Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
Data File : VV037388.D
Acq On : 19 Sep 2024 17:27
Operator : SY/MD
Sample : P3986-20 10X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Sep 20 01:59:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 01:54:17 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.529 | 114 | 318783 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.783 | 117 | 333707 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.182 | 152 | 156667 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.275 | 65 | 66238 | 3.542 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 70.800% | | | |
| 7) Chloroethane-d5 | 1.529 | 69 | 80794 | 4.143 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 82.800% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.047 | 65 | 37148 | 3.846 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 77.000% | | | |
| 20) 2-Butanone-d5 | 3.809 | 46 | 293990 | 52.599 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 105.200% | | | |
| 24) Chloroform-d | 4.240 | 84 | 206430 | 4.546 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 91.000% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.937 | 65 | 100507 | 4.727 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 94.600% | | | |
| 32) Benzene-d6 | 4.950 | 84 | 381671 | 4.266 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 85.400% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.982 | 67 | 131263 | 4.718 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 94.400% | | | |
| 41) Toluene-d8 | 7.240 | 98 | 307682 | 3.817 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 76.400% | | | |
| 43) trans-1,3-Dichloroprop... | 7.561 | 79 | 33820 | 3.695 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 74.000% | | | |
| 46) 2-Hexanone-d5 | 8.034 | 63 | 235842 | 52.741 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 105.480% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84 | 115588 | 5.097 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 102.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.558 | 152 | 129529 | 4.650 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 93.000% | | | |
| Target Compounds | | | | | | Qvalue |
| 5) Vinyl chloride | 1.278 | 62 | 57354 | 1.847 | ug/L | 86 |
| 6) Bromomethane | 1.487 | 94 | 3475 | 0.187 | ug/L | 99 |
| 8) Chloroethane | 1.343 | 64 | 124774 | 6.682 | ug/L # | 52 |
| 12) 1,1-Dichloroethene | 2.057 | 96 | 20843 | 0.933 | ug/L # | 1 |
| 15) Methyl Acetate | 2.401 | 43 | 4826 | 0.541 | ug/L # | 86 |
| 16) Methylene chloride | 2.439 | 84 | 7130 | 0.278 | ug/L | 99 |
| 19) 1,1-Dichloroethane | 3.105 | 63 | 81395 | 1.814 | ug/L | 99 |
| 22) cis-1,2-Dichloroethene | 3.802 | 96 | 384964 | 15.151 | ug/L | 99 |
| 34) Trichloroethene | 5.834 | 95 | 29271 | 1.080 | ug/L | 94 |
| 35) Methylcyclohexane | 5.986 | 83 | 30508 | 0.741 | ug/L # | 19 |
| 37) 1,2-Dichloropropane | 5.982 | 63 | 13673 | 0.534 | ug/L # | 88 |
| 48) 2-Hexanone | 8.034 | 43 | 28731 | 2.684 | ug/L # | 72 |
| 53) m,p-Xylene | 9.079 | 106 | 7543 | 0.176 | ug/L | 91 |
| 61) 1,2,3-Trichloropropane | 11.185 | 75 | 18788 | 1.318 | ug/L # | 64 |

