Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102622\
Data File : VV028702.D
Acq On : 26 Oct 2022 18:26
Operator : SY/MD
Sample : N5232-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Oct 27 06:25:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 27 05:05:38 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 5.616 | 114 | 144516 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.847 | 117 | 137313 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.243 | 152 | 60000 | 5.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.304 | 65 | 66958 | 6.662 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 133.200%# | | | |
| 7) Chloroethane-d5 | 1.565 | 69 | 60558 | 7.126 | ug/L | -0.01 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 142.600%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.105 | 63 | 97214 | 5.000 | ug/L | -0.01 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 100.000% | | | |
| 20) 2-Butanone-d5 | 3.892 | 46 | 158412 | 69.121 | ug/L | -0.08 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 138.240%# | | | |
| 24) Chloroform-d | 4.346 | 84 | 108860 | 6.237 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 124.800% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.031 | 65 | 57120 | 6.450 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 129.000% | | | |
| 32) Benzene-d6 | 5.047 | 84 | 214751 | 5.848 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 117.000% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.066 | 67 | 73240 | 6.301 | ug/L | -0.01 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 126.000% | | | |
| 41) Toluene-d8 | 7.314 | 98 | 172091 | 6.006 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 120.200% | | | |
| 43) trans-1,3-Dichloroprop... | 7.625 | 79 | 12675 | 3.510 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 70.200% | | | |
| 46) 2-Hexanone-d5 | 8.088 | 63 | 95789 | 56.980 | ug/L | -0.03 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 113.960% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.211 | 84 | 49111 | 6.371 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 127.400%# | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.619 | 152 | 53302 | 6.441 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 128.800%# | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.243 | 50 | 1926 | 0.169 | ug/L | 96 |
| 5) Vinyl chloride | 1.307 | 62 | 545 | 0.048 | ug/L # | 1 |
| 6) Bromomethane | 1.523 | 94 | 746 | 0.138 | ug/L | 73 |
| 8) Chloroethane | 1.542 | 64 | 21695 | 2.822 | ug/L # | 54 |
| 13) Acetone | 2.179 | 43 | 13619 | 10.012 | ug/L | 88 |
| 14) Carbon disulfide | 2.294 | 76 | 1327 | 0.072 | ug/L # | 48 |
| 18) trans-1,2-Dichloroethene | 2.757 | 96 | 324 | 0.041 | ug/L | 71 |
| 25) Chloroform | 4.372 | 83 | 66393 | 3.538 | ug/L | 97 |
| 35) Methylcyclohexane | 6.066 | 83 | 16668 | 1.187 | ug/L # | 15 |
| 42) Toluene | 7.394 | 91 | 10523 | 0.270 | ug/L | 96 |
| 44) trans-1,3-Dichloropropene | 7.629 | 75 | 883 | 0.086 | ug/L # | 29 |
| 51) Chlorobenzene | 8.886 | 112 | 1035 | 0.042 | ug/L # | 73 |
| 52) Ethylbenzene | 9.018 | 91 | 1884 | 0.044 | ug/L # | 44 |
| 53) m,p-Xylene | 9.137 | 106 | 2136 | 0.137 | ug/L | 89 |
| 54) o-Xylene | 9.548 | 106 | 1144 | 0.073 | ug/L | 77 |
| 61) 1,2,3-Trichloropropane | 10.371 | 75 | 334 | 0.065 | ug/L # | 81 |
| 62) 1,3,5-Trimethylbenzene | 10.535 | 105 | 578 | 0.052 | ug/L | 91 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102622\
Data File : VV028702.D
Acq On : 26 Oct 2022 18:26
Operator : SY/MD
Sample : N5232-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Oct 27 06:25:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 27 05:05:38 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

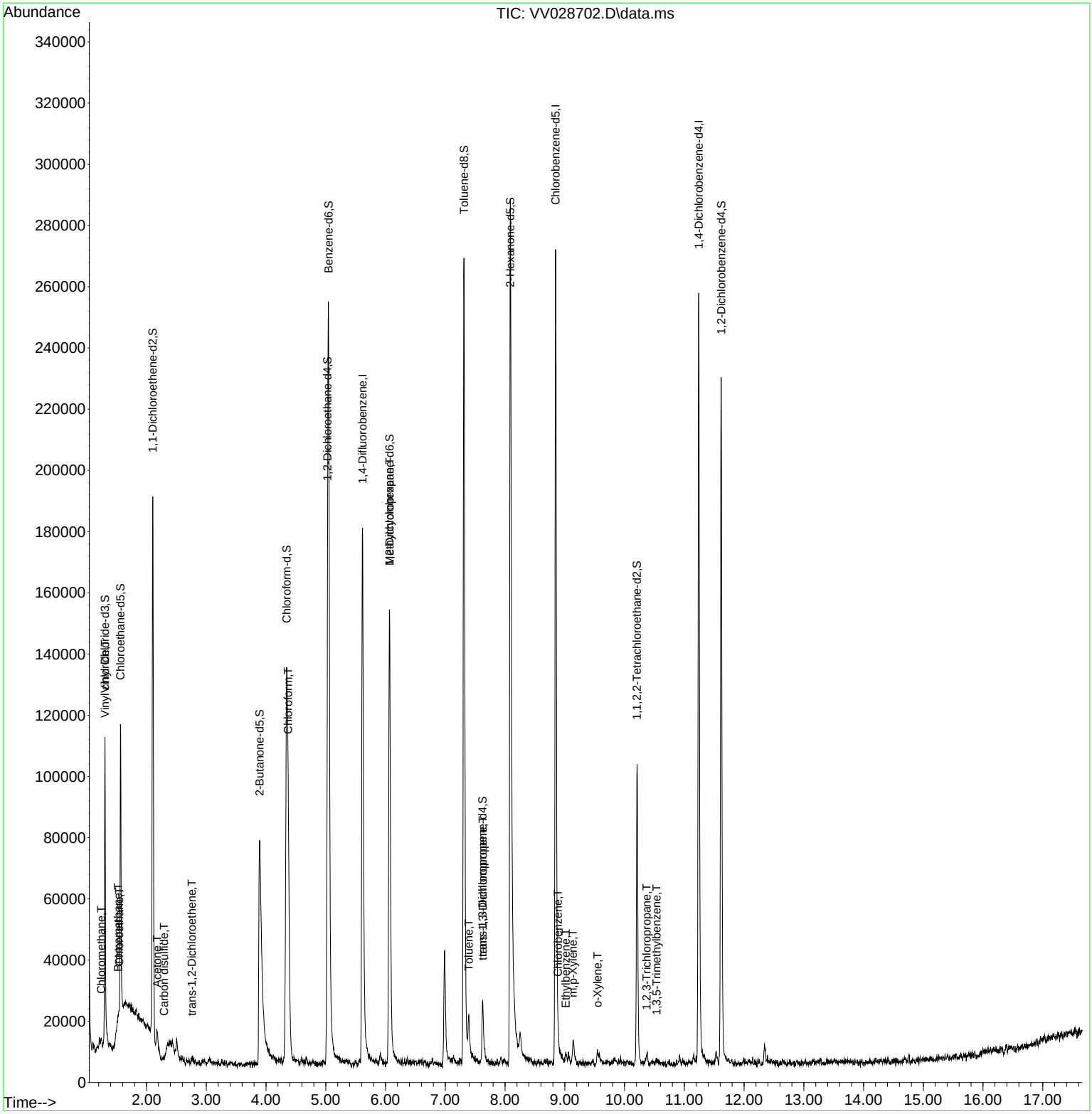
(#) = qualifier out of range (m) = manual integration (+) = signals summed

