Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100621\
Data File : VV022641.D
Acq On : 06 Oct 2021 23:51
Operator : SY/MD
Sample : M4050-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Oct 07 07:47:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 07 07:45:03 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.619 | 114 | 102507 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.853 | 117 | 101633 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.249 | 152 | 47398 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.304 | 65 | 12944 | 3.941 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 78.800% | | | |
| 7) Chloroethane-d5 | 1.564 | 69 | 20374 | 4.602 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 92.000% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.108 | 63 | 26854 | 2.818 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 56.400%# | | | |
| 20) 2-Butanone-d5 | 3.883 | 46 | 89062 | 45.875 | ug/L | -0.03 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 91.740% | | | |
| 24) Chloroform-d | 4.352 | 84 | 55344 | 4.376 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 87.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.037 | 65 | 27620 | 4.636 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 92.800% | | | |
| 32) Benzene-d6 | 5.053 | 84 | 96729 | 4.224 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 84.400% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.069 | 67 | 34615 | 4.284 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 85.600% | | | |
| 41) Toluene-d8 | 7.320 | 98 | 74221 | 3.866 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 77.400% | | | |
| 43) trans-1,3-Dichloroprop... | 7.628 | 79 | 8851 | 4.139 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 82.800% | | | |
| 46) 2-Hexanone-d5 | 8.088 | 63 | 56805 | 42.903 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 85.800% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220 | 84 | 27067 | 4.409 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 88.200% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.625 | 152 | 35477 | 4.839 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 96.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 13) Acetone | 2.172 | 43 | 14898 | 14.270 | ug/L # | 34 |
| 14) Carbon disulfide | 2.294 | 76 | 4729 | 0.257 | ug/L | 97 |
| 15) Methyl Acetate | 2.172 | 43 | 13896 | 4.520 | ug/L # | 62 |
| 27) 1,2-Dichloroethane | 5.053 | 62 | 583 | 0.082 | ug/L # | 74 |
| 35) Methylcyclohexane | 6.069 | 83 | 8285 | 0.743 | ug/L # | 25 |
| 37) 1,2-Dichloropropane | 6.072 | 63 | 4166 | 0.623 | ug/L # | 84 |
| 48) 2-Hexanone | 8.143 | 43 | 6111 | 2.308 | ug/L # | 87 |
| 61) 1,2,3-Trichloropropane | 11.252 | 75 | 5100 | 1.452 | ug/L # | 62 |

