Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070122\
Data File : VV026621.D
Acq On : 01 Jul 2022 11:29
Operator : SY/MD
Sample : N3553-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AM9

Quant Time: Jul 04 02:03:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jul 04 02:01:03 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 5.625 | 114 | 212024 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.853 | 117 | 200900 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.249 | 152 | 85437 | 5.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.320 | 65 | 62744 | 3.680 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 73.600% | | | |
| 7) Chloroethane-d5 | 1.580 | 69 | 58287 | 4.255 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 85.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.121 | 63 | 88916 | 2.935 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 58.600%# | | | |
| 20) 2-Butanone-d5 | 3.921 | 46 | 106082 | 62.577 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 125.160% | | | |
| 24) Chloroform-d | 4.362 | 84 | 135119 | 4.848 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.000% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.043 | 65 | 54065 | 5.036 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 100.800% | | | |
| 32) Benzene-d6 | 5.059 | 84 | 249043 | 4.316 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 86.400% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.075 | 67 | 76582 | 4.826 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 96.600% | | | |
| 41) Toluene-d8 | 7.320 | 98 | 196240 | 3.782 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 75.600% | | | |
| 43) trans-1,3-Dichloroprop... | 7.628 | 79 | 19495 | 4.753 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 95.000% | | | |
| 46) 2-Hexanone-d5 | 8.091 | 63 | 83313 | 53.327 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 106.660% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84 | 52968 | 5.102 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 102.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.622 | 152 | 70394 | 4.979 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 99.600% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.252 | 50 | 1086 | 0.062 | ug/L | 88 |
| 6) Bromomethane | 1.542 | 94 | 587 | 0.058 | ug/L | 87 |
| 8) Chloroethane | 1.600 | 64 | 4416 | 0.345 | ug/L # | 58 |
| 14) Carbon disulfide | 2.304 | 76 | 15122 | 0.400 | ug/L | 96 |
| 16) Methylene chloride | 2.519 | 84 | 5767 | 0.379 | ug/L | 94 |
| 17) Methyl tert-butyl Ether | 2.786 | 73 | 981 | 0.042 | ug/L # | 75 |
| 21) 2-Butanone | 4.098 | 43 | 101223 | 62.565 | ug/L # | 48 |
| 25) Chloroform | 4.387 | 83 | 124677 | 4.442 | ug/L | 96 |
| 35) Methylcyclohexane | 6.075 | 83 | 18843 | 0.826 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 6.079 | 63 | 8004 | 0.566 | ug/L # | 84 |
| 39) cis-1,3-Dichloropropene | 6.992 | 75 | 1433 | 0.101 | ug/L # | 76 |
| 44) trans-1,3-Dichloropropene | 7.638 | 75 | 867 | 0.082 | ug/L # | 73 |
| 53) m,p-Xylene | 9.156 | 106 | 866 | 0.035 | ug/L | 62 |
| 61) 1,2,3-Trichloropropane | 11.249 | 75 | 10016 | 1.811 | ug/L # | 64 |
| 71) Naphthalene | 13.506 | 128 | 1214 | 0.072 | ug/L # | 72 |

