Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
Data File : VV029108.D
Acq On : 18 Nov 2022 11:11
Operator : SY/MD
Sample : N5628-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Nov 18 23:33:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.612 | 114 | 314642 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.847 | 117 | 287625 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.242 | 152 | 131482 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.304 | 65 | 119947 | 6.253 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 125.000% | | | |
| 7) Chloroethane-d5 | 1.564 | 69 | 92811 | 5.504 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 110.000% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.105 | 63 | 155336 | 4.444 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 88.800% | | | |
| 20) 2-Butanone-d5 | 3.915 | 46 | 81180 | 25.282 | ug/L | 0.01 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 50.560% | | | |
| 24) Chloroform-d | 4.342 | 84 | 191483 | 4.862 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.200% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.030 | 65 | 90847 | 5.127 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 102.600% | | | |
| 32) Benzene-d6 | 5.047 | 84 | 425353 | 4.954 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 99.000% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.066 | 67 | 122023 | 5.090 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 101.800% | | | |
| 41) Toluene-d8 | 7.310 | 98 | 376522 | 4.872 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 97.400% | | | |
| 43) trans-1,3-Dichloroprop... | 7.622 | 79 | 36310 | 4.644 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 92.800% | | | |
| 46) 2-Hexanone-d5 | 8.091 | 63 | 143402 | 42.968 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 85.940% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.210 | 84 | 80412 | 4.838 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 96.800% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.615 | 152 | 119709 | 5.089 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 101.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 6) Bromomethane | 1.519 | 94 | 1051 | 0.071 | ug/L | 77 |
| 8) Chloroethane | 1.503 | 64 | 43514 | 2.982 | ug/L # | 55 |
| 16) Methylene chloride | 2.506 | 84 | 8192 | 0.333 | ug/L | 98 |
| 25) Chloroform | 4.368 | 83 | 6312 | 0.167 | ug/L | 80 |
| 27) 1,2-Dichloroethane | 5.047 | 62 | 2218 | 0.114 | ug/L # | 70 |
| 35) Methylcyclohexane | 6.066 | 83 | 29300 | 0.741 | ug/L # | 21 |
| 37) 1,2-Dichloropropane | 6.066 | 63 | 12484 | 0.616 | ug/L # | 85 |
| 39) cis-1,3-Dichloropropene | 6.985 | 75 | 2599 | 0.092 | ug/L # | 68 |
| 61) 1,2,3-Trichloropropane | 11.239 | 75 | 14540 | 1.618 | ug/L # | 64 |

