Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026518.D
Acq On : 23 Jun 2022 16:44
Operator : SY/MD
Sample : N3425-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AL2

Quant Time: Jun 24 02:03:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 24 00:51:15 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 5.622 | 114 | 216594 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.854 | 117 | 208523 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.249 | 152 | 91369 | 5.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.317 | 65 | 84316 | 4.841 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 96.800% | | | |
| 7) Chloroethane-d5 | 1.577 | 69 | 69589 | 4.973 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 99.400% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.117 | 63 | 113943 | 3.681 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 73.600% | | | |
| 20) 2-Butanone-d5 | 3.928 | 46 | 105880 | 61.140 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 122.280% | | | |
| 24) Chloroform-d | 4.359 | 84 | 139181 | 4.888 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.800% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.040 | 65 | 56377 | 5.140 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 102.800% | | | |
| 32) Benzene-d6 | 5.056 | 84 | 276002 | 4.608 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 92.200% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.072 | 67 | 81790 | 4.966 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 99.400% | | | |
| 41) Toluene-d8 | 7.317 | 98 | 241764 | 4.489 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 89.800% | | | |
| 43) trans-1,3-Dichloroprop... | 7.628 | 79 | 18093 | 4.250 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 85.000% | | | |
| 46) 2-Hexanone-d5 | 8.091 | 63 | 82414 | 50.823 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 101.640% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84 | 54030 | 5.015 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 100.200% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.622 | 152 | 76819 | 5.080 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 101.600% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.249 | 50 | 1644 | 0.091 | ug/L | 100 |
| 6) Bromomethane | 1.536 | 94 | 716 | 0.069 | ug/L | 86 |
| 8) Chloroethane | 1.593 | 64 | 9826 | 0.752 | ug/L # | 56 |
| 13) Acetone | 2.220 | 43 | 6083 | 5.537 | ug/L | 48 |
| 14) Carbon disulfide | 2.304 | 76 | 14652 | 0.380 | ug/L | 99 |
| 25) Chloroform | 4.387 | 83 | 58218 | 2.031 | ug/L | 96 |
| 35) Methylcyclohexane | 6.076 | 83 | 19281 | 0.814 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 6.076 | 63 | 8937 | 0.609 | ug/L # | 84 |
| 38) Bromodichloromethane | 6.519 | 83 | 505 | 0.029 | ug/L # | 73 |
| 39) cis-1,3-Dichloropropene | 6.989 | 75 | 1310 | 0.089 | ug/L # | 74 |
| 40) 4-Methyl-2-pentanone | 7.143 | 43 | 12825 | 2.587 | ug/L # | 43 |
| 42) Toluene | 7.394 | 91 | 14354 | 0.228 | ug/L | 97 |
| 53) m,p-Xylene | 9.143 | 106 | 1982 | 0.078 | ug/L | 97 |
| 61) 1,2,3-Trichloropropane | 11.249 | 75 | 10040 | 1.697 | ug/L # | 65 |
| 68) 1,2-Dibromo-3-chloropr... | 12.246 | 75 | 231 | 0.218 | ug/L # | 1 |