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

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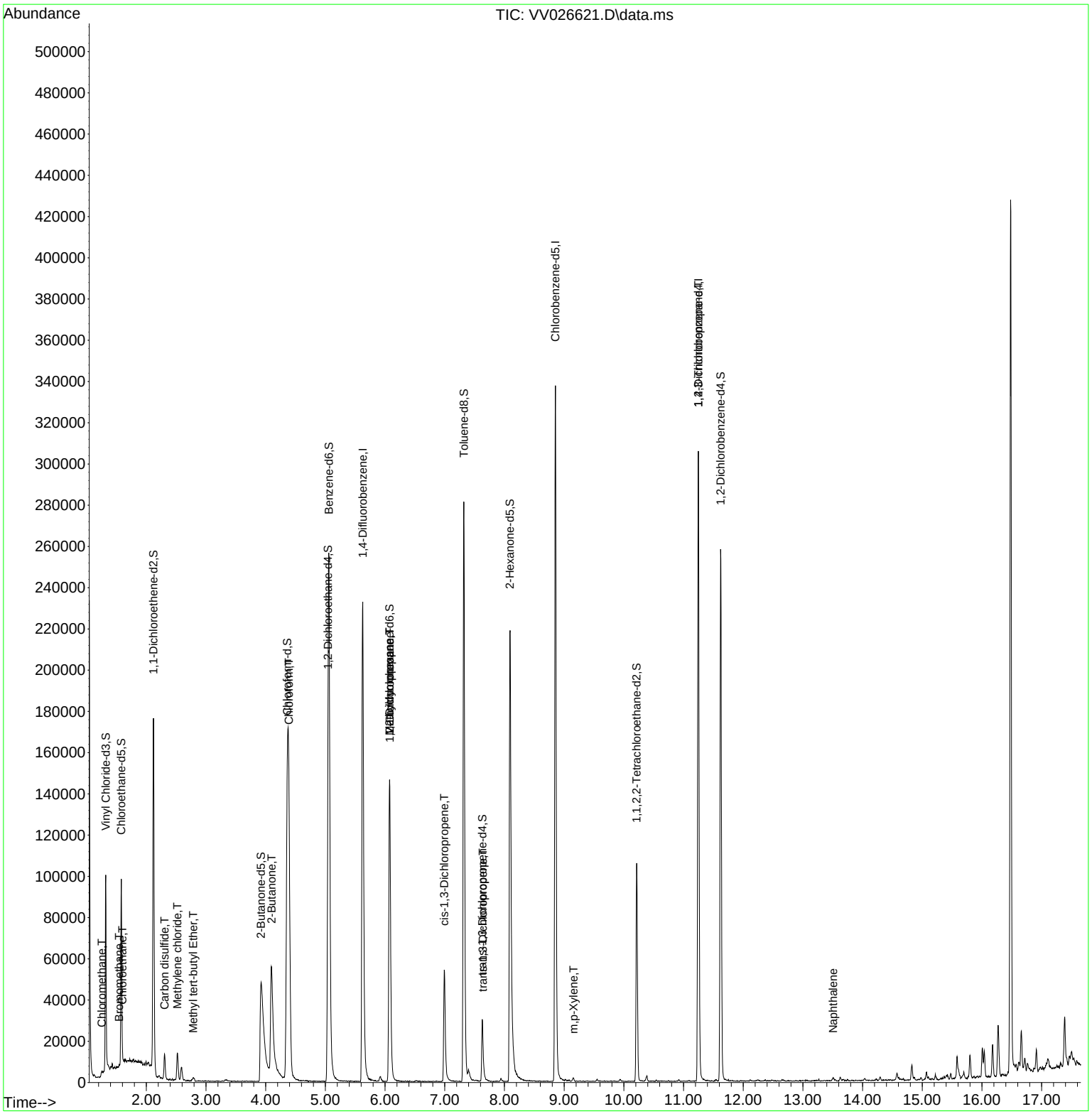
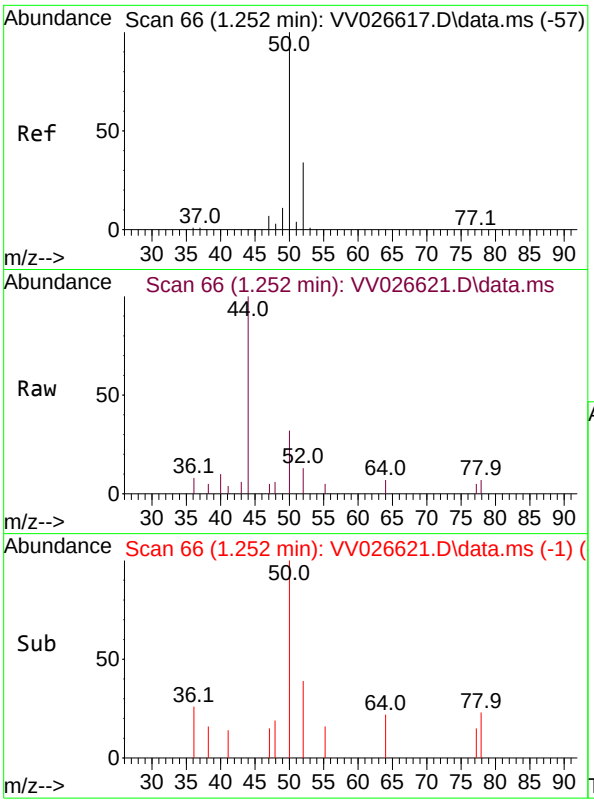
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AM9

Quant Time: Jul 04 02:03:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jul 04 02:01:03 2022
Response via : Initial Calibration



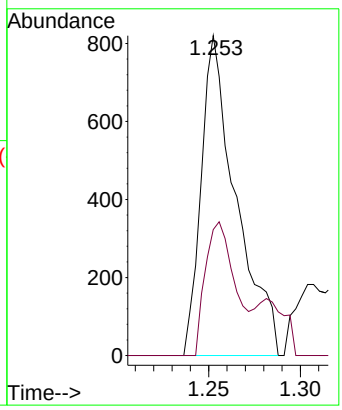


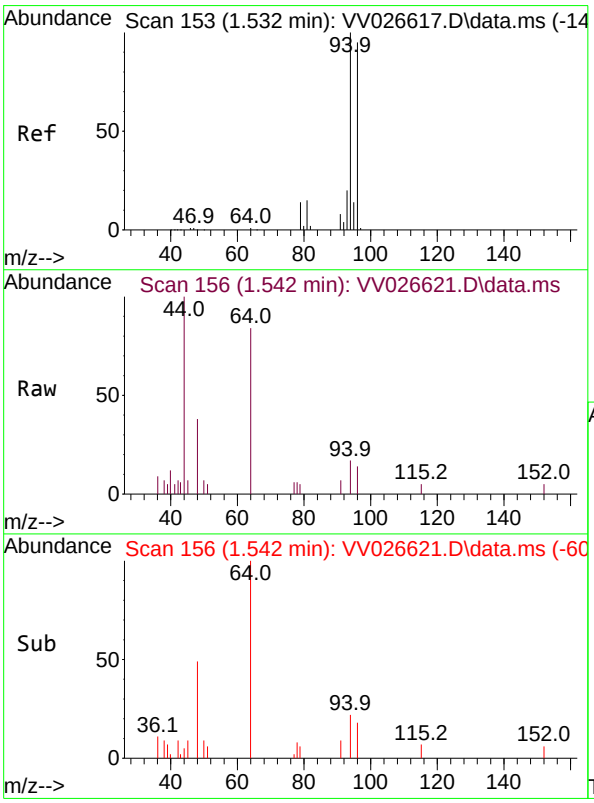

#3
Chloromethane
Concen: 0.062 ug/L
RT: 1.252 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV026621.D
Acq: 01 Jul 2022 11:29

