Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120722\
Data File : VV029438.D
Acq On : 07 Dec 2022 23:50
Operator : SY/MD
Sample : N5919-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0EE9

Quant Time: Dec 08 05:36:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 08 01:48:46 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 5.609 | 114 | 491142 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.844 | 117 | 452606 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.239 | 152 | 229320 | 50.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.304 | 65 | 129575 | 43.083 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 86.160% | | | |
| 7) Chloroethane-d5 | 1.561 | 69 | 103971 | 45.336 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 90.680% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.105 | 63 | 158667 | 33.824 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 67.640% | | | |
| 21) 2-Butanone-d5 | 3.867 | 46 | 188093 | 102.521 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 102.520% | | | |
| 24) Chloroform-d | 4.339 | 84 | 256355 | 45.295 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 90.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.024 | 65 | 159567 | 49.365 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 98.720% | | | |
| 32) Benzene-d6 | 5.043 | 84 | 560882 | 46.899 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 93.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.063 | 67 | 172292 | 47.164 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 94.320% | | | |
| 41) Toluene-d8 | 7.310 | 98 | 514001 | 45.614 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 91.220% | | | |
| 43) trans-1,3-Dichloroprop... | 7.613 | 79 | 81499 | 44.181 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 88.360% | | | |
| 47) 2-Hexanone-d5 | 8.082 | 63 | 161874 | 103.770 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 103.770% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84 | 253252 | 48.514 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 97.020% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.612 | 152 | 211238 | 48.389 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 96.780% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.156 | 43 | 2788 | 2.333 | ug/L | 94 |
| 33) Benzene | 5.098 | 78 | 28252 | 2.215 | ug/L | 100 |
| 35) Methylcyclohexane | 6.063 | 83 | 42410 | 7.811 | ug/L # | 21 |
| 44) trans-1,3-Dichloropropene | 7.613 | 75 | 3407 | 0.710 | ug/L | 85 |
| 48) 2-Hexanone | 8.082 | 43 | 15974 | 5.695 | ug/L # | 65 |
| 51) Chlorobenzene | 8.873 | 112 | 60798 | 6.992 | ug/L | 98 |
| 65) 1,4-Dichlorobenzene | 11.262 | 146 | 29363 | 4.389 | ug/L | 99 |
| 67) 1,2-Dichlorobenzene | 11.632 | 146 | 25584 | 3.800 | ug/L | 97 |

