Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY060920\
Data File : VY002868.D
Acq On : 09 Jun 2020 12:57
Operator : SY/MD
Sample : L2946-05RE
Misc : 5.34G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** CUTTINGSRE

Quant Time: Jun 10 05:11:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.80 | 168 | 238069 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.69 | 114 | 375661 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.49 | 117 | 286039 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152 | 84434 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.15 | 65 | 110997 | 53.70 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 107.40% | | | |
| 35) Dibromofluoromethane | 7.72 | 113 | 114637 | 52.07 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.14% | | | |
| 50) Toluene-d8 | 10.18 | 98 | 424767 | 47.72 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.44% | | | |
| 62) 4-Bromofluorobenzene | 12.48 | 95 | 93829 | 30.84 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 61.68% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 3.96 | 43 | 671 | 1.384 | ug/l # | 72 |
| 18) Methyl Acetate | 4.49 | 43 | 666 | Below Cal | # | 54 |
| 20) Methylene Chloride | 4.73 | 84 | 10507 | 4.436 | ug/l | 89 |
| 31) Cyclohexane | 7.80 | 56 | 3539 | 1.009 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 7.80 | 75 | 14709 | 4.648 | ug/l # | 49 |
| 38) Carbon Tetrachloride | 7.80 | 117 | 21581 | 6.139 | ug/l # | 15 |
| 76) 1,2,3-Trichloropropane | 12.48 | 75 | 44719 | 58.778 | ug/l # | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.48 | 75 | 44719 | 110.738 | ug/l # | 17 |

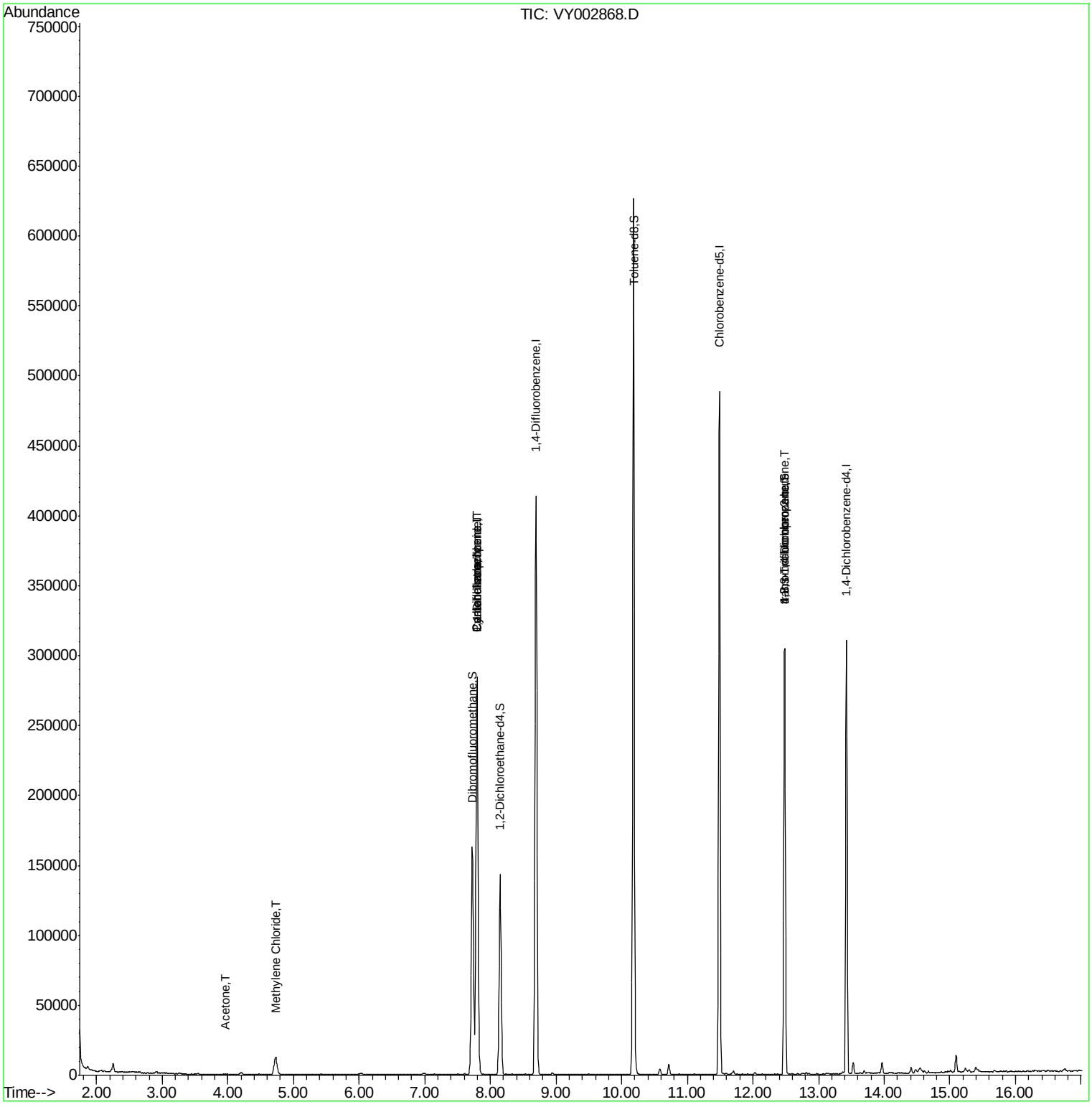
(#) = qualifier out of range (m) = manual integration (+) = signals summed