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

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Misc : 25.0mL/MSVOA_V/WATER
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**Instrument :**
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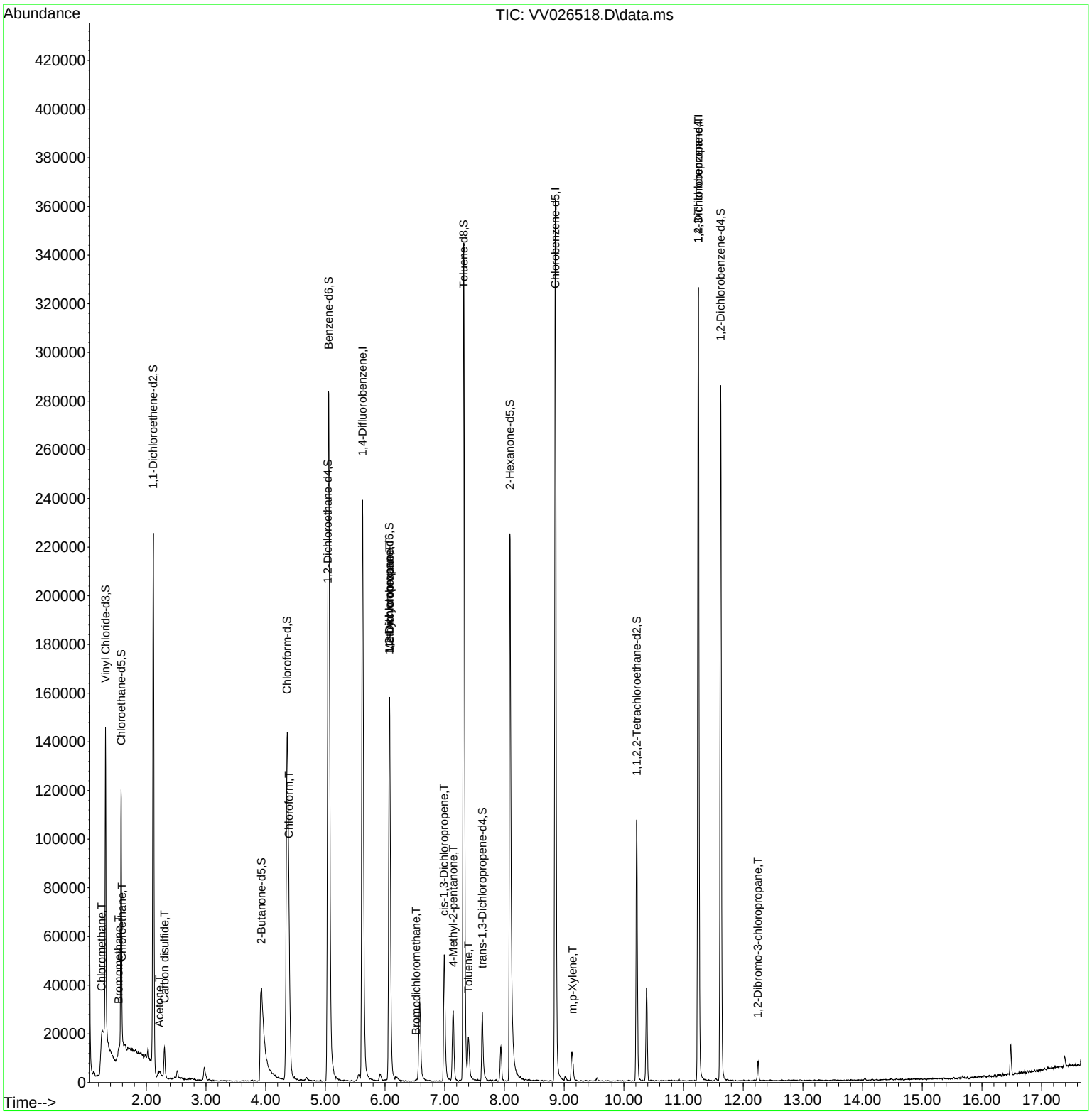
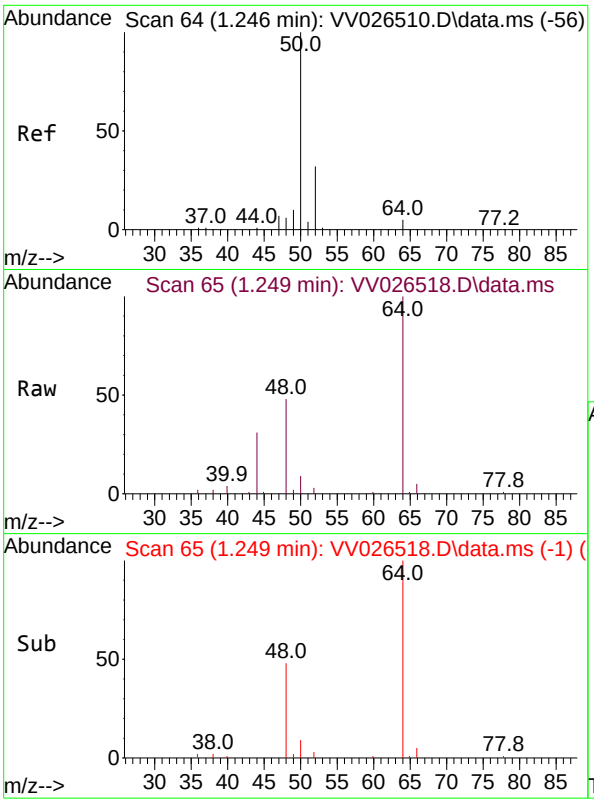
C0AL2

Quant Time: Jun 24 02:03:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 24 00:51:15 2022
Response via : Initial Calibration



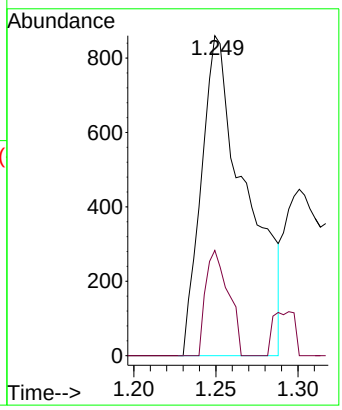


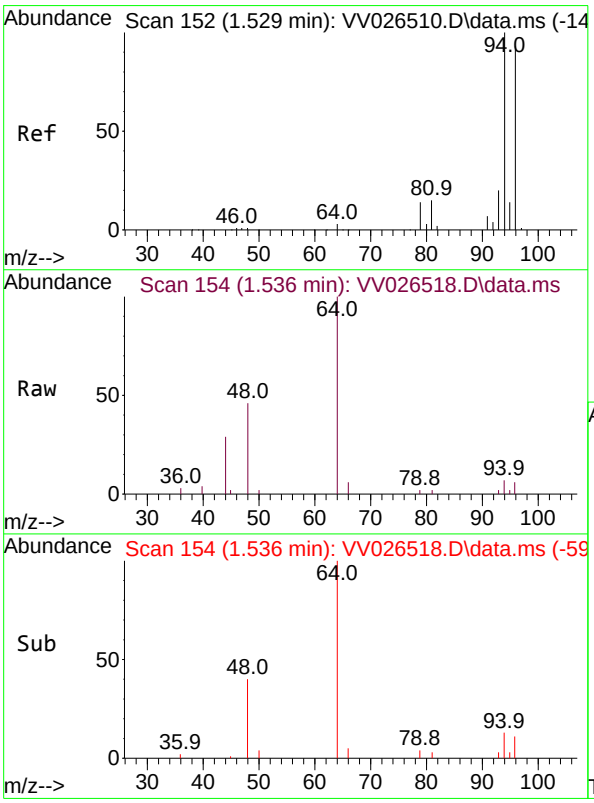

#3
Chloromethane
Concen: 0.091 ug/L
RT: 1.249 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV026518.D
Acq: 23 Jun 2022 16:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AL2

