Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112119\
Data File : VV013715.D
Acq On : 21 Nov 2019 15:54
Operator : SY/MD
Sample : K5941-08 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** B0AC0

Quant Time: Nov 22 05:24:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 03:55:18 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 281831 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 276324 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152 | 133861 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 124555 | 7.15 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 143.00%# | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 103073 | 6.63 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 132.60%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 187709 | 6.01 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 120.20% | | | |
| 20) 2-Butanone-d5 | 3.95 | 46 | 344779 | 85.64 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 171.28%# | | | |
| 24) Chloroform-d | 4.39 | 84 | 265448 | 6.90 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 138.00%# | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 137347 | 7.43 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 148.60%# | | | |
| 32) Benzene-d6 | 5.09 | 84 | 540755 | 7.02 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 140.40%# | | | |
| 36) 1,2-Dichloropropane-d6 | 6.11 | 67 | 163992 | 7.21 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 144.20%# | | | |
| 41) Toluene-d8 | 7.35 | 98 | 469066 | 6.55 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 131.00%# | | | |
| 43) trans-1,3-Dichloropropene- | 7.66 | 79 | 55410 | 6.33 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 126.60% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 243595 | 73.49 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 146.98%# | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 123672 | 7.51 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 150.20%# | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 190043 | 7.38 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 147.60%# | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.25 | 50 | 2282 | 0.092 | ug/L | 84 |
| 12) 1,1-Dichloroethene | 2.13 | 96 | 29312 | 1.741 | ug/L # | 1 |
| 16) Methylene chloride | 2.53 | 84 | 6328 | 0.270 | ug/L | 95 |
| 19) 1,1-Dichloroethane | 3.22 | 63 | 125461 | 3.383 | ug/L | 98 |
| 34) Trichloroethene | 5.96 | 95 | 44174 | 1.973 | ug/L | 93 |
| 52) Ethylbenzene | 9.05 | 91 | 6474 | 0.068 | ug/L | 97 |
| 54) o-xylene | 9.59 | 106 | 2827 | 0.082 | ug/L | 90 |