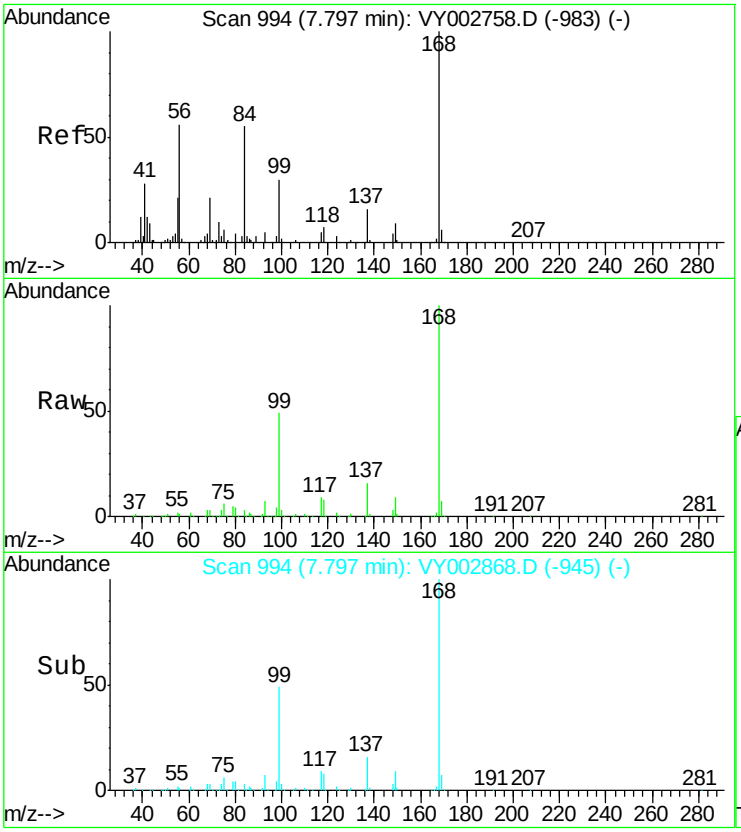
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY060920\
Data File : VY002868.D
Acq On : 09 Jun 2020 12:57
Operator : SY/MD
Sample : L2946-05RE
Misc : 5.34G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
CUTTINGSRE

Quant Time: Jun 10 05:11:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration



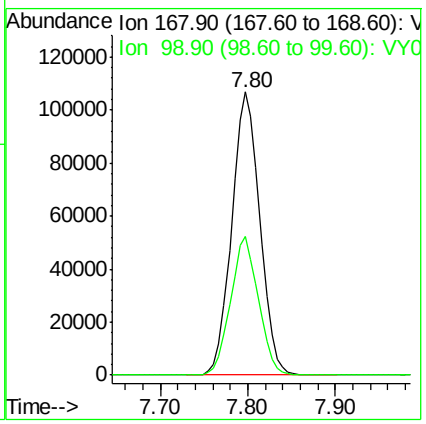


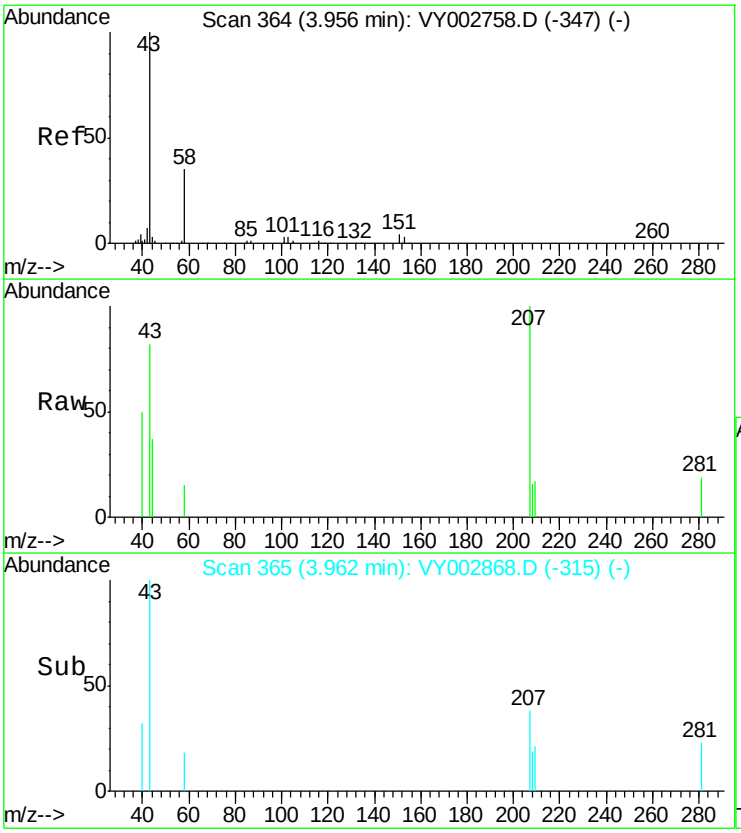

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY002868.D
Acq: 09 Jun 2020 12:57

**Instrument :** MSVOA_Y
**ClientSampleId :** CUTTINGSRE

Tgt Ion:168 Resp: 238069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.9 | 39.0 | 58.4 |