Tgt Ion: 50 Resp: 1644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.9 | 23.0 | 42.6 |

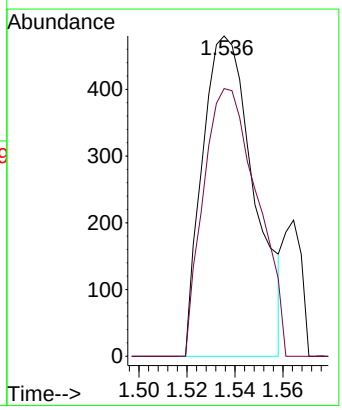


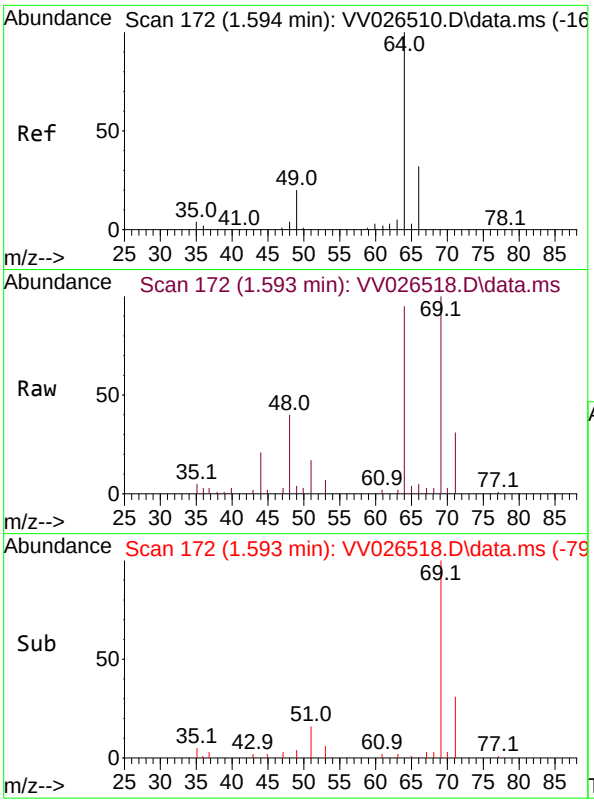




#6
Bromomethane
Concen: 0.069 ug/L
RT: 1.536 min Scan# 154
Delta R.T. 0.006 min
Lab File: VV026518.D
Acq: 23 Jun 2022 16:44

Tgt Ion: 94 Resp: 716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 83.5 | 68.0 | 126.2 |



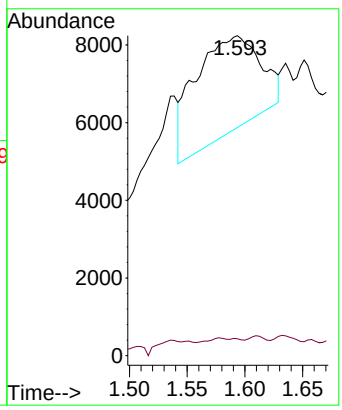


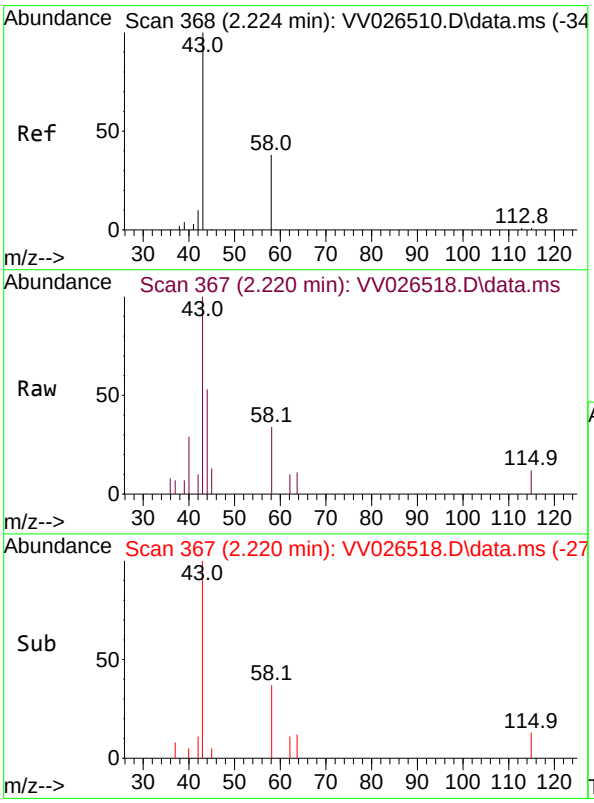

#8
Chloroethane
Concen: 0.752 ug/L
RT: 1.593 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV026518.D
Acq: 23 Jun 2022 16:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AL2

Tgt Ion: 64 Resp: 9826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 5.3 | 20.0 | 37.2# |