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

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Operator : SY/MD
Sample : N5919-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
MSVOA_V
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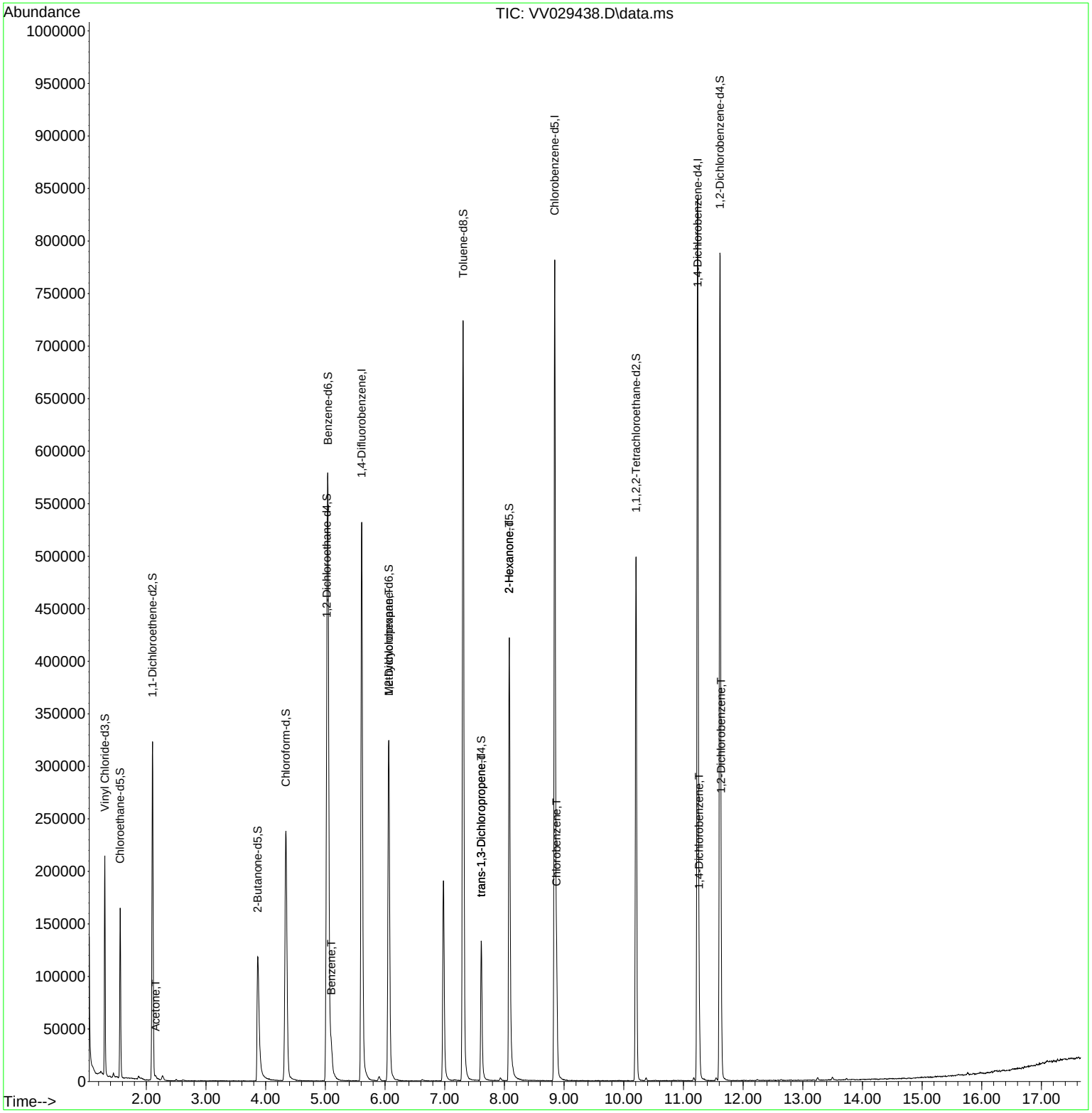
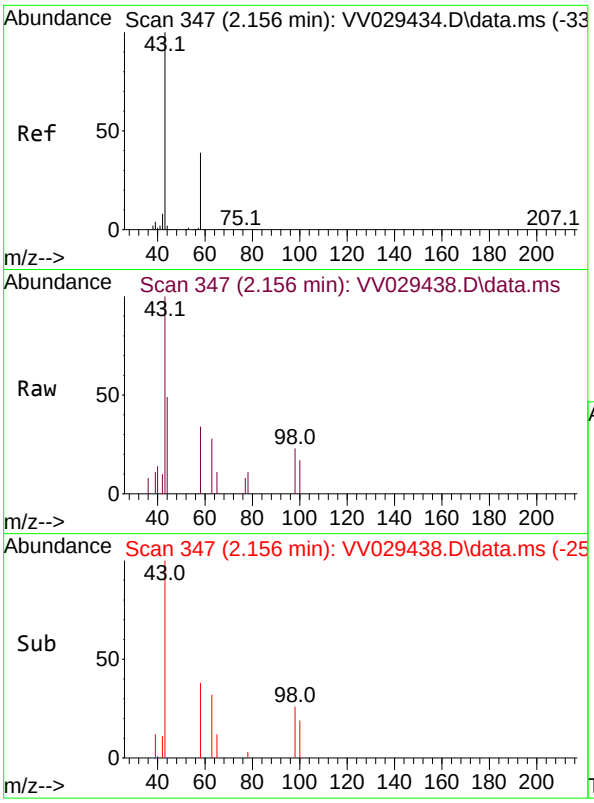
C0EE9

Quant Time: Dec 08 05:36:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 08 01:48:46 2022
Response via : Initial Calibration