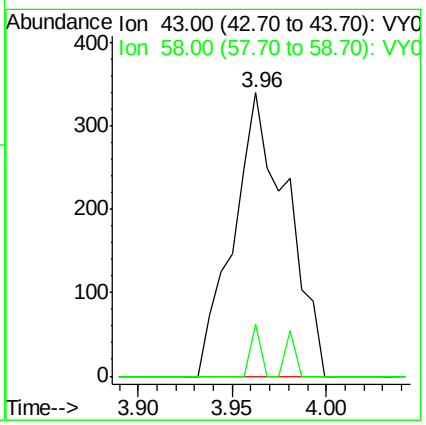


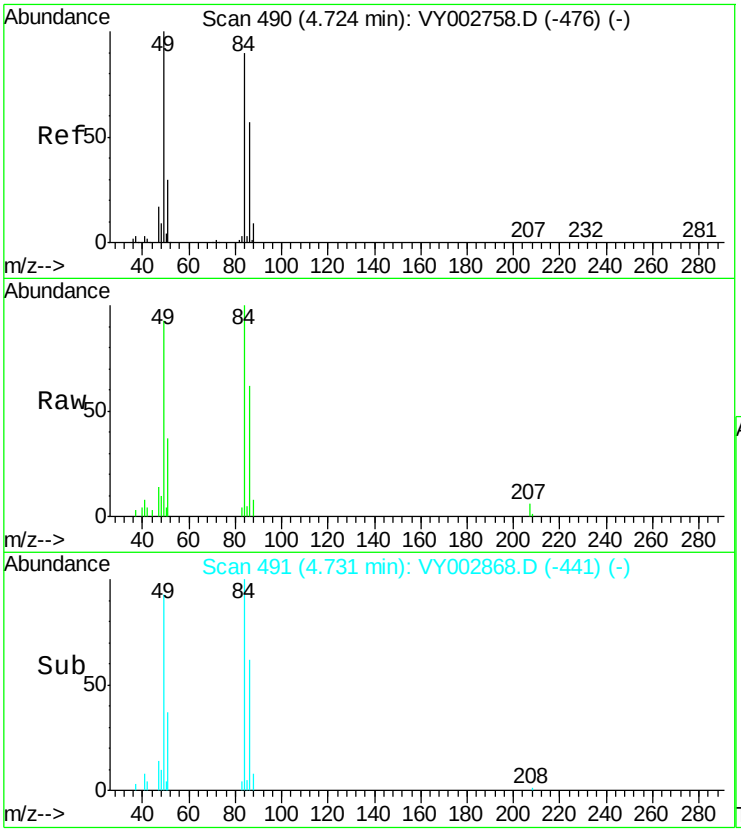




#16
Acetone
Concen: 1.384 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY002868.D
Acq: 09 Jun 2020 12:57

Tgt Ion: 43 Resp: 671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 18.3 | 27.7 | 41.5# |



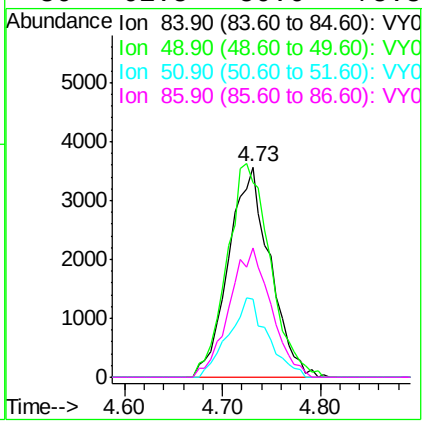


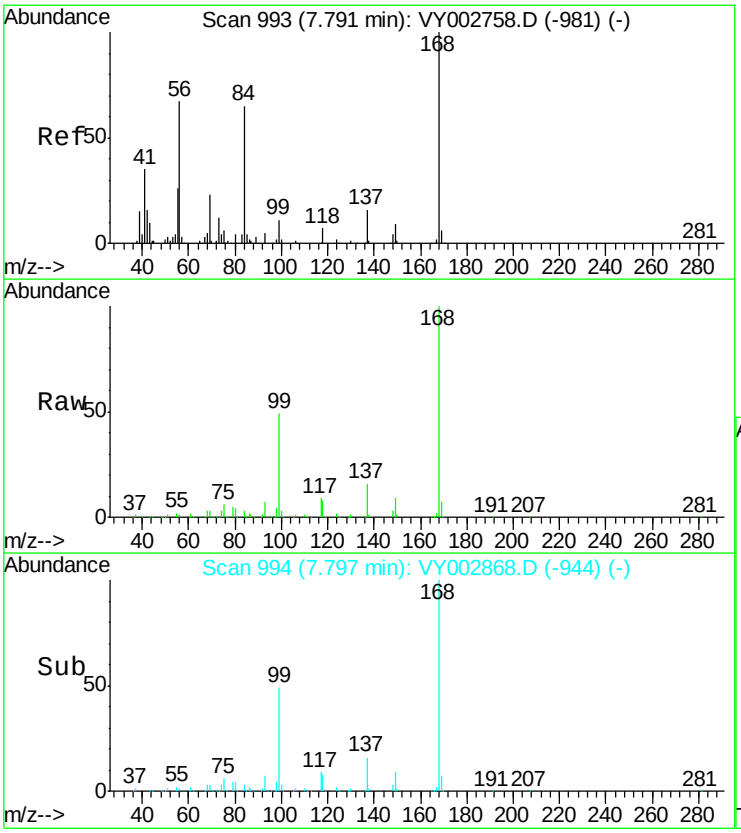

#20
Methylene Chloride
Concen: 4.436 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002868.D
Acq: 09 Jun 2020 12:57

**Instrument :** MSVOA_Y
**ClientSampleId :** CUTTINGSRE

Tgt Ion: 84 Resp: 10507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 92.5 | 88.5 | 132.7 |
| 51 | 36.9 | 26.8 | 40.2 |
| 86 | 61.5 | 50.6 | 75.8 |

