Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111718\

Quantitation Report (Not Reviewed)

Data File : VV008585.D
Acq On : 16 Nov 2018 16:58
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VICV66

Quant Time: Nov 17 04:47:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 04:38:54 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 167831 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 150845 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 70012 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 35754 | 4.80 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 96.00% | | | |
| 7) Chloroethane-d5 | 1.59 | 69 | 28839 | 4.70 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 94.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.14 | 63 | 73623 | 4.87 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 97.40% | | | |
| 20) 2-Butanone-d5 | 3.98 | 46 | 125475 | 47.04 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 94.08% | | | |
| 24) Chloroform-d | 4.41 | 84 | 97866 | 4.81 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 96.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.09 | 65 | 50196 | 4.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 96.80% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 194371 | 4.94 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 61319 | 4.83 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 96.60% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 184165 | 4.98 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 99.60% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 23988 | 4.96 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 99.20% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 107947 | 49.24 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 98.48% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 43027 | 4.85 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 97.00% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 63739 | 5.04 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 100.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.14 | 85 | 71042 | 5.135 | ug/L | 98 |
| 3) Chloromethane | 1.25 | 50 | 55793 | 4.825 | ug/L | 99 |
| 5) Vinyl chloride | 1.32 | 62 | 54460 | 5.131 | ug/L | 99 |
| 6) Bromomethane | 1.54 | 94 | 32403 | 4.895 | ug/L | 92 |
| 8) Chloroethane | 1.60 | 64 | 31692 | 5.096 | ug/L | 99 |
| 9) Trichlorofluoromethane | 1.77 | 101 | 77283 | 5.283 | ug/L | 99 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.14 | 101 | 43734 | 5.124 | ug/L | 98 |
| 12) 1,1-Dichloroethene | 2.14 | 96 | 38905 | 5.000 | ug/L | 96 |
| 13) Acetone | 2.24 | 43 | 72114 | 51.838 | ug/L | 99 |
| 14) Carbon disulfide | 2.32 | 76 | 125020 | 5.148 | ug/L | 99 |
| 15) Methyl Acetate | 2.48 | 43 | 18504 | 5.316 | ug/L | 95 |
| 16) Methylene chloride | 2.54 | 84 | 42641 | 4.501 | ug/L | 96 |
| 17) Methyl tert-butyl Ether | 2.81 | 73 | 101626 | 4.908 | ug/L | 99 |
| 18) trans-1,2-Dichloroethene | 2.79 | 96 | 43142 | 5.108 | ug/L | 98 |
| 19) 1,1-Dichloroethane | 3.23 | 63 | 108945 | 5.097 | ug/L | 98 |
| 21) 2-Butanone | 4.06 | 43 | 156584 | 50.273 | ug/L | 98 |
| 22) cis-1,2-Dichloroethene | 3.97 | 96 | 63894 | 5.012 | ug/L | 99 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111718\

Quantitation Report (Not Reviewed)

Data File : VV008585.D
Acq On : 16 Nov 2018 16:58
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VICV66

Quant Time: Nov 17 04:47:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 04:38:54 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 23) Bromochloromethane | 4.30 | 128 | 25396 | 5.177 ug/L | 95 |
| 25) Chloroform | 4.43 | 83 | 115817 | 4.290 ug/L | 100 |
| 27) 1,2-Dichloroethane | 5.19 | 62 | 65821 | 4.886 ug/L | 100 |
| 29) 1,1,1-Trichloroethane | 4.66 | 97 | 96951 | 5.091 ug/L | 99 |
| 30) Cyclohexane | 4.72 | 56 | 108279 | 5.112 ug/L | 99 |
| 31) Carbon tetrachloride | 4.87 | 117 | 83663 | 5.166 ug/L | 99 |
| 33) Benzene | 5.15 | 78 | 241587 | 5.051 ug/L | 100 |
| 34) Trichloroethene | 5.96 | 95 | 64850 | 5.130 ug/L | 98 |
| 35) Methylcyclohexane | 6.18 | 83 | 112474 | 5.255 ug/L | 99 |
| 37) 1,2-Dichloropropane | 6.23 | 63 | 62790 | 4.995 ug/L | 100 |
| 38) Bromodichloromethane | 6.56 | 83 | 73420 | 4.787 ug/L | 97 |
| 39) cis-1,3-Dichloropropene | 7.07 | 75 | 88237 | 5.222 ug/L | 99 |
| 40) 4-Methyl-2-pentanone | 7.28 | 43 | 362093 | 49.213 ug/L | 100 |
| 42) Toluene | 7.43 | 91 | 254963 | 5.116 ug/L | 97 |
| 44) trans-1,3-Dichloropropene | 7.70 | 75 | 71152 | 5.169 ug/L | 97 |
| 45) 1,1,2-Trichloroethane | 7.89 | 97 | 39897 | 4.987 ug/L | 97 |
| 47) Tetrachloroethene | 8.02 | 164 | 47699 | 5.215 ug/L | 97 |
| 48) 2-Hexanone | 8.19 | 43 | 260655 | 52.487 ug/L | 99 |
| 49) Dibromochloromethane | 8.29 | 129 | 46093 | 5.066 ug/L | 97 |
| 50) 1,2-Dibromoethane | 8.40 | 107 | 36782 | 5.088 ug/L | 91 |
| 51) Chlorobenzene | 8.93 | 112 | 158916 | 5.169 ug/L | 98 |
| 52) Ethylbenzene | 9.06 | 91 | 285445 | 5.203 ug/L | 100 |
| 53) m,p-xylene | 9.18 | 106 | 105570 | 5.206 ug/L | 98 |
| 54) o-xylene | 9.59 | 106 | 102822 | 5.210 ug/L | 98 |
| 55) Styrene | 9.61 | 104 | 169646 | 5.325 ug/L | 97 |
| 56) Isopropylbenzene | 9.98 | 105 | 276134 | 5.211 ug/L | 100 |
| 58) 1,1,2,2-Tetrachloroethane | 10.29 | 83 | 46646 | 4.940 ug/L | 99 |
| 59) 1,2,3-Trichloropropane | 10.32 | 75 | 35008 | 4.910 ug/L | 99 |
| 61) Bromoform | 9.78 | 173 | 22454 | 4.991 ug/L | 98 |
| 62) 1,3-Dichlorobenzene | 11.23 | 146 | 119205 | 5.226 ug/L | 96 |
| 63) 1,4-Dichlorobenzene | 11.32 | 146 | 118617 | 5.277 ug/L | 97 |
| 65) 1,2-Dichlorobenzene | 11.69 | 146 | 112919 | 5.200 ug/L | 98 |
| 66) 1,2-Dibromo-3-chloropropan | 12.48 | 75 | 7434 | 5.350 ug/L # | 80 |
| 67) 1,3,5-Trichlorobenzene | 12.69 | 180 | 90410 | 5.474 ug/L | 98 |
| 68) 1,2,4-trichlorobenzene | 13.31 | 180 | 72709 | 5.463 ug/L | 99 |
| 69) Naphthalene | 13.56 | 128 | 118882 | 5.498 ug/L | 99 |
| 70) 1,2,3-Trichlorobenzene | 13.80 | 180 | 67829 | 5.524 ug/L | 100 |

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

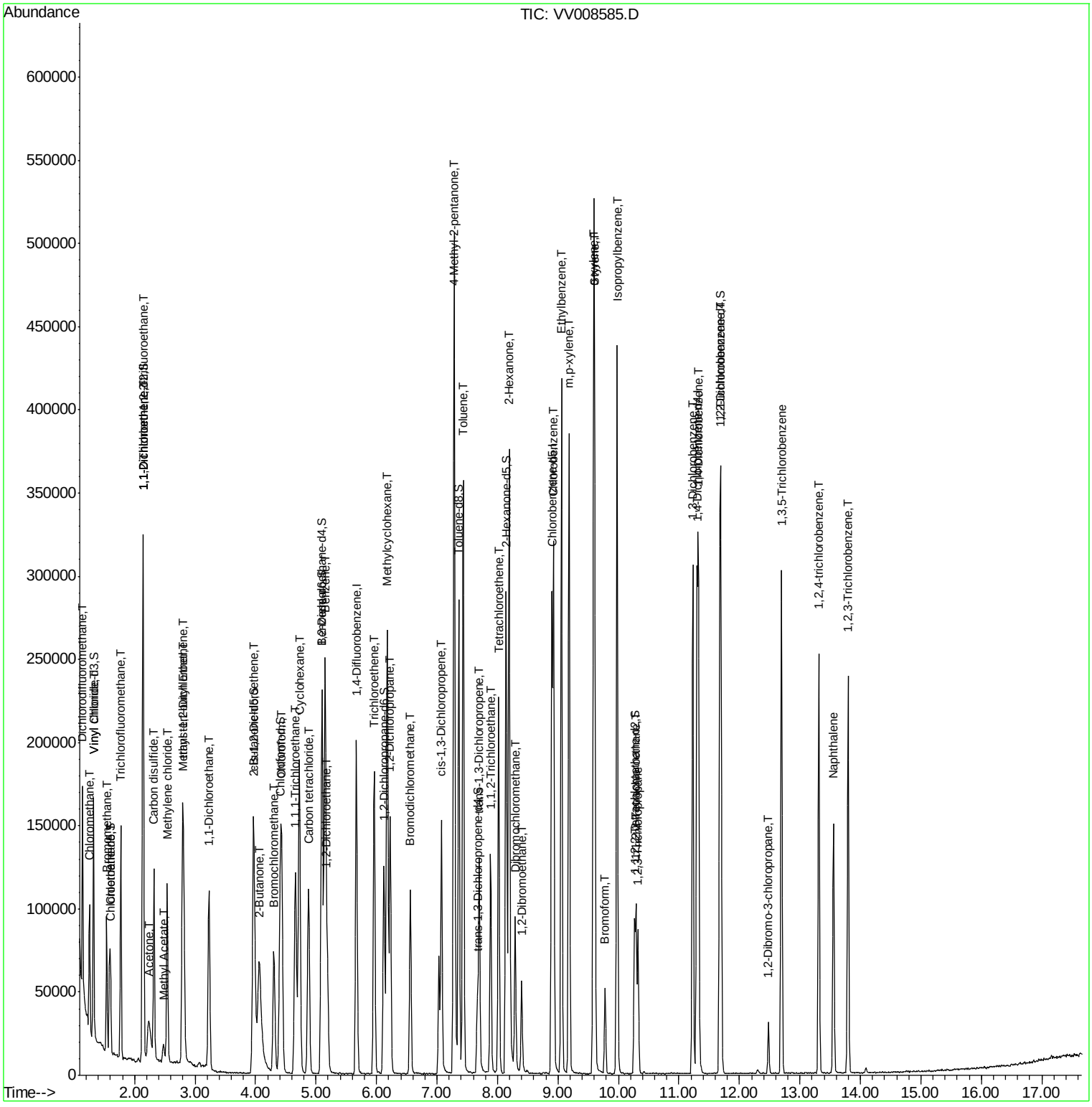
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111718\

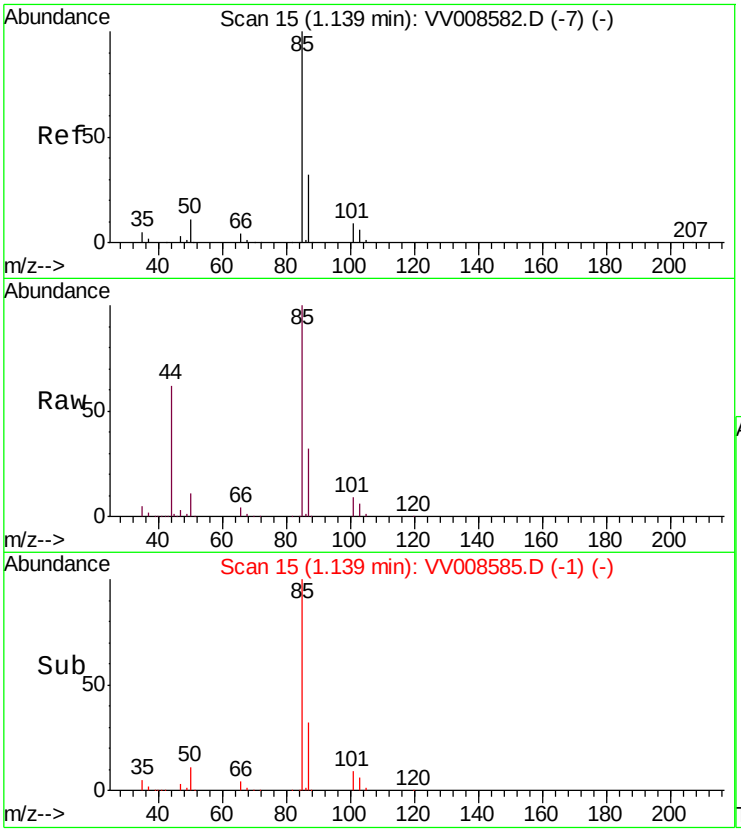
Quantitation Report (Not Reviewed)

Data File : VV008585.D
Acq On : 16 Nov 2018 16:58
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VICV66

Quant Time: Nov 17 04:47:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 04:38:54 2018
Response via : Initial Calibration



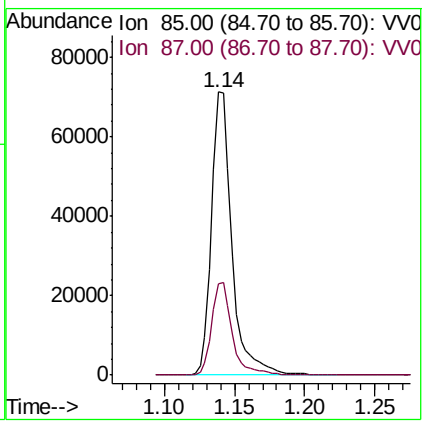


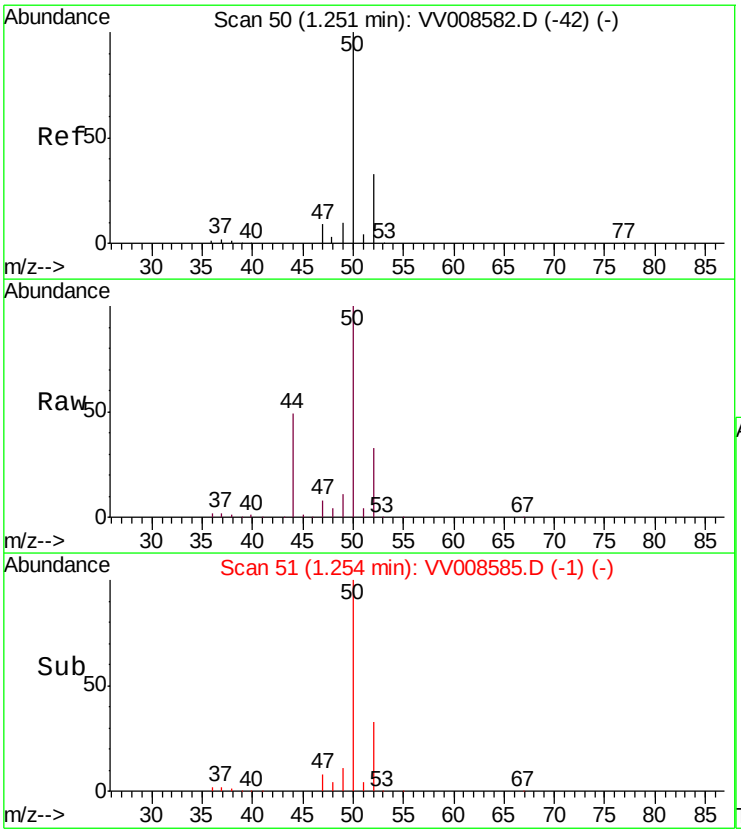

#2
Dichlorodifluoromethane
Concen: 5.135 ug/L
RT: 1.14 min Scan# 15
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion: 85 Resp: 71042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.0 | 25.7 | 38.5 |

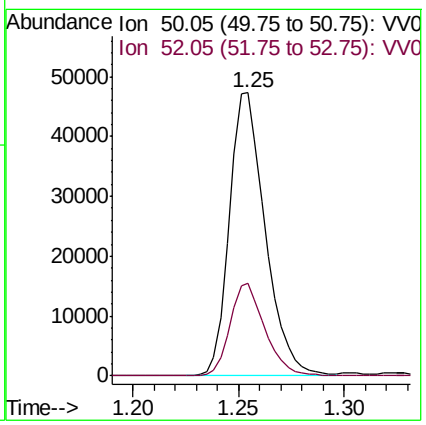


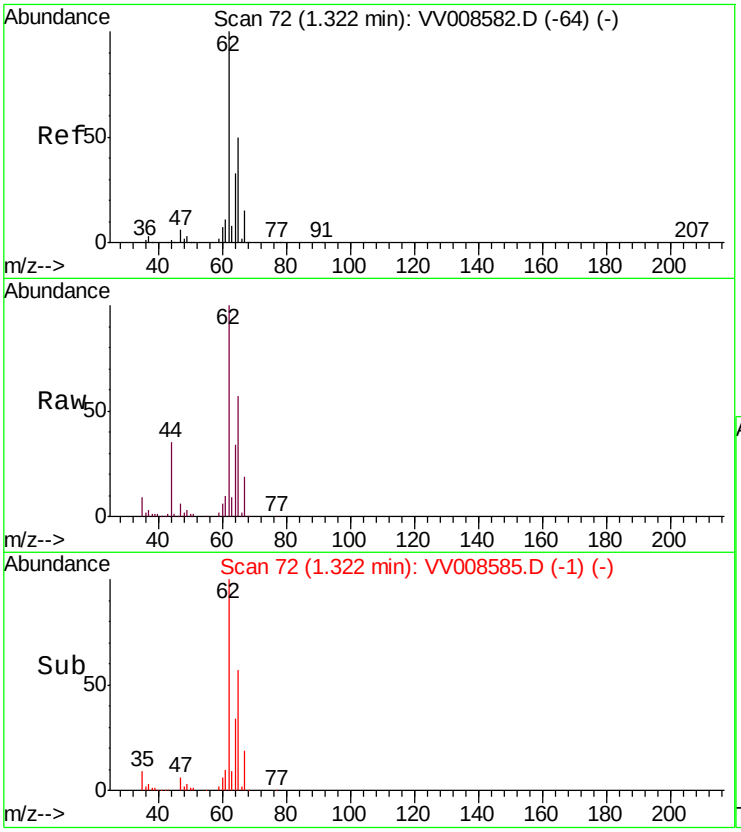




#3
Chloromethane
Concen: 4.825 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion: 50 Resp: 55793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.5 | 23.3 | 43.3 |



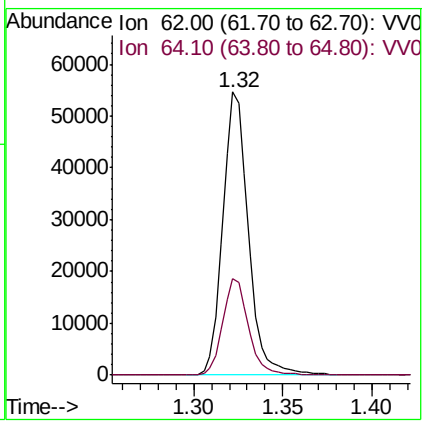


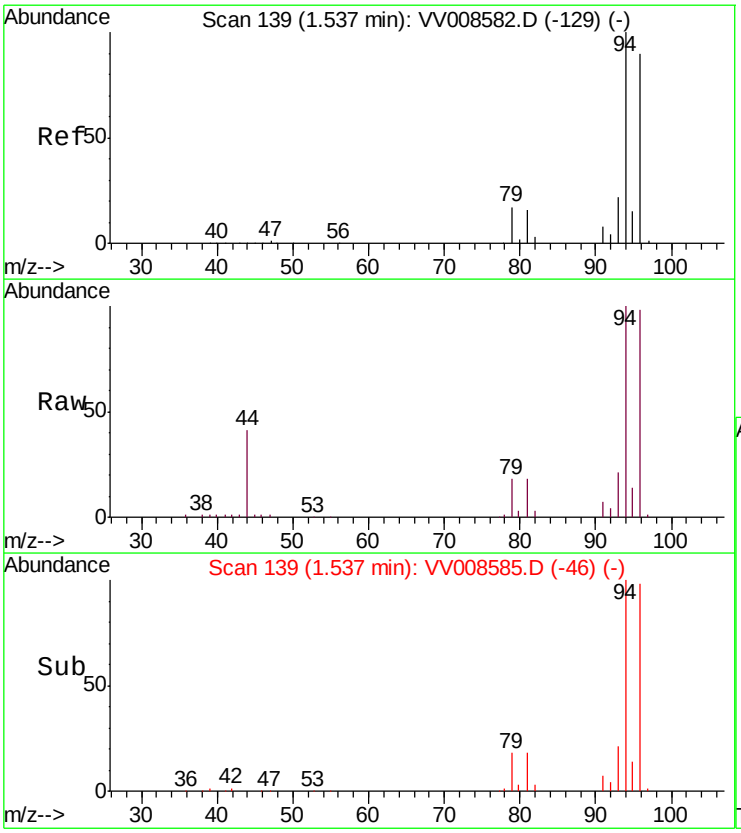

#5
Vinyl chloride
Concen: 5.131 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion: 62 Resp: 54460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 34.2 | 23.4 | 43.4 |