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

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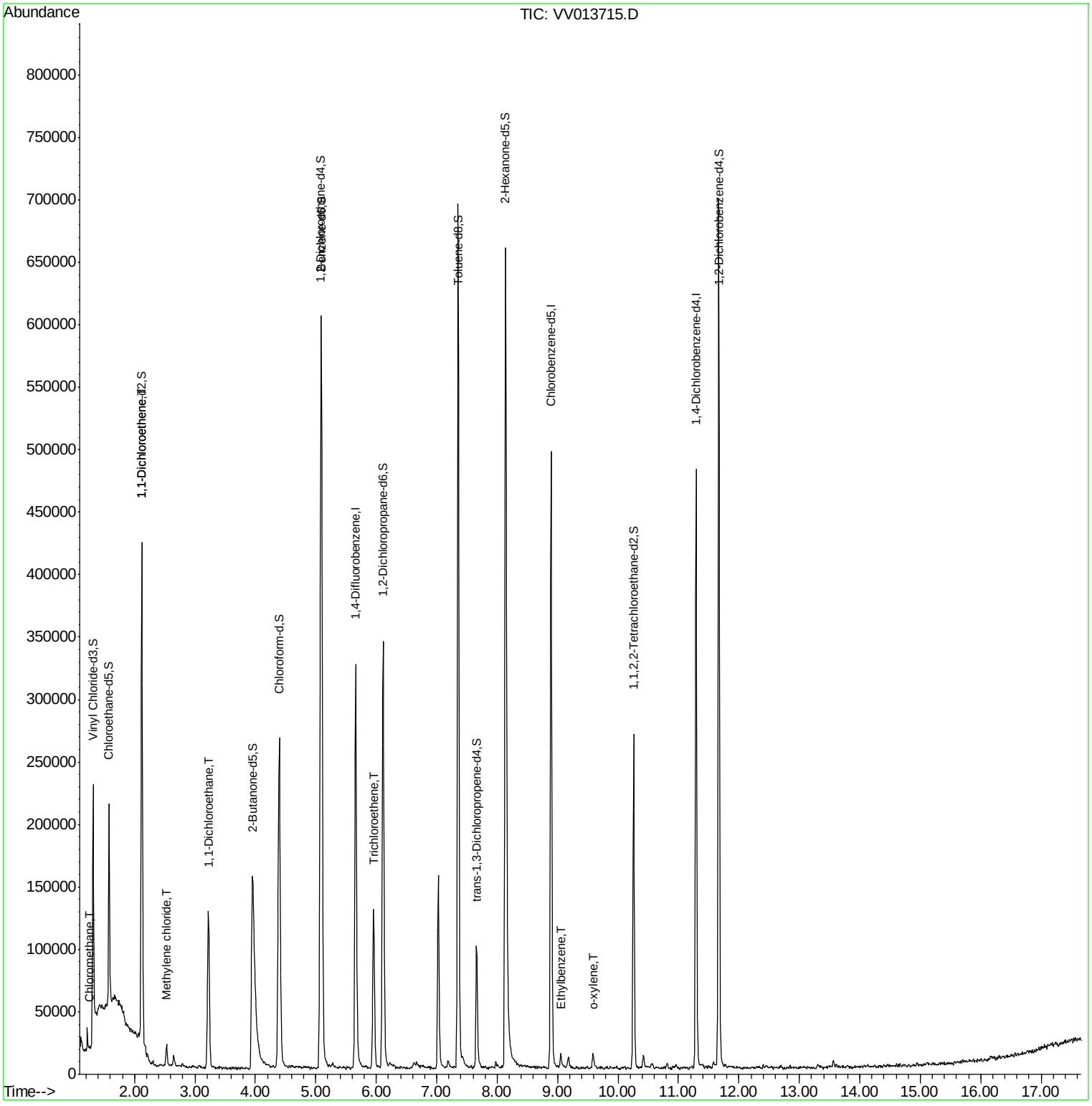
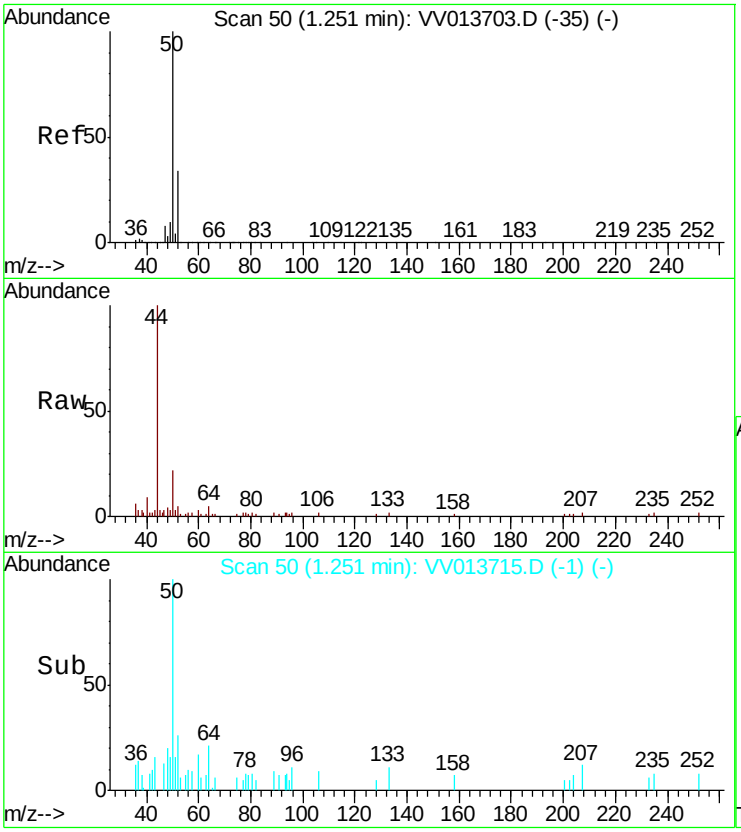
**ClientSampleId :** B0AC0

Quant Time: Nov 22 05:24:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 03:55:18 2019
Response via : Initial Calibration



