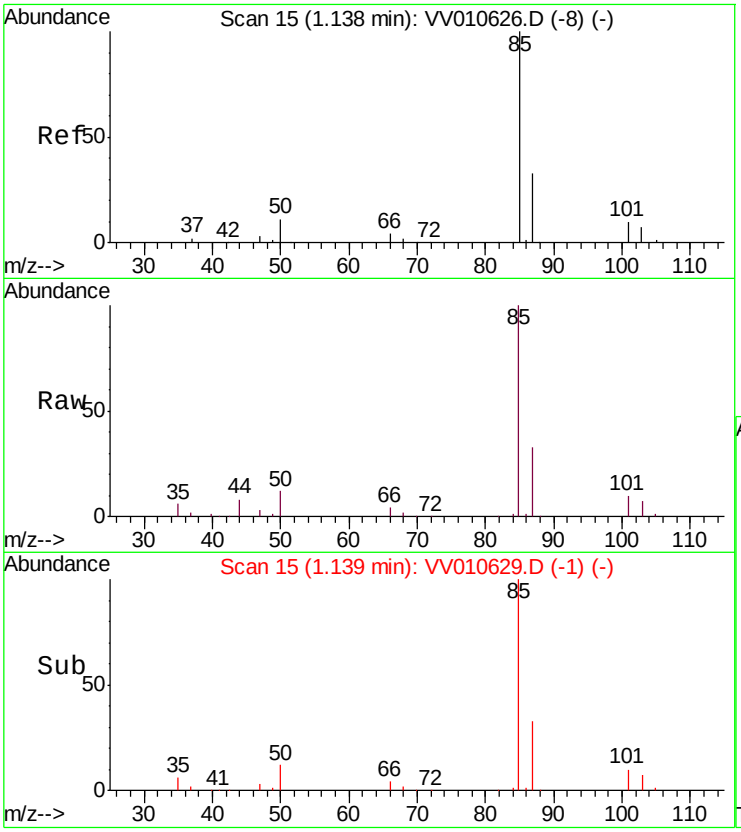
Quantitation Report (Not Reviewed)

Data File : VV010629.D
Acq On : 02 May 2019 14:44
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV65

Quant Time: May 03 02:13:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 14:03:29 2019
Response via : Initial Calibration



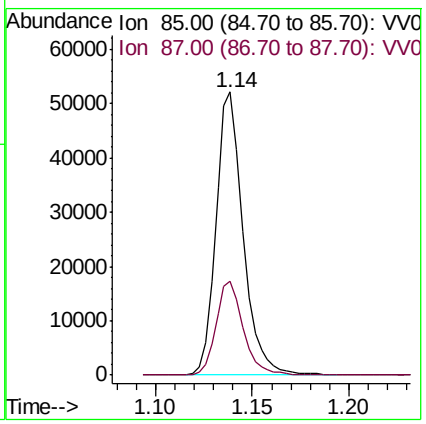


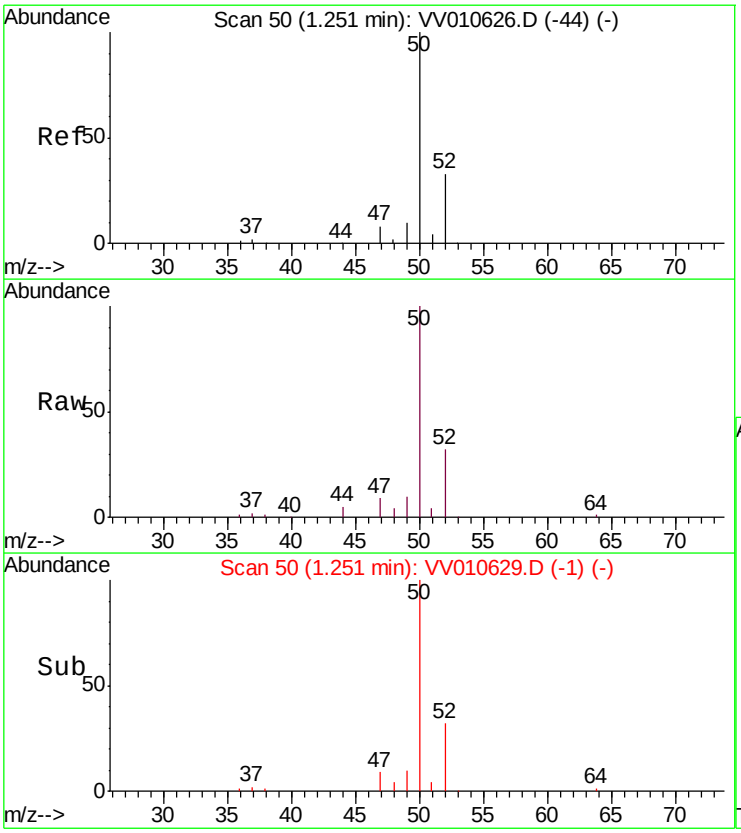

#2
Dichlorodifluoromethane
Concen: 21.347 ug/L
RT: 1.14 min Scan# 15
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV65

Tgt Ion: 85 Resp: 50965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.1 | 23.0 | 42.8 |

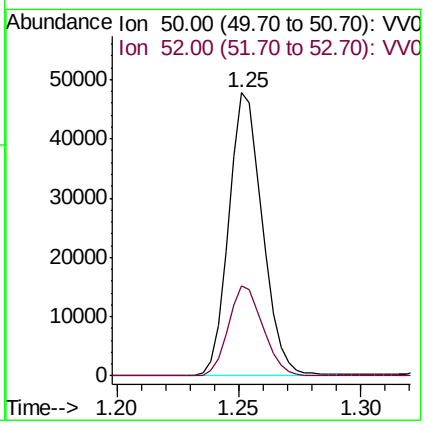


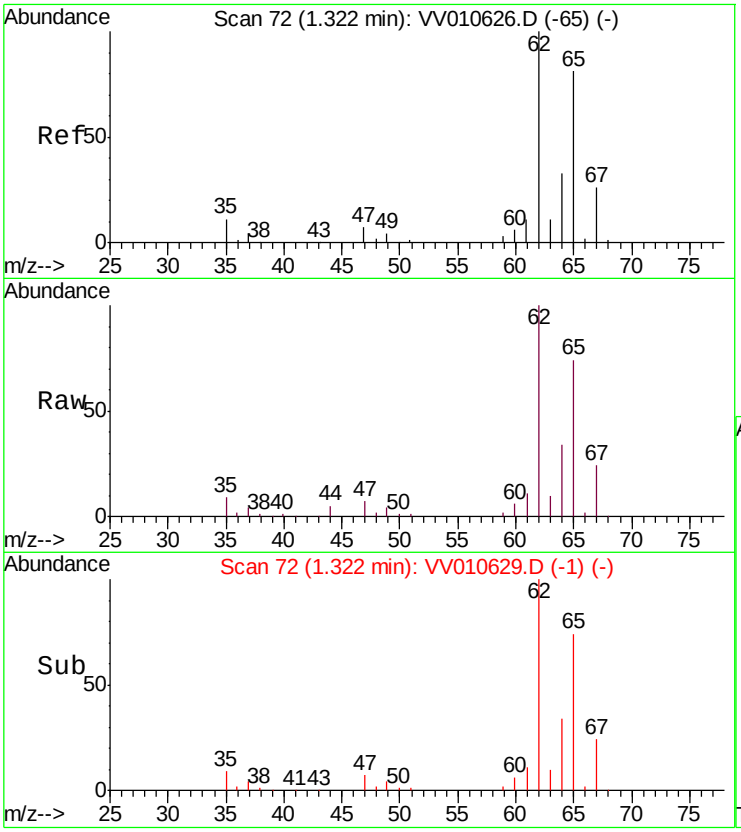




#3
Chloromethane
Concen: 21.014 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion: 50 Resp: 46136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.0 | 23.4 | 43.4 |



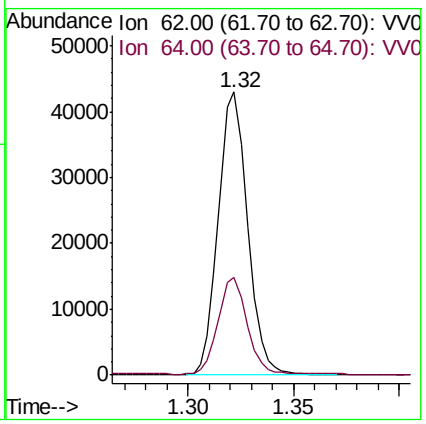


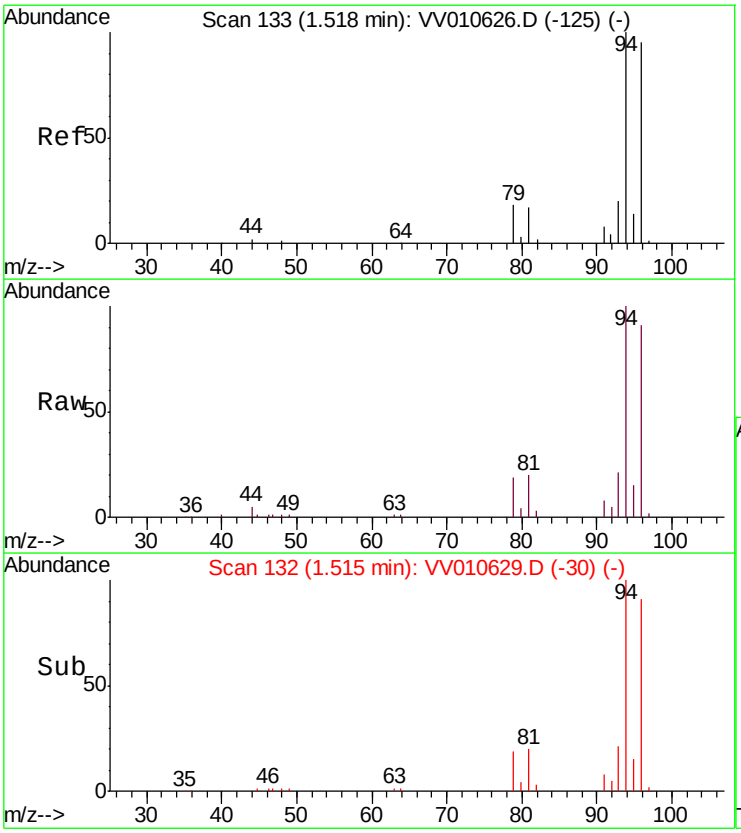

#5
Vinyl chloride
Concen: 21.013 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV65

Tgt Ion: 62 Resp: 41602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 34.3 | 23.4 | 43.6 |

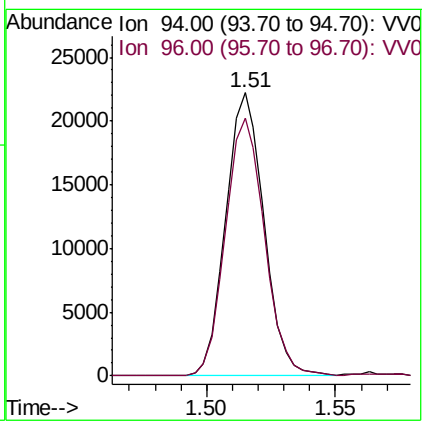


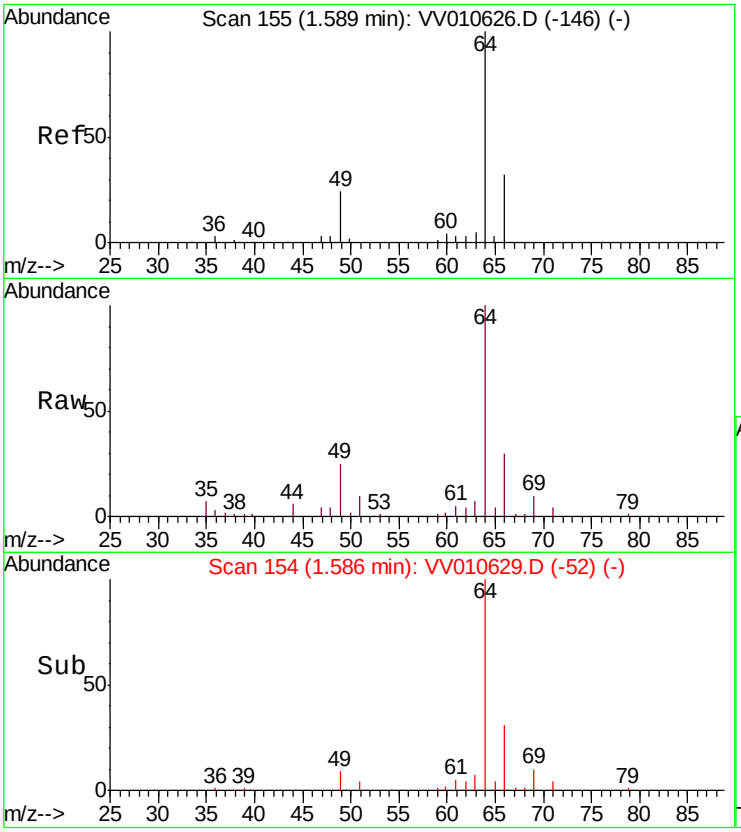




#6
Bromomethane
Concen: 22.630 ug/L
RT: 1.51 min Scan# 132
Delta R.T. -0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion: 94 Resp: 22941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 93.0 | 9.4 | 178.6 |



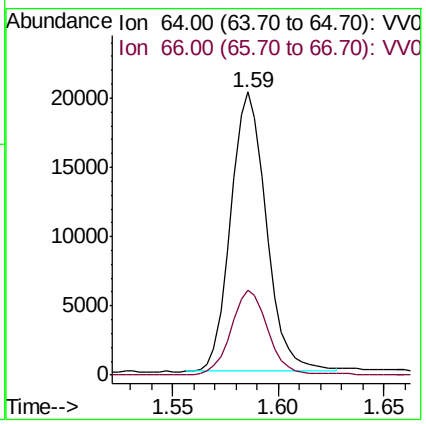


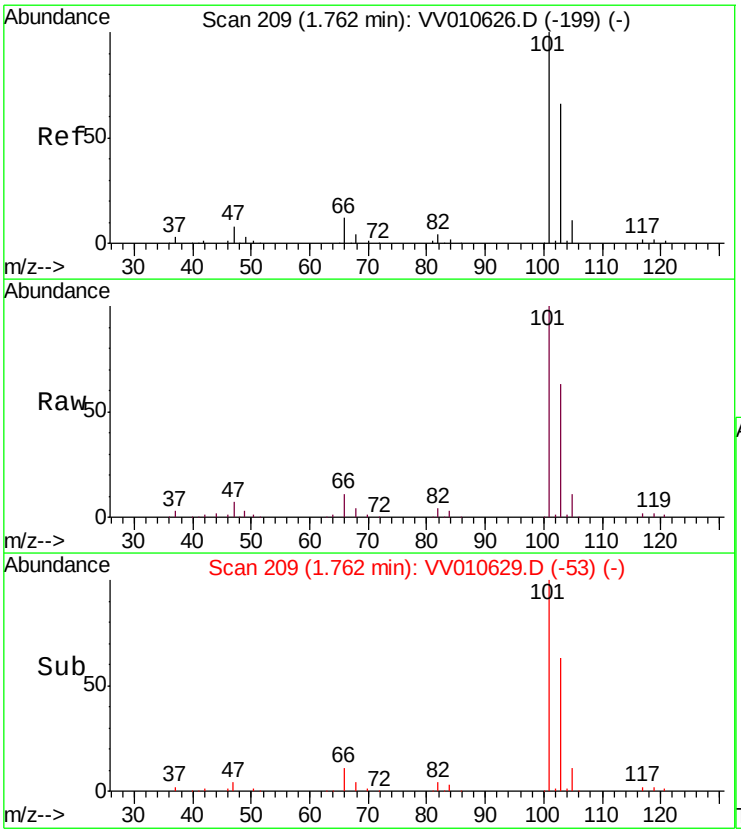

#8
Chloroethane
Concen: 22.644 ug/L
RT: 1.59 min Scan# 154
Delta R.T. -0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV65

Tgt Ion: 64 Resp: 23656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 30.1 | 22.5 | 41.7 |

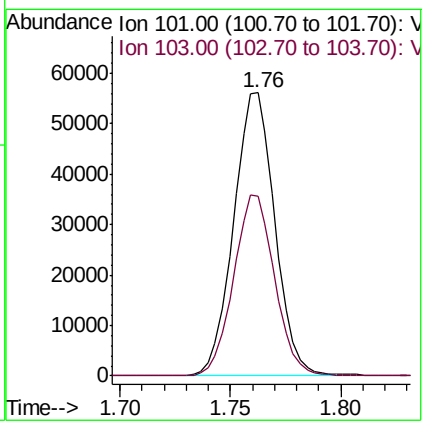


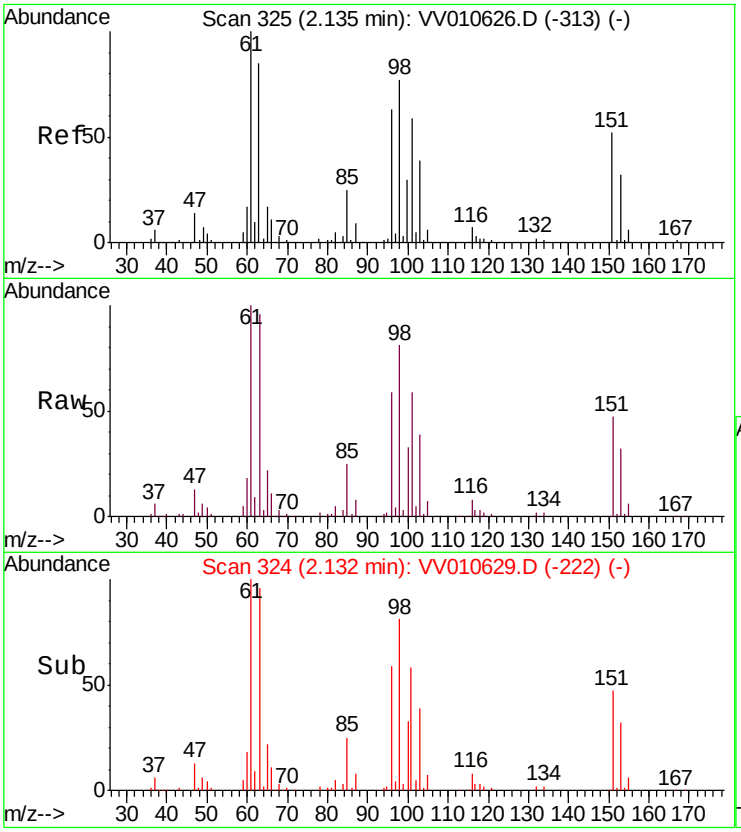




#9
Trichlorofluoromethane
Concen: 20.816 ug/L
RT: 1.76 min Scan# 209
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion:101 Resp: 72951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 63.8 | 45.1 | 83.9 |