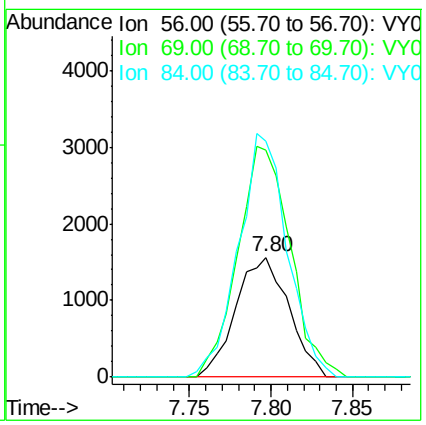


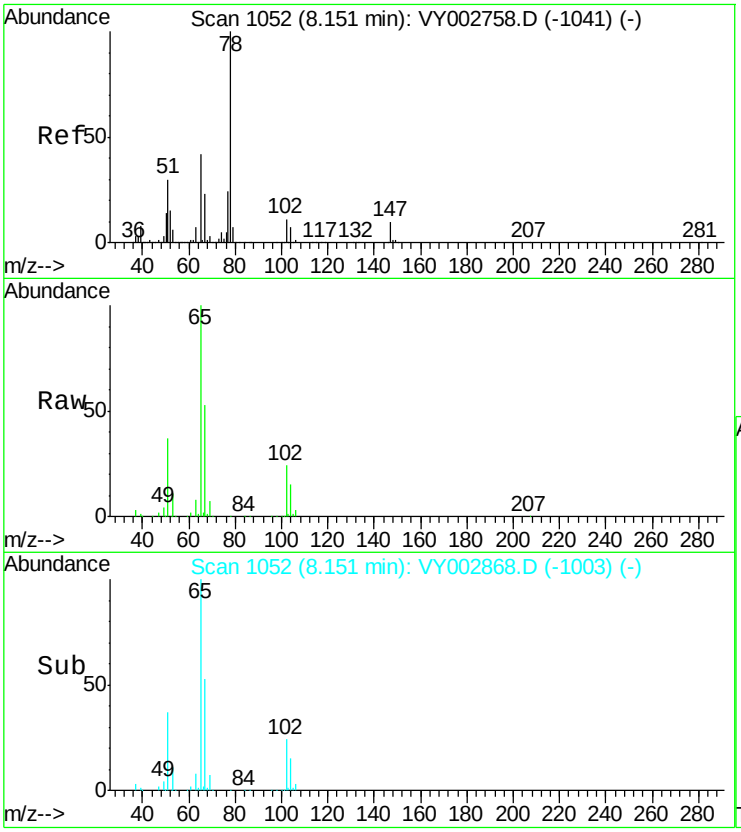




#31
Cyclohexane
Concen: 1.009 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY002868.D
Acq: 09 Jun 2020 12:57

Tgt Ion: 56 Resp: 3539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 189.3 | 28.0 | 42.0# |
| 84 | 202.6 | 77.7 | 116.5# |



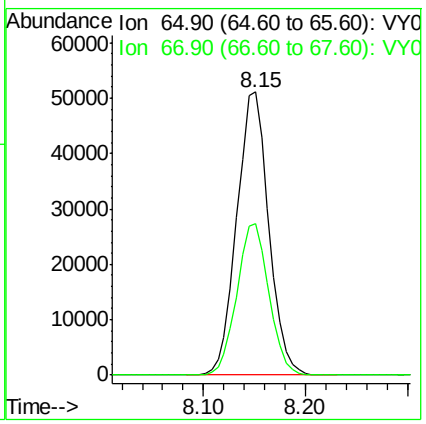


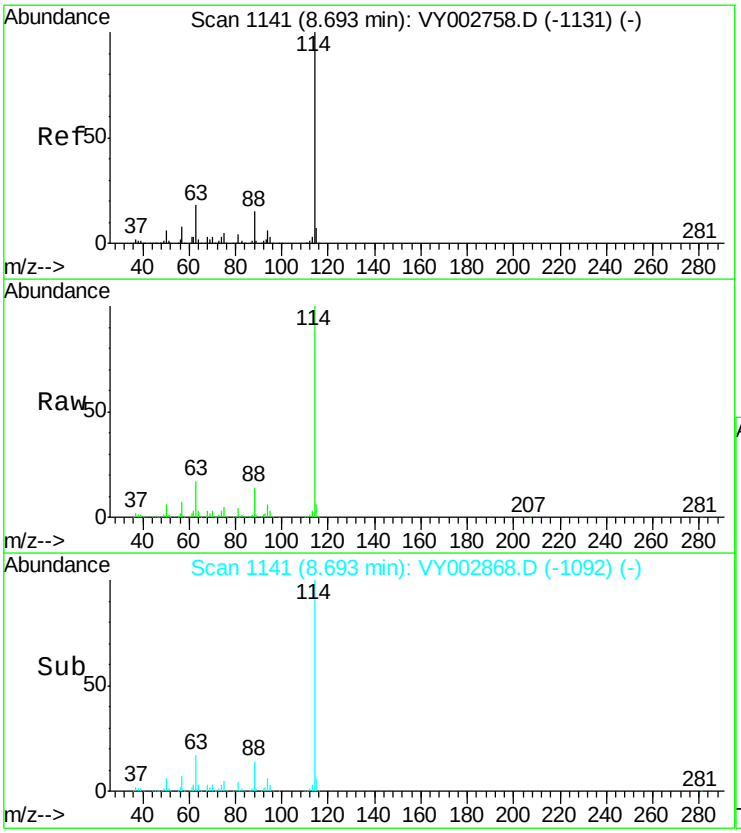

#33
1,2-Dichloroethane-d4
Concen: 53.697 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002868.D
Acq: 09 Jun 2020 12:57

**Instrument :**
MSVOA_Y
**ClientSampleId :**
CUTTINGSRE

Tgt Ion: 65 Resp: 110997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.6 | 0.0 | 111.0 |