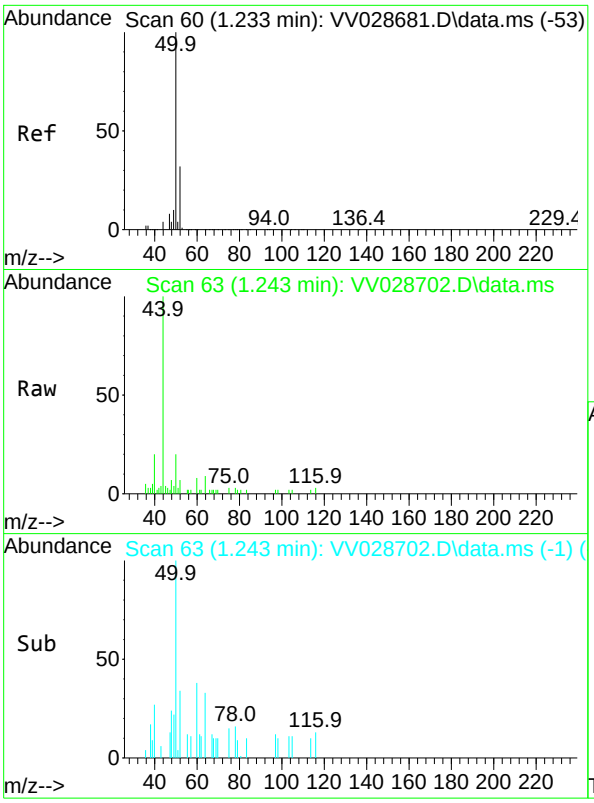
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102622\
Data File : VV028702.D
Acq On : 26 Oct 2022 18:26
Operator : SY/MD
Sample : N5232-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Oct 27 06:25:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 27 05:05:38 2022
Response via : Initial Calibration



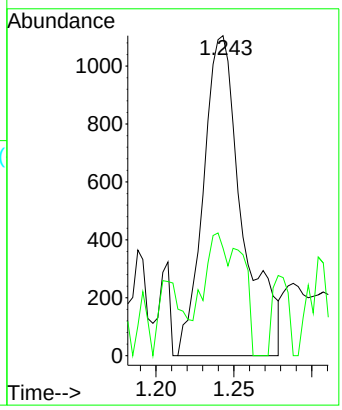


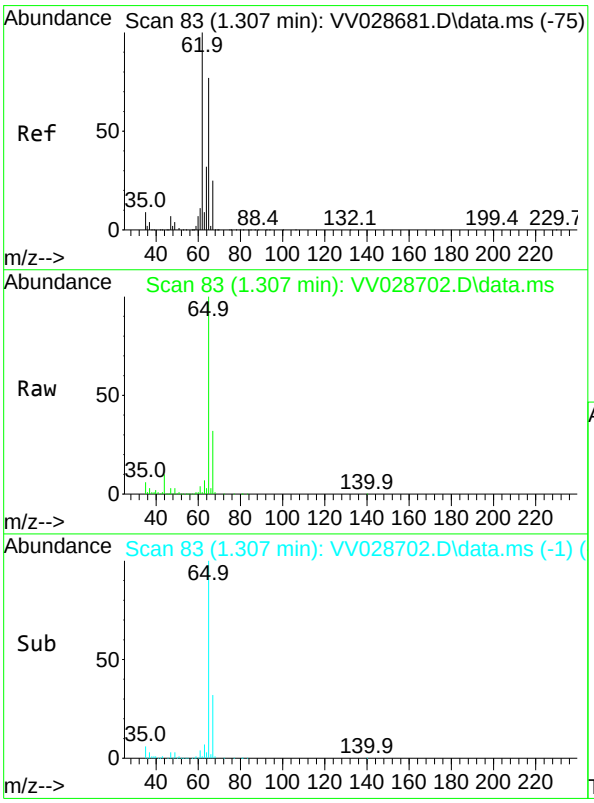

#3
Chloromethane
Concen: 0.169 ug/L
RT: 1.243 min Scan# 6
Delta R.T. 0.010 min
Lab File: VV028702.D
Acq: 26 Oct 2022 18:26

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

Tgt Ion: 50 Resp: 1926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.7 | 21.8 | 40.6 |