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AM9

Tgt Ion: 50 Resp: 1086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 39.4 | 23.0 | 42.6 |

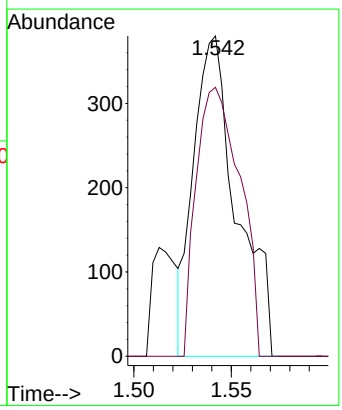


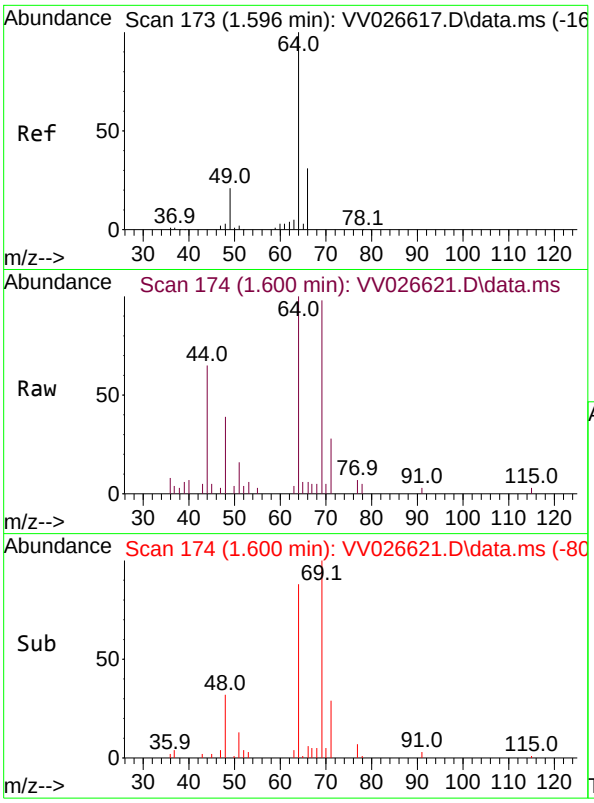




#6
Bromomethane
Concen: 0.058 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.010 min
Lab File: VV026621.D
Acq: 01 Jul 2022 11:29

Tgt Ion: 94 Resp: 587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 83.9 | 68.0 | 126.2 |



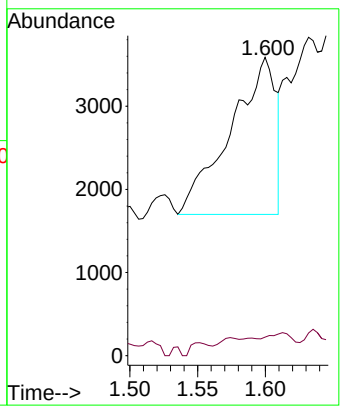


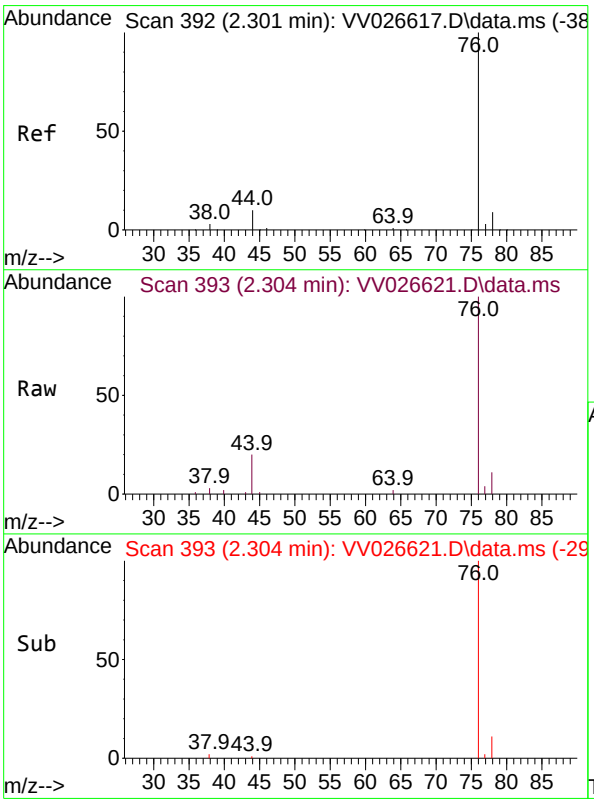

#8
Chloroethane
Concen: 0.345 ug/L
RT: 1.600 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV026621.D
Acq: 01 Jul 2022 11:29

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AM9

Tgt Ion: 64 Resp: 4416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 6.2 | 20.0 | 37.2# |