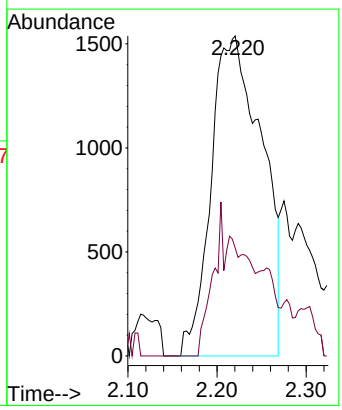


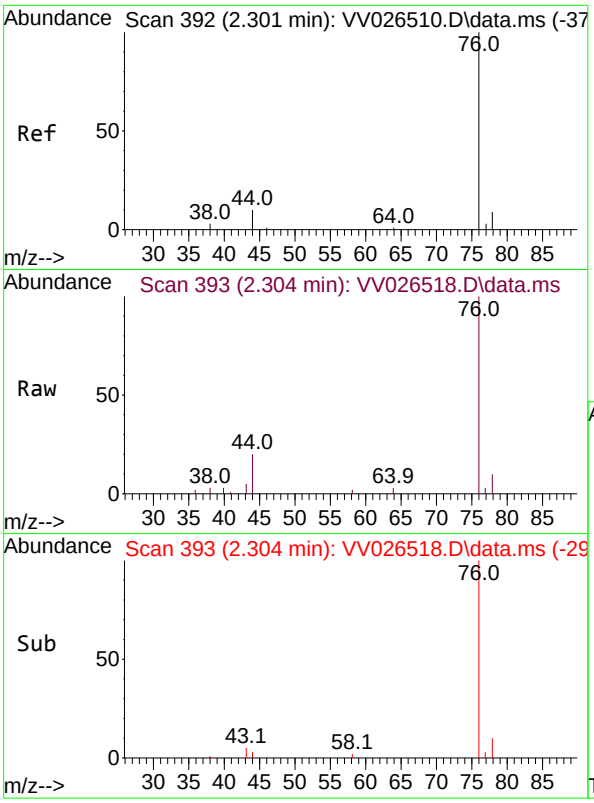




#13
Acetone
Concen: 5.537 ug/L
RT: 2.220 min Scan# 367
Delta R.T. -0.003 min
Lab File: VV026518.D
Acq: 23 Jun 2022 16:44

Tgt Ion: 43 Resp: 6083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 6.1 | 0.0 | 75.0 |



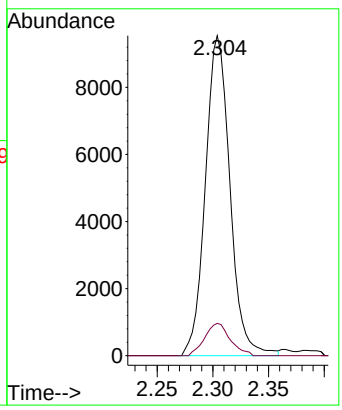


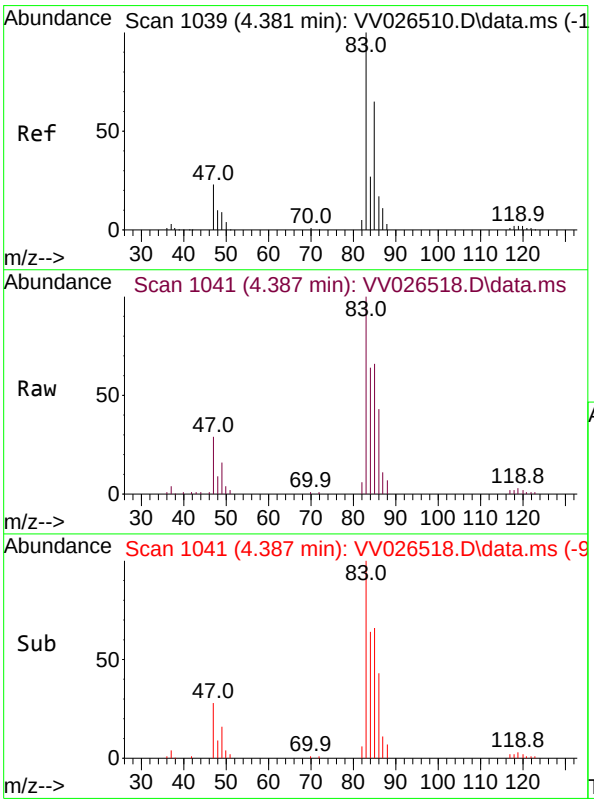

#14
Carbon disulfide
Concen: 0.380 ug/L
RT: 2.304 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV026518.D
Acq: 23 Jun 2022 16:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AL2

Tgt Ion: 76 Resp: 14652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.1 | 7.8 | 11.6 |

