Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024571.D
Acq On : 10 Feb 2022 16:29
Operator : SY/MD
Sample : N1476-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFXZ0

Quant Time: Feb 11 23:55:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 11 23:54:44 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.616 | 114 | 131854 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.850 | 117 | 131404 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.246 | 152 | 66720 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.307 | 65 | 48604 | 4.397 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 88.000% | | | |
| 7) Chloroethane-d5 | 1.568 | 69 | 44792 | 4.794 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 95.800% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.108 | 63 | 79770 | 3.300 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 66.000% | | | |
| 20) 2-Butanone-d5 | 3.905 | 46 | 83128 | 45.307 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 90.620% | | | |
| 24) Chloroform-d | 4.349 | 84 | 91080 | 4.682 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 93.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.034 | 65 | 42999 | 4.872 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 97.400% | | | |
| 32) Benzene-d6 | 5.050 | 84 | 189631 | 5.086 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.069 | 67 | 56700 | 4.890 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 97.800% | | | |
| 41) Toluene-d8 | 7.313 | 98 | 172276 | 4.954 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 99.000% | | | |
| 43) trans-1,3-Dichloroprop... | 7.622 | 79 | 21701 | 4.634 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 92.600% | | | |
| 46) 2-Hexanone-d5 | 8.088 | 63 | 84869 | 51.441 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 102.880% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84 | 34898 | 5.054 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 101.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.622 | 152 | 54705 | 5.086 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 101.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 13) Acetone | 2.198 | 43 | 8961 | 6.189 | ug/L | 79 |
| 33) Benzene | 5.108 | 78 | 4974 | 0.097 | ug/L | 100 |
| 52) Ethylbenzene | 9.018 | 91 | 4059 | 0.065 | ug/L | 98 |
| 53) m,p-xylene | 9.143 | 106 | 1873 | 0.080 | ug/L | 99 |
| 54) o-xylene | 9.548 | 106 | 1425 | 0.063 | ug/L | 89 |
| 60) Isopropylbenzene | 9.931 | 105 | 2742 | 0.045 | ug/L # | 93 |
| 62) 1,3,5-Trimethylbenzene | 10.542 | 105 | 1628 | 0.031 | ug/L | 90 |
| 63) 1,2,4-Trimethylbenzene | 10.915 | 105 | 7015 | 0.136 | ug/L | 96 |