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

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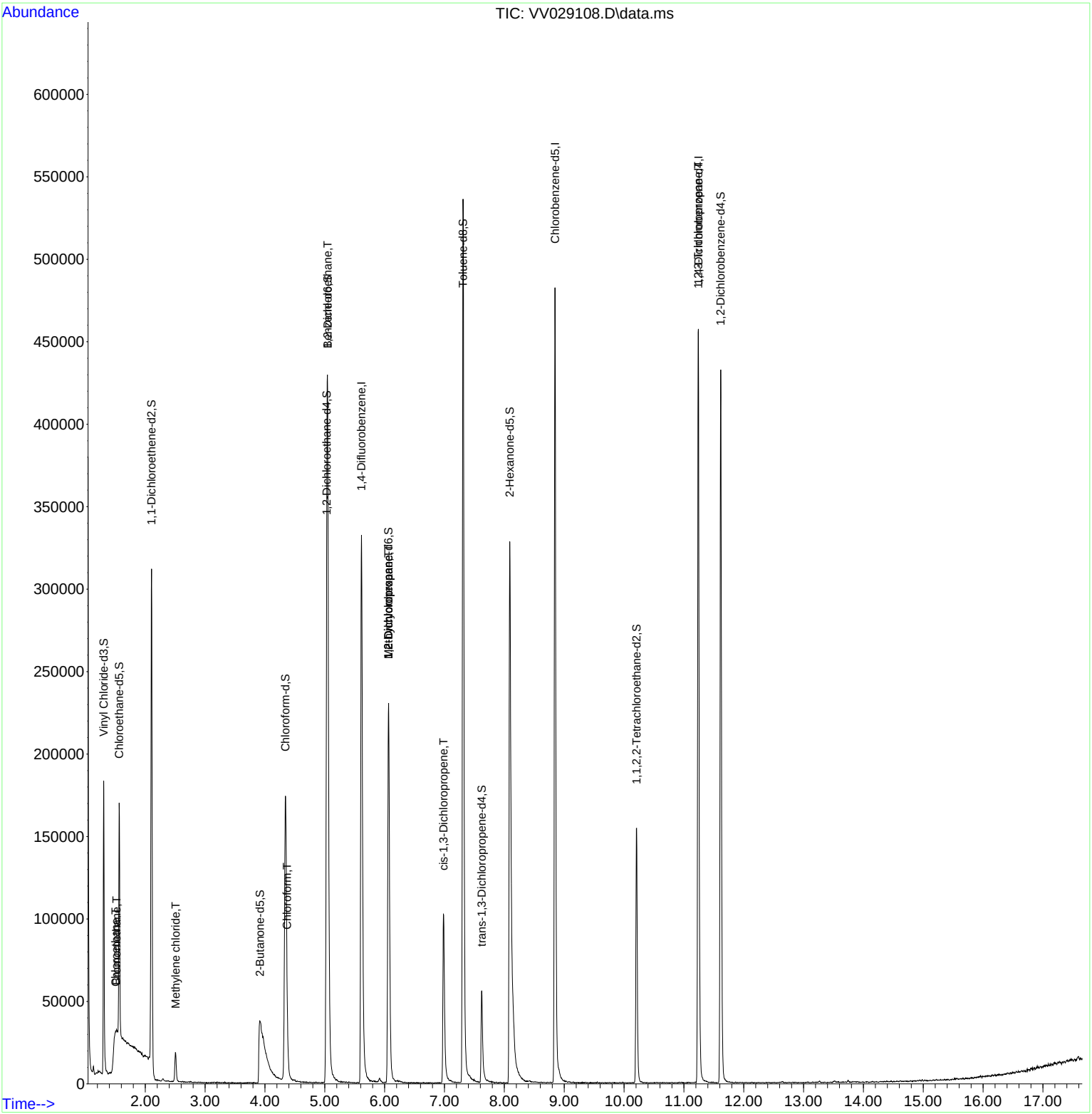
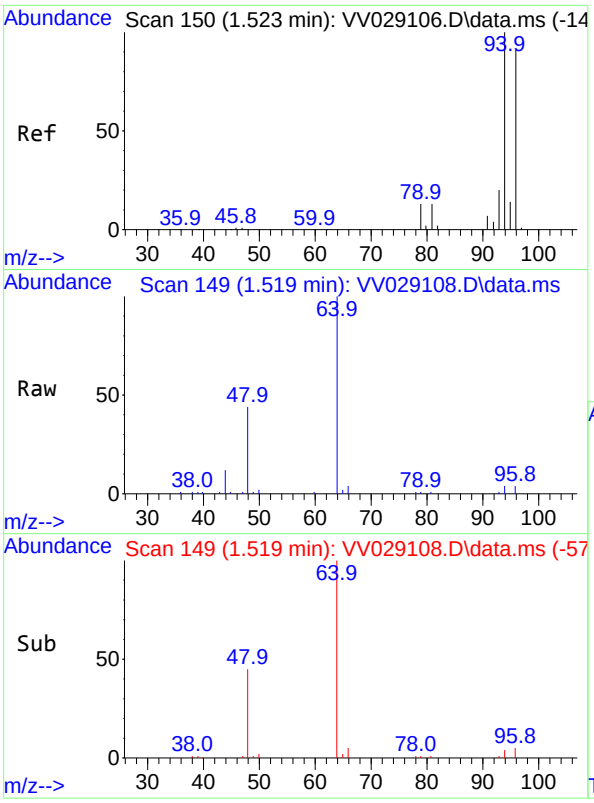
MSVOA_V
**ClientSampleId :**