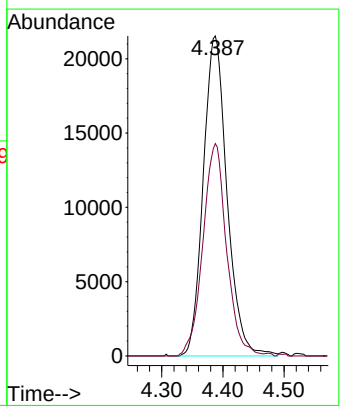


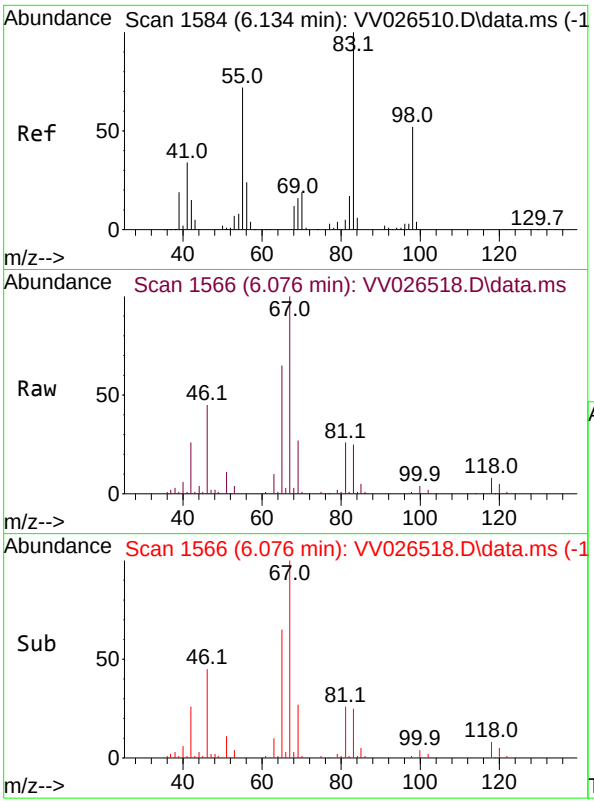




#25
Chloroform
Concen: 2.031 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VV026518.D
Acq: 23 Jun 2022 16:44

Tgt Ion: 83 Resp: 58218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.3 | 44.0 | 81.8 |



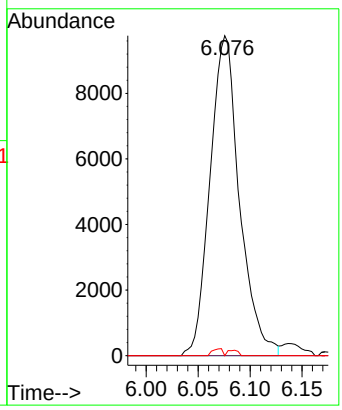


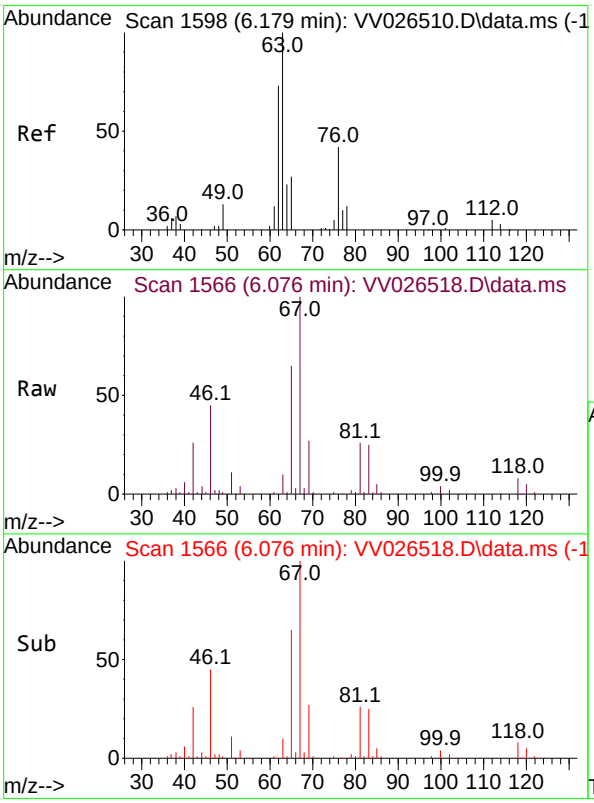

#35
Methylcyclohexane
Concen: 0.814 ug/L
RT: 6.076 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV026518.D
Acq: 23 Jun 2022 16:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AL2

Tgt Ion: 83 Resp: 19281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 57.0 | 85.4# |
| 98 | 0.7 | 39.8 | 59.8# |