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

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Misc : 25.0mL/MSVOA_V/WATER
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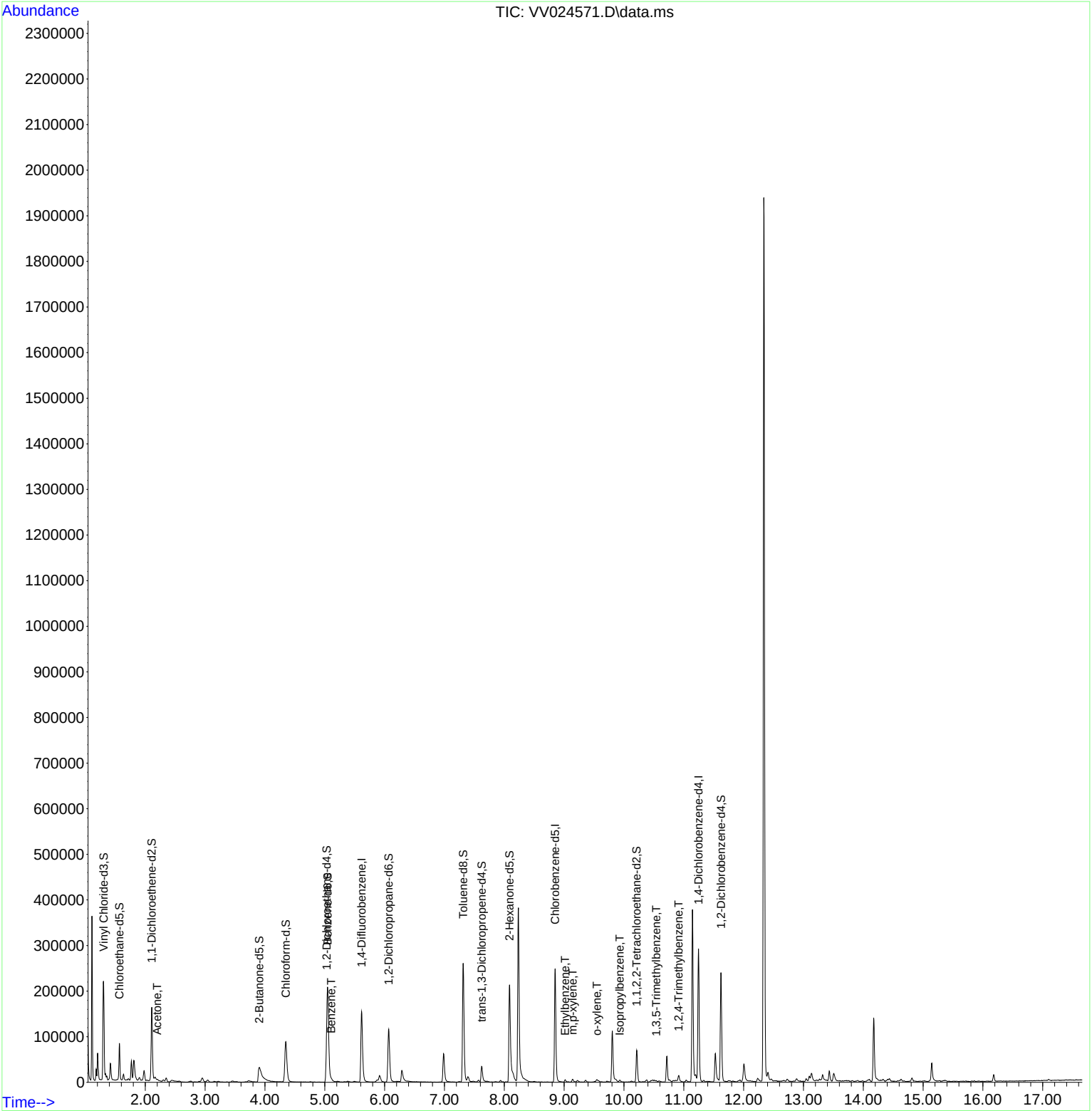
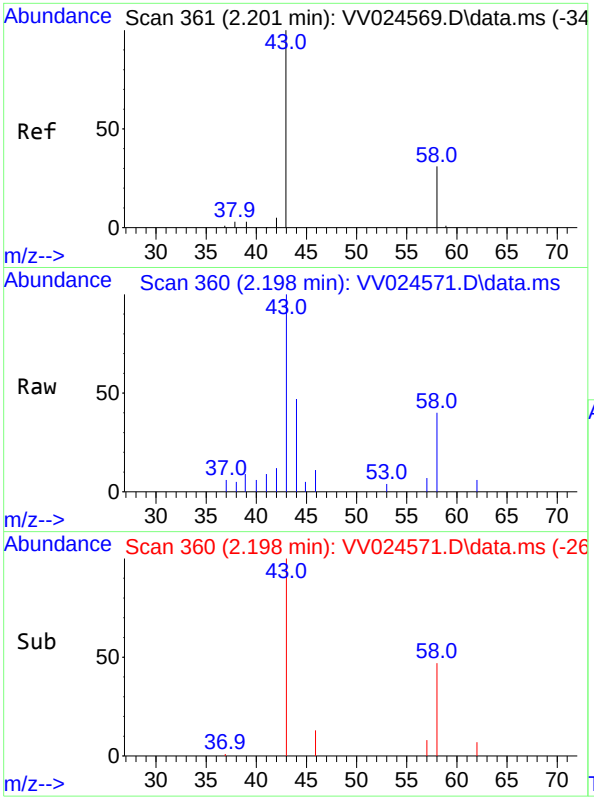
**Instrument :**
MSVOA_V
**ClientSampleId :**
BFXZ0

Quant Time: Feb 11 23:55:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 11 23:54:44 2022
Response via : Initial Calibration