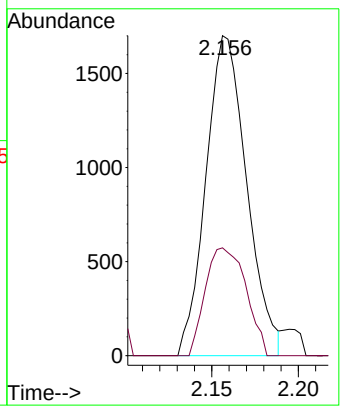


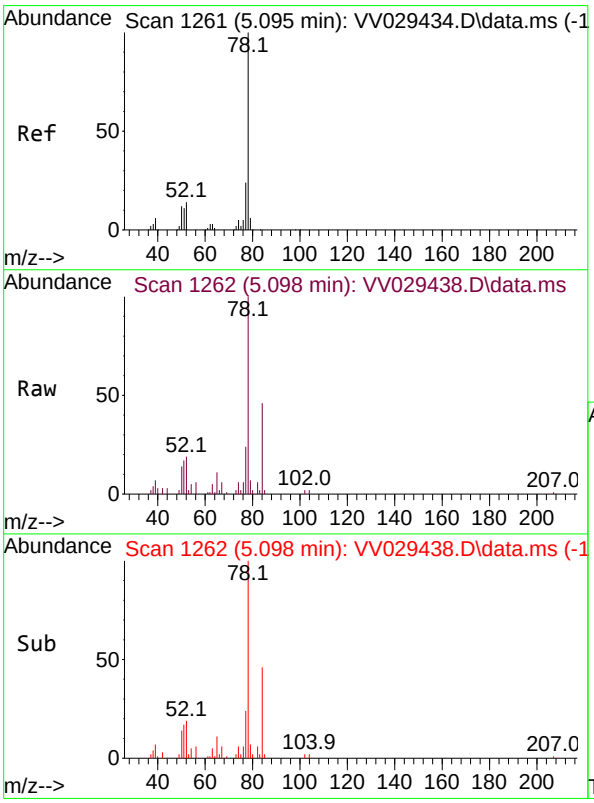

#13
Acetone
Concen: 2.333 ug/L
RT: 2.156 min Scan# 34
Delta R.T. 0.000 min
Lab File: VV029438.D
Acq: 07 Dec 2022 23:50

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0EE9

Tgt Ion: 43 Resp: 2788

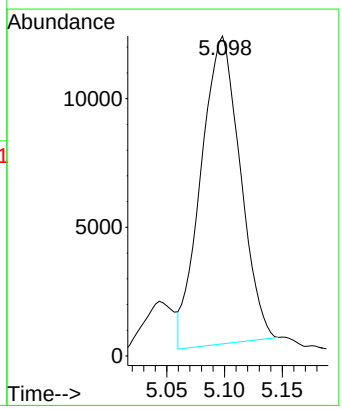
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.5 | 0.0 | 74.8 |

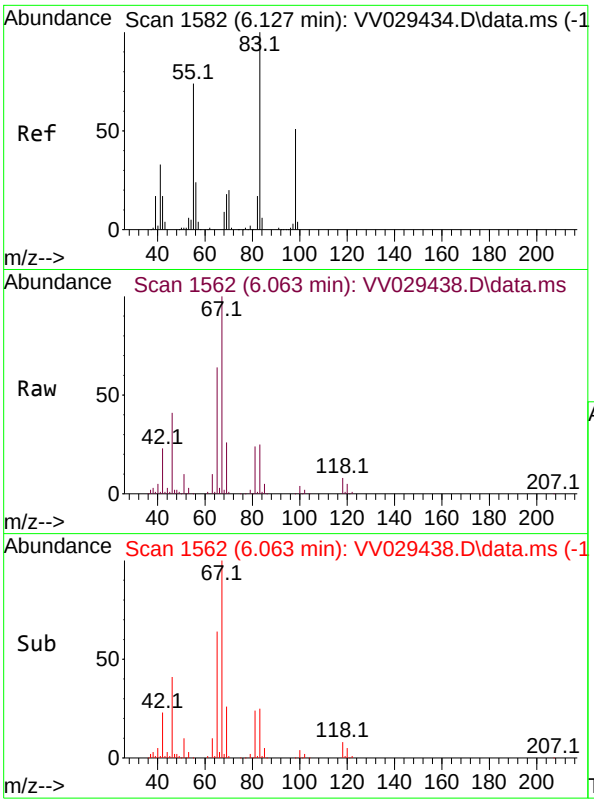



#33
Benzene
Concen: 2.215 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV029438.D
Acq: 07 Dec 2022 23:50