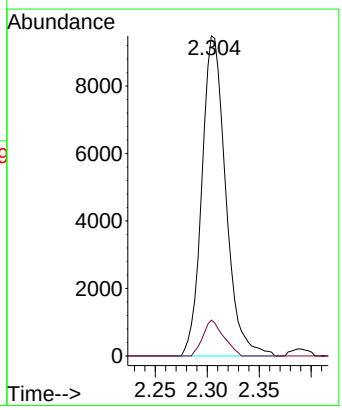


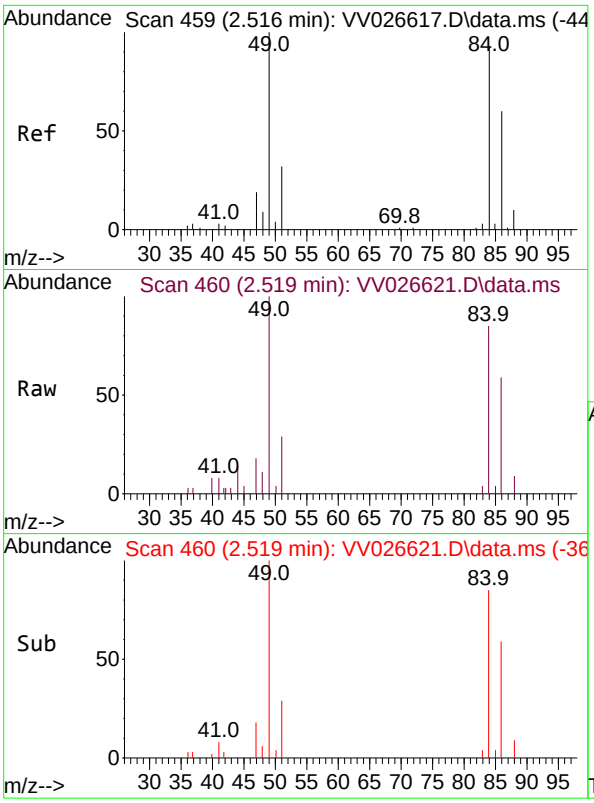




#14
Carbon disulfide
Concen: 0.400 ug/L
RT: 2.304 min Scan# 393
Delta R.T. 0.003 min
Lab File: VV026621.D
Acq: 01 Jul 2022 11:29

Tgt Ion: 76 Resp: 15122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 11.2 | 7.8 | 11.6 |



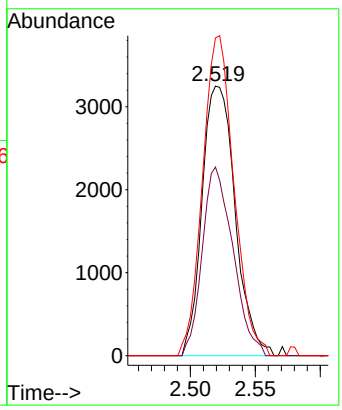


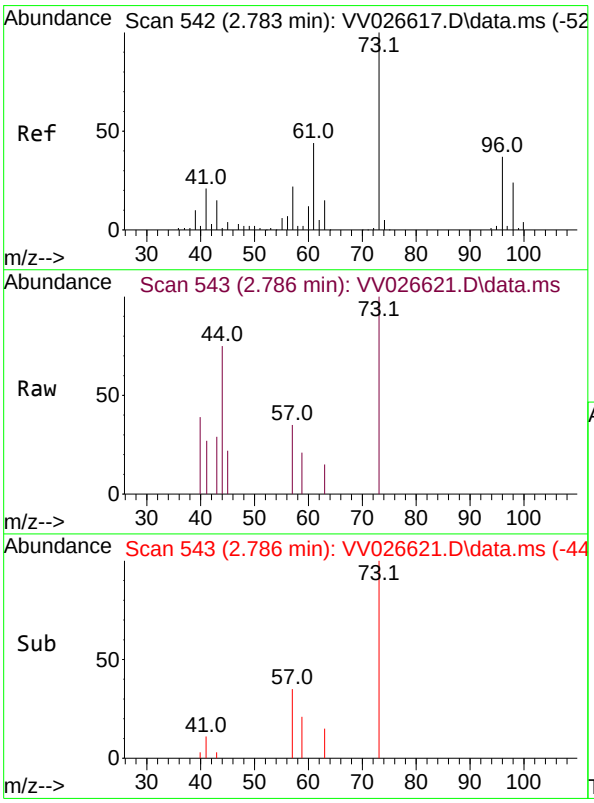

#16
Methylene chloride
Concen: 0.379 ug/L
RT: 2.519 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV026621.D
Acq: 01 Jul 2022 11:29

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AM9

Tgt Ion: 84 Resp: 5767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 69.9 | 46.0 | 85.4 |
| 49 | 117.8 | 77.7 | 144.3 |