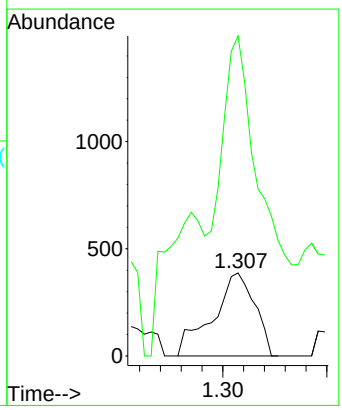


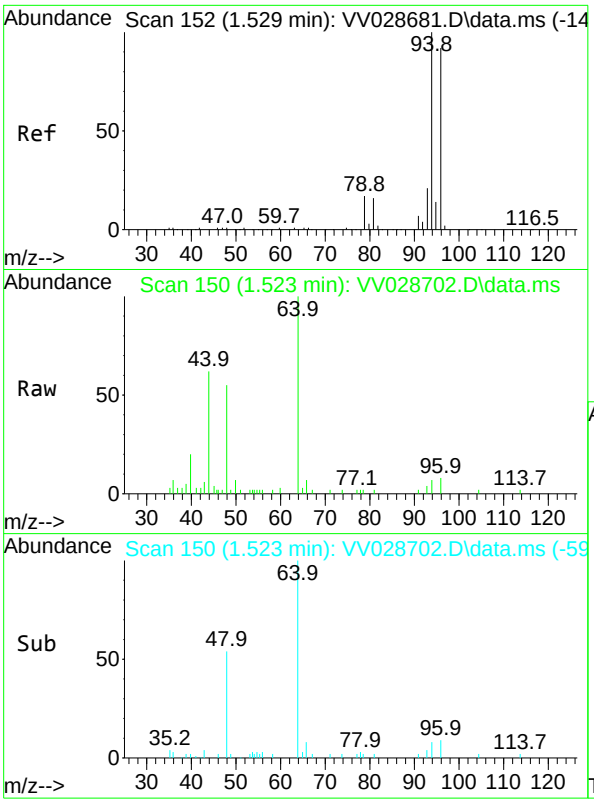




#5
Vinyl chloride
Concen: 0.048 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.000 min
Lab File: VV028702.D
Acq: 26 Oct 2022 18:26

Tgt Ion: 62 Resp: 545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 385.8 | 22.0 | 41.0# |



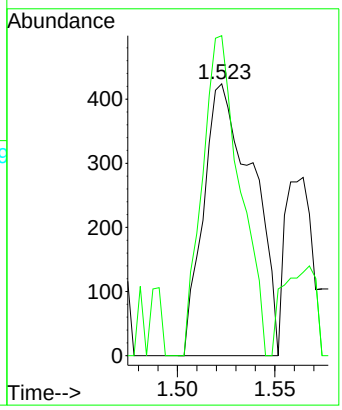


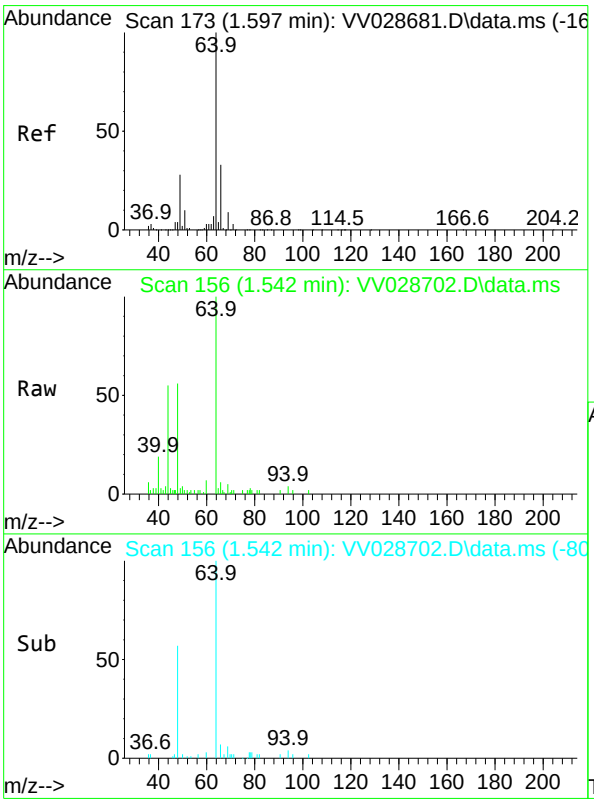

#6
Bromomethane
Concen: 0.138 ug/L
RT: 1.523 min Scan# 1
Delta R.T. -0.006 min
Lab File: VV028702.D
Acq: 26 Oct 2022 18:26

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

Tgt Ion: 94 Resp: 746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 117.7 | 64.3 | 119.3 |