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

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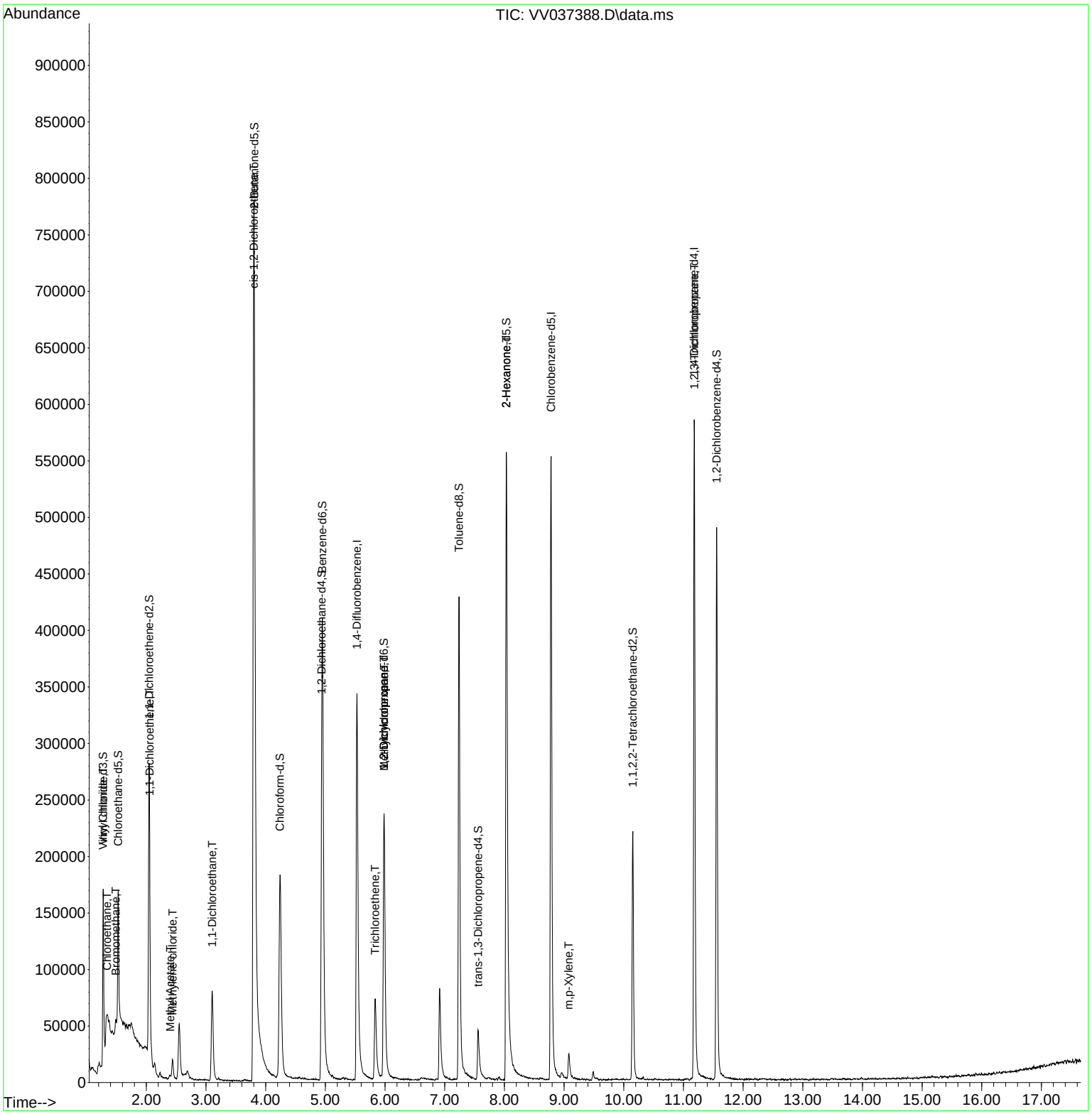
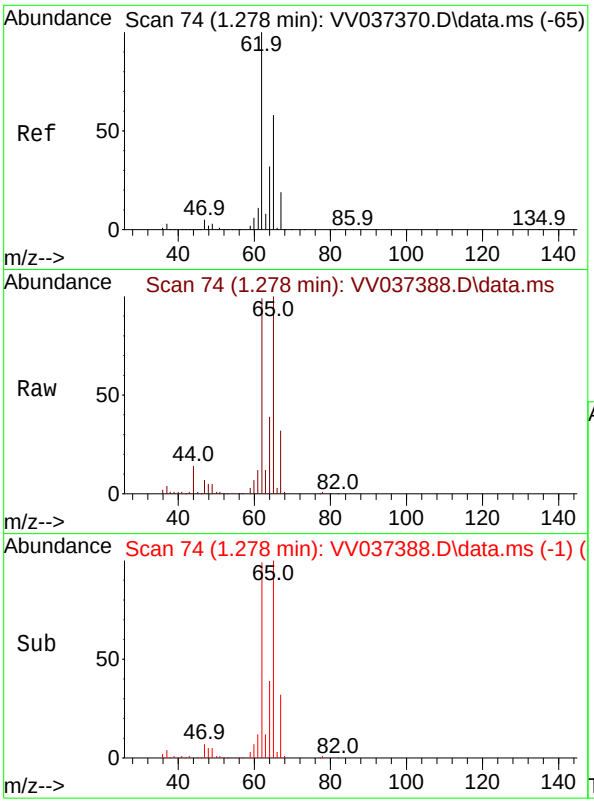
**Instrument :**
MSVOA_V
**ClientSampleId :**

Quant Time: Sep 20 01:59:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 01:54:17 2024
Response via : Initial Calibration