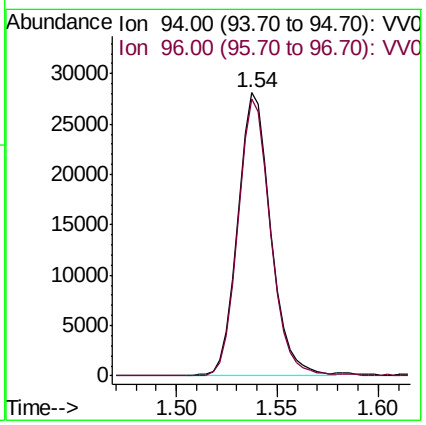


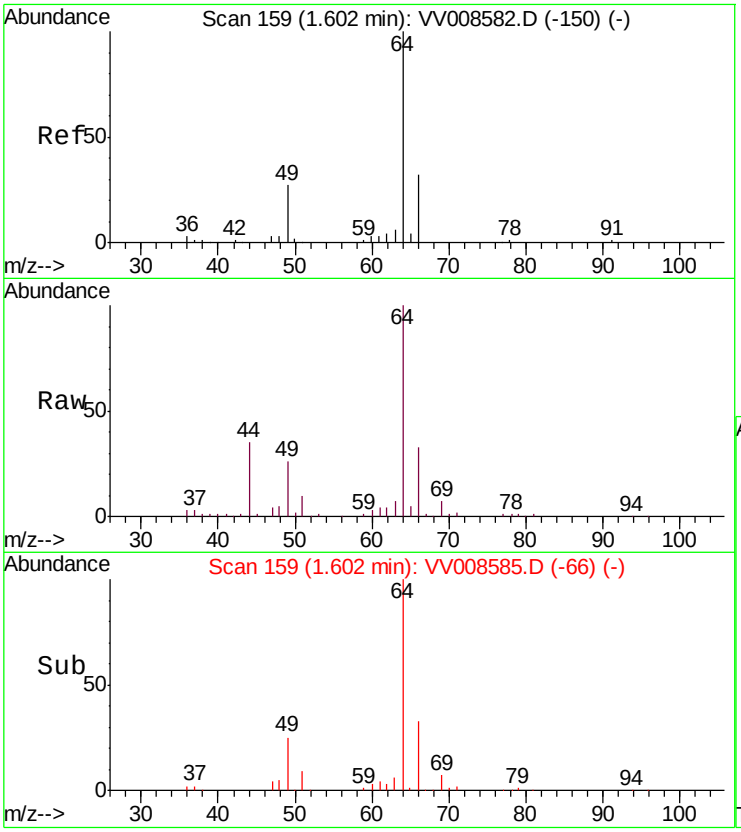




#6
Bromomethane
Concen: 4.895 ug/L
RT: 1.54 min Scan# 139
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion: 94 Resp: 32403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 97.8 | 63.2 | 117.4 |



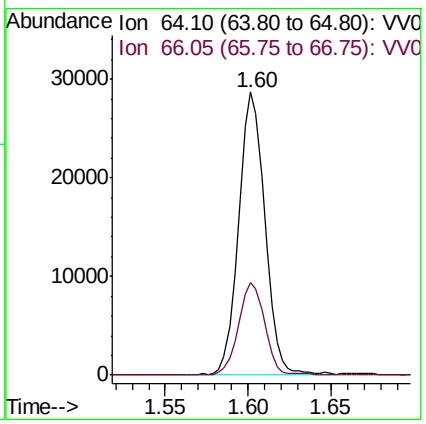


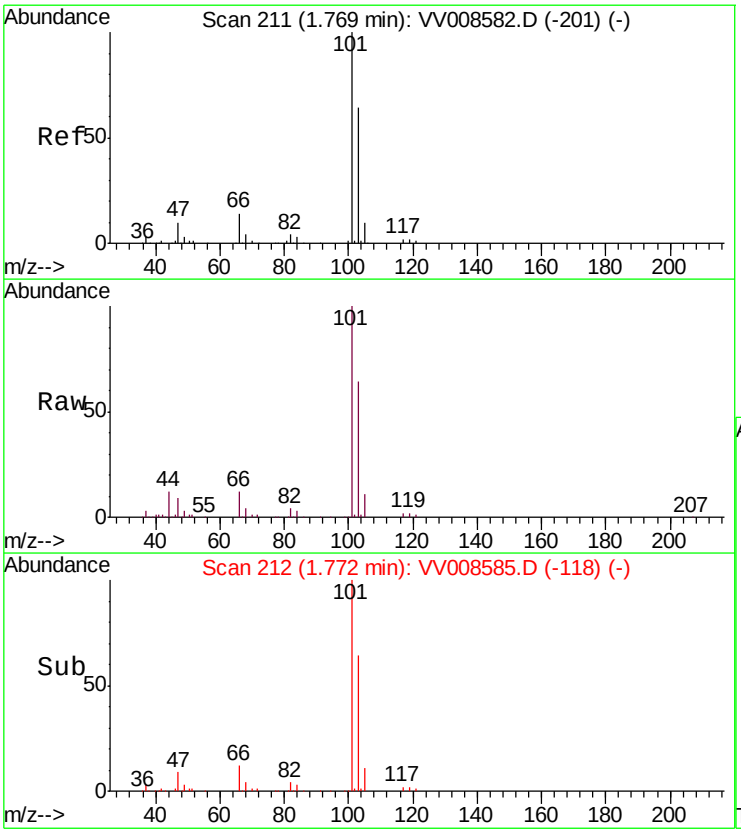

#8
Chloroethane
Concen: 5.096 ug/L
RT: 1.60 min Scan# 159
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion: 64 Resp: 31692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.8 | 22.7 | 42.3 |

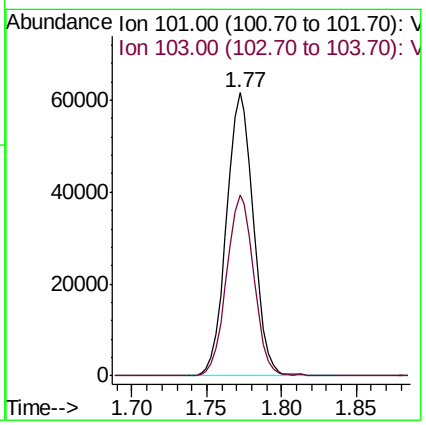


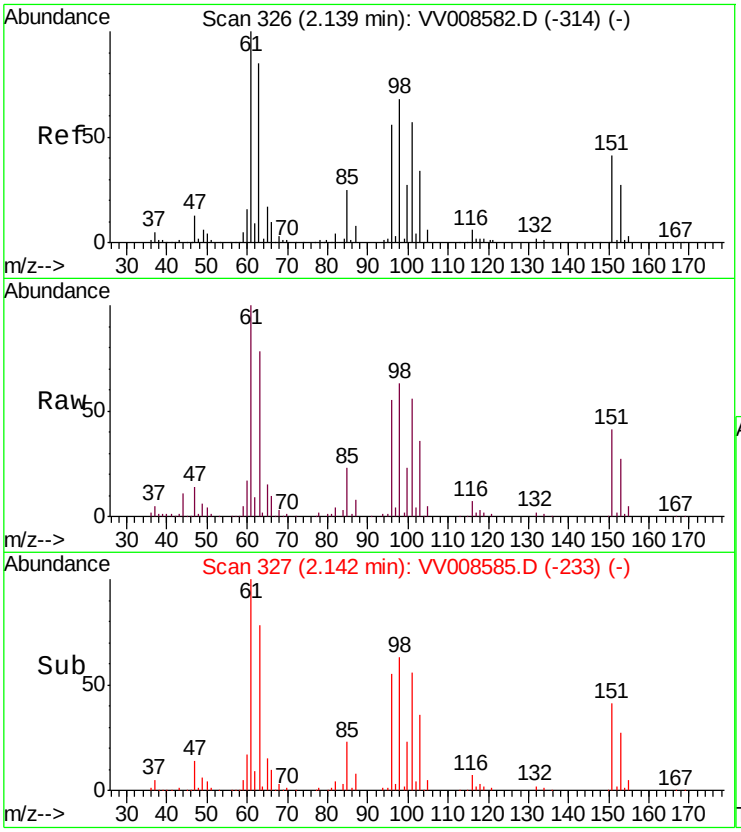




#9
Trichlorofluoromethane
Concen: 5.283 ug/L
RT: 1.77 min Scan# 212
Delta R.T. 0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion:101 Resp: 77283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.6 | 51.1 | 76.7 |



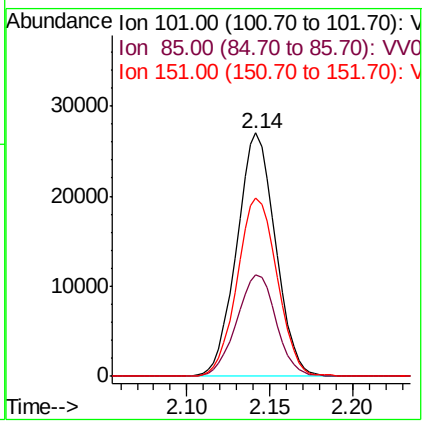


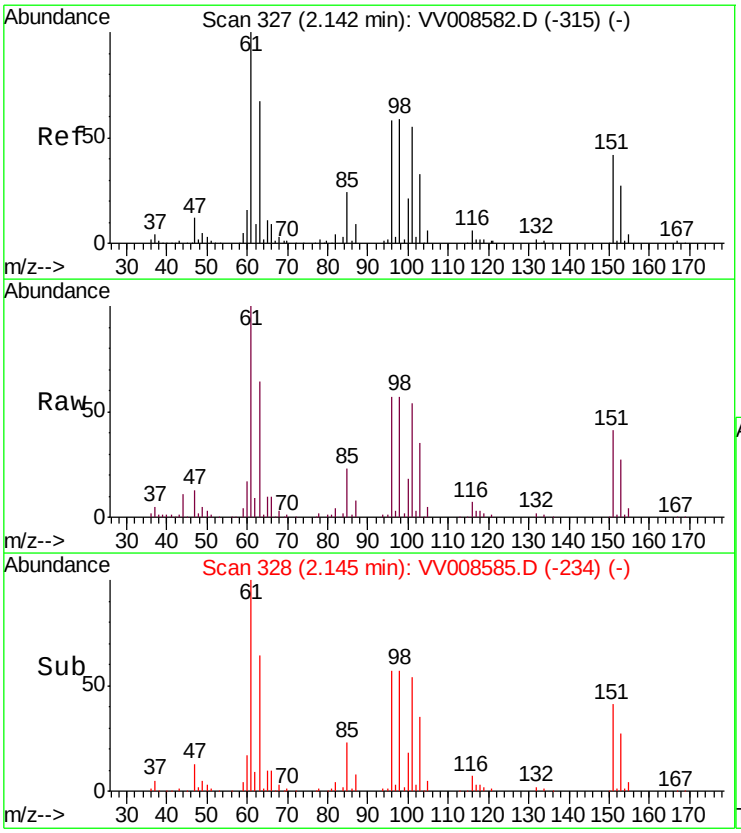

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.124 ug/L
RT: 2.14 min Scan# 327
Delta R.T. 0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion:101 Resp: 43734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.5 | 35.4 | 53.0 |
| 151 | 75.8 | 59.4 | 89.2 |

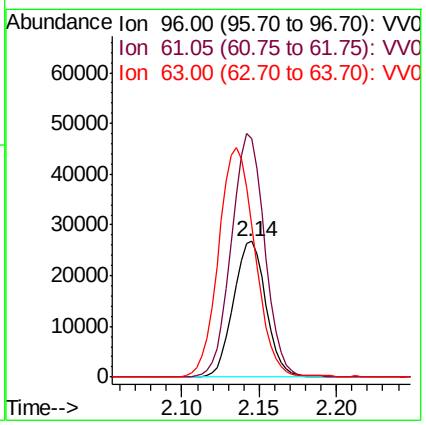


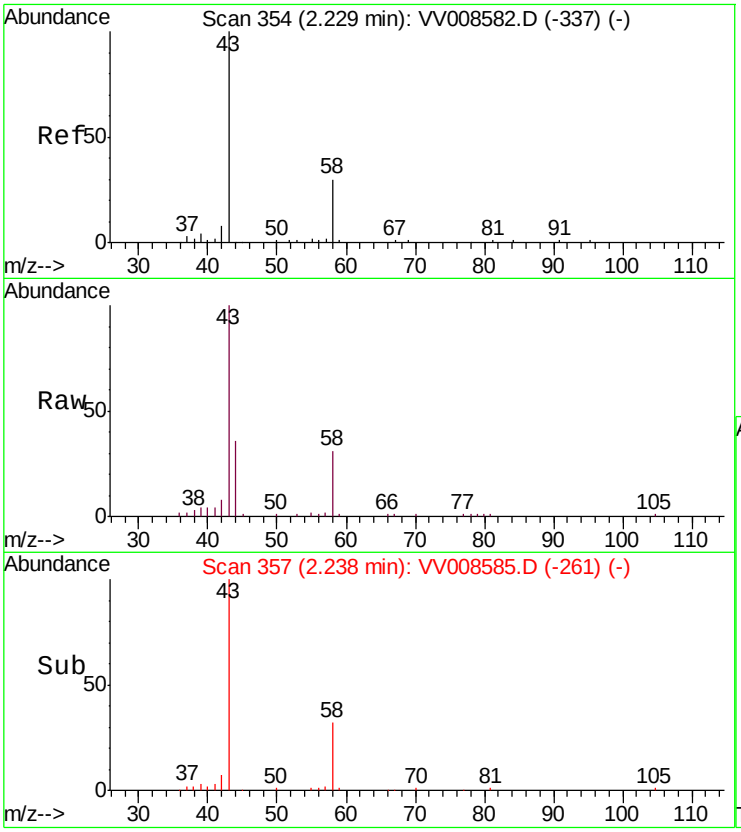




#12
1,1-Dichloroethene
Concen: 5.000 ug/L
RT: 2.14 min Scan# 328
Delta R.T. 0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion: 96 Resp: 38905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 175.6 | 120.3 | 223.5 |
| 63 | 112.1 | 82.5 | 153.3 |



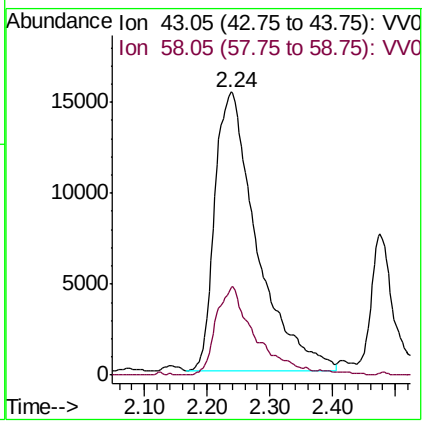


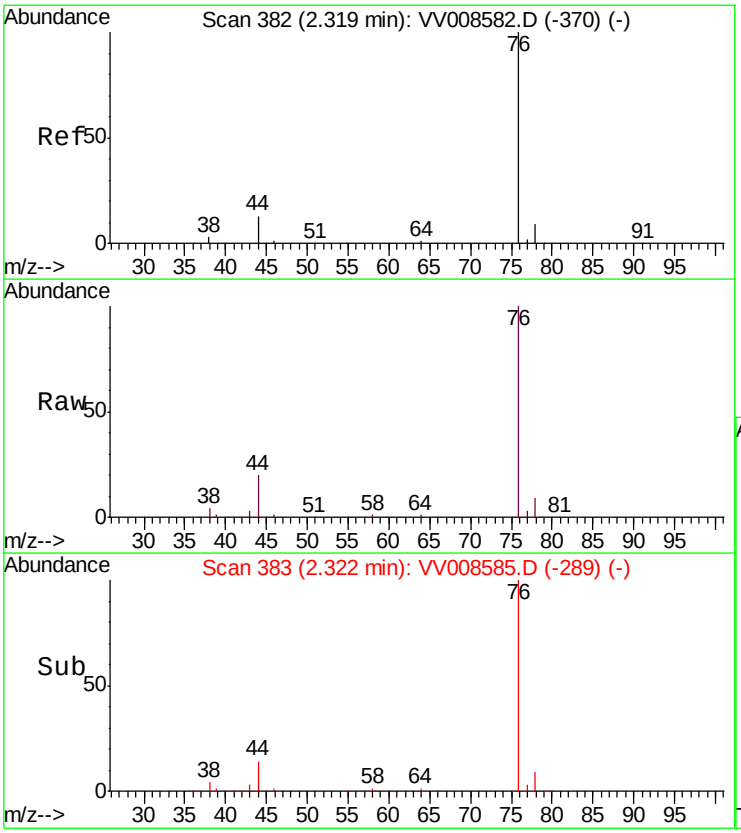

#13
Acetone
Concen: 51.838 ug/L
RT: 2.24 min Scan# 357
Delta R.T. 0.01 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion: 43 Resp: 72114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.6 | 0.0 | 56.4 |

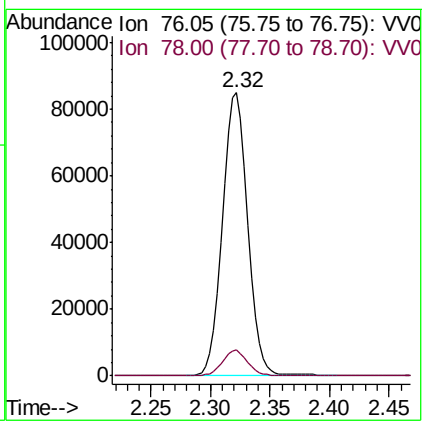


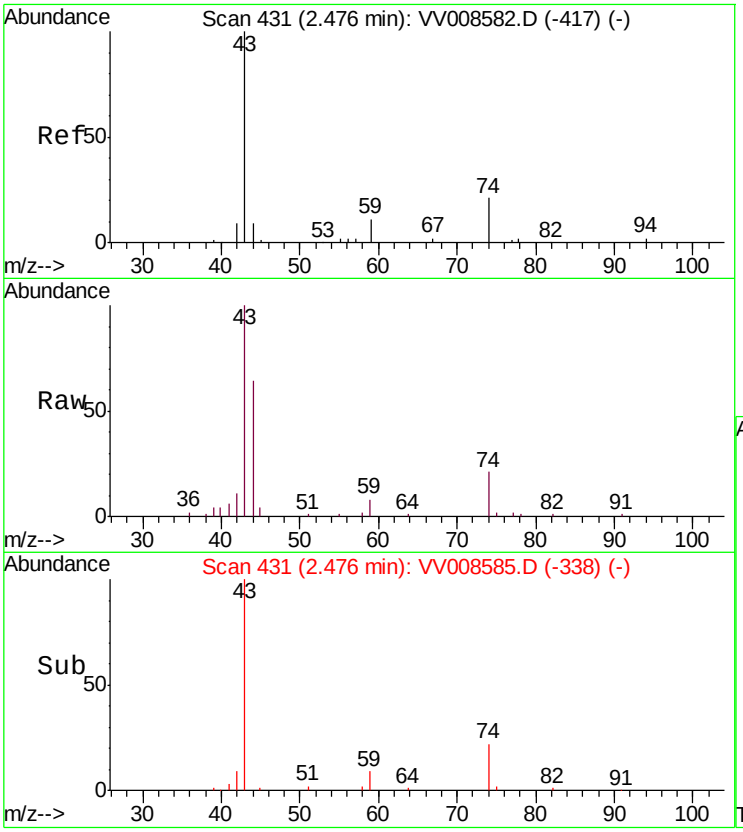




#14
Carbon disulfide
Concen: 5.148 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion: 76 Resp: 125020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.0 | 7.0 | 10.6 |