Quant Time: Nov 18 23:33:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration



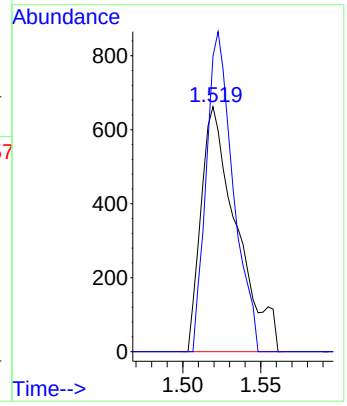


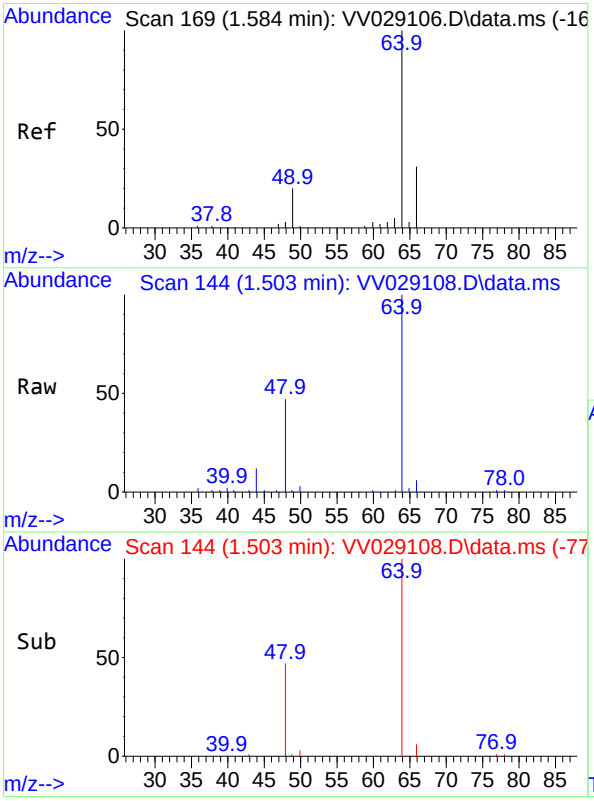

#6
Bromomethane
Concen: 0.071 ug/L
RT: 1.519 min Scan# 14
Delta R.T. -0.003 min
Lab File: VV029108.D
Acq: 18 Nov 2022 11:11

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

Tgt Ion: 94 Resp: 1051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 120.5 | 68.5 | 127.3 |

