Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018477.D
Acq On : 25 Sep 2020 23:26
Operator : SY/MD
Sample : L4117-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** E0AB1

Quant Time: Sep 26 02:58:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 26 02:48:35 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 351907 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 330950 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 153293 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 122141 | 42.59 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 85.18% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 106858 | 45.53 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 91.06% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 170418 | 32.39 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 64.78% | | | |
| 21) 2-Butanone-d5 | 3.92 | 46 | 166786 | 95.01 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 95.01% | | | |
| 24) Chloroform-d | 4.38 | 84 | 223128 | 44.84 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 89.68% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 145502 | 45.62 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 91.24% | | | |
| 32) Benzene-d6 | 5.08 | 84 | 460869 | 48.64 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 97.28% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.09 | 67 | 147610 | 49.03 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 98.06% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 406714 | 47.10 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 94.20% | | | |
| 43) trans-1,3-Dichloropropene- | 7.64 | 79 | 68703 | 44.91 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 89.82% | | | |
| 47) 2-Hexanone-d5 | 8.11 | 63 | 101991 | 89.44 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 89.44% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 178313 | 47.19 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 94.38% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 157943 | 50.17 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 100.34% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 34) Trichloroethene | 5.95 | 95 | 1870 | 0.725 | ug/L | 92 |
| 35) Methylcyclohexane | 6.10 | 83 | 35445 | 9.133 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 6.09 | 63 | 15733 | 6.275 | ug/L # | 87 |
| 39) cis-1,3-Dichloropropene | 7.01 | 75 | 3754 | 0.972 | ug/L # | 74 |
| 48) 2-Hexanone | 8.16 | 43 | 7546 | 3.147 | ug/L # | 40 |
| 59) 1,2,3-Trichloropropane | 11.27 | 75 | 17062 | 5.785 | ug/L | 90 |

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

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**Instrument :**
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E0AB1