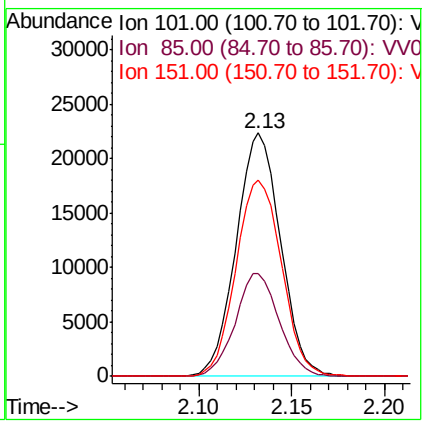


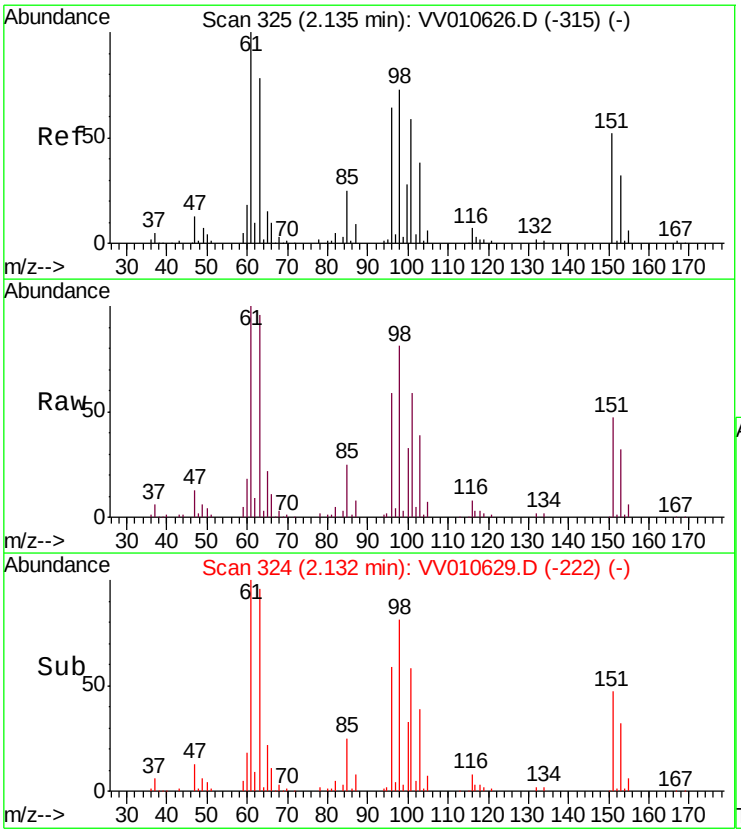

#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.958 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV65

Tgt Ion:101 Resp: 37189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 41.8 | 34.6 | 51.8 |
| 151 | 82.9 | 68.6 | 103.0 |

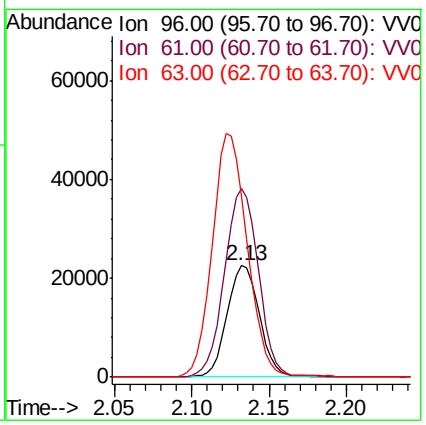


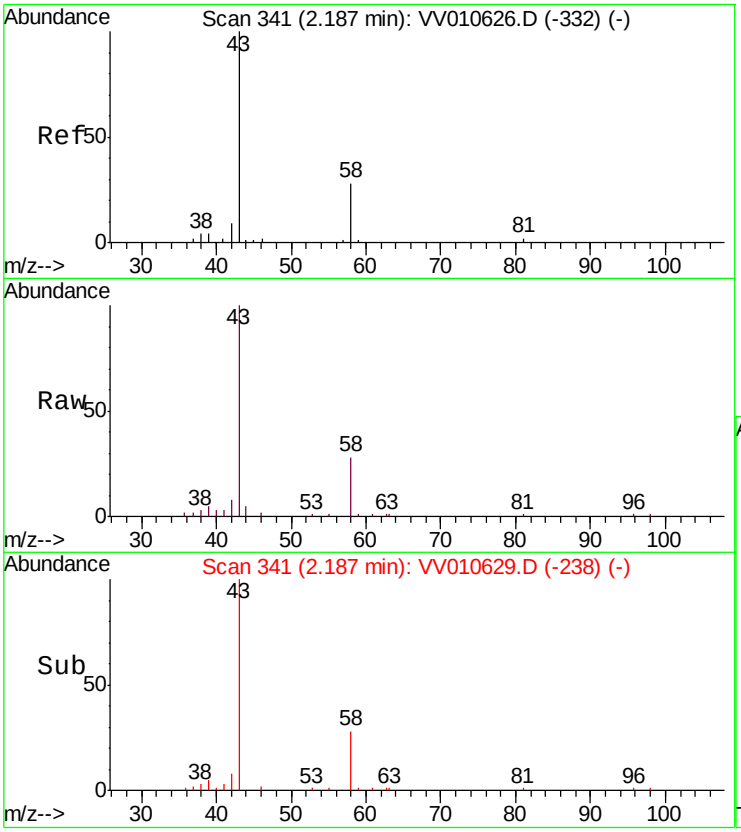




#12
1,1-Dichloroethene
Concen: 21.046 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion: 96 Resp: 32651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 168.5 | 111.1 | 206.3 |
| 63 | 161.9 | 95.2 | 176.8 |



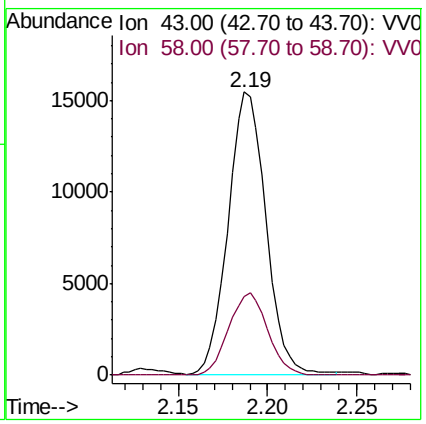


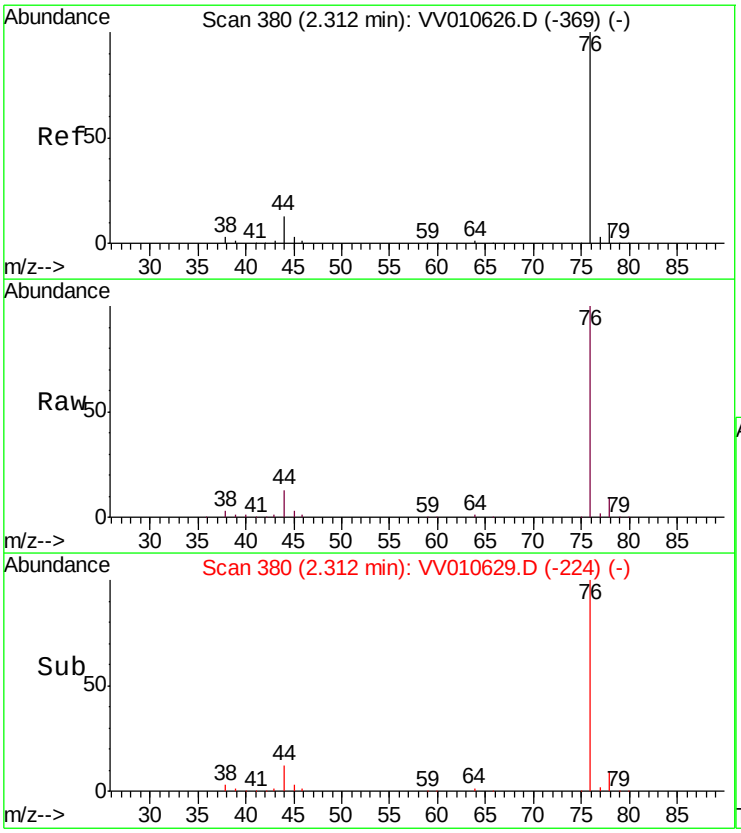

#13
Acetone
Concen: 43.057 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV65

Tgt Ion: 43 Resp: 22961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.6 | 0.0 | 58.2 |

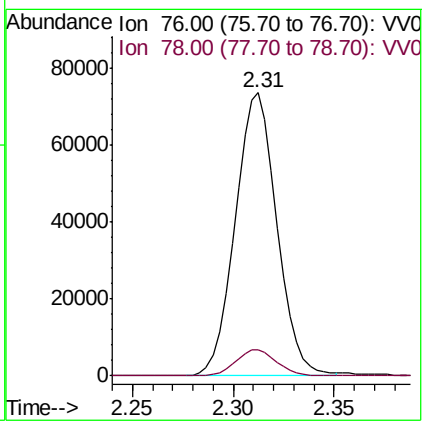


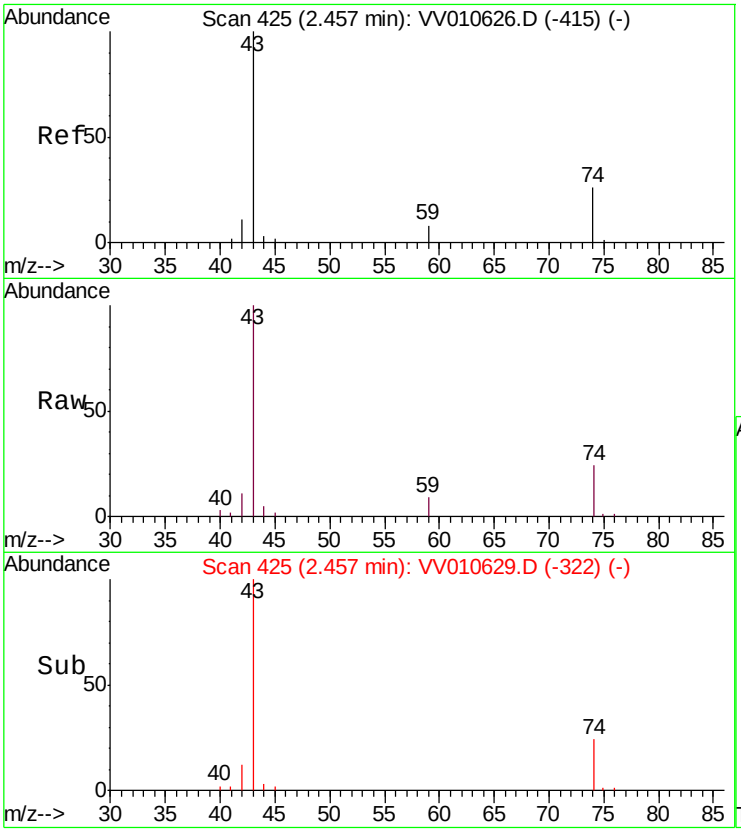




#14
Carbon disulfide
Concen: 20.768 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion: 76 Resp: 106680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.3 | 7.3 | 10.9 |



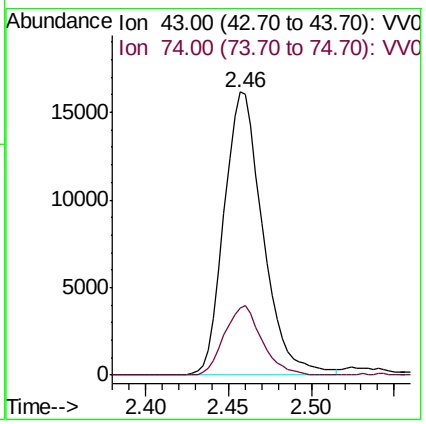


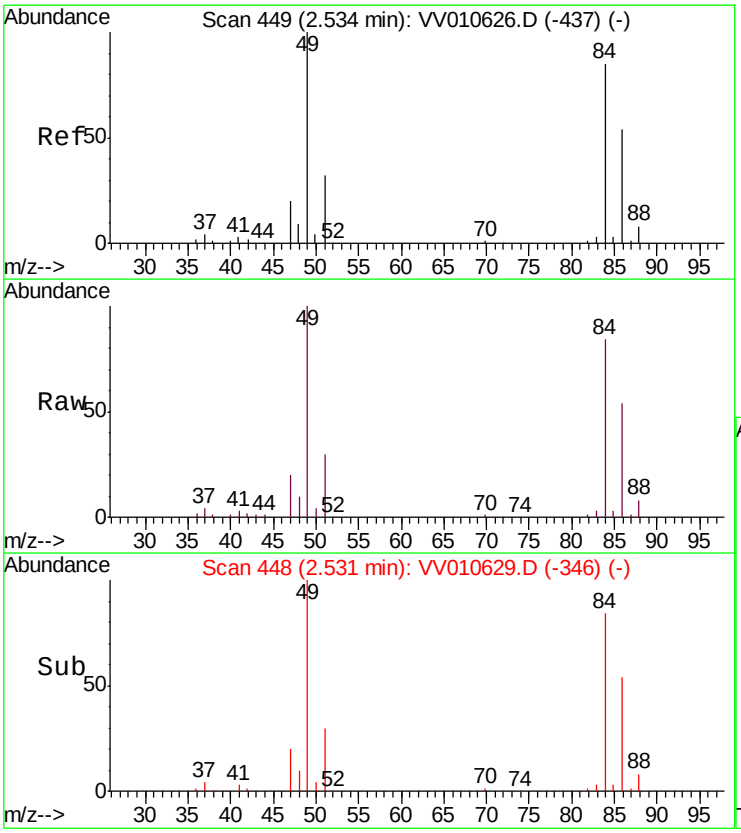

#15
Methyl Acetate
Concen: 25.276 ug/L
RT: 2.46 min Scan# 425
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :** MSVOA_V
**ClientSampleId :** VICV65

Tgt Ion: 43 Resp: 26348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 23.5 | 20.0 | 30.0 |

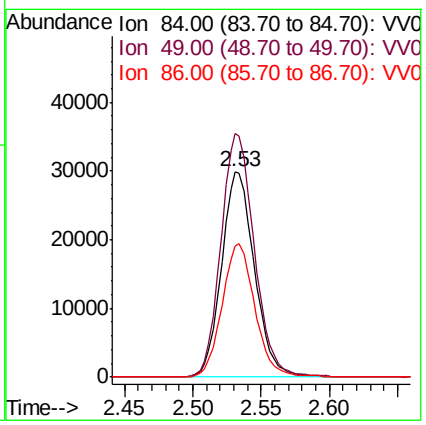


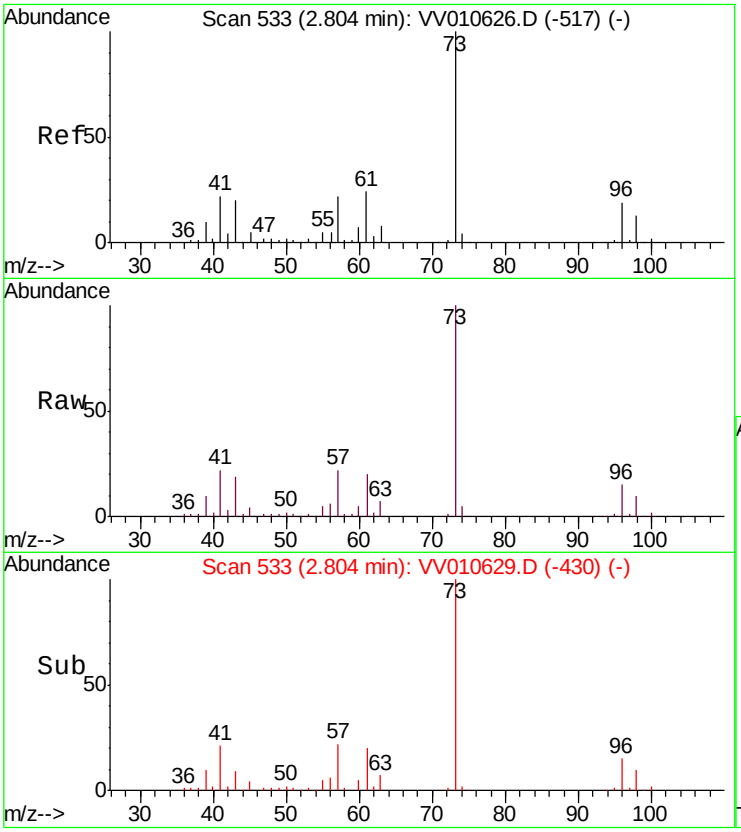




#16
Methylene chloride
Concen: 22.275 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion: 84 Resp: 50171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 118.4 | 81.9 | 152.1 |
| 86 | 63.5 | 44.0 | 81.6 |



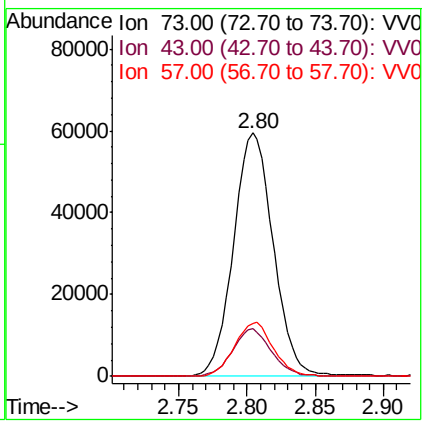


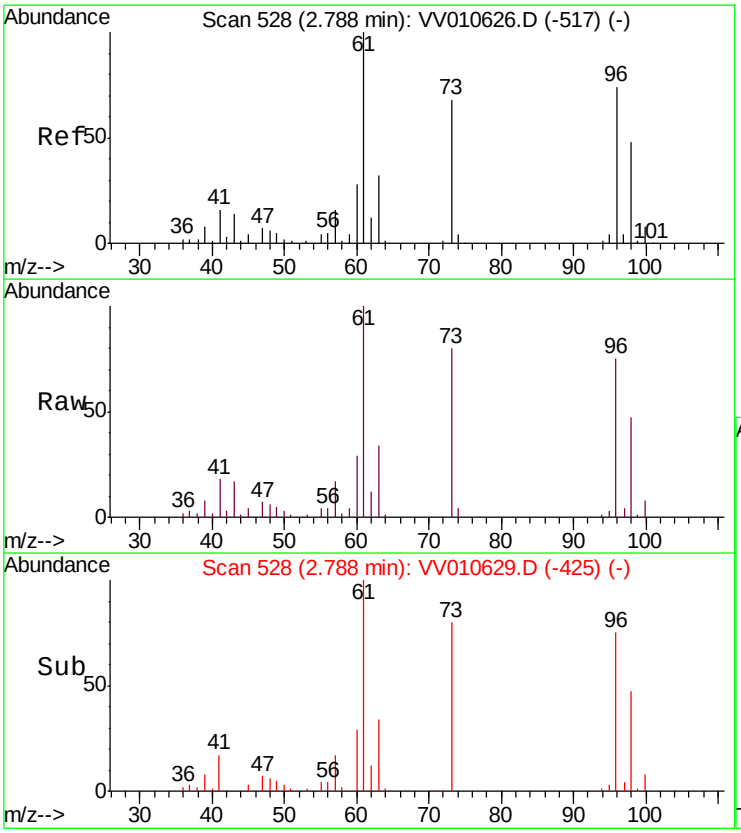

#17
Methyl tert-butyl Ether
Concen: 25.233 ug/L
RT: 2.80 min Scan# 533
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :** MSVOA_V
**ClientSampleId :** VICV65