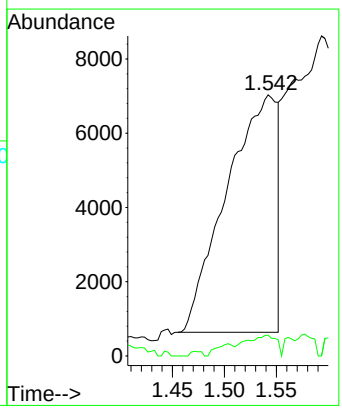


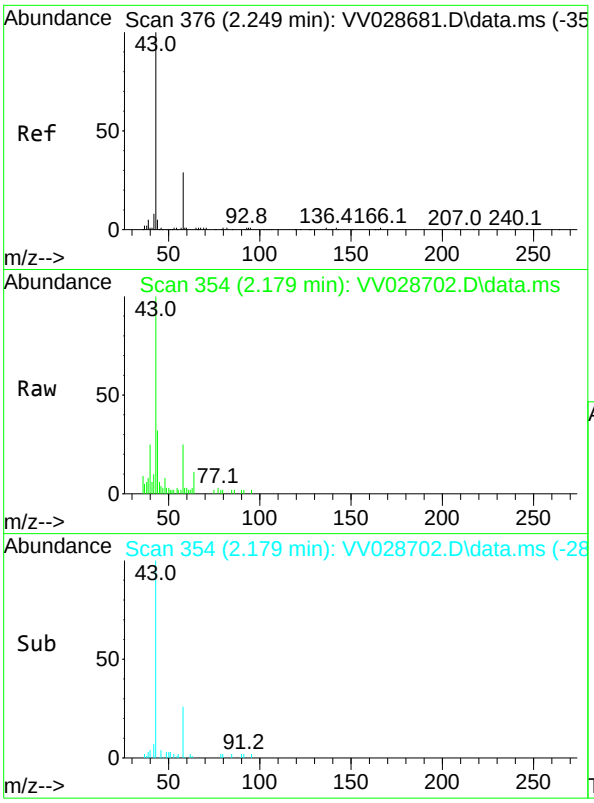




#8
Chloroethane
Concen: 2.822 ug/L
RT: 1.542 min Scan# 156
Delta R.T. -0.055 min
Lab File: VV028702.D
Acq: 26 Oct 2022 18:26

Tgt Ion: 64 Resp: 21695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 7.7 | 23.9 | 44.5# |



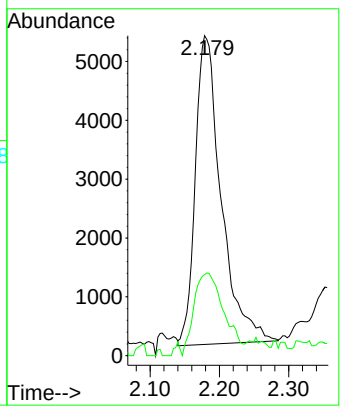


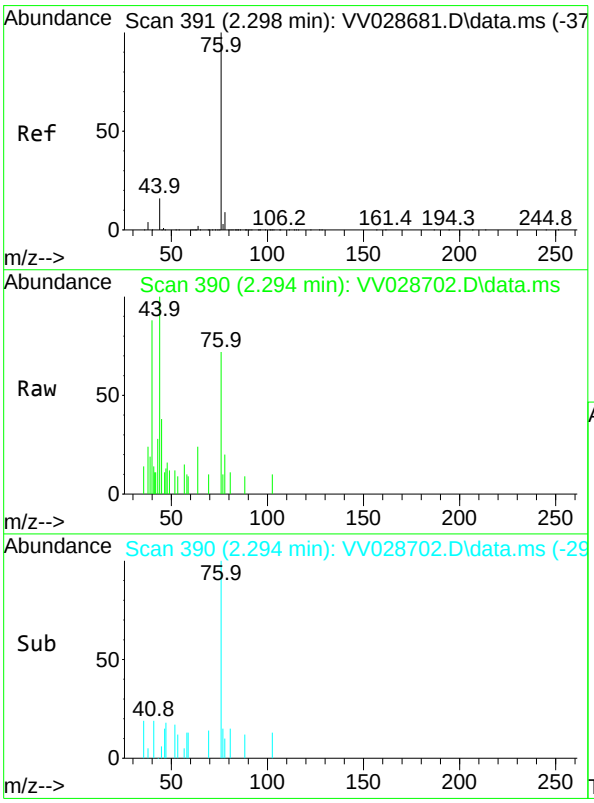

#13
Acetone
Concen: 10.012 ug/L
RT: 2.179 min Scan# 3
Delta R.T. -0.071 min
Lab File: VV028702.D
Acq: 26 Oct 2022 18:26

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

Tgt Ion: 43 Resp: 13619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.2 | 0.0 | 50.2 |

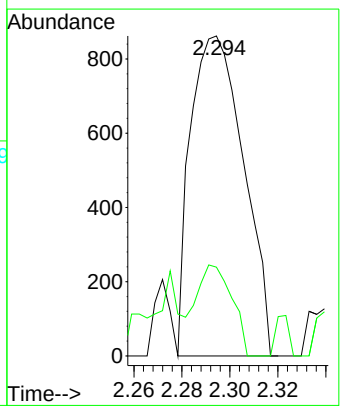


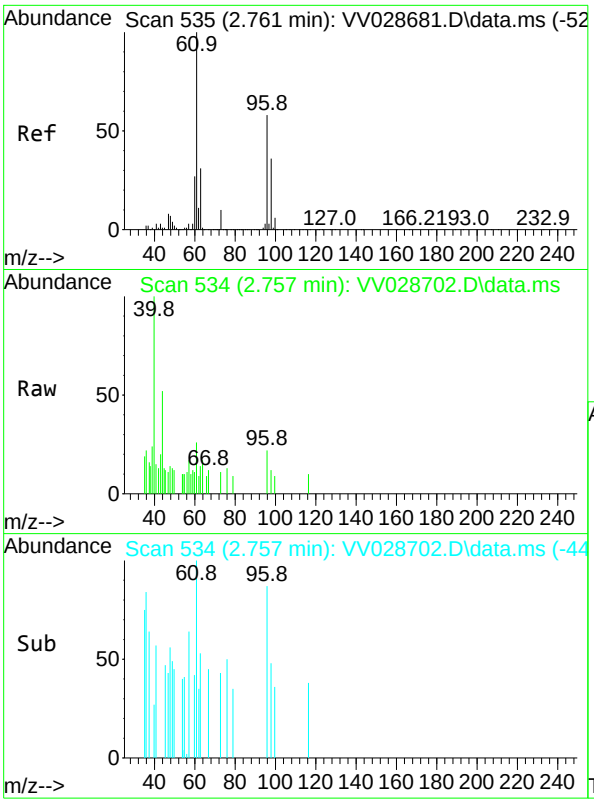




#14
Carbon disulfide
Concen: 0.072 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.003 min
Lab File: VV028702.D
Acq: 26 Oct 2022 18:26

Tgt Ion: 76 Resp: 1327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 27.7 | 7.1 | 10.7# |