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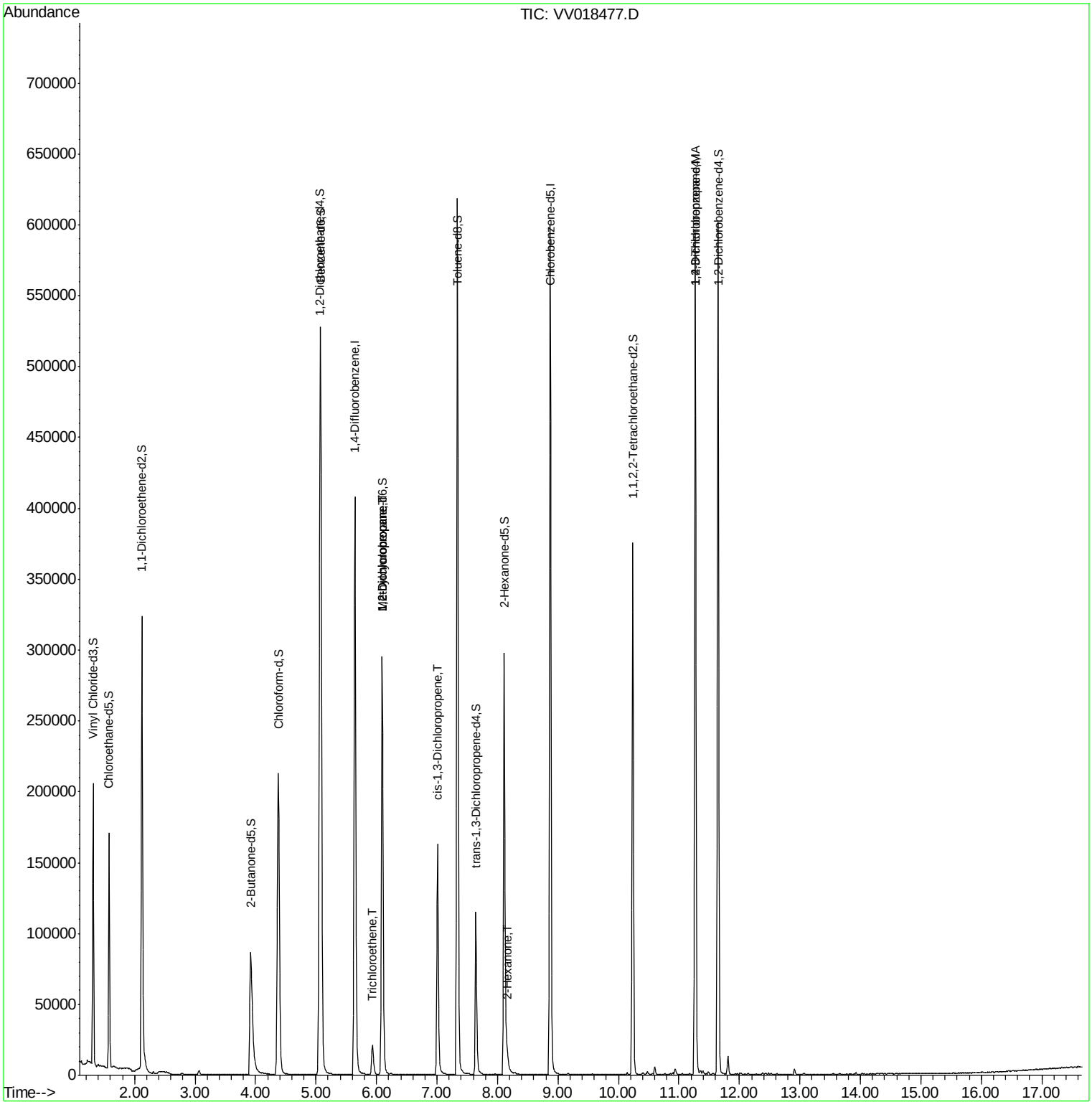
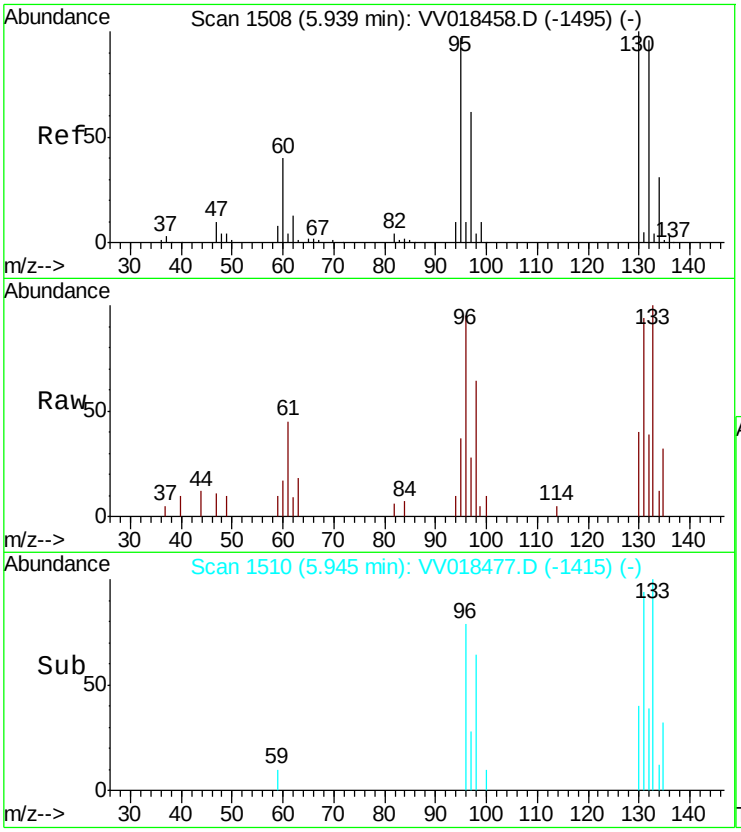
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 26 02:48:35 2020
Response via : Initial Calibration