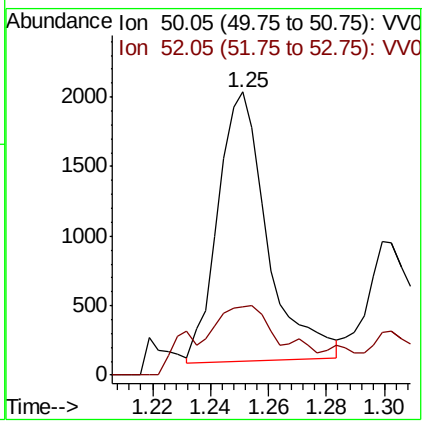


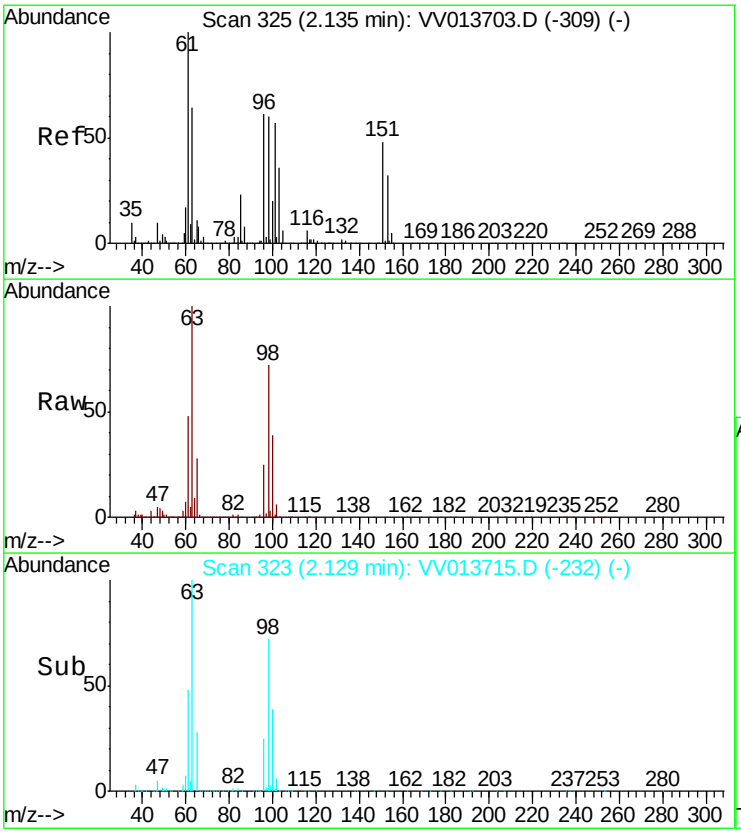

#3
Chloromethane
Concen: 0.092 ug/L
RT: 1.25 min Scan# 50
Delta R.T. -0.00 min
Lab File: VV013715.D
Acq: 21 Nov 2019 15:54

**Instrument :**
MSVOA_V
**ClientSampleId :**
B0AC0

Tgt Ion: 50 Resp: 2282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 24.1 | 23.4 | 43.4 |