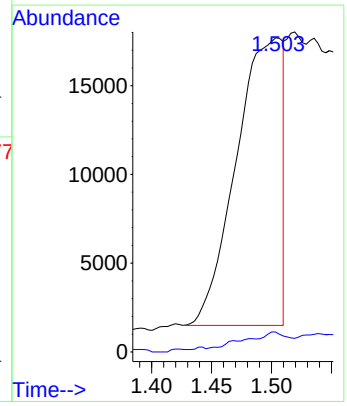


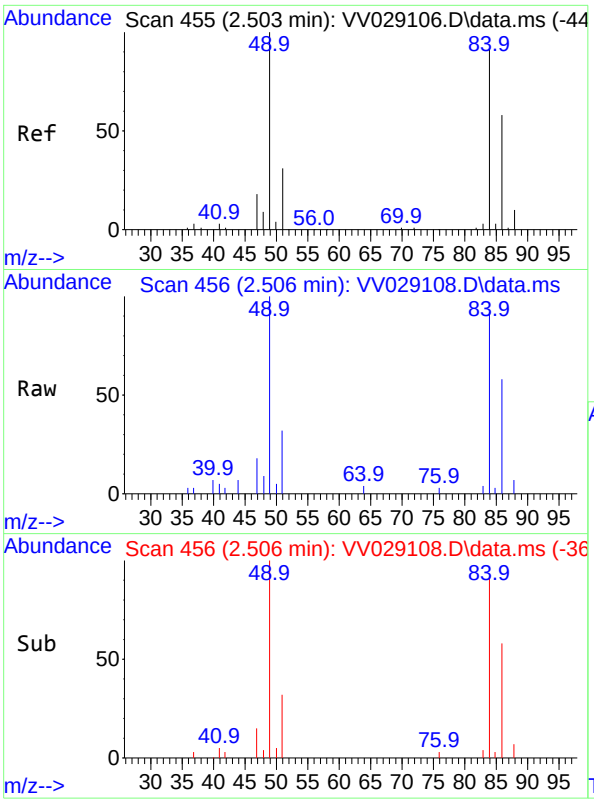




#8
Chloroethane
Concen: 2.982 ug/L
RT: 1.503 min Scan# 144
Delta R.T. -0.084 min
Lab File: VV029108.D
Acq: 18 Nov 2022 11:11

Tgt Ion: 64 Resp: 43514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 6.4 | 22.0 | 40.8# |



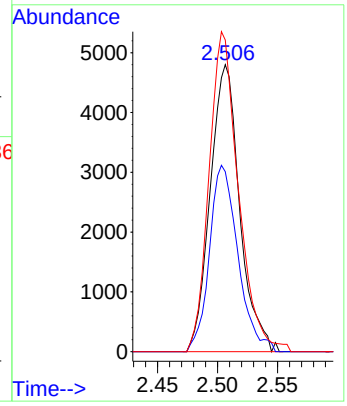


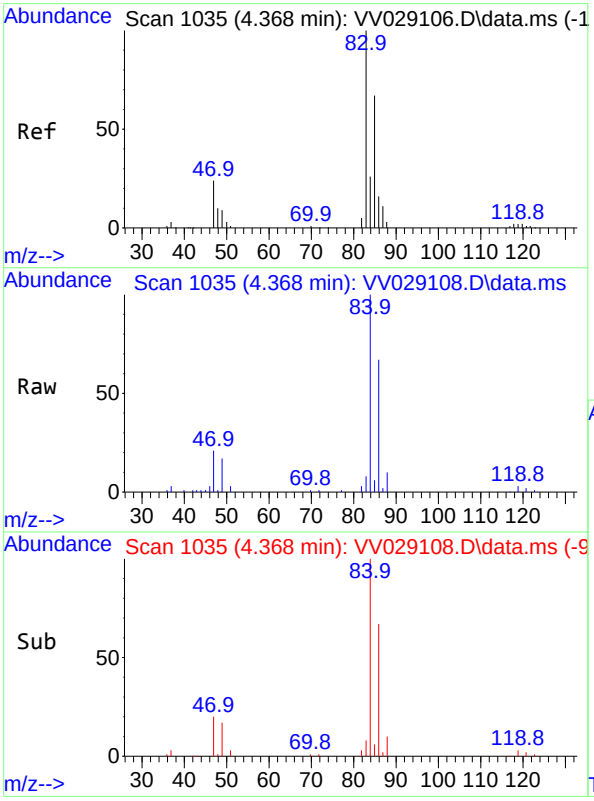

#16
Methylene chloride
Concen: 0.333 ug/L
RT: 2.506 min Scan# 4
Delta R.T. -0.000 min
Lab File: VV029108.D
Acq: 18 Nov 2022 11:11

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

Tgt Ion: 84 Resp: 8192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 62.7 | 45.8 | 85.0 |
| 49 | 108.6 | 75.5 | 140.1 |