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

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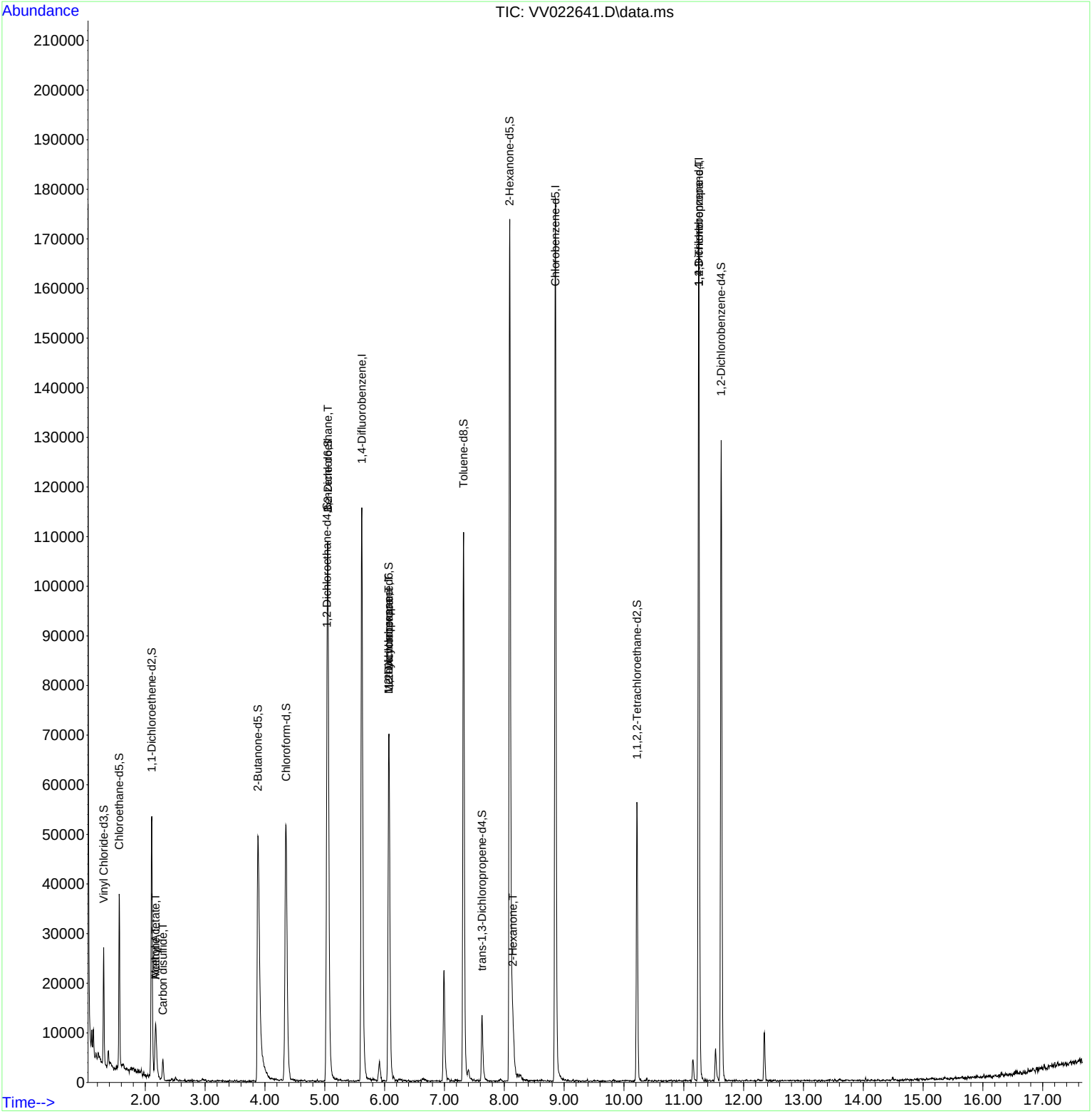
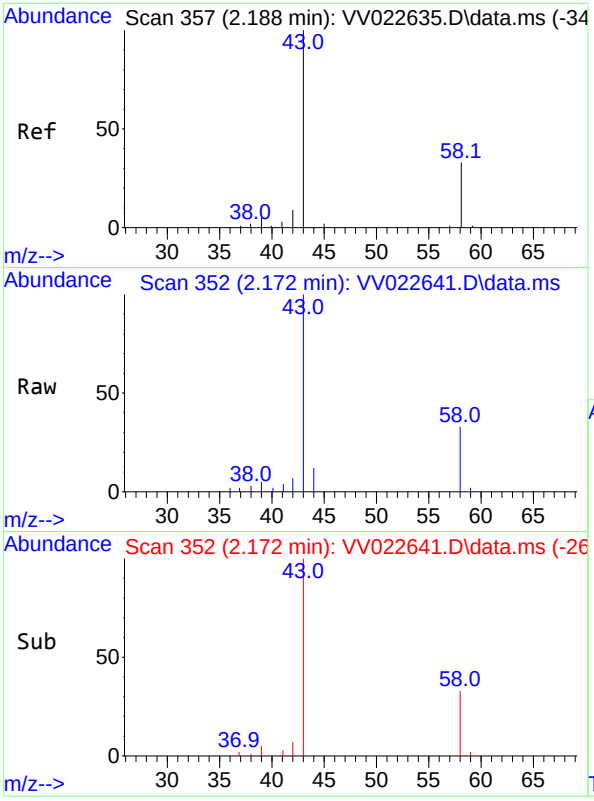
**ClientSampleId :**

Quant Time: Oct 07 07:47:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 07 07:45:03 2021
Response via : Initial Calibration



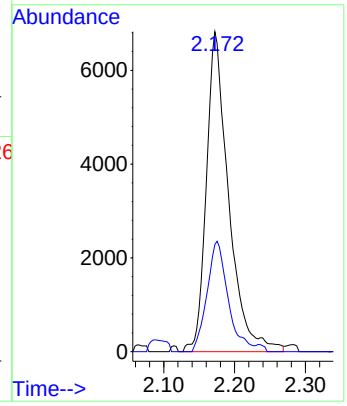
**Instrument :**
MSVOA_V
**ClientSampleId :**