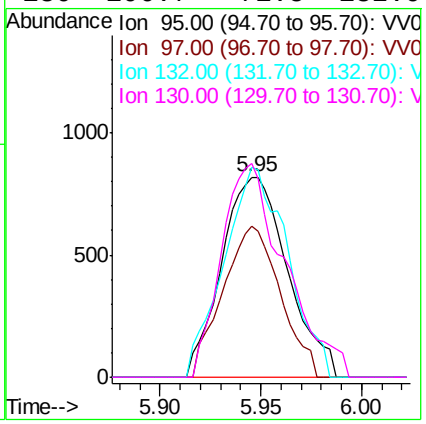


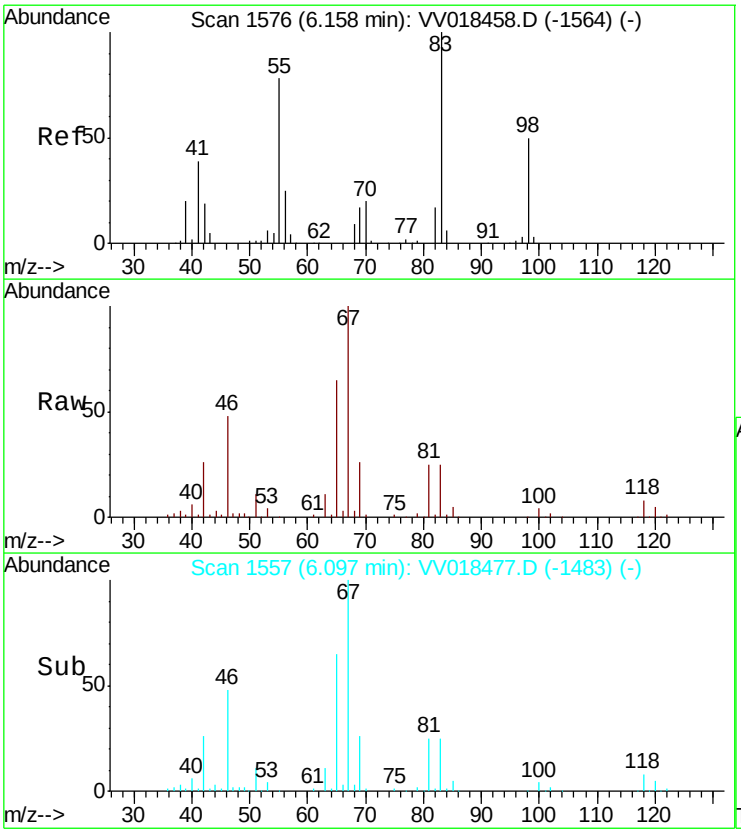

#34
Trichloroethene
Concen: 0.725 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV018477.D
Acq: 25 Sep 2020 23:26

**Instrument :**
MSVOA_V
**ClientSampleId :**
E0AB1

Tgt Ion: 95 Resp: 1870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 75.7 | 46.3 | 85.9 |
| 132 | 105.0 | 68.1 | 126.5 |
| 130 | 106.7 | 71.5 | 132.9 |