Tgt Ion: 78 Resp: 28252



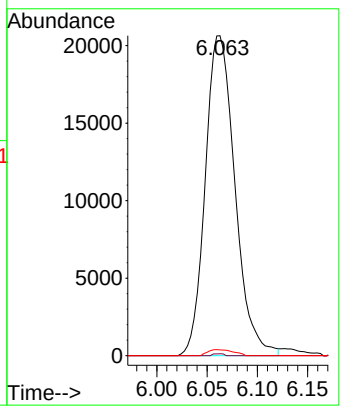


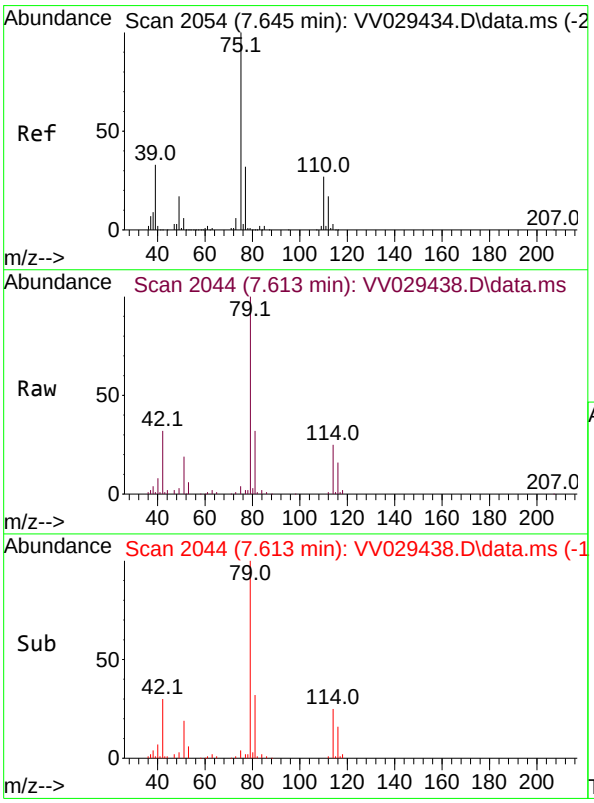

#35
Methylcyclohexane
Concen: 7.811 ug/L
RT: 6.063 min Scan# 1
Delta R.T. -0.064 min
Lab File: VV029438.D
Acq: 07 Dec 2022 23:50

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0EE9

Tgt Ion: 83 Resp: 42410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.1 | 55.5 | 83.3# |
| 98 | 1.6 | 39.8 | 59.8# |

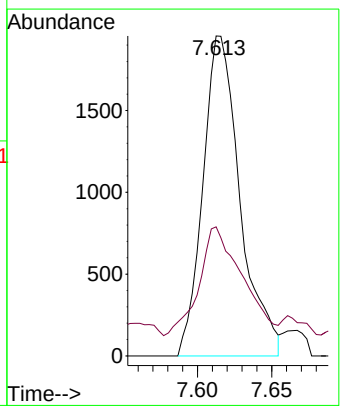


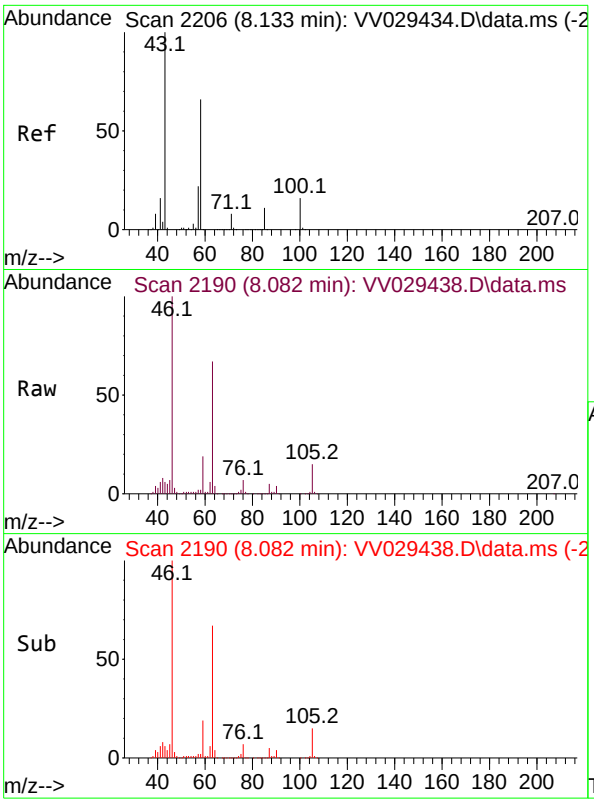




#44
trans-1,3-Dichloropropene
Concen: 0.710 ug/L
RT: 7.613 min Scan# 2044
Delta R.T. -0.032 min
Lab File: VV029438.D
Acq: 07 Dec 2022 23:50