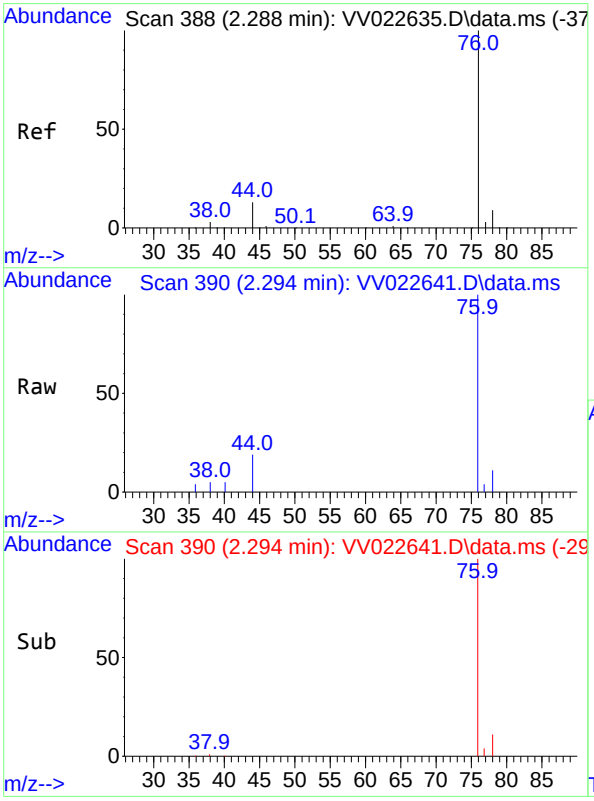



#13
Acetone
Concen: 14.270 ug/L
RT: 2.172 min Scan# 352
Delta R.T. -0.016 min
Lab File: VV022641.D
Acq: 06 Oct 2021 23:51

Tgt Ion: 43 Resp: 14898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.5 | 0.0 | 17.6# |

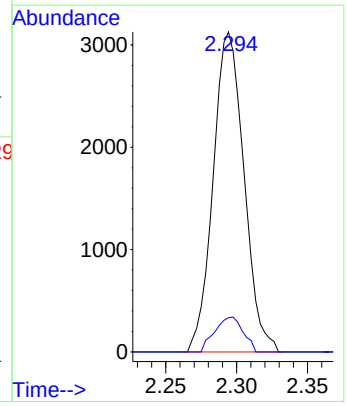


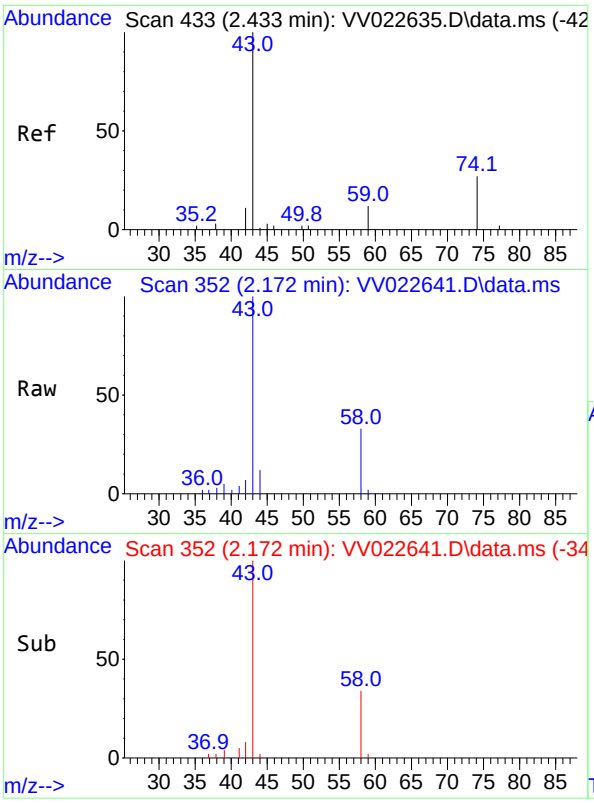

#14
Carbon disulfide
Concen: 0.257 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.006 min
Lab File: VV022641.D
Acq: 06 Oct 2021 23:51