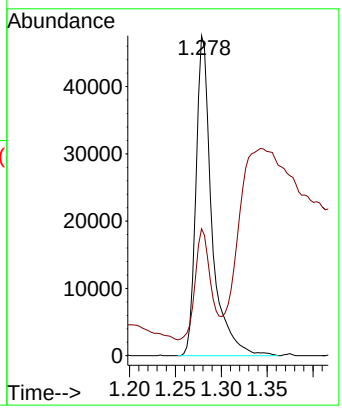


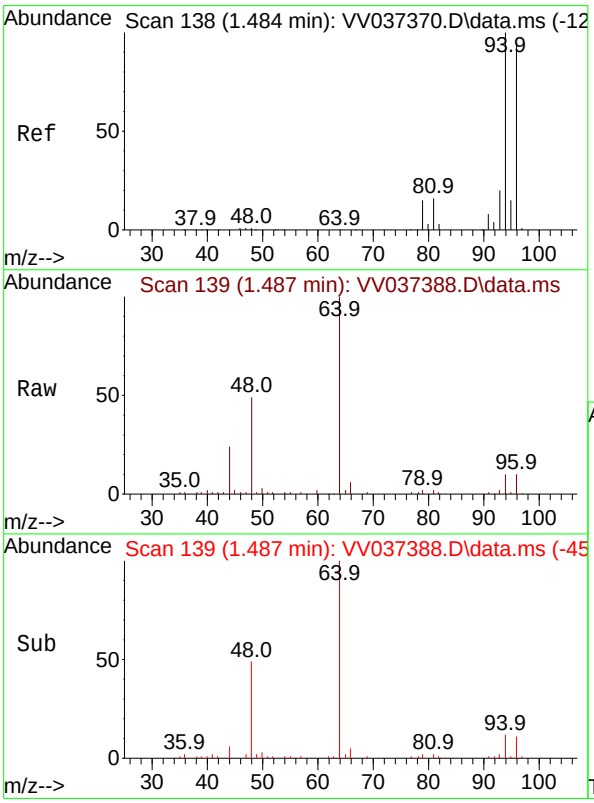

#5
Vinyl chloride
Concen: 1.847 ug/L
RT: 1.278 min Scan# 7
Delta R.T. 0.000 min
Lab File: VV037388.D
Acq: 19 Sep 2024 17:27

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

Tgt Ion: 62 Resp: 57354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 39.7 | 22.4 | 41.6 |

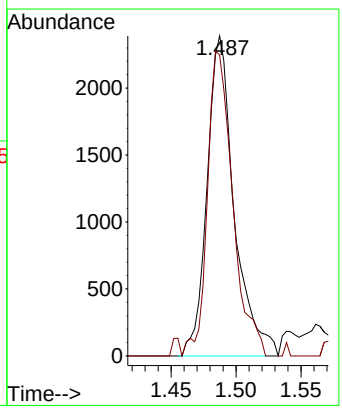


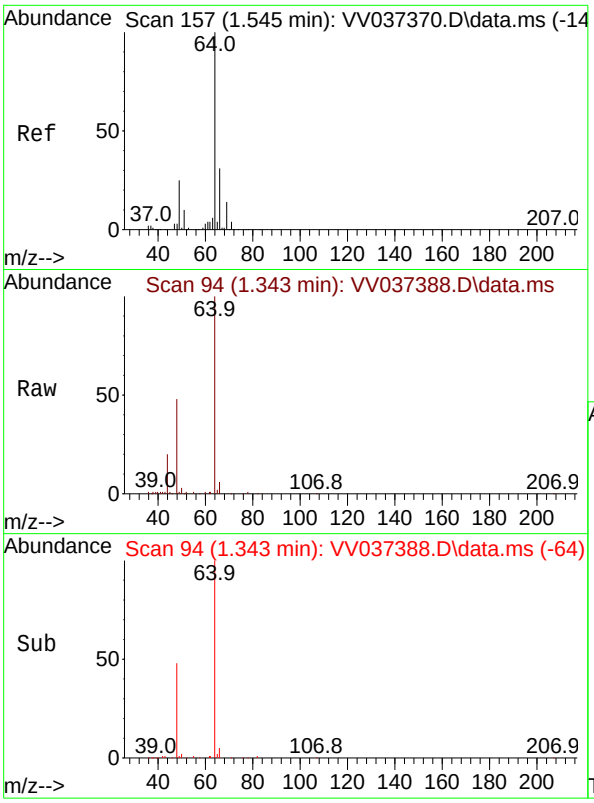




#6
Bromomethane
Concen: 0.187 ug/L
RT: 1.487 min Scan# 139
Delta R.T. 0.003 min
Lab File: VV037388.D
Acq: 19 Sep 2024 17:27

Tgt Ion: 94 Resp: 3475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 94.1 | 65.3 | 121.3 |



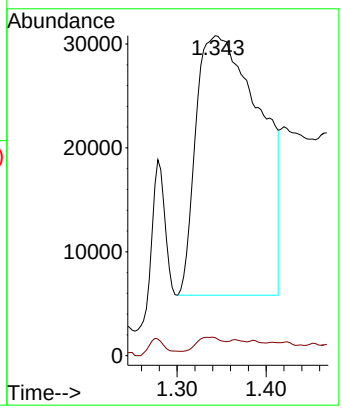


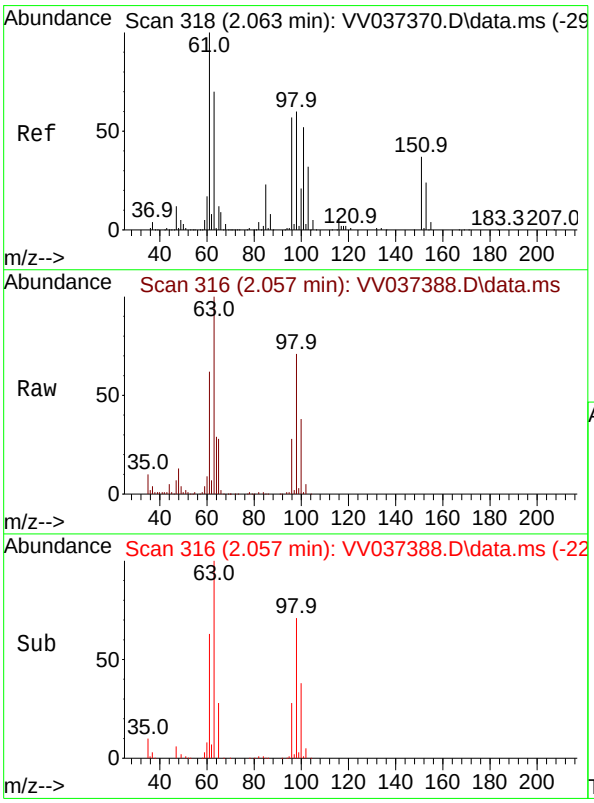

#8
Chloroethane
Concen: 6.682 ug/L
RT: 1.343 min Scan# 9
Delta R.T. -0.203 min
Lab File: VV037388.D
Acq: 19 Sep 2024 17:27