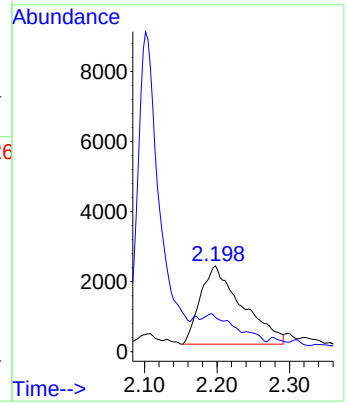


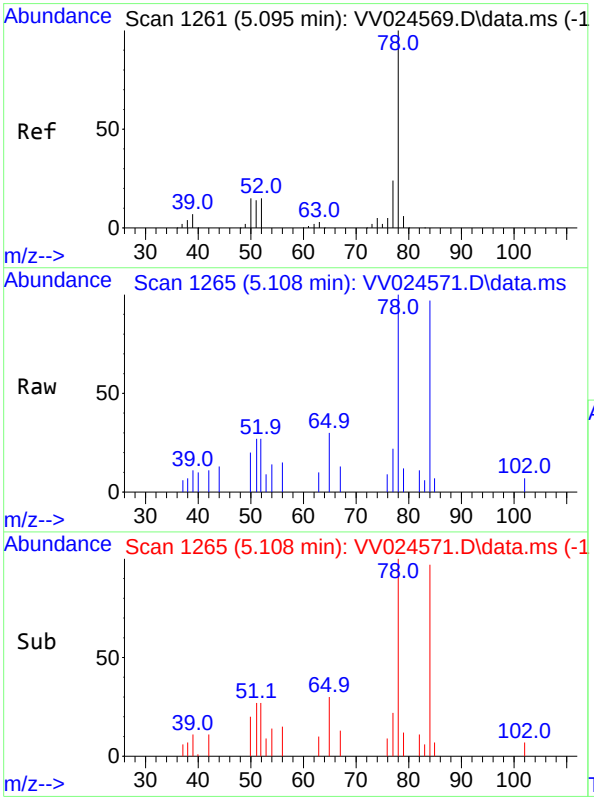

#13
Acetone
Concen: 6.189 ug/L
RT: 2.198 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV024571.D
Acq: 10 Feb 2022 16:29

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFXZ0

Tgt Ion: 43 Resp: 8961

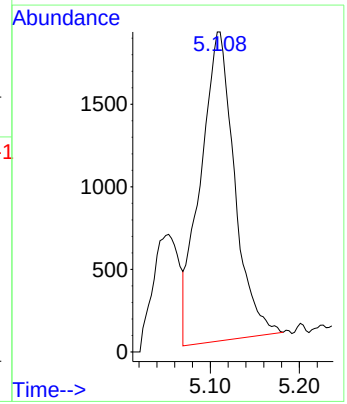
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 10.7 | 0.0 | 41.4 |

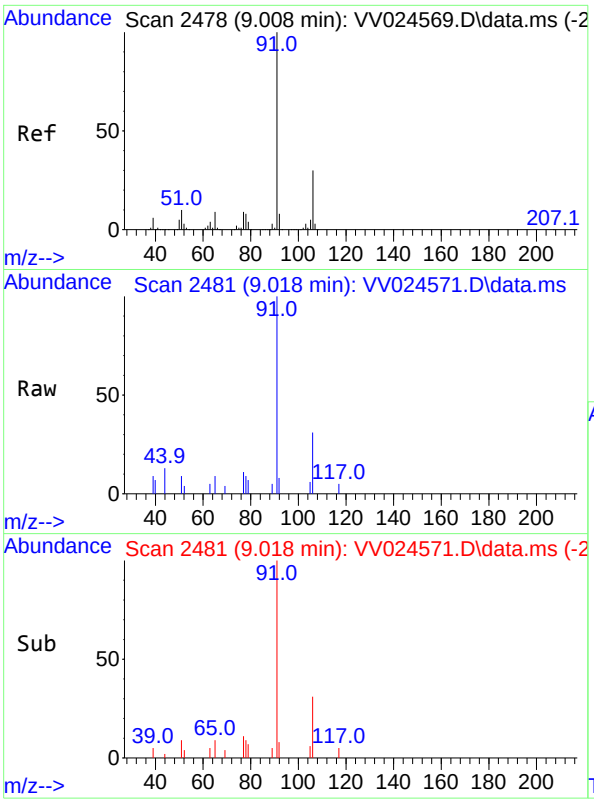



#33
Benzene
Concen: 0.097 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.013 min
Lab File: VV024571.D
Acq: 10 Feb 2022 16:29