Tgt Ion: 76 Resp: 4729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.7 | 7.8 | 11.6 |



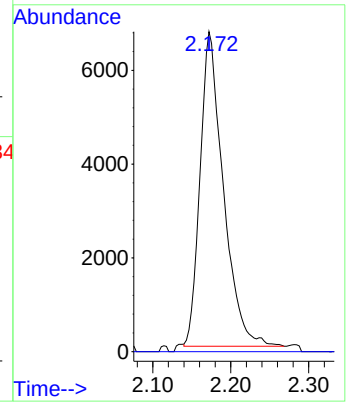
**Instrument :**
MSVOA_V
**ClientSampleId :**

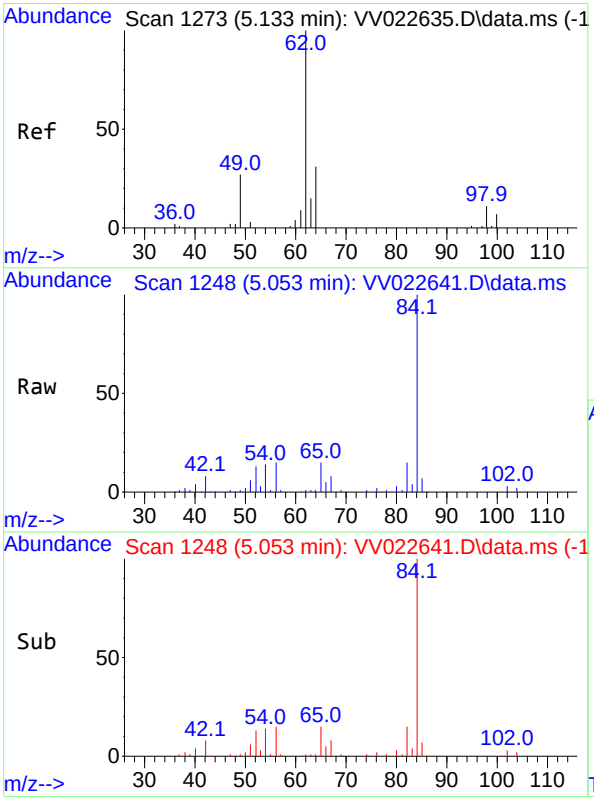



#15
Methyl Acetate
Concen: 4.520 ug/L
RT: 2.172 min Scan# 352
Delta R.T. -0.261 min
Lab File: VV022641.D
Acq: 06 Oct 2021 23:51

Tgt Ion: 43 Resp: 13896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 13.0 | 19.4# |