Tgt Ion: 73 Resp: 120578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 19.0 | 15.9 | 23.9 |
| 57 | 21.7 | 17.9 | 26.9 |

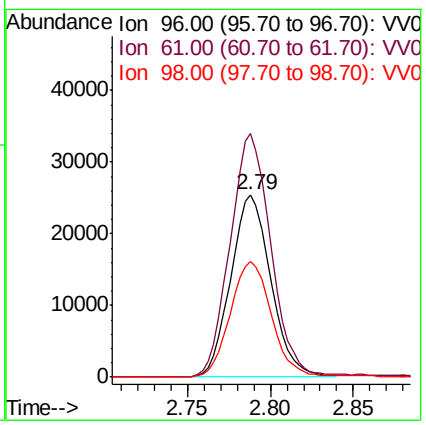


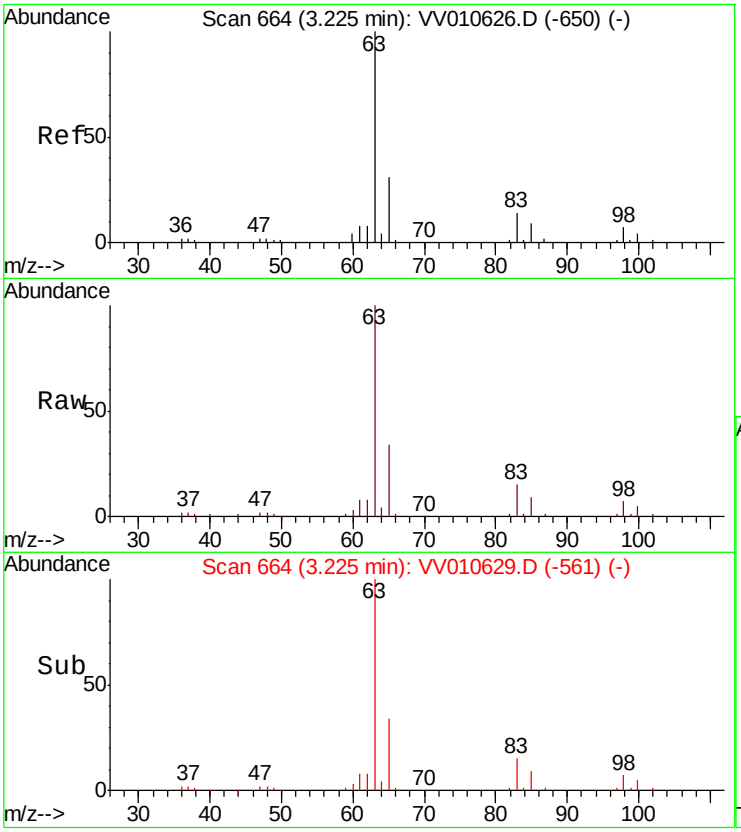




#18
trans-1,2-Dichloroethene
Concen: 21.679 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion: 96 Resp: 42714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 133.6 | 94.6 | 175.8 |
| 98 | 63.1 | 45.2 | 84.0 |



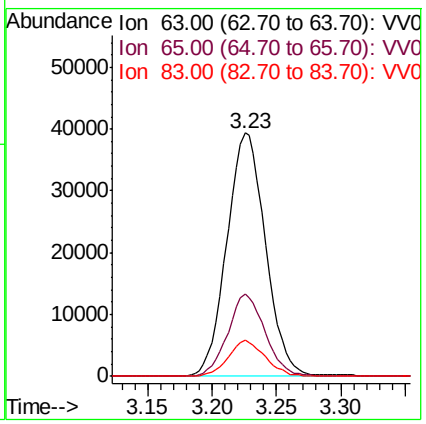


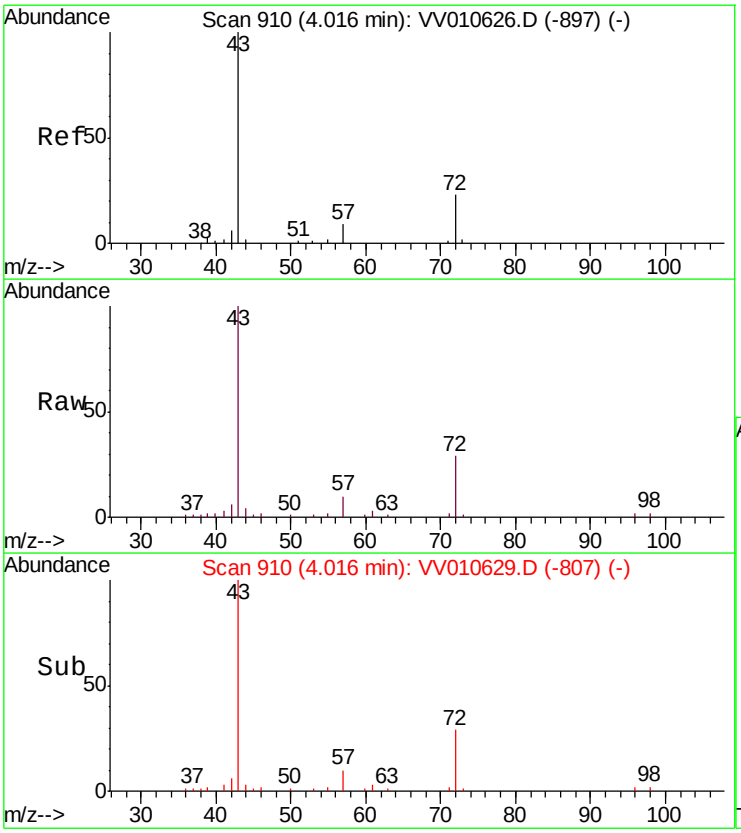

#19
1,1-Dichloroethane
Concen: 22.839 ug/L
RT: 3.23 min Scan# 664
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV65

Tgt Ion: 63 Resp: 82067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 33.6 | 22.0 | 40.8 |
| 83 | 14.6 | 10.0 | 18.6 |

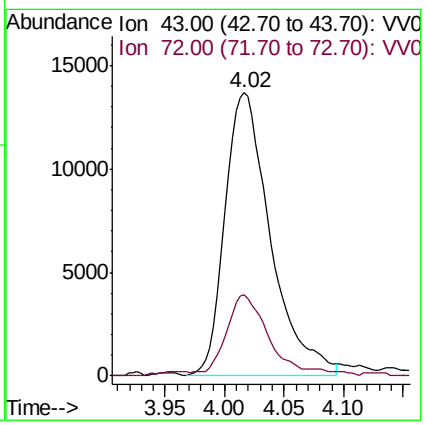


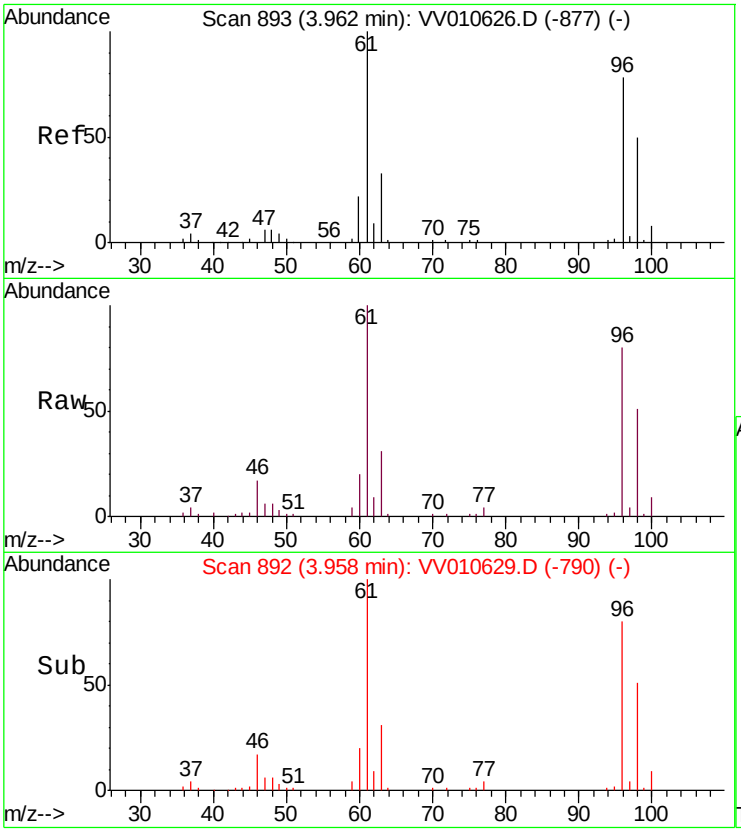




#21
2-Butanone
Concen: 52.452 ug/L
RT: 4.02 min Scan# 910
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion: 43 Resp: 36473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 23.3 | 14.2 | 42.6 |



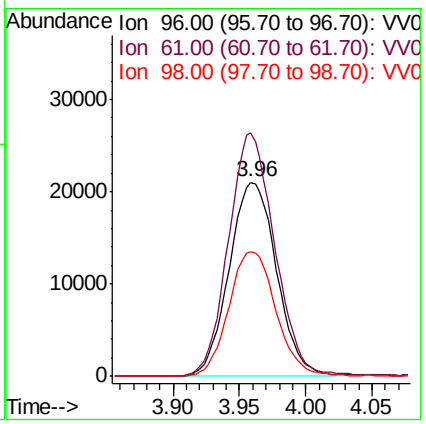


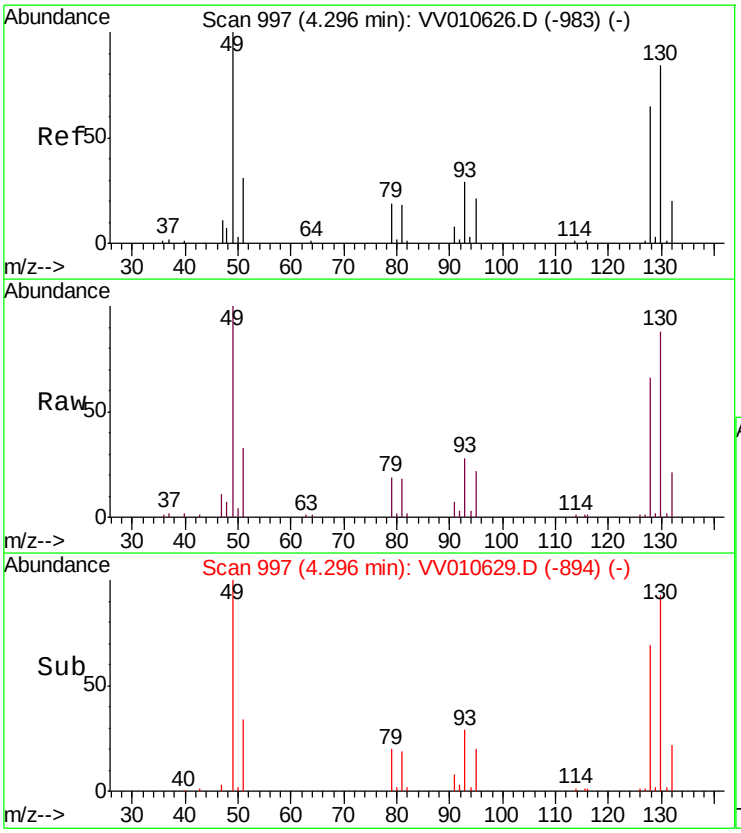

#22
cis-1,2-Dichloroethene
Concen: 24.295 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV65

Tgt Ion: 96 Resp: 52251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 125.3 | 89.6 | 166.4 |
| 98 | 64.0 | 44.5 | 82.7 |

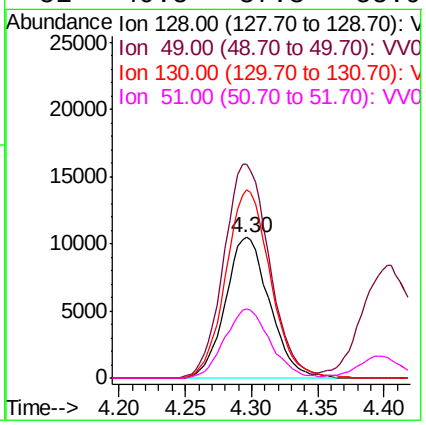


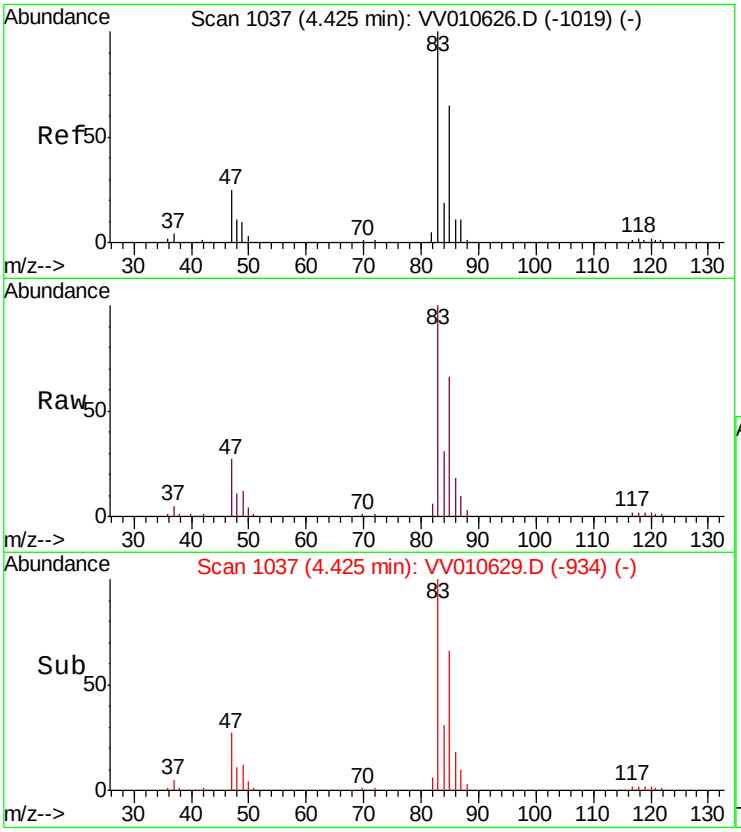




#23
Bromochloromethane
Concen: 23.930 ug/L
RT: 4.30 min Scan# 997
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion:128 Resp: 24333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 151.8 | 108.0 | 200.6 |
| 130 | 134.1 | 89.7 | 166.7 |
| 51 | 49.5 | 37.3 | 55.9 |



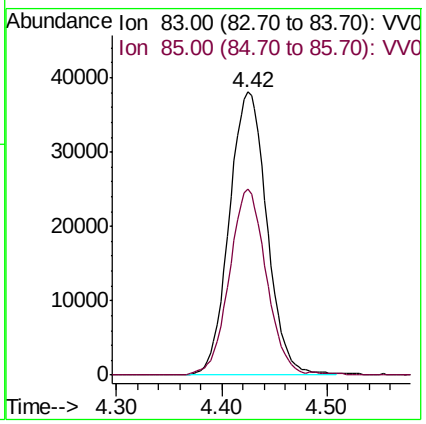


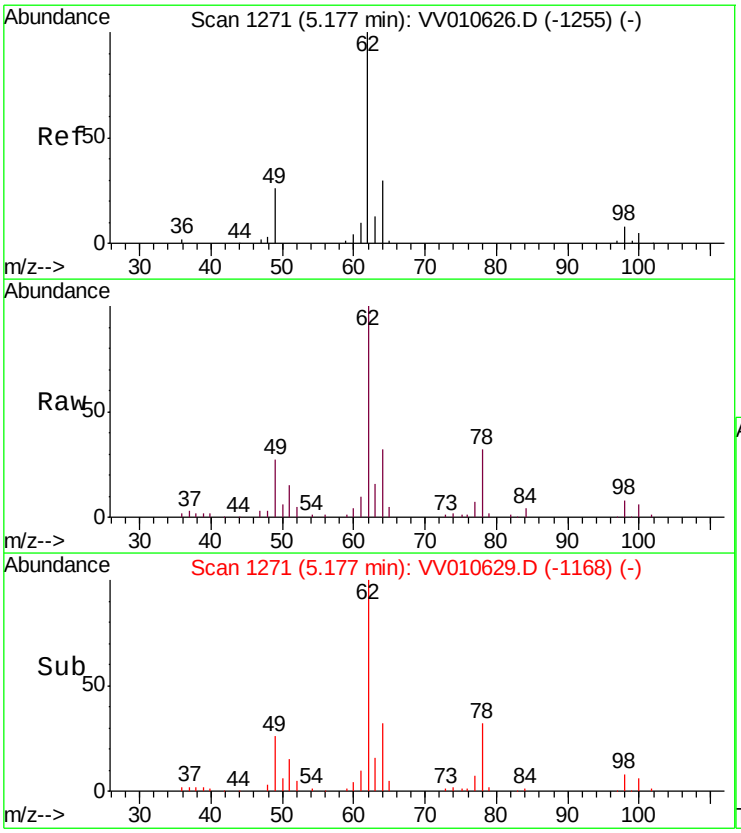

#25
Chloroform
Concen: 23.695 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV65

Tgt Ion: 83 Resp: 94374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.3 | 46.3 | 86.1 |

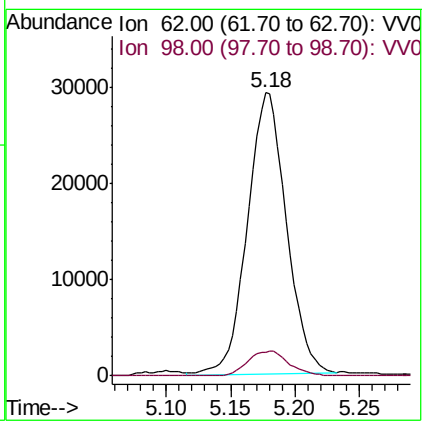


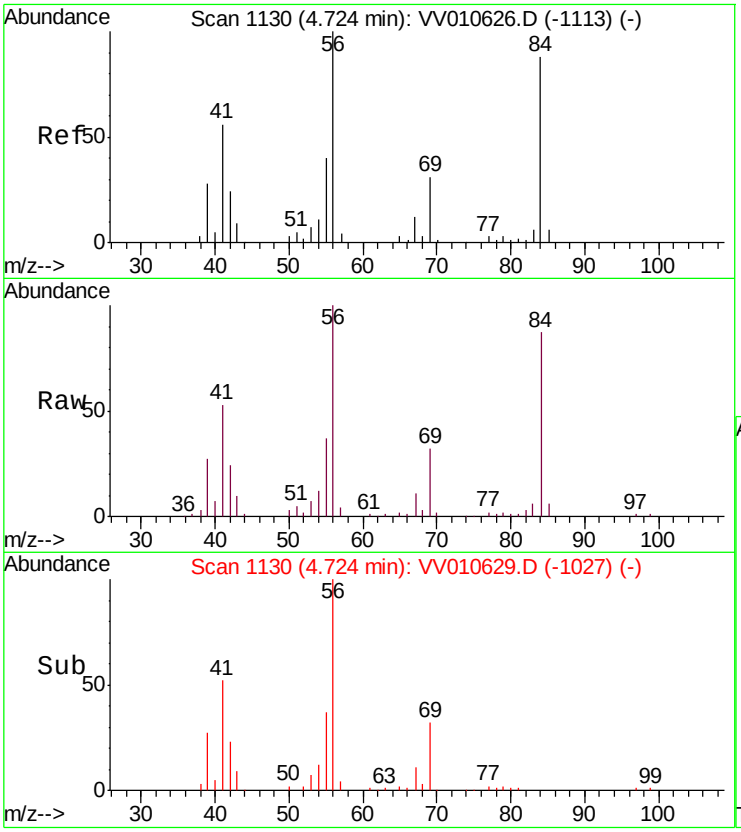




#27
1,2-Dichloroethane
Concen: 23.948 ug/L
RT: 5.18 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion: 62 Resp: 61780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.4 | 6.6 | 10.0 |