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

Tgt Ion: 64 Resp: 124774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 5.7 | 22.7 | 42.1# |

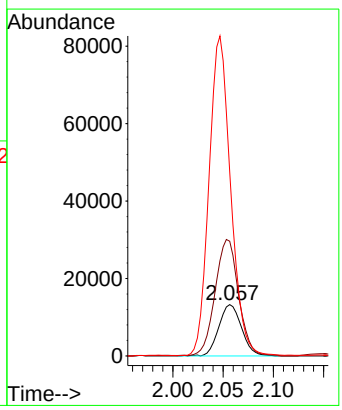


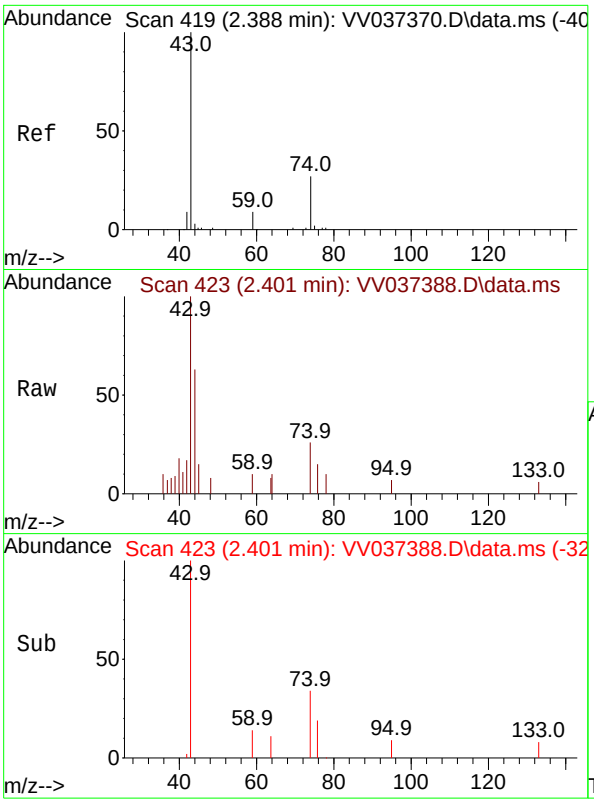




#12
1,1-Dichloroethene
Concen: 0.933 ug/L
RT: 2.057 min Scan# 316
Delta R.T. -0.006 min
Lab File: VV037388.D
Acq: 19 Sep 2024 17:27

Tgt Ion: 96 Resp: 20843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 223.1 | 119.9 | 222.7# |
| 63 | 357.8 | 81.4 | 151.2# |



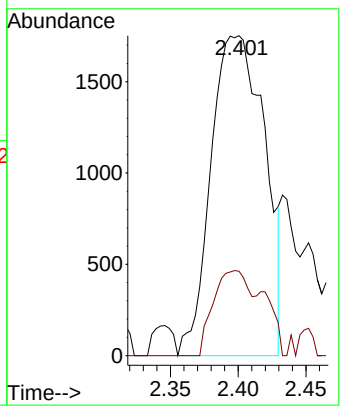


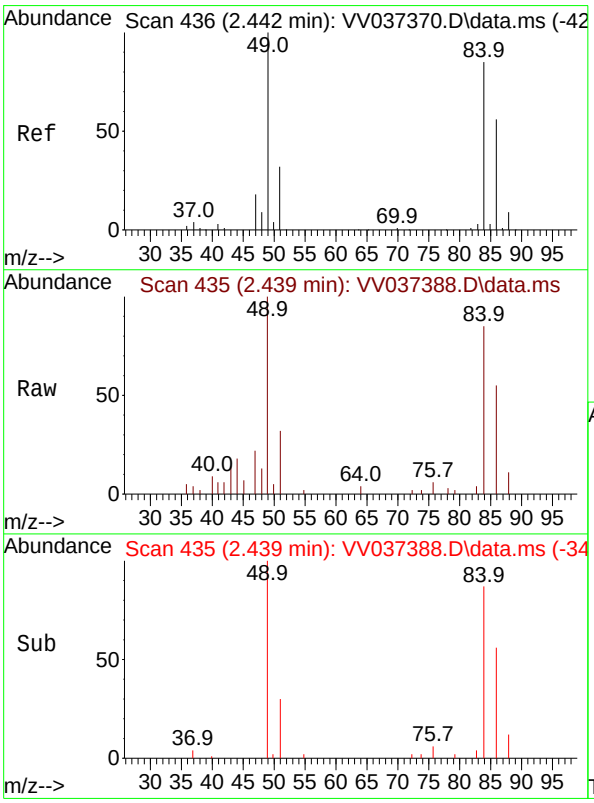

#15
Methyl Acetate
Concen: 0.541 ug/L
RT: 2.401 min Scan# 4
Delta R.T. 0.013 min
Lab File: VV037388.D
Acq: 19 Sep 2024 17:27