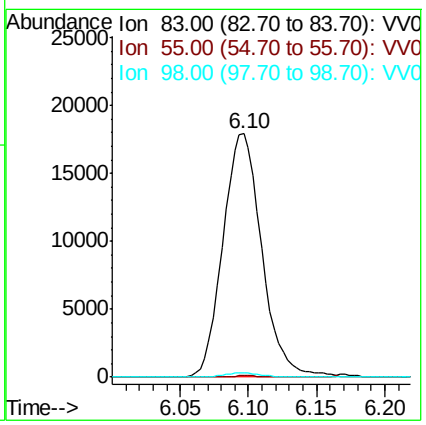


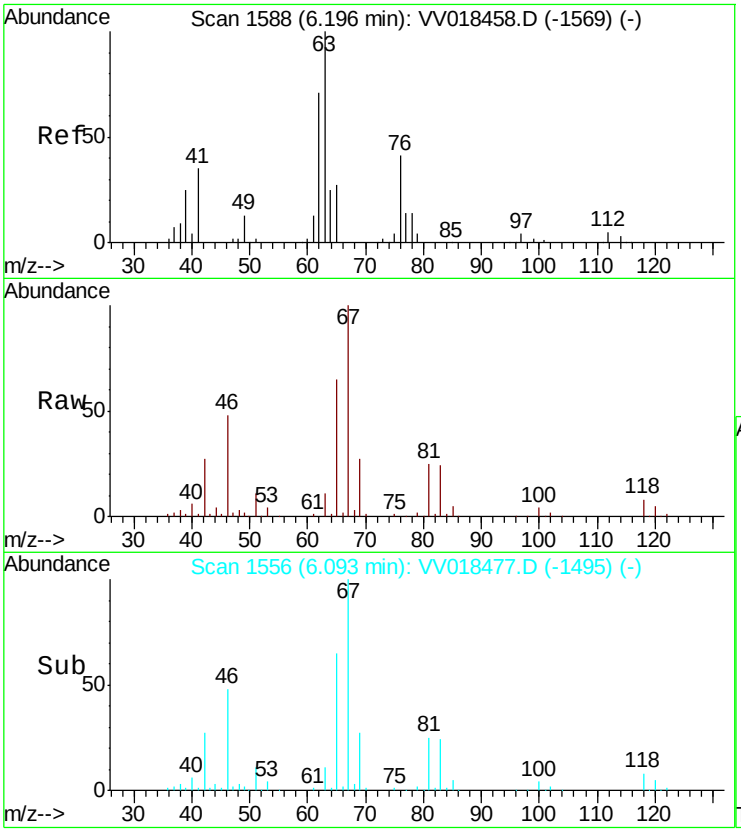




#35
Methylcyclohexane
Concen: 9.133 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV018477.D
Acq: 25 Sep 2020 23:26

Tgt Ion: 83 Resp: 35445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.3 | 63.4 | 95.2# |
| 98 | 1.4 | 38.8 | 58.2# |