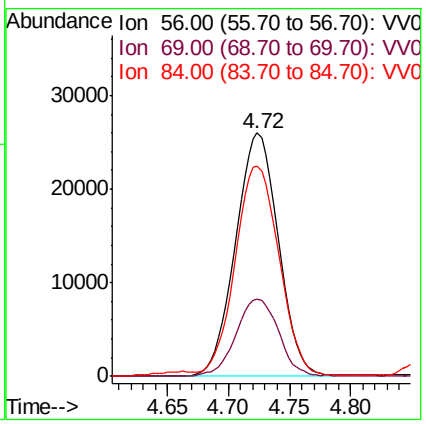


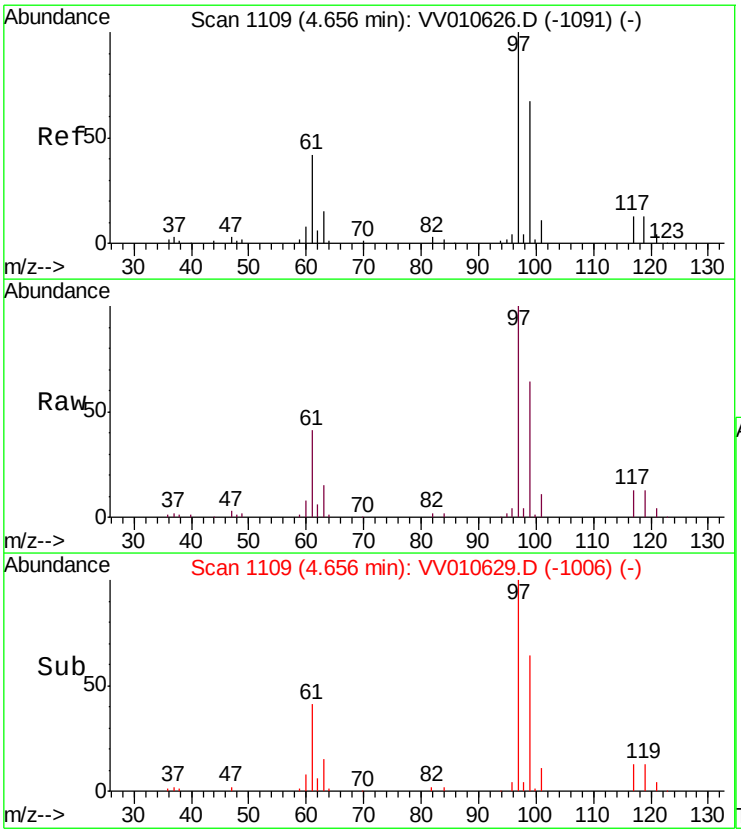

#30
Cyclohexane
Concen: 21.691 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV65

Tgt Ion: 56 Resp: 63258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.5 | 25.0 | 37.6 |
| 84 | 87.5 | 71.6 | 107.4 |

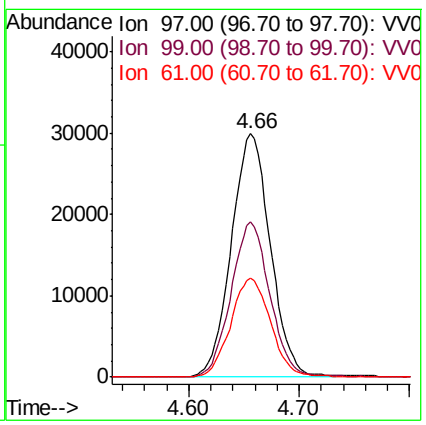


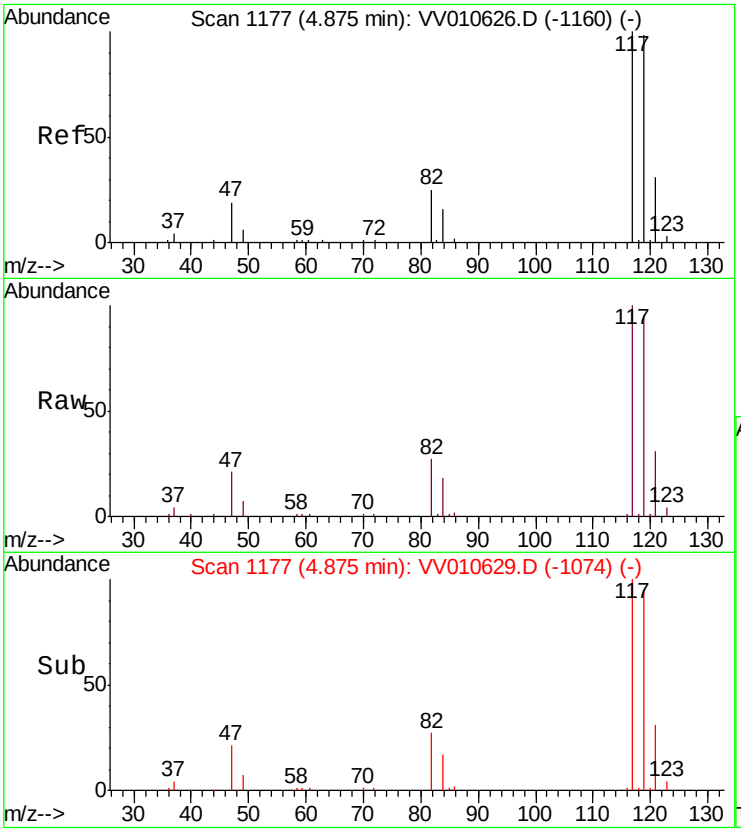




#31
1,1,1-Trichloroethane
Concen: 22.668 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion: 97 Resp: 73424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.1 | 50.3 | 75.5 |
| 61 | 41.3 | 34.1 | 51.1 |



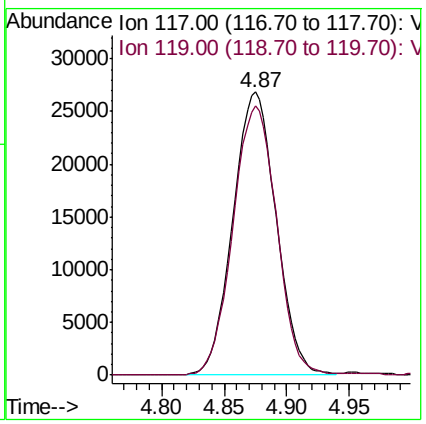


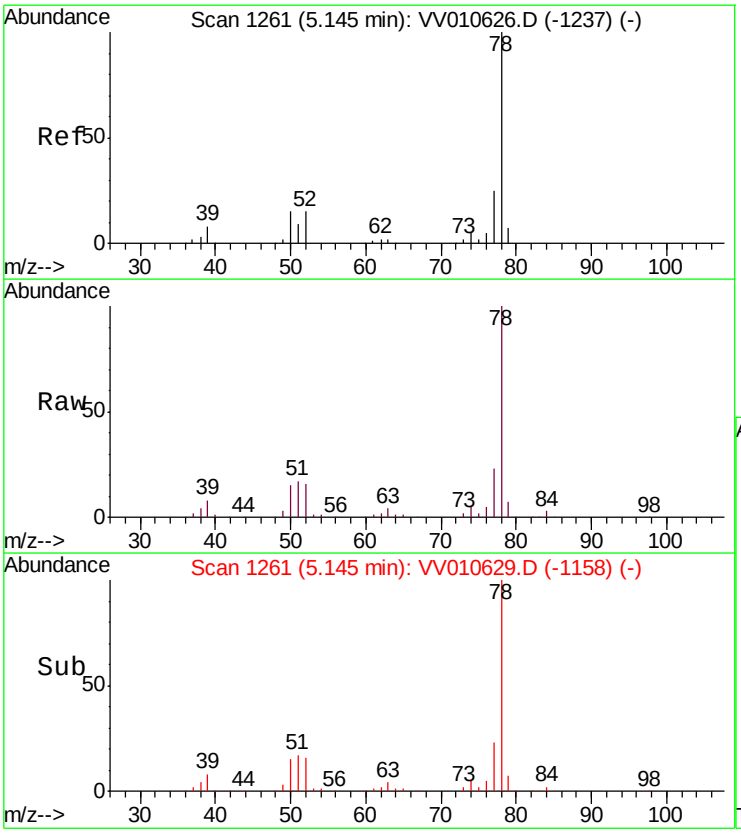

#32
Carbon tetrachloride
Concen: 22.230 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV65

Tgt Ion:117 Resp: 64458

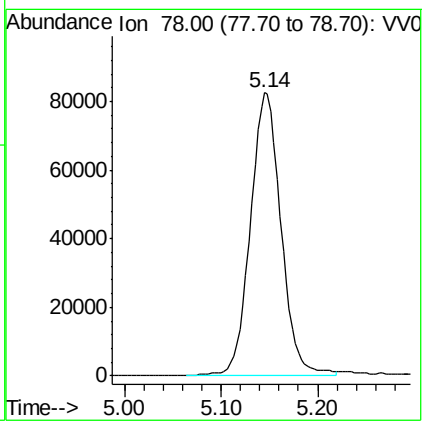
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.7 | 76.8 | 115.2 |

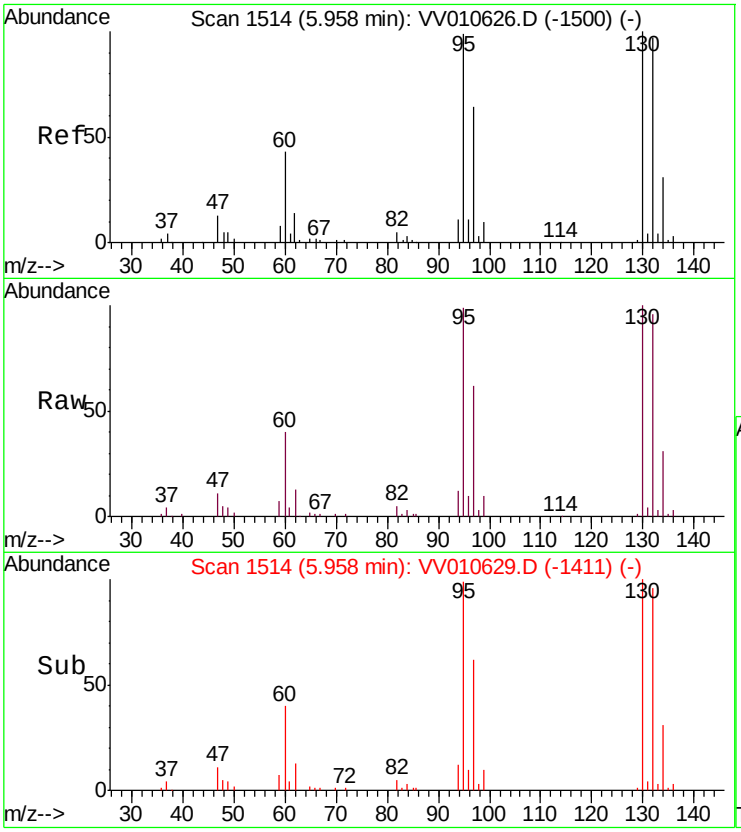



#34
Benzene
Concen: 22.990 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion: 78 Resp: 182231



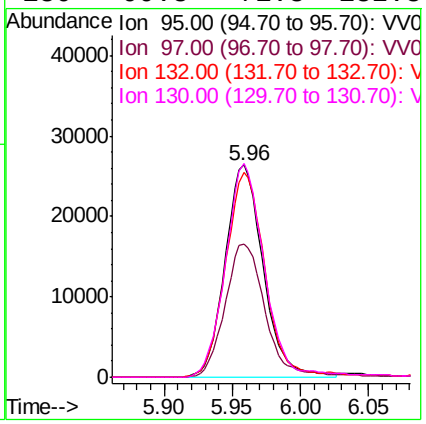


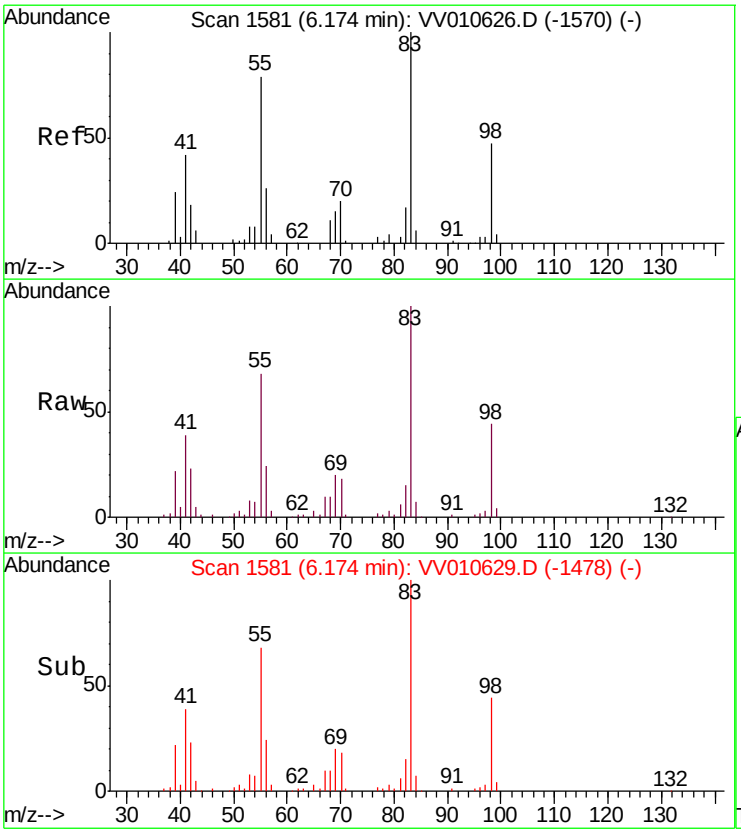

#35
Trichloroethene
Concen: 22.659 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV65

Tgt Ion: 95 Resp: 51230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 66.2 | 45.0 | 83.6 |
| 132 | 98.2 | 69.9 | 129.9 |
| 130 | 99.8 | 71.3 | 132.3 |

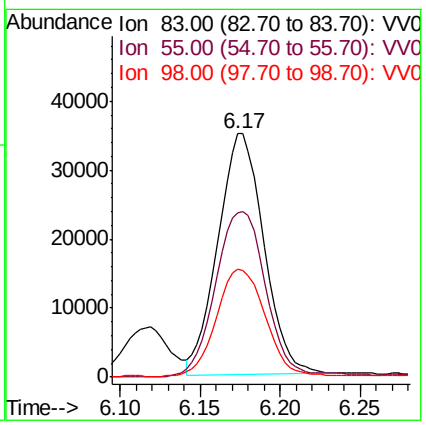


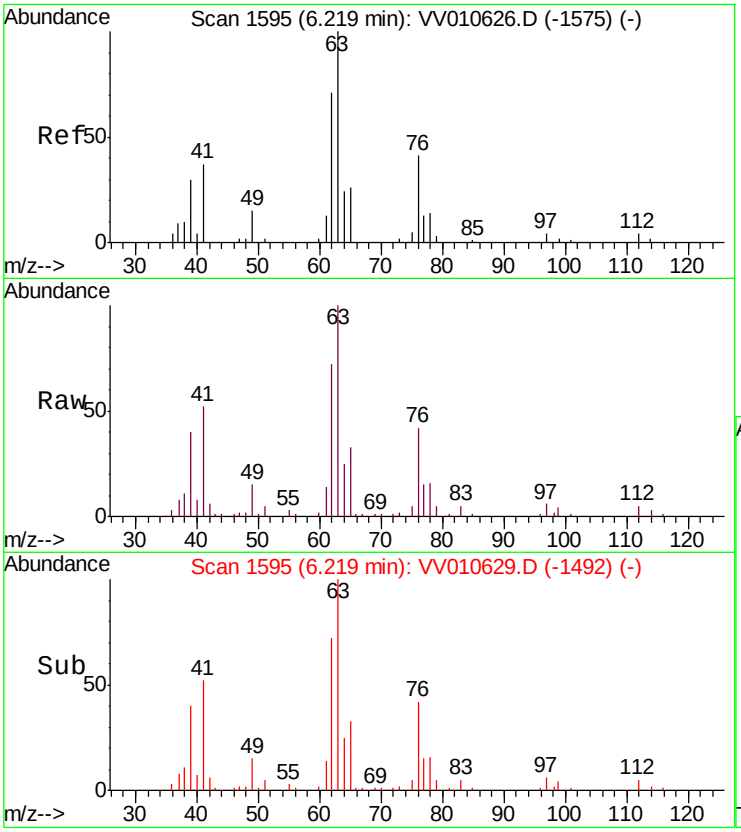




#36
Methylcyclohexane
Concen: 21.310 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion: 83 Resp: 68842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 75.0 | 61.4 | 92.0 |
| 98 | 47.3 | 37.4 | 56.2 |