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

Tgt Ion: 43 Resp: 4826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 18.9 | 21.0 | 31.4# |

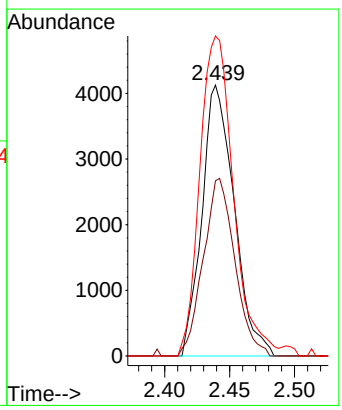


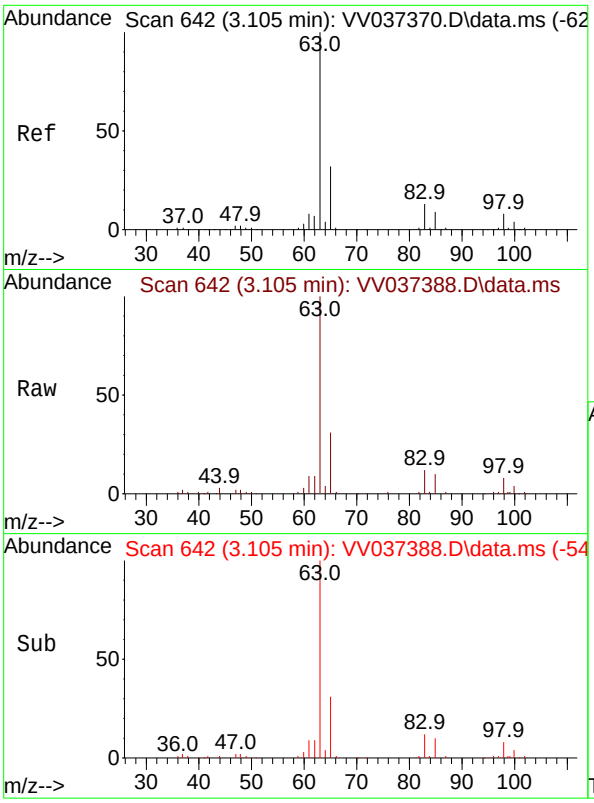




#16
Methylene chloride
Concen: 0.278 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV037388.D
Acq: 19 Sep 2024 17:27

Tgt Ion: 84 Resp: 7130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 64.7 | 44.0 | 81.8 |
| 49 | 118.1 | 83.0 | 154.1 |



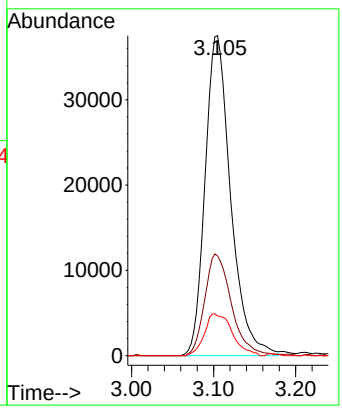


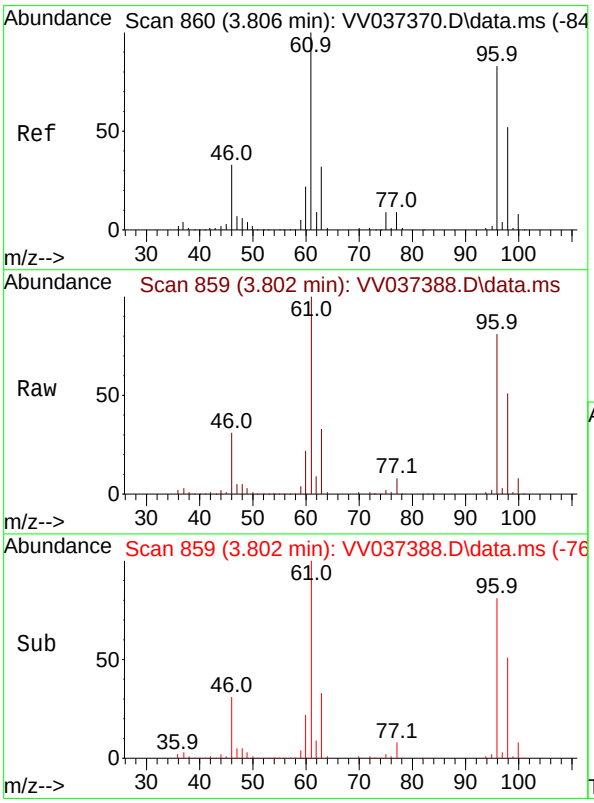

#19
1,1-Dichloroethane
Concen: 1.814 ug/L
RT: 3.105 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV037388.D
Acq: 19 Sep 2024 17:27