Tgt Ion: 78 Resp: 4974



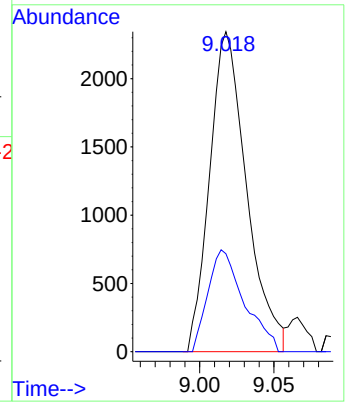


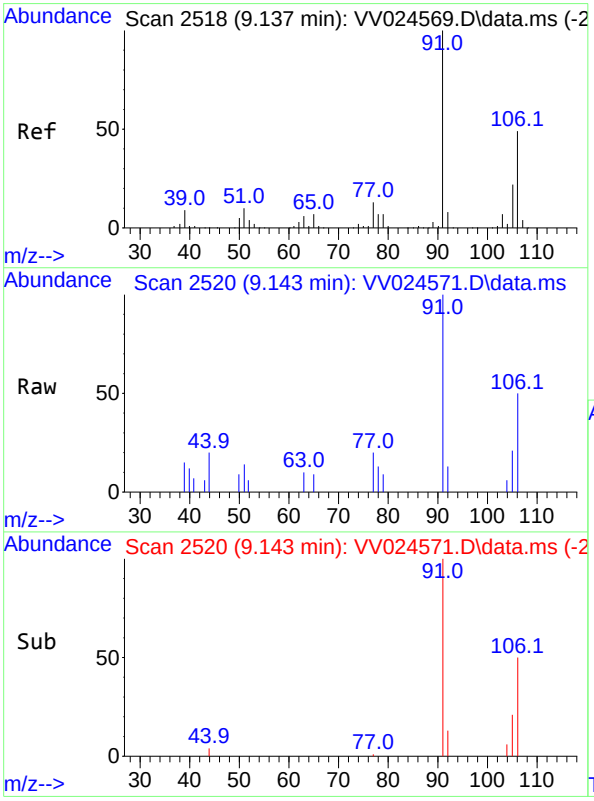

#52
Ethylbenzene
Concen: 0.065 ug/L
RT: 9.018 min Scan# 24
Delta R.T. 0.010 min
Lab File: VV024571.D
Acq: 10 Feb 2022 16:29

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFXZ0

Tgt Ion: 91 Resp: 4059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.6 | 22.0 | 41.0 |