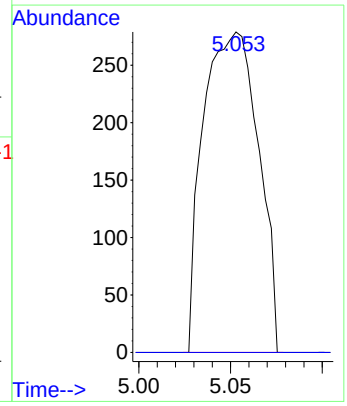


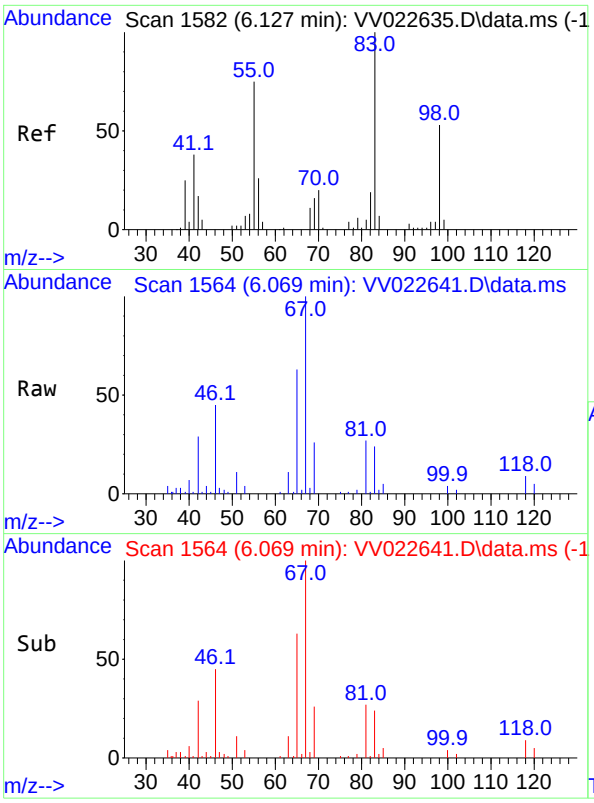




#27
1,2-Dichloroethane
Concen: 0.082 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.081 min
Lab File: VV022641.D
Acq: 06 Oct 2021 23:51

Tgt Ion: 62 Resp: 583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 7.4 | 11.2# |

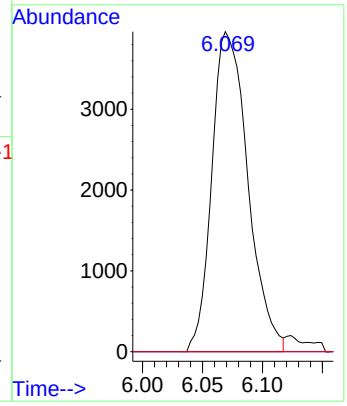




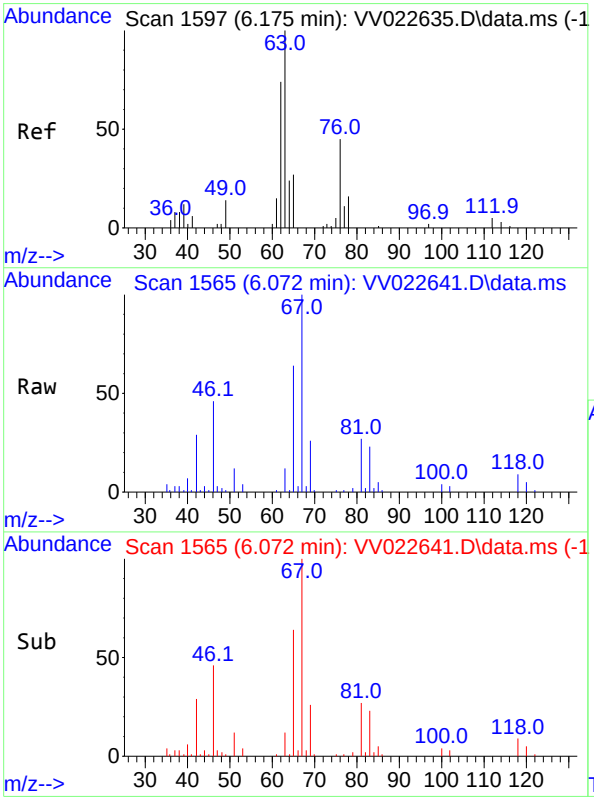

#35
Methylcyclohexane
Concen: 0.743 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV022641.D
Acq: 06 Oct 2021 23:51

Tgt Ion: 83 Resp: 8285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 57.8 | 86.8# |
| 98 | 9.8 | 39.8 | 59.8# |