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

Tgt Ion: 63 Resp: 81395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.2 | 22.5 | 41.7 |
| 83 | 12.4 | 8.9 | 16.5 |

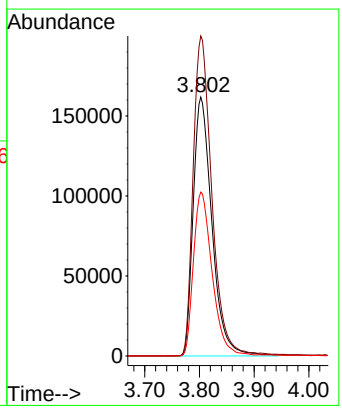


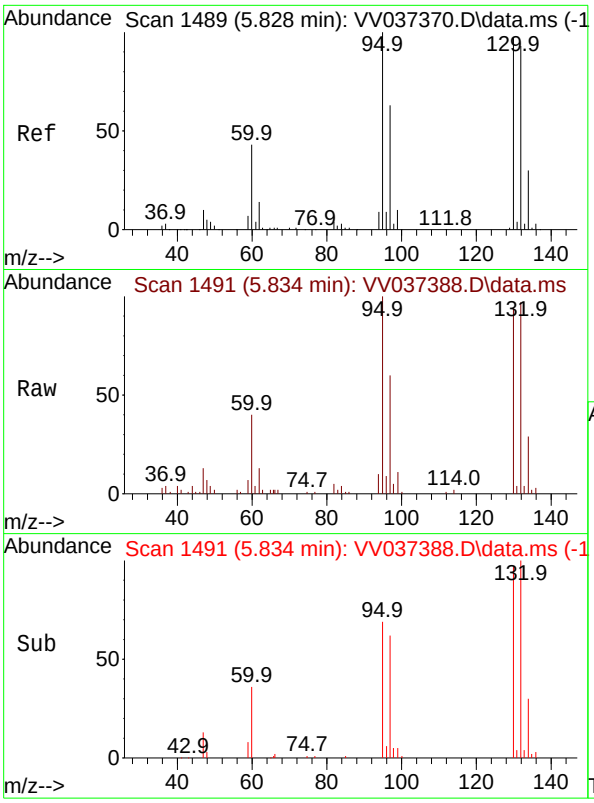




#22
cis-1,2-Dichloroethene
Concen: 15.151 ug/L
RT: 3.802 min Scan# 859
Delta R.T. -0.003 min
Lab File: VV037388.D
Acq: 19 Sep 2024 17:27

Tgt Ion: 96 Resp: 384964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 123.6 | 87.6 | 162.6 |
| 98 | 63.3 | 44.9 | 83.5 |



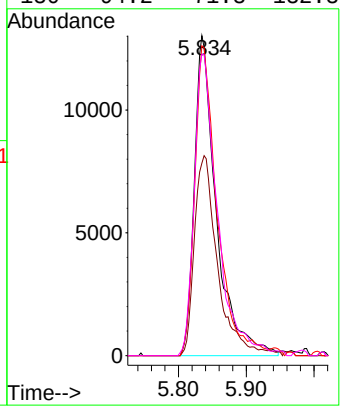


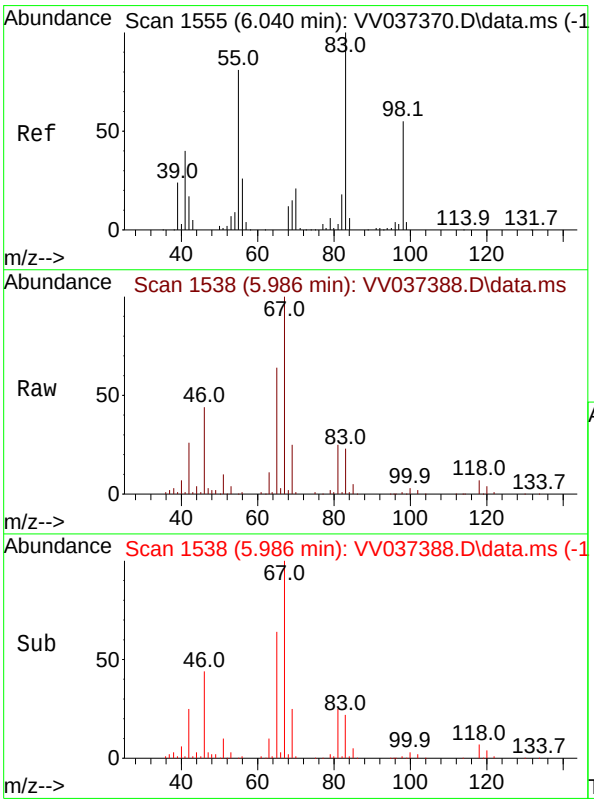

#34
Trichloroethene
Concen: 1.080 ug/L
RT: 5.834 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV037388.D
Acq: 19 Sep 2024 17:27