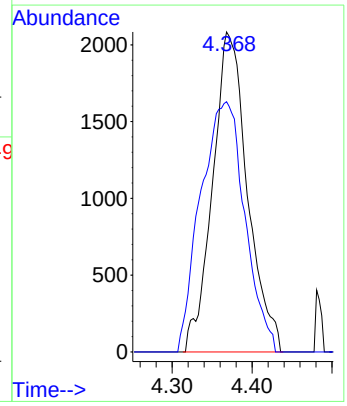


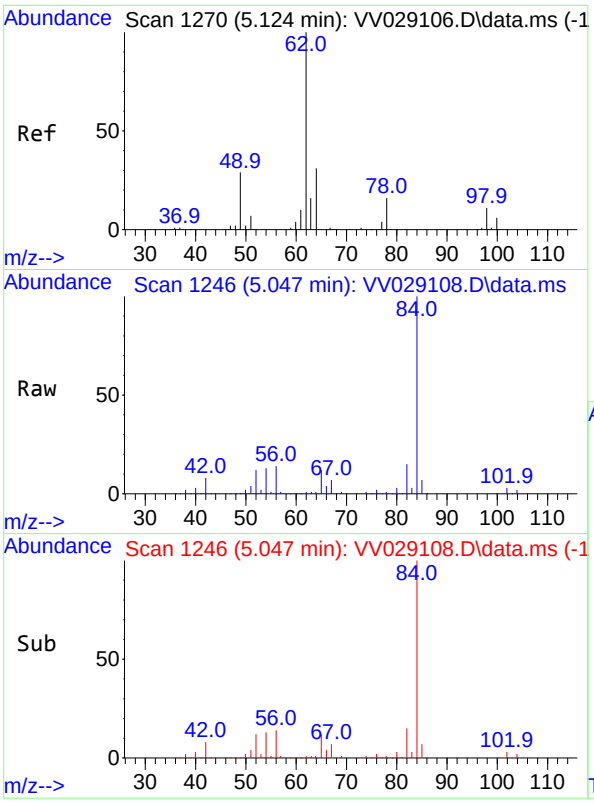




#25
Chloroform
Concen: 0.167 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VV029108.D
Acq: 18 Nov 2022 11:11

Tgt Ion: 83 Resp: 6312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 78.2 | 43.7 | 81.1 |



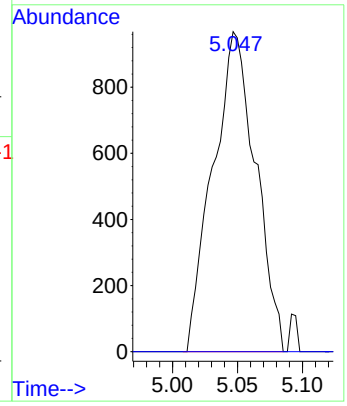


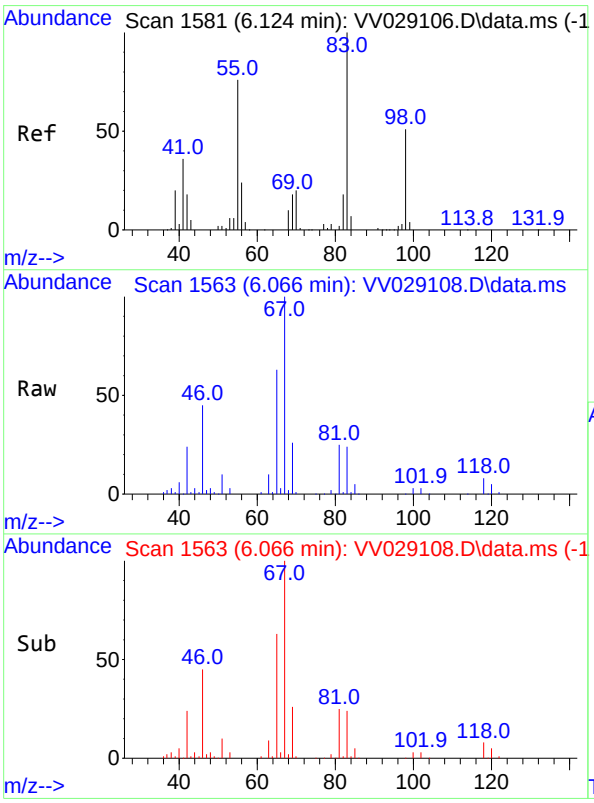

#27
1,2-Dichloroethane
Concen: 0.114 ug/L
RT: 5.047 min Scan# 1
Delta R.T. -0.087 min
Lab File: VV029108.D
Acq: 18 Nov 2022 11:11