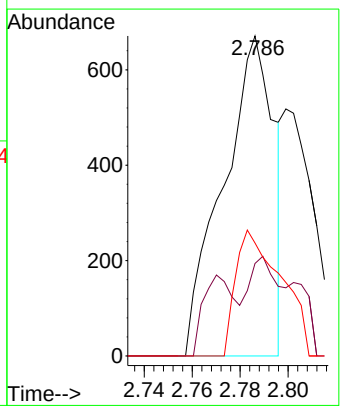


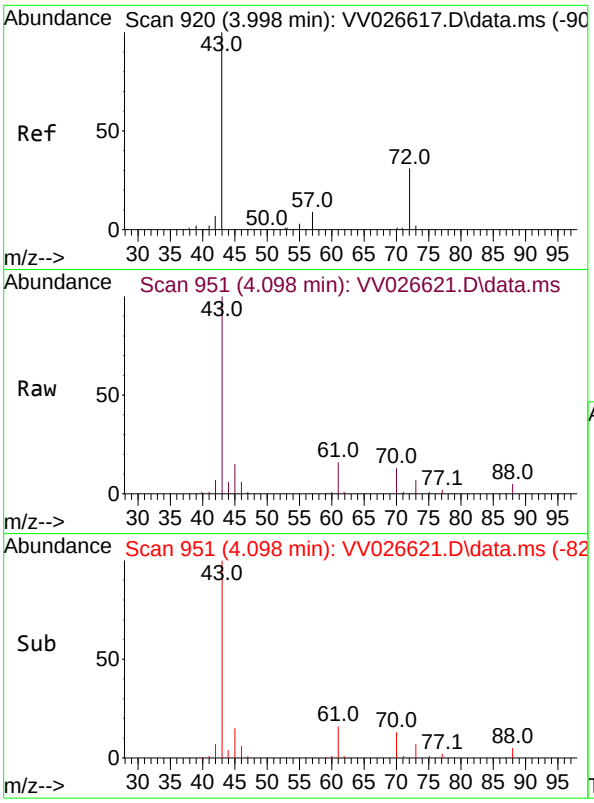




#17
Methyl tert-butyl Ether
Concen: 0.042 ug/L
RT: 2.786 min Scan# 543
Delta R.T. 0.003 min
Lab File: VV026621.D
Acq: 01 Jul 2022 11:29

Tgt Ion: 73 Resp: 981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 8.9 | 13.3 | 19.9# |
| 57 | 35.5 | 17.2 | 25.8# |



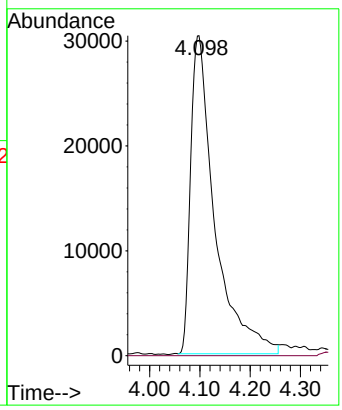


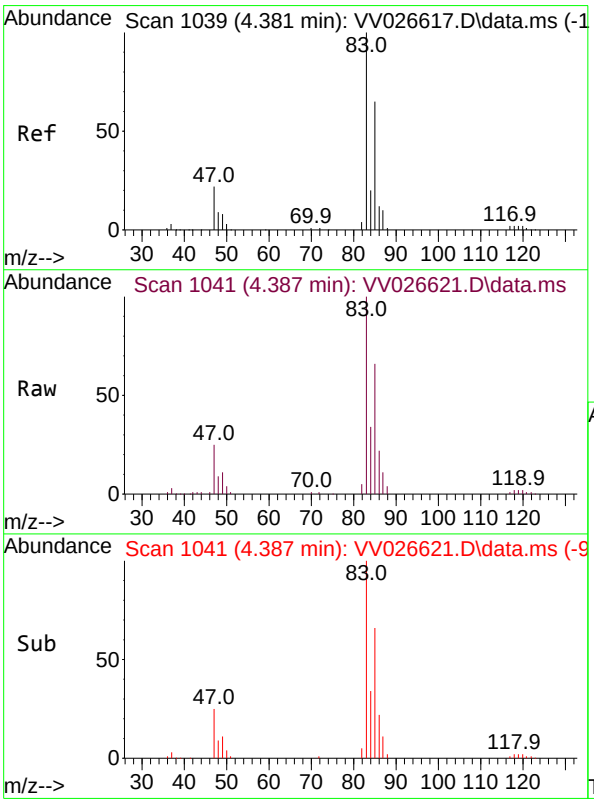

#21
2-Butanone
Concen: 62.565 ug/L
RT: 4.098 min Scan# 9
Delta R.T. 0.100 min
Lab File: VV026621.D
Acq: 01 Jul 2022 11:29

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AM9

Tgt Ion: 43 Resp: 101223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 13.5 | 40.5# |