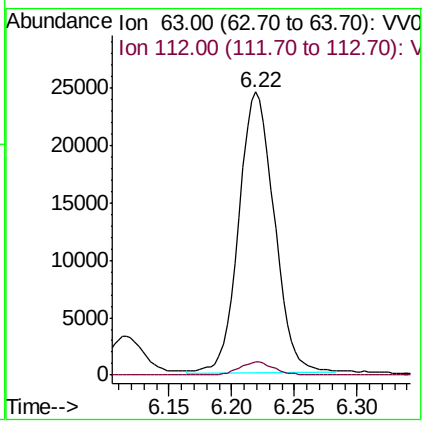


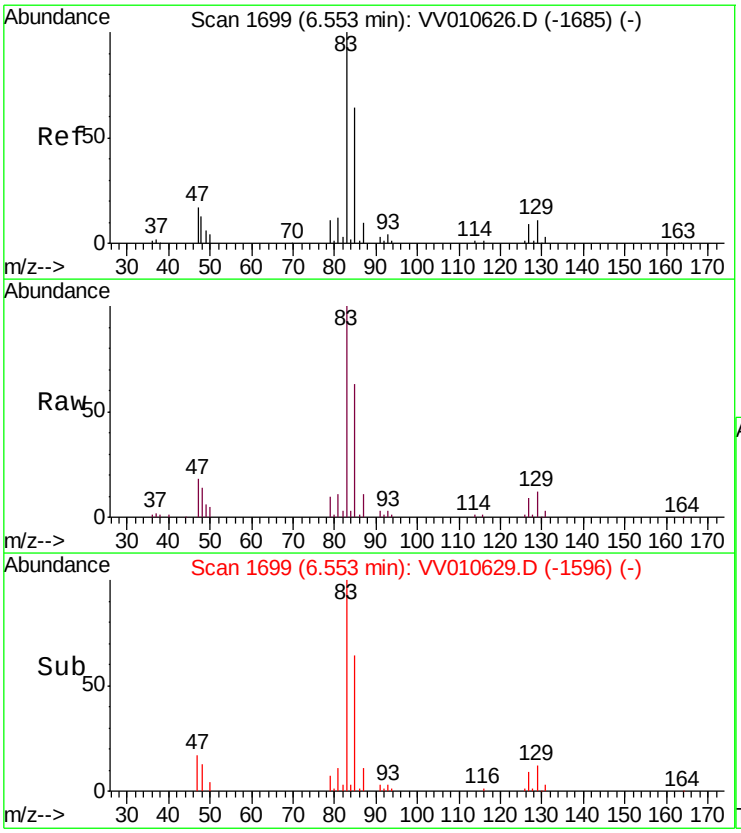

#40
1,2-Dichloropropane
Concen: 23.386 ug/L
RT: 6.22 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :** MSVOA_V
**ClientSampleId :** VICV65

Tgt Ion: 63 Resp: 48213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 4.5 | 3.4 | 5.0 |

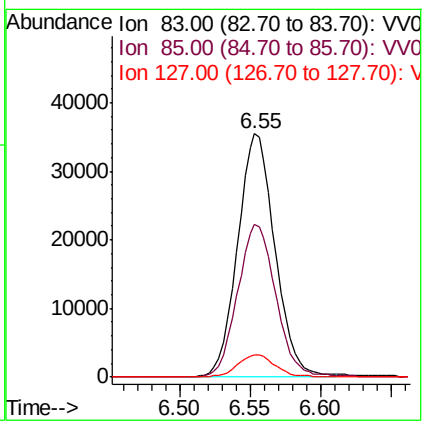


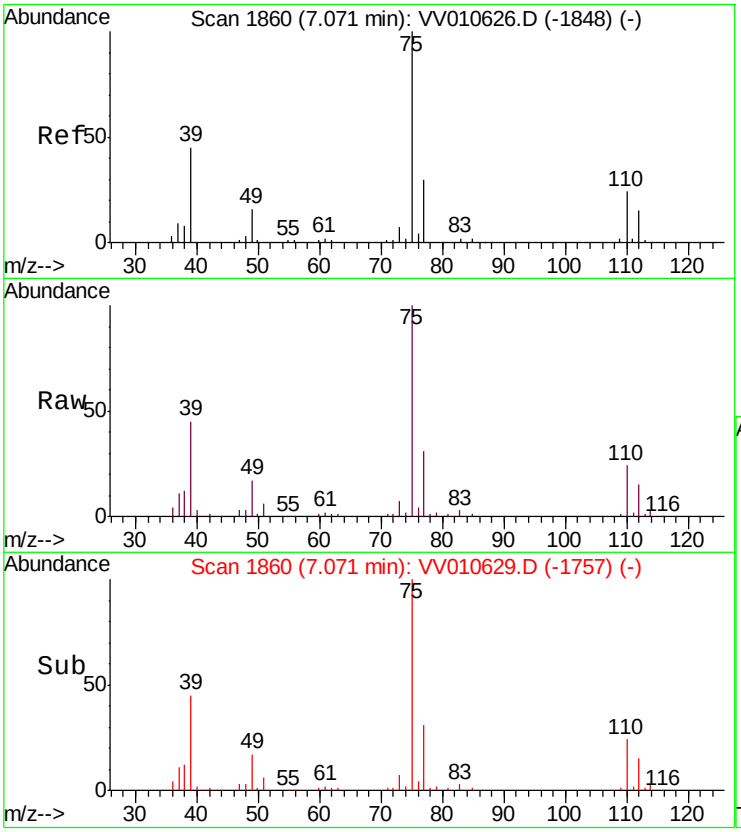




#41
Bromodichloromethane
Concen: 24.101 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion: 83 Resp: 65793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.8 | 45.1 | 83.9 |
| 127 | 9.0 | 7.2 | 10.8 |



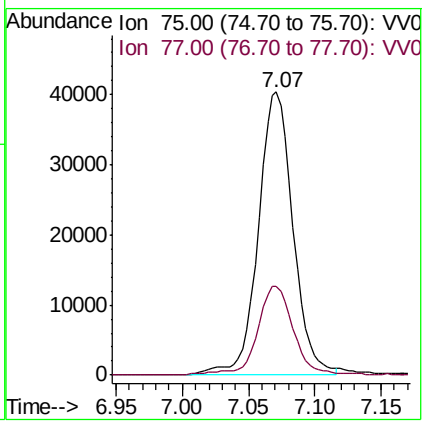


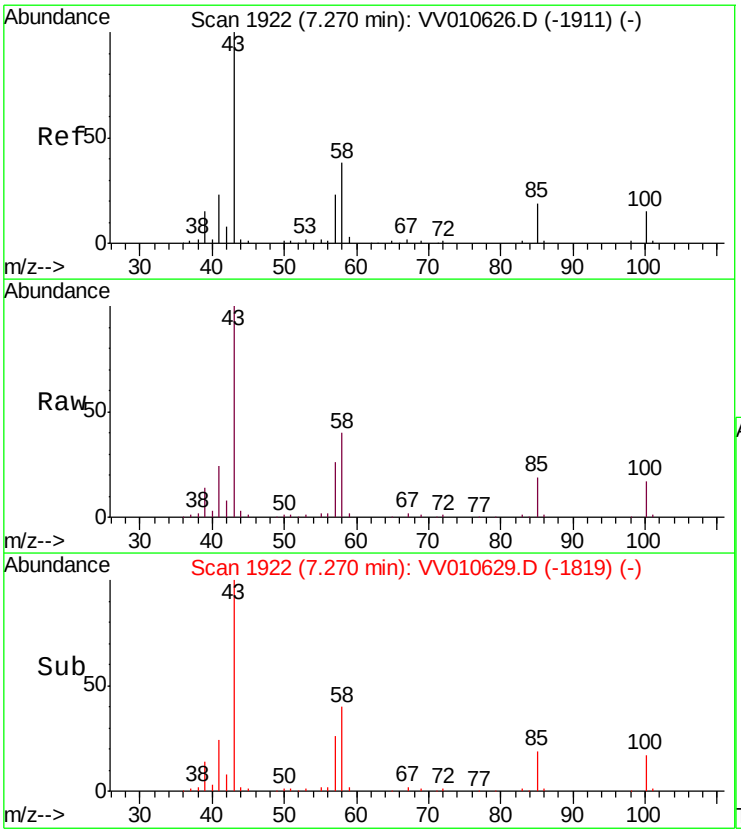

#42
cis-1,3-Dichloropropene
Concen: 24.593 ug/L
RT: 7.07 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :** MSVOA_V
**ClientSampleId :** VICV65

Tgt Ion: 75 Resp: 74163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.4 | 21.8 | 40.4 |

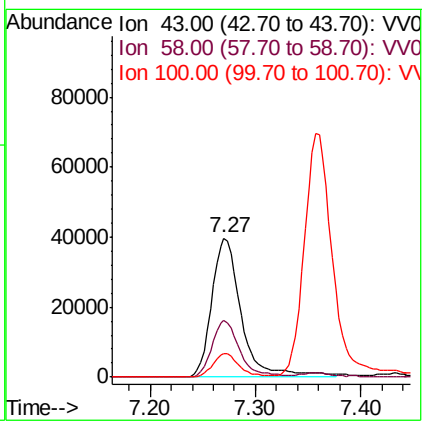


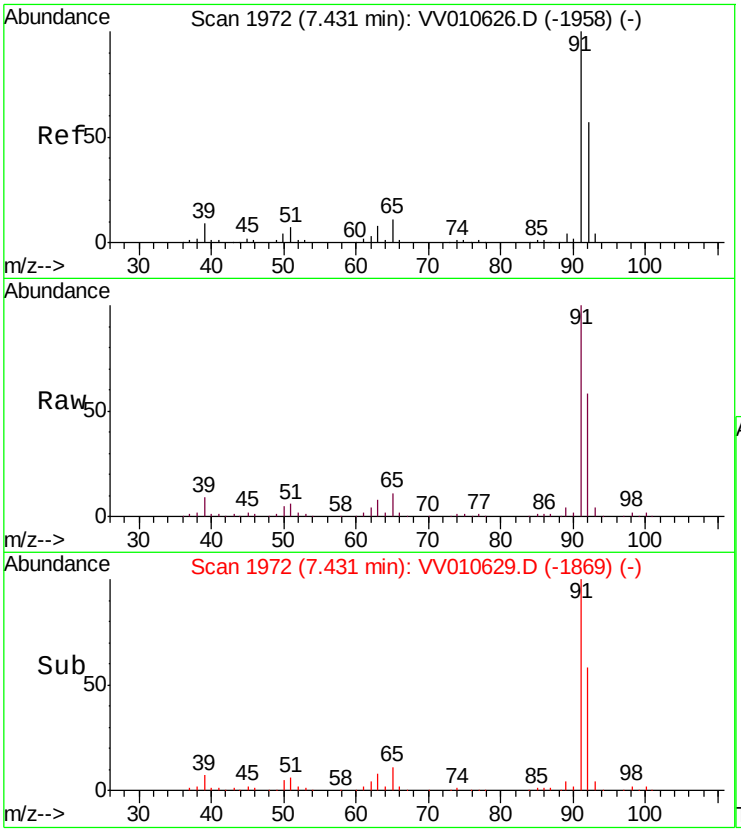




#43
4-Methyl-2-pentanone
Concen: 53.521 ug/L
RT: 7.27 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion: 43 Resp: 77692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.6 | 29.6 | 44.4 |
| 100 | 15.1 | 11.2 | 16.8 |



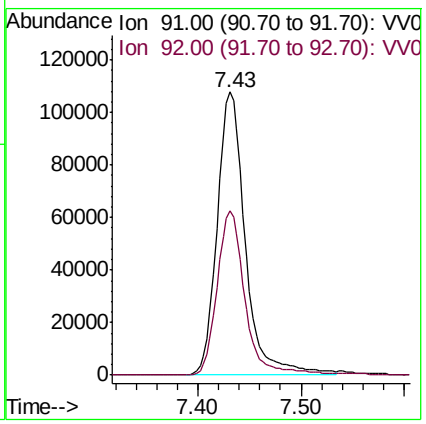


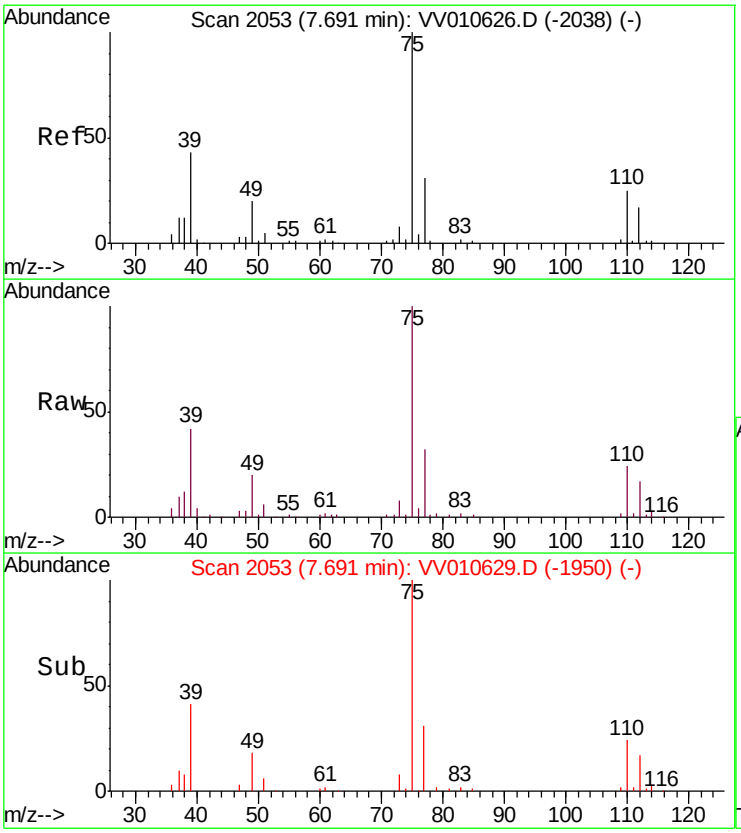

#44
Toluene
Concen: 23.478 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV65

Tgt Ion: 91 Resp: 205391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 57.9 | 40.1 | 74.5 |

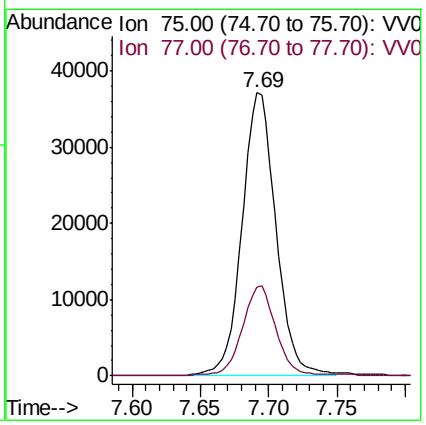


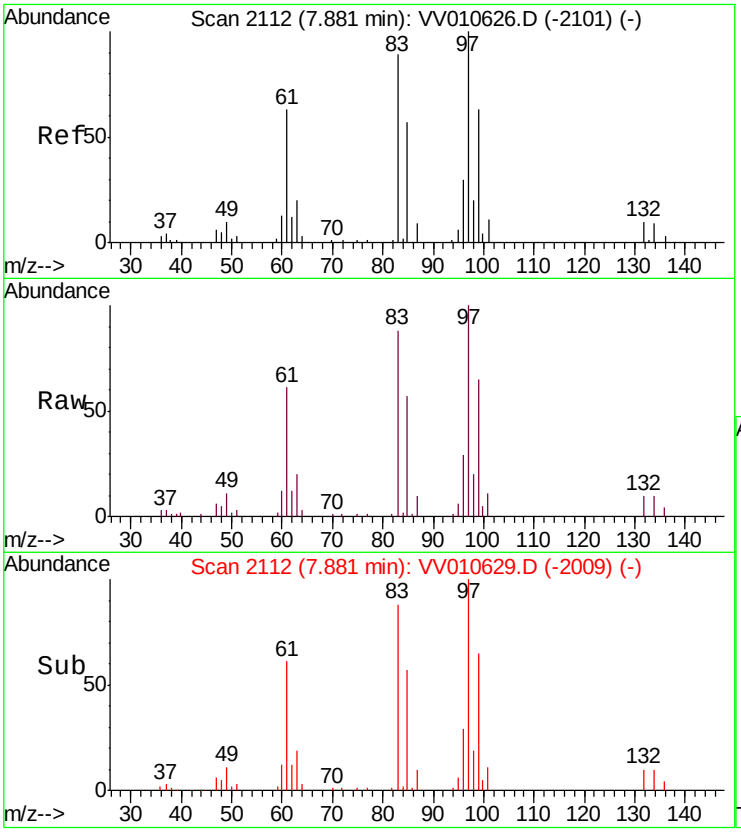




#45
trans-1,3-Dichloropropene
Concen: 25.327 ug/L
RT: 7.69 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion: 75 Resp: 64279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.6 | 21.8 | 40.6 |



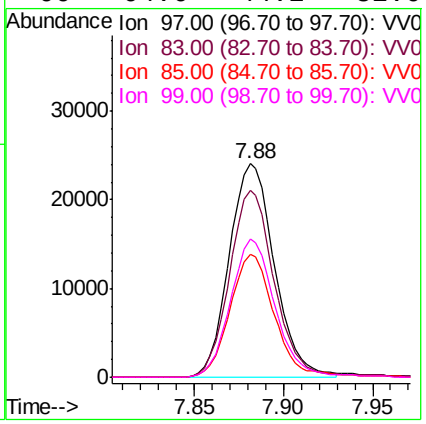


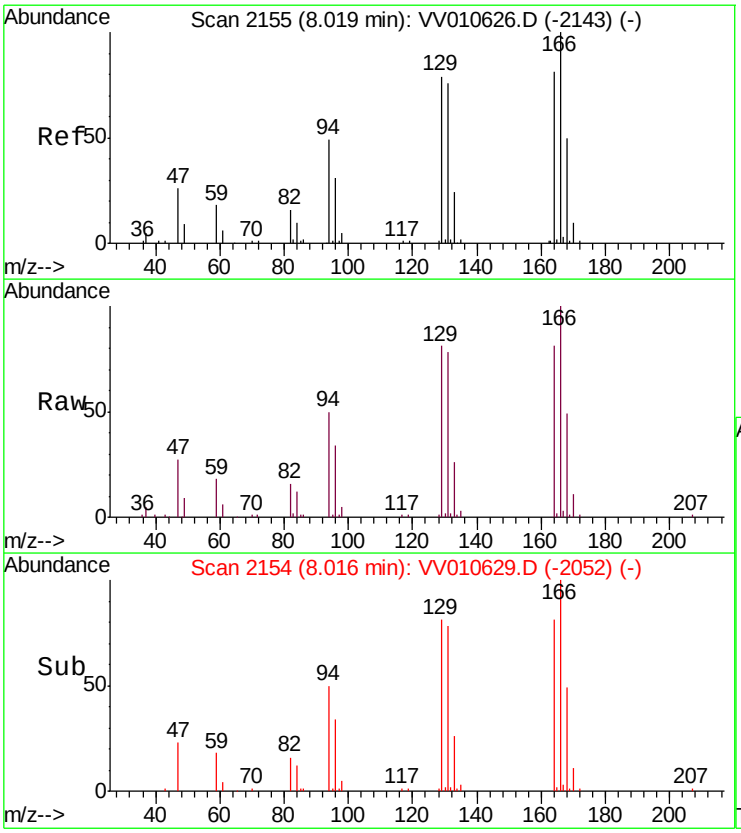

#46
1,1,2-Trichloroethane
Concen: 24.743 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV65

Tgt Ion: 97 Resp: 42595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 87.6 | 62.1 | 115.3 |
| 85 | 57.3 | 39.8 | 74.0 |
| 99 | 64.6 | 44.2 | 82.0 |