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

Tgt Ion: 62 Resp: 2218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 9.0 | 13.6# |

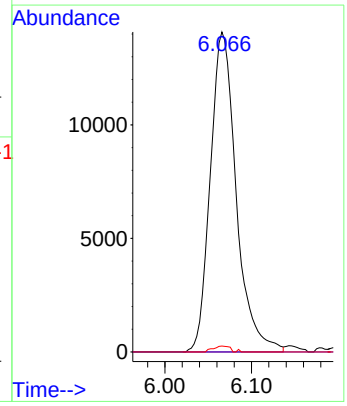


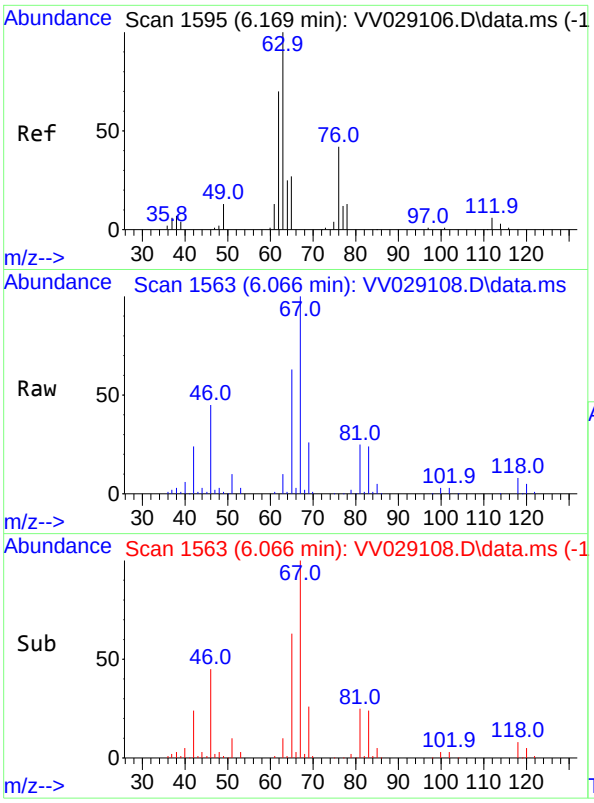




#35
Methylcyclohexane
Concen: 0.741 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV029108.D
Acq: 18 Nov 2022 11:11

Tgt Ion: 83 Resp: 29300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 55.8 | 83.6# |
| 98 | 1.2 | 38.2 | 57.2# |