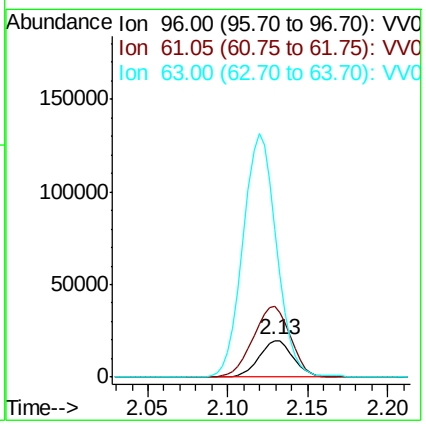


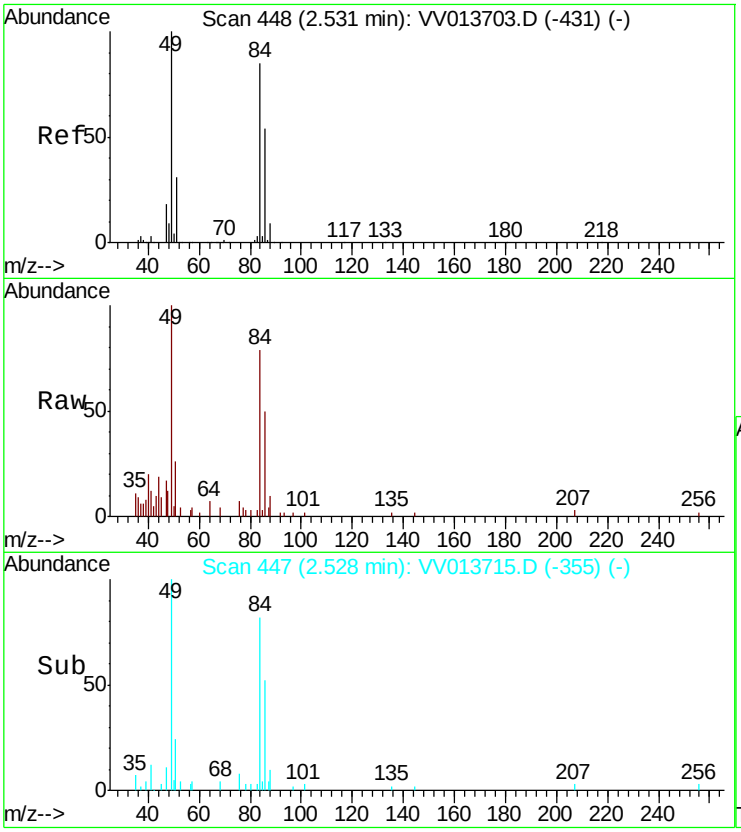




#12
1,1-Dichloroethene
Concen: 1.741 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV013715.D
Acq: 21 Nov 2019 15:54

Tgt Ion: 96 Resp: 29312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 192.0 | 112.5 | 208.9 |
| 63 | 401.4 | 76.9 | 142.7# |



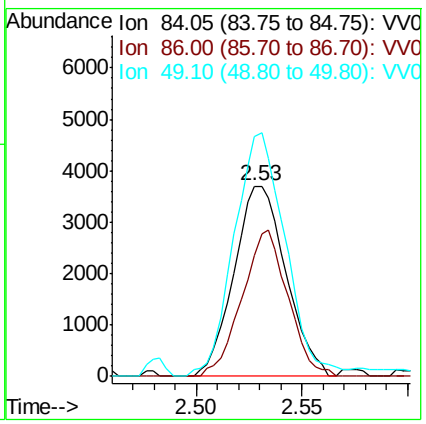


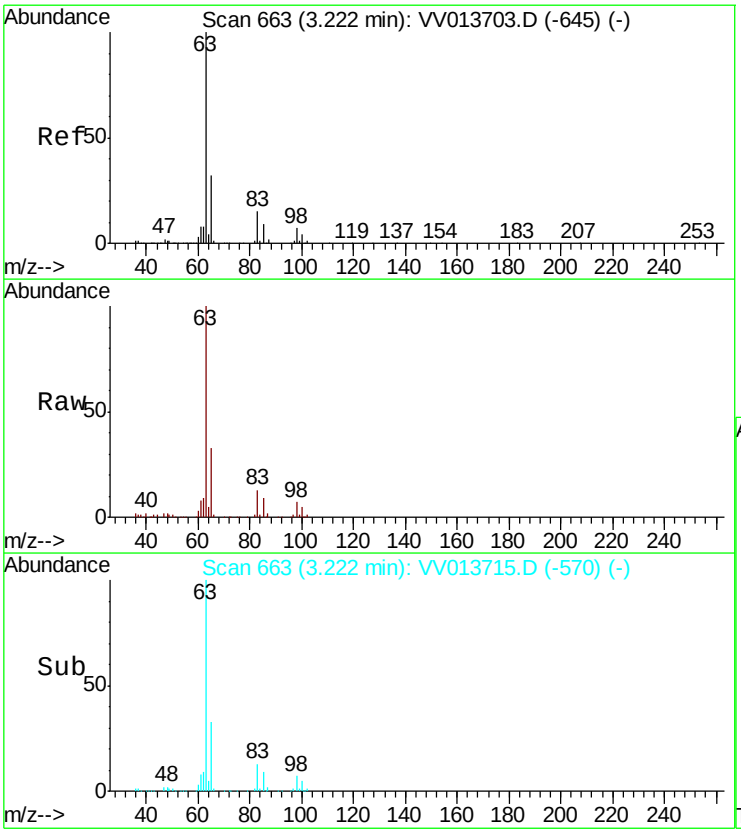

#16
Methylene chloride
Concen: 0.270 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV013715.D
Acq: 21 Nov 2019 15:54

**Instrument :** MSVOA_V
**ClientSampleId :** B0AC0

Tgt Ion: 84 Resp: 6328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 63.9 | 44.1 | 81.9 |
| 49 | 126.5 | 83.4 | 155.0 |