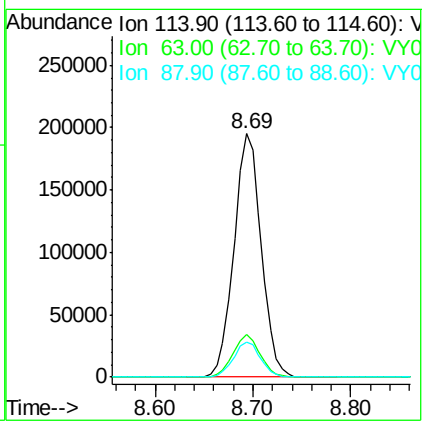


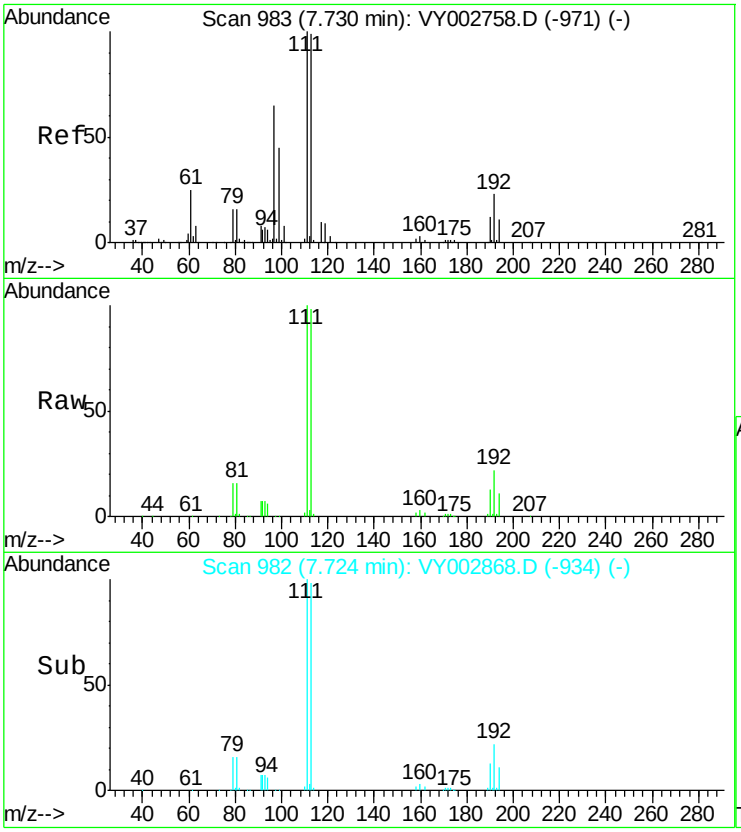




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY002868.D
Acq: 09 Jun 2020 12:57

Tgt Ion:114 Resp: 375661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.3 | 0.0 | 35.2 |
| 88 | 14.3 | 0.0 | 29.2 |



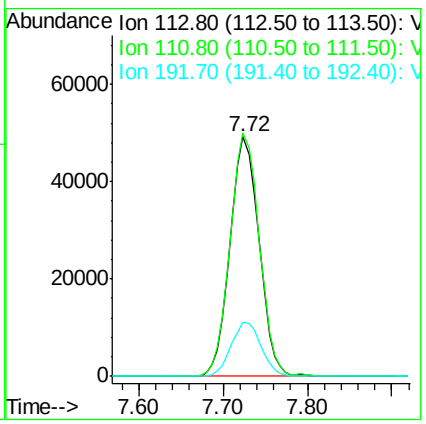


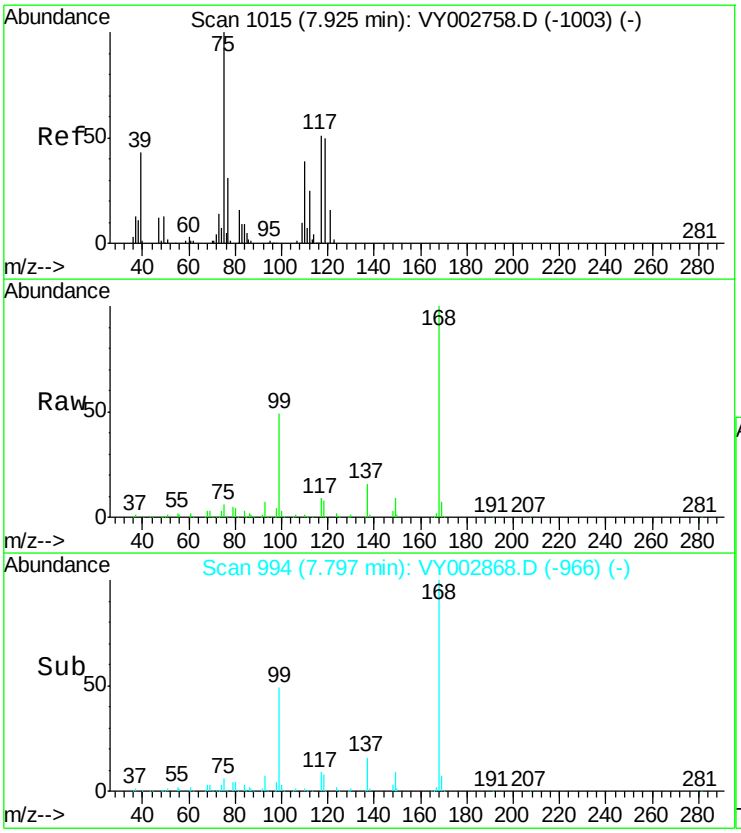

#35
Dibromofluoromethane
Concen: 52.071 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002868.D
Acq: 09 Jun 2020 12:57

**Instrument :**
MSVOA_Y
**ClientSampleId :**
CUTTINGSRE

Tgt Ion:113 Resp: 114637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.8 | 82.0 | 123.0 |
| 192 | 23.3 | 18.9 | 28.3 |