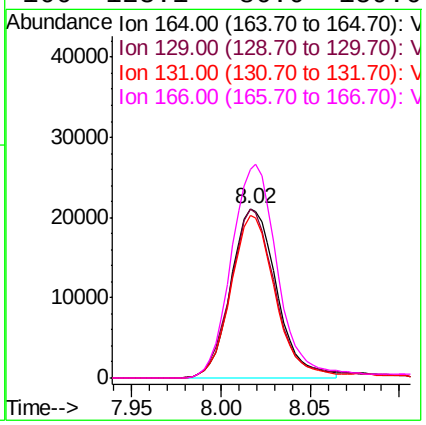


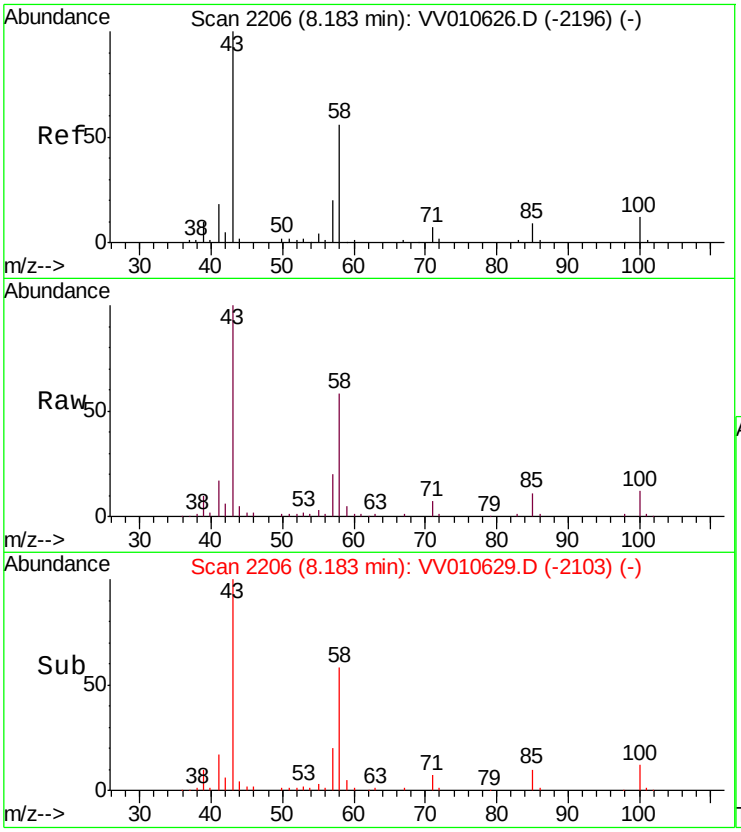




#47
Tetrachloroethene
Concen: 21.417 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion:164 Resp: 37745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 100.1 | 67.5 | 125.4 |
| 131 | 96.0 | 65.1 | 120.9 |
| 166 | 123.1 | 86.0 | 159.6 |



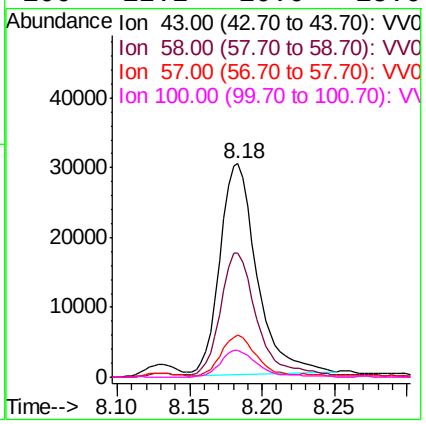


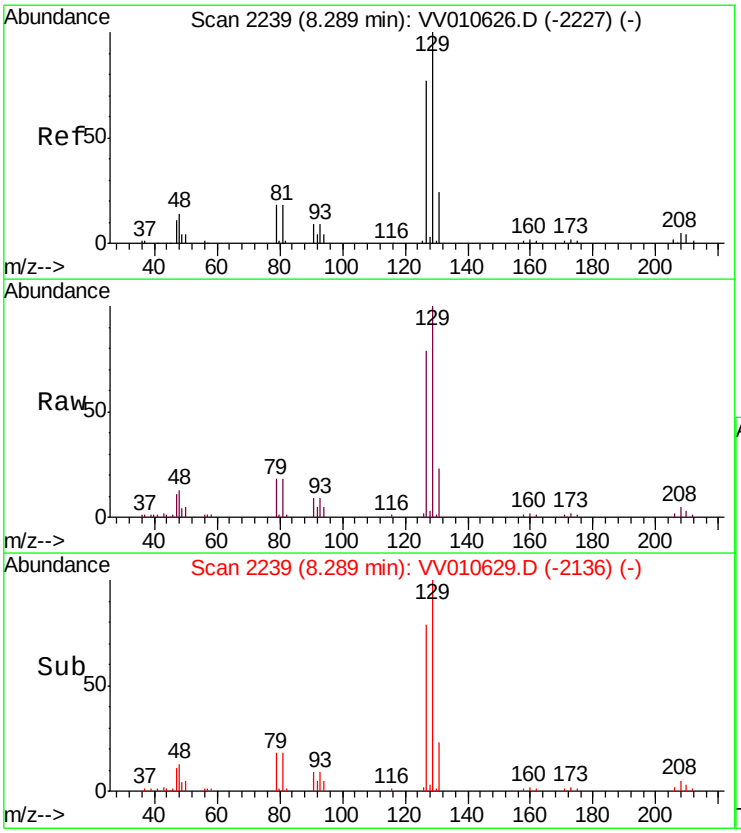

#49
2-Hexanone
Concen: 49.788 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV65

Tgt Ion: 43 Resp: 53727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 57.9 | 42.5 | 63.7 |
| 57 | 18.6 | 14.4 | 21.6 |
| 100 | 12.2 | 10.0 | 15.0 |

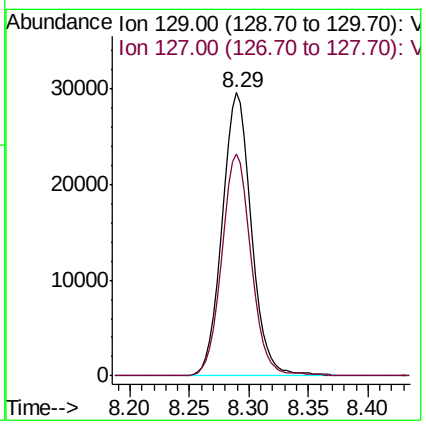


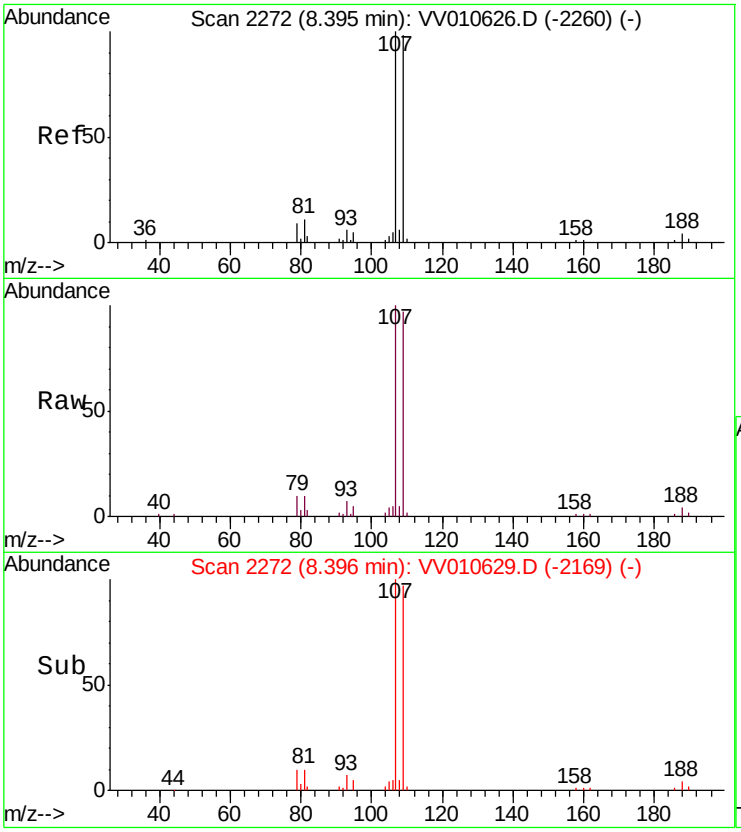




#50
Dibromochloromethane
Concen: 24.738 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion:129 Resp: 50505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.6 | 53.9 | 100.1 |



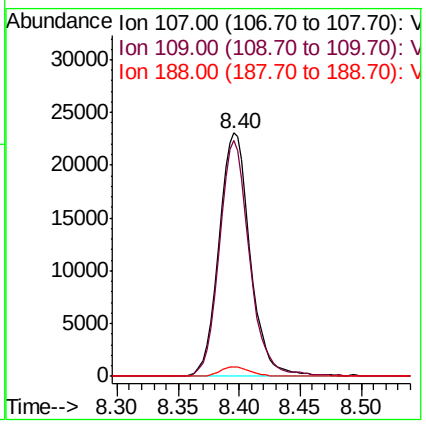


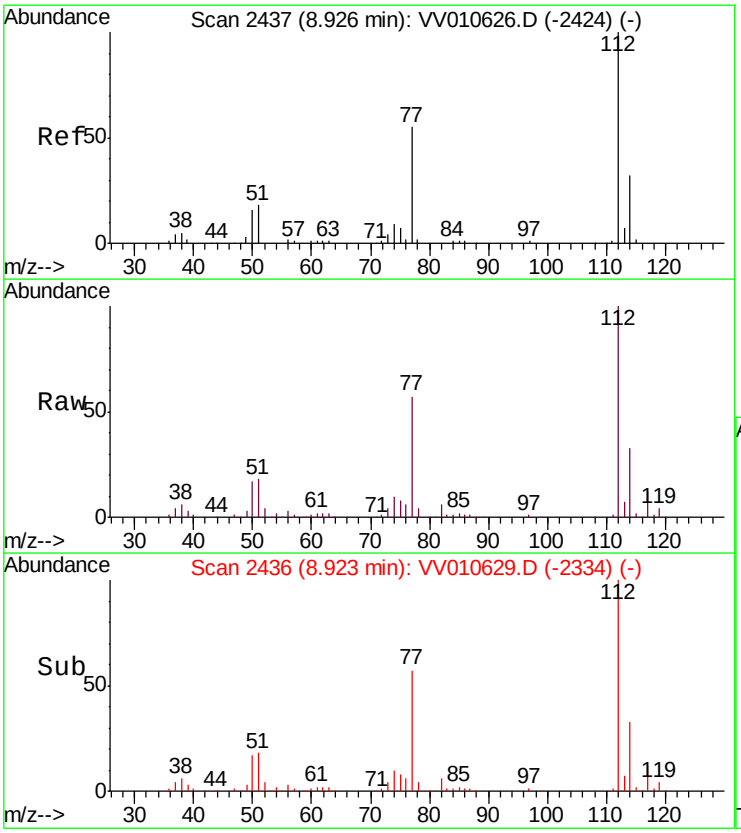

#51
1,2-Dibromoethane
Concen: 24.959 ug/L
RT: 8.40 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :** MSVOA_V
**ClientSampleId :** VICV65

Tgt Ion:107 Resp: 41445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 97.2 | 68.7 | 127.7 |
| 188 | 4.0 | 3.0 | 4.4 |

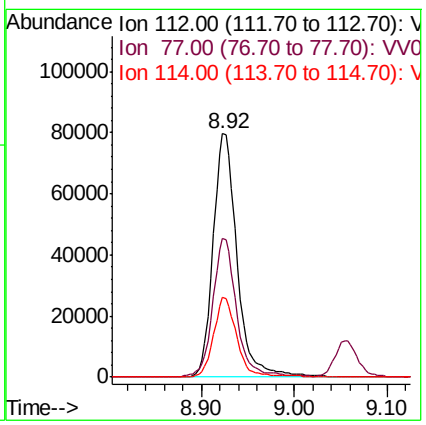


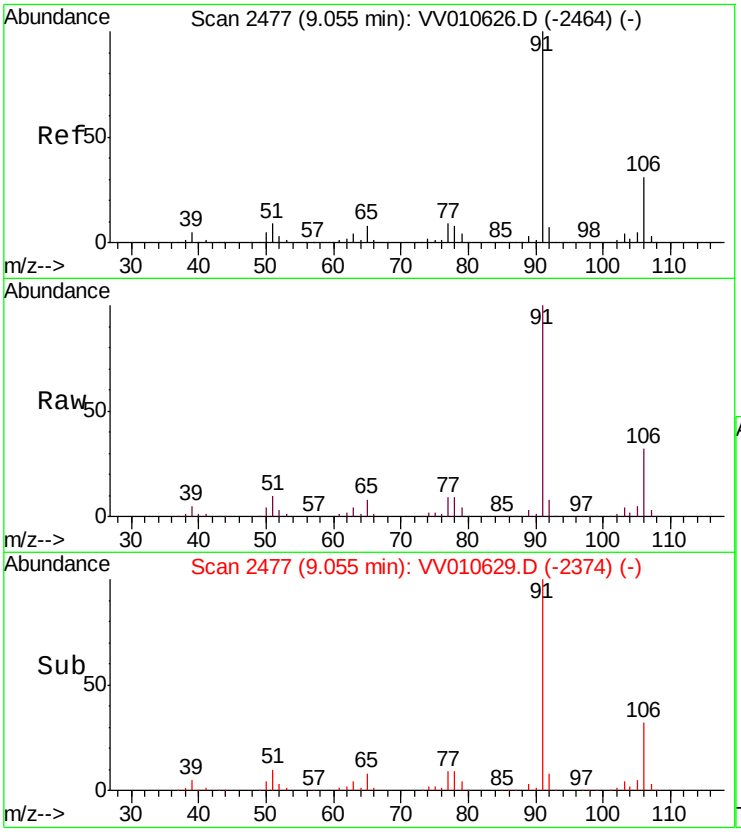




#52
Chlorobenzene
Concen: 23.409 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion:112 Resp: 142923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 77 | 56.7 | 44.5 | 66.7 |
| 114 | 32.6 | 22.5 | 41.7 |



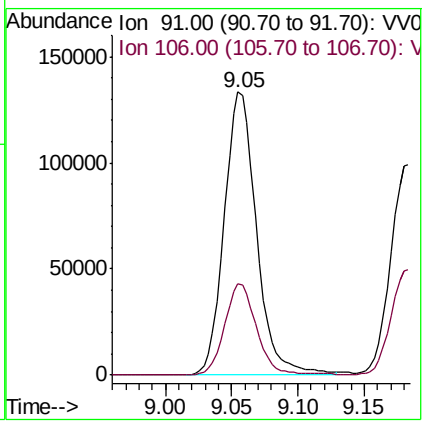


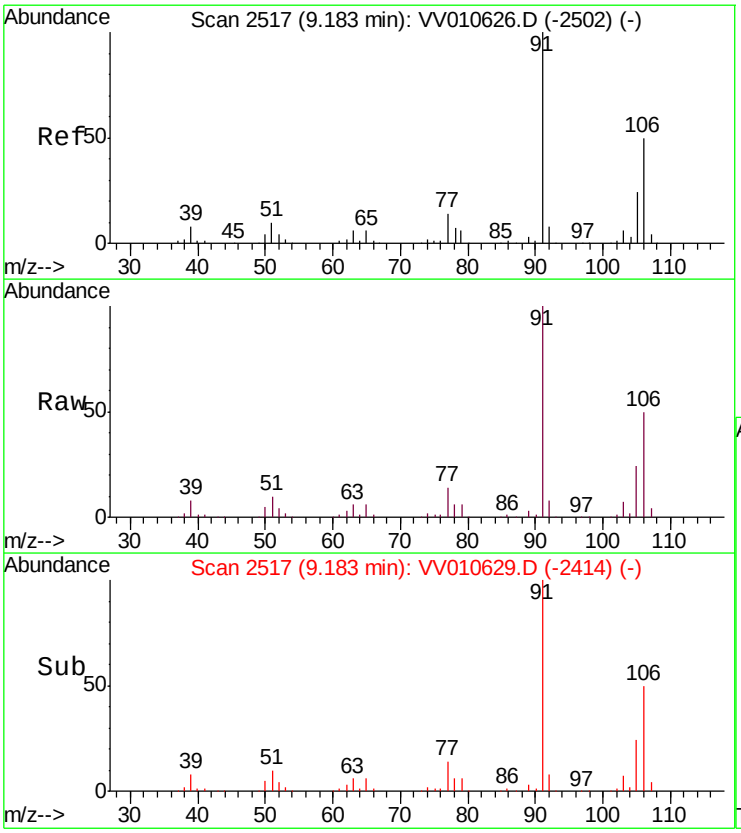

#53
Ethylbenzene
Concen: 22.894 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :** MSVOA_V
**ClientSampleId :** VICV65

Tgt Ion: 91 Resp: 226516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.2 | 22.0 | 41.0 |

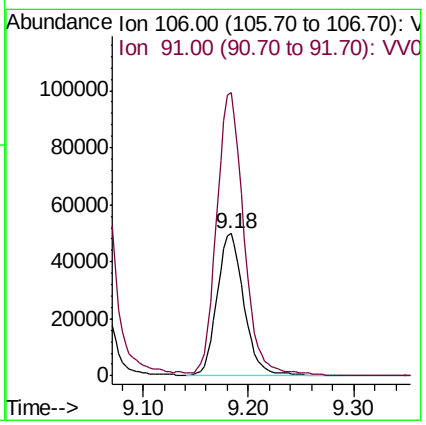


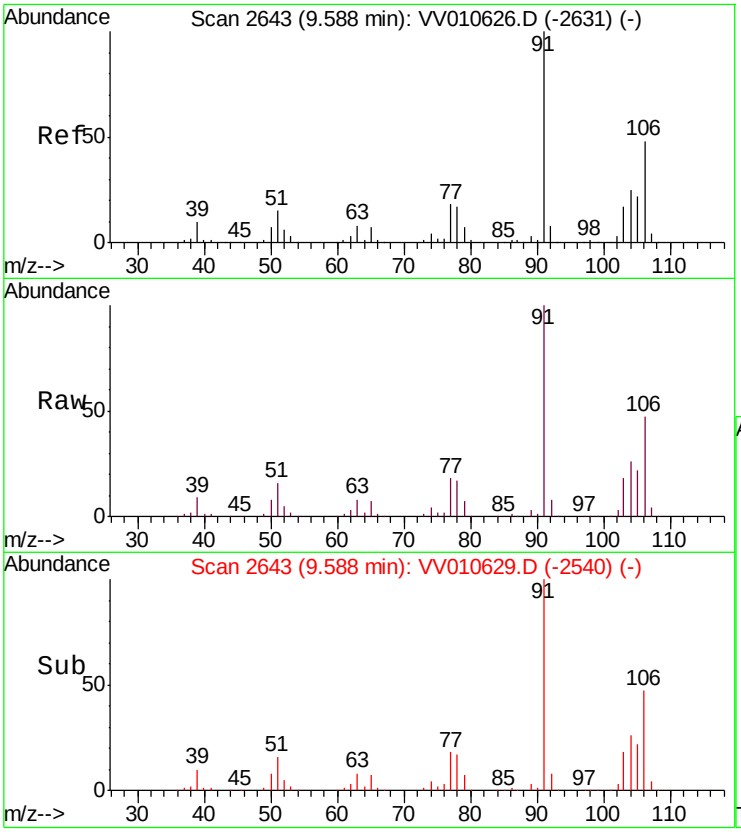




#54
m,p-Xylene
Concen: 23.699 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion:106 Resp: 88848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 198.7 | 140.4 | 260.8 |