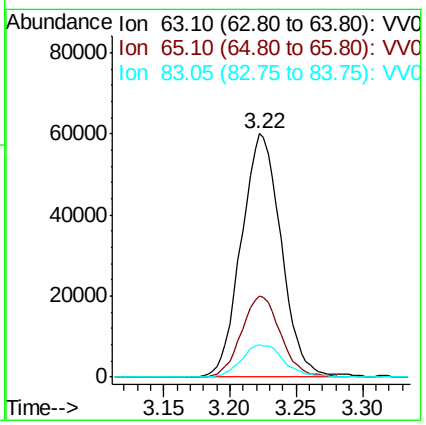


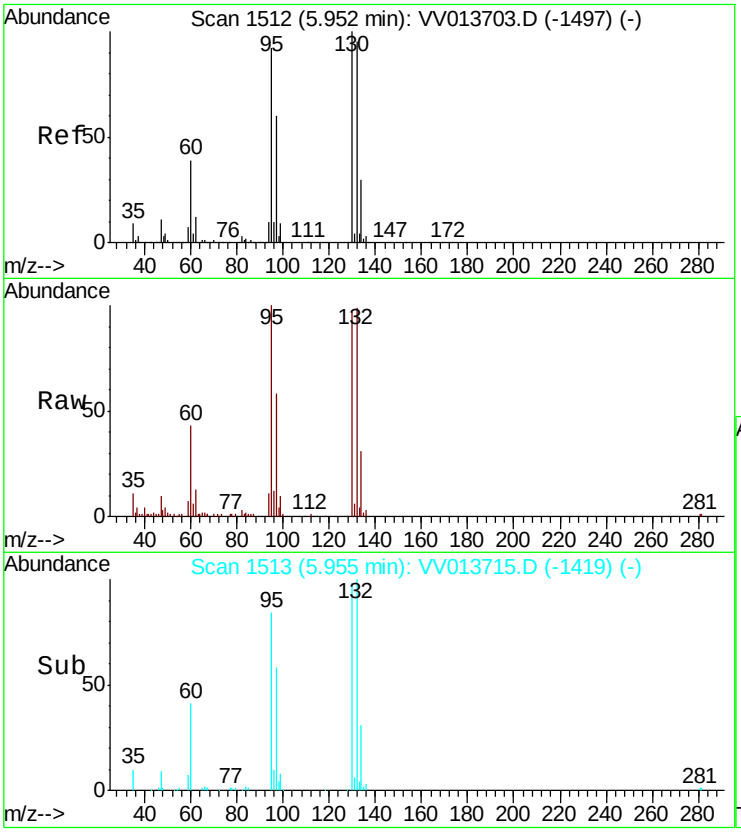




#19
1,1-Dichloroethane
Concen: 3.383 ug/L
RT: 3.22 min Scan# 663
Delta R.T. -0.00 min
Lab File: VV013715.D
Acq: 21 Nov 2019 15:54

Tgt Ion: 63 Resp: 125461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 33.1 | 22.5 | 41.7 |
| 83 | 13.2 | 9.7 | 17.9 |