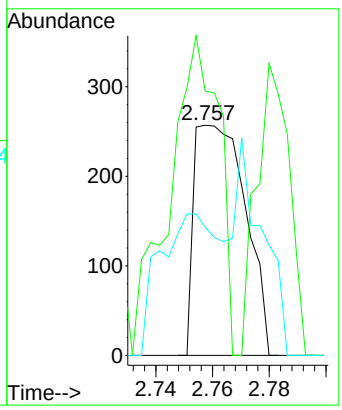


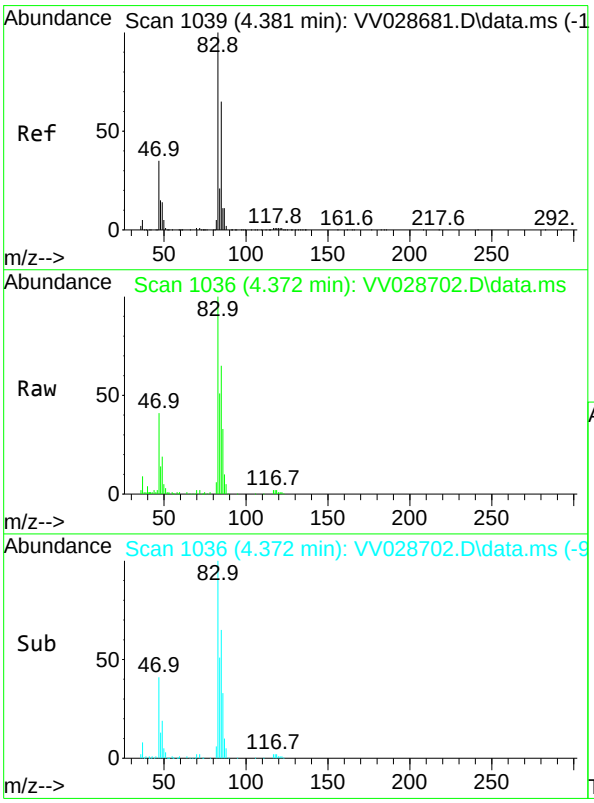

#18
trans-1,2-Dichloroethene
Concen: 0.041 ug/L
RT: 2.757 min Scan# 5
Delta R.T. -0.003 min
Lab File: VV028702.D
Acq: 26 Oct 2022 18:26

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

Tgt Ion: 96 Resp: 324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 114.8 | 114.3 | 212.3 |
| 98 | 55.6 | 45.0 | 83.6 |

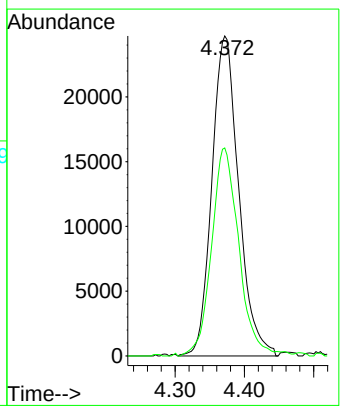


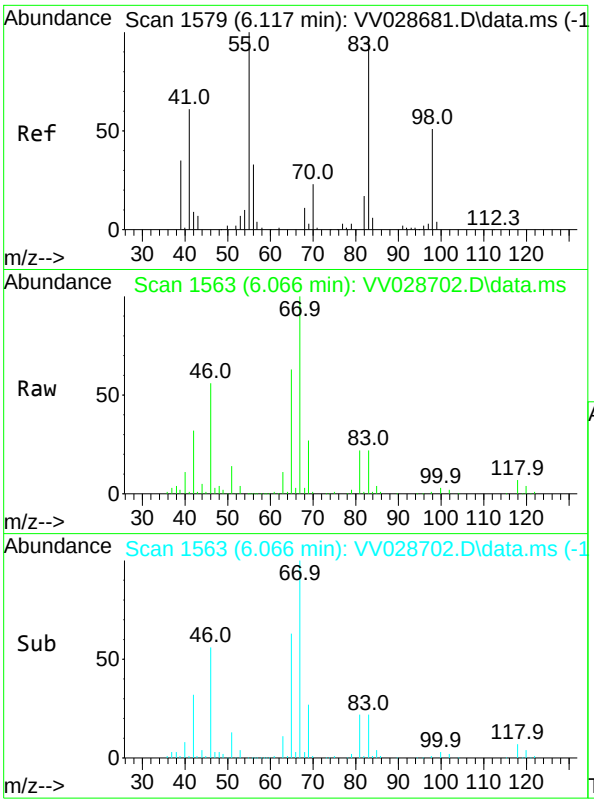




#25
Chloroform
Concen: 3.538 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. -0.010 min
Lab File: VV028702.D
Acq: 26 Oct 2022 18:26

Tgt Ion: 83 Resp: 66393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.0 | 44.1 | 81.9 |