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

Tgt Ion: 95 Resp: 29271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 60.2 | 46.5 | 86.5 |
| 132 | 96.8 | 65.5 | 121.7 |
| 130 | 94.2 | 71.3 | 132.3 |

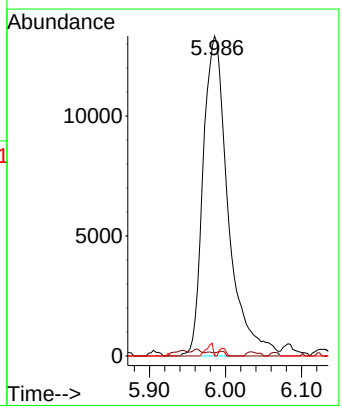


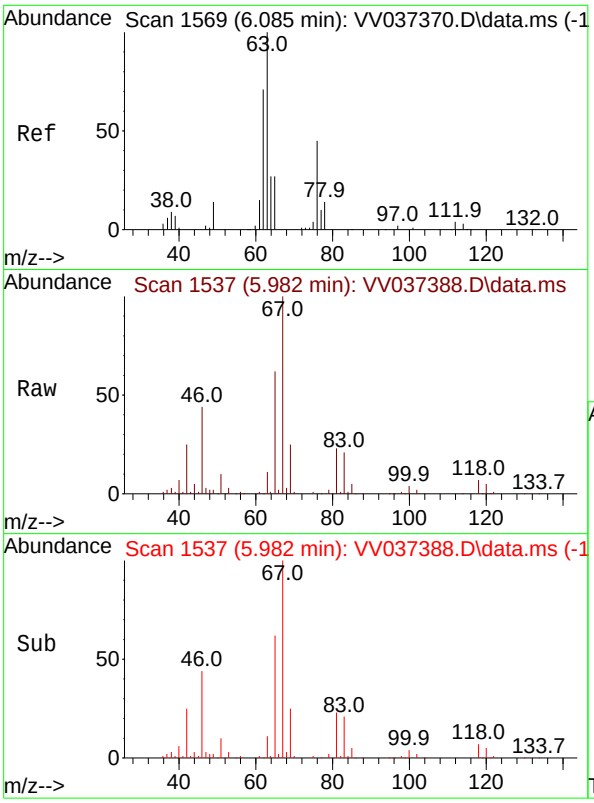




#35
Methylcyclohexane
Concen: 0.741 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.055 min
Lab File: VV037388.D
Acq: 19 Sep 2024 17:27

Tgt Ion: 83 Resp: 30508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.4 | 60.3 | 90.5# |
| 98 | 1.0 | 38.2 | 57.4# |



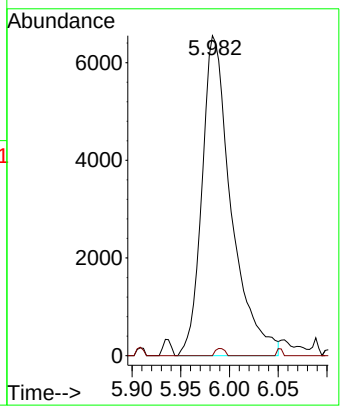


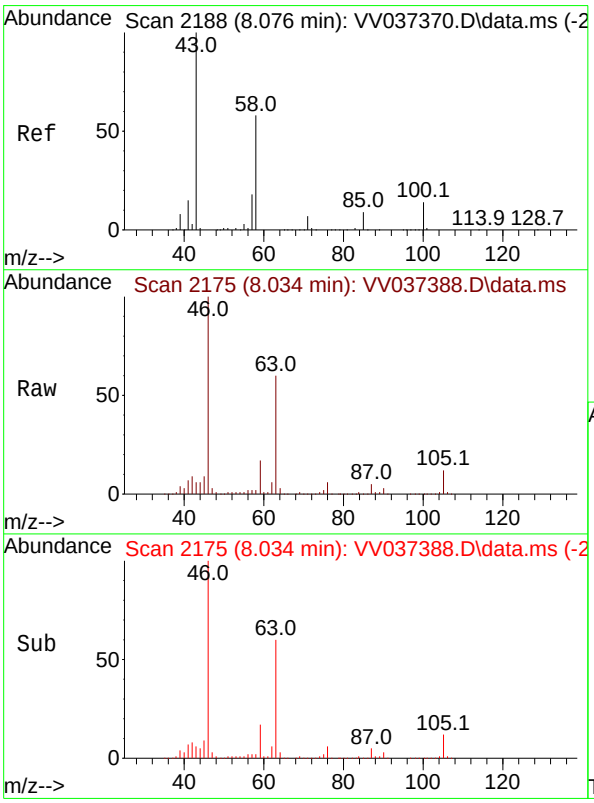

#37
1,2-Dichloropropane
Concen: 0.534 ug/L
RT: 5.982 min Scan# 1
Delta R.T. -0.103 min
Lab File: VV037388.D
Acq: 19 Sep 2024 17:27

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

Tgt Ion: 63 Resp: 13673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.7 | 3.7 | 5.5# |