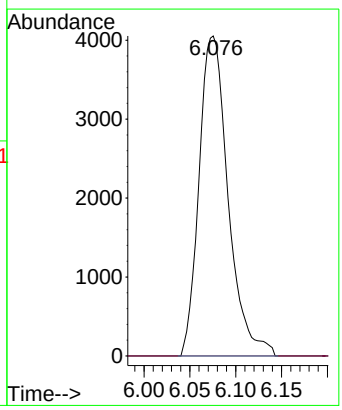


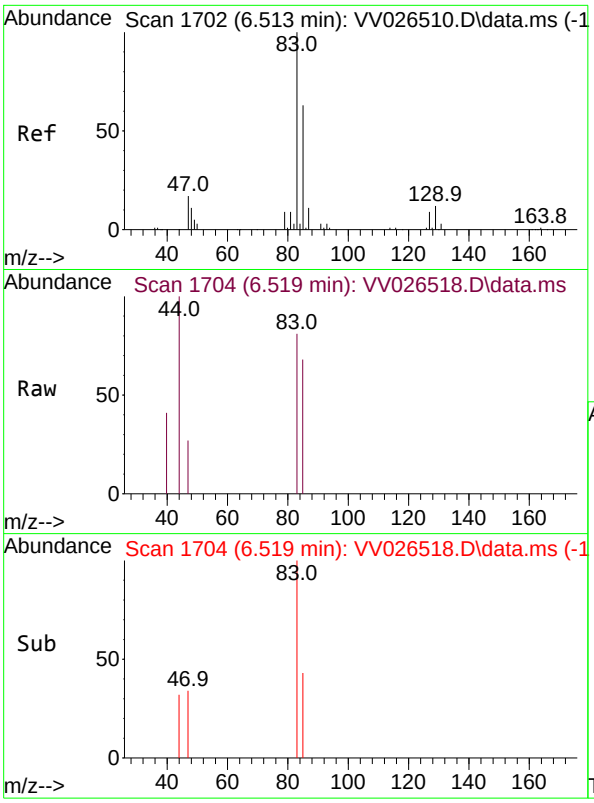




#37
1,2-Dichloropropane
Concen: 0.609 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.103 min
Lab File: VV026518.D
Acq: 23 Jun 2022 16:44

Tgt Ion: 63 Resp: 8937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 4.2 | 6.4# |



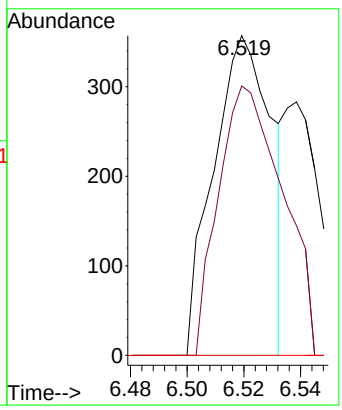


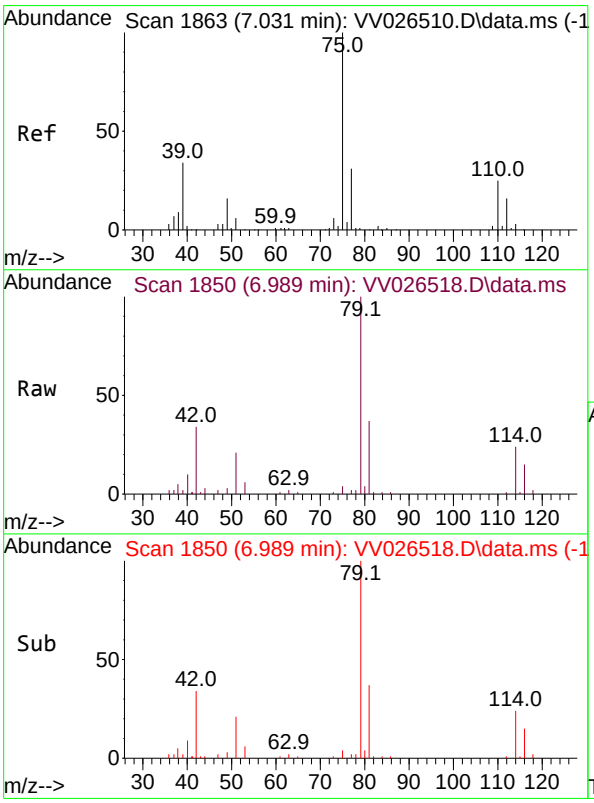

#38
Bromodichloromethane
Concen: 0.029 ug/L
RT: 6.519 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV026518.D
Acq: 23 Jun 2022 16:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AL2

Tgt Ion: 83 Resp: 505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 84.3 | 44.0 | 81.8# |
| 127 | 0.0 | 6.6 | 10.0# |

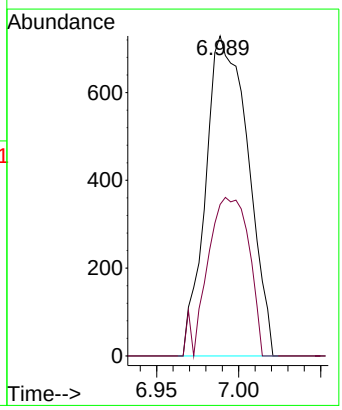


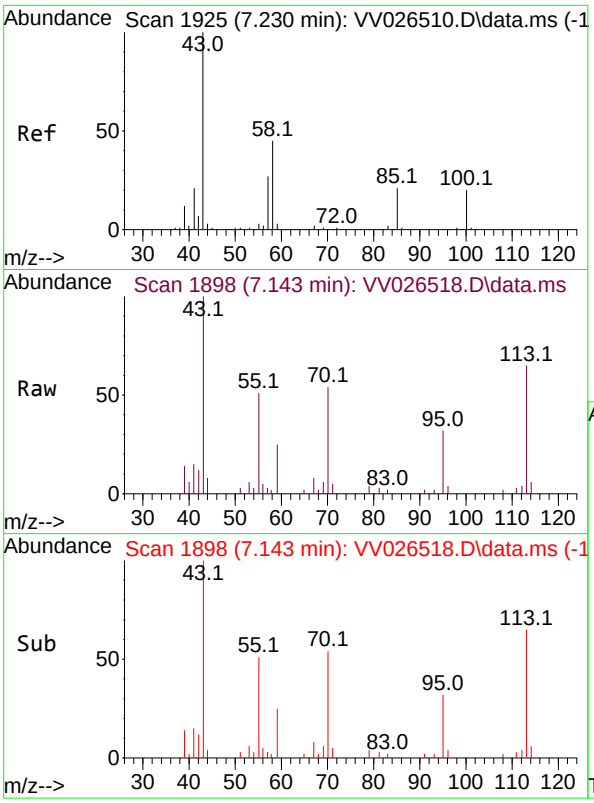




#39
cis-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.042 min
Lab File: VV026518.D
Acq: 23 Jun 2022 16:44