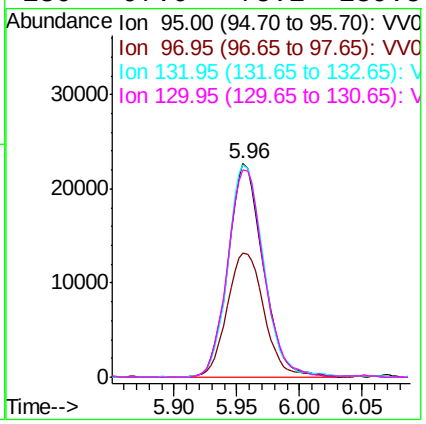


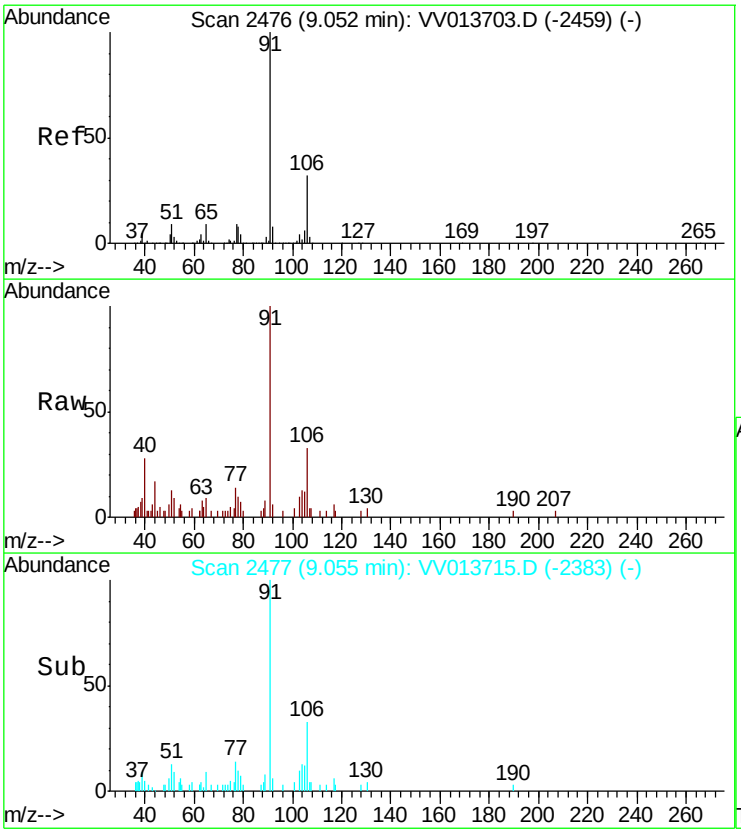

#34
Trichloroethene
Concen: 1.973 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013715.D
Acq: 21 Nov 2019 15:54

**Instrument :** MSVOA_V
**ClientSampleId :** B0AC0

Tgt Ion: 95 Resp: 44174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 58.1 | 44.8 | 83.2 |
| 132 | 99.3 | 72.9 | 135.3 |
| 130 | 97.0 | 75.1 | 139.5 |

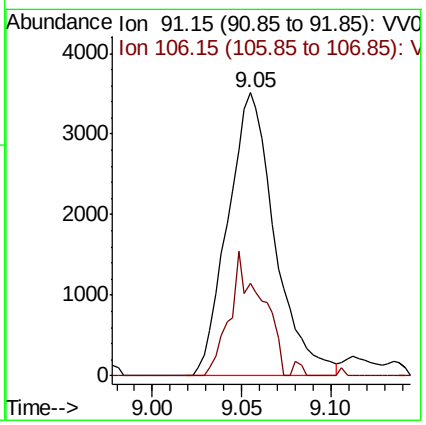


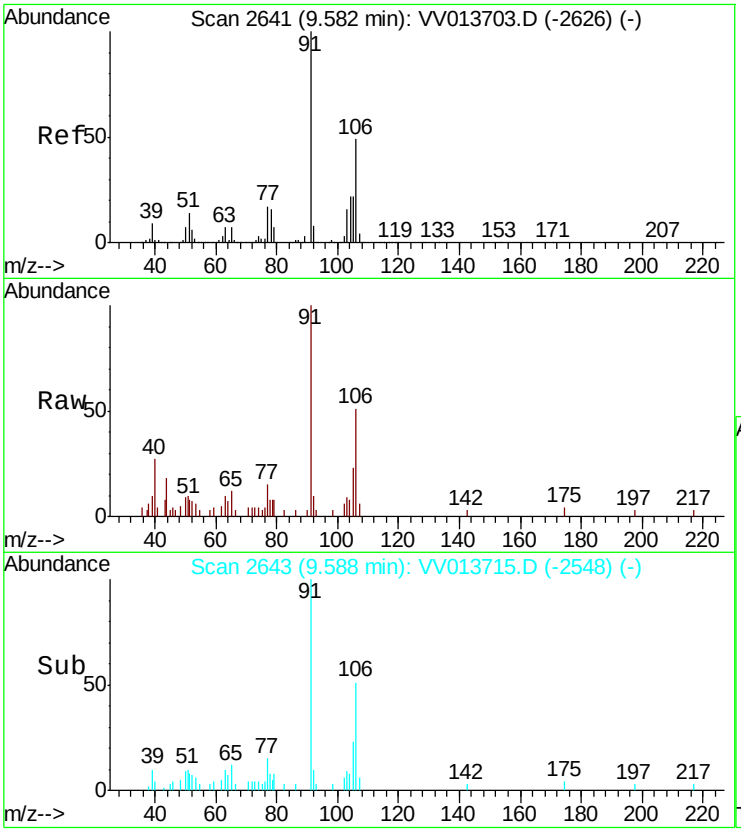




#52
Ethylbenzene
Concen: 0.068 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV013715.D
Acq: 21 Nov 2019 15:54

Tgt Ion: 91 Resp: 6474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 32.6 | 21.7 | 40.3 |






#54
o-xylene
Concen: 0.082 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.01 min
Lab File: VV013715.D
Acq: 21 Nov 2019 15:54

Tgt Ion:106 Resp: 2827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 195.0 | 146.9 | 272.7 |

**Instrument :**
MSVOA_V
**ClientSampleId :**
B0AC0