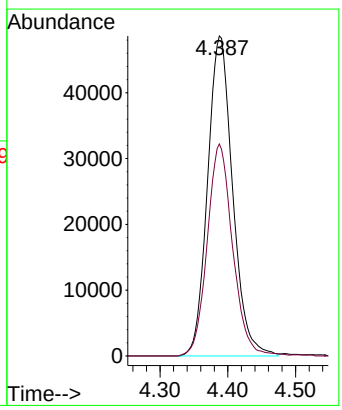


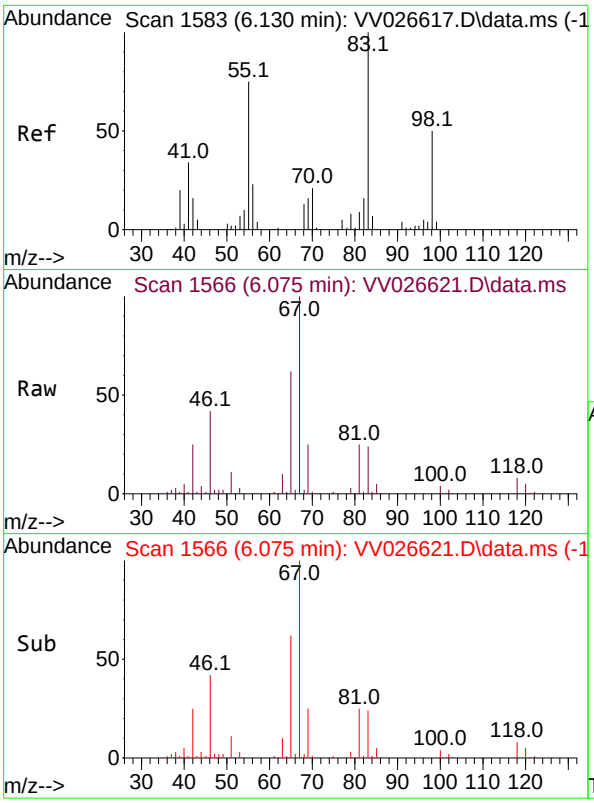




#25
Chloroform
Concen: 4.442 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VV026621.D
Acq: 01 Jul 2022 11:29

Tgt Ion: 83 Resp: 124677

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



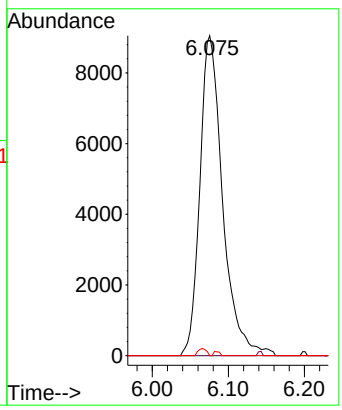


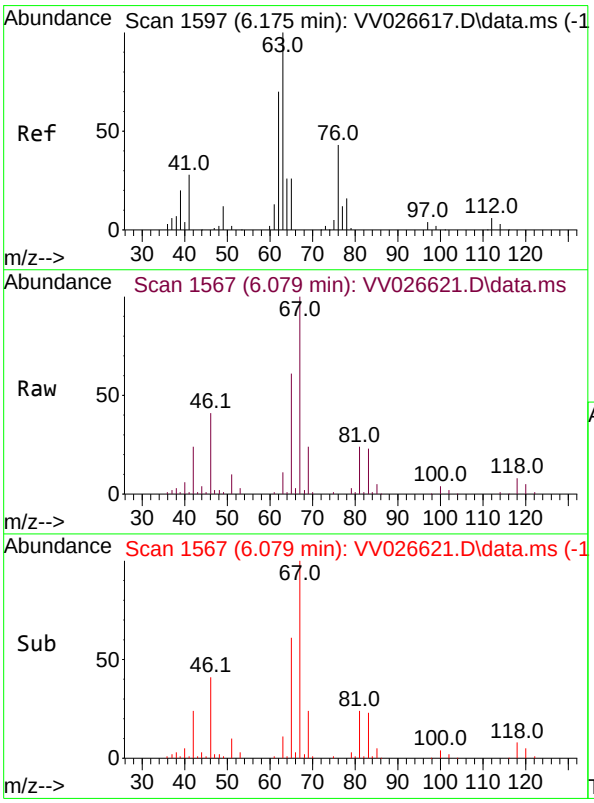

#35
Methylcyclohexane
Concen: 0.826 ug/L
RT: 6.075 min Scan# 1
Delta R.T. -0.055 min
Lab File: VV026621.D
Acq: 01 Jul 2022 11:29

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AM9

Tgt Ion: 83 Resp: 18843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.2 | 57.0 | 85.4# |
| 98 | 0.3 | 39.8 | 59.8# |

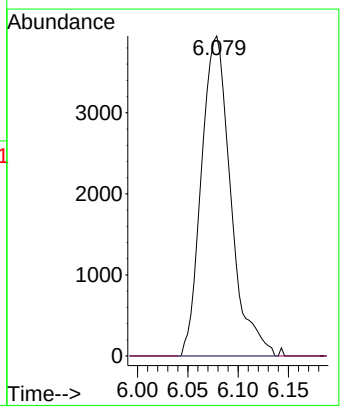


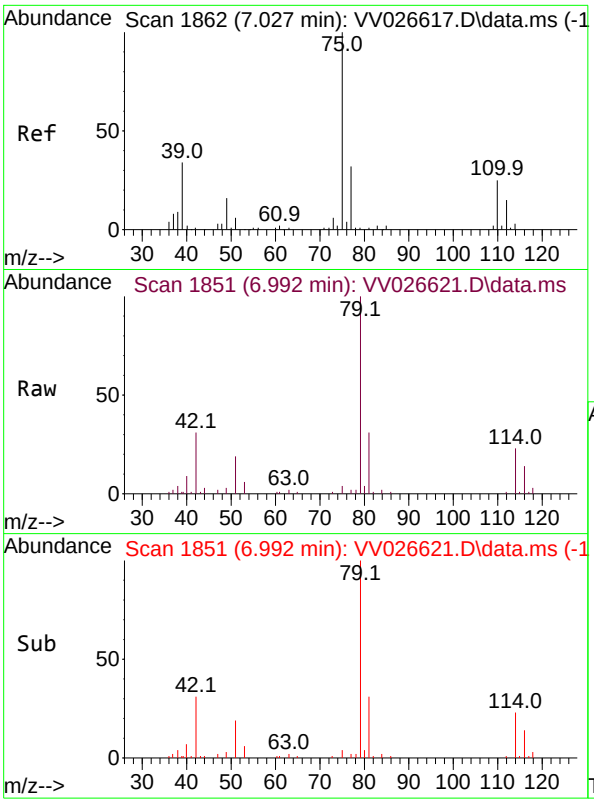




#37
1,2-Dichloropropane
Concen: 0.566 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.096 min
Lab File: VV026621.D
Acq: 01 Jul 2022 11:29