Tgt Ion: 75 Resp: 1310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 47.3 | 22.8 | 42.4# |



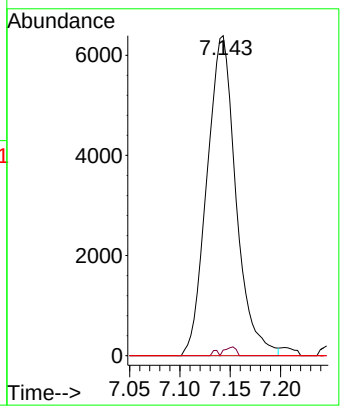


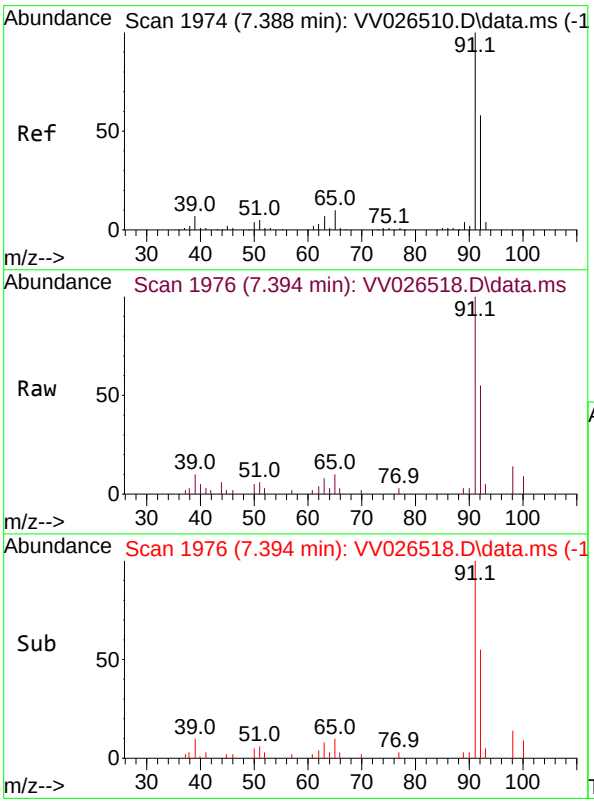

#40
4-Methyl-2-pentanone
Concen: 2.587 ug/L
RT: 7.143 min Scan# 1
Delta R.T. -0.087 min
Lab File: VV026518.D
Acq: 23 Jun 2022 16:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AL2

Tgt Ion: 43 Resp: 12825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 1.0 | 33.3 | 49.9# |
| 100 | 0.0 | 14.3 | 21.5# |

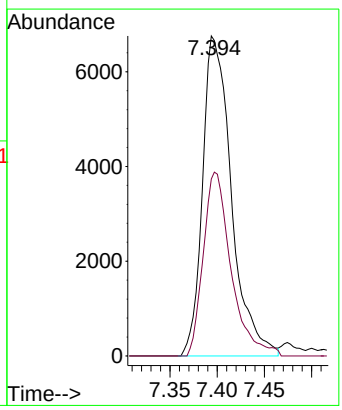


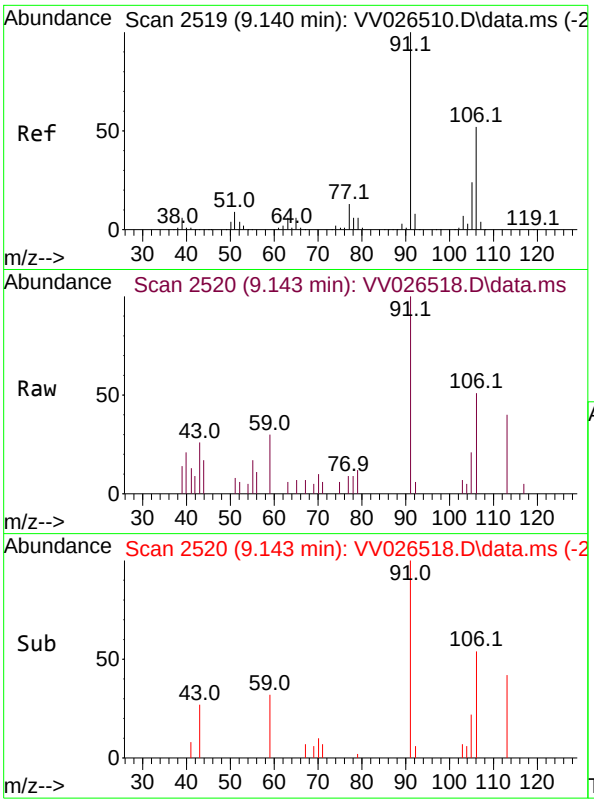




#42
Toluene
Concen: 0.228 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VV026518.D
Acq: 23 Jun 2022 16:44