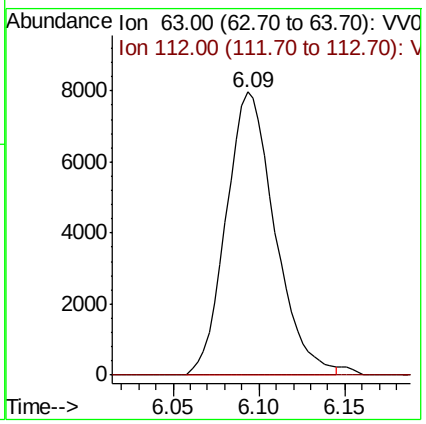


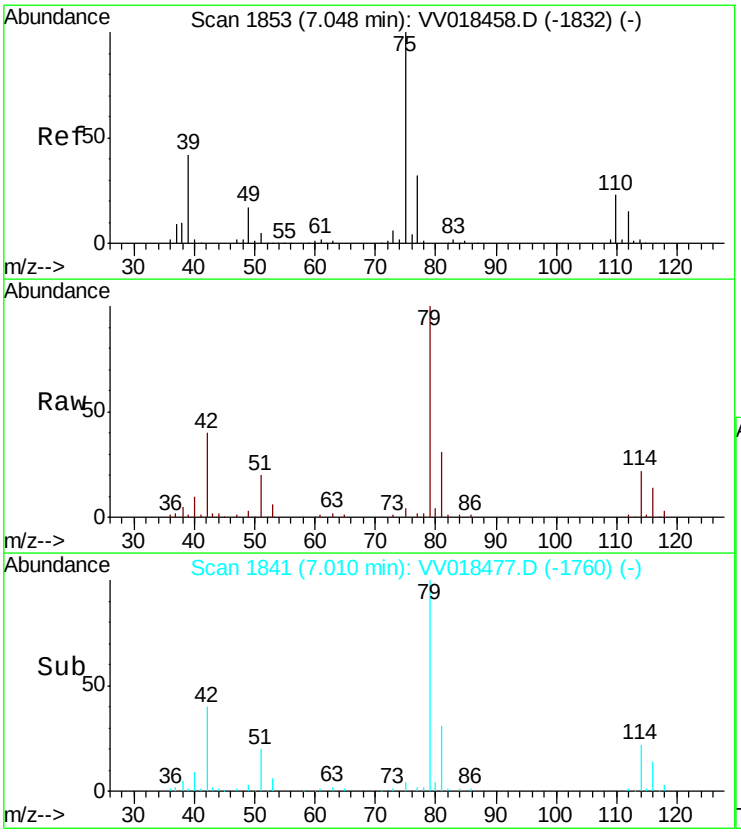

#37
1,2-Dichloropropane
Concen: 6.275 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018477.D
Acq: 25 Sep 2020 23:26

**Instrument :**
MSVOA_V
**ClientSampleId :**
E0AB1

Tgt Ion: 63 Resp: 15733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.4 | 5.2# |

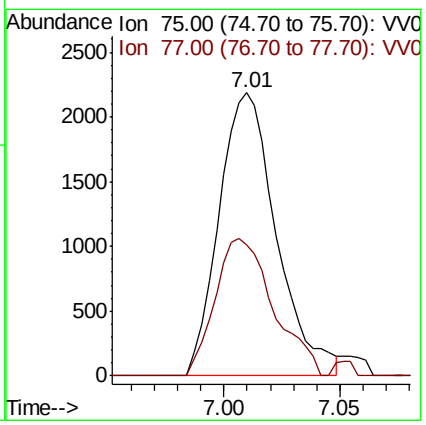


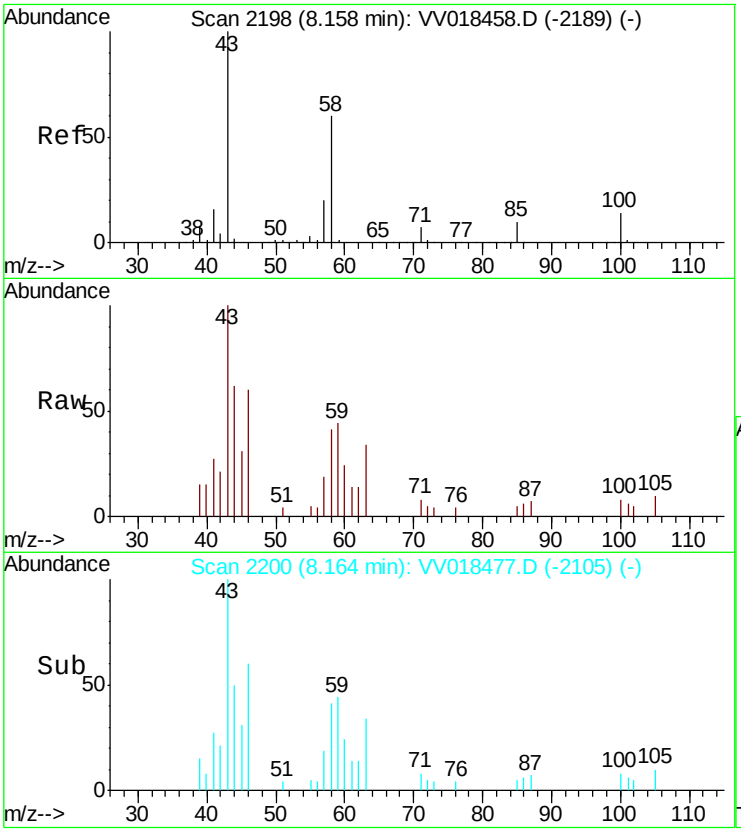




#39
cis-1,3-Dichloropropene
Concen: 0.972 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV018477.D
Acq: 25 Sep 2020 23:26