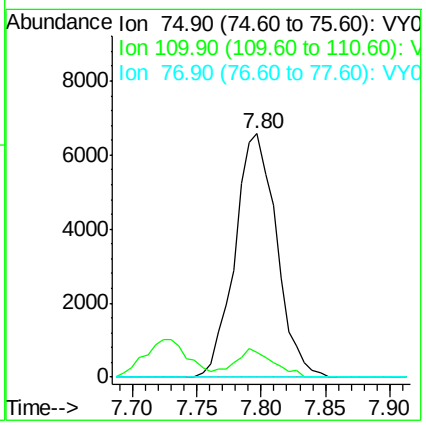


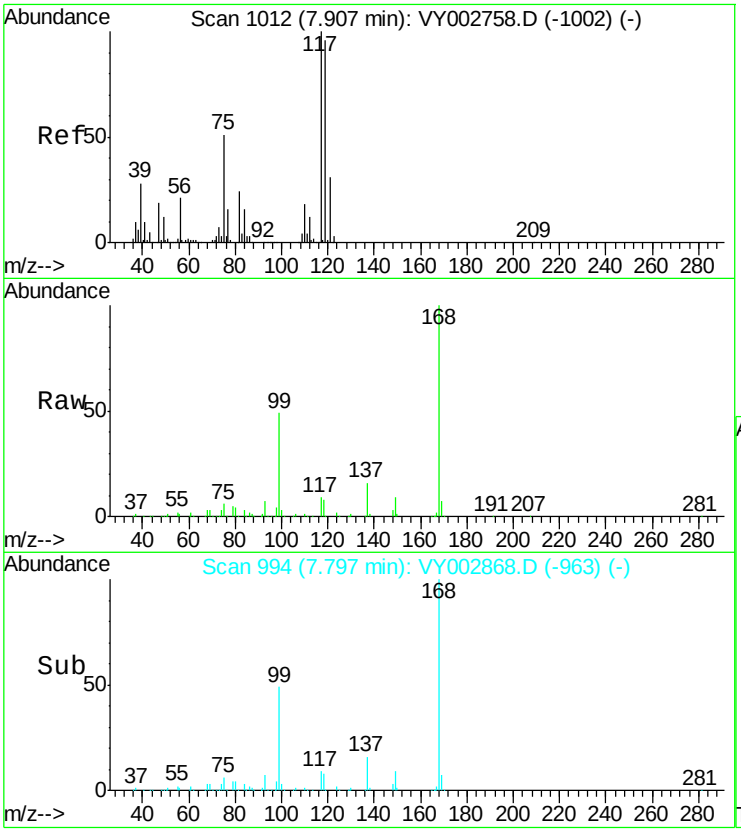




#36
1,1-Dichloropropene
Concen: 4.648 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY002868.D
Acq: 09 Jun 2020 12:57

Tgt Ion: 75 Resp: 14709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 10.8 | 19.3 | 57.9# |
| 77 | 0.0 | 24.8 | 37.2# |



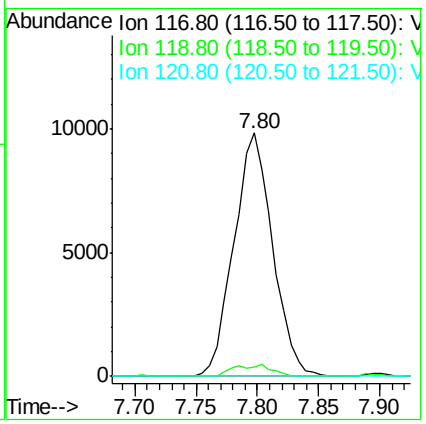


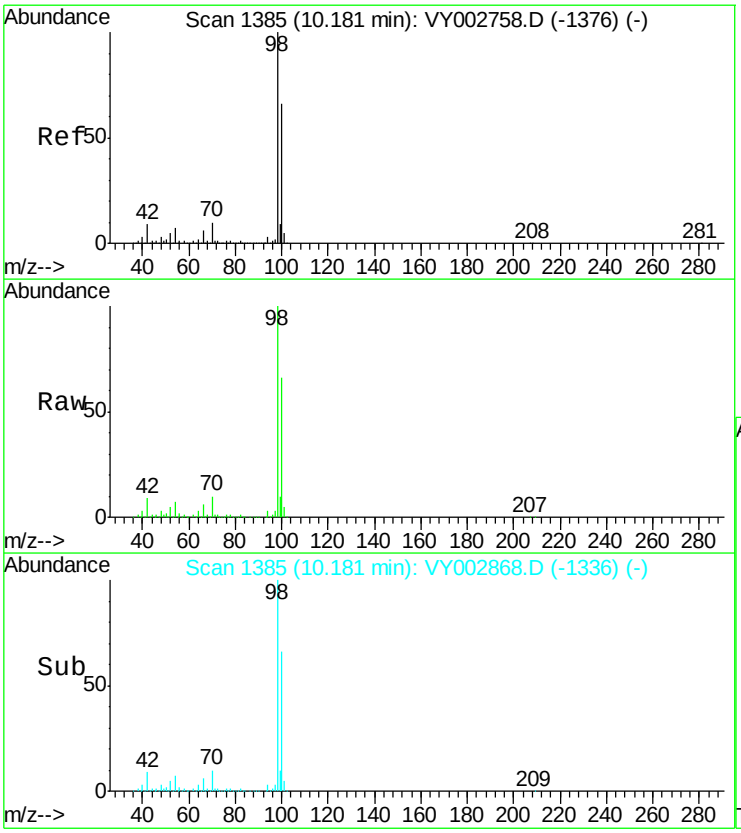

#38
Carbon Tetrachloride
Concen: 6.139 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY002868.D
Acq: 09 Jun 2020 12:57

**Instrument :**
MSVOA_Y
**ClientSampleId :**
CUTTINGSRE

Tgt Ion:117 Resp: 21581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 3.7 | 76.8 | 115.2# |
| 121 | 0.0 | 24.8 | 37.2# |