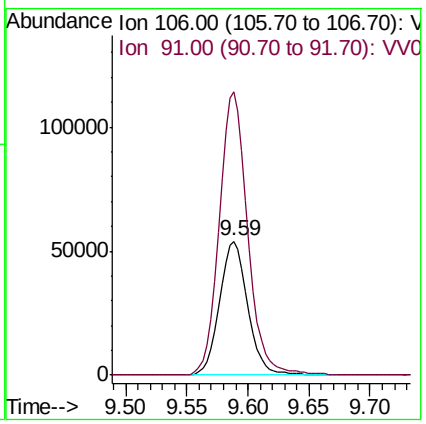


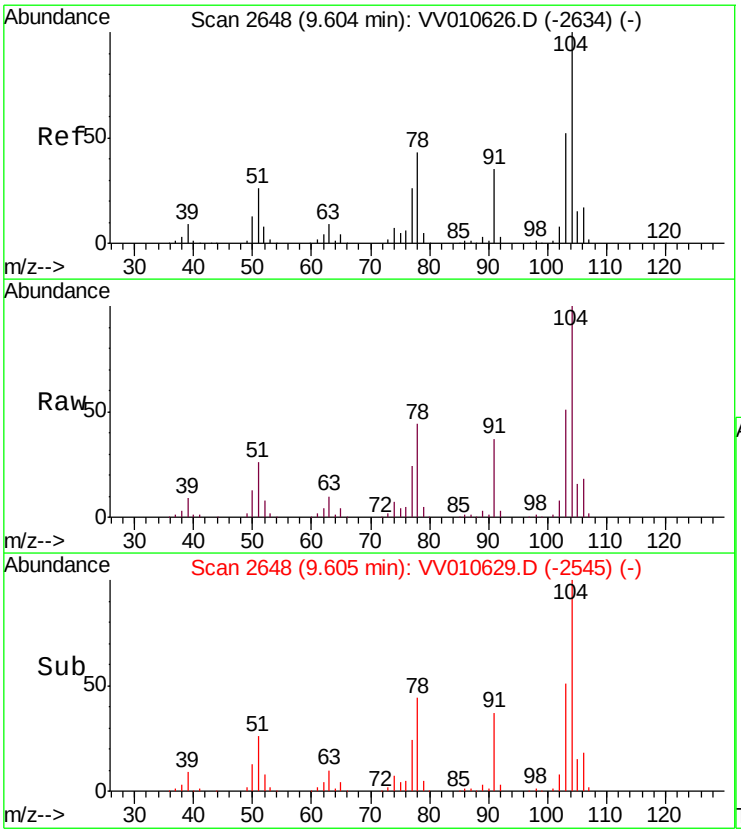

#55
o-xylene
Concen: 24.049 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV65

Tgt Ion:106 Resp: 88084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 211.4 | 147.3 | 273.5 |

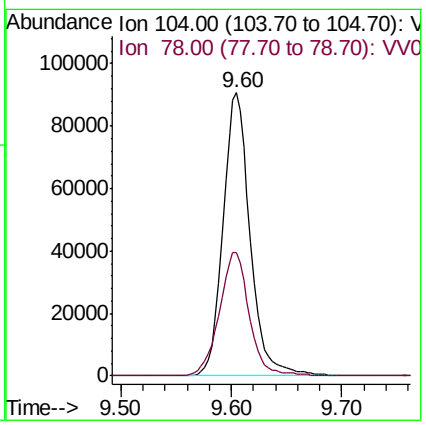


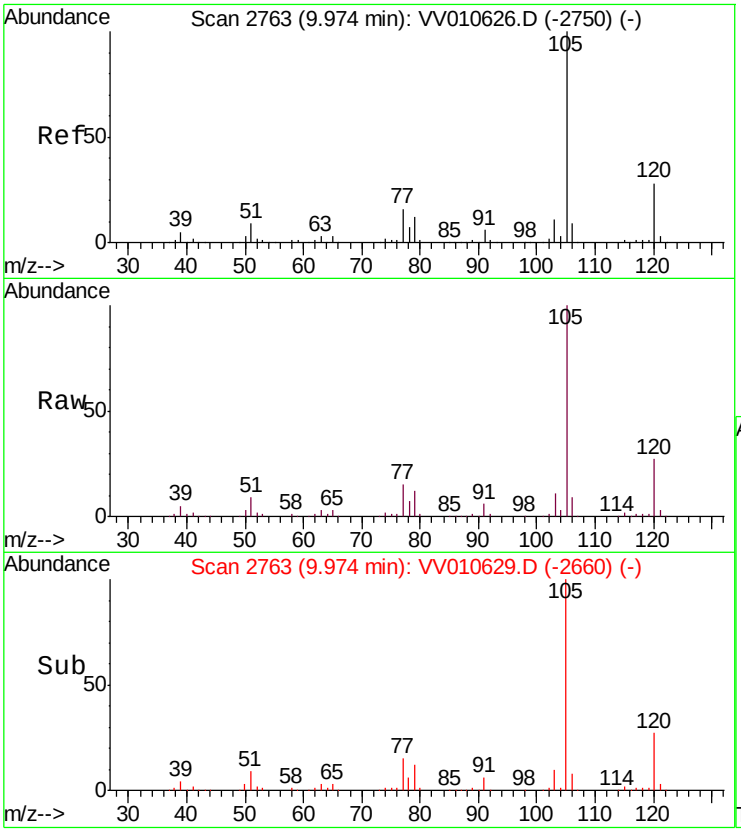




#56
Styrene
Concen: 24.765 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion:104 Resp: 153945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 43.6 | 30.4 | 56.5 |



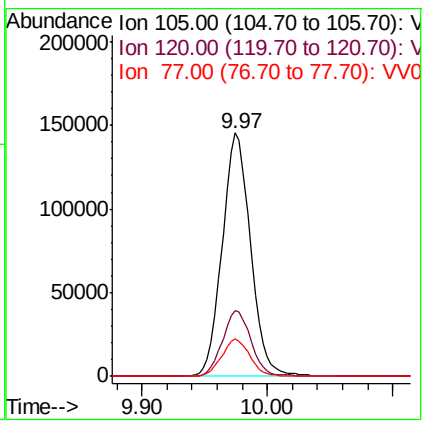


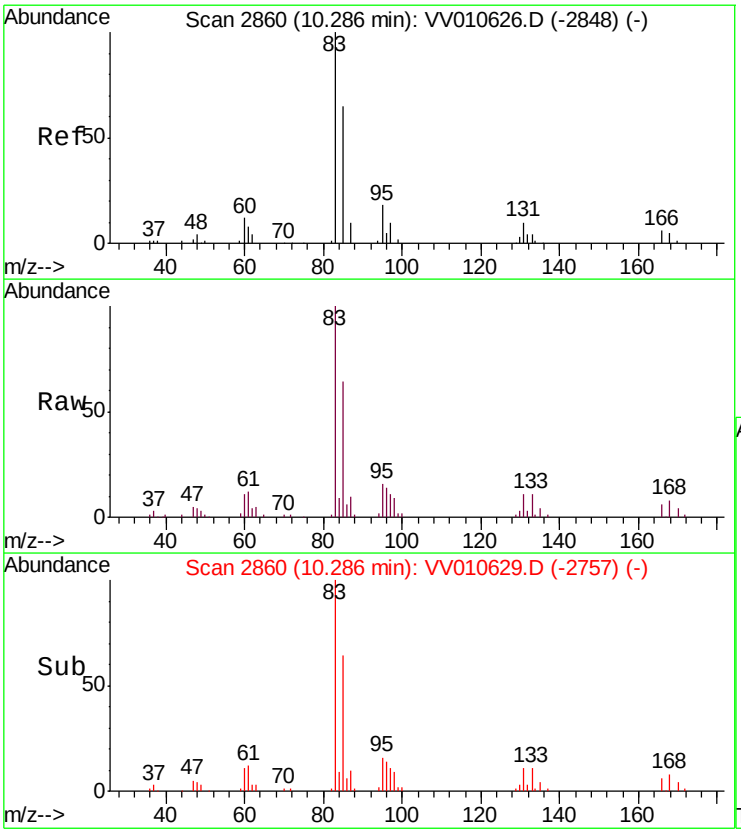

#57
Isopropylbenzene
Concen: 23.720 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :** MSVOA_V
**ClientSampleId :** VICV65

Tgt Ion:105 Resp: 227981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.2 | 21.7 | 32.5 |
| 77 | 15.3 | 12.3 | 18.5 |

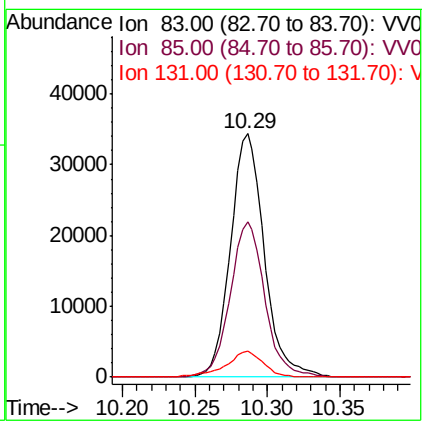


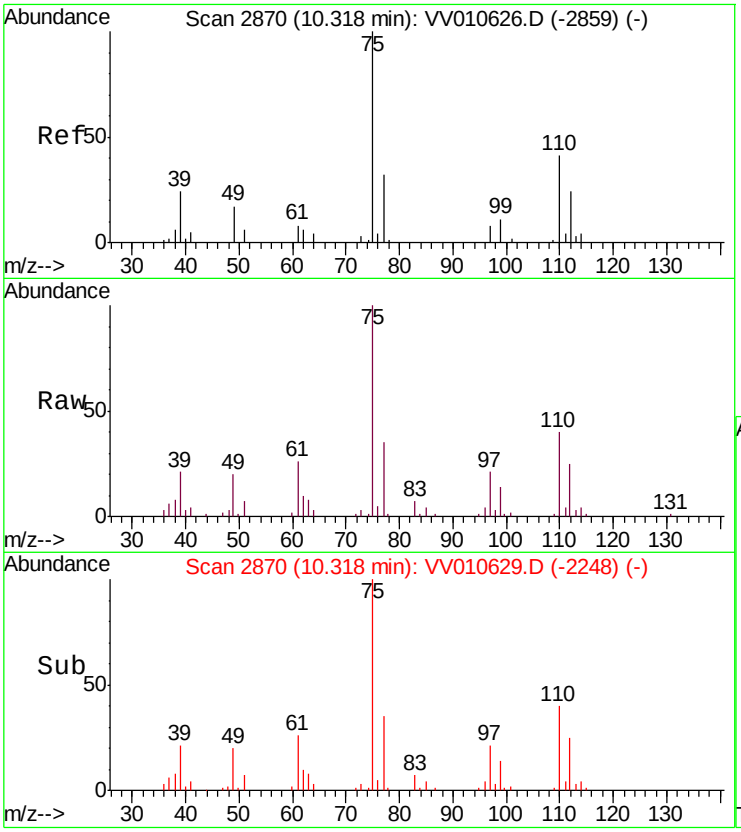




#58
1,1,2,2-Tetrachloroethane
Concen: 25.903 ug/L
RT: 10.29 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion: 83 Resp: 55627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.7 | 46.5 | 86.3 |
| 131 | 10.5 | 8.4 | 12.6 |



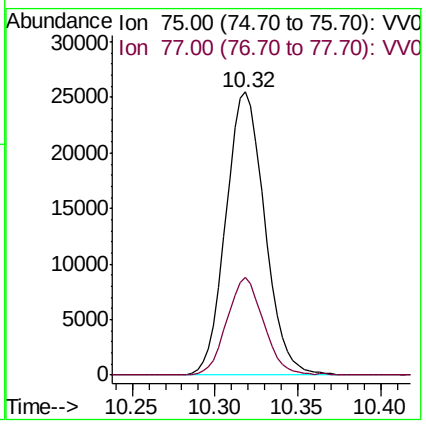


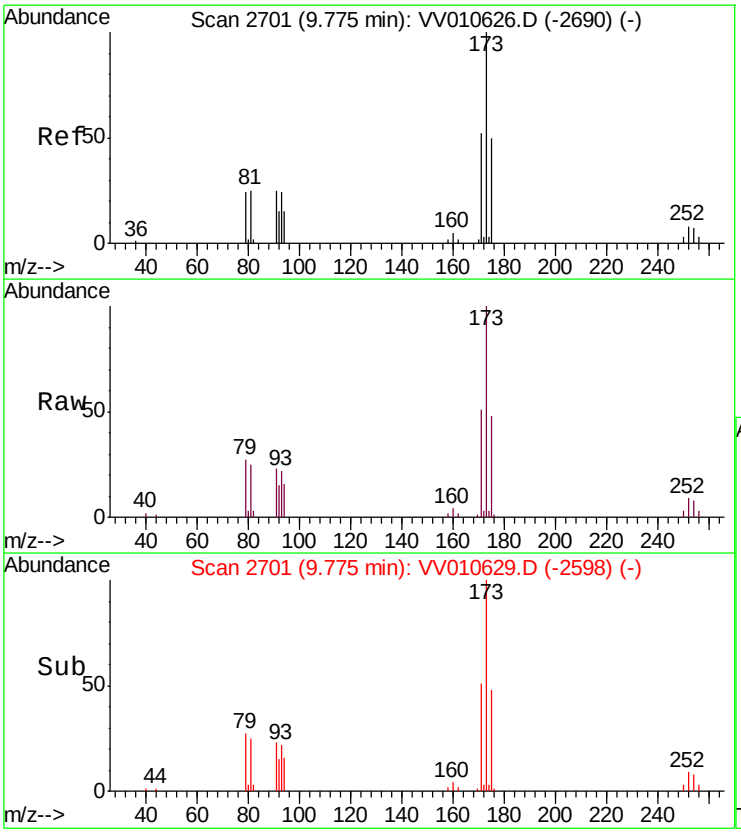

#59
1,2,3-Trichloropropane
Concen: 25.760 ug/L
RT: 10.32 min Scan# 2870
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :** MSVOA_V
**ClientSampleId :** VICV65

Tgt Ion: 75 Resp: 41618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.7 | 25.6 | 38.4 |

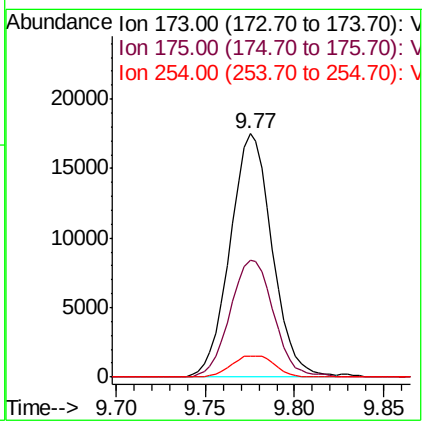


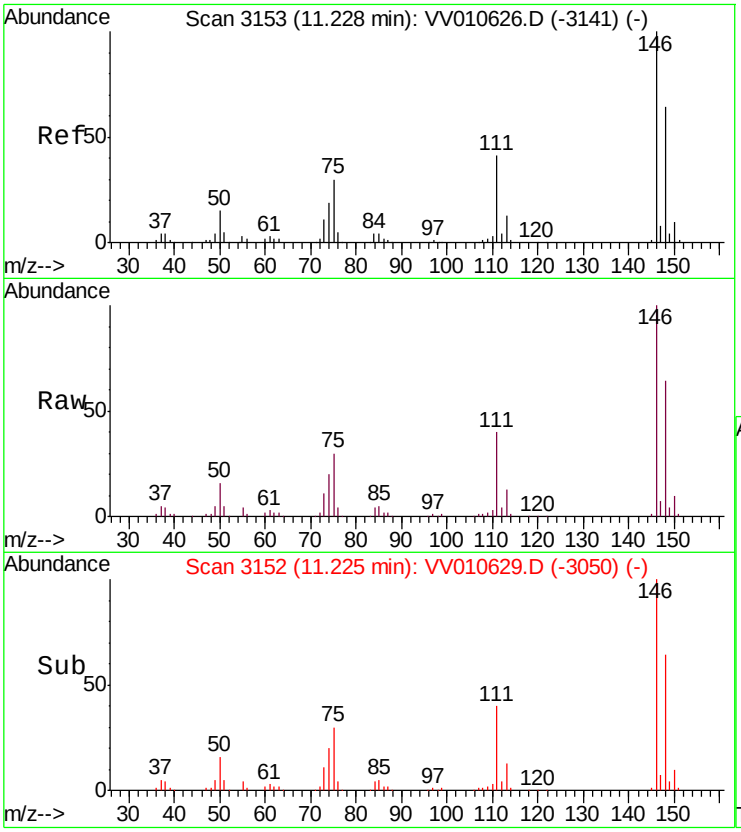




#62
Bromoform
Concen: 25.050 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion:173 Resp: 28845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.7 | 37.9 | 56.9 |
| 254 | 5.4 | 5.9 | 8.9# |



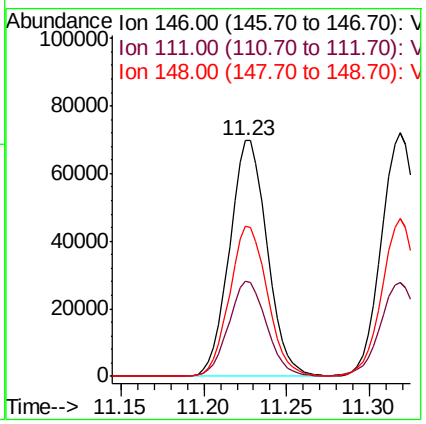


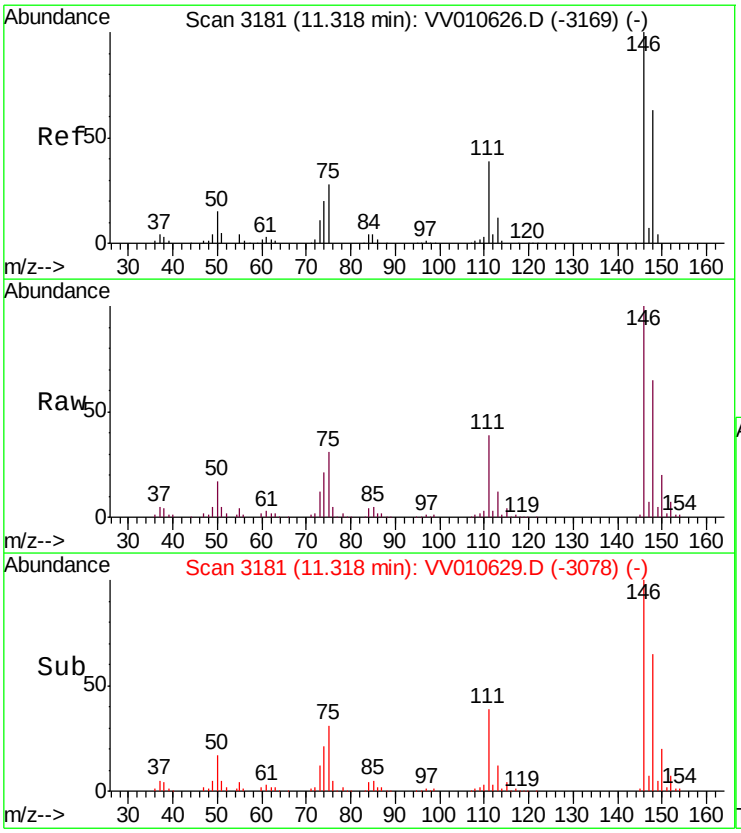

#63
1,3-Dichlorobenzene
Concen: 23.606 ug/L
RT: 11.23 min Scan# 3152
Delta R.T. -0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :** MSVOA_V
**ClientSampleId :** VICV65