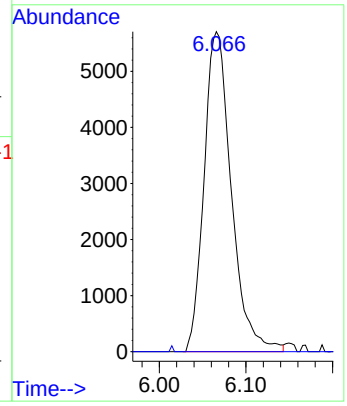


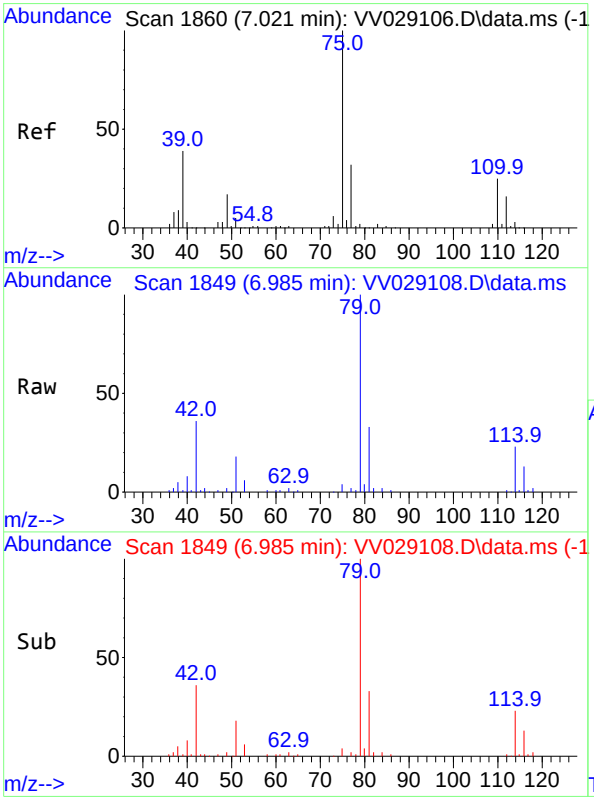

#37
1,2-Dichloropropane
Concen: 0.616 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.106 min
Lab File: VV029108.D
Acq: 18 Nov 2022 11:11

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

Tgt Ion: 63 Resp: 12484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.2 | 4.0 | 6.0# |

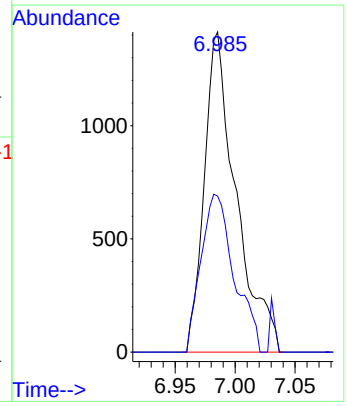


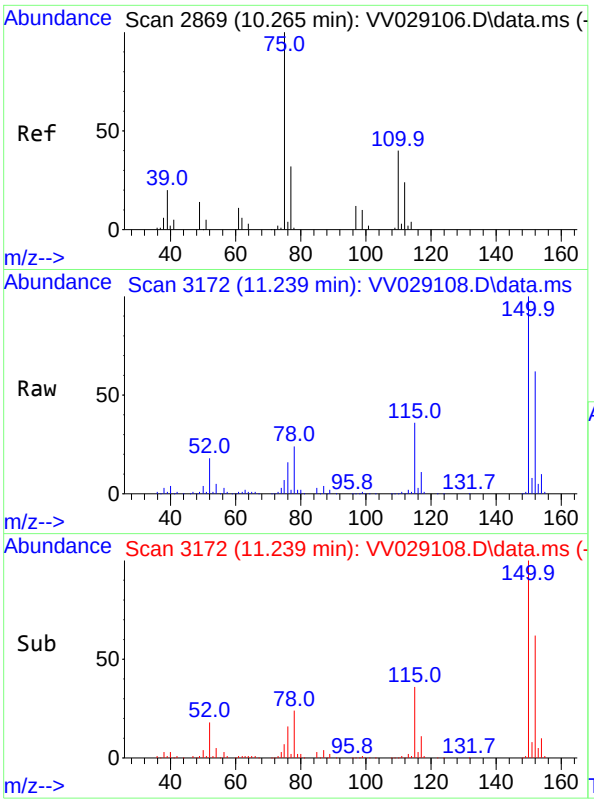




#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV029108.D
Acq: 18 Nov 2022 11:11

Tgt Ion: 75 Resp: 2599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 48.7 | 21.8 | 40.6# |






#61
1,2,3-Trichloropropane
Concen: 1.618 ug/L
RT: 11.239 min Scan# 3
Delta R.T. 0.971 min
Lab File: VV029108.D
Acq: 18 Nov 2022 11:11

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

Tgt Ion: 75 Resp: 14540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.5 | 26.2 | 39.2 |
| 110 | 2.2 | 32.6 | 48.8# |