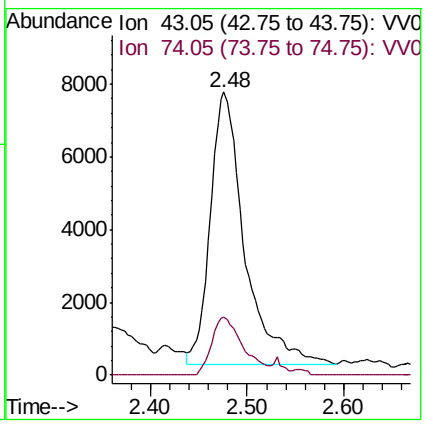


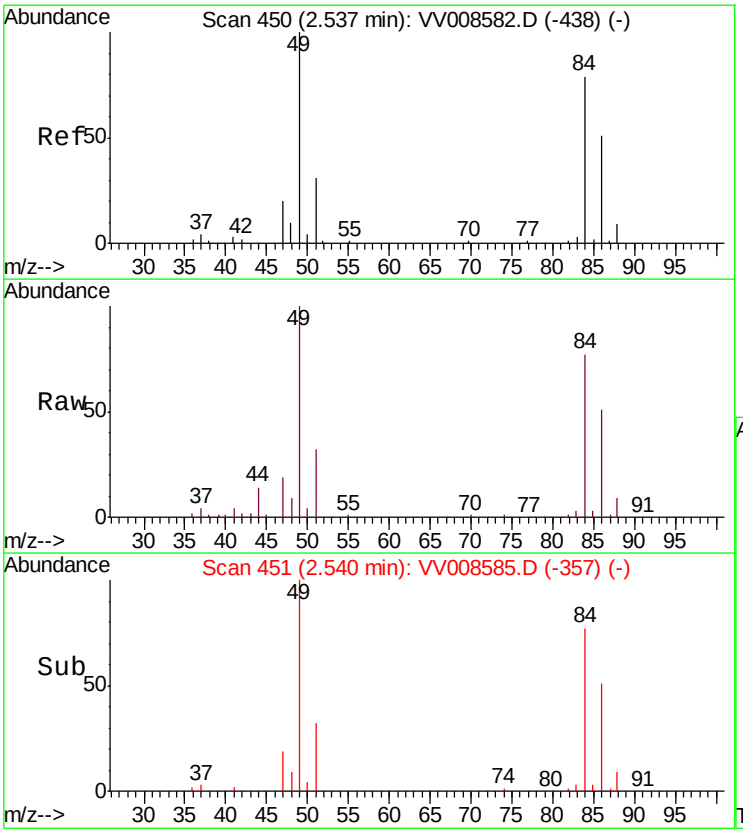

#15
Methyl Acetate
Concen: 5.316 ug/L
RT: 2.48 min Scan# 431
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion: 43 Resp: 18504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 19.4 | 17.6 | 26.4 |

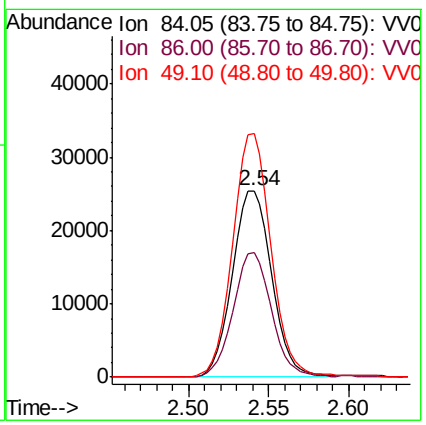


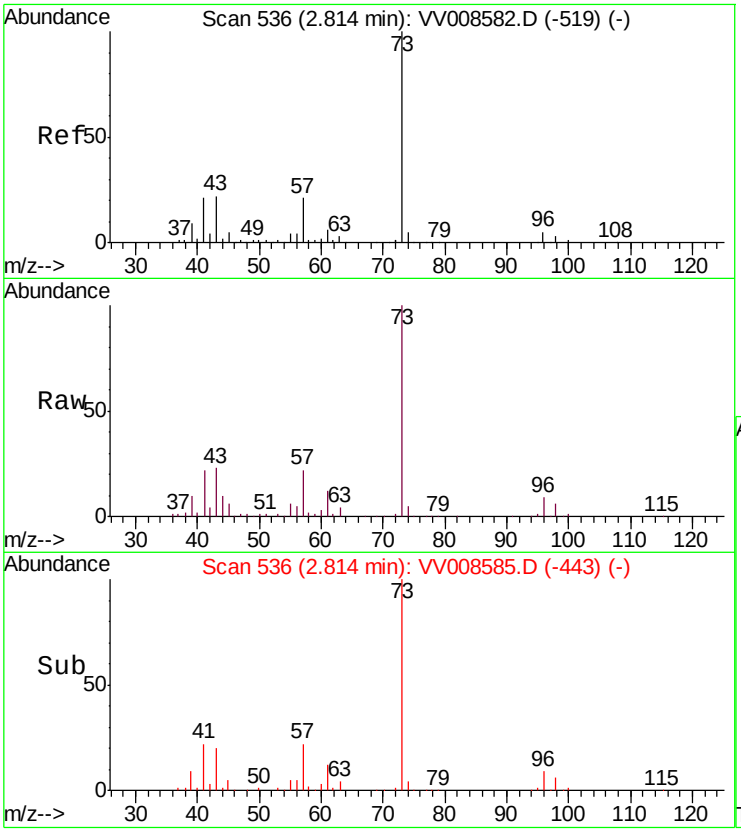




#16
Methylene chloride
Concen: 4.501 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion: 84 Resp: 42641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 66.9 | 44.8 | 83.2 |
| 49 | 130.5 | 88.1 | 163.7 |



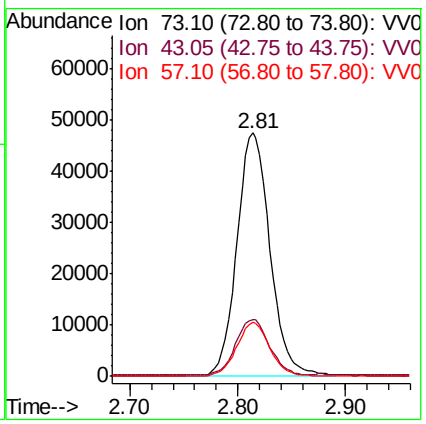


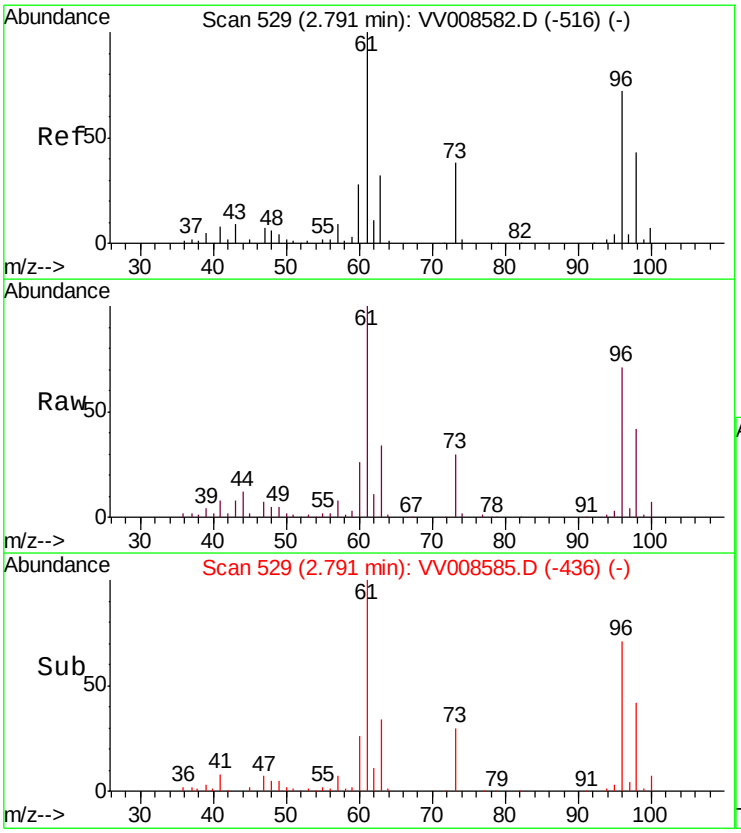

#17
Methyl tert-butyl Ether
Concen: 4.908 ug/L
RT: 2.81 min Scan# 536
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion: 73 Resp: 101626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 23.0 | 18.1 | 27.1 |
| 57 | 22.2 | 17.9 | 26.9 |

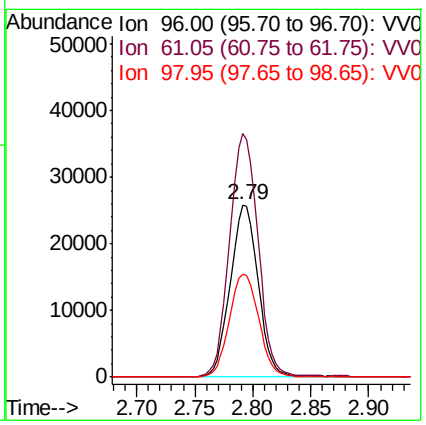


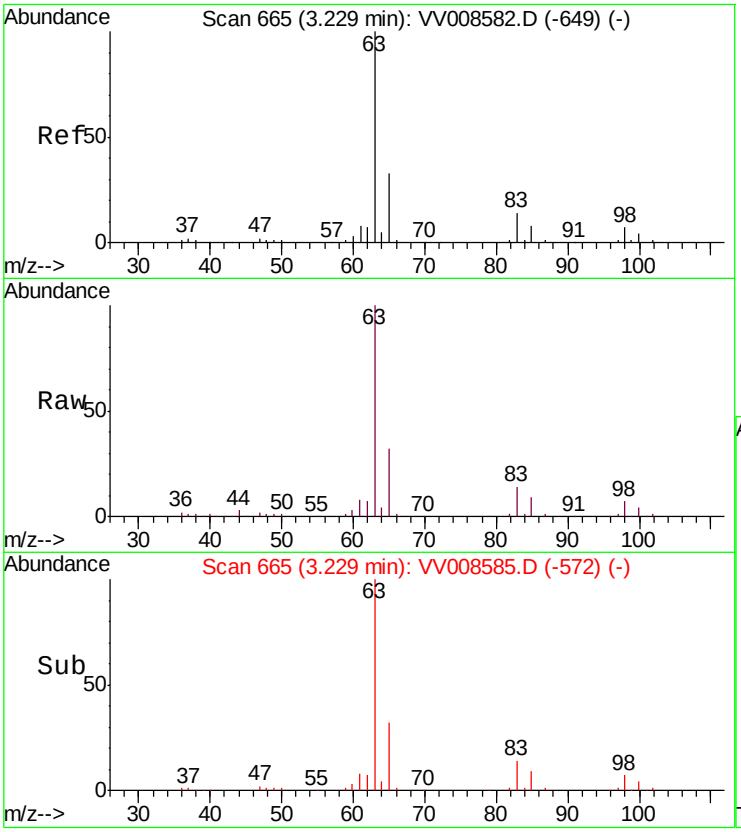




#18
trans-1,2-Dichloroethene
Concen: 5.108 ug/L
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion: 96 Resp: 43142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 141.3 | 97.1 | 180.3 |
| 98 | 59.8 | 41.9 | 77.7 |



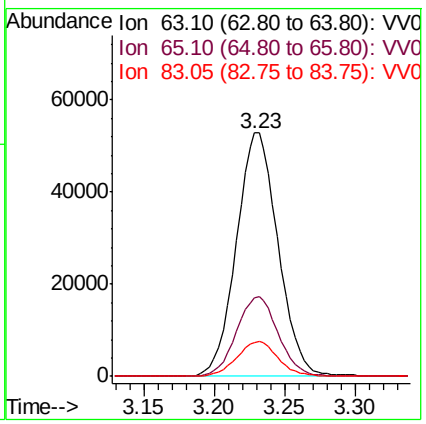


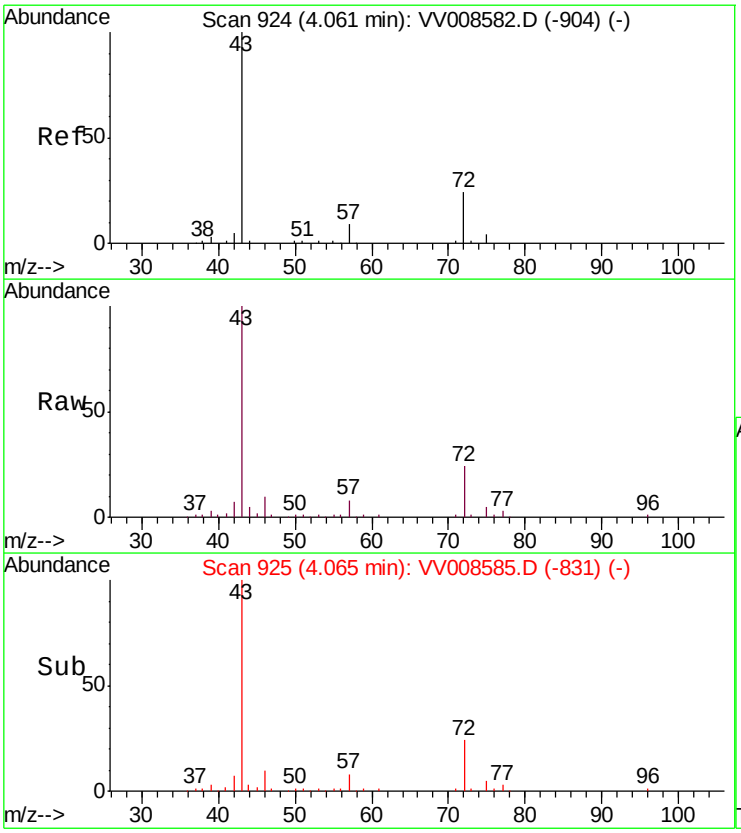

#19
1,1-Dichloroethane
Concen: 5.097 ug/L
RT: 3.23 min Scan# 665
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion: 63 Resp: 108945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.1 | 23.2 | 43.0 |
| 83 | 14.1 | 9.5 | 17.7 |

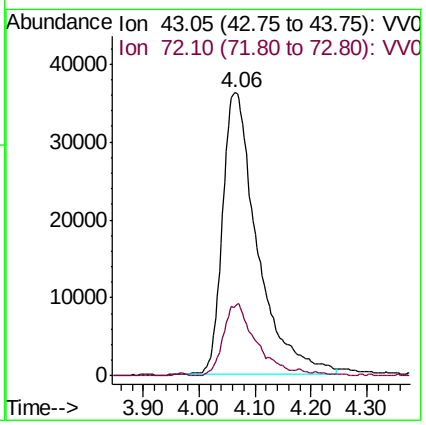


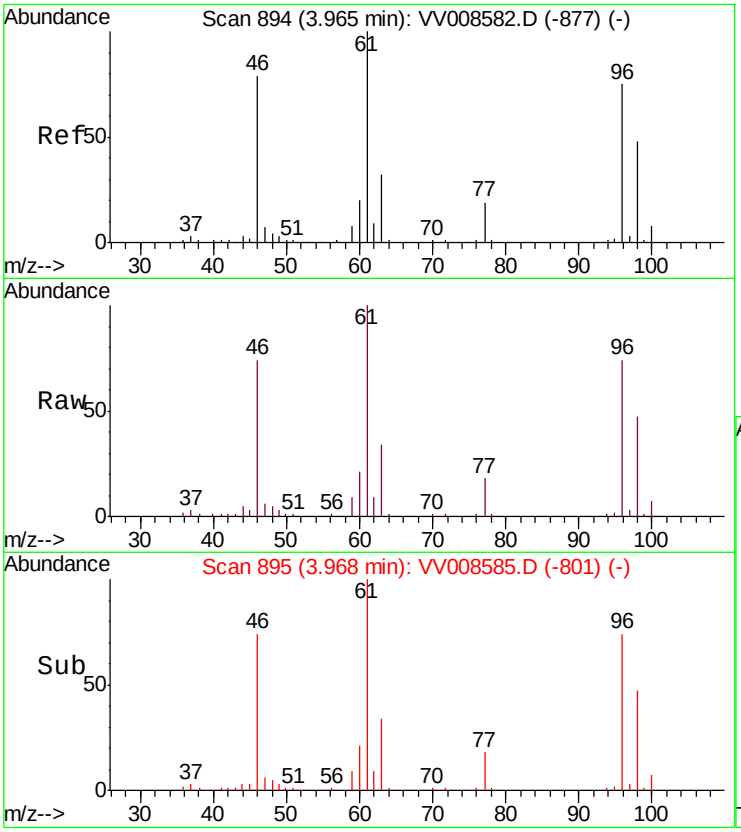




#21
2-Butanone
Concen: 50.273 ug/L
RT: 4.06 min Scan# 925
Delta R.T. 0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion: 43 Resp: 156584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 23.8 | 12.3 | 36.9 |



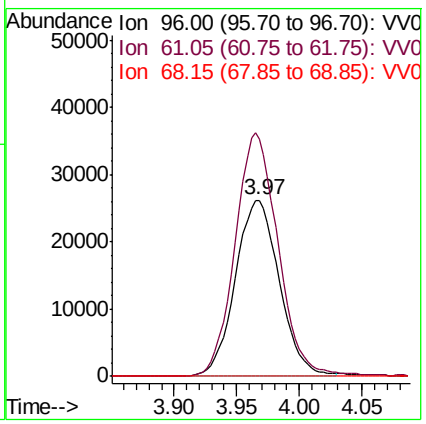


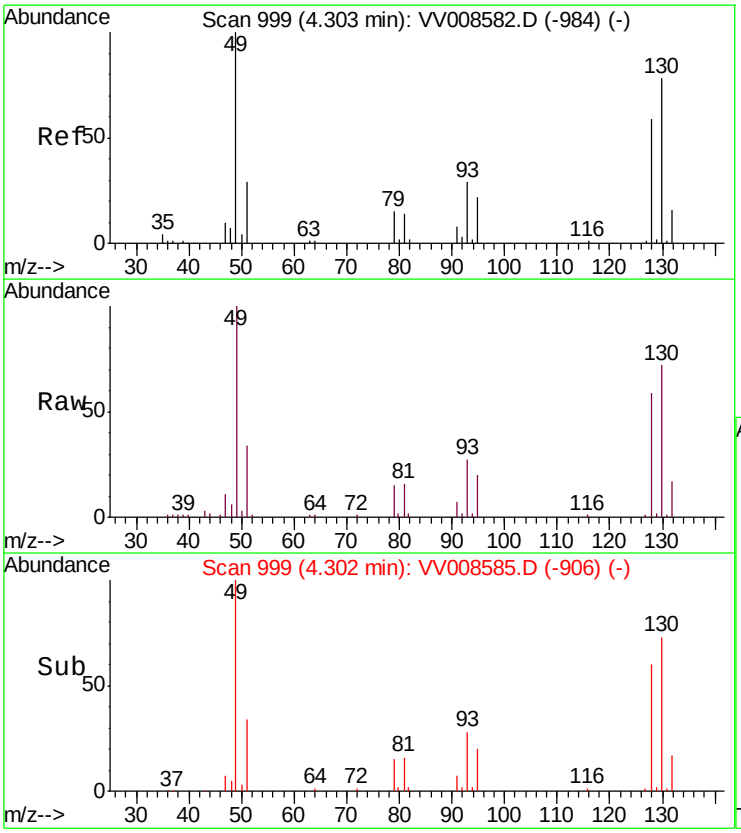

#22
cis-1,2-Dichloroethene
Concen: 5.012 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion: 96 Resp: 63894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 134.4 | 93.2 | 173.2 |
| 68 | 0.0 | 0.0 | 0.0 |

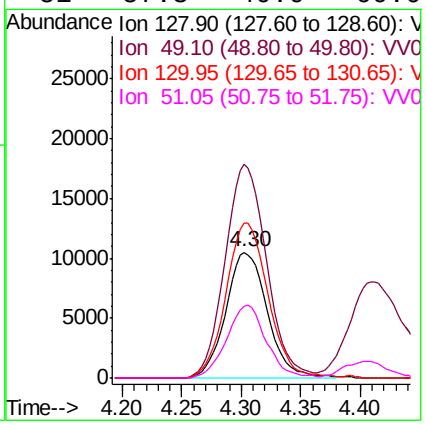


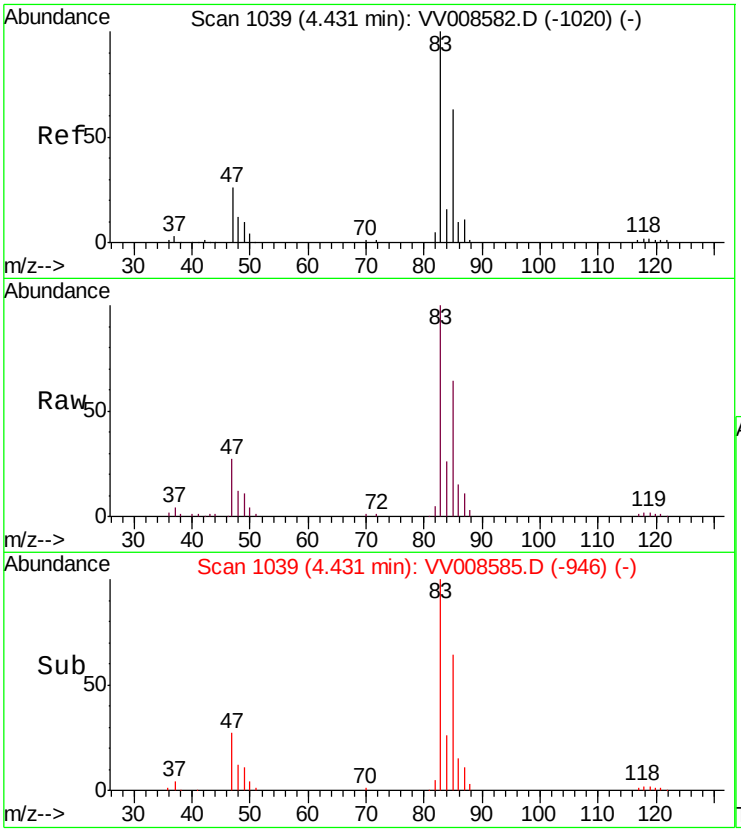




#23
Bromochloromethane
Concen: 5.177 ug/L
RT: 4.30 min Scan# 999
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion:128 Resp: 25396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 169.4 | 120.0 | 222.8 |
| 130 | 122.8 | 92.3 | 171.3 |
| 51 | 57.3 | 40.0 | 60.0 |



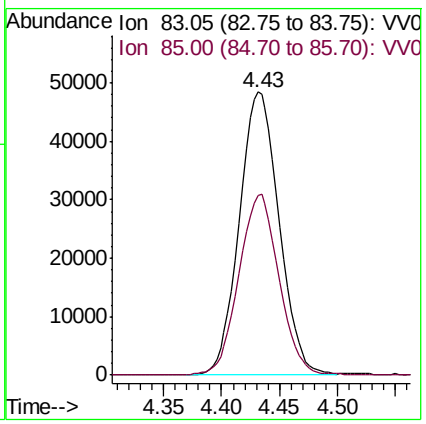


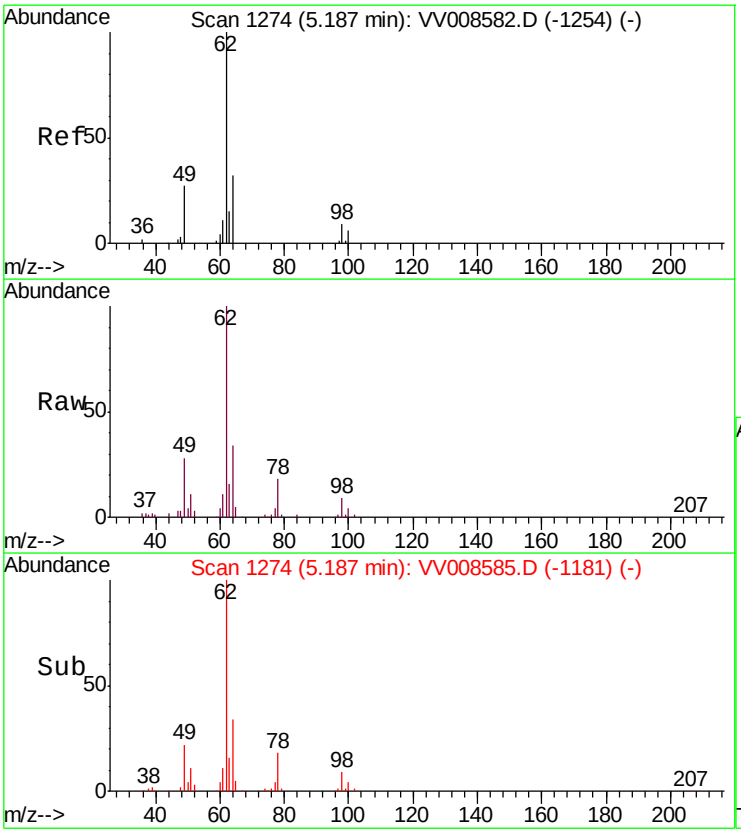

#25
Chloroform
Concen: 4.290 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion: 83 Resp: 115817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.7 | 44.4 | 82.5 |

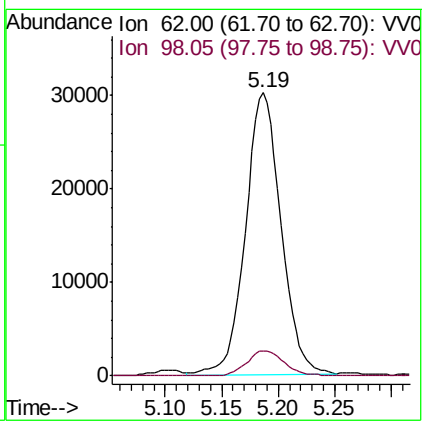


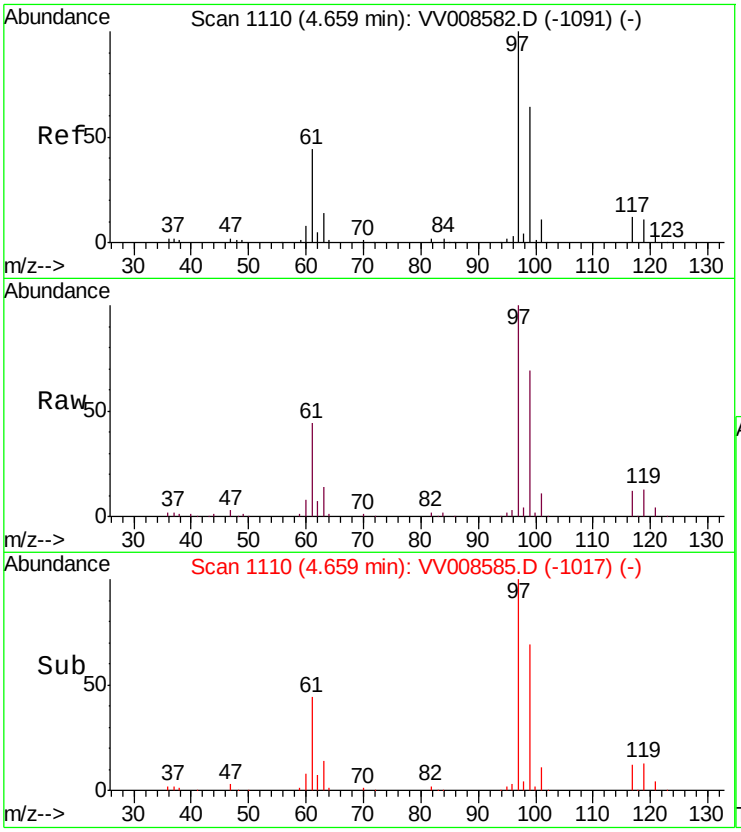




#27
1,2-Dichloroethane
Concen: 4.886 ug/L
RT: 5.19 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion: 62 Resp: 65821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.9 | 7.1 | 10.7 |



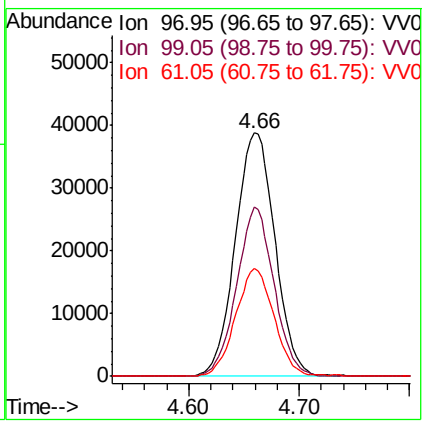


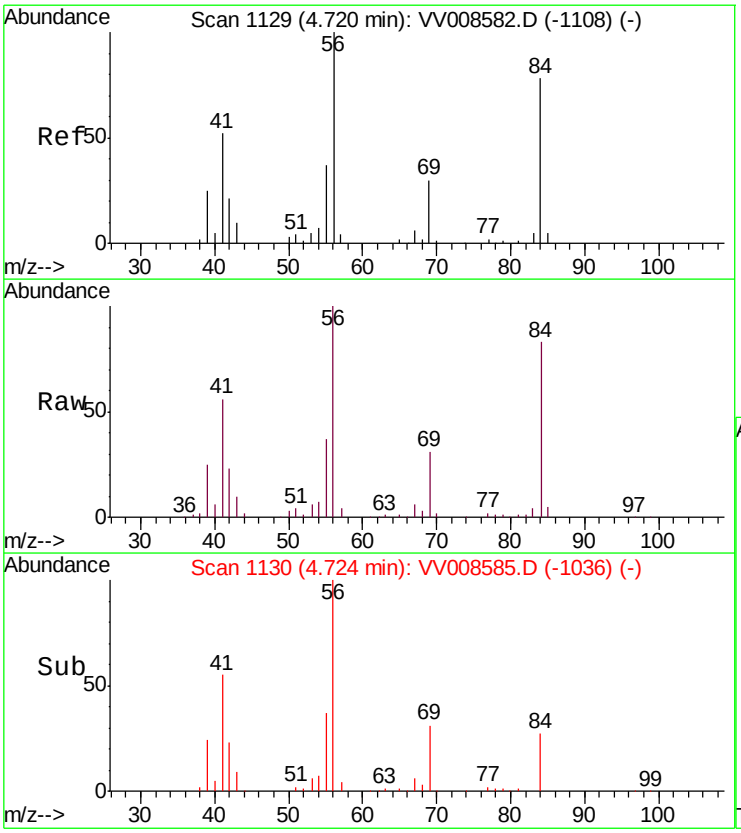

#29
1,1,1-Trichloroethane
Concen: 5.091 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :** MSVOA_V
**ClientSampleId :** VICV66

Tgt Ion: 97 Resp: 96951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 65.3 | 51.0 | 76.4 |
| 61 | 42.9 | 34.3 | 51.5 |

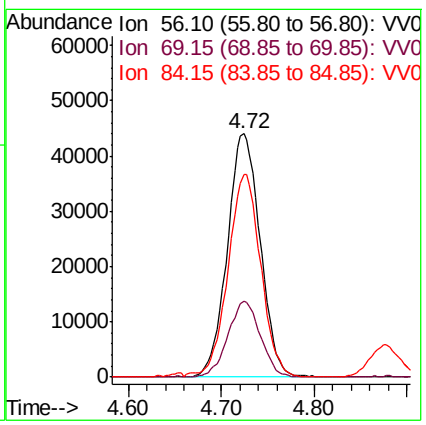


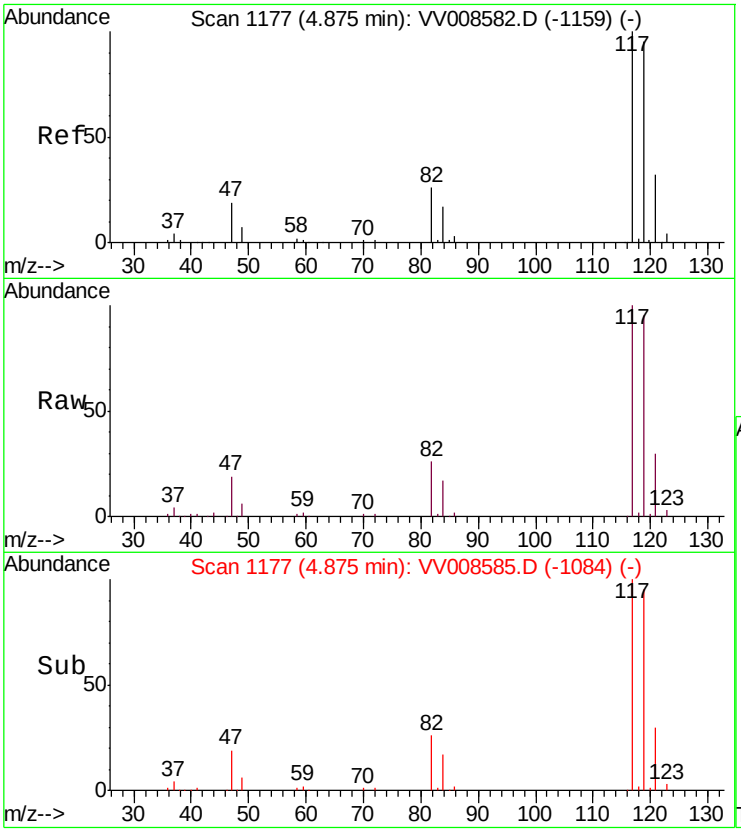




#30
Cyclohexane
Concen: 5.112 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. 0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion: 56 Resp: 108279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 30.7 | 24.2 | 36.4 |
| 84 | 83.1 | 65.7 | 98.5 |



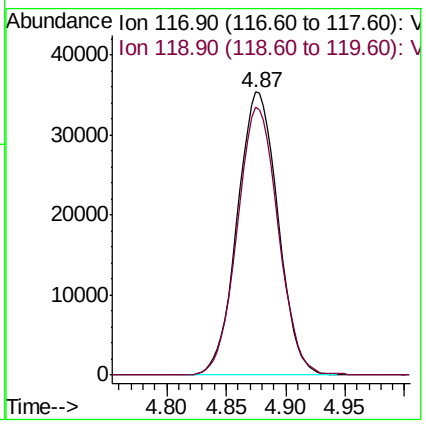


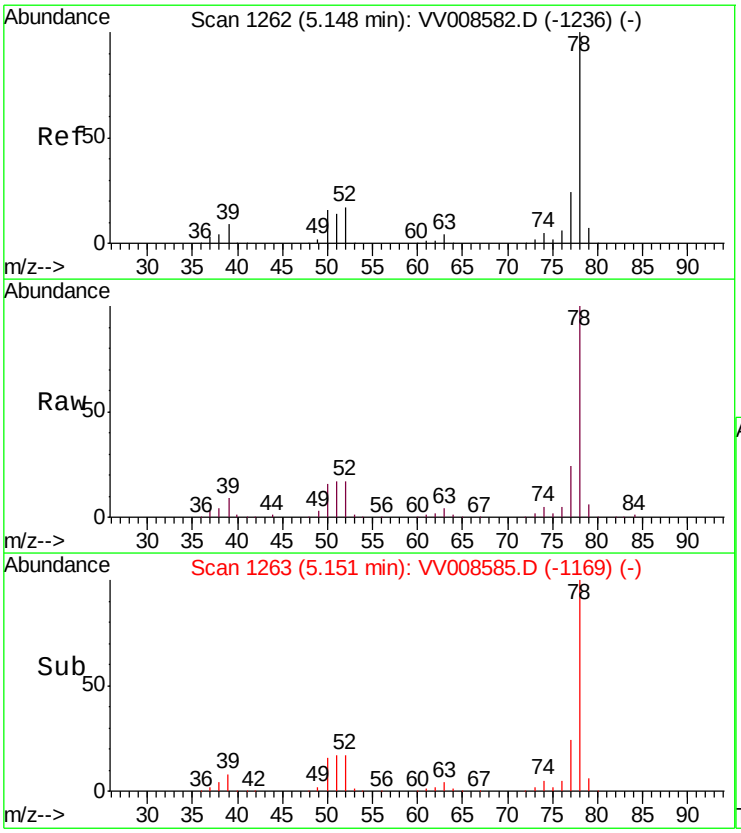

#31
Carbon tetrachloride
Concen: 5.166 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion:117 Resp: 83663

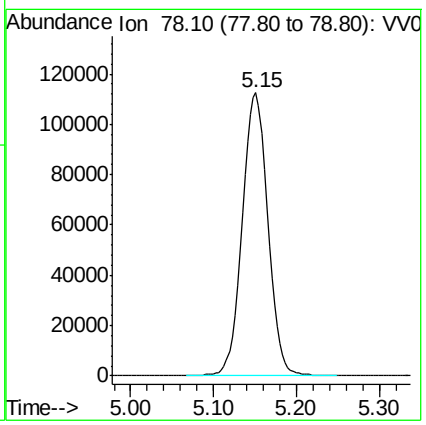
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.5 | 75.8 | 113.8 |

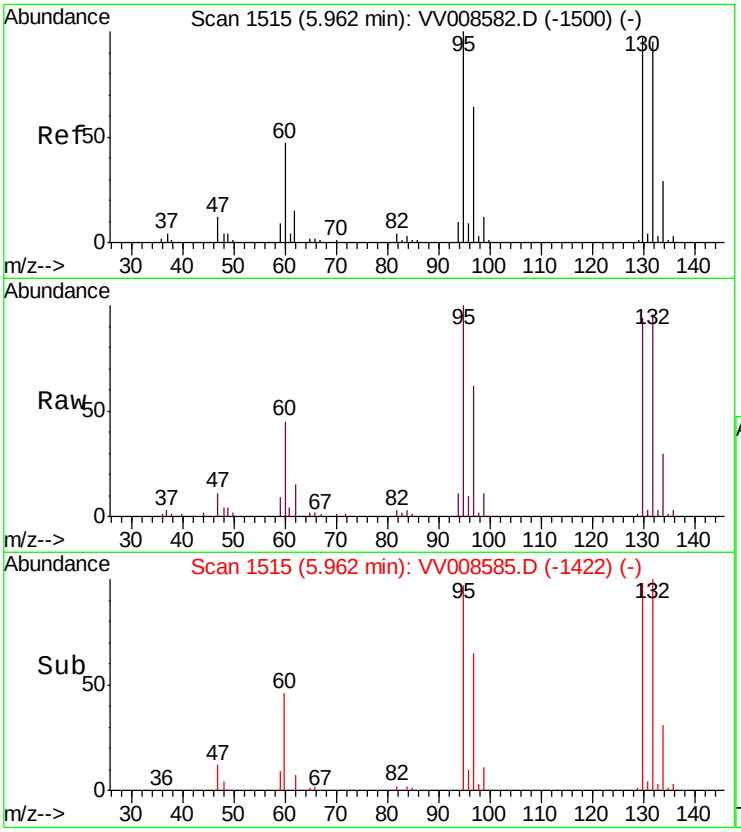



#33
Benzene
Concen: 5.051 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion: 78 Resp: 241587



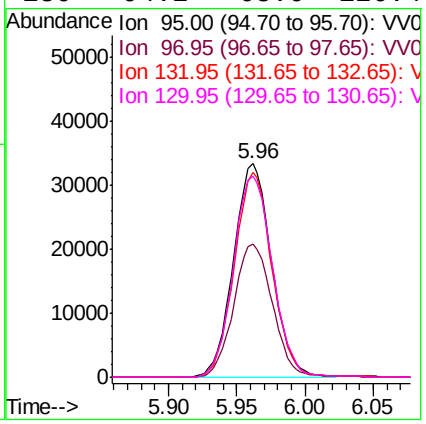


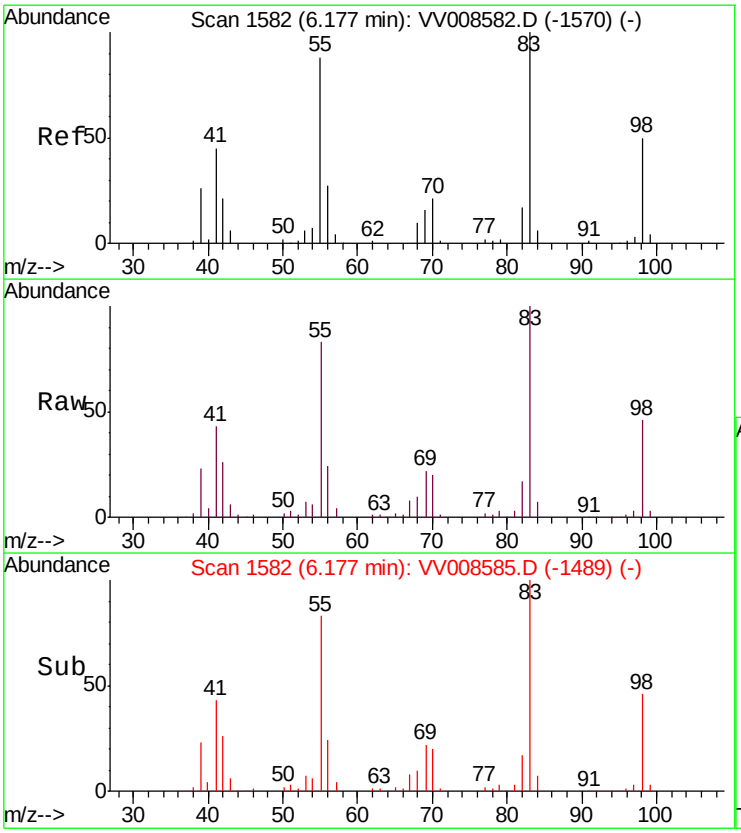

#34
Trichloroethene
Concen: 5.130 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion: 95 Resp: 64850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 62.4 | 45.1 | 83.7 |
| 132 | 96.0 | 66.3 | 123.1 |
| 130 | 94.2 | 68.0 | 126.4 |

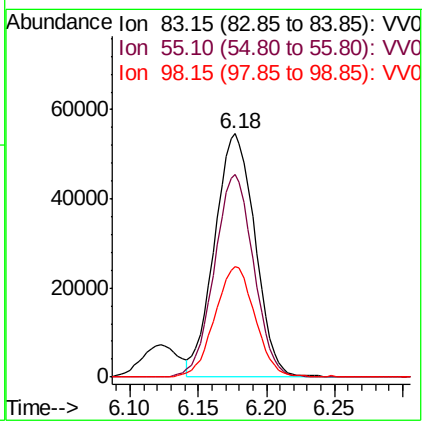


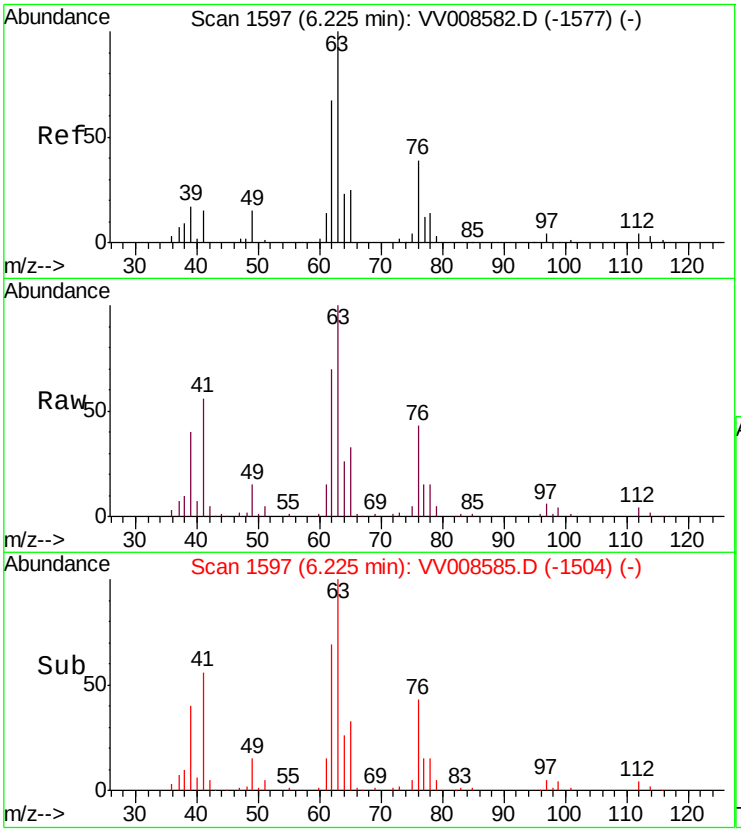




#35
Methylcyclohexane
Concen: 5.255 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion: 83 Resp: 112474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 81.0 | 65.6 | 98.4 |
| 98 | 45.2 | 36.4 | 54.6 |



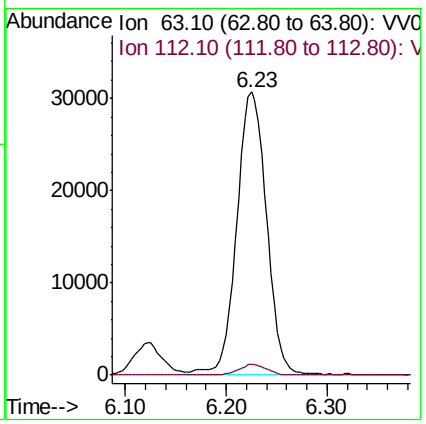


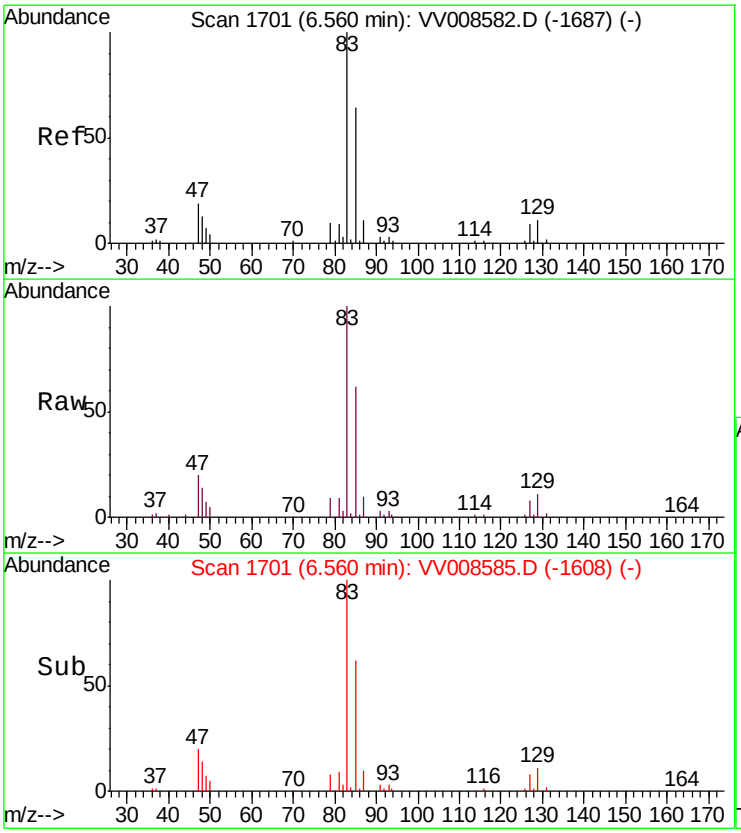

#37
1,2-Dichloropropane
Concen: 4.995 ug/L
RT: 6.23 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :** MSVOA_V
**ClientSampleId :** VICV66

Tgt Ion: 63 Resp: 62790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 3.4 | 2.8 | 4.2 |

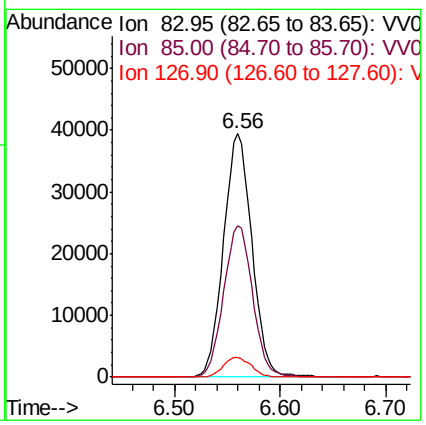


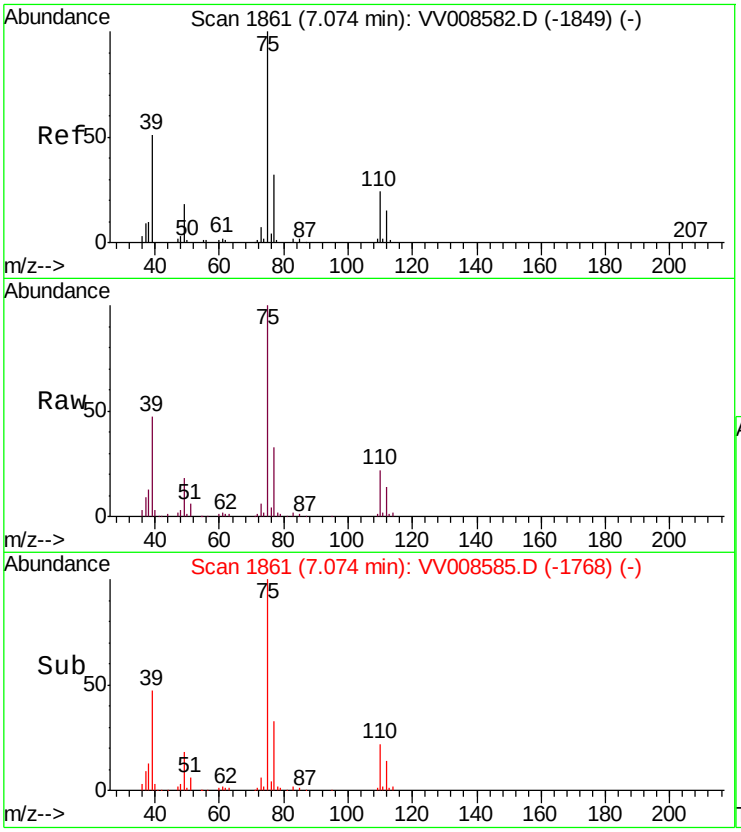




#38
Bromodichloromethane
Concen: 4.787 ug/L
RT: 6.56 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion: 83 Resp: 73420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.1 | 44.9 | 83.5 |
| 127 | 8.2 | 6.9 | 10.3 |



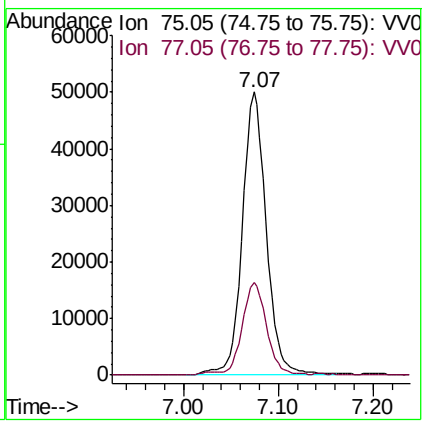


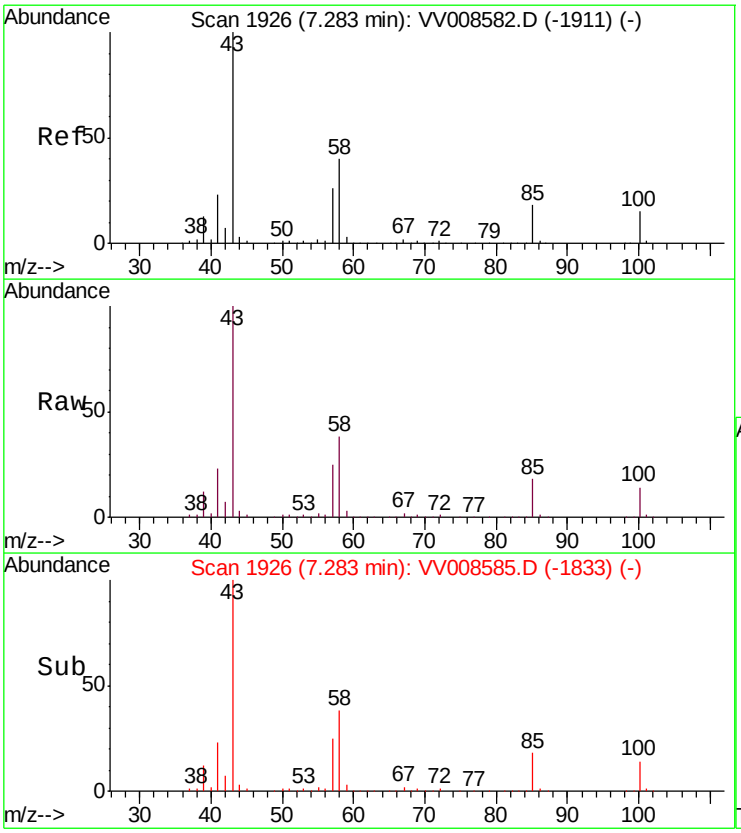

#39
cis-1,3-Dichloropropene
Concen: 5.222 ug/L
RT: 7.07 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion: 75 Resp: 88237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.6 | 23.0 | 42.8 |

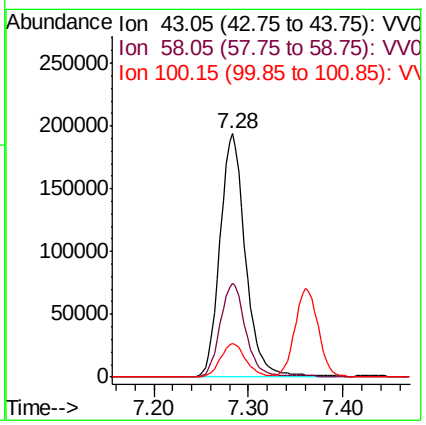


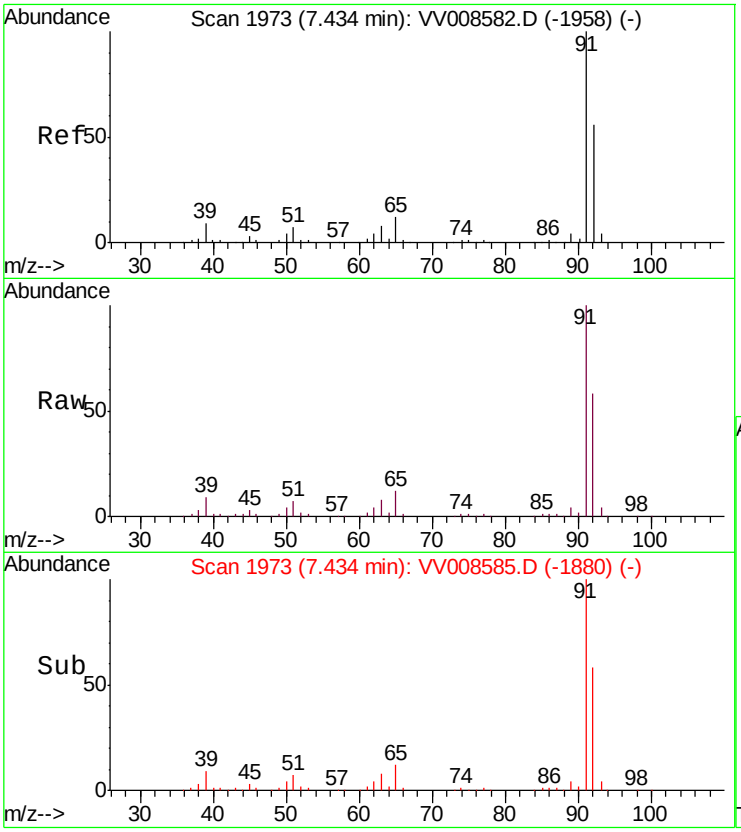




#40
4-Methyl-2-pentanone
Concen: 49.213 ug/L
RT: 7.28 min Scan# 1926
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion: 43 Resp: 362093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.4 | 31.0 | 46.4 |
| 100 | 13.8 | 11.1 | 16.7 |



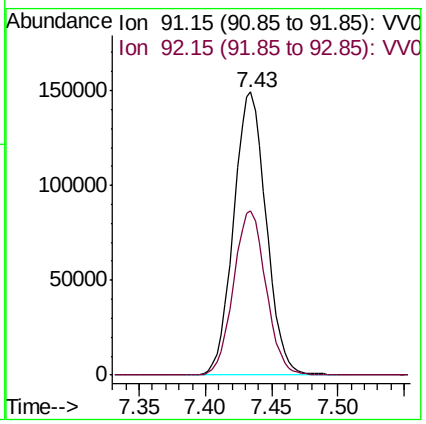


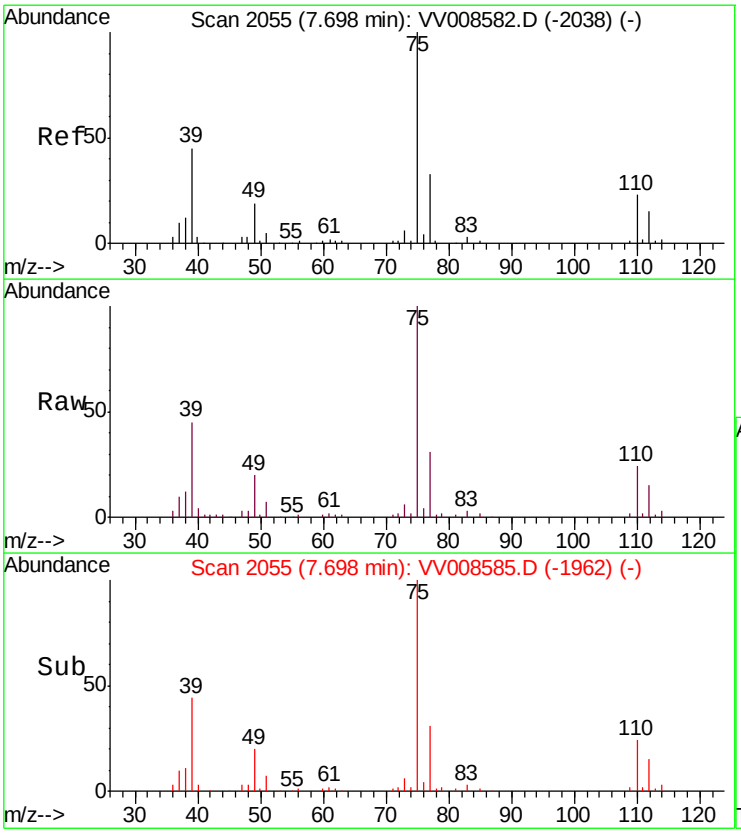

#42
Toluene
Concen: 5.116 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion: 91 Resp: 254963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 58.2 | 39.1 | 72.5 |

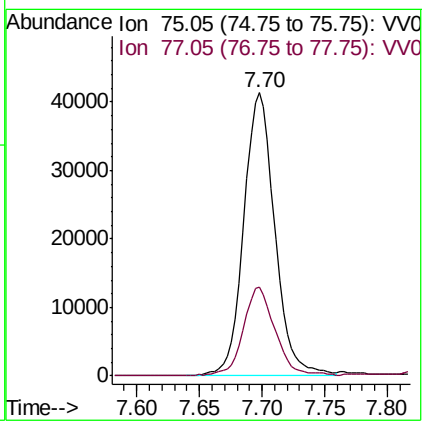


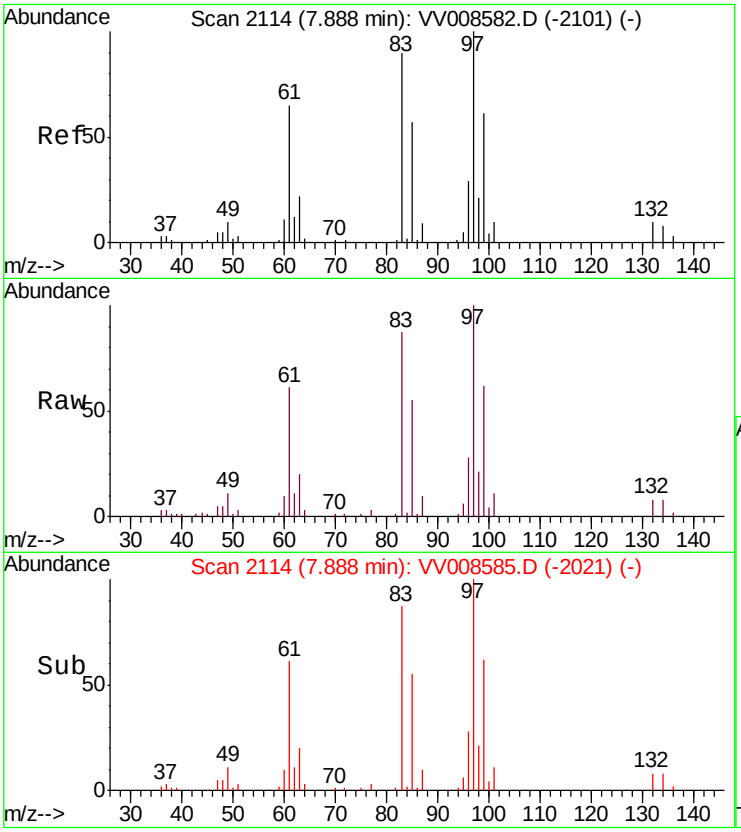




#44
trans-1,3-Dichloropropene
Concen: 5.169 ug/L
RT: 7.70 min Scan# 2055
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion: 75 Resp: 71152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.2 | 23.0 | 42.6 |



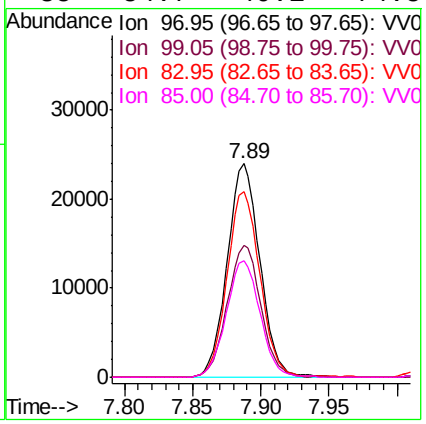


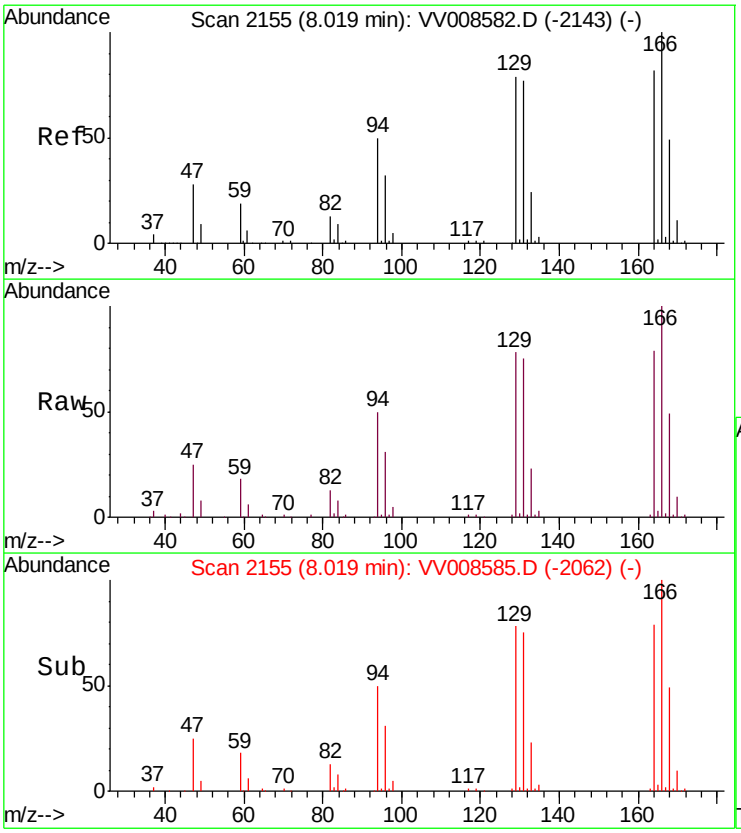

#45
1,1,2-Trichloroethane
Concen: 4.987 ug/L
RT: 7.89 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion: 97 Resp: 39897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 61.9 | 43.0 | 79.8 |
| 83 | 86.9 | 63.0 | 117.0 |
| 85 | 54.7 | 40.1 | 74.5 |

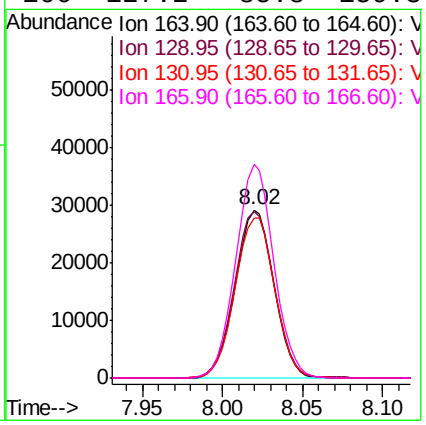


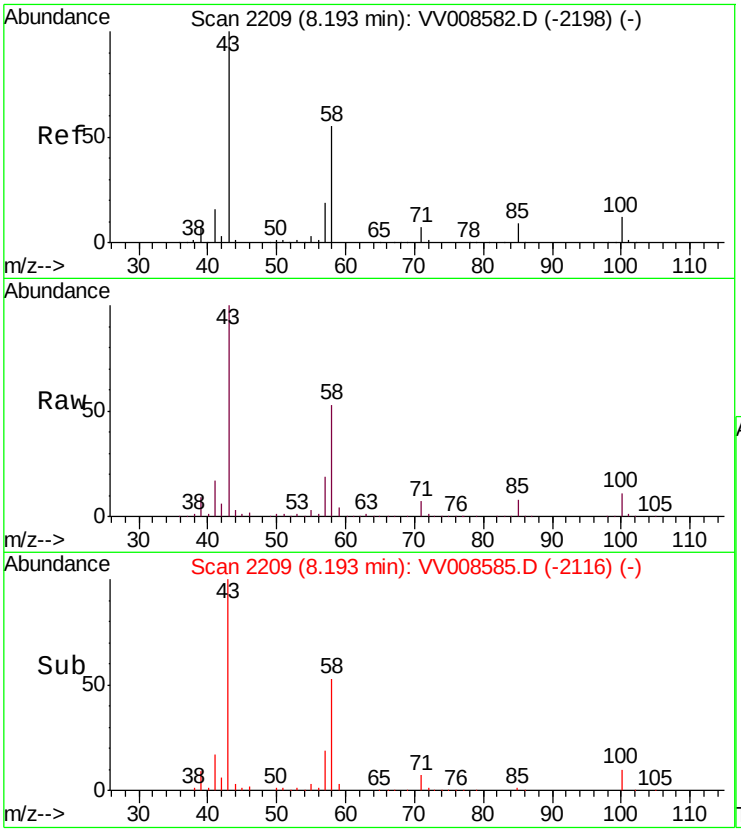




#47
Tetrachloroethene
Concen: 5.215 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion:164 Resp: 47699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 99.3 | 67.5 | 125.4 |
| 131 | 95.5 | 66.4 | 123.4 |
| 166 | 127.2 | 85.8 | 159.3 |



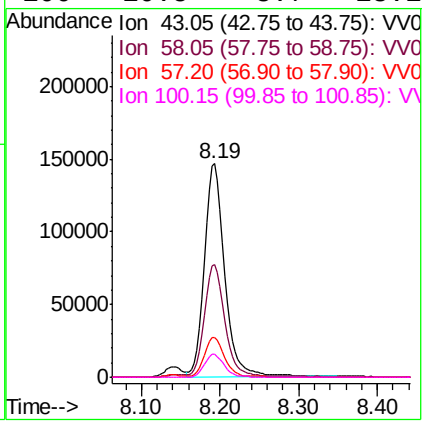


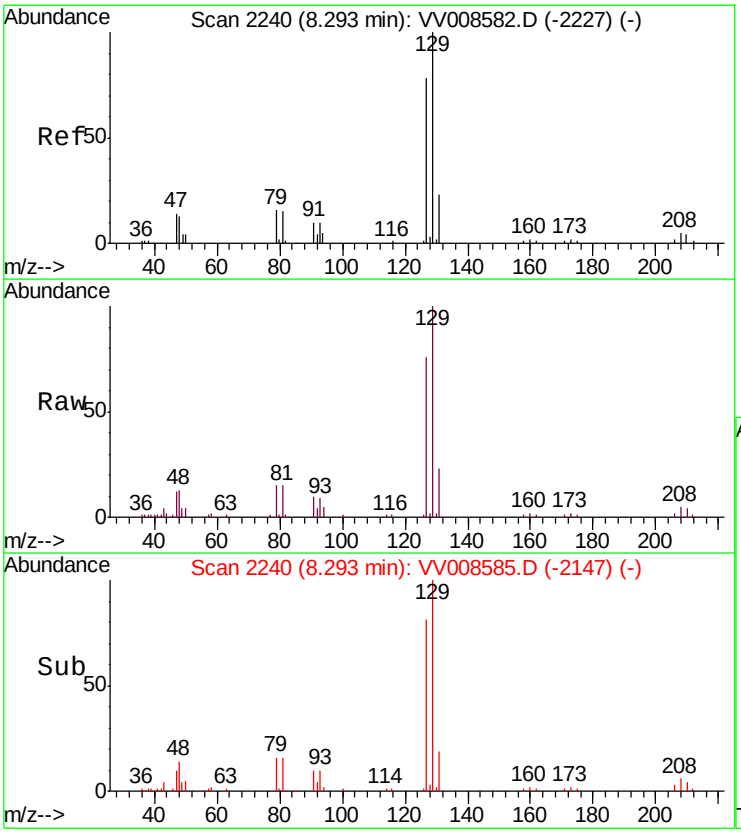

#48
2-Hexanone
Concen: 52.487 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion: 43 Resp: 260655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 53.0 | 41.8 | 62.8 |
| 57 | 18.9 | 15.4 | 23.0 |
| 100 | 10.5 | 8.7 | 13.1 |

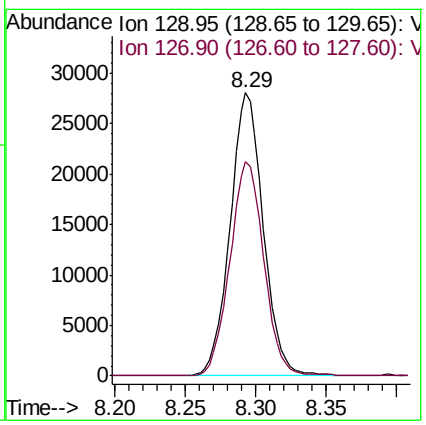


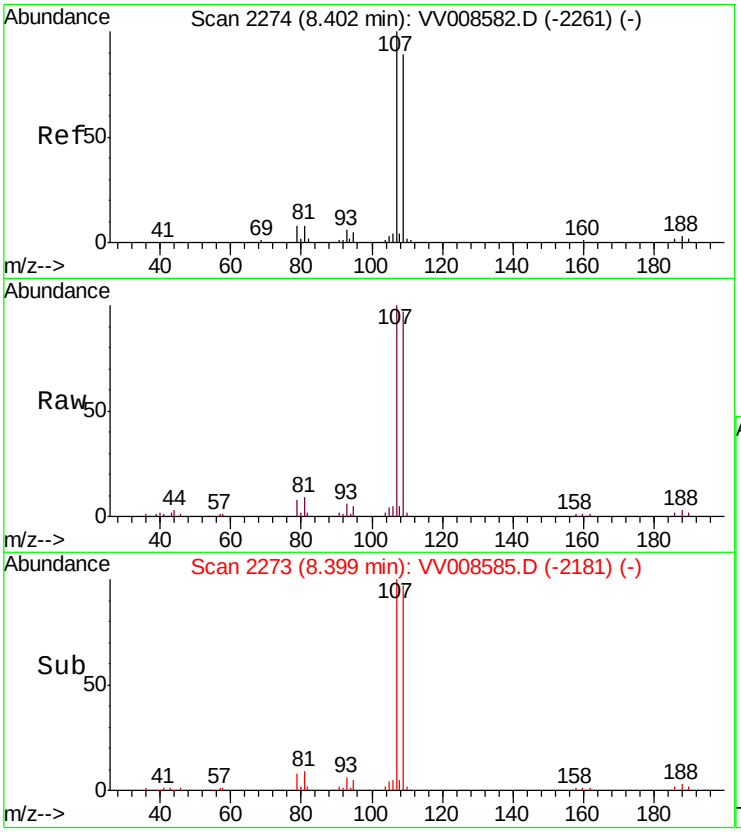




#49
Dibromochloromethane
Concen: 5.066 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion:129 Resp: 46093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 75.6 | 54.6 | 101.4 |



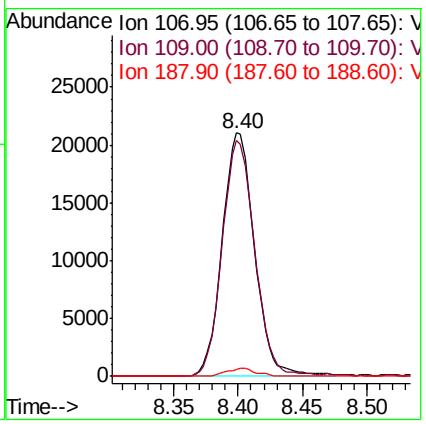


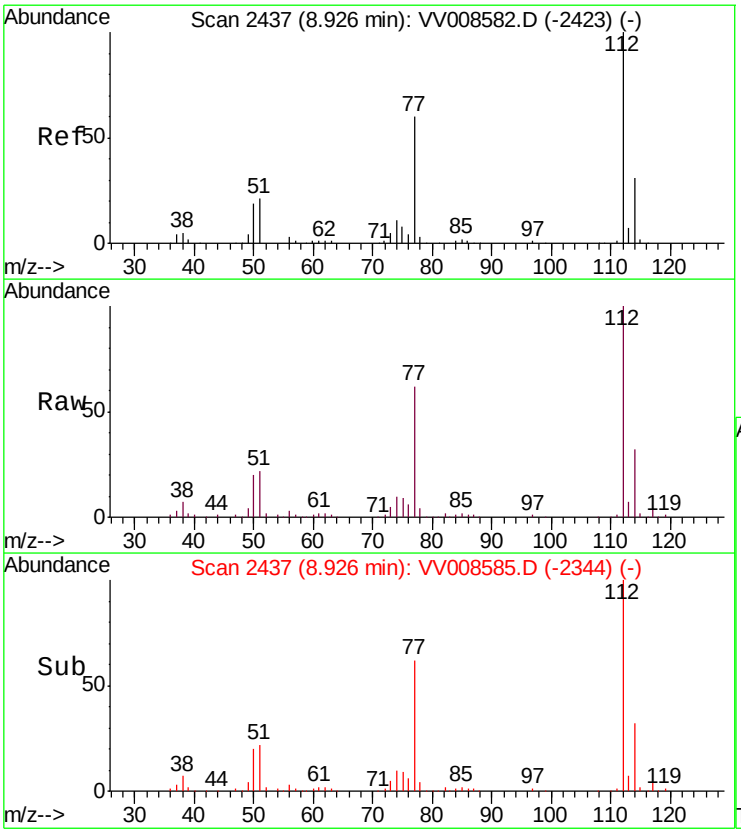

#50
1,2-Dibromoethane
Concen: 5.088 ug/L
RT: 8.40 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion:107 Resp: 36782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 97.1 | 62.1 | 115.3 |
| 188 | 2.8 | 2.2 | 3.4 |

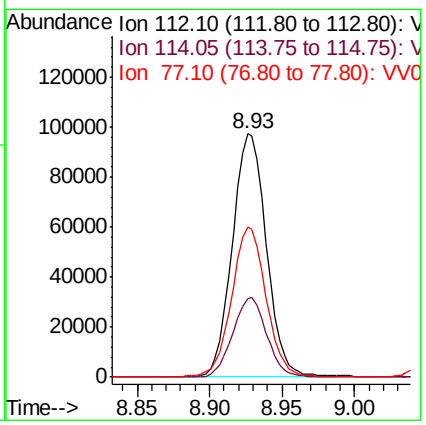


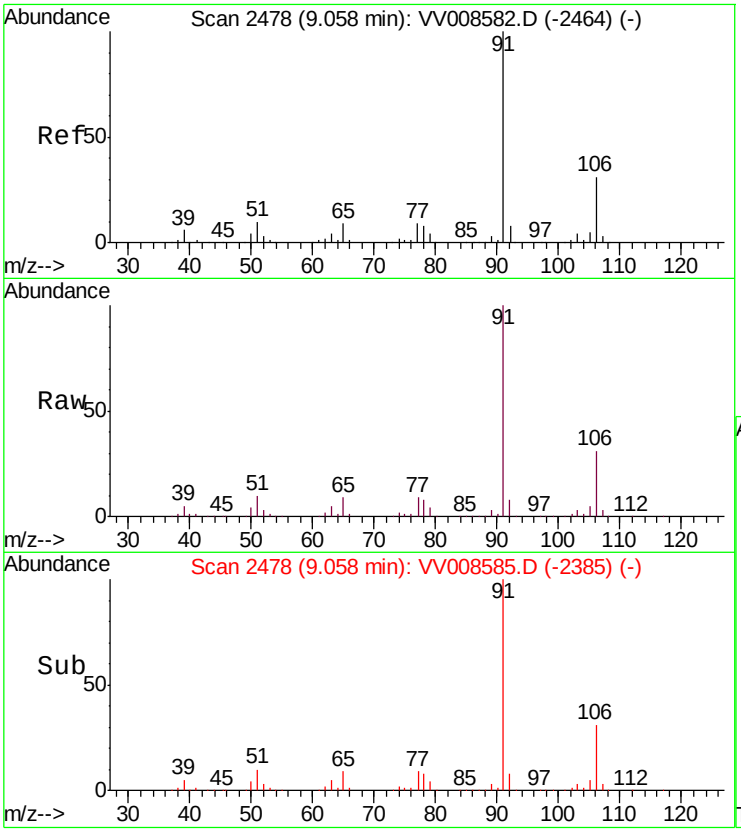




#51
Chlorobenzene
Concen: 5.169 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion:112 Resp: 158916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.4 | 21.9 | 40.7 |
| 77 | 61.7 | 47.9 | 71.9 |



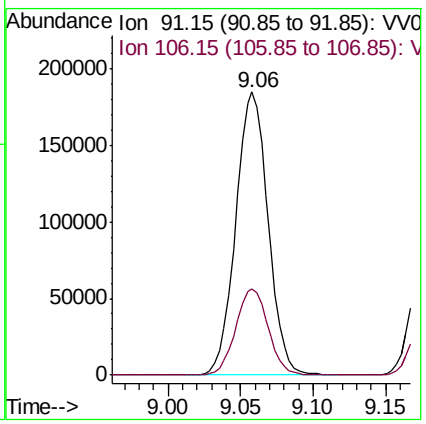


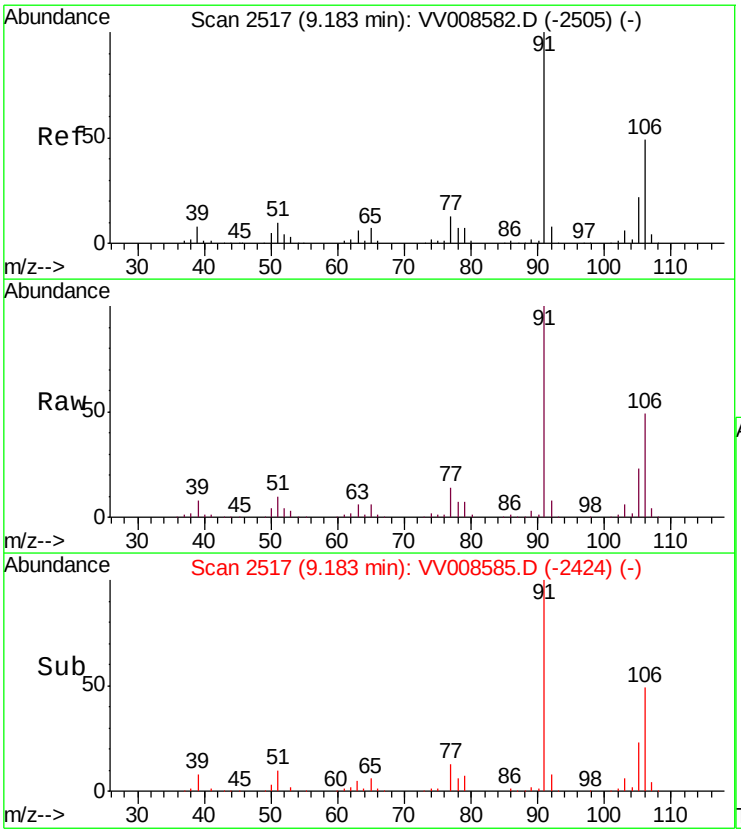

#52
Ethylbenzene
Concen: 5.203 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion: 91 Resp: 285445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.7 | 21.3 | 39.6 |

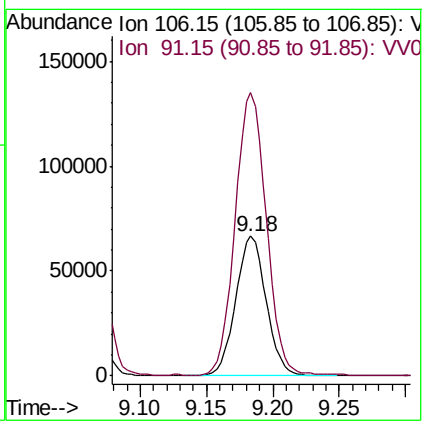


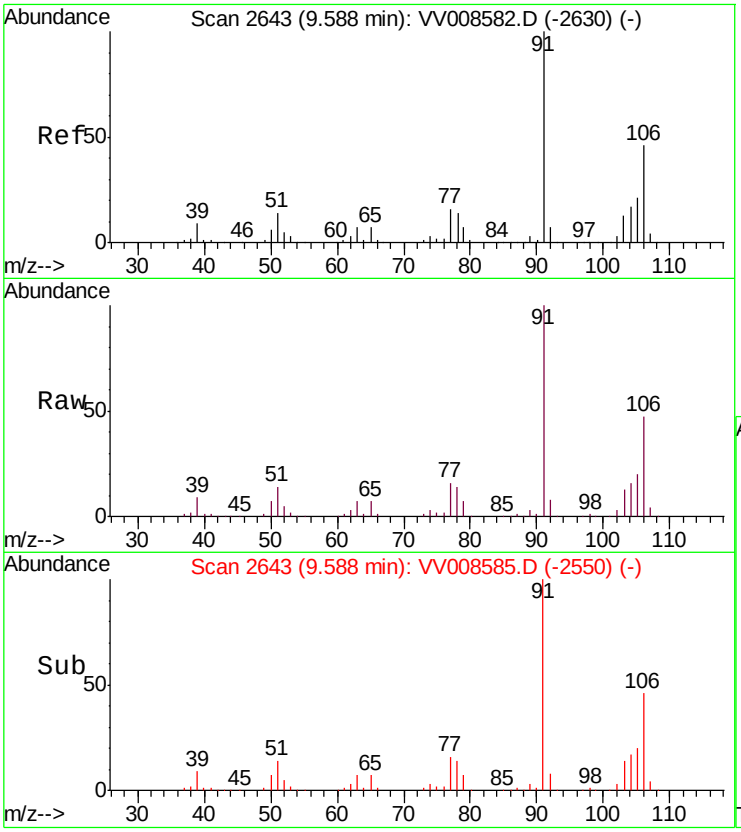




#53
m,p-xylene
Concen: 5.206 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion:106 Resp: 105570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 202.7 | 144.0 | 267.4 |



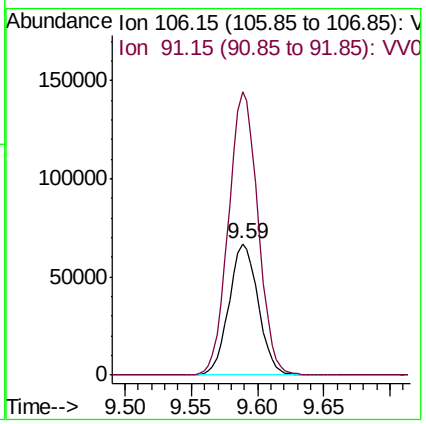


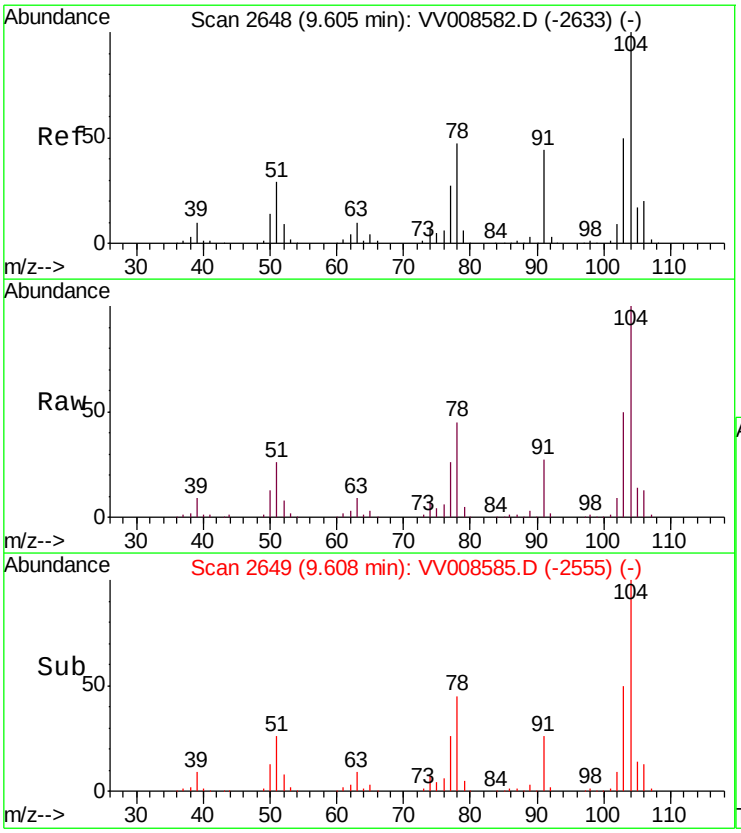

#54
o-xylene
Concen: 5.210 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion:106 Resp: 102822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 215.0 | 152.9 | 284.1 |

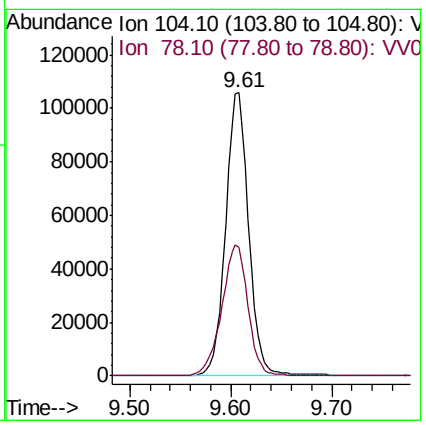


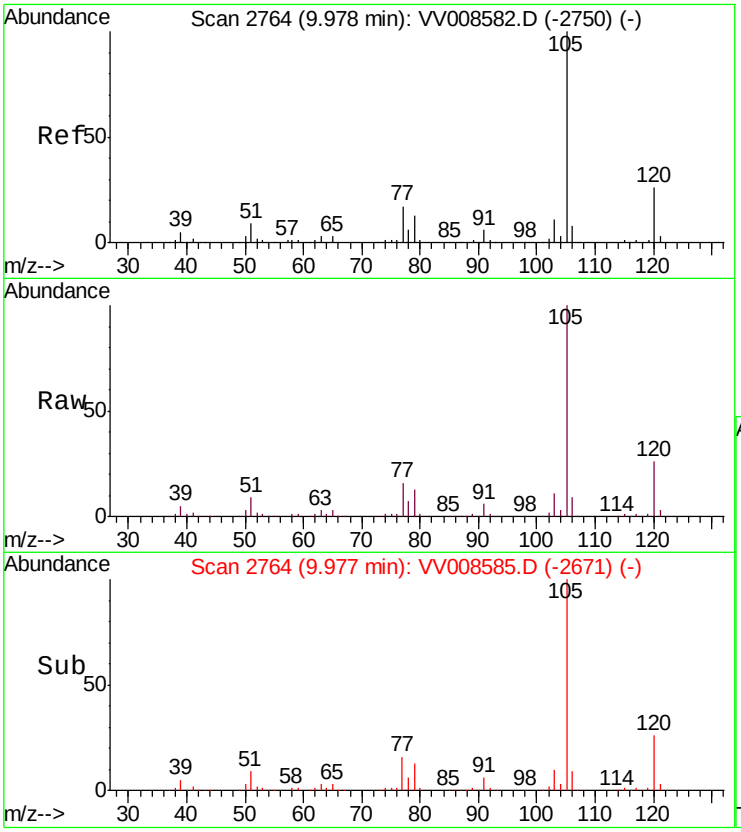




#55
Styrene
Concen: 5.325 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. 0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion:104 Resp: 169646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 45.2 | 32.9 | 61.1 |



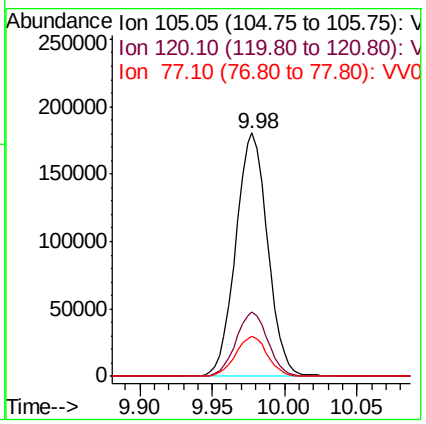


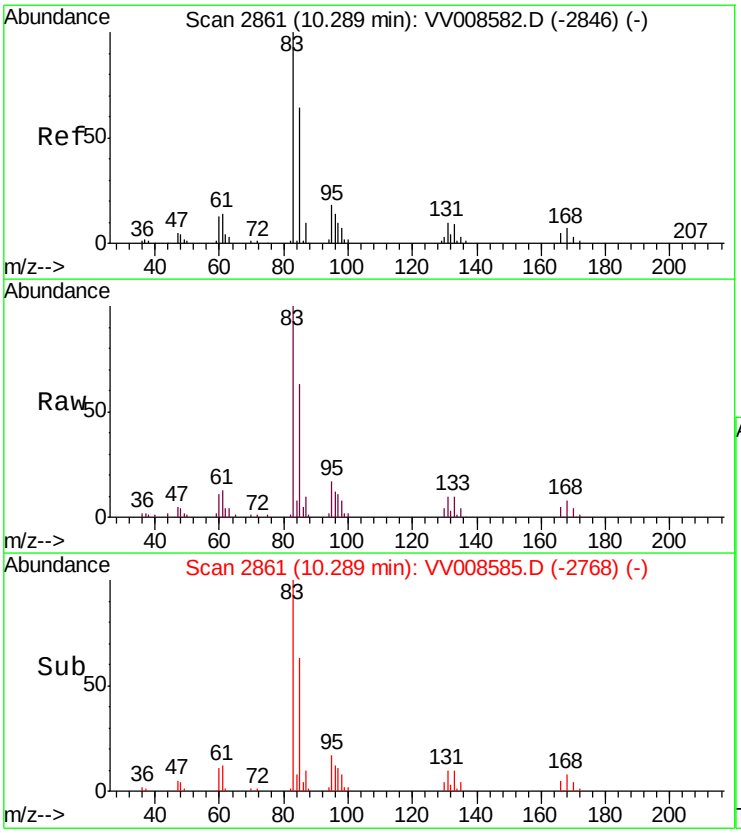

#56
Isopropylbenzene
Concen: 5.211 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion:105 Resp: 276134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.3 | 21.0 | 31.6 |
| 77 | 16.4 | 13.0 | 19.4 |

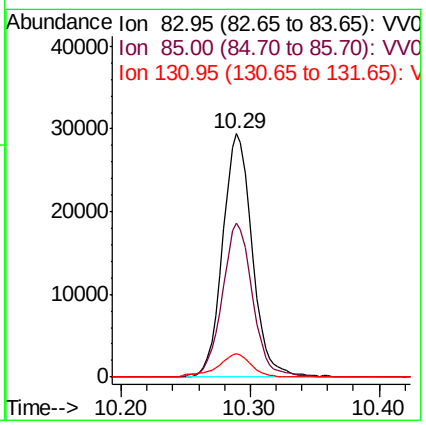


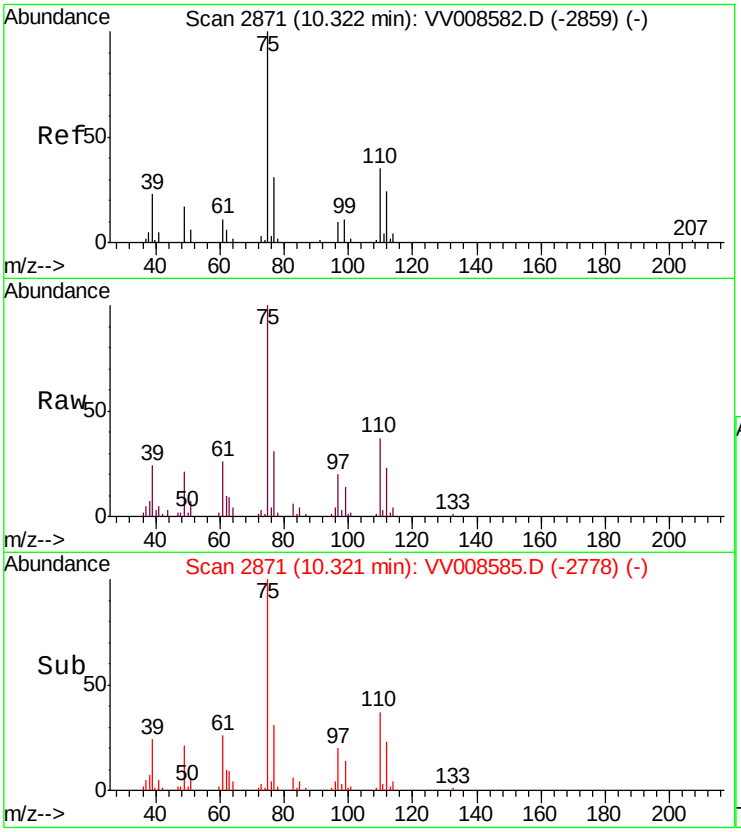




#58
1,1,2,2-Tetrachloroethane
Concen: 4.940 ug/L
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion: 83 Resp: 46646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.3 | 44.8 | 83.2 |
| 131 | 9.7 | 8.1 | 12.1 |



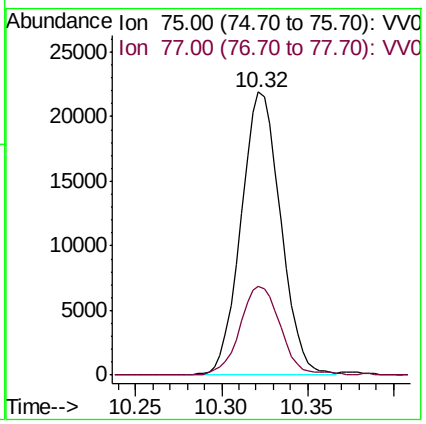


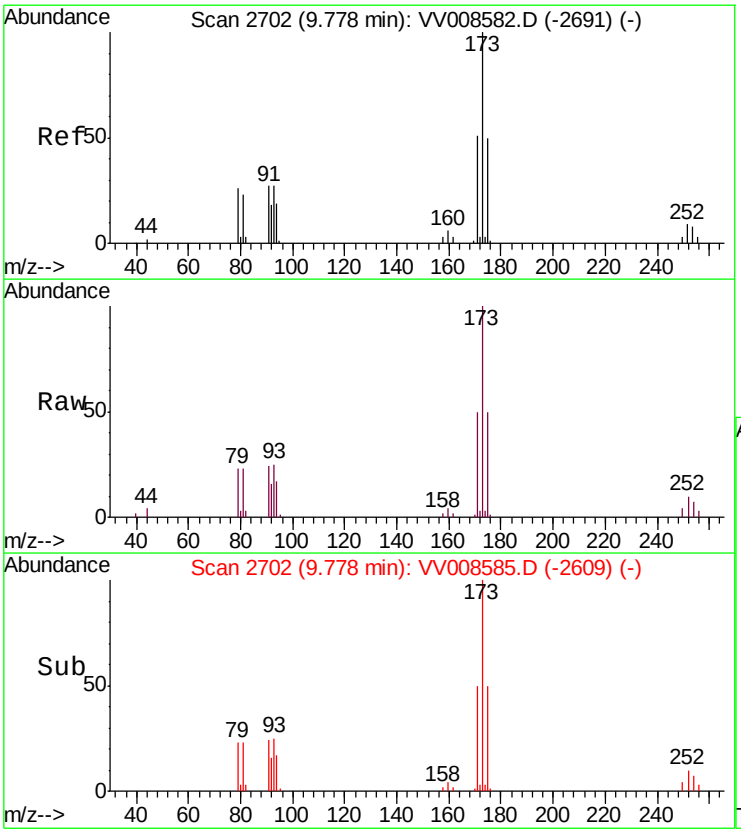

#59
1,2,3-Trichloropropane
Concen: 4.910 ug/L
RT: 10.32 min Scan# 2871
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :** MSVOA_V
**ClientSampleId :** VICV66

Tgt Ion: 75 Resp: 35008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.1 | 25.2 | 37.8 |

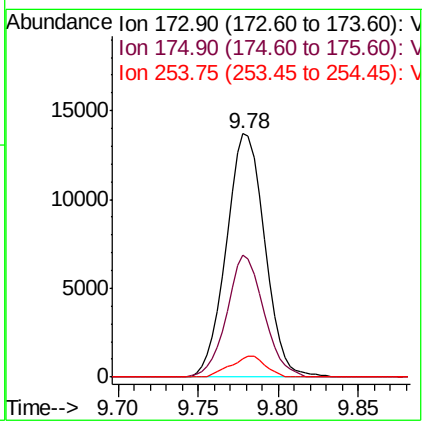


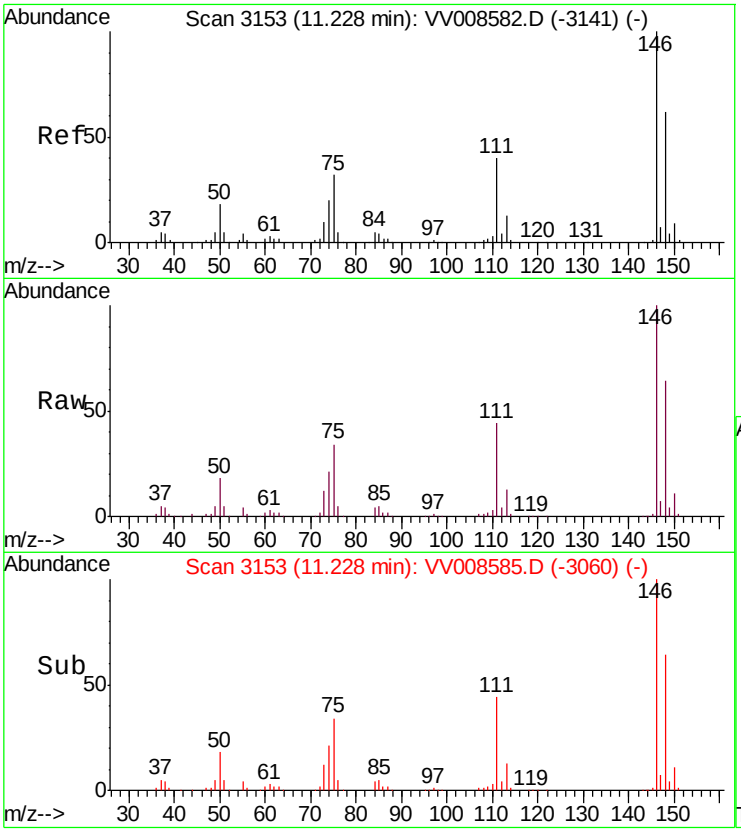




#61
Bromoform
Concen: 4.991 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion:173 Resp: 22454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.0 | 39.6 | 59.4 |
| 254 | 7.9 | 6.2 | 9.4 |



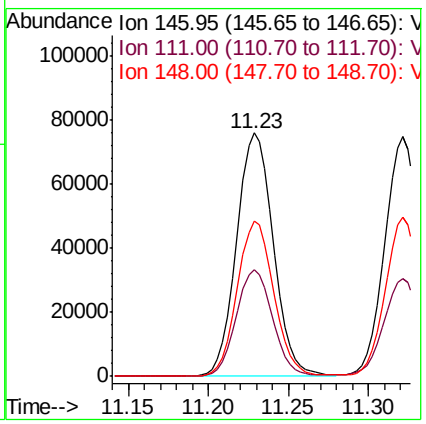


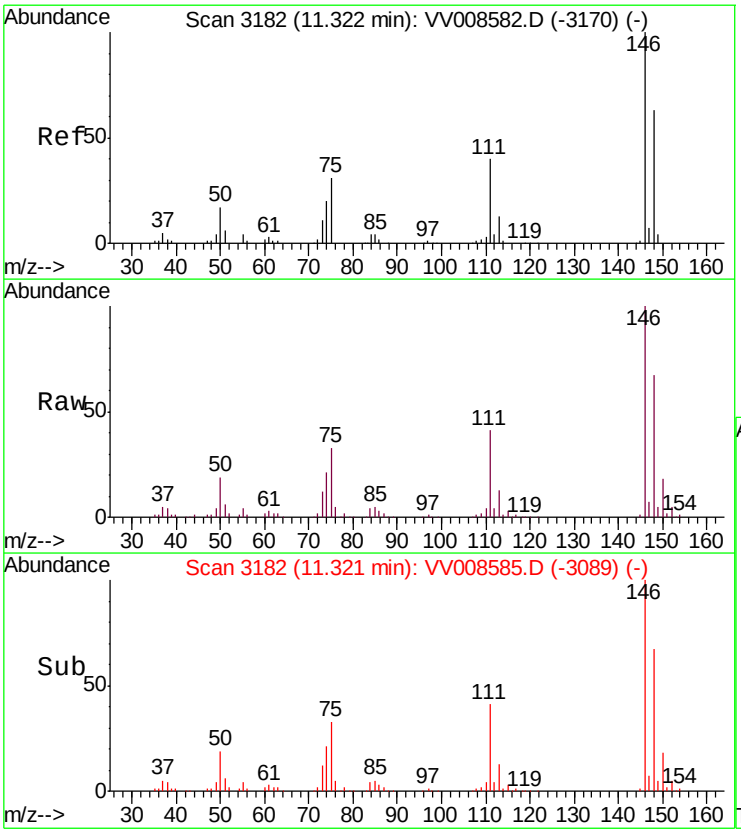

#62
1,3-Dichlorobenzene
Concen: 5.226 ug/L
RT: 11.23 min Scan# 3153
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :** MSVOA_V
**ClientSampleId :** VICV66

Tgt Ion:146 Resp: 119205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.9 | 28.1 | 52.1 |
| 148 | 63.7 | 43.0 | 80.0 |

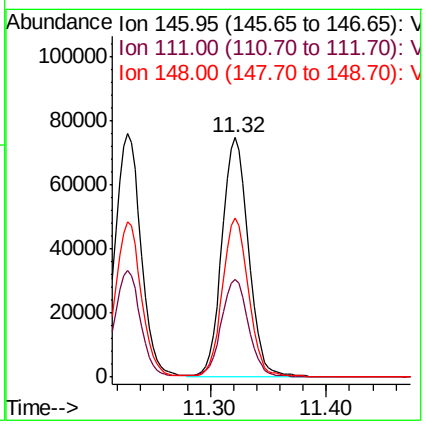


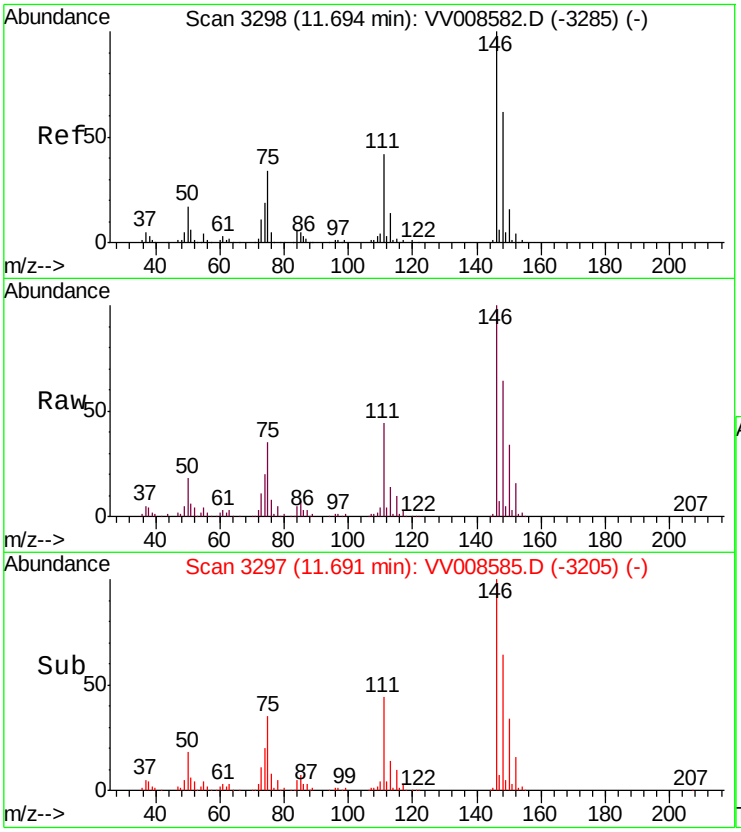




#63
1,4-Dichlorobenzene
Concen: 5.277 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion:146 Resp: 118617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.9 | 28.2 | 52.4 |
| 148 | 66.6 | 44.1 | 81.9 |



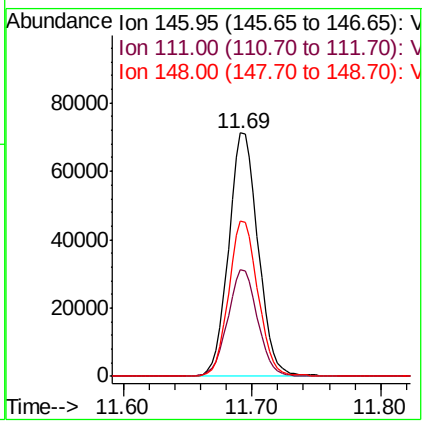


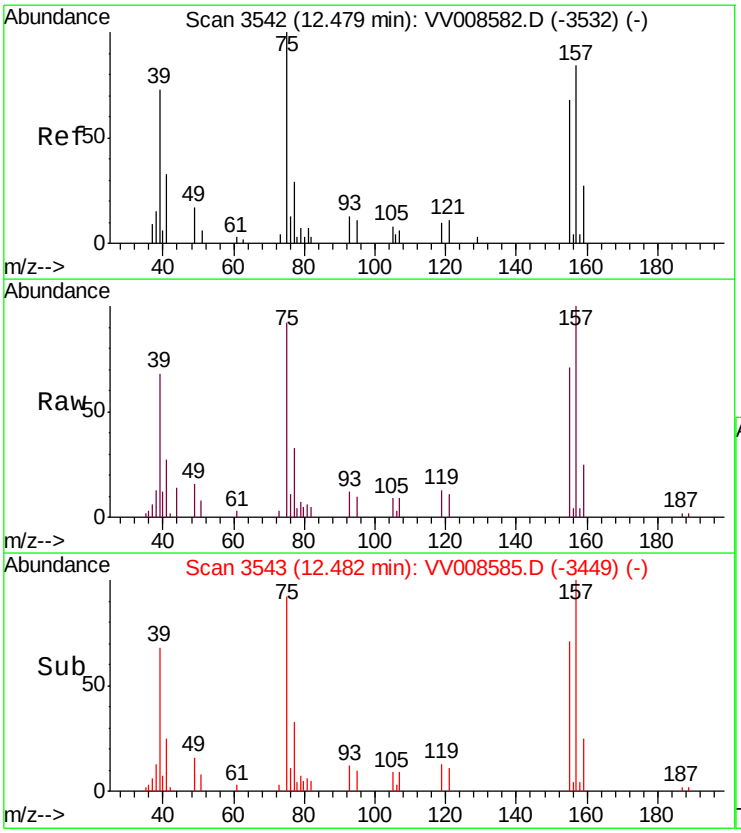

#65
1,2-Dichlorobenzene
Concen: 5.200 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :** MSVOA_V
**ClientSampleId :** VICV66

Tgt Ion:146 Resp: 112919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.7 | 33.5 | 50.3 |
| 148 | 63.8 | 50.0 | 75.0 |

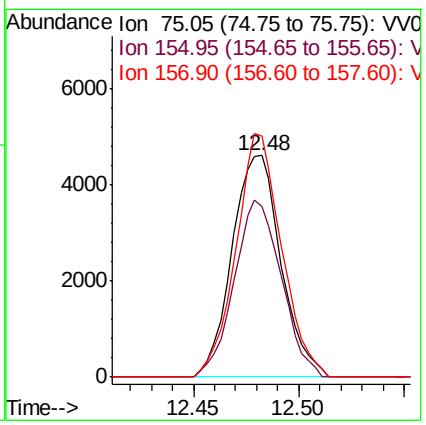


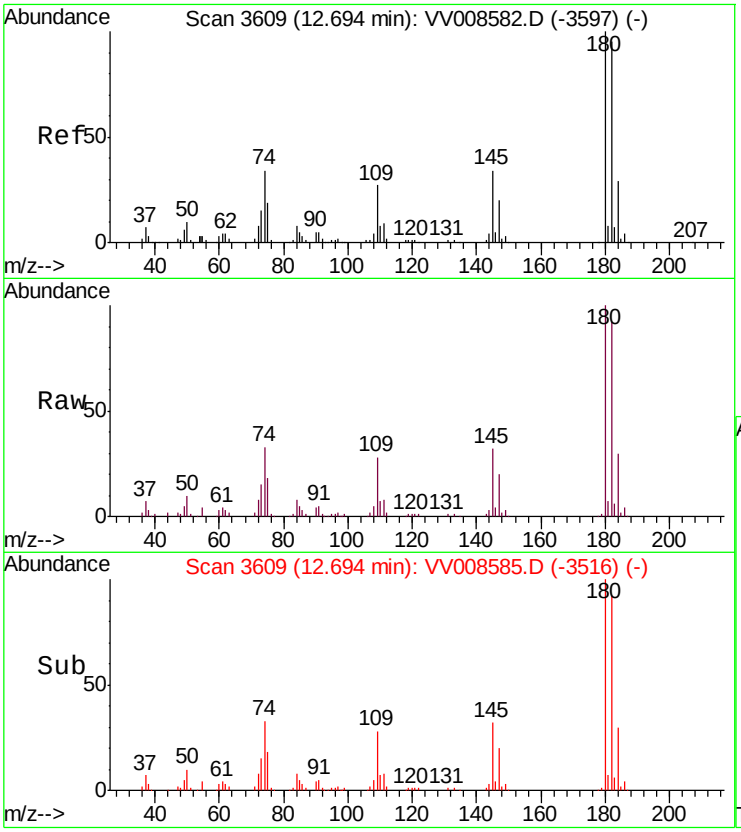




#66
1,2-Dibromo-3-chloropropane
Concen: 5.350 ug/L
RT: 12.48 min Scan# 3543
Delta R.T. 0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion: 75 Resp: 7434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 76.7 | 54.2 | 81.2 |
| 157 | 108.7 | 67.4 | 101.2# |



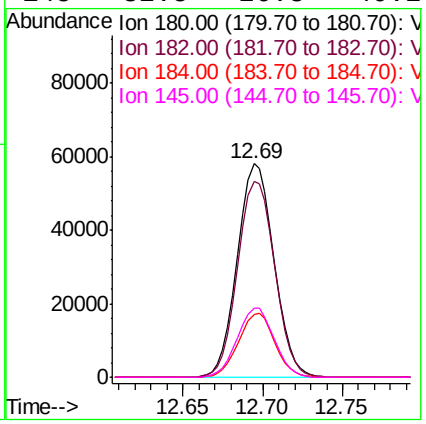


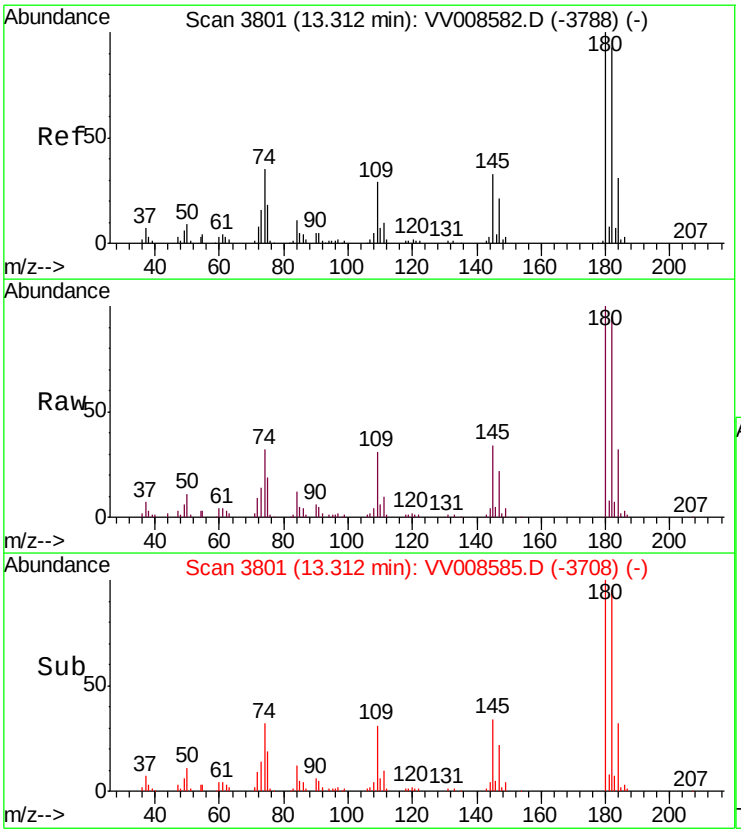

#67
1,3,5-Trichlorobenzene
Concen: 5.474 ug/L
RT: 12.69 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion:180 Resp: 90410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.1 | 75.9 | 113.9 |
| 184 | 29.7 | 23.9 | 35.9 |
| 145 | 32.5 | 26.8 | 40.2 |

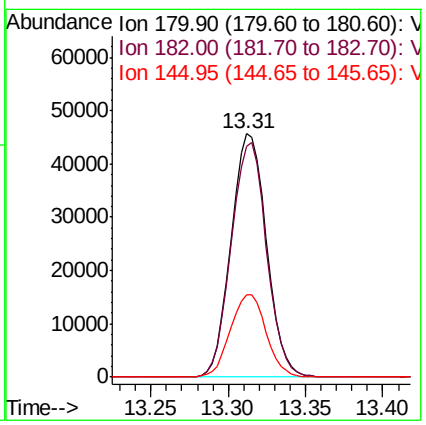


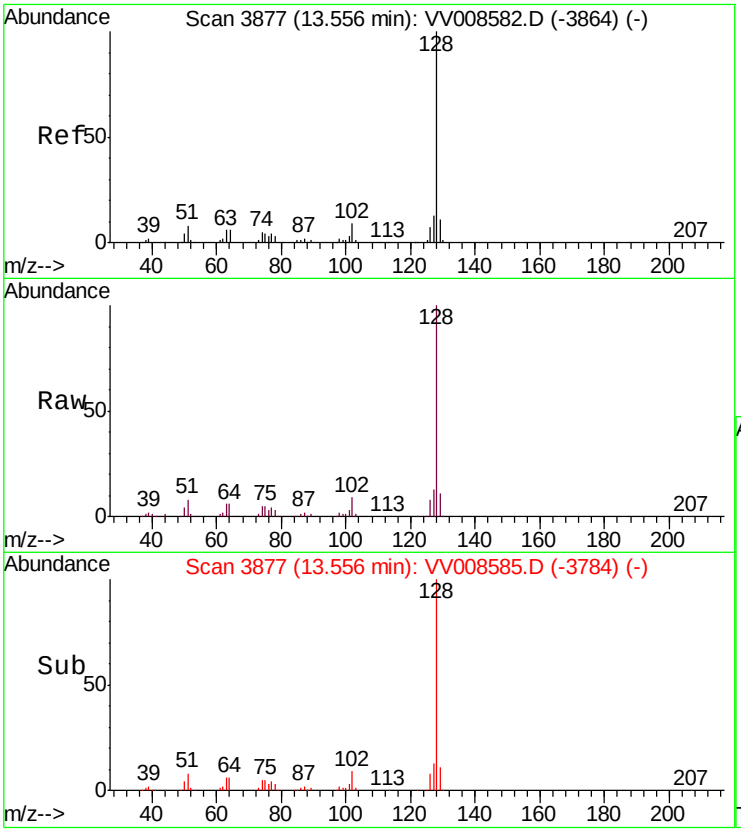




#68
1,2,4-trichlorobenzene
Concen: 5.463 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion:180 Resp: 72709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.2 | 76.4 | 114.6 |
| 145 | 34.0 | 27.1 | 40.7 |



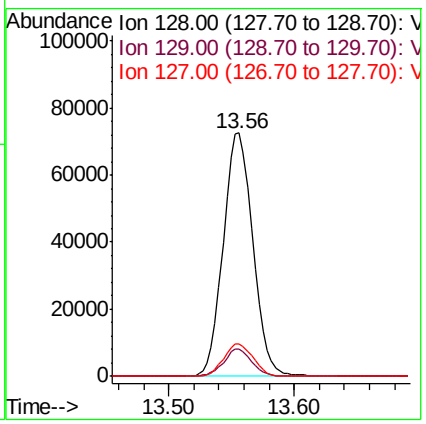


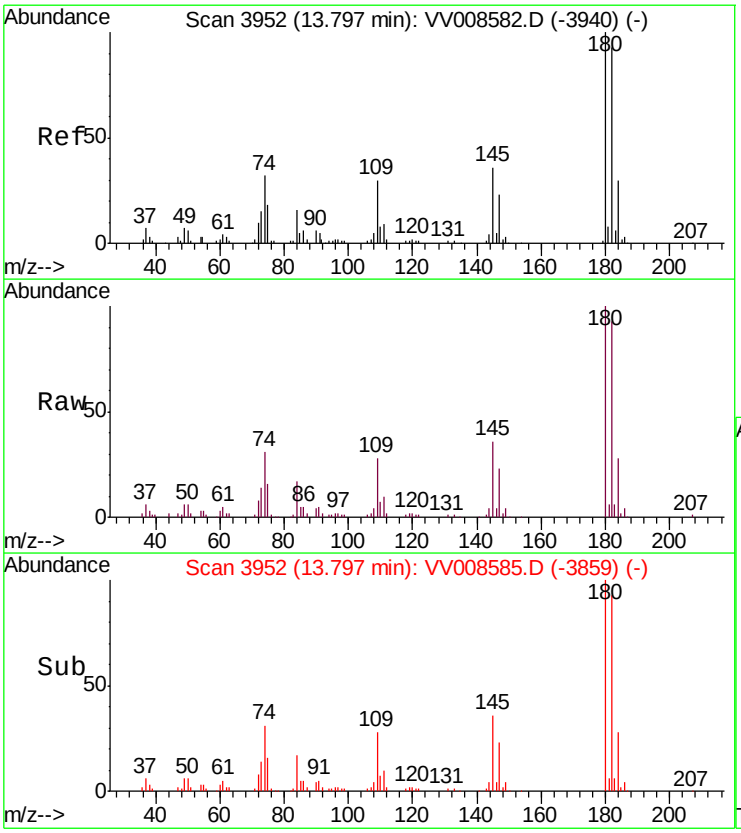

#69
Naphthalene
Concen: 5.498 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

**Instrument :**
MSVOA_V
**ClientSampleId :**
VICV66

Tgt Ion:128 Resp: 118882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.7 | 8.8 | 13.2 |
| 127 | 13.2 | 10.0 | 15.0 |




#70
1,2,3-Trichlorobenzene
Concen: 5.524 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion:180 Resp: 67829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.8 | 76.0 | 114.0 |
| 145 | 35.8 | 28.2 | 42.2 |