Tgt Ion: 75 Resp: 3754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 46.3 | 22.3 | 41.3# |



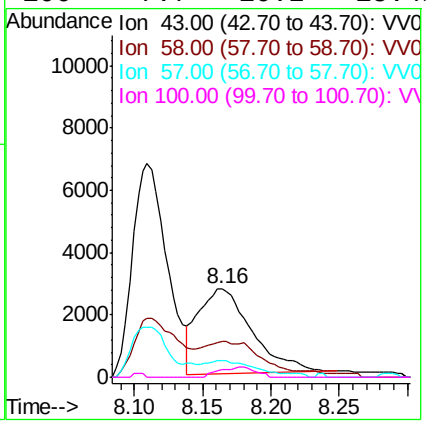


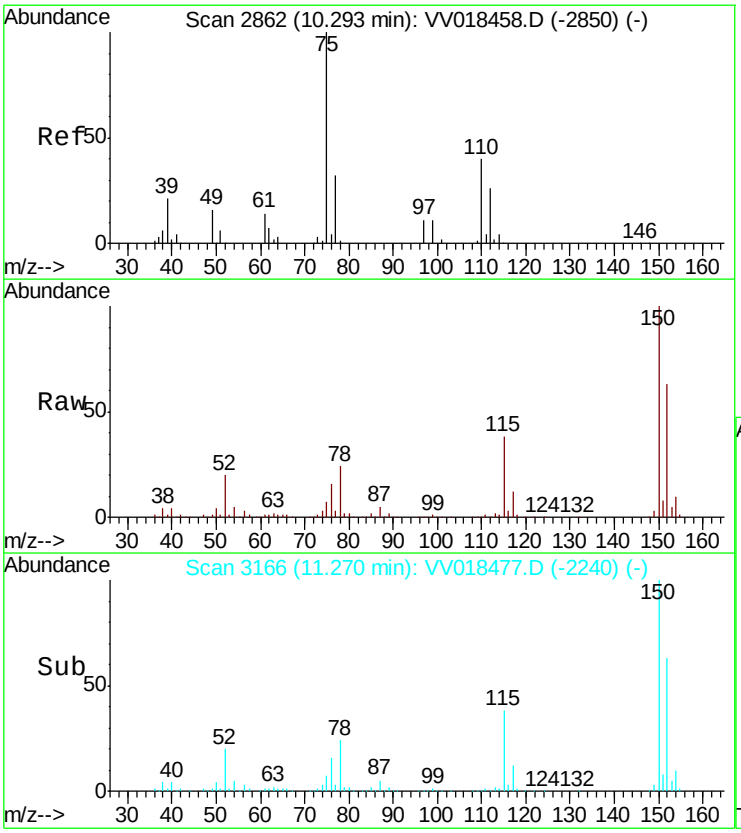

#48
2-Hexanone
Concen: 3.147 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018477.D
Acq: 25 Sep 2020 23:26

**Instrument :** MSVOA_V
**ClientSampleId :** E0AB1

Tgt Ion: 43 Resp: 7546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 44.8 | 67.2# |
| 57 | 0.6 | 15.8 | 23.6# |
| 100 | 7.7 | 10.2 | 15.4# |




#59
1,2,3-Trichloropropane
Concen: 5.785 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018477.D
Acq: 25 Sep 2020 23:26

Tgt Ion: 75 Resp: 17062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.8 | 25.8 | 38.6 |