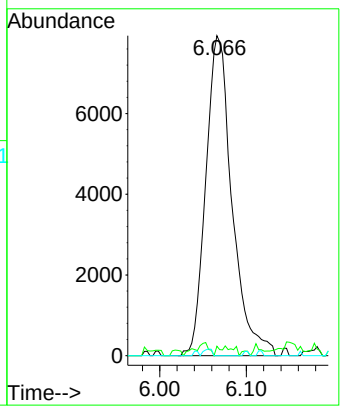


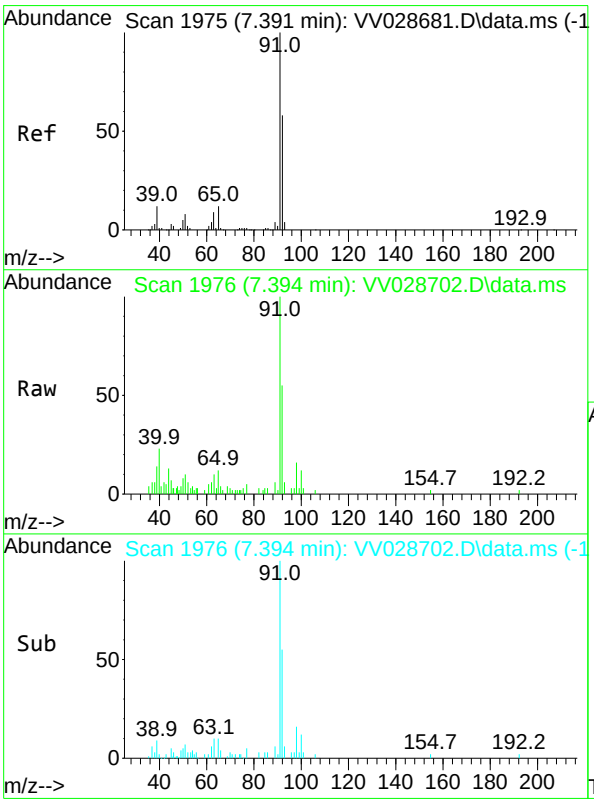

#35
Methylcyclohexane
Concen: 1.187 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.051 min
Lab File: VV028702.D
Acq: 26 Oct 2022 18:26

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

Tgt Ion: 83 Resp: 16668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.6 | 70.0 | 105.0# |
| 98 | 0.0 | 35.6 | 53.4# |

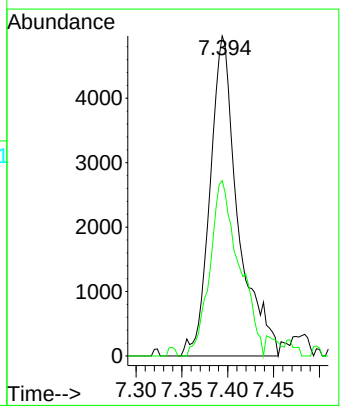


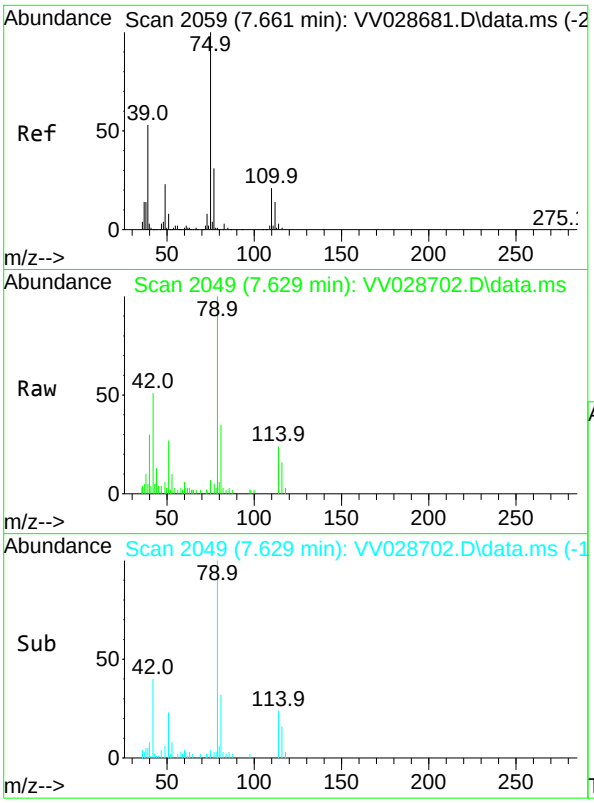




#42
Toluene
Concen: 0.270 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV028702.D
Acq: 26 Oct 2022 18:26

Tgt Ion: 91 Resp: 10523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.8 | 40.5 | 75.3 |



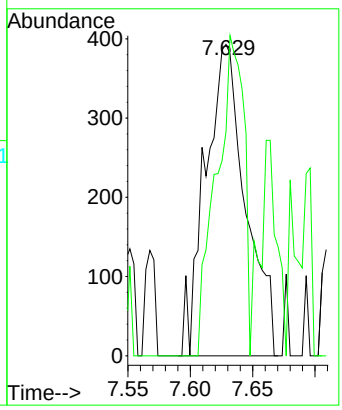


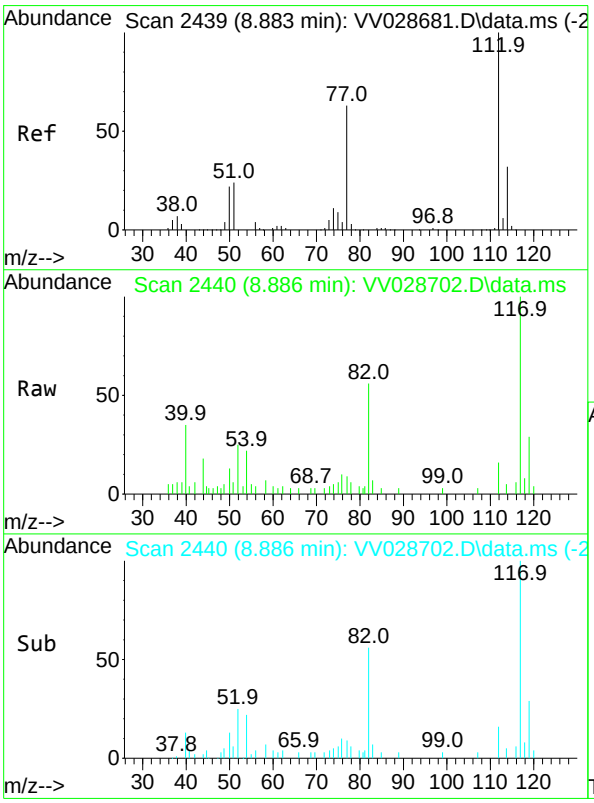

#44
trans-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.629 min Scan# 2
Delta R.T. -0.032 min
Lab File: VV028702.D
Acq: 26 Oct 2022 18:26

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

Tgt Ion: 75 Resp: 883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 72.0 | 22.6 | 42.0# |