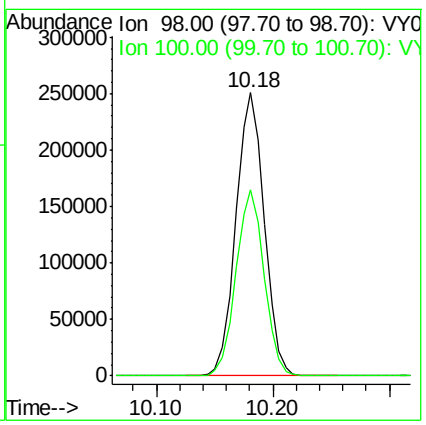


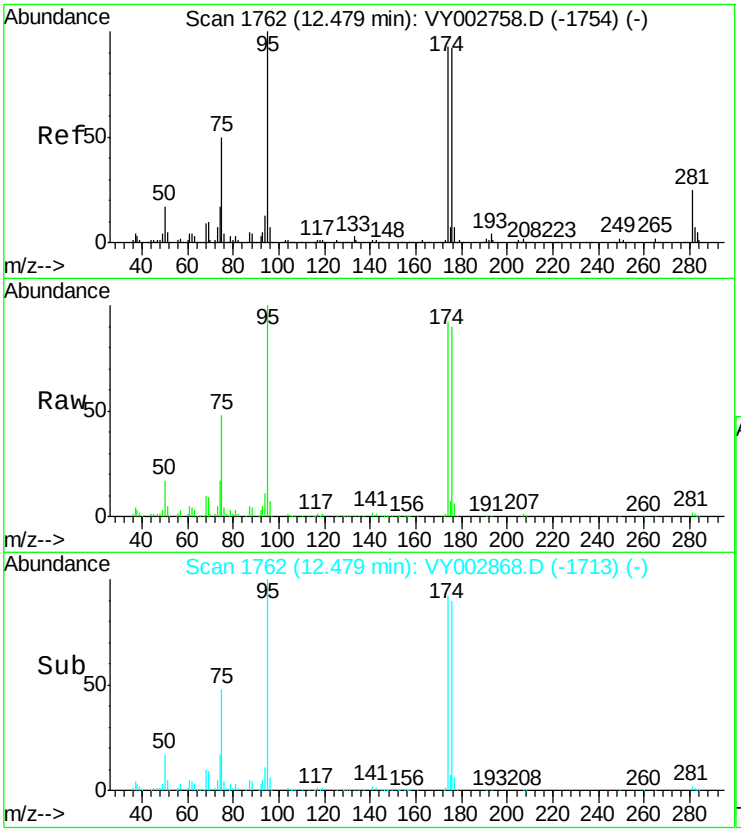




#50
Toluene-d8
Concen: 47.719 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002868.D
Acq: 09 Jun 2020 12:57

Tgt Ion: 98 Resp: 424767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.0 | 52.2 | 78.2 |



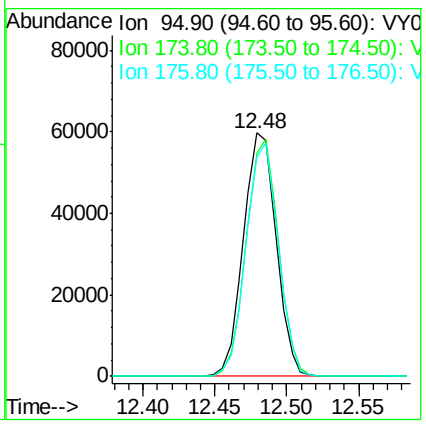


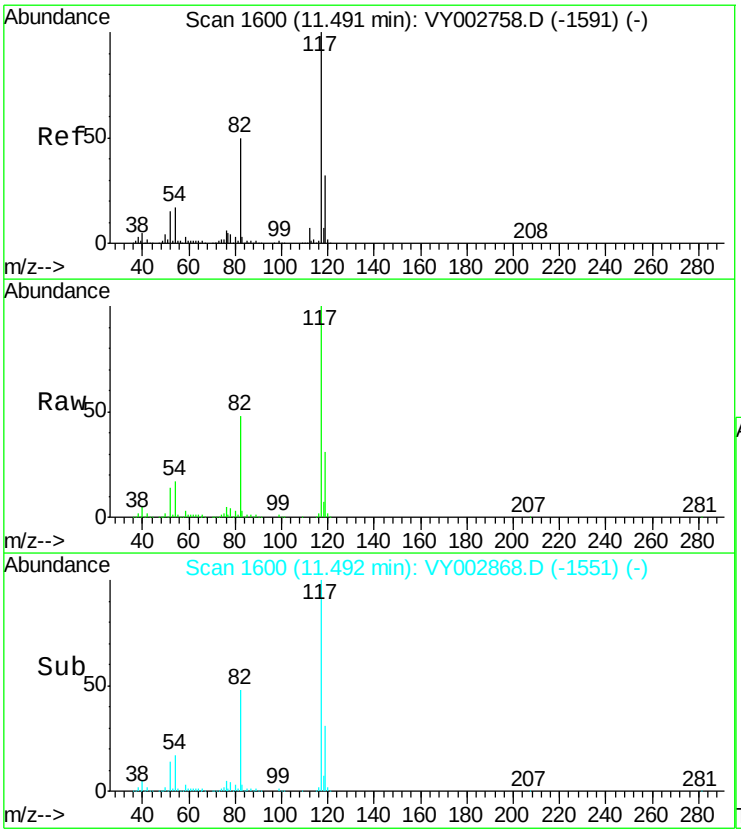

#62
4-Bromofluorobenzene
Concen: 30.844 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002868.D
Acq: 09 Jun 2020 12:57

**Instrument :**
MSVOA_Y
**ClientSampleId :**
CUTTINGSRE

Tgt Ion: 95 Resp: 93829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 95.7 | 0.0 | 191.2 |
| 176 | 94.2 | 0.0 | 188.8 |