Tgt Ion:146 Resp: 110596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.5 | 28.3 | 52.7 |
| 148 | 63.7 | 44.4 | 82.5 |

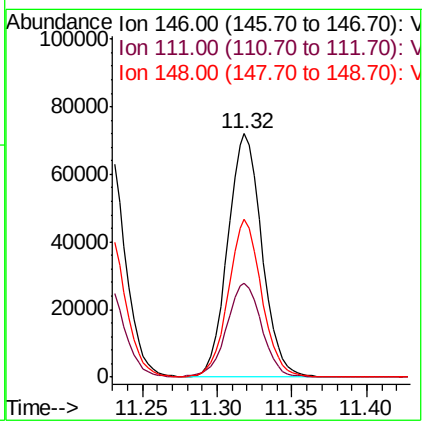


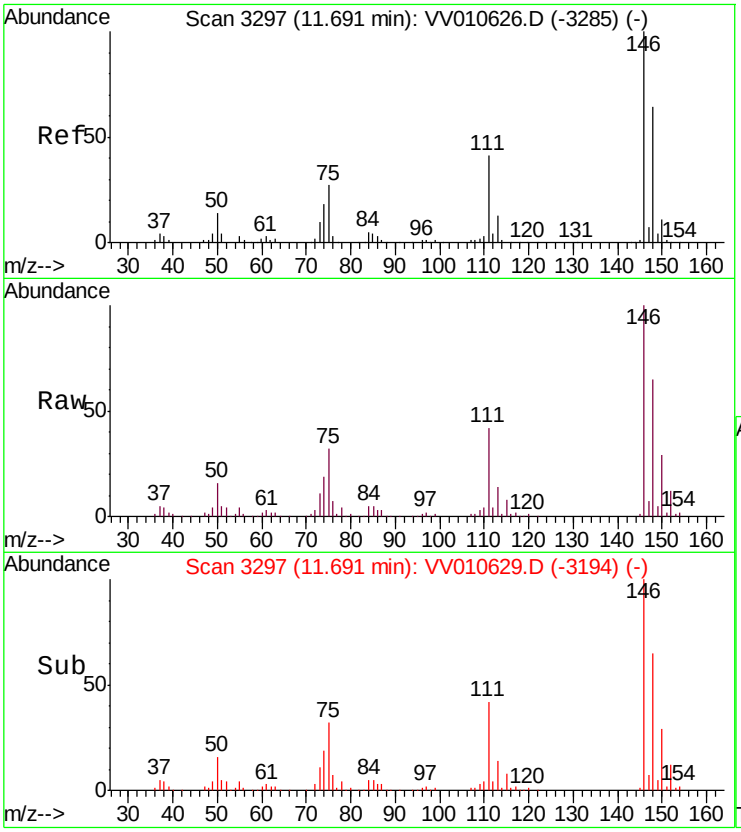




#64
1,4-Dichlorobenzene
Concen: 23.373 ug/L
RT: 11.32 min Scan# 3181
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion:146 Resp: 114351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.6 | 27.6 | 51.4 |
| 148 | 64.7 | 44.0 | 81.8 |



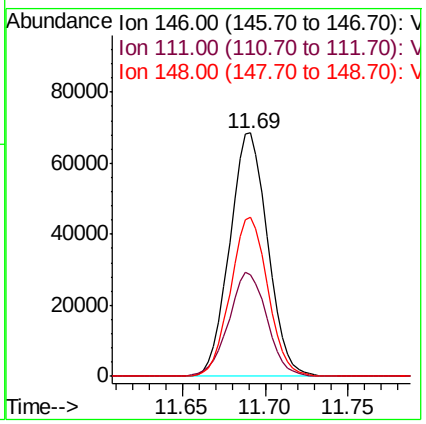


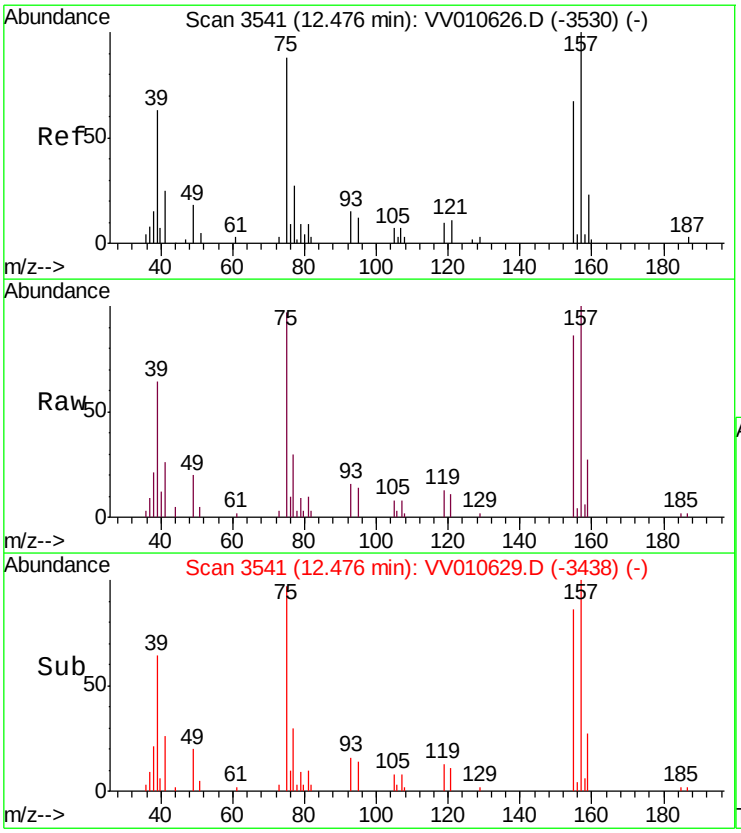

#65
1,2-Dichlorobenzene
Concen: 23.642 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :** MSVOA_V
**ClientSampleId :** VICV65

Tgt Ion:146 Resp: 109353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.9 | 32.7 | 49.1 |
| 148 | 65.4 | 51.0 | 76.6 |

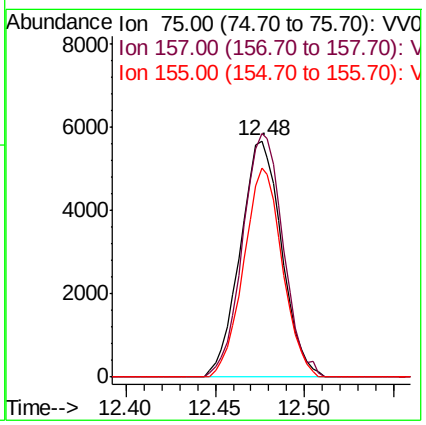


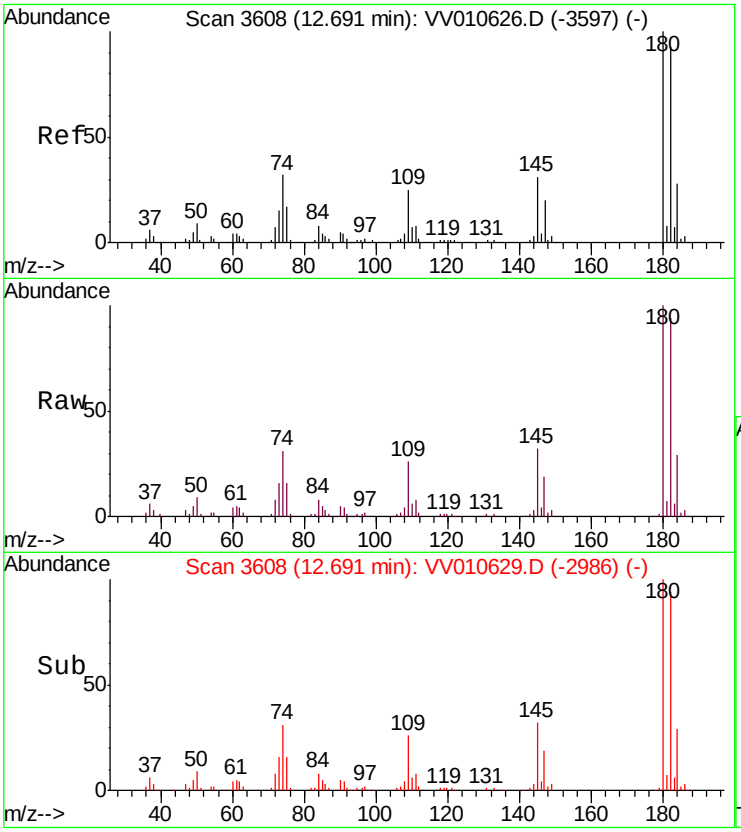




#66
1,2-Dibromo-3-chloropropane
Concen: 27.006 ug/L
RT: 12.48 min Scan# 3541
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion: 75 Resp: 9187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 157 | 103.1 | 91.1 | 136.7 |
| 155 | 88.5 | 61.0 | 91.6 |



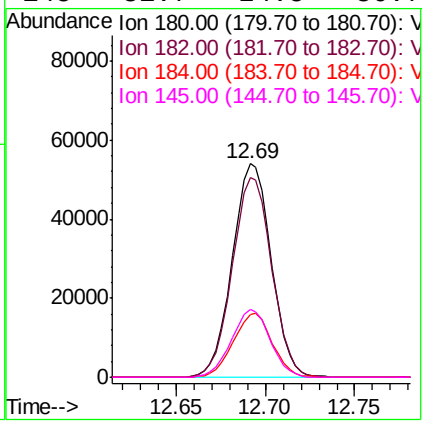


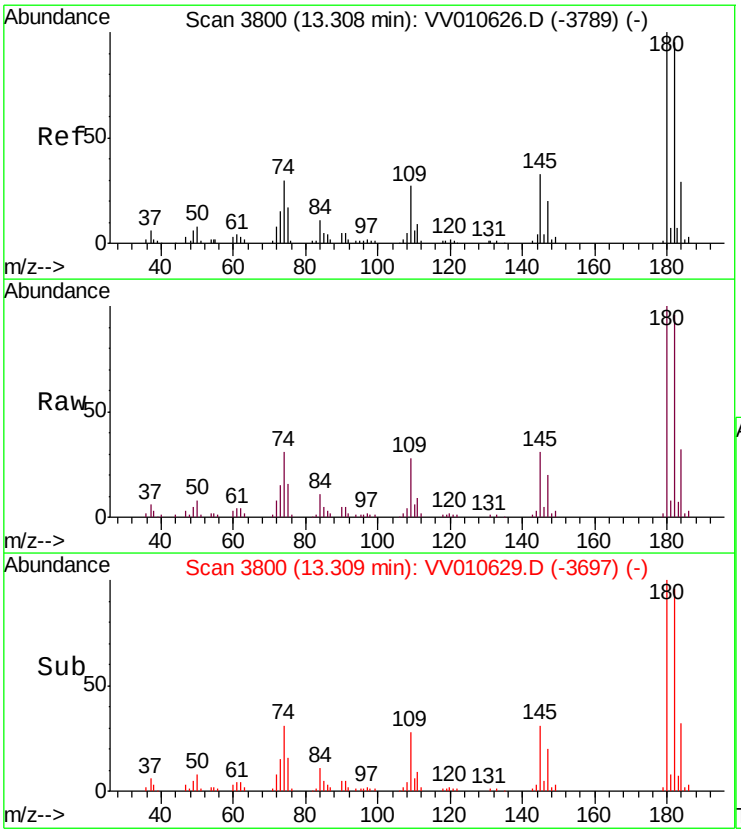

#67
1,3,5-Trichlorobenzene
Concen: 22.912 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV65

Tgt Ion:180 Resp: 82418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.7 | 75.2 | 112.8 |
| 184 | 29.8 | 23.8 | 35.6 |
| 145 | 31.7 | 24.5 | 36.7 |

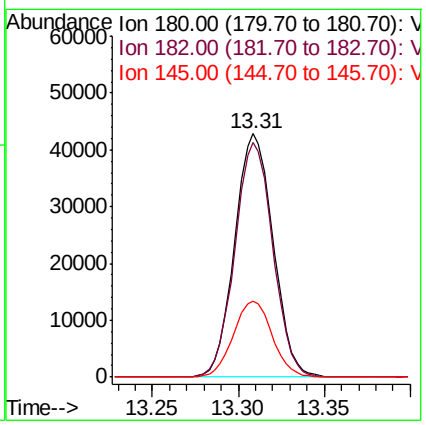


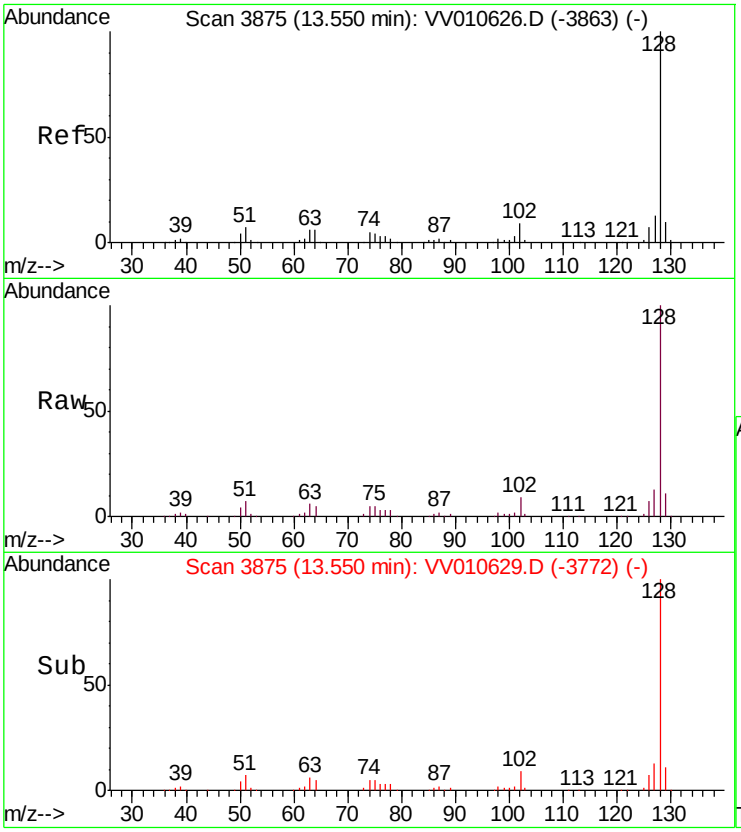




#68
1,2,4-trichlorobenzene
Concen: 24.206 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion:180 Resp: 66436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.4 | 76.1 | 114.1 |
| 145 | 31.5 | 26.0 | 39.0 |



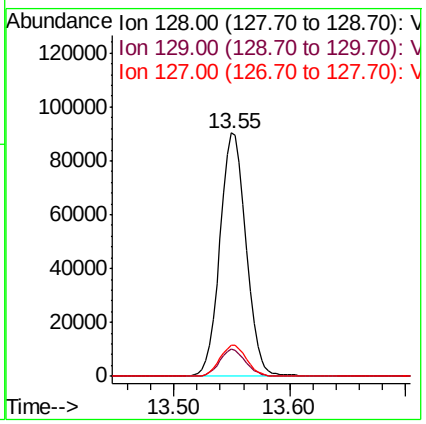


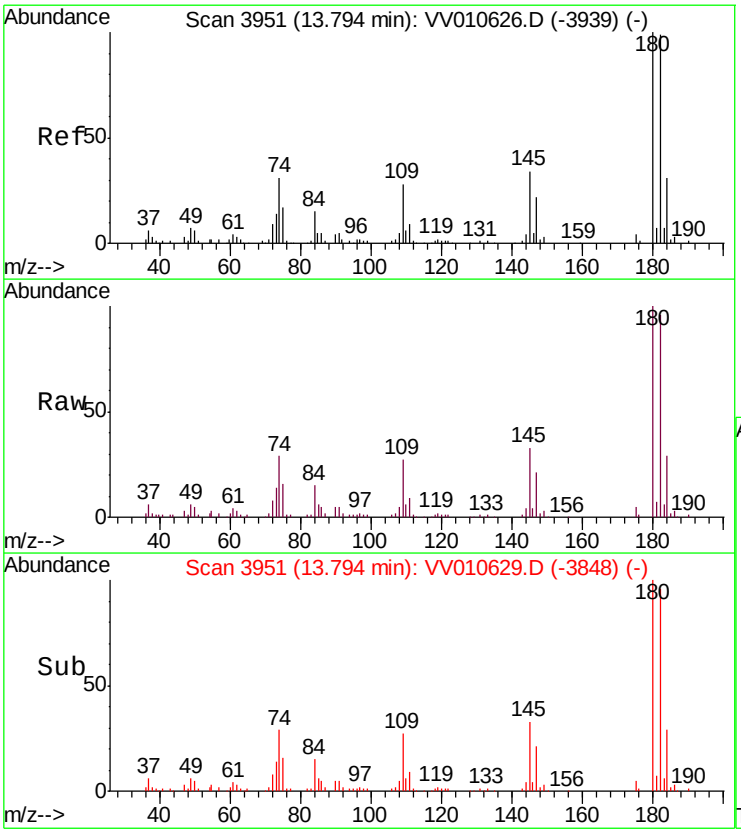

#69
Naphthalene
Concen: 26.859 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

**Instrument :** MSVOA_V
**ClientSampleId :** VICV65

Tgt Ion:128 Resp: 140951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 8.6 | 13.0 |
| 127 | 13.0 | 10.6 | 15.8 |




#70
1,2,3-Trichlorobenzene
Concen: 25.050 ug/L
RT: 13.79 min Scan# 3951
Delta R.T. 0.00 min
Lab File: VV010629.D
Acq: 02 May 2019 14:44

Tgt Ion:180 Resp: 64849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.4 | 79.0 | 118.6 |
| 145 | 34.0 | 28.2 | 42.4 |