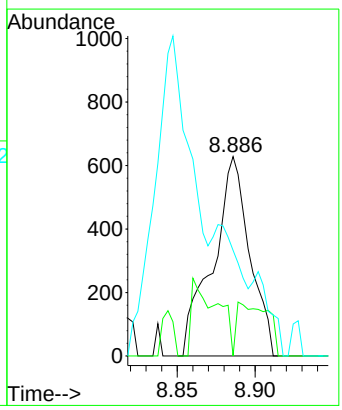


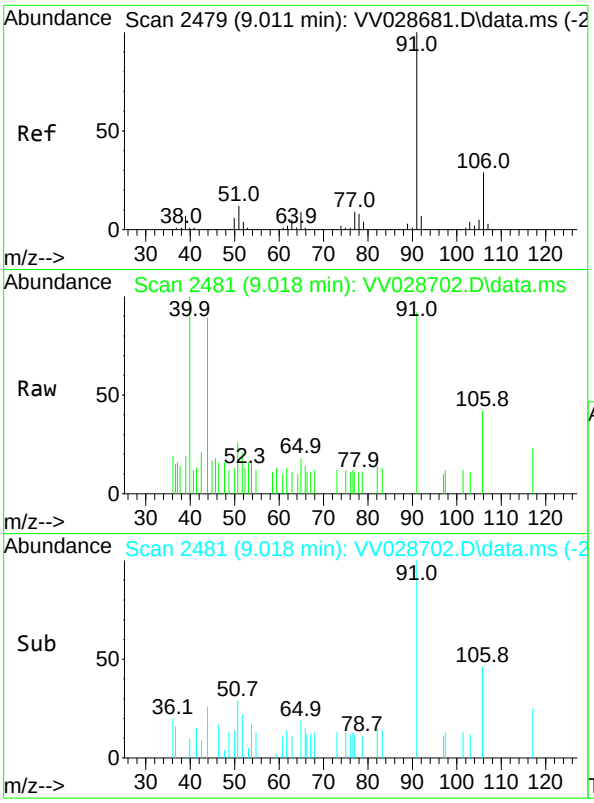




#51
Chlorobenzene
Concen: 0.042 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV028702.D
Acq: 26 Oct 2022 18:26

Tgt Ion:112 Resp: 1035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 0.0 | 22.0 | 41.0# |
| 77 | 53.0 | 50.0 | 75.0 |



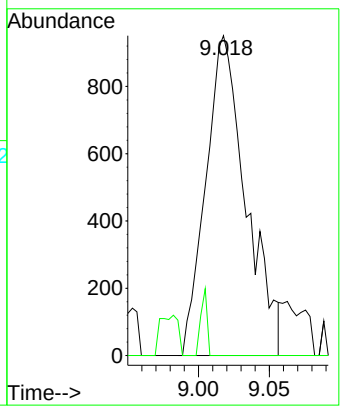


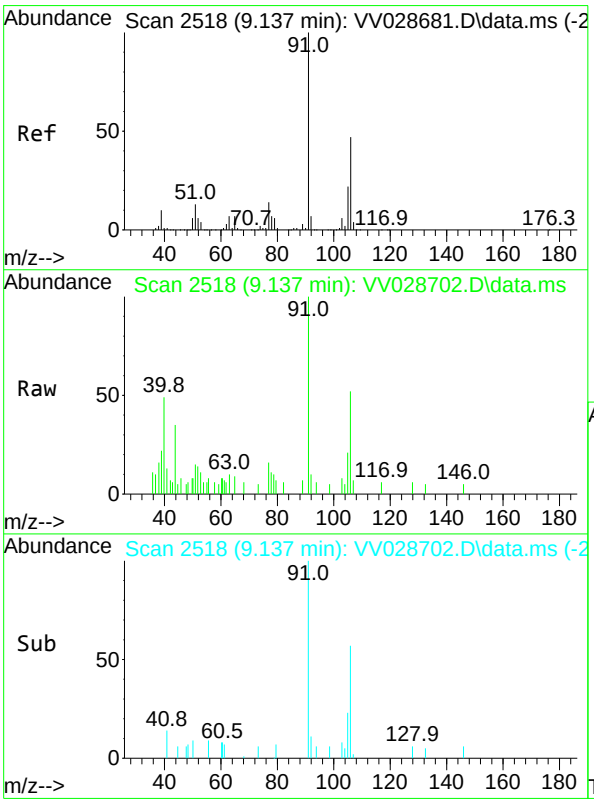

#52
Ethylbenzene
Concen: 0.044 ug/L
RT: 9.018 min Scan# 24
Delta R.T. 0.006 min
Lab File: VV028702.D
Acq: 26 Oct 2022 18:26

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

Tgt Ion: 91 Resp: 1884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 0.0 | 21.3 | 39.6# |

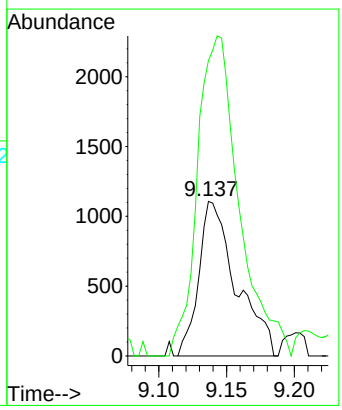


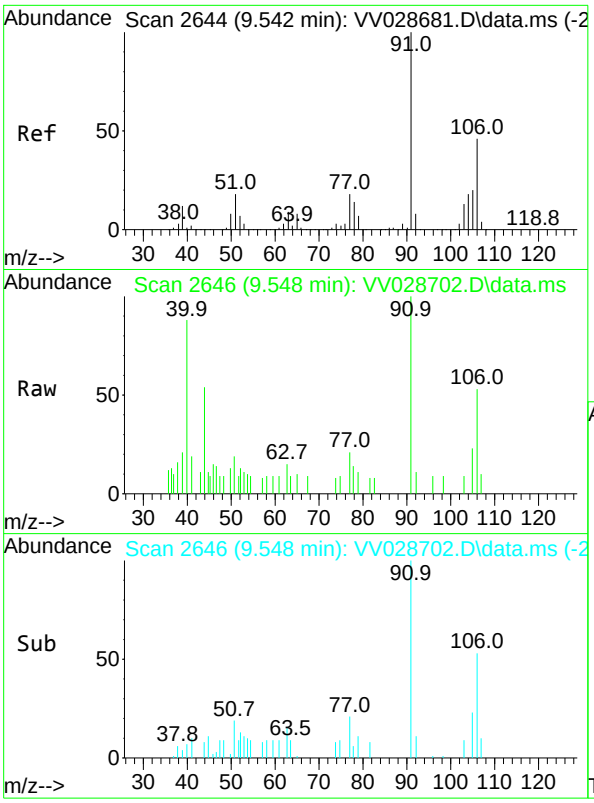




#53
m,p-Xylene
Concen: 0.137 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV028702.D
Acq: 26 Oct 2022 18:26