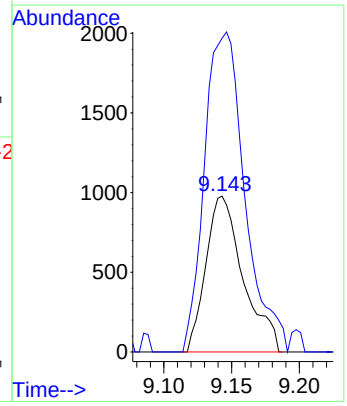


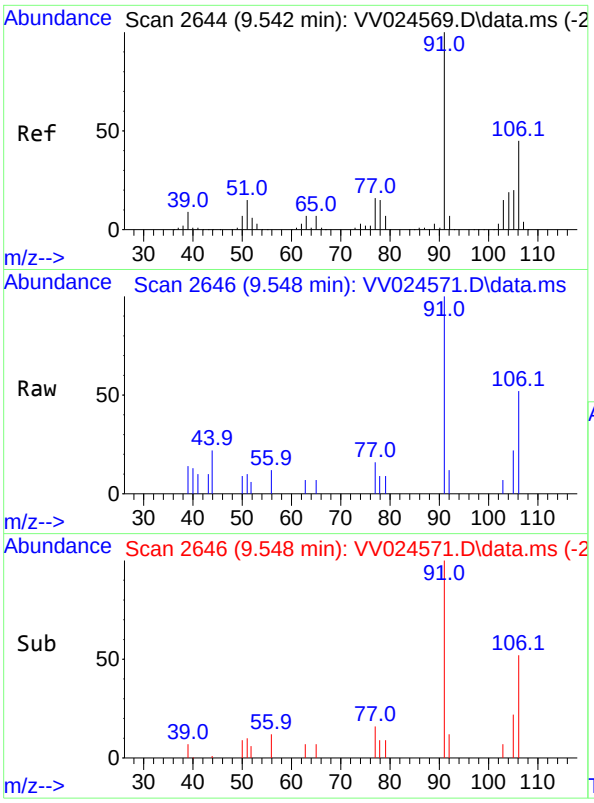




#53
m,p-xylene
Concen: 0.080 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV024571.D
Acq: 10 Feb 2022 16:29

Tgt Ion:106 Resp: 1873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 201.3 | 139.5 | 259.1 |



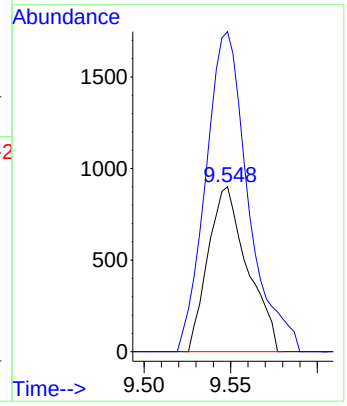


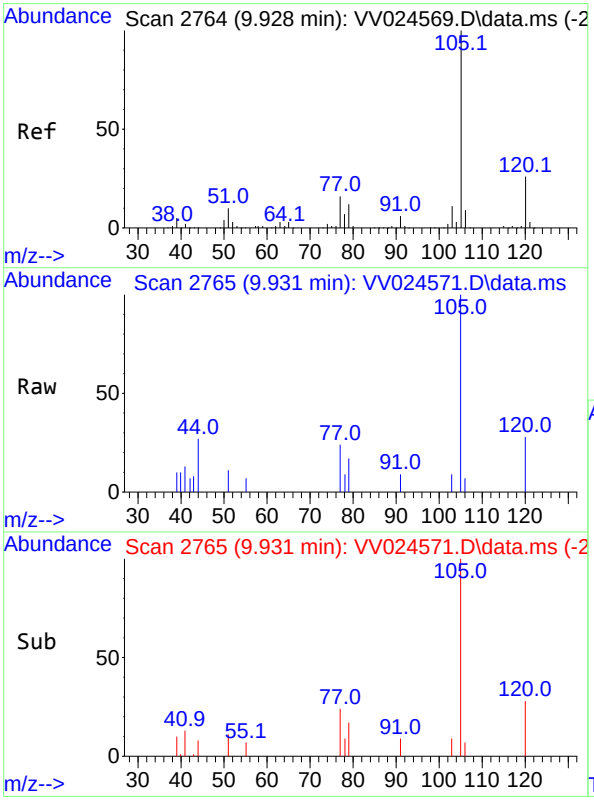

#54
o-xylene
Concen: 0.063 ug/L
RT: 9.548 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV024571.D
Acq: 10 Feb 2022 16:29

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFXZ0

Tgt Ion:106 Resp: 1425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 193.9 | 147.9 | 274.7 |