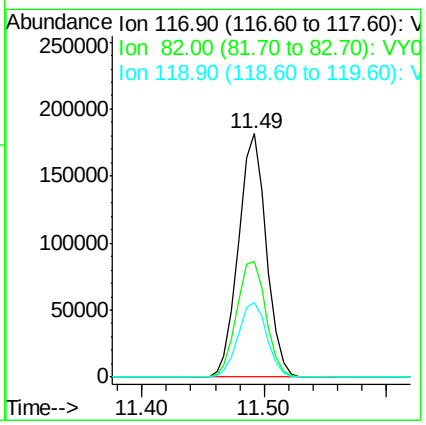


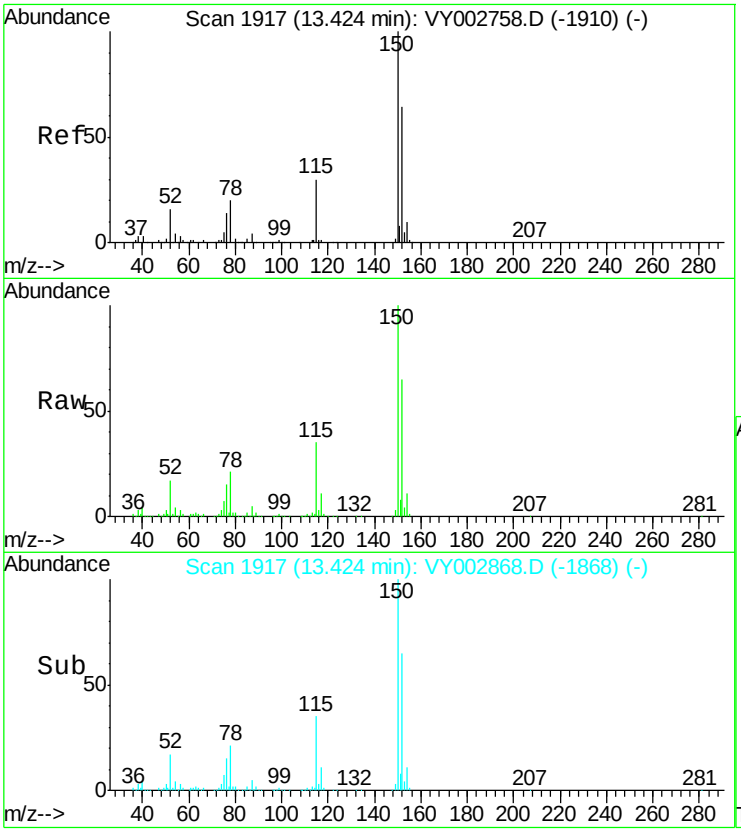




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002868.D
Acq: 09 Jun 2020 12:57

Tgt Ion:117 Resp: 286039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 47.5 | 40.2 | 60.4 |
| 119 | 30.7 | 25.8 | 38.8 |



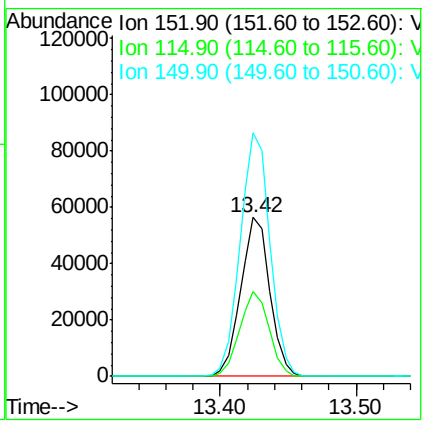


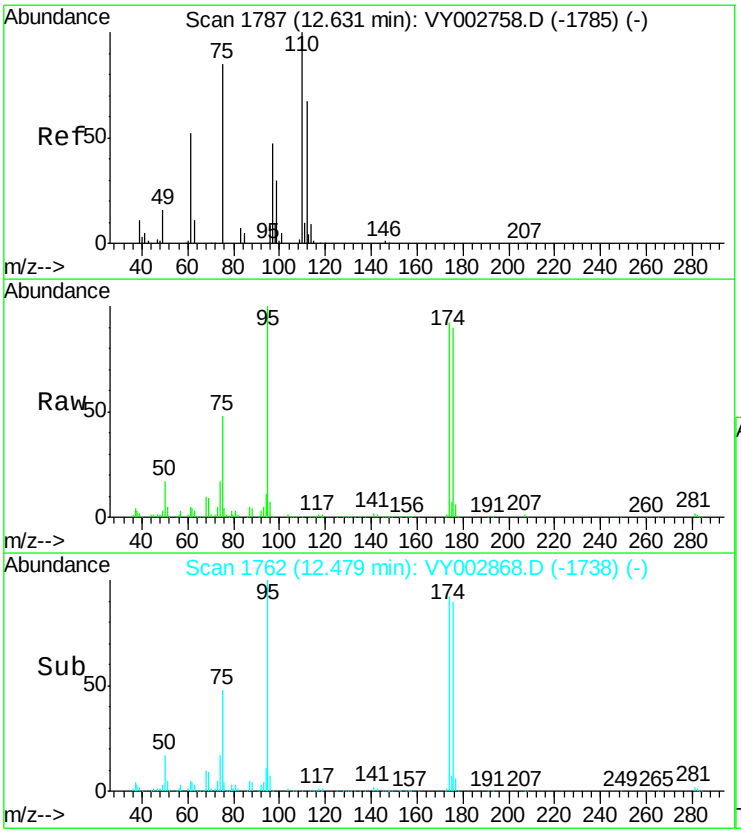

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002868.D
Acq: 09 Jun 2020 12:57

**Instrument :**
MSVOA_Y
**ClientSampleId :**
CUTTINGSRE

Tgt Ion:152 Resp: 84434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 53.5 | 27.0 | 81.0 |
| 150 | 156.5 | 0.0 | 344.8 |

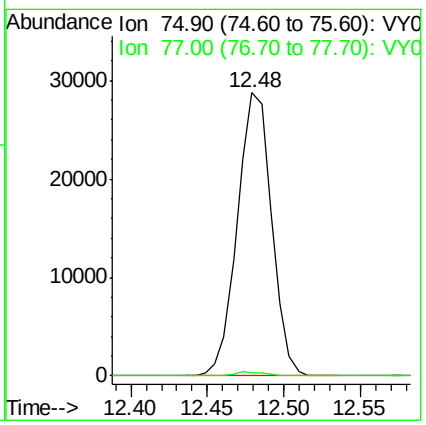