Tgt Ion:106 Resp: 2136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 191.1 | 145.5 | 270.1 |



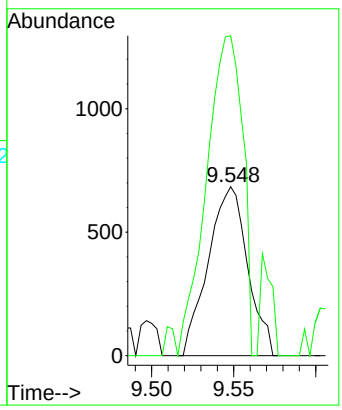


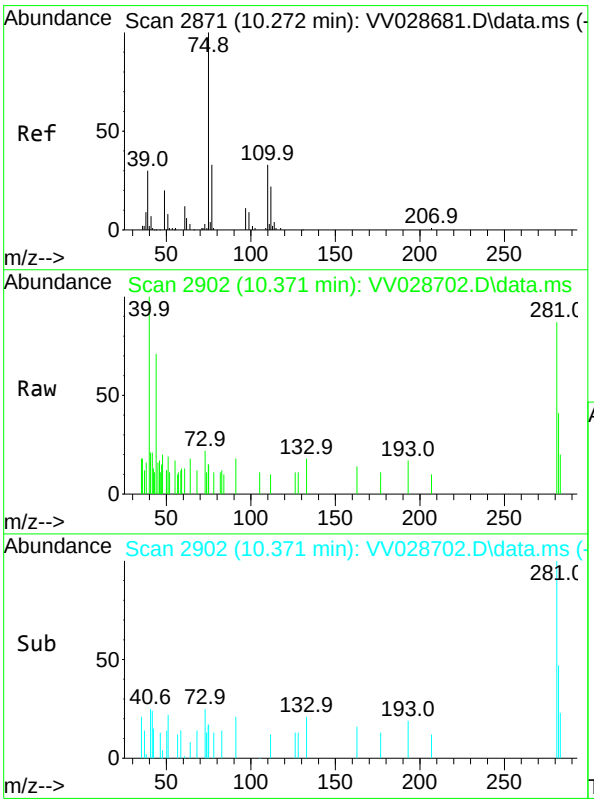

#54
o-Xylene
Concen: 0.073 ug/L
RT: 9.548 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV028702.D
Acq: 26 Oct 2022 18:26

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

Tgt Ion:106 Resp: 1144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 189.5 | 159.0 | 295.4 |

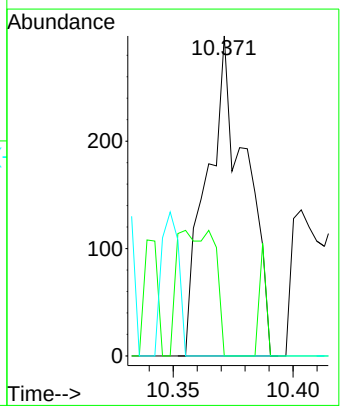


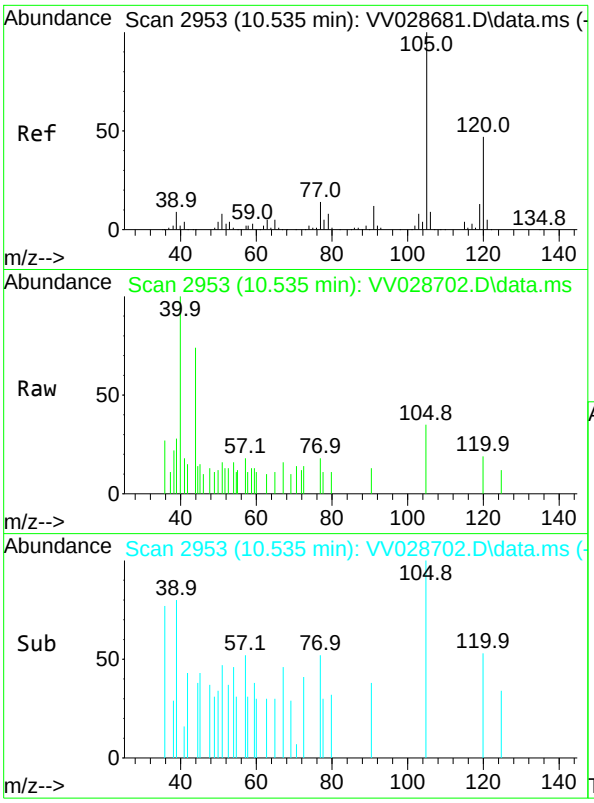




#61
1,2,3-Trichloropropane
Concen: 0.065 ug/L
RT: 10.371 min Scan# 2902
Delta R.T. 0.100 min
Lab File: VV028702.D
Acq: 26 Oct 2022 18:26

Tgt Ion: 75 Resp: 334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 38.3 | 25.2 | 37.8# |
| 110 | 20.4 | 27.9 | 41.9# |






#62
1,3,5-Trimethylbenzene
Concen: 0.052 ug/L
RT: 10.535 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV028702.D
Acq: 26 Oct 2022 18:26

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

Tgt Ion:105 Resp: 578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 42.0 | 38.3 | 57.5 |