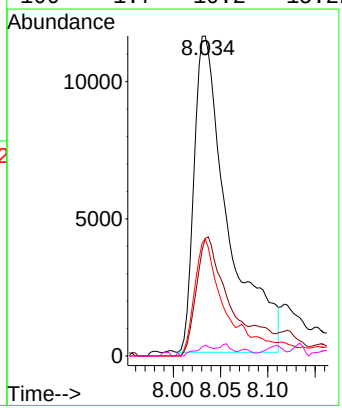


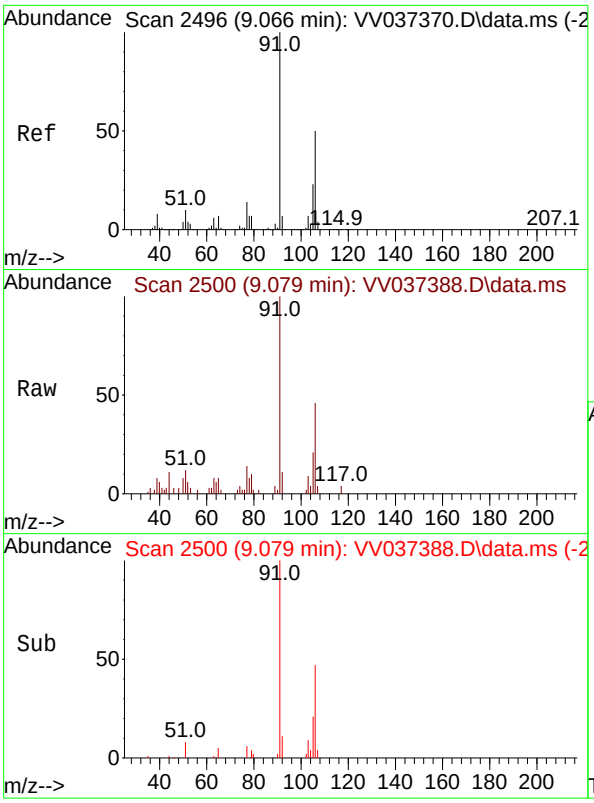




#48
2-Hexanone
Concen: 2.684 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.042 min
Lab File: VV037388.D
Acq: 19 Sep 2024 17:27

Tgt Ion: 43 Resp: 28731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.7 | 45.5 | 68.3# |
| 57 | 27.2 | 15.3 | 22.9# |
| 100 | 1.7 | 10.2 | 15.2# |



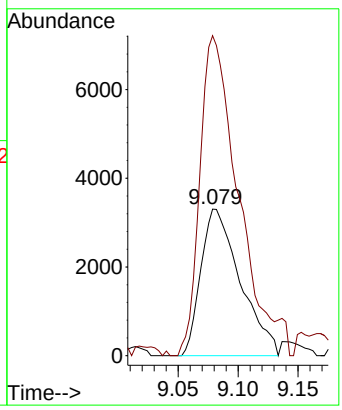


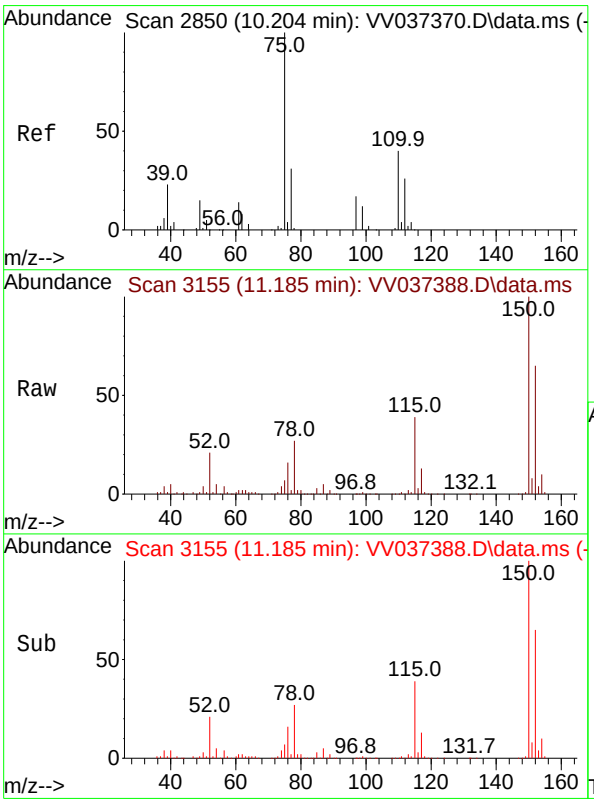

#53
m,p-Xylene
Concen: 0.176 ug/L
RT: 9.079 min Scan# 2
Delta R.T. 0.013 min
Lab File: VV037388.D
Acq: 19 Sep 2024 17:27

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

Tgt Ion:106 Resp: 7543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 218.2 | 143.3 | 266.1 |




#61
1,2,3-Trichloropropane
Concen: 1.318 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.981 min
Lab File: VV037388.D
Acq: 19 Sep 2024 17:27

Tgt Ion: 75 Resp: 18788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 35.6 | 25.6 | 38.4 |
| 110 | 2.0 | 31.0 | 46.4# |