Tgt Ion: 75 Resp: 3407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 40.3 | 22.3 | 41.5 |



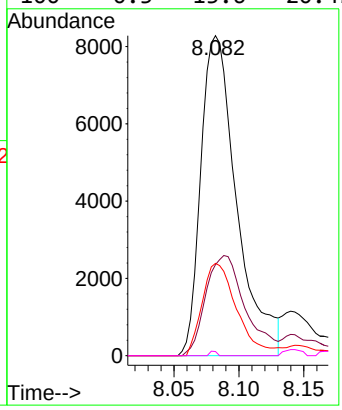


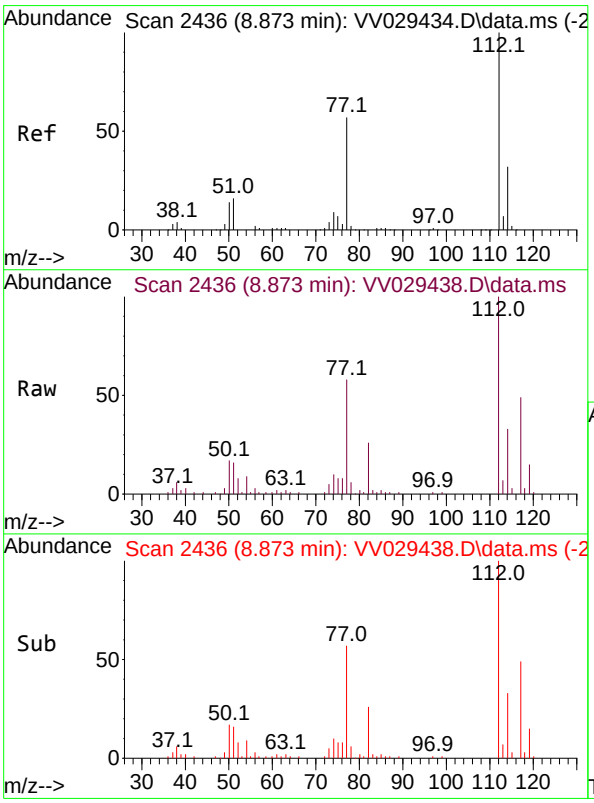

#48
2-Hexanone
Concen: 5.695 ug/L
RT: 8.082 min Scan# 21
Delta R.T. -0.051 min
Lab File: VV029438.D
Acq: 07 Dec 2022 23:50

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0EE9

Tgt Ion: 43 Resp: 15974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.7 | 54.1 | 81.1# |
| 57 | 27.4 | 17.4 | 26.0# |
| 100 | 0.3 | 13.6 | 20.4# |