Tgt Ion: 63 Resp: 8004

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



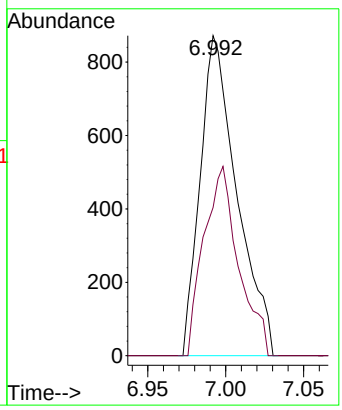


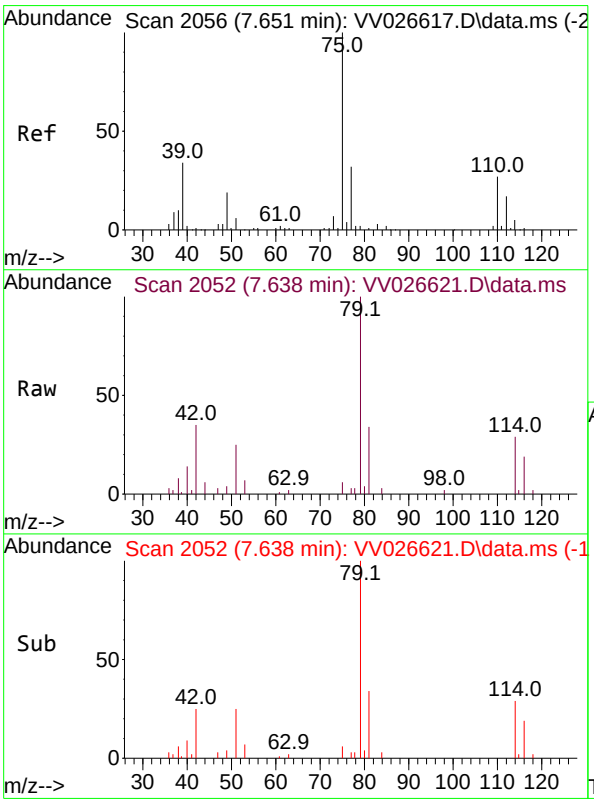

#39
cis-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 6.992 min Scan# 1
Delta R.T. -0.035 min
Lab File: VV026621.D
Acq: 01 Jul 2022 11:29

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AM9

Tgt Ion: 75 Resp: 1433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 46.3 | 22.8 | 42.4# |

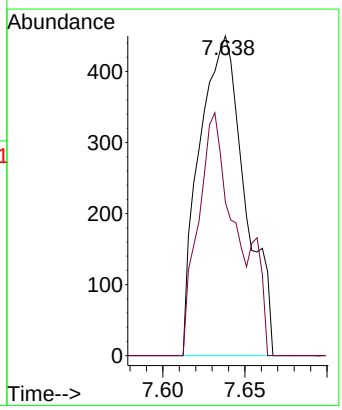


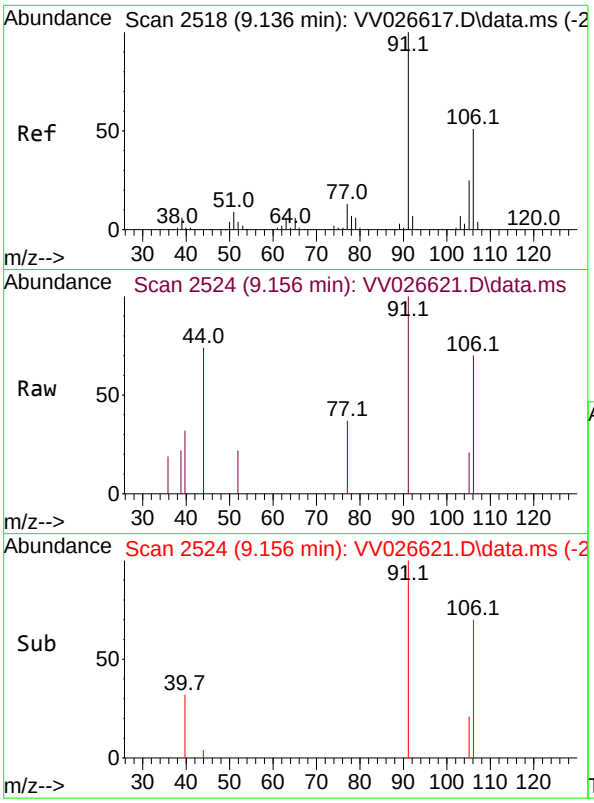




#44
trans-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.638 min Scan# 2052
Delta R.T. -0.013 min
Lab File: VV026621.D
Acq: 01 Jul 2022 11:29