Tgt Ion: 91 Resp: 14354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 55.3 | 40.3 | 74.9 |



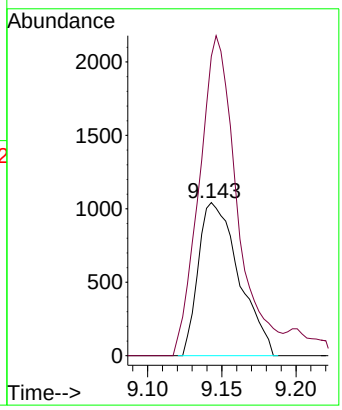


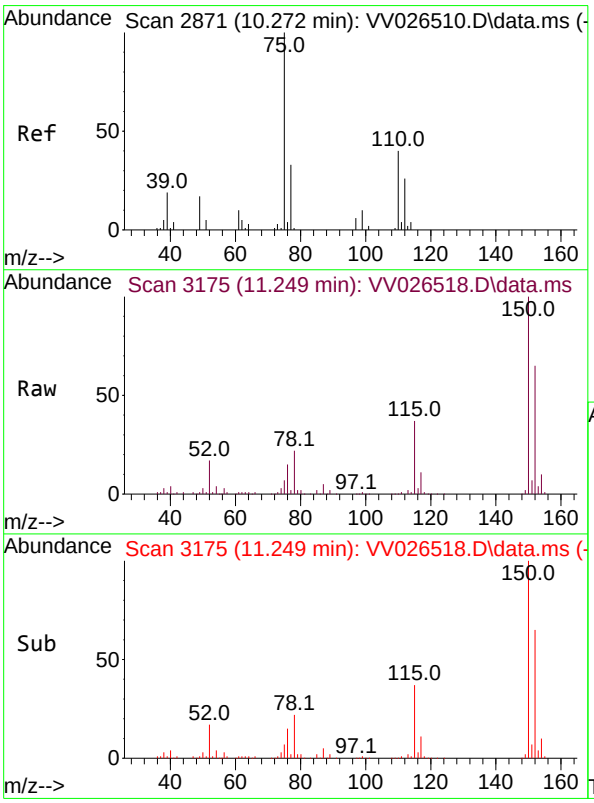

#53
m,p-Xylene
Concen: 0.078 ug/L
RT: 9.143 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV026518.D
Acq: 23 Jun 2022 16:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AL2

Tgt Ion:106 Resp: 1982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 195.4 | 139.9 | 259.9 |

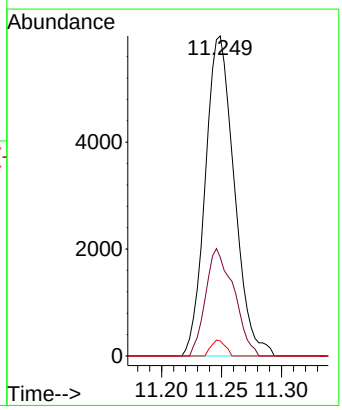


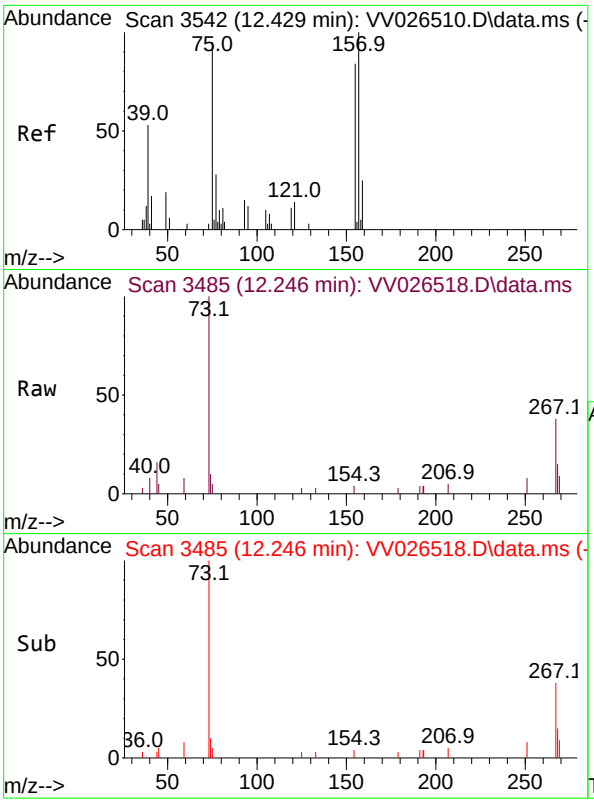




#61
1,2,3-Trichloropropane
Concen: 1.697 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV026518.D
Acq: 23 Jun 2022 16:44

Tgt Ion: 75 Resp: 10040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.8 | 25.8 | 38.6 |
| 110 | 2.4 | 32.5 | 48.7# |






#68
1,2-Dibromo-3-chloropropane
Concen: 0.218 ug/L
RT: 12.246 min Scan# 3
Delta R.T. -0.183 min
Lab File: VV026518.D
Acq: 23 Jun 2022 16:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AL2

Tgt Ion: 75 Resp: 231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 74.7 | 112.1# |
| 157 | 0.0 | 96.9 | 145.3# |