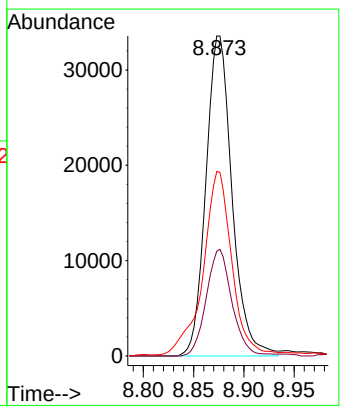


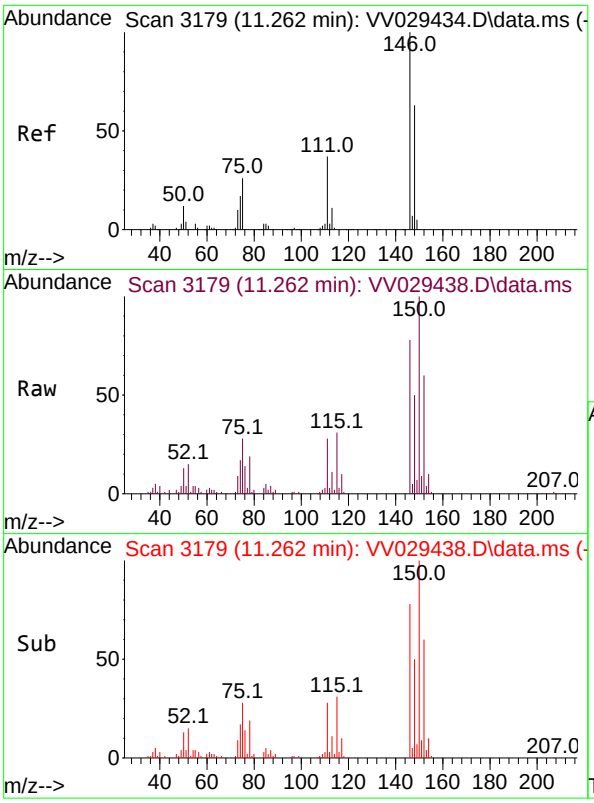




#51
Chlorobenzene
Concen: 6.992 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. 0.000 min
Lab File: VV029438.D
Acq: 07 Dec 2022 23:50

Tgt Ion:112 Resp: 60798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.7 | 22.3 | 41.3 |
| 77 | 57.7 | 45.0 | 67.4 |



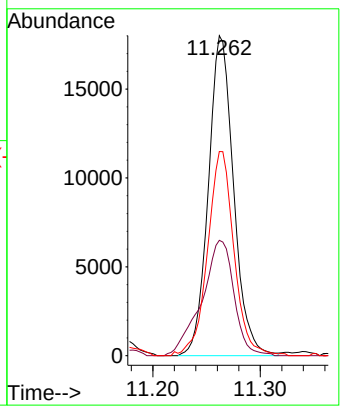


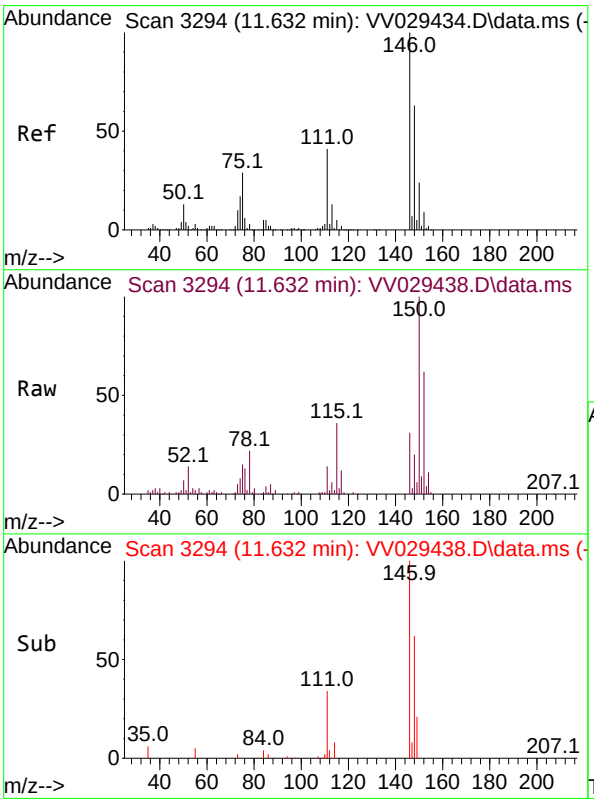

#65
1,4-Dichlorobenzene
Concen: 4.389 ug/L
RT: 11.262 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV029438.D
Acq: 07 Dec 2022 23:50

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0EE9

Tgt Ion:146 Resp: 29363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 36.1 | 26.2 | 48.8 |
| 148 | 63.8 | 44.7 | 83.1 |




#67
1,2-Dichlorobenzene
Concen: 3.800 ug/L
RT: 11.632 min Scan# 3294
Delta R.T. 0.000 min
Lab File: VV029438.D
Acq: 07 Dec 2022 23:50

Tgt Ion:146 Resp: 25584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.1 | 32.0 | 48.0 |
| 148 | 64.5 | 50.6 | 76.0 |