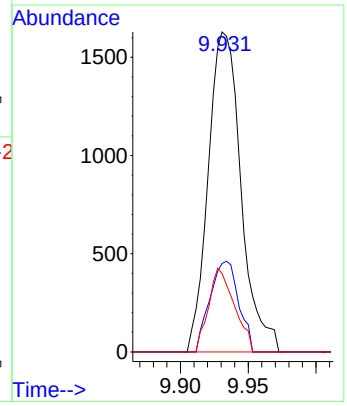


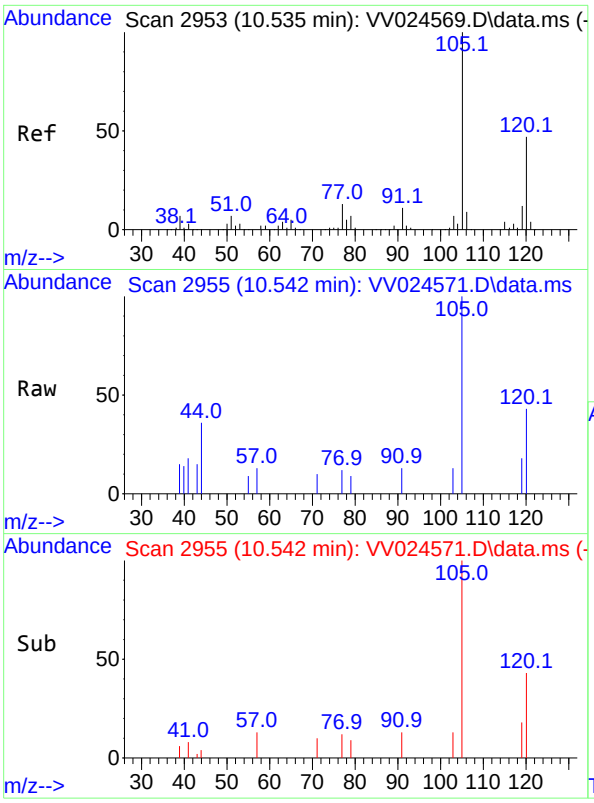




#60
Isopropylbenzene
Concen: 0.045 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV024571.D
Acq: 10 Feb 2022 16:29

Tgt Ion:105 Resp: 2742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 24.8 | 21.4 | 32.0 |
| 77 | 20.6 | 12.2 | 18.4# |



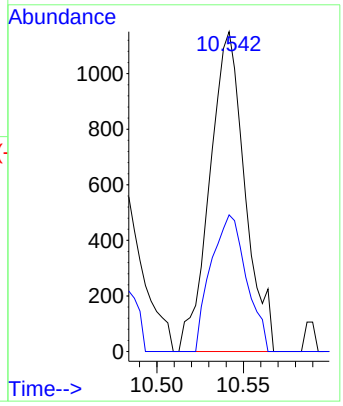


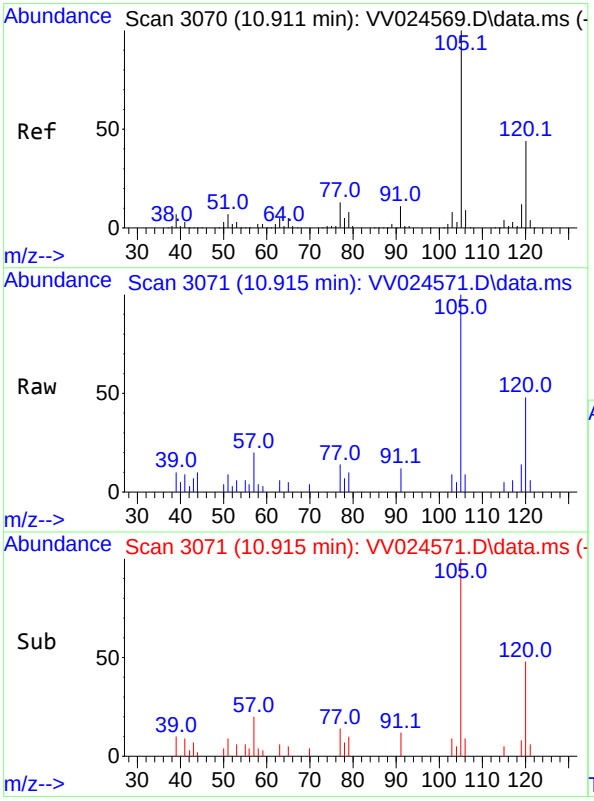

#62
1,3,5-Trimethylbenzene
Concen: 0.031 ug/L
RT: 10.542 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV024571.D
Acq: 10 Feb 2022 16:29

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFXZ0

Tgt Ion:105 Resp: 1628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.2 | 40.1 | 60.1 |




#63
1,2,4-Trimethylbenzene
Concen: 0.136 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV024571.D
Acq: 10 Feb 2022 16:29

Tgt Ion:105 Resp: 7015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.3 | 36.7 | 55.1 |