Tgt Ion: 75 Resp: 867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 48.0 | 23.1 | 42.9# |



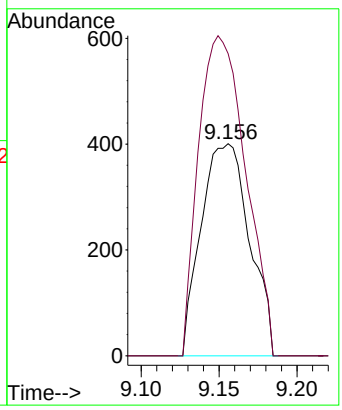


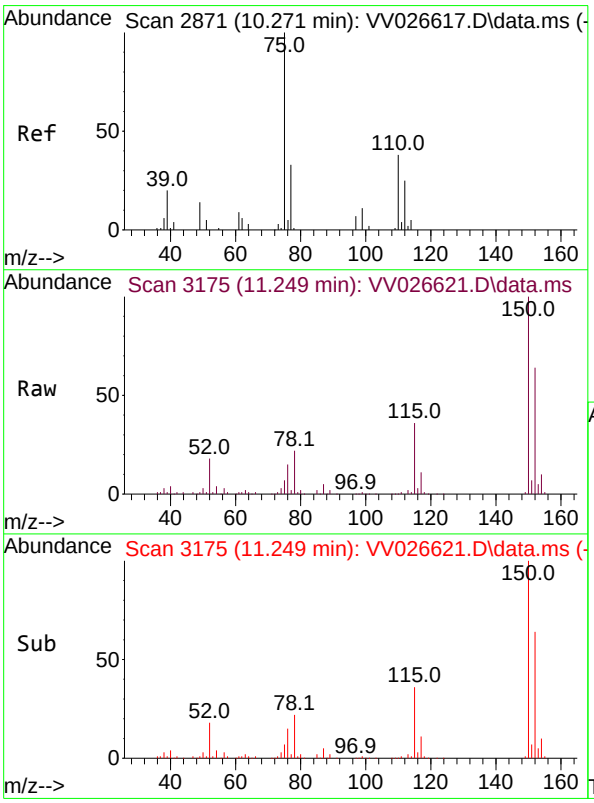

#53
m,p-Xylene
Concen: 0.035 ug/L
RT: 9.156 min Scan# 2
Delta R.T. 0.019 min
Lab File: VV026621.D
Acq: 01 Jul 2022 11:29

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AM9

Tgt Ion:106 Resp: 866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 142.4 | 139.9 | 259.9 |

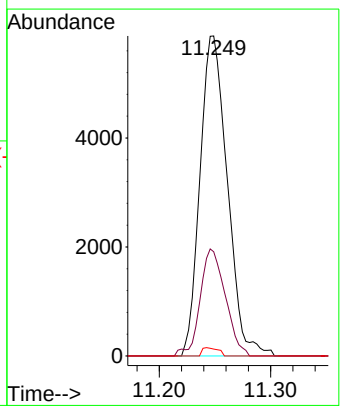


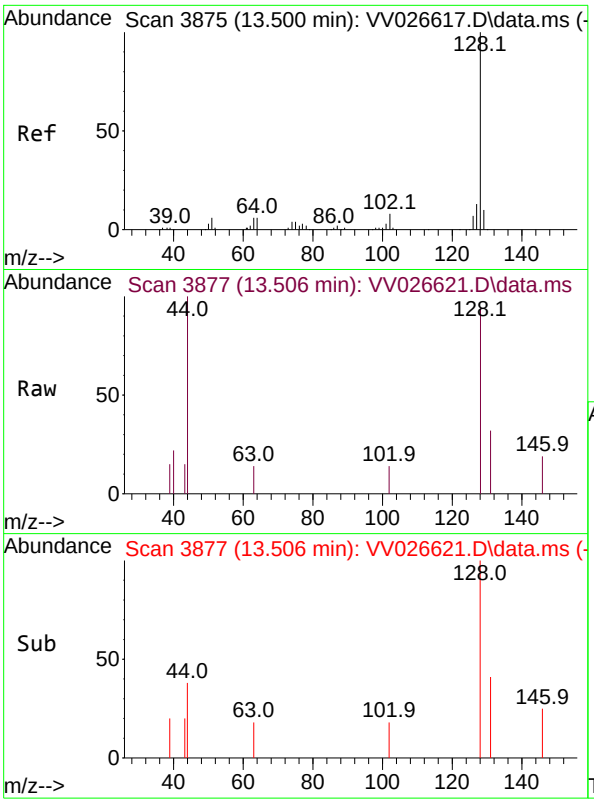




#61
1,2,3-Trichloropropane
Concen: 1.811 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV026621.D
Acq: 01 Jul 2022 11:29

Tgt Ion: 75 Resp: 10016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.8 | 25.8 | 38.6 |
| 110 | 1.5 | 32.5 | 48.7# |






#71
Naphthalene
Concen: 0.072 ug/L
RT: 13.506 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV026621.D
Acq: 01 Jul 2022 11:29

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AM9

Tgt Ion:128 Resp: 1214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 0.0 | 8.6 | 12.8# |
| 127 | 1.6 | 10.2 | 15.4# |