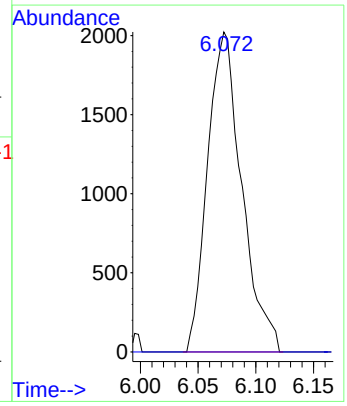

**Instrument :**
MSVOA_V
**ClientSampleId :**

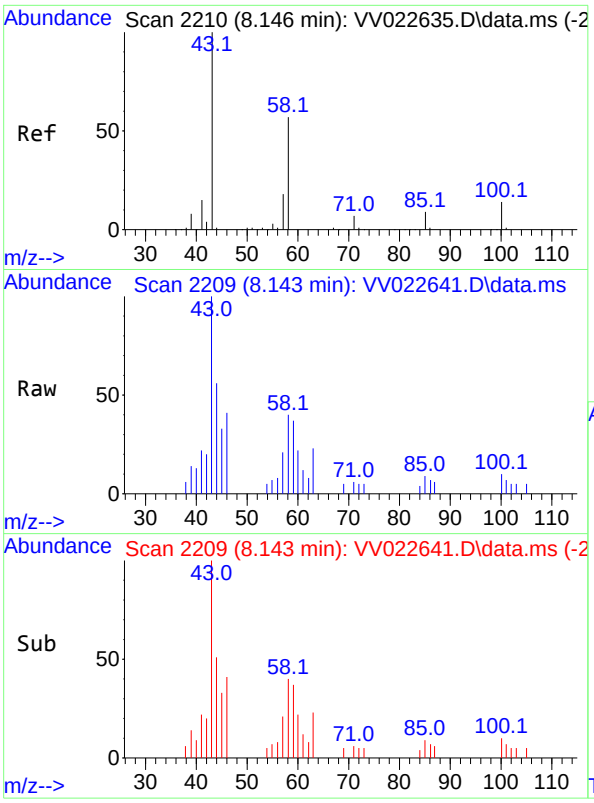



#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV022641.D
Acq: 06 Oct 2021 23:51

Tgt Ion: 63 Resp: 4166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 4.3 | 6.5# |

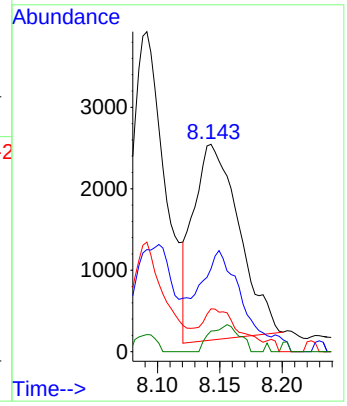




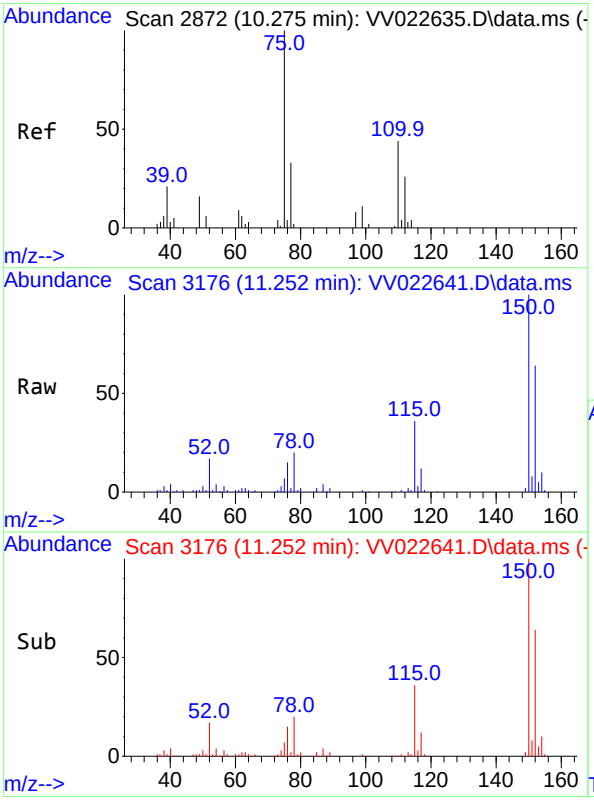

#48
2-Hexanone
Concen: 2.308 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VV022641.D
Acq: 06 Oct 2021 23:51

Tgt Ion: 43 Resp: 6111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 46.8 | 46.4 | 69.6 |
| 57 | 17.7 | 16.3 | 24.5 |
| 100 | 8.8 | 11.0 | 16.6# |




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




#61
1,2,3-Trichloropropane
Concen: 1.452 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV022641.D
Acq: 06 Oct 2021 23:51

Tgt Ion: 75 Resp: 5100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.1 | 26.1 | 39.1 |
| 110 | 0.9 | 33.0 | 49.6# |