Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW123020\
Data File : VW017779.D
Acq On : 30 Dec 2020 13:17
Operator : SY/VA
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :**

Quant Time: Dec 31 05:56:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 30 19:04:45 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.84 | 114 | 302481 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 283874 | 25.00 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.55 | 152 | 150191 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.36 | 65 | 127509 | 24.80 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 99.20% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 110362 | 24.70 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 98.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 4.03 | 63 | 215635 | 24.92 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 99.68% | | | |
| 21) 2-Butanone-d5 | 7.08 | 46 | 55618 | 42.83 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 85.66% | | | |
| 24) Chloroform-d | 7.65 | 84 | 210746 | 24.57 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 98.28% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 120801 | 24.30 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 97.20% | | | |
| 32) Benzene-d6 | 8.27 | 84 | 407894 | 24.80 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 99.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 9.27 | 67 | 115373 | 24.51 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 98.04% | | | |
| 41) Toluene-d8 | 10.32 | 98 | 392000 | 24.84 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 99.36% | | | |
| 43) trans-1,3-Dichloropropene- | 10.58 | 79 | 55690 | 24.88 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 99.52% | | | |
| 47) 2-Hexanone-d5 | 10.93 | 63 | 42242 | 48.04 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 96.08% | | | |
| 56) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 110400 | 24.24 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 96.96% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.85 | 152 | 133835 | 24.03 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 96.12% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.01 | 85 | 76023 | 20.857 | ug/L # | 89 |
| 3) Chloromethane | 2.21 | 50 | 80568 | 25.410 | ug/L | 96 |
| 5) Vinyl chloride | 2.37 | 62 | 137983 | 26.394 | ug/L | 98 |
| 6) Bromomethane | 2.78 | 94 | 116906 | 25.271 | ug/L | 95 |
| 8) Chloroethane | 2.92 | 64 | 94098 | 27.218 | ug/L | 95 |
| 9) Trichlorofluoromethane | 3.26 | 101 | 95161 | 26.767 | ug/L | 99 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 4.07 | 101 | 105956 | 26.004 | ug/L | 98 |
| 13) Acetone | 4.13 | 43 | 41959 | 47.597 | ug/L | 96 |
| 14) Carbon disulfide | 4.39 | 76 | 308484 | 27.847 | ug/L | 98 |
| 15) Methyl Acetate | 4.67 | 43 | 48466 | 25.451 | ug/L | 99 |
| 16) Methylene chloride | 4.92 | 84 | 108045 | 22.157 | ug/L | 98 |
| 17) trans-1,2-Dichloroethene | 5.43 | 96 | 110152 | 26.601 | ug/L | 95 |
| 18) Methyl tert-butyl Ether | 5.42 | 73 | 136913 | 25.954 | ug/L | 99 |
| 19) 1,1-Dichloroethane | 6.21 | 63 | 190999 | 26.036 | ug/L | 100 |
| 20) cis-1,2-Dichloroethene | 7.17 | 96 | 116135 | 26.211 | ug/L | 100 |
| 22) 2-Butanone | 7.17 | 43 | 67089 | 45.800 | ug/L | 98 |
| 23) Bromochloromethane | 7.51 | 128 | 52344 | 25.815 | ug/L | 96 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW123020\
Data File : VW017779.D
Acq On : 30 Dec 2020 13:17
Operator : SY/VA
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :**

Quant Time: Dec 31 05:56:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 30 19:04:45 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 25) Chloroform | 7.68 | 83 | 203479 | 26.149 ug/L | 99 |
| 27) 1,2-Dichloroethane | 8.40 | 62 | 143871 | 25.891 ug/L | 98 |
| 29) Cyclohexane | 7.95 | 56 | 181584 | 27.256 ug/L | 99 |
| 30) 1,1,1-Trichloroethane | 7.87 | 97 | 173764 | 26.621 ug/L | 98 |
| 31) Carbon tetrachloride | 8.06 | 117 | 164616 | 26.850 ug/L | 99 |
| 33) Benzene | 8.32 | 78 | 440549 | 26.576 ug/L | 100 |
| 34) Trichloroethene | 9.09 | 95 | 119564 | 26.410 ug/L | 98 |
| 35) Methylcyclohexane | 9.34 | 83 | 210685 | 27.178 ug/L | 100 |
| 37) 1,2-Dichloropropane | 9.37 | 63 | 104874 | 26.137 ug/L | 100 |
| 38) Bromodichloromethane | 9.65 | 83 | 149166 | 26.321 ug/L | 93 |
| 39) cis-1,3-Dichloropropene | 10.07 | 75 | 174606 | 27.257 ug/L | 99 |
| 40) 4-Methyl-2-pentanone | 10.21 | 43 | 142362 | 49.987 ug/L | 99 |
| 42) Toluene | 10.38 | 91 | 497254 | 26.484 ug/L | 98 |
| 44) trans-1,3-Dichloropropene | 10.60 | 75 | 156943 | 26.867 ug/L | 96 |
| 45) 1,1,2-Trichloroethane | 10.79 | 97 | 87316 | 25.927 ug/L | 96 |
| 46) Tetrachloroethene | 10.87 | 164 | 91475 | 26.367 ug/L | 96 |
| 48) 2-Hexanone | 10.97 | 43 | 100433 | 50.337 ug/L | 96 |
| 49) Dibromochloromethane | 11.13 | 129 | 101083 | 26.155 ug/L | 96 |
| 50) 1,2-Dibromoethane | 11.23 | 107 | 86181 | 25.899 ug/L | 94 |
| 51) Chlorobenzene | 11.66 | 112 | 321039 | 26.948 ug/L | 94 |
| 52) Ethylbenzene | 11.73 | 91 | 573146 | 26.730 ug/L | 99 |
| 53) m,p-Xylene | 11.84 | 106 | 221967 | 26.757 ug/L | 98 |
| 54) o-Xylene | 12.16 | 106 | 212239 | 27.108 ug/L | 97 |
| 55) Styrene | 12.18 | 104 | 360581 | 26.917 ug/L | 96 |
| 57) 1,1,2,2-Tetrachloroethane | 12.71 | 83 | 112674 | 25.731 ug/L | 99 |
| 59) Bromoform | 12.35 | 173 | 57428 | 25.544 ug/L | 98 |
| 60) Isopropylbenzene | 12.46 | 105 | 582344 | 26.566 ug/L | 100 |
| 61) 1,2,3-Trichloropropane | 12.77 | 75 | 83589 | 25.330 ug/L | 99 |
| 62) 1,3,5-Trimethylbenzene | 12.94 | 105 | 474165 | 27.191 ug/L | 97 |
| 63) 1,2,4-Trimethylbenzene | 13.25 | 105 | 477697 | 26.917 ug/L | 98 |
| 64) 1,3-Dichlorobenzene | 13.50 | 146 | 247509 | 26.154 ug/L | 96 |
| 65) 1,4-Dichlorobenzene | 13.58 | 146 | 248431 | 26.428 ug/L | 94 |
| 67) 1,2-Dichlorobenzene | 13.87 | 146 | 223494 | 26.318 ug/L | 96 |
| 68) 1,2-Dibromo-3-chloropropan | 14.48 | 75 | 19430 | 24.605 ug/L | 91 |
| 69) 1,3,5-Trichlorobenzene | 14.63 | 180 | 167752 | 26.200 ug/L | 96 |
| 70) 1,2,4-trichlorobenzene | 15.13 | 180 | 141133 | 25.459 ug/L | 98 |
| 71) Naphthalene | 15.36 | 128 | 329050 | 25.759 ug/L | 99 |
| 72) 1,2,3-Trichlorobenzene | 15.55 | 180 | 126536 | 25.970 ug/L | 97 |

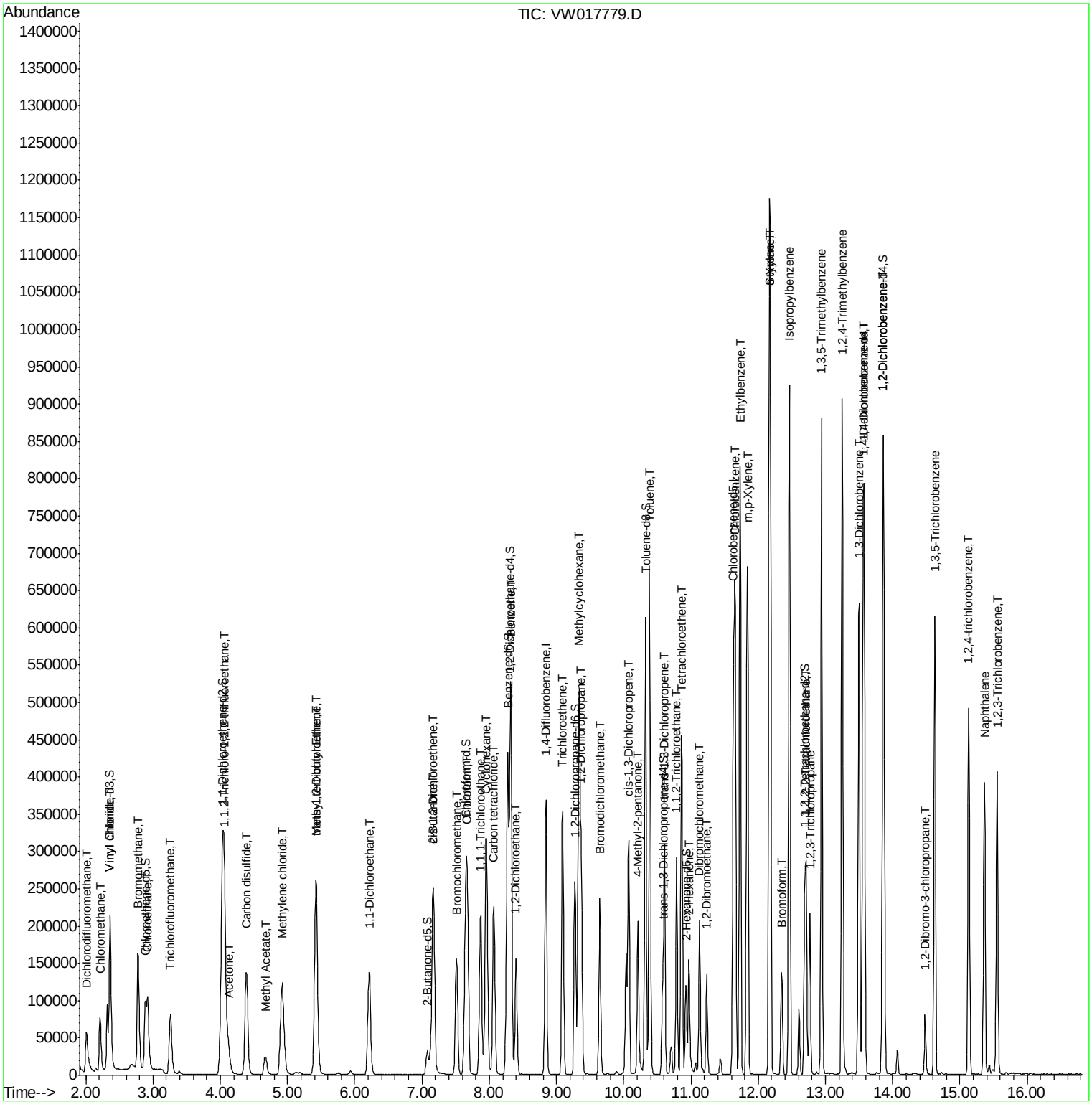
(#) = qualifier out of range (m) = manual integration (+) = signals summed

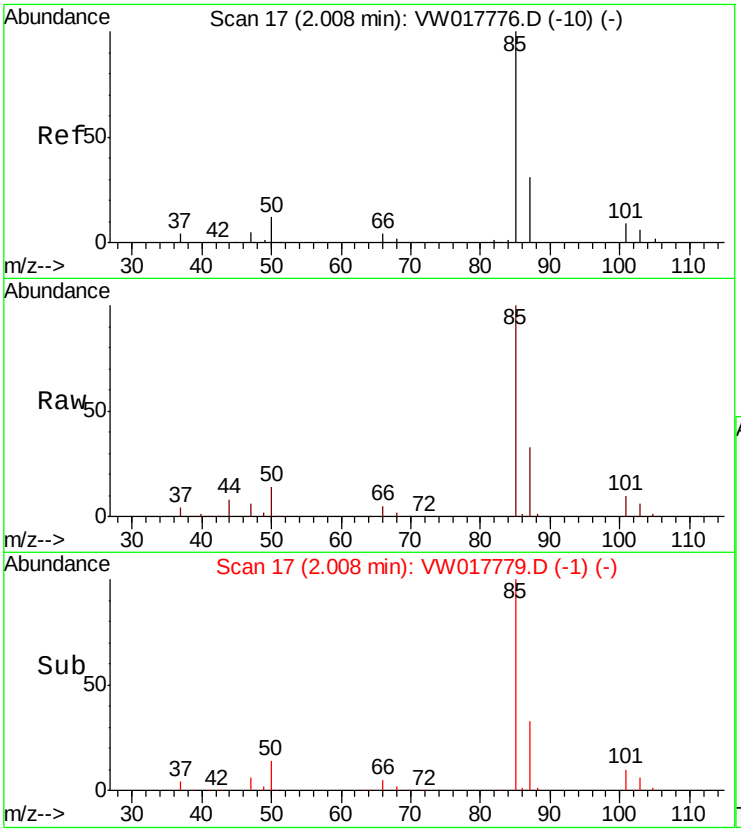
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW123020\
Data File : VW017779.D
Acq On : 30 Dec 2020 13:17
Operator : SY/VA
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**

Quant Time: Dec 31 05:56:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 30 19:04:45 2020
Response via : Initial Calibration



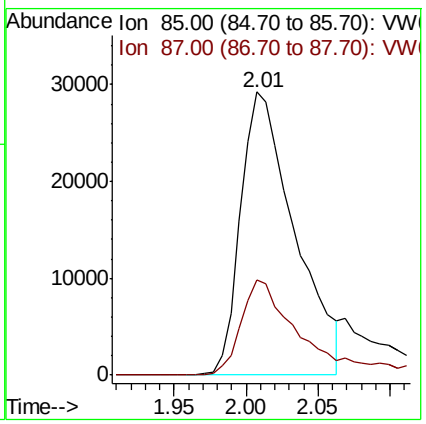


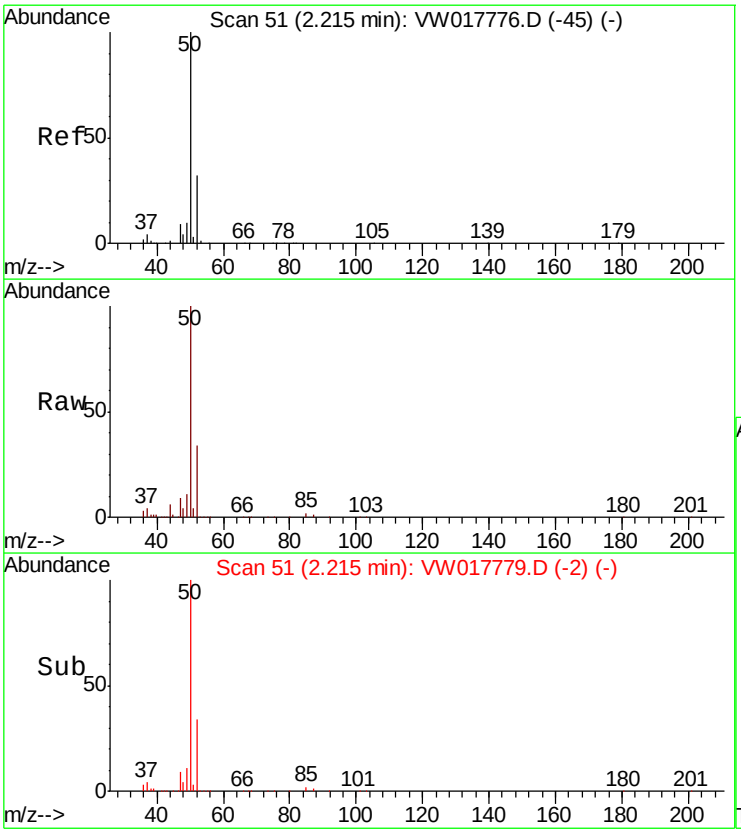

#2
Dichlorodifluoromethane
Concen: 20.857 ug/L
RT: 2.01 min Scan# 17
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :**
MSVOA_W
**ClientSampleId :**

Tgt Ion: 85 Resp: 76023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 35.0 | 23.3 | 34.9# |

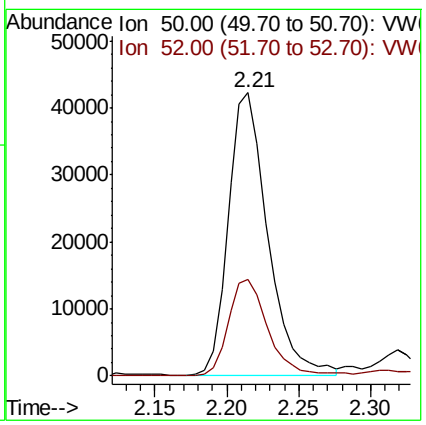


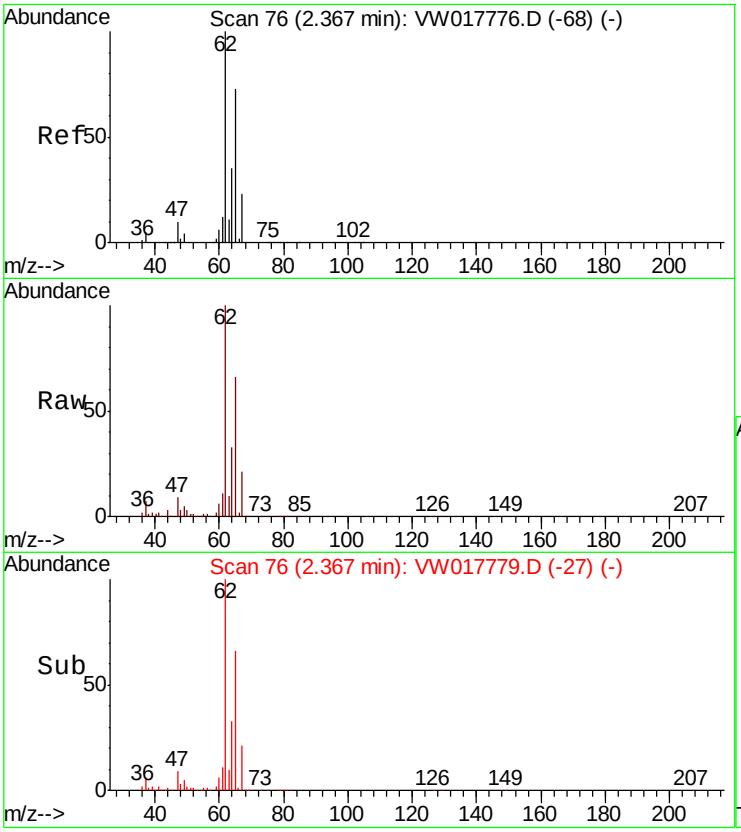




#3
Chloromethane
Concen: 25.410 ug/L
RT: 2.21 min Scan# 51
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion: 50 Resp: 80568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 34.3 | 22.5 | 41.9 |



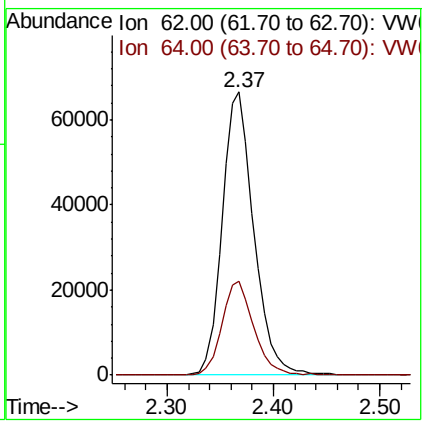


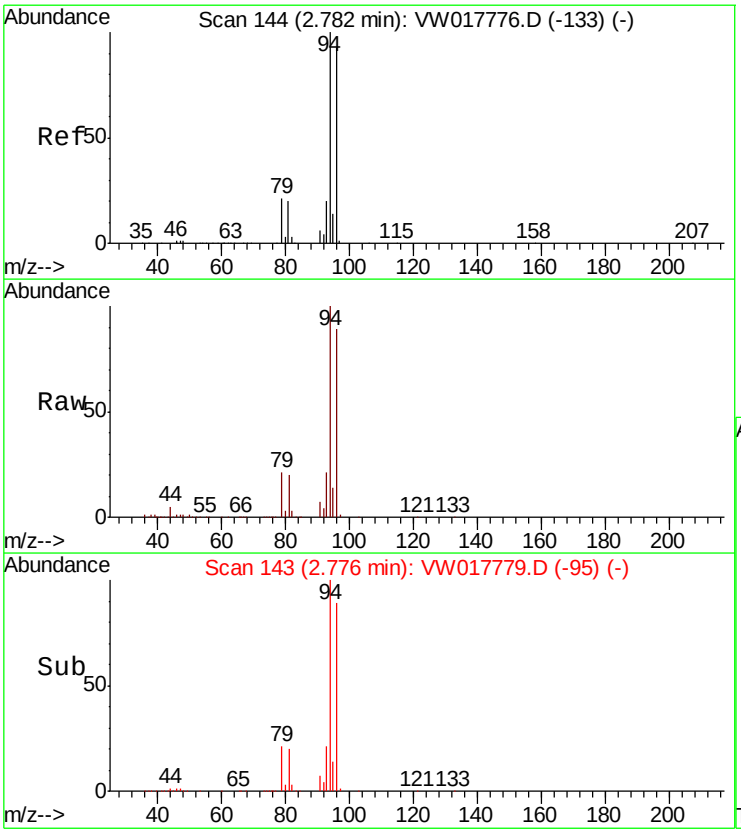

#5
Vinyl chloride
Concen: 26.394 ug/L
RT: 2.37 min Scan# 76
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :**
MSVOA_W
**ClientSampleId :**

Tgt Ion: 62 Resp: 137983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 33.3 | 24.2 | 45.0 |

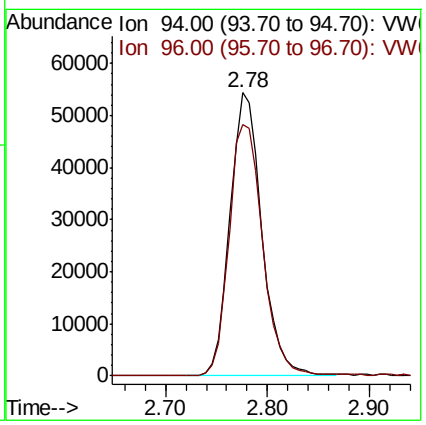


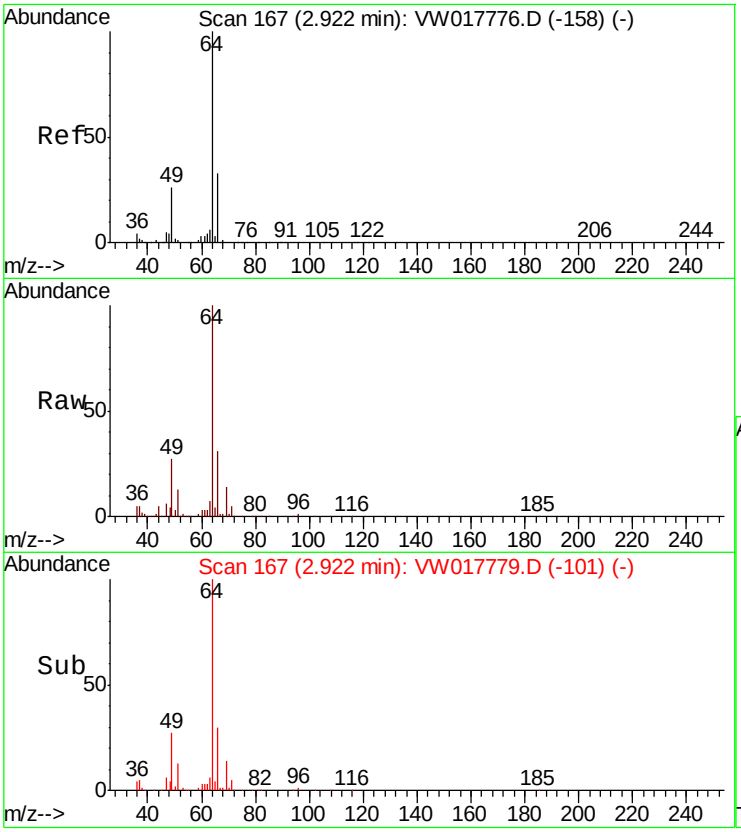




#6
Bromomethane
Concen: 25.271 ug/L
RT: 2.78 min Scan# 143
Delta R.T. -0.01 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion: 94 Resp: 116906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 88.7 | 65.3 | 121.3 |



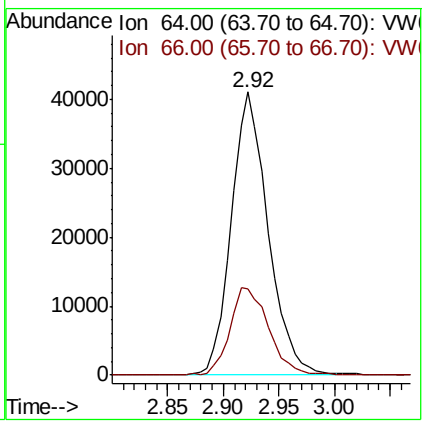


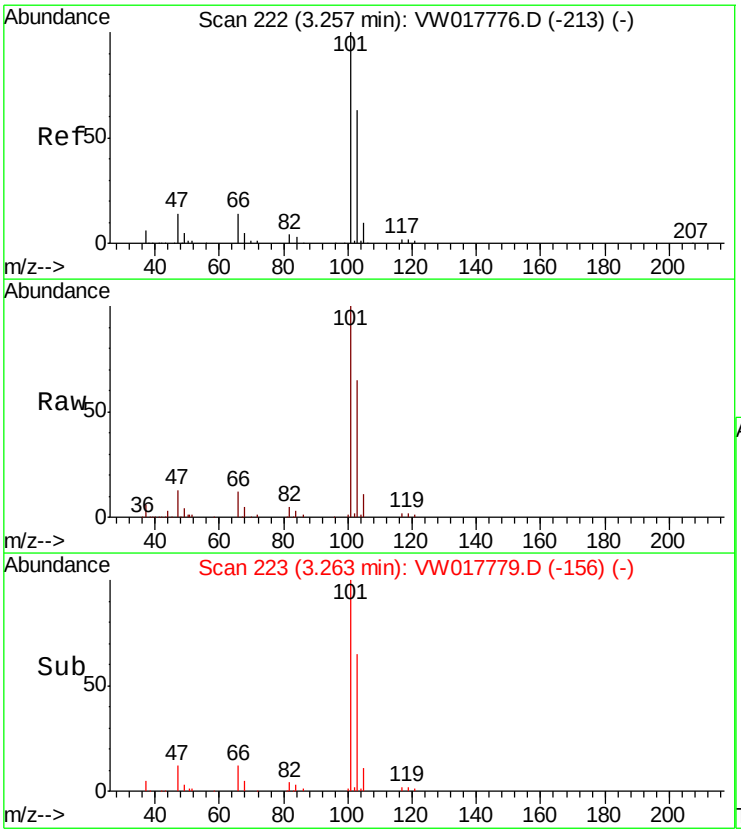

#8
Chloroethane
Concen: 27.218 ug/L
RT: 2.92 min Scan# 167
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :** MSVOA_W
**ClientSampleId :**

Tgt Ion: 64 Resp: 94098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 30.6 | 23.4 | 43.6 |

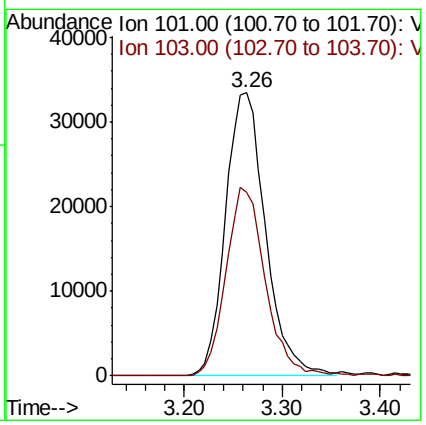


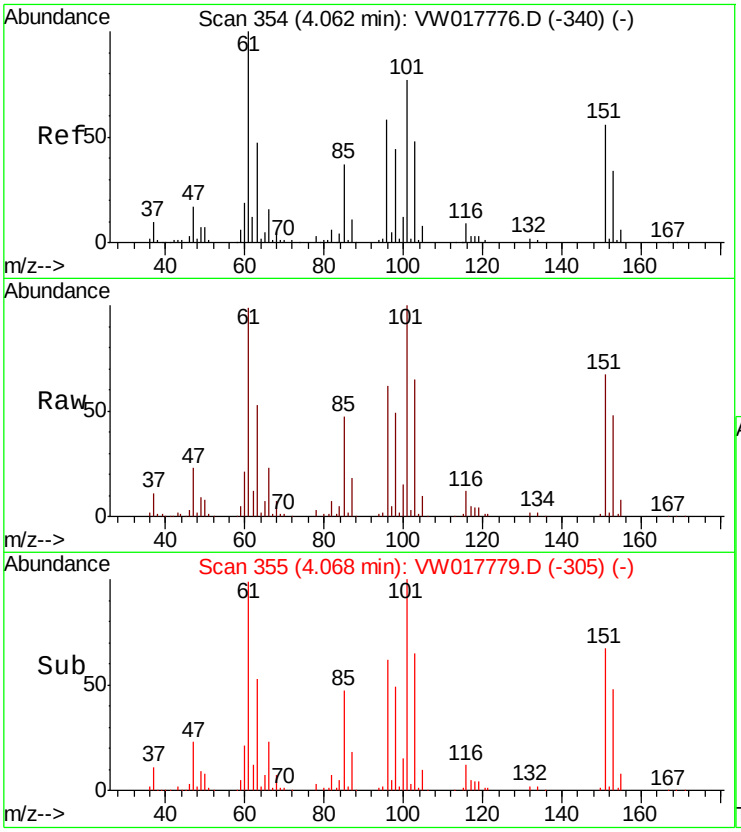




#9
Trichlorofluoromethane
Concen: 26.767 ug/L
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion:101 Resp: 95161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.4 | 51.0 | 76.4 |



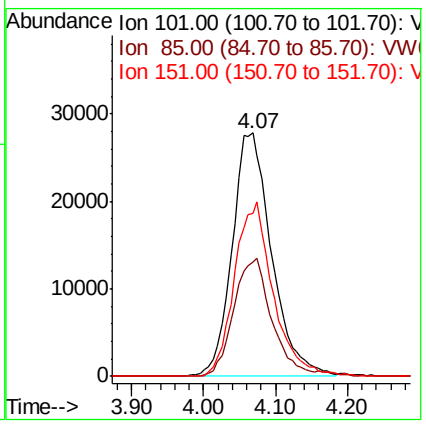


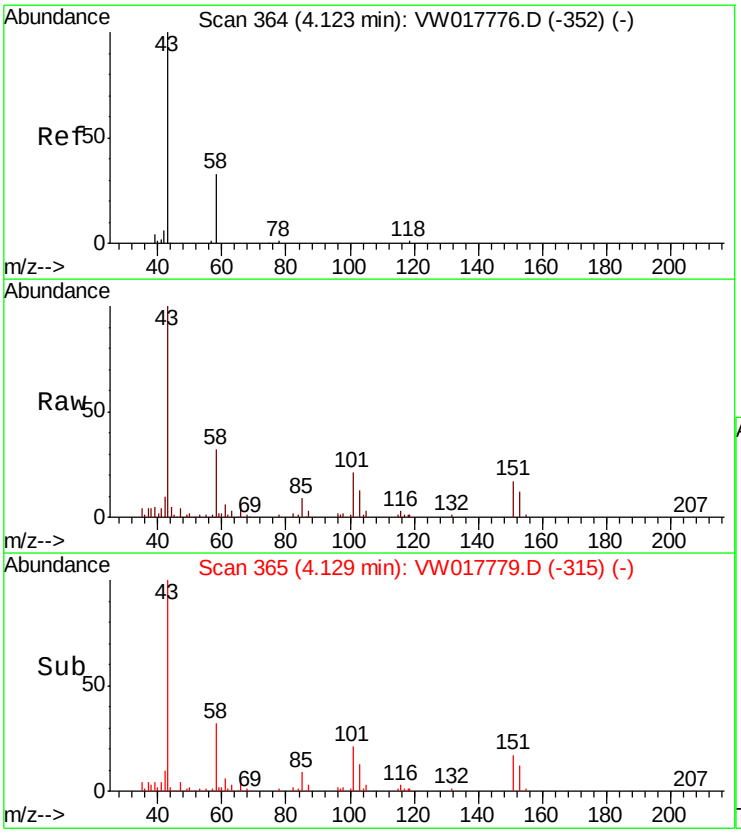

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.004 ug/L
RT: 4.07 min Scan# 355
Delta R.T. 0.01 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :**
MSVOA_W
**ClientSampleId :**

Tgt Ion:101 Resp: 105956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 46.5 | 38.2 | 57.2 |
| 151 | 69.4 | 56.6 | 85.0 |

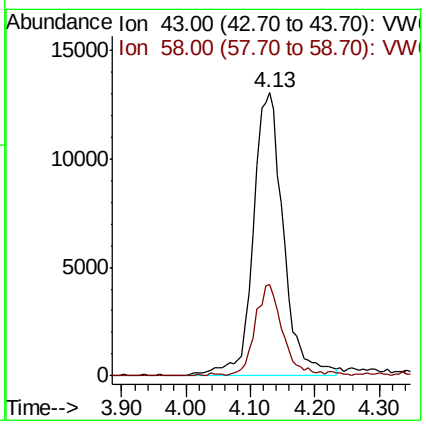


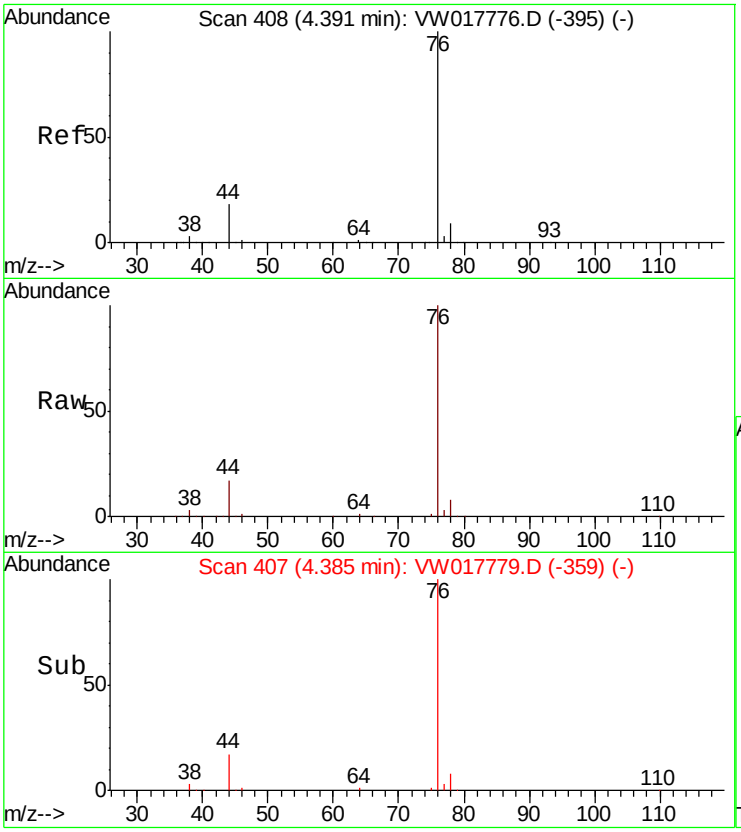




#13
Acetone
Concen: 47.597 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion: 43 Resp: 41959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.1 | 0.0 | 53.8 |



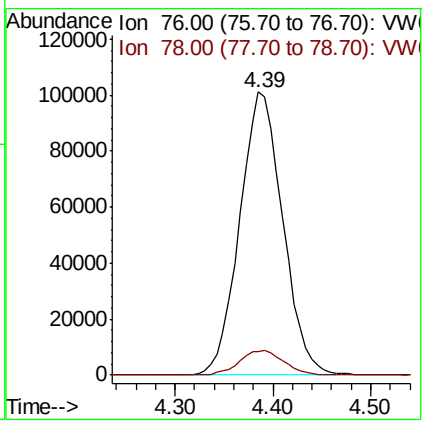


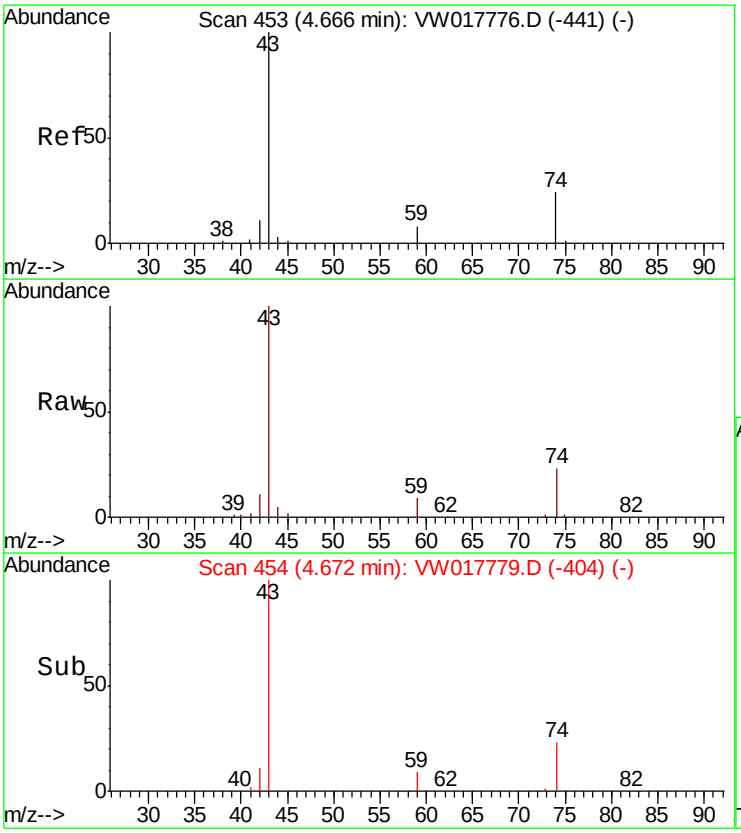

#14
Carbon disulfide
Concen: 27.847 ug/L
RT: 4.39 min Scan# 407
Delta R.T. -0.01 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :**
MSVOA_W
**ClientSampleId :**

Tgt Ion: 76 Resp: 308484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.3 | 7.4 | 11.0 |

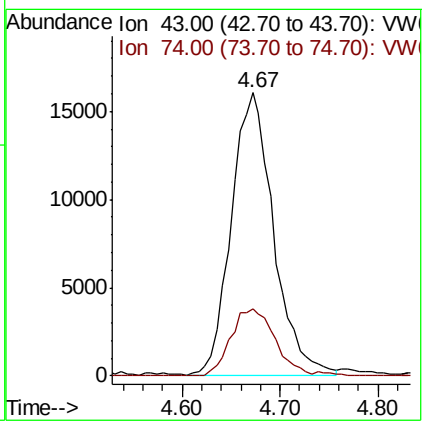


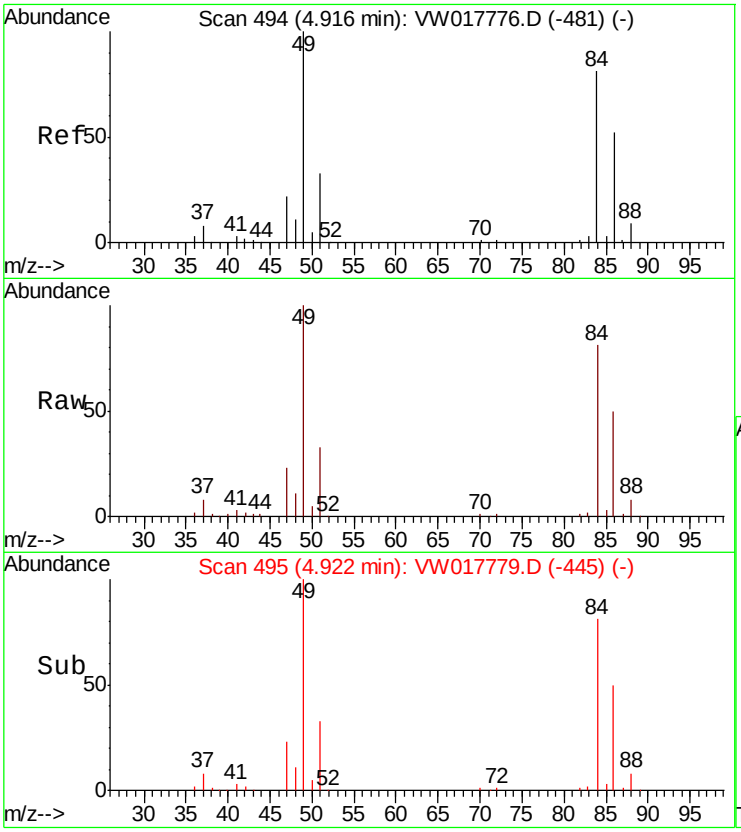




#15
Methyl Acetate
Concen: 25.451 ug/L
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion: 43 Resp: 48466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.5 | 20.0 | 30.0 |



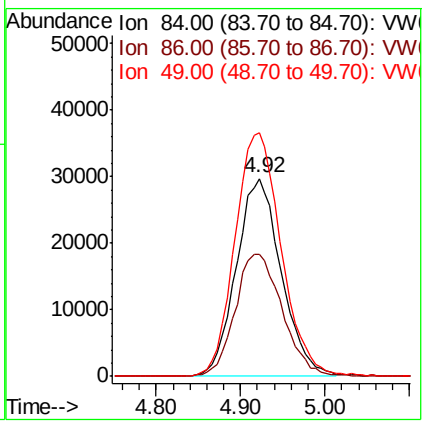


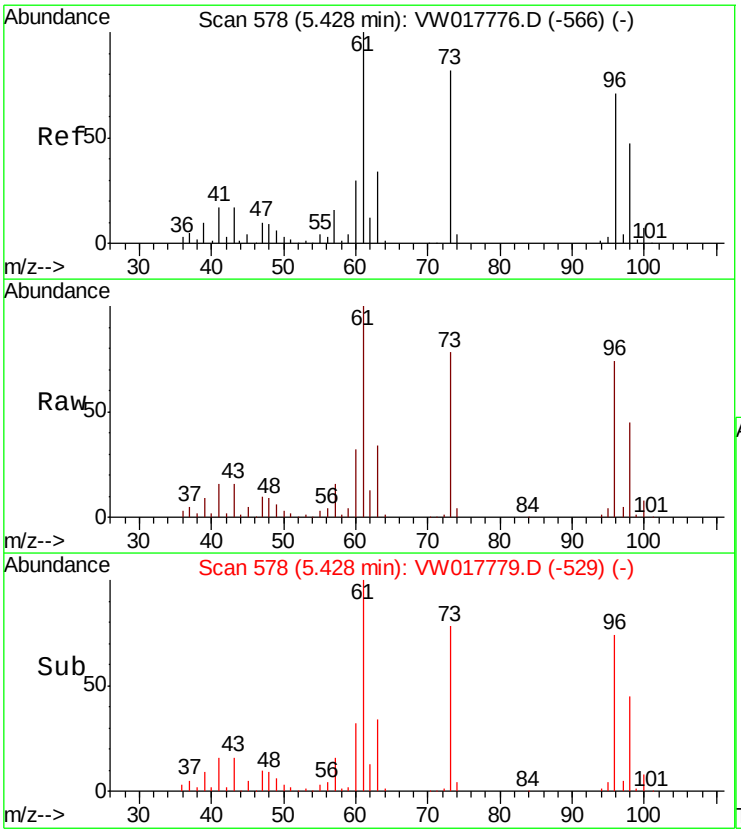

#16
Methylene chloride
Concen: 22.157 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :** MSVOA_W
**ClientSampleId :**

Tgt Ion: 84 Resp: 108045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 61.9 | 45.3 | 84.1 |
| 49 | 123.2 | 86.6 | 160.8 |

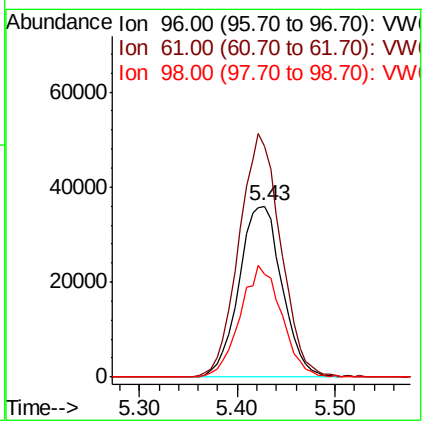


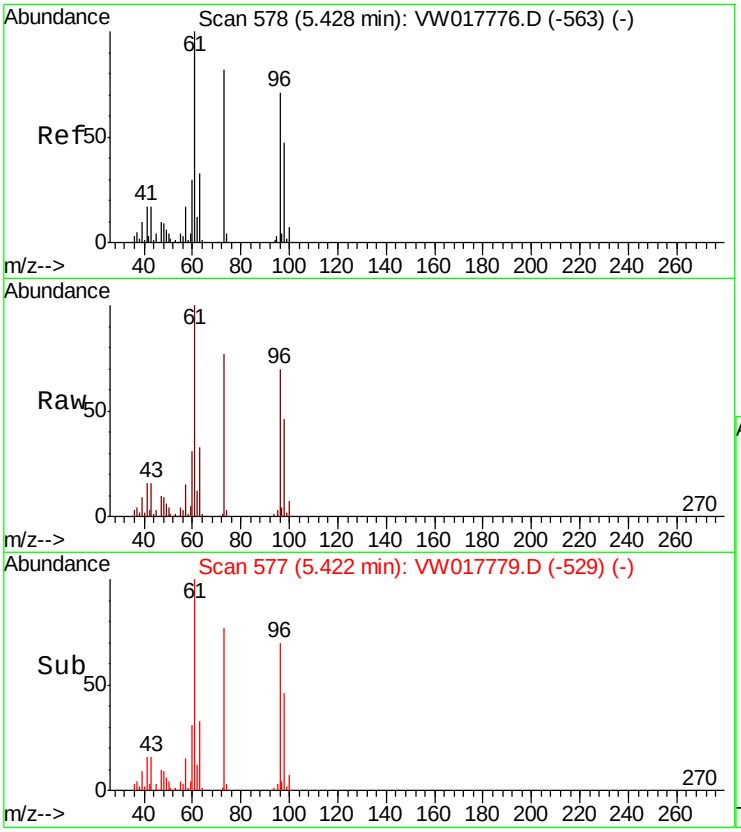




#17
trans-1,2-Dichloroethene
Concen: 26.601 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion: 96 Resp: 110152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 135.3 | 98.3 | 182.7 |
| 98 | 60.5 | 46.1 | 85.7 |



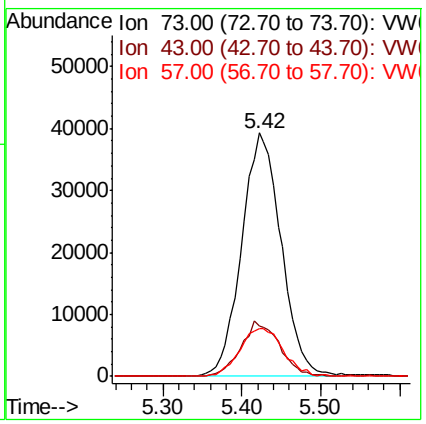


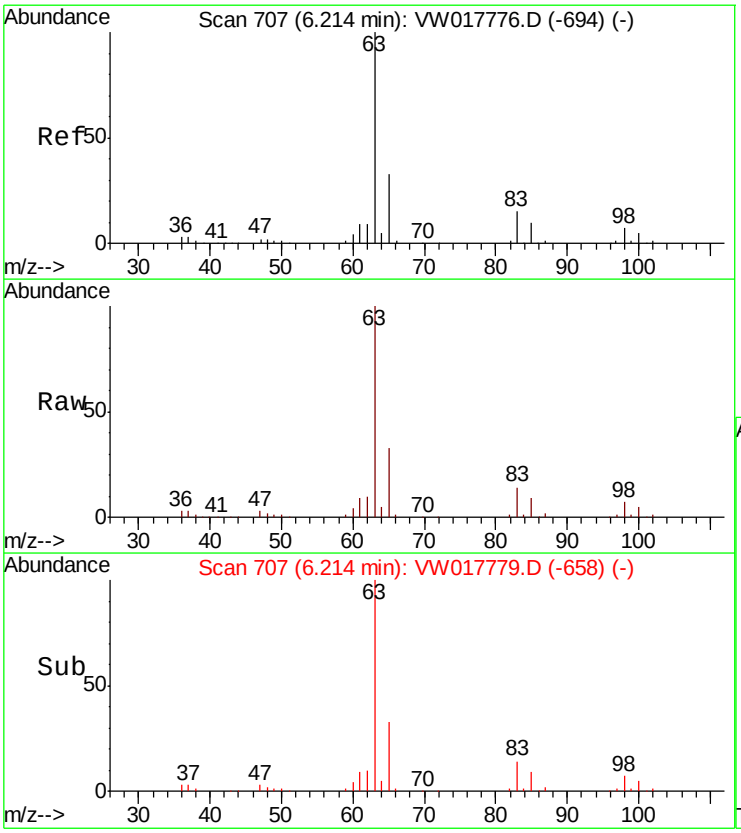

#18
Methyl tert-butyl Ether
Concen: 25.954 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :** MSVOA_W
**ClientSampleId :**

Tgt Ion: 73 Resp: 136913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 21.6 | 17.7 | 26.5 |
| 57 | 21.4 | 17.0 | 25.4 |

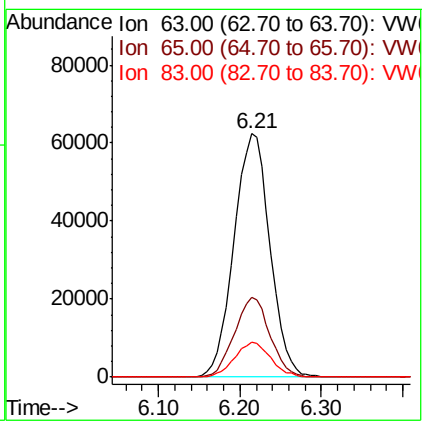


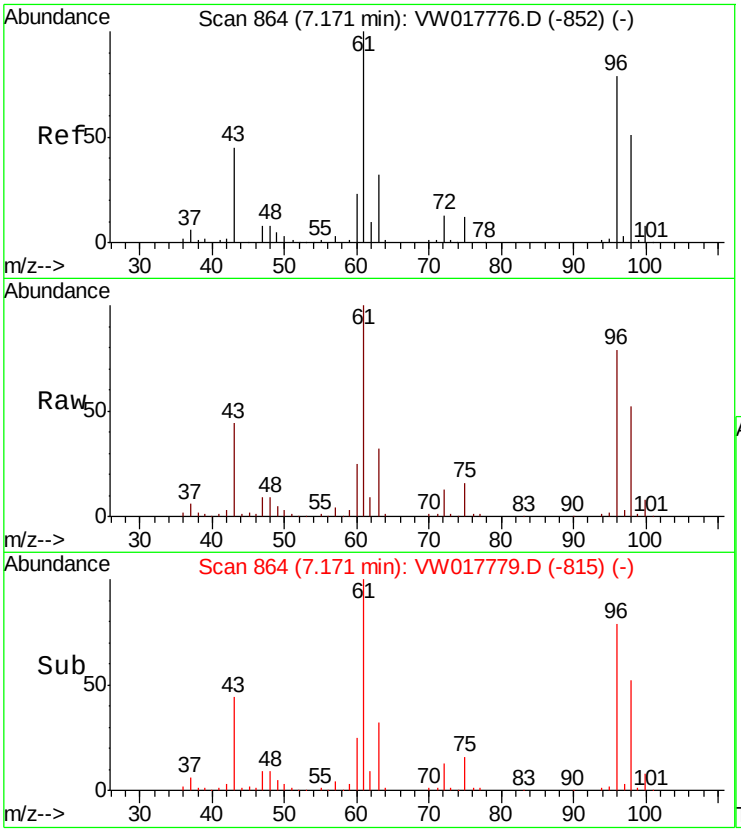




#19
1,1-Dichloroethane
Concen: 26.036 ug/L
RT: 6.21 min Scan# 707
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion: 63 Resp: 190999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.8 | 22.9 | 42.5 |
| 83 | 14.5 | 10.2 | 19.0 |



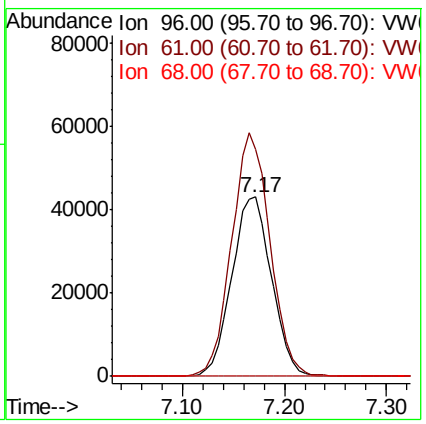


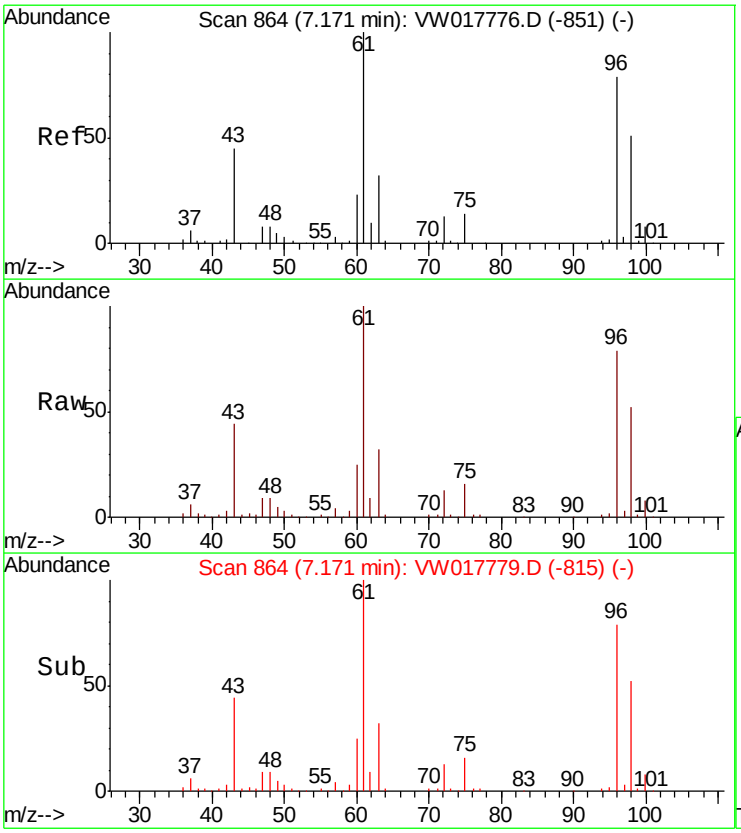

#20
cis-1,2-Dichloroethene
Concen: 26.211 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :**
MSVOA_W
**ClientSampleId :**

Tgt Ion: 96 Resp: 116135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 126.6 | 88.5 | 164.3 |
| 68 | 0.0 | 0.0 | 0.0 |

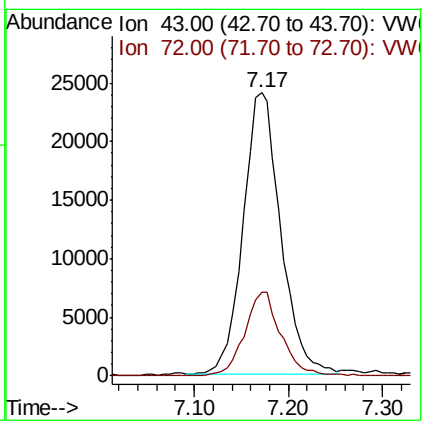


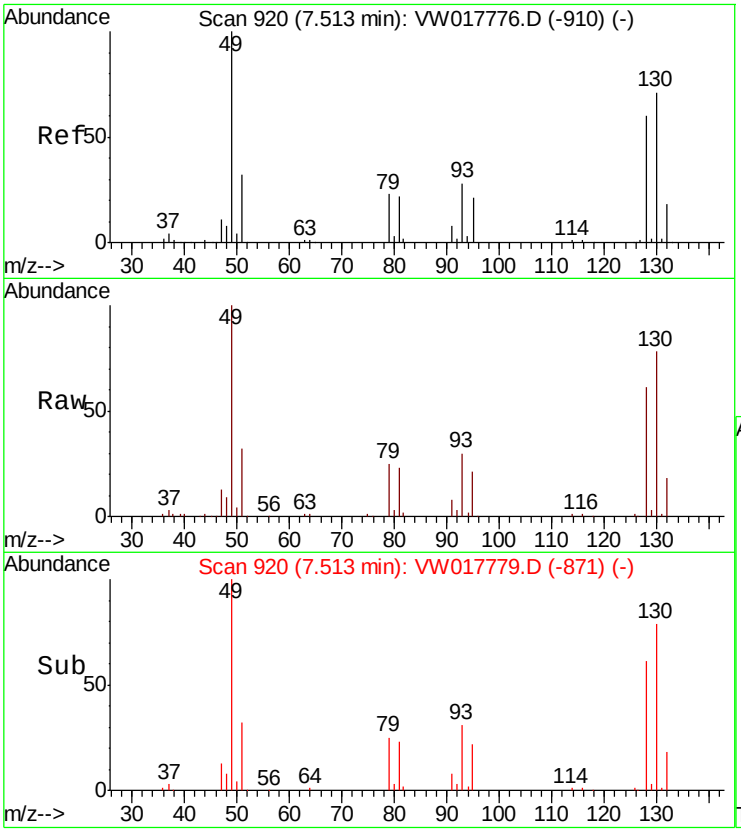




#22
2-Butanone
Concen: 45.800 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion: 43 Resp: 67089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 28.6 | 14.9 | 44.7 |



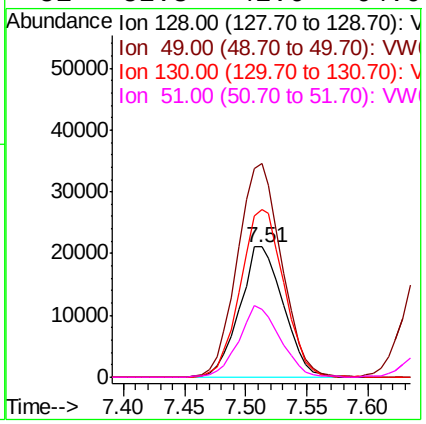


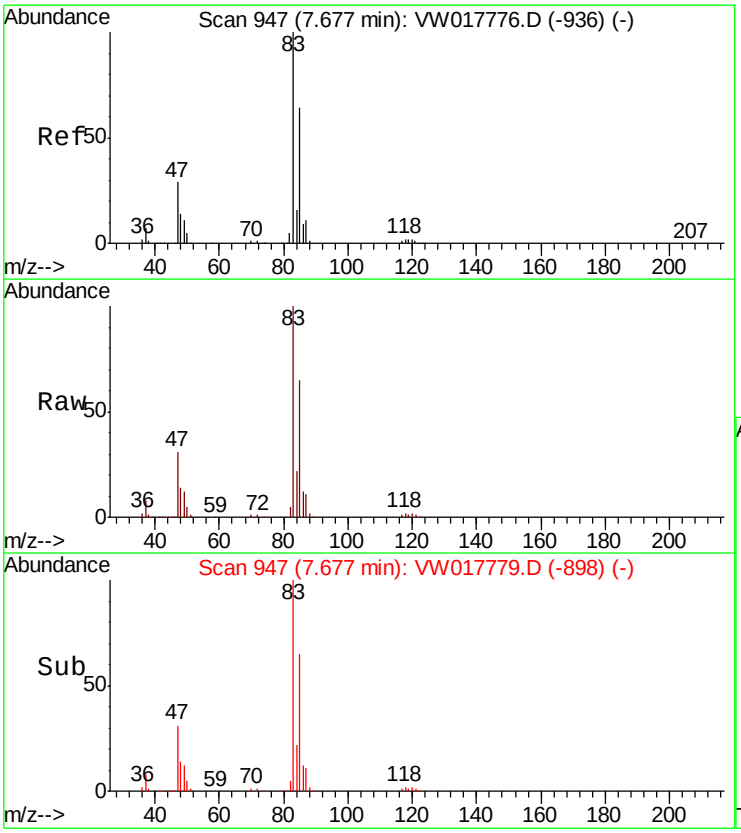

#23
Bromochloromethane
Concen: 25.815 ug/L
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :**
MSVOA_W
**ClientSampleId :**

Tgt Ion:128 Resp: 52344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 163.7 | 116.3 | 215.9 |
| 130 | 128.3 | 82.4 | 153.0 |
| 51 | 52.3 | 42.6 | 64.0 |

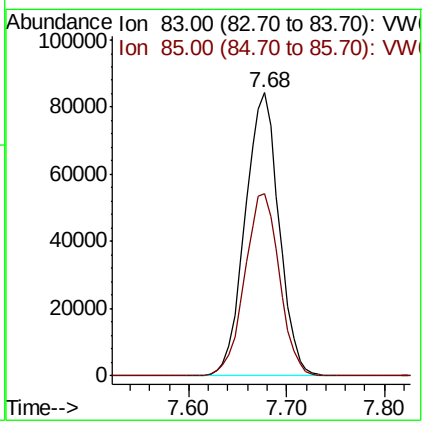


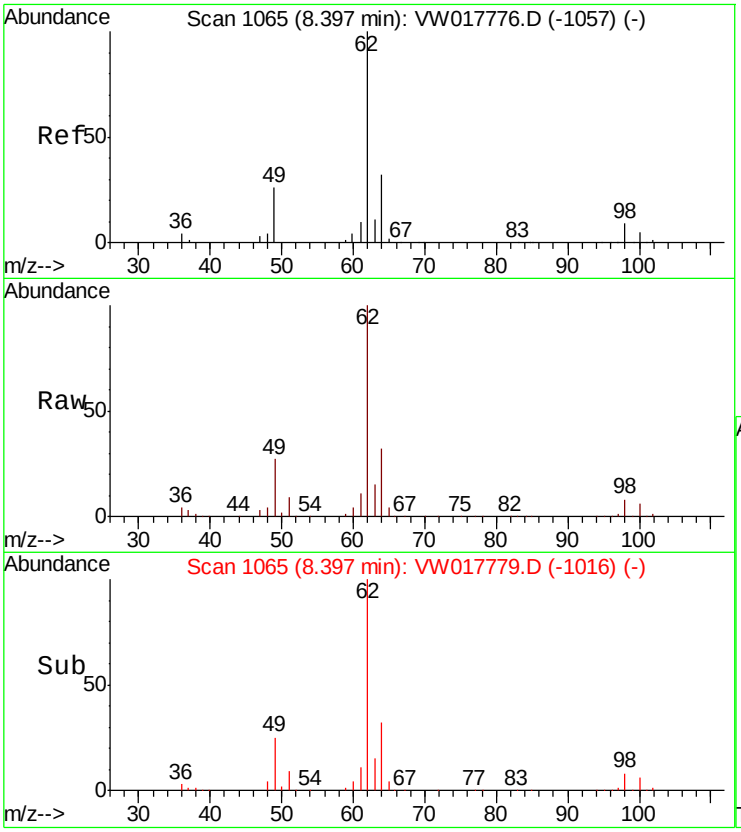




#25
Chloroform
Concen: 26.149 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion: 83 Resp: 203479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.5 | 44.6 | 82.8 |



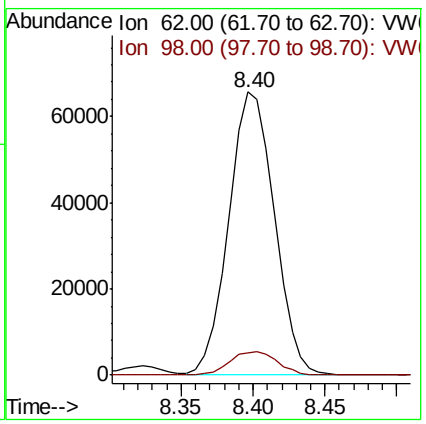


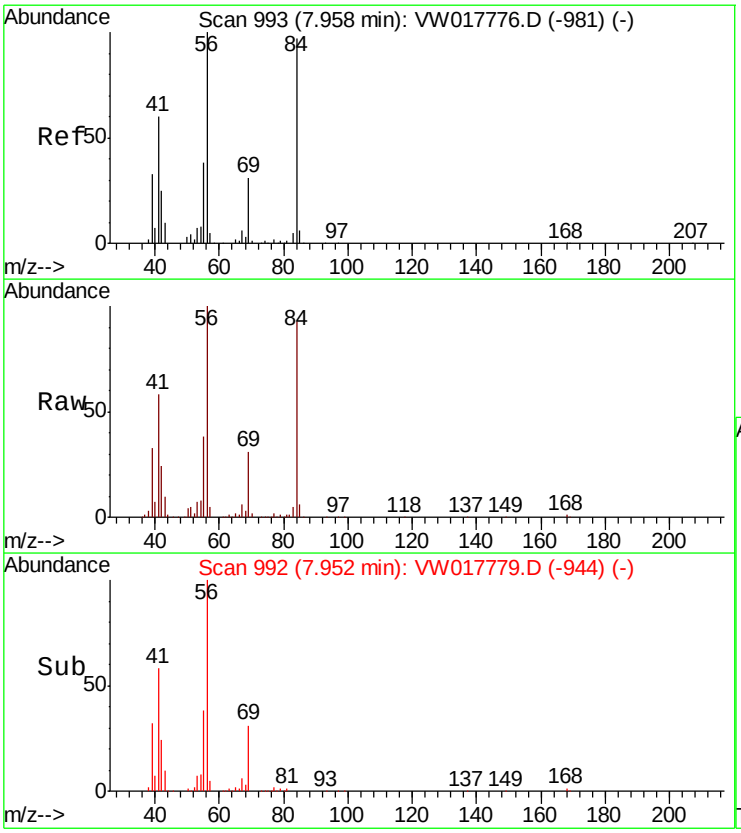

#27
1,2-Dichloroethane
Concen: 25.891 ug/L
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :** MSVOA_W
**ClientSampleId :**

Tgt Ion: 62 Resp: 143871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 7.8 | 6.9 | 10.3 |

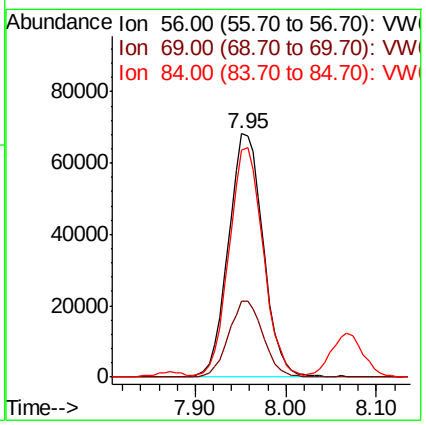


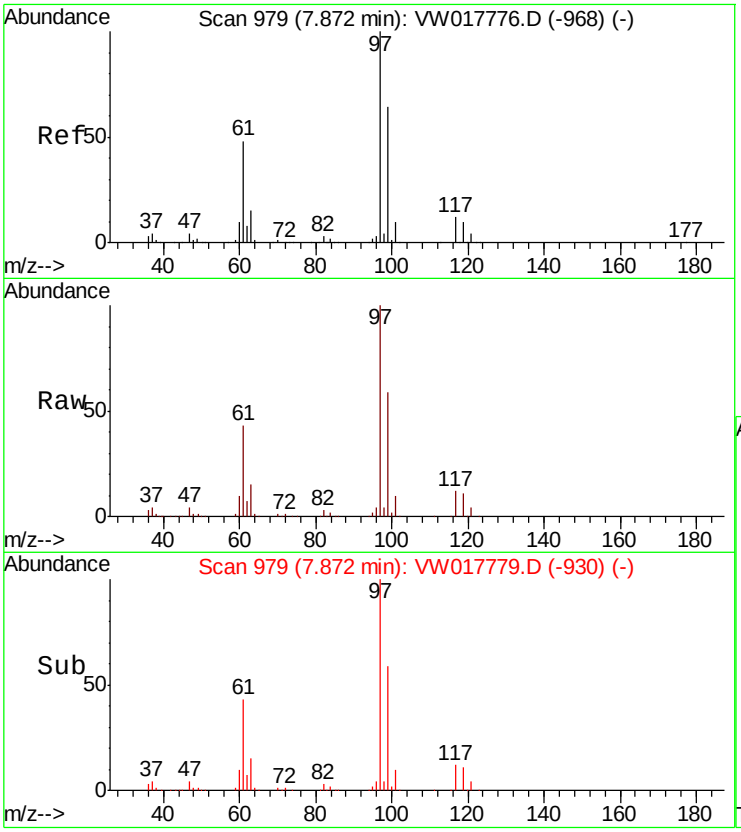




#29
Cyclohexane
Concen: 27.256 ug/L
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion: 56 Resp: 181584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.0 | 24.5 | 36.7 |
| 84 | 92.6 | 75.0 | 112.4 |



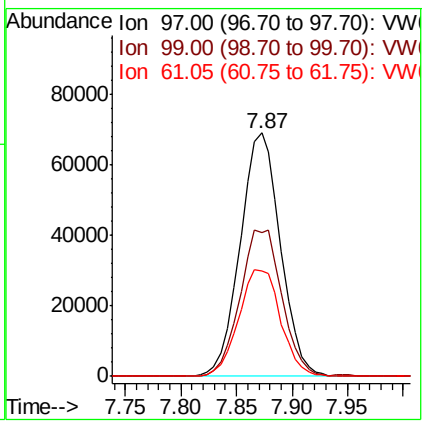


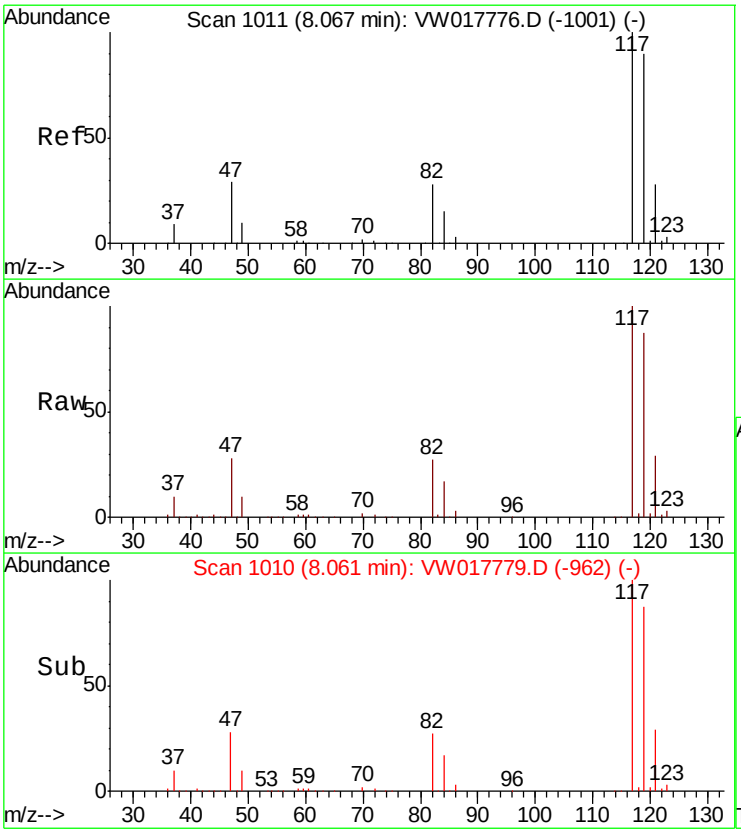

#30
1,1,1-Trichloroethane
Concen: 26.621 ug/L
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :**
MSVOA_W
**ClientSampleId :**

Tgt Ion: 97 Resp: 173764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 62.8 | 51.4 | 77.2 |
| 61 | 45.9 | 37.8 | 56.6 |

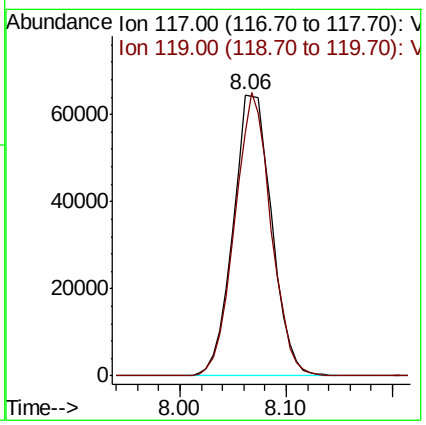


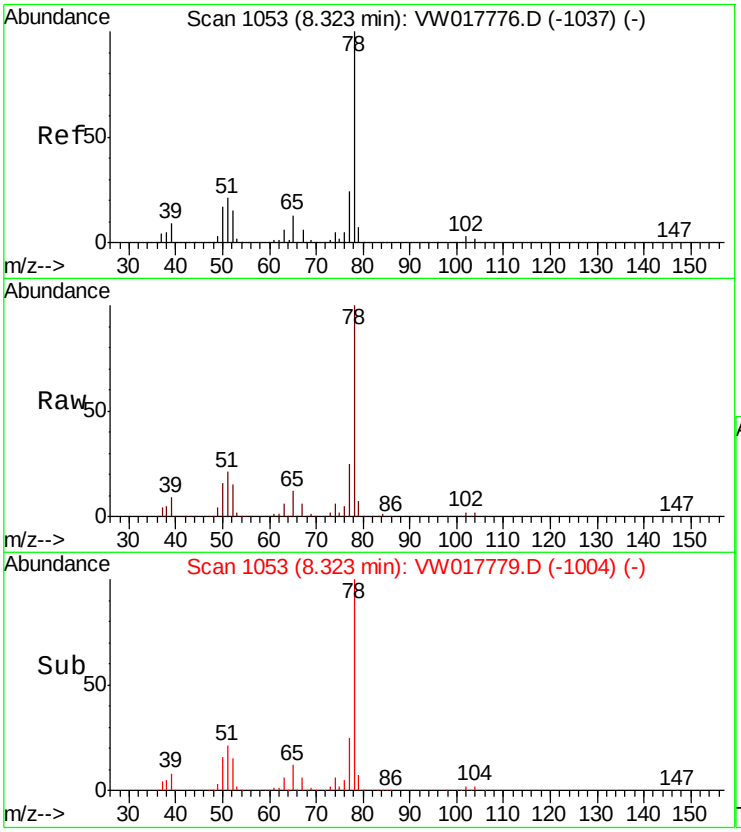




#31
Carbon tetrachloride
Concen: 26.850 ug/L
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion:117 Resp: 164616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.4 | 76.5 | 114.7 |

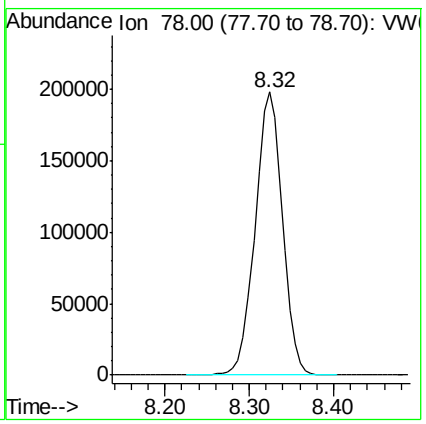


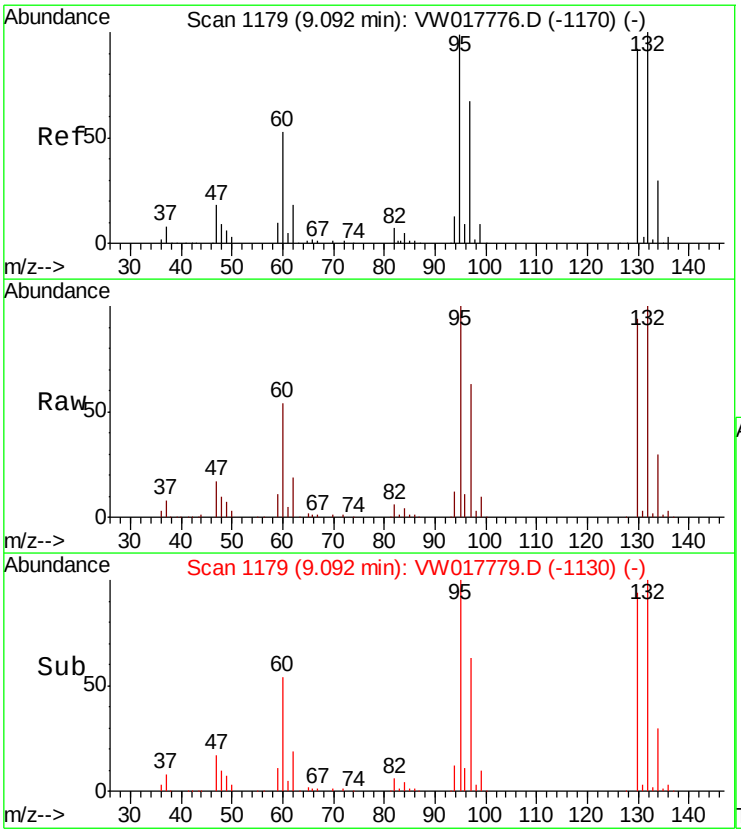



#33
Benzene
Concen: 26.576 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :**
MSVOA_W
**ClientSampleId :**

Tgt Ion: 78 Resp: 440549

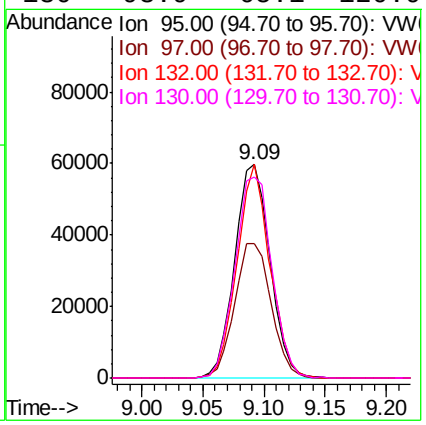


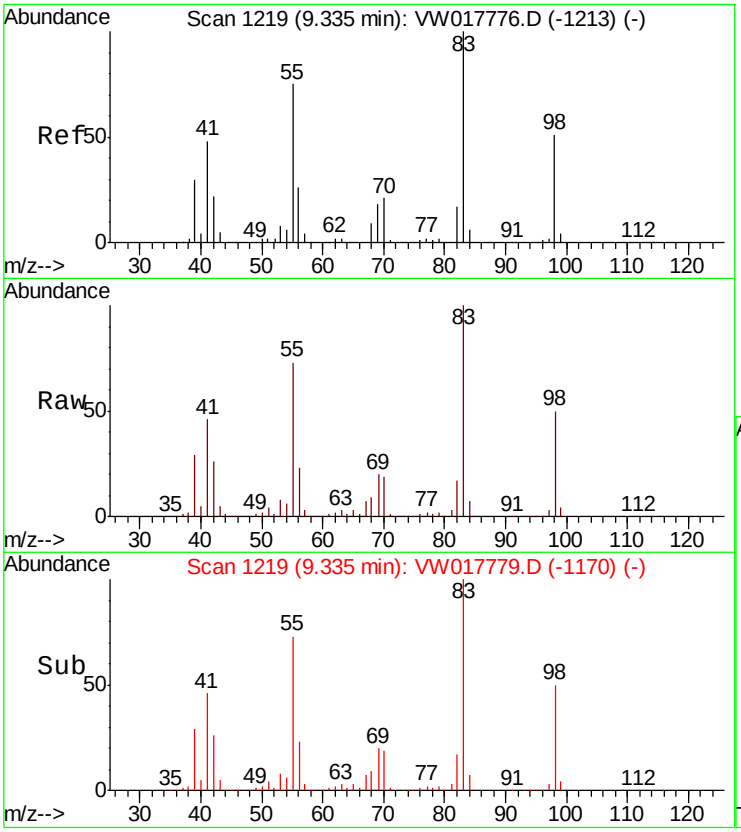




#34
Trichloroethene
Concen: 26.410 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion: 95 Resp: 119564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 63.1 | 47.3 | 87.8 |
| 132 | 100.0 | 71.0 | 131.8 |
| 130 | 93.9 | 65.1 | 120.9 |



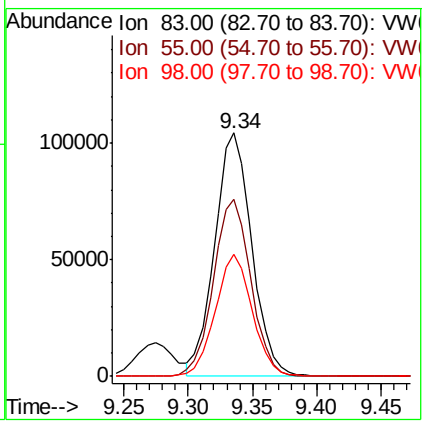


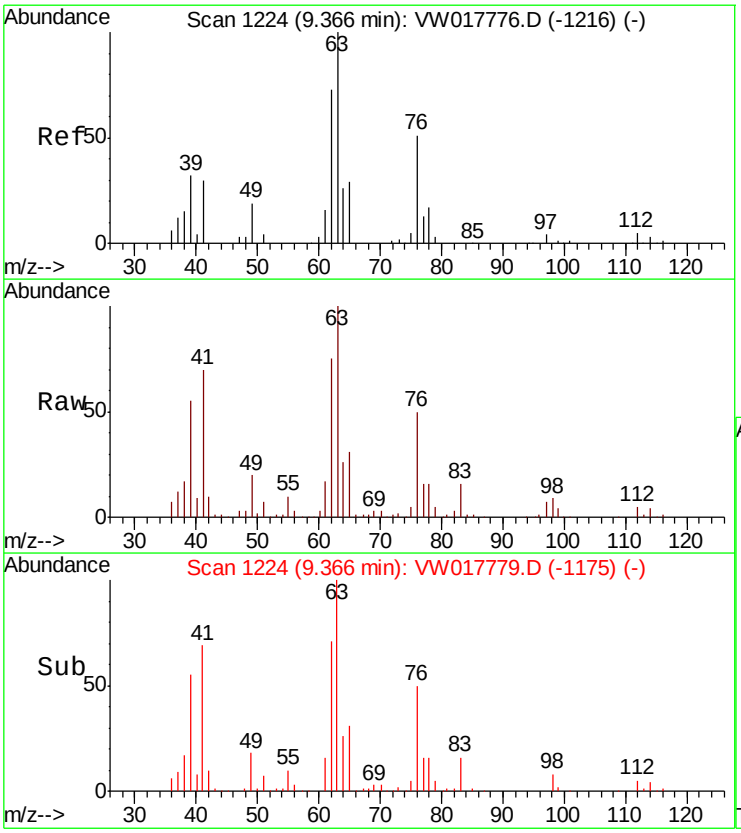

#35
Methylcyclohexane
Concen: 27.178 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :**
MSVOA_W
**ClientSampleId :**

Tgt Ion: 83 Resp: 210685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 73.5 | 58.9 | 88.3 |
| 98 | 50.0 | 40.1 | 60.1 |

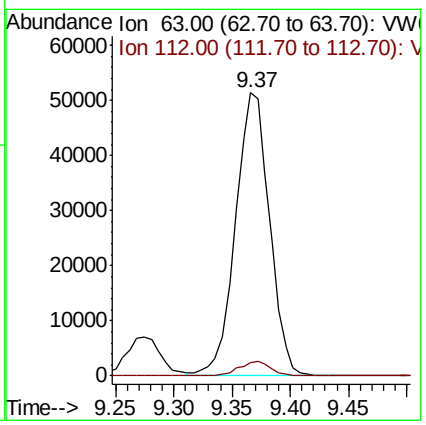


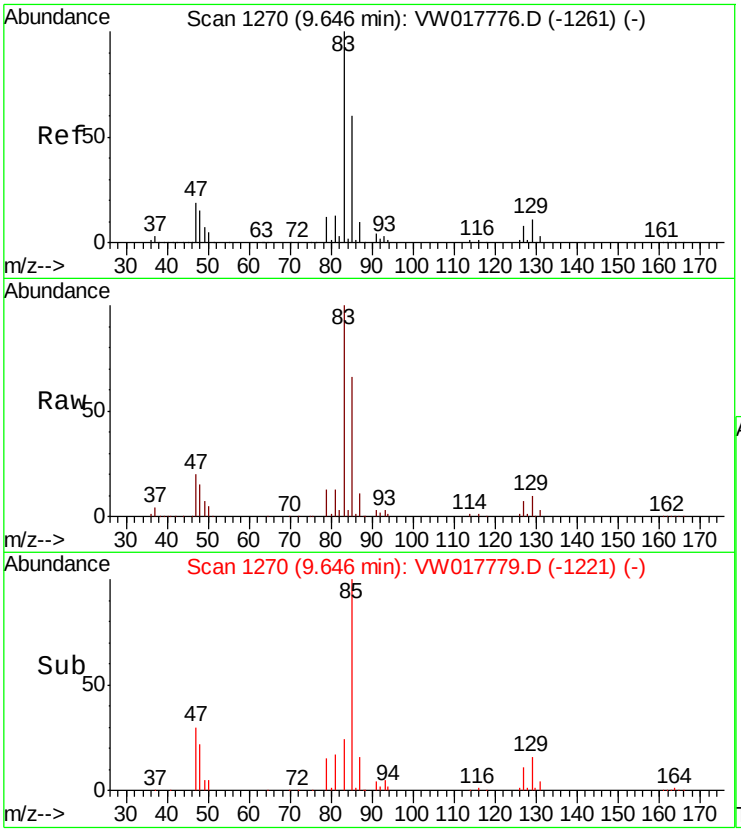




#37
1,2-Dichloropropane
Concen: 26.137 ug/L
RT: 9.37 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion: 63 Resp: 104874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 4.8 | 3.9 | 5.9 |



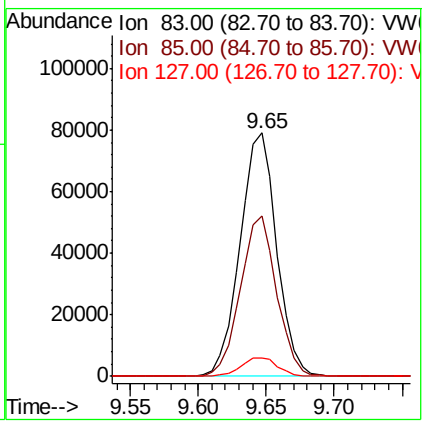


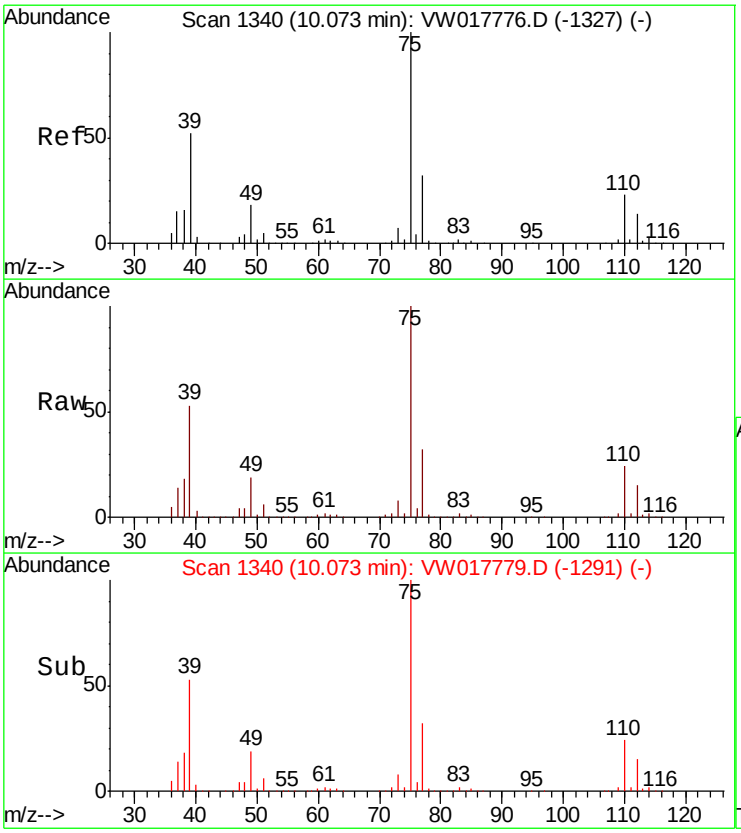

#38
Bromodichloromethane
Concen: 26.321 ug/L
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :** MSVOA_W
**ClientSampleId :**

Tgt Ion: 83 Resp: 149166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.1 | 42.3 | 78.5 |
| 127 | 7.3 | 6.6 | 9.8 |

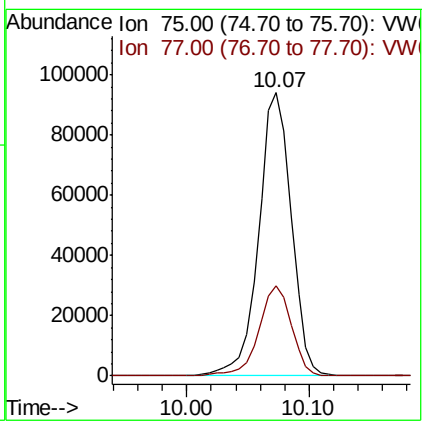


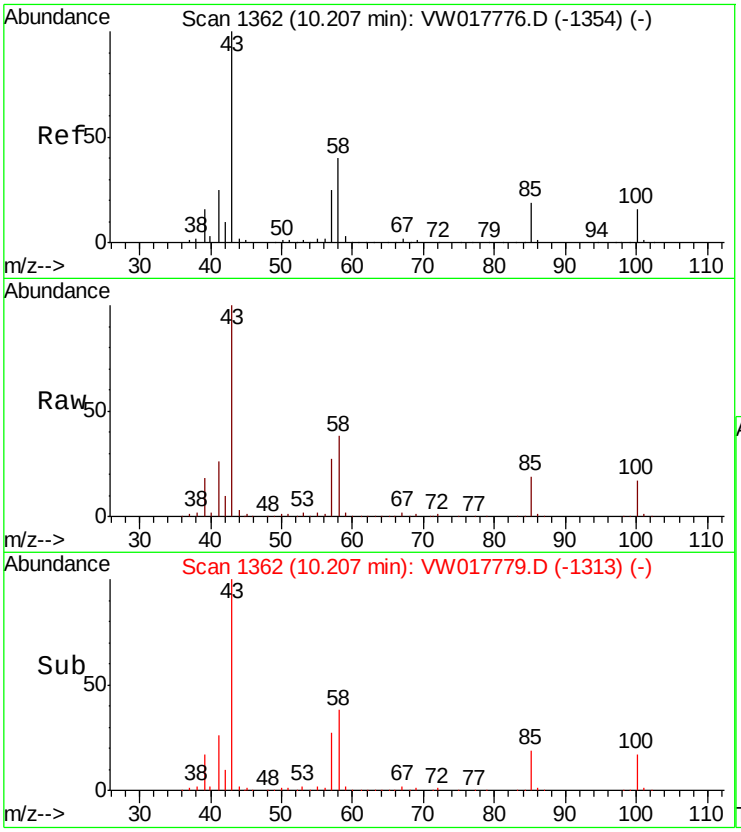




#39
cis-1,3-Dichloropropene
Concen: 27.257 ug/L
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion: 75 Resp: 174606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.9 | 22.6 | 42.0 |



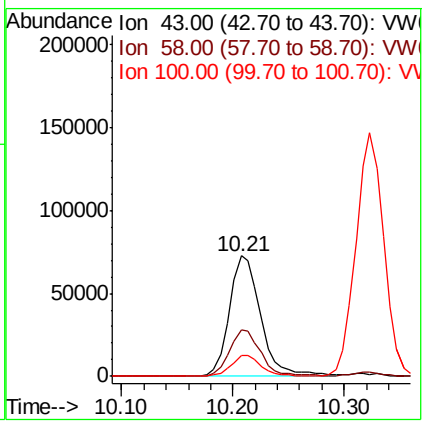


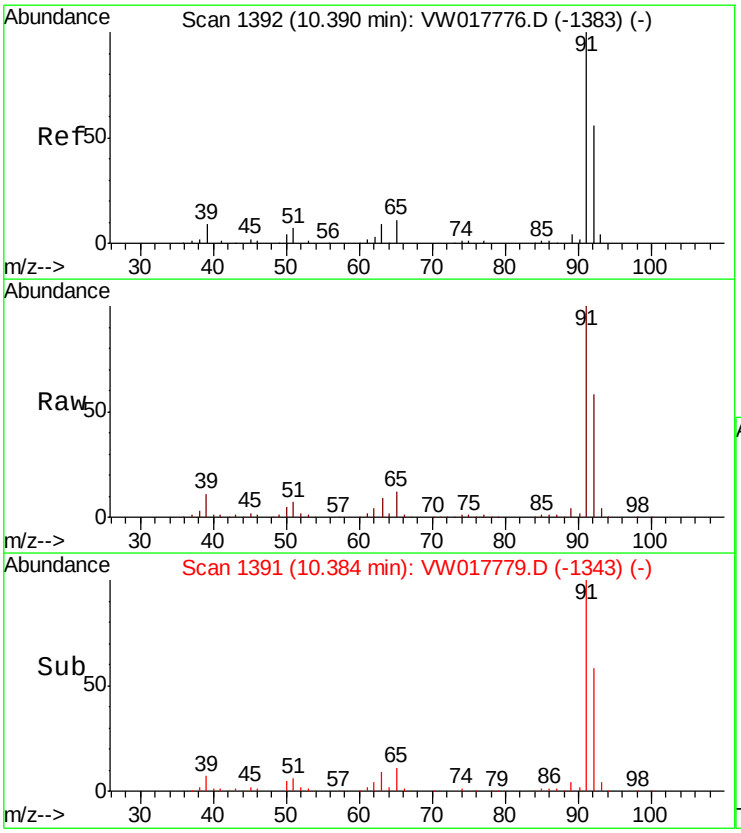

#40
4-Methyl-2-pentanone
Concen: 49.987 ug/L
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :**
MSVOA_W
**ClientSampleId :**

Tgt Ion: 43 Resp: 142362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.8 | 31.0 | 46.4 |
| 100 | 16.7 | 13.0 | 19.6 |

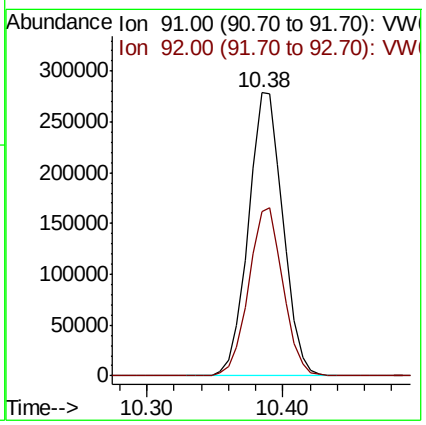


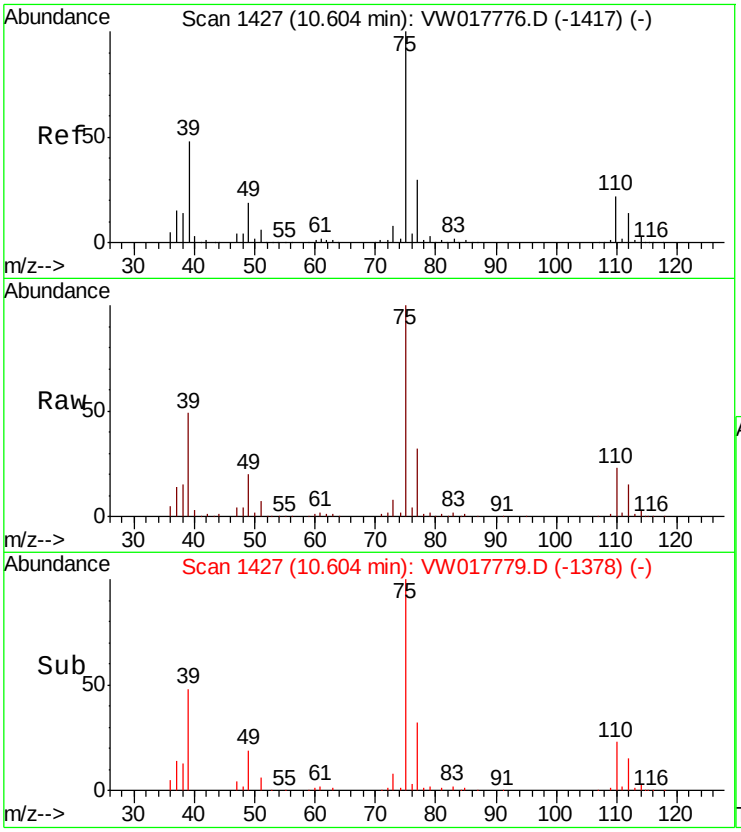




#42
Toluene
Concen: 26.484 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion: 91 Resp: 497254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 57.9 | 39.5 | 73.3 |



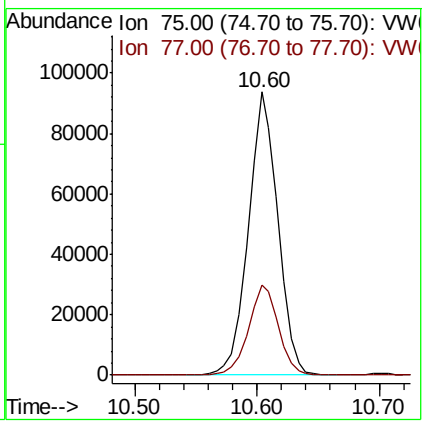


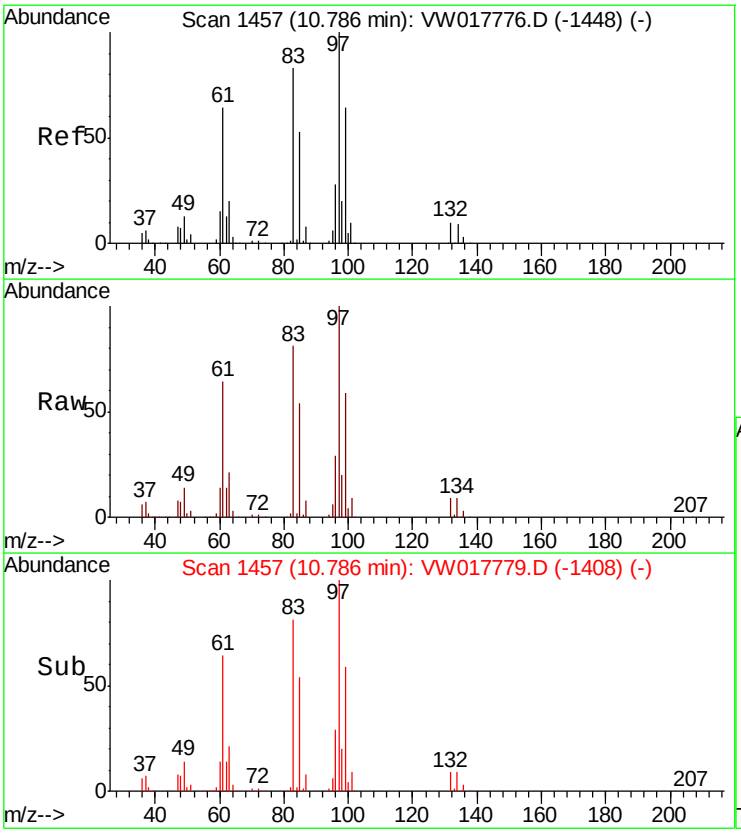

#44
trans-1,3-Dichloropropene
Concen: 26.867 ug/L
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :** MSVOA_W
**ClientSampleId :**

Tgt Ion: 75 Resp: 156943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.0 | 21.1 | 39.1 |

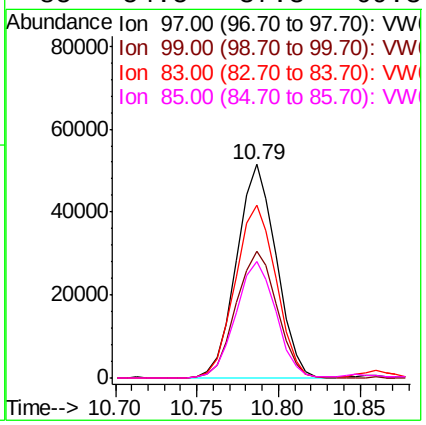


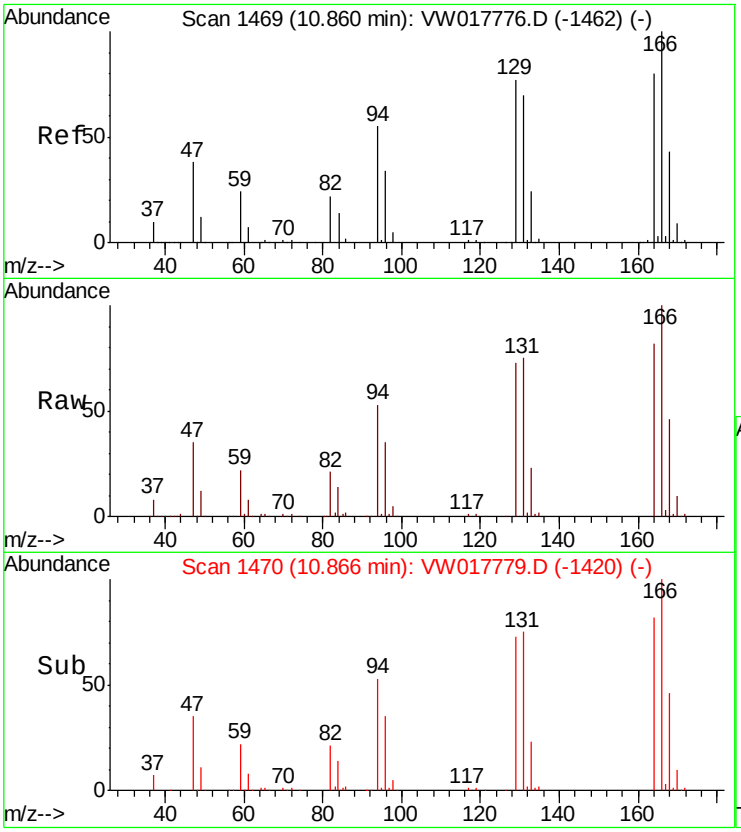




#45
1,1,2-Trichloroethane
Concen: 25.927 ug/L
RT: 10.79 min Scan# 1457
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion: 97 Resp: 87316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 59.2 | 45.1 | 83.7 |
| 83 | 80.8 | 58.1 | 107.9 |
| 85 | 54.5 | 37.3 | 69.3 |



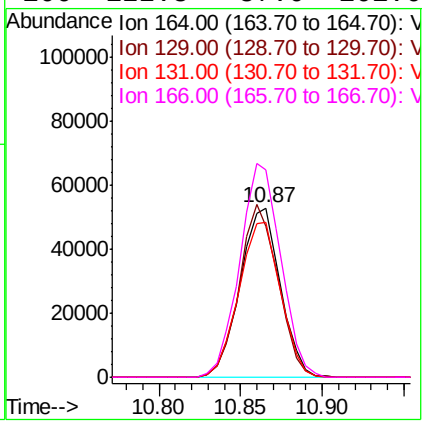


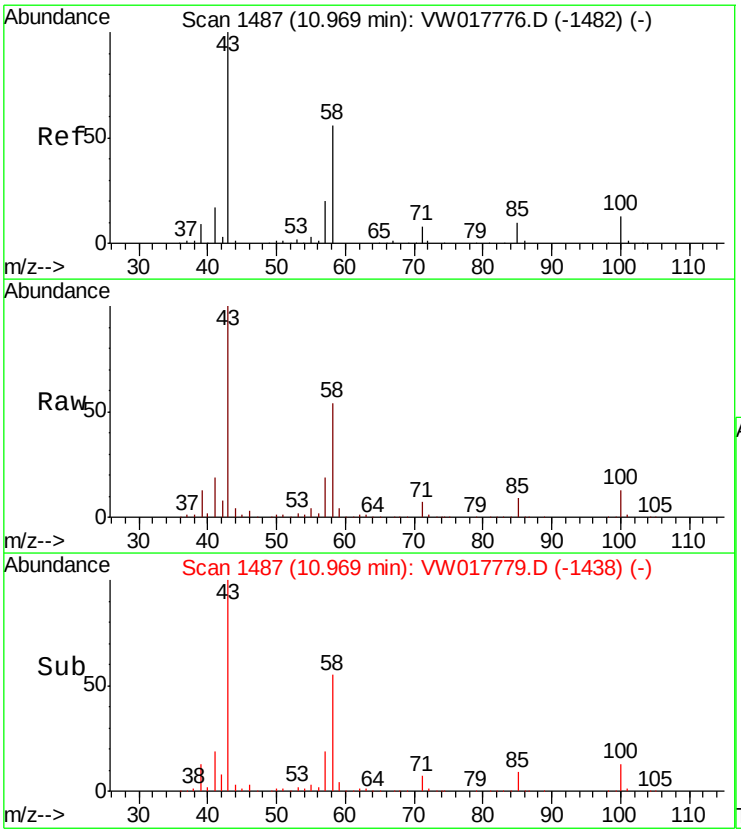

#46
Tetrachloroethene
Concen: 26.367 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :** MSVOA_W
**ClientSampleId :**

Tgt Ion:164 Resp: 91475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 89.1 | 66.7 | 123.9 |
| 131 | 91.4 | 61.1 | 113.5 |
| 166 | 122.3 | 87.0 | 161.6 |

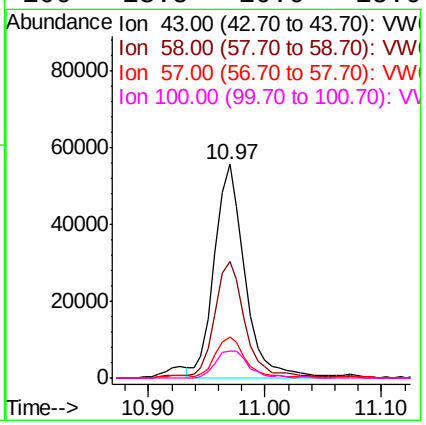


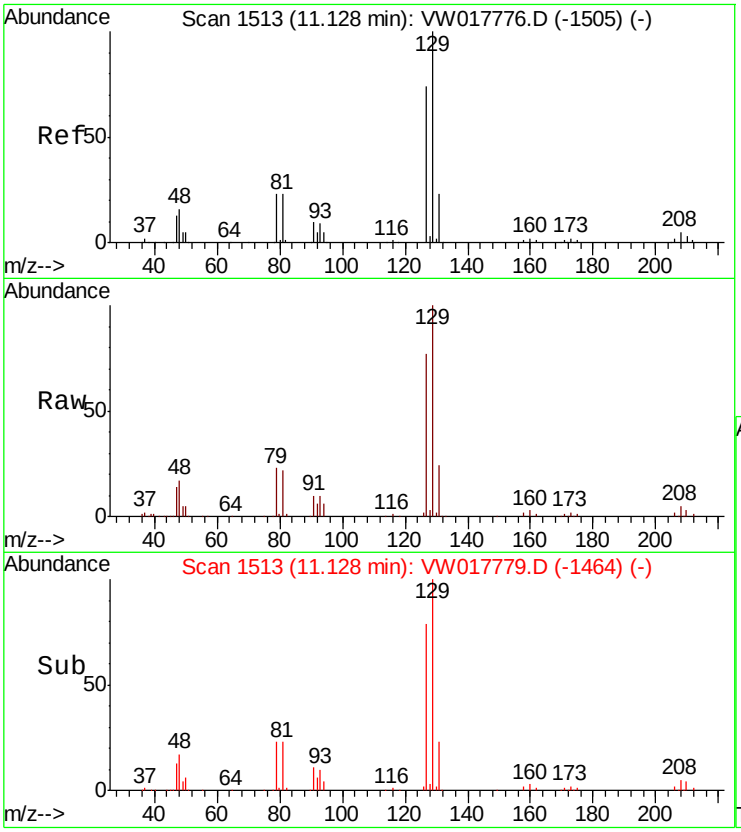




#48
2-Hexanone
Concen: 50.337 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion: 43 Resp: 100433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 50.0 | 42.7 | 64.1 |
| 57 | 19.2 | 15.8 | 23.8 |
| 100 | 13.5 | 10.0 | 15.0 |



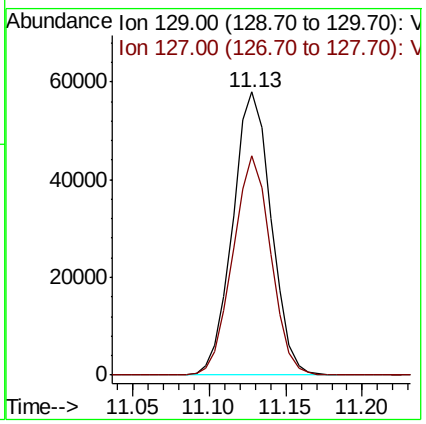


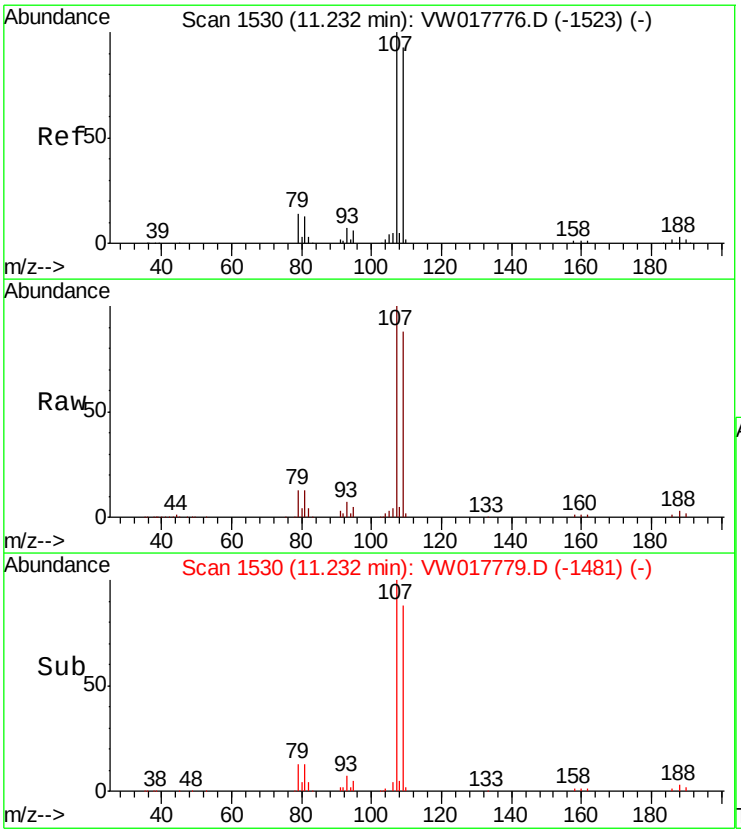

#49
Dibromochloromethane
Concen: 26.155 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :**
MSVOA_W
**ClientSampleId :**

Tgt Ion:129 Resp: 101083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.3 | 51.7 | 95.9 |

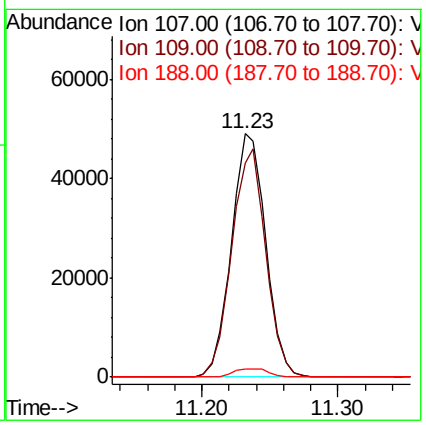


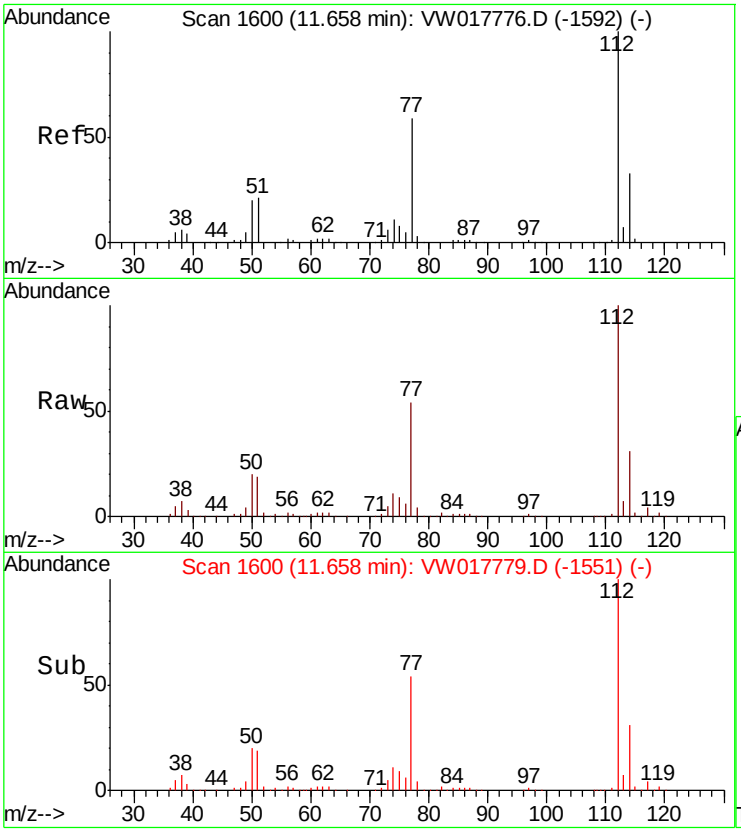




#50
1,2-Dibromoethane
Concen: 25.899 ug/L
RT: 11.23 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion:107 Resp: 86181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 87.9 | 65.4 | 121.4 |
| 188 | 3.5 | 2.6 | 4.0 |



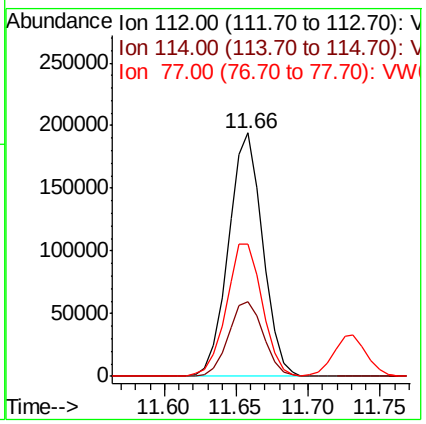


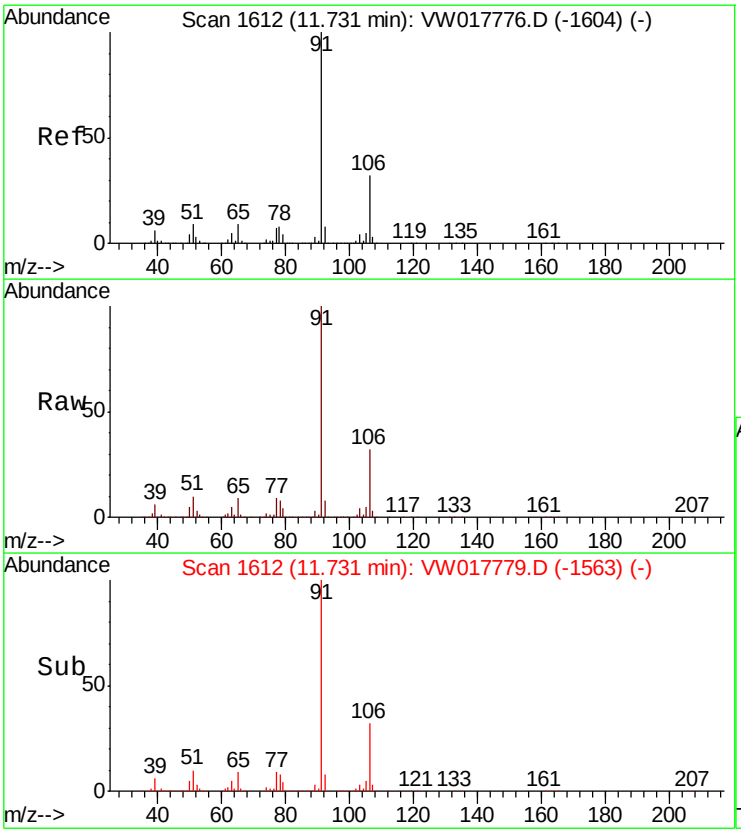

#51
Chlorobenzene
Concen: 26.948 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :**
MSVOA_W
**ClientSampleId :**

Tgt Ion:112 Resp: 321039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 30.7 | 23.4 | 43.6 |
| 77 | 54.4 | 47.6 | 71.4 |

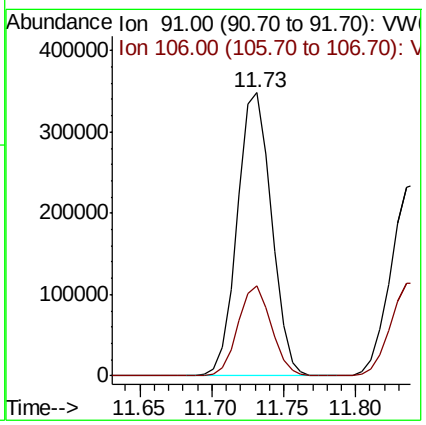


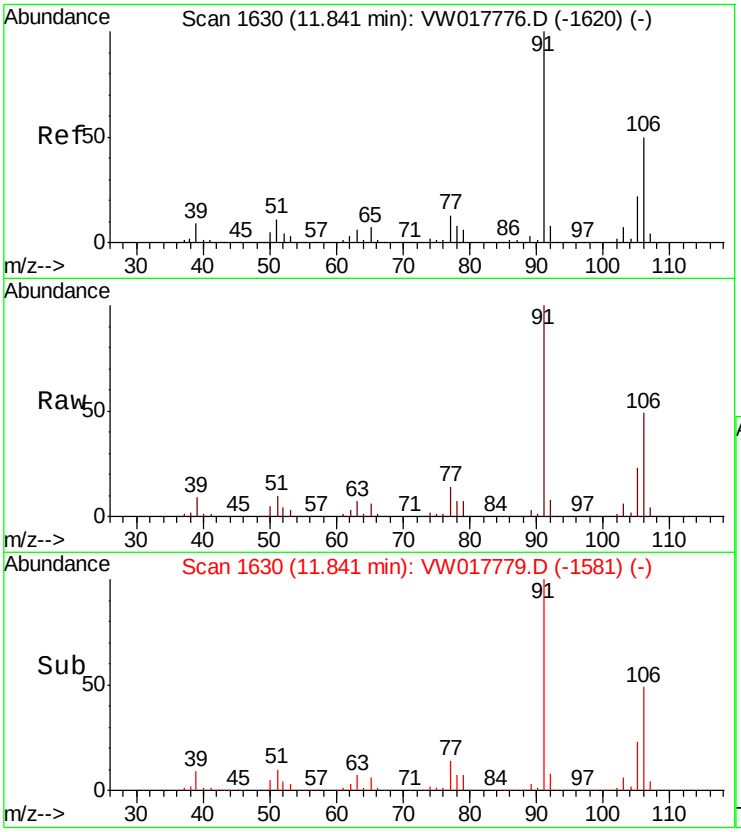




#52
Ethylbenzene
Concen: 26.730 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion: 91 Resp: 573146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.6 | 22.5 | 41.7 |



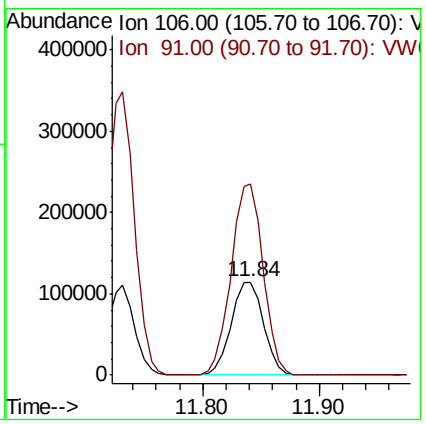


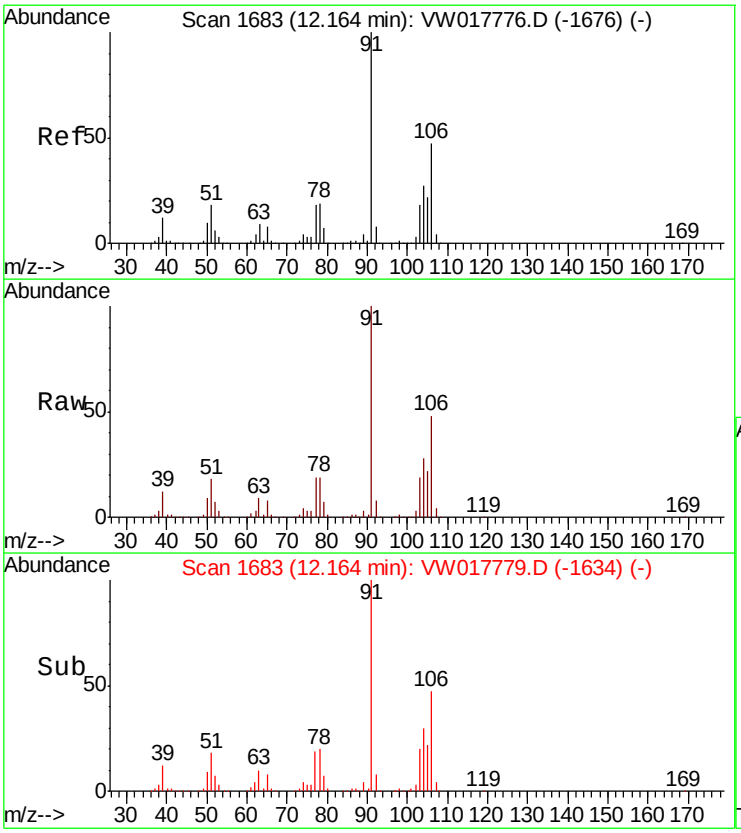

#53
m,p-Xylene
Concen: 26.757 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :** MSVOA_W
**ClientSampleId :**

Tgt Ion:106 Resp: 221967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 204.8 | 141.3 | 262.3 |

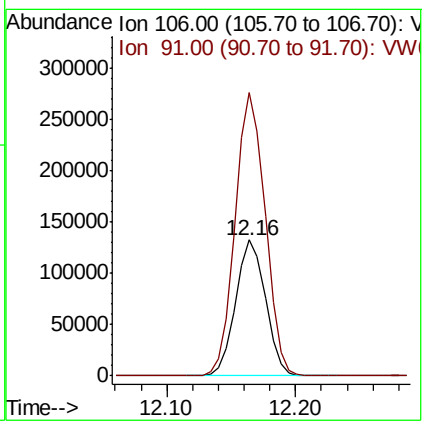


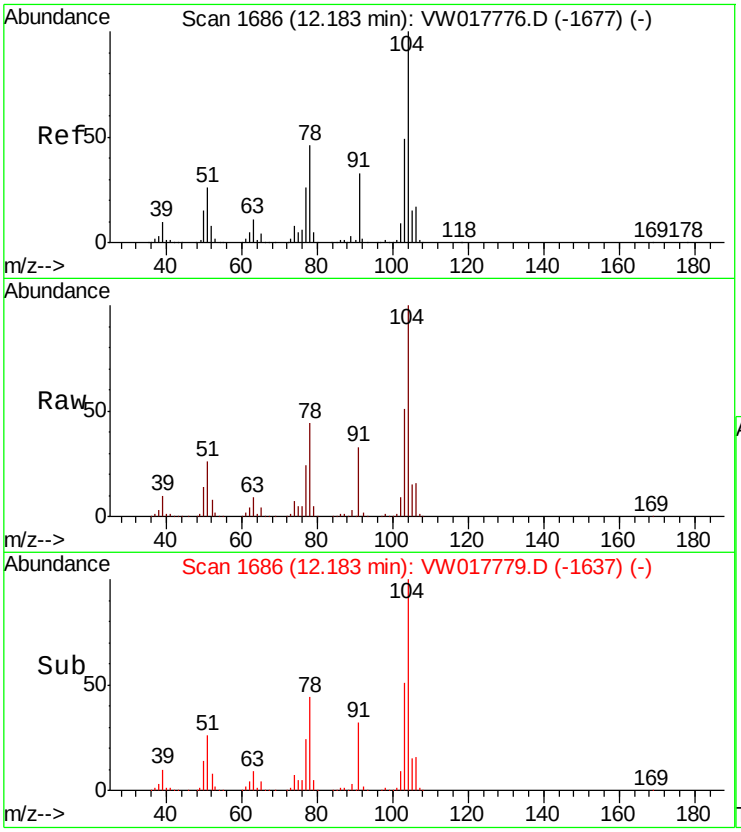




#54
o-Xylene
Concen: 27.108 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion:106 Resp: 212239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 208.8 | 150.0 | 278.6 |



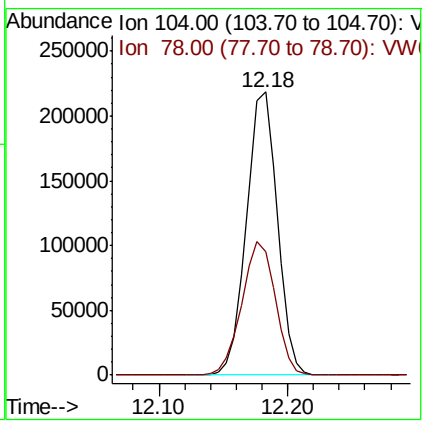


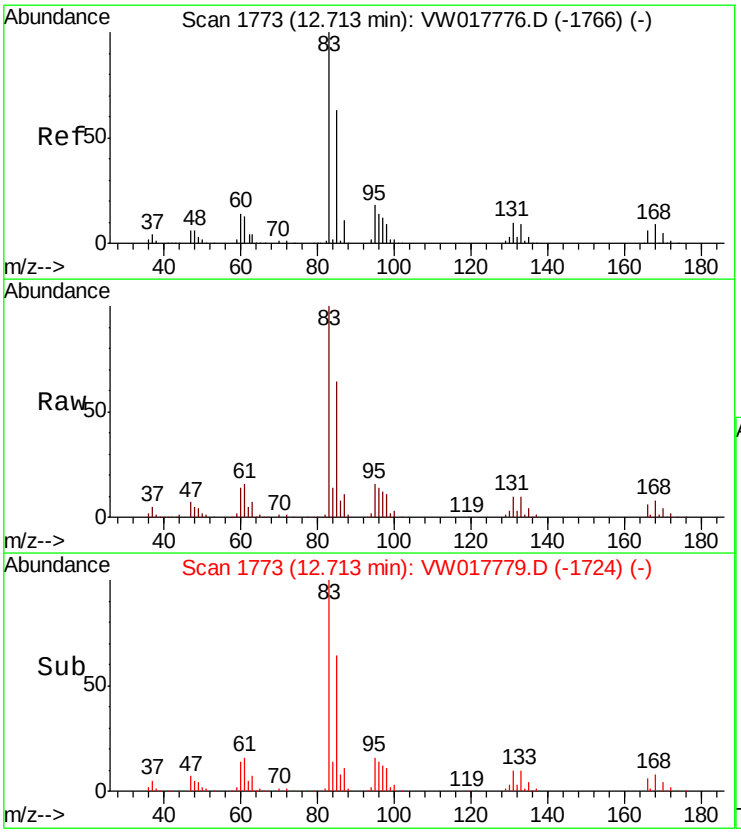

#55
Stvrene
Concen: 26.917 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :**
MSVOA_W
**ClientSampleId :**

Tgt Ion:104 Resp: 360581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 43.7 | 32.5 | 60.3 |

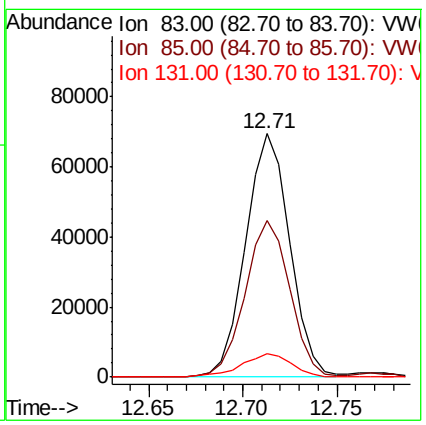


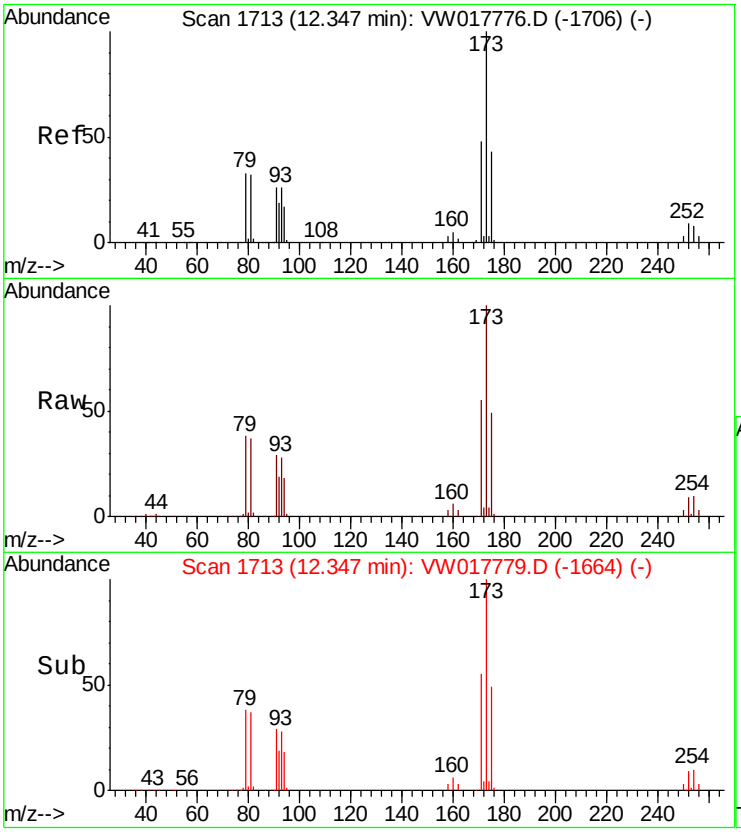




#57
1,1,2,2-Tetrachloroethane
Concen: 25.731 ug/L
RT: 12.71 min Scan# 1773
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion: 83 Resp: 112674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.4 | 44.4 | 82.4 |
| 131 | 9.7 | 8.2 | 12.4 |



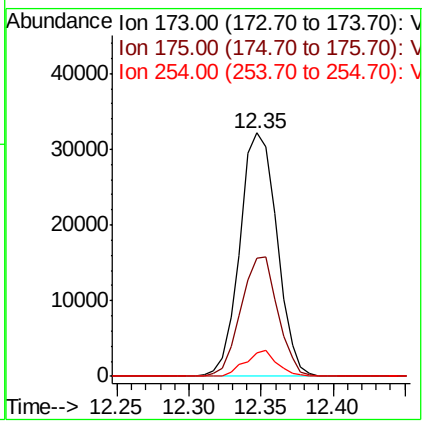


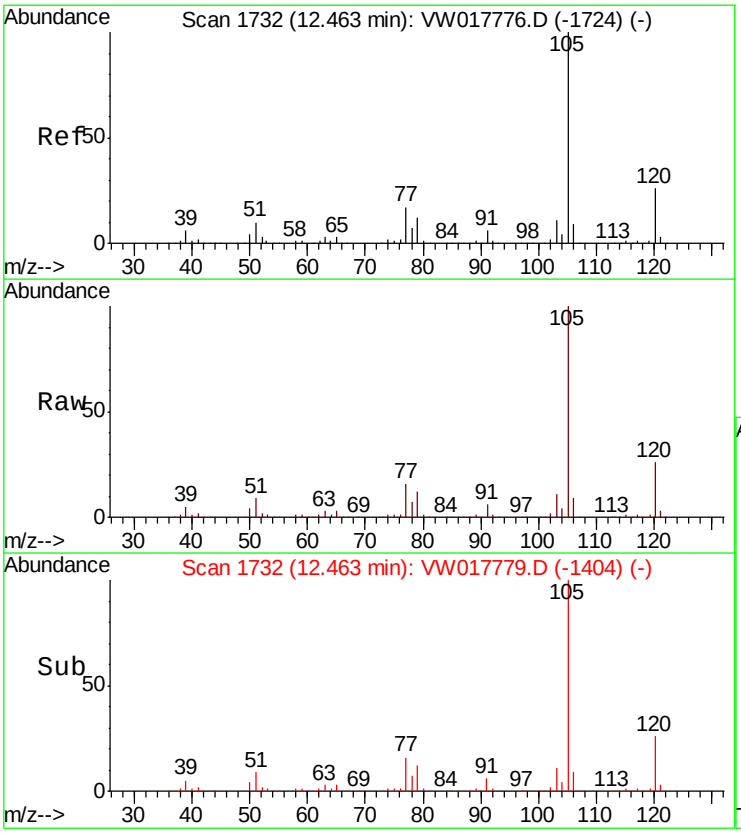

#59
Bromoform
Concen: 25.544 ug/L
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :** MSVOA_W
**ClientSampleId :**

Tgt Ion:173 Resp: 57428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.5 | 37.5 | 56.3 |
| 254 | 9.1 | 7.0 | 10.4 |

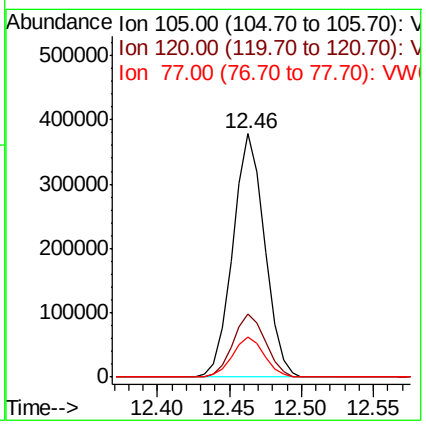


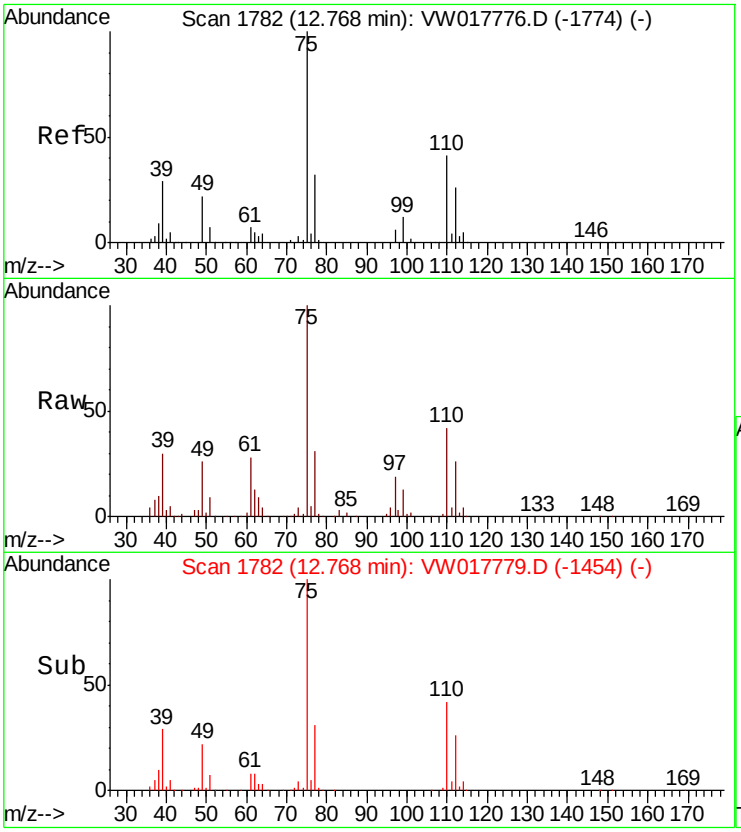




#60
Isopropylbenzene
Concen: 26.566 ug/L
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion:105 Resp: 582344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.5 | 21.1 | 31.7 |
| 77 | 16.4 | 13.2 | 19.8 |



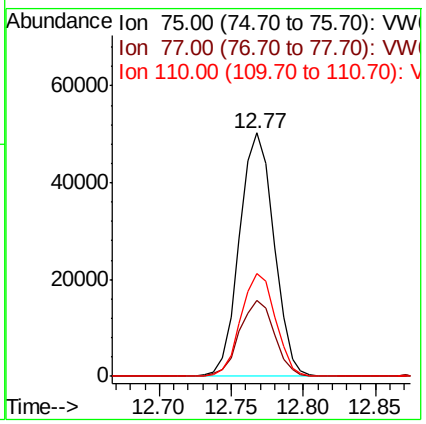


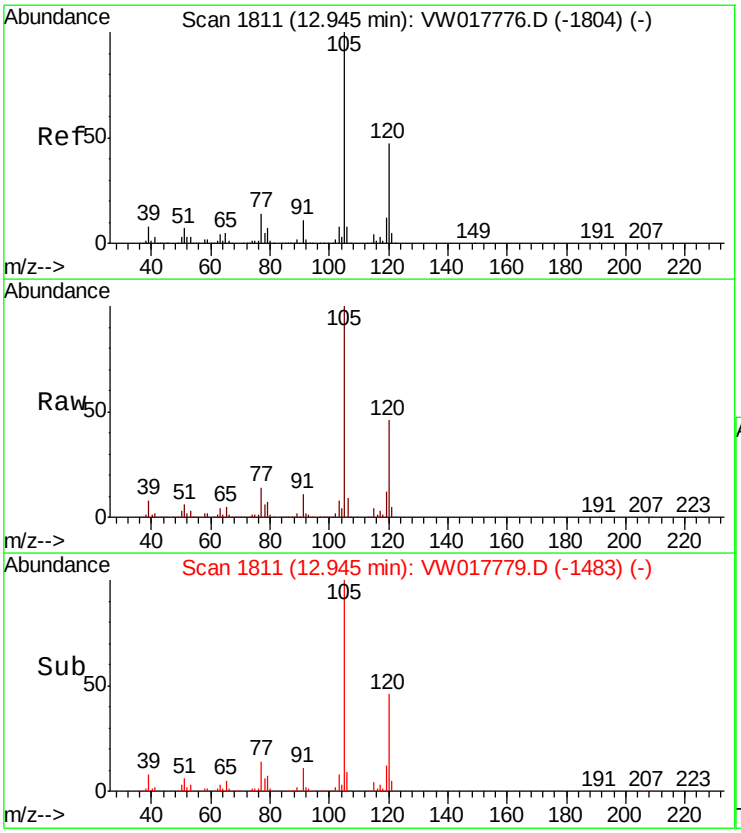

#61
1,2,3-Trichloropropane
Concen: 25.330 ug/L
RT: 12.77 min Scan# 1782
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :**
MSVOA_W
**ClientSampleId :**

Tgt Ion: 75 Resp: 83589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 25.3 | 37.9 |
| 110 | 42.1 | 32.6 | 48.8 |

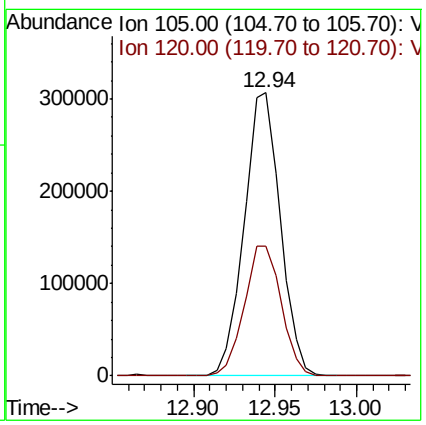


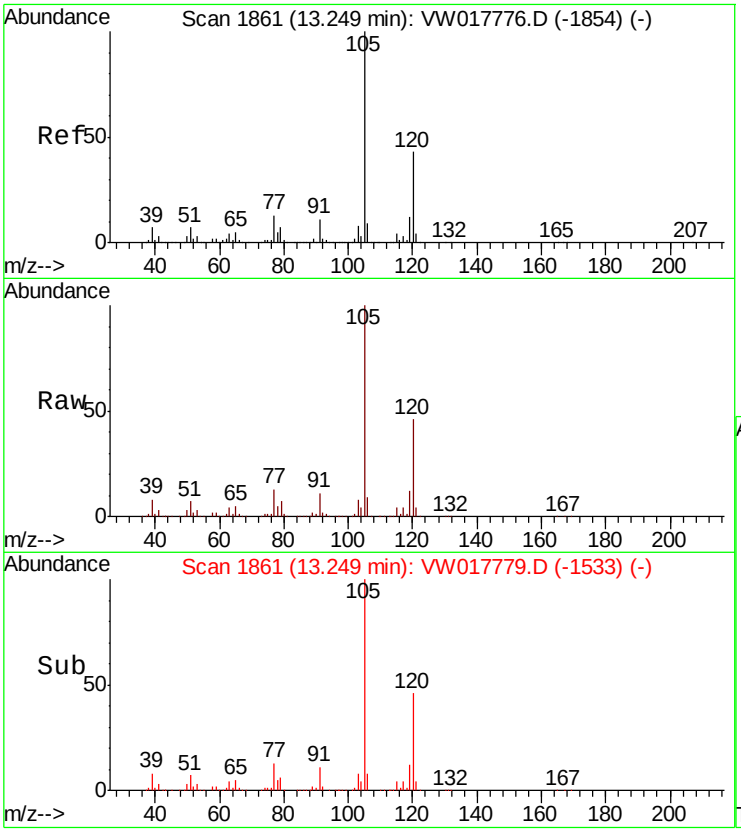




#62
1,3,5-Trimethylbenzene
Concen: 27.191 ug/L
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion:105 Resp: 474165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.0 | 39.0 | 58.6 |



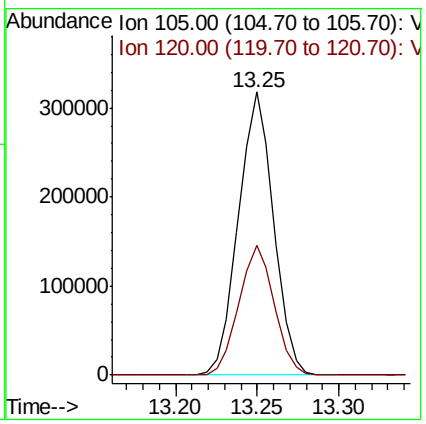


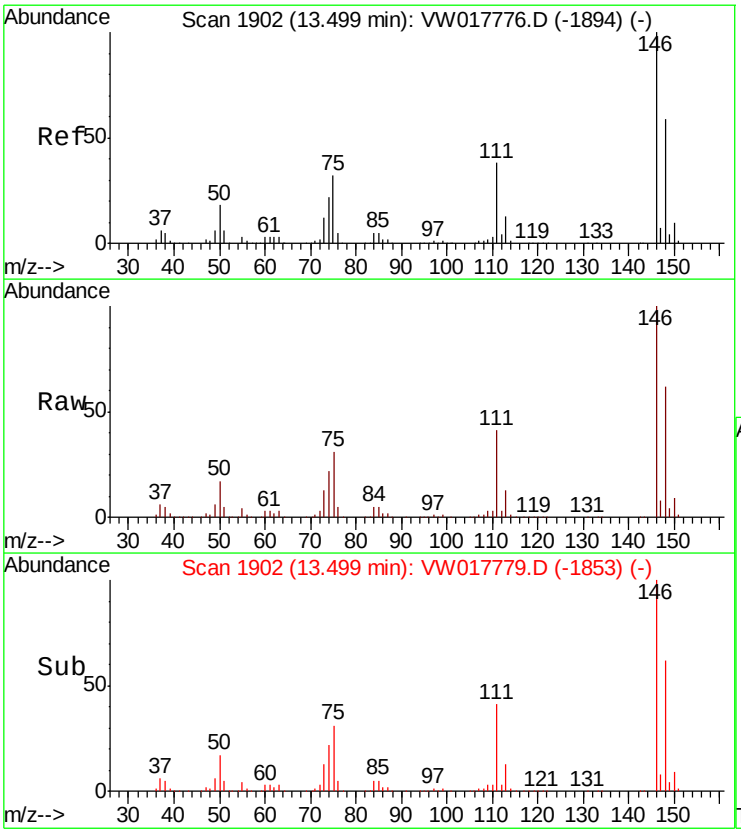

#63
1,2,4-Trimethylbenzene
Concen: 26.917 ug/L
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :**
MSVOA_W
**ClientSampleId :**

Tgt Ion:105 Resp: 477697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.0 | 35.6 | 53.4 |

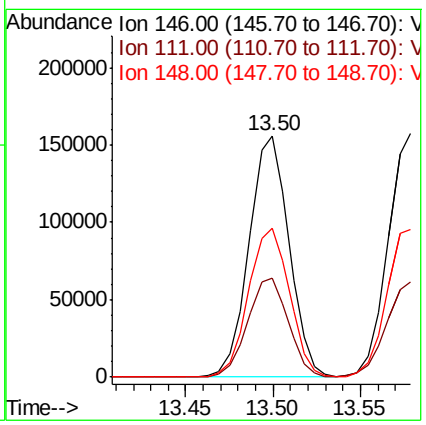


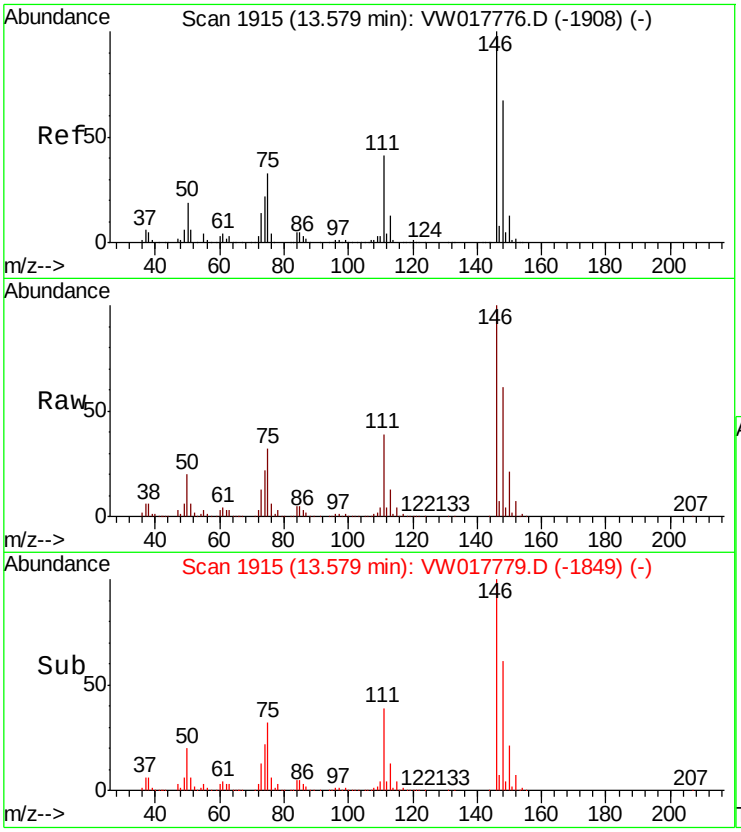




#64
1,3-Dichlorobenzene
Concen: 26.154 ug/L
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion:146 Resp: 247509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.0 | 26.7 | 49.7 |
| 148 | 61.9 | 41.1 | 76.3 |



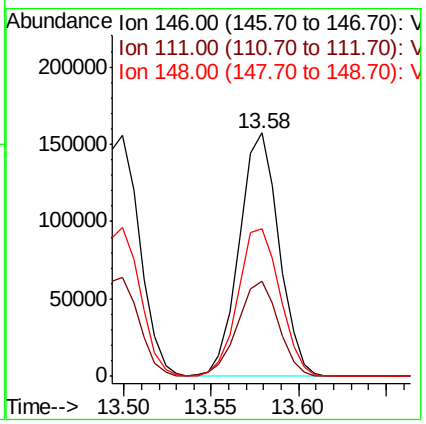


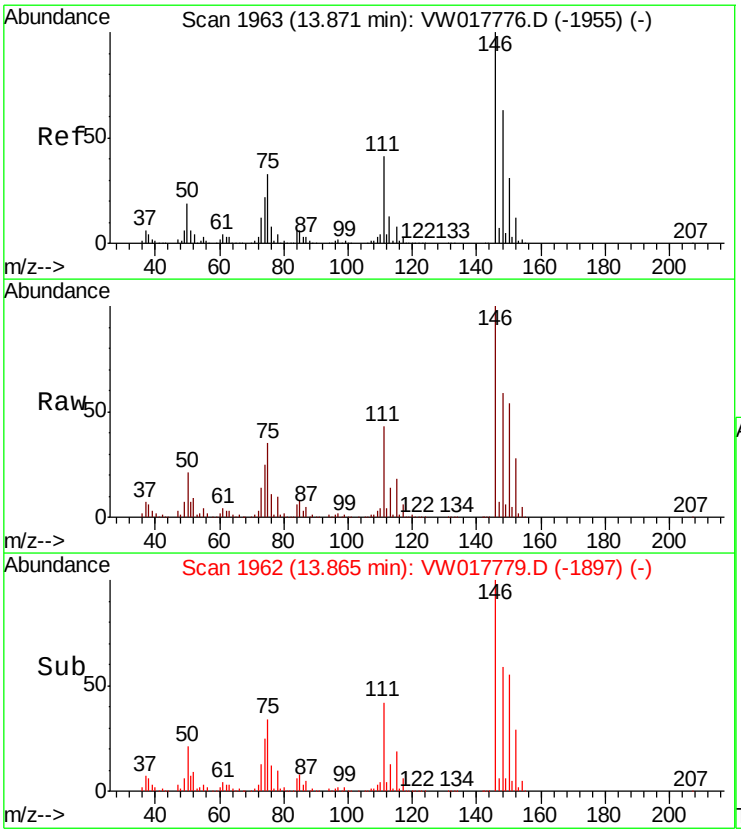

#65
1,4-Dichlorobenzene
Concen: 26.428 ug/L
RT: 13.58 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :**
MSVOA_W
**ClientSampleId :**

Tgt Ion:146 Resp: 248431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.8 | 28.8 | 53.4 |
| 148 | 60.8 | 46.8 | 87.0 |

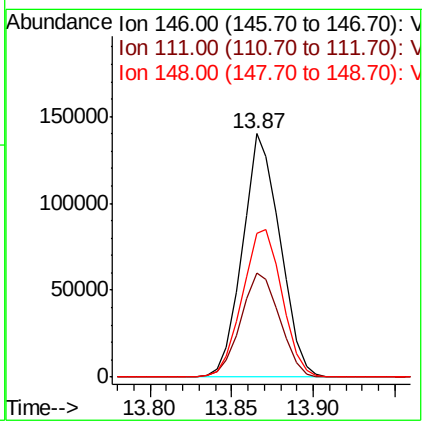


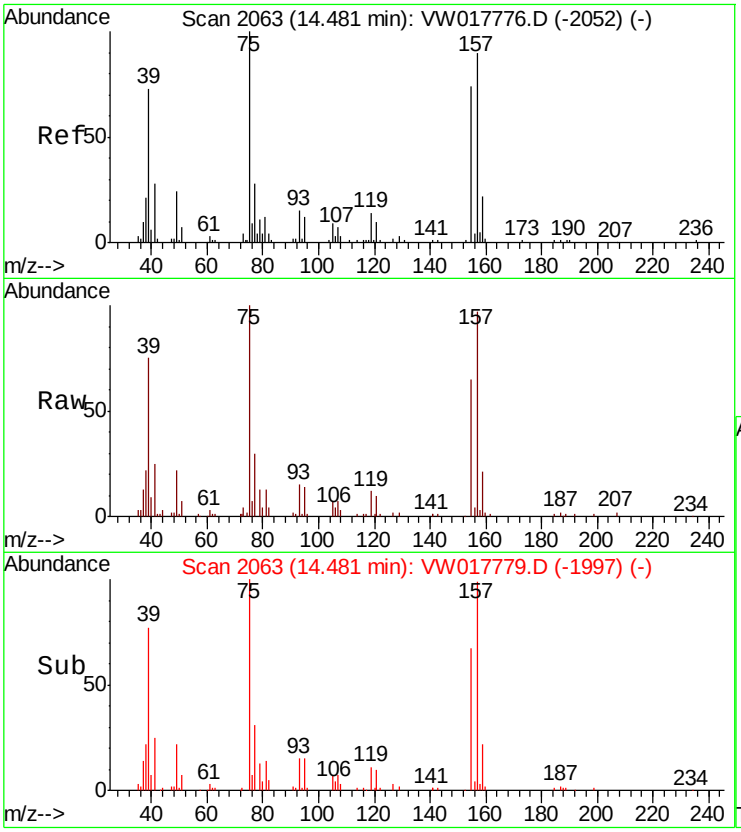




#67
1,2-Dichlorobenzene
Concen: 26.318 ug/L
RT: 13.87 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion:146 Resp: 223494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.8 | 33.2 | 49.8 |
| 148 | 59.1 | 50.4 | 75.6 |



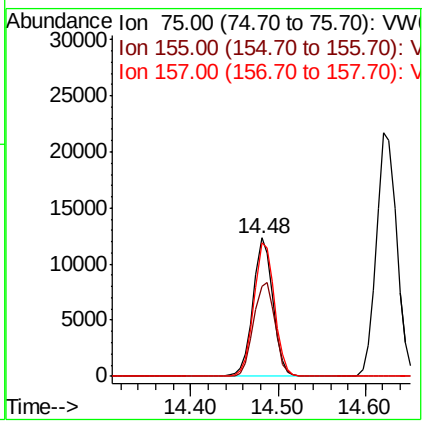


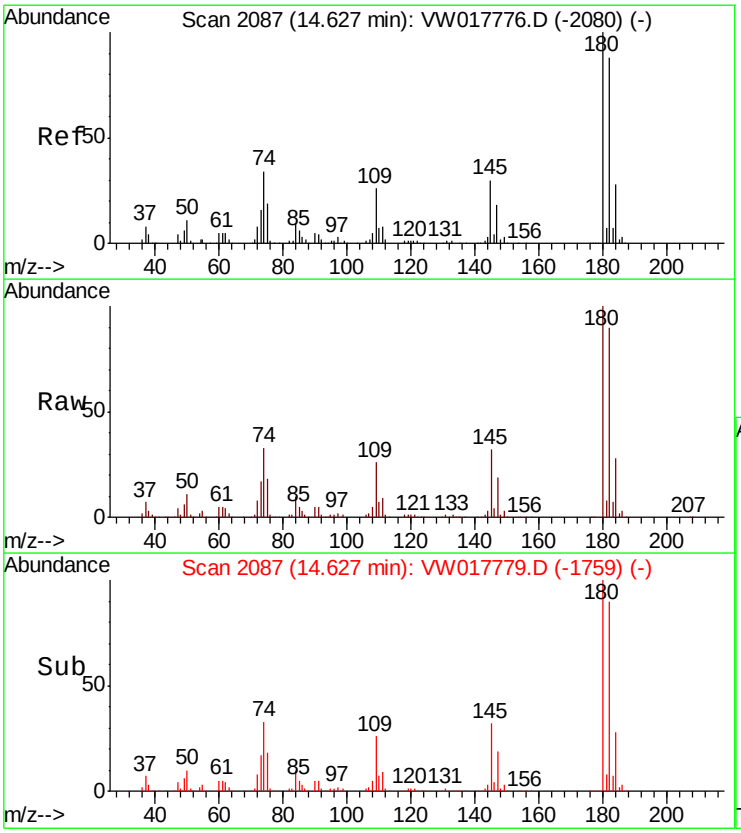

#68
1,2-Dibromo-3-chloropropane
Concen: 24.605 ug/L
RT: 14.48 min Scan# 2063
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :** MSVOA_W
**ClientSampleId :**

Tgt Ion: 75 Resp: 19430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 65.3 | 59.4 | 89.0 |
| 157 | 96.8 | 72.2 | 108.2 |

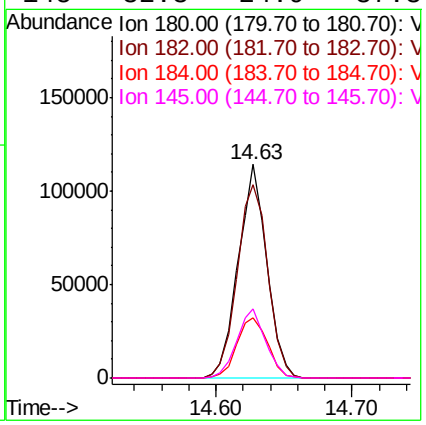


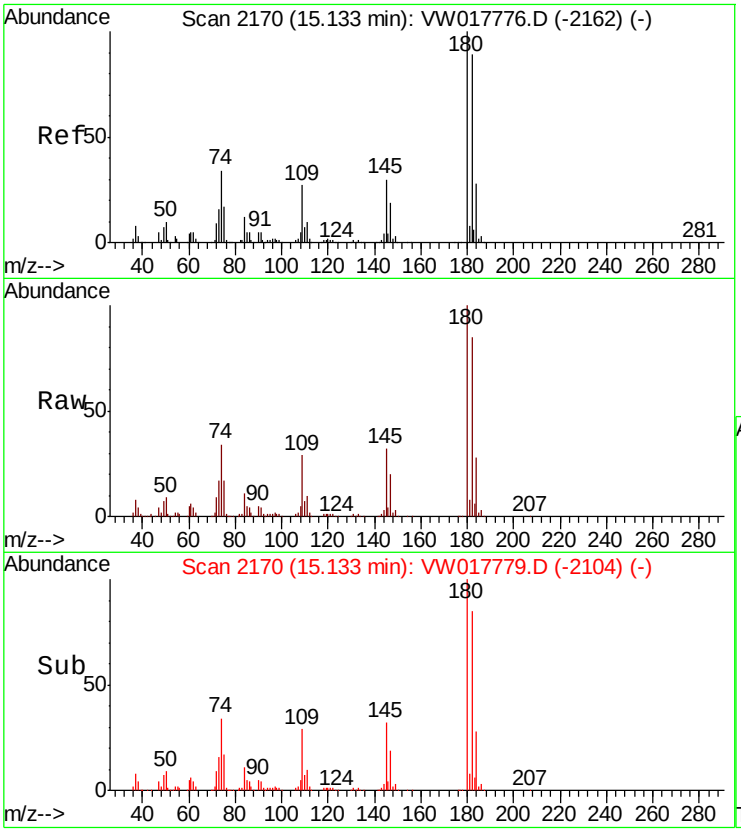




#69
1,3,5-Trichlorobenzene
Concen: 26.200 ug/L
RT: 14.63 min Scan# 2087
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion:180 Resp: 167752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.9 | 73.4 | 110.2 |
| 184 | 30.4 | 23.6 | 35.4 |
| 145 | 32.3 | 24.9 | 37.3 |



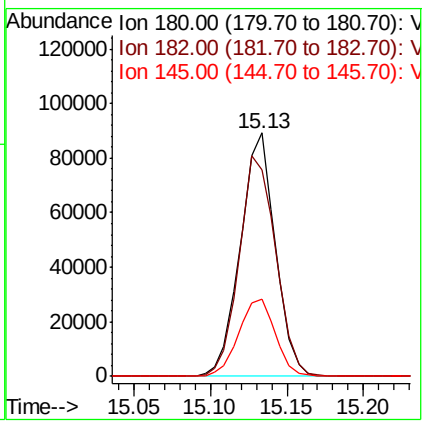


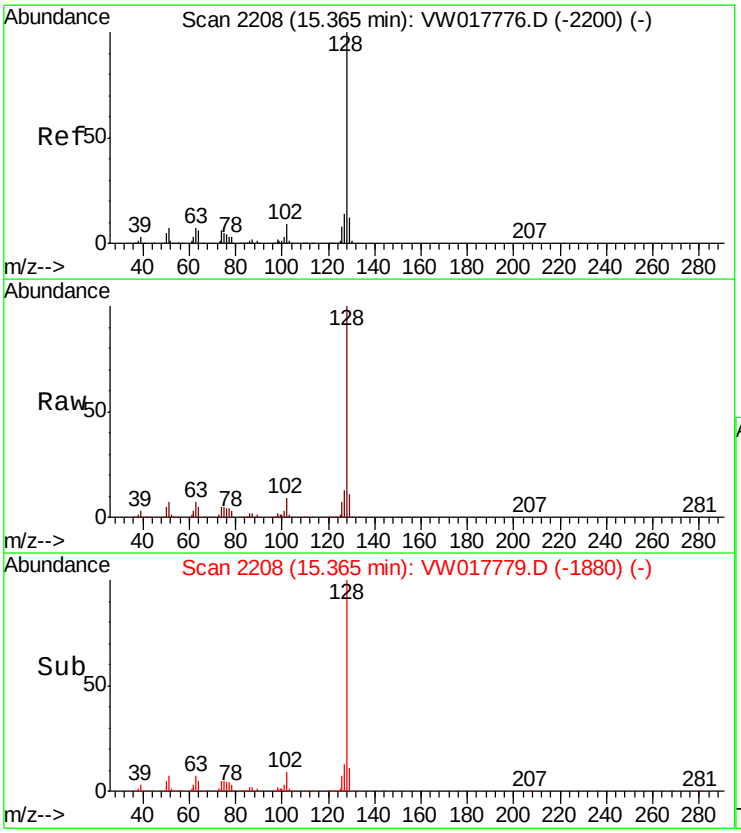

#70
1,2,4-trichlorobenzene
Concen: 25.459 ug/L
RT: 15.13 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :**
MSVOA_W
**ClientSampleId :**

Tgt Ion:180 Resp: 141133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.2 | 74.7 | 112.1 |
| 145 | 33.4 | 25.0 | 37.4 |

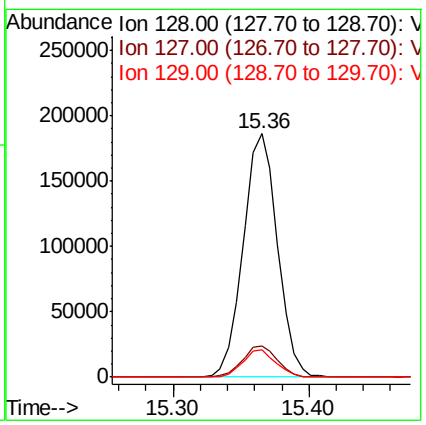


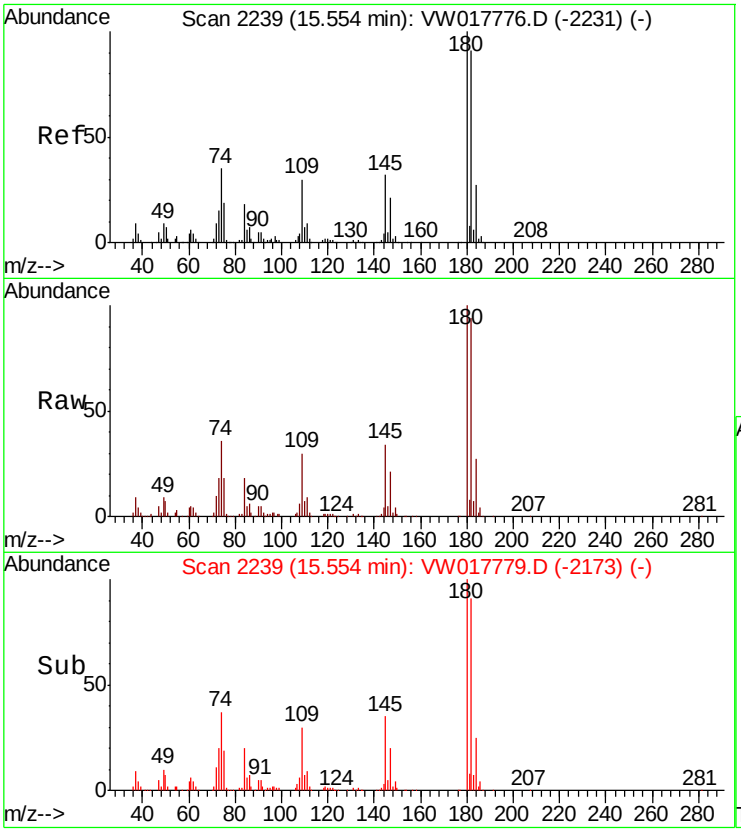




#71
Naphthalene
Concen: 25.759 ug/L
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

Tgt Ion:128 Resp: 329050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.0 | 10.6 | 15.8 |
| 129 | 10.9 | 9.0 | 13.6 |






#72
1,2,3-Trichlorobenzene
Concen: 25.970 ug/L
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW017779.D
Acq: 30 Dec 2020 13:17

**Instrument :**
MSVOA_W
**ClientSampleId :**

Tgt Ion:180 Resp: 126536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 92.3 | 76.7 | 115.1 |
| 145 | 34.7 | 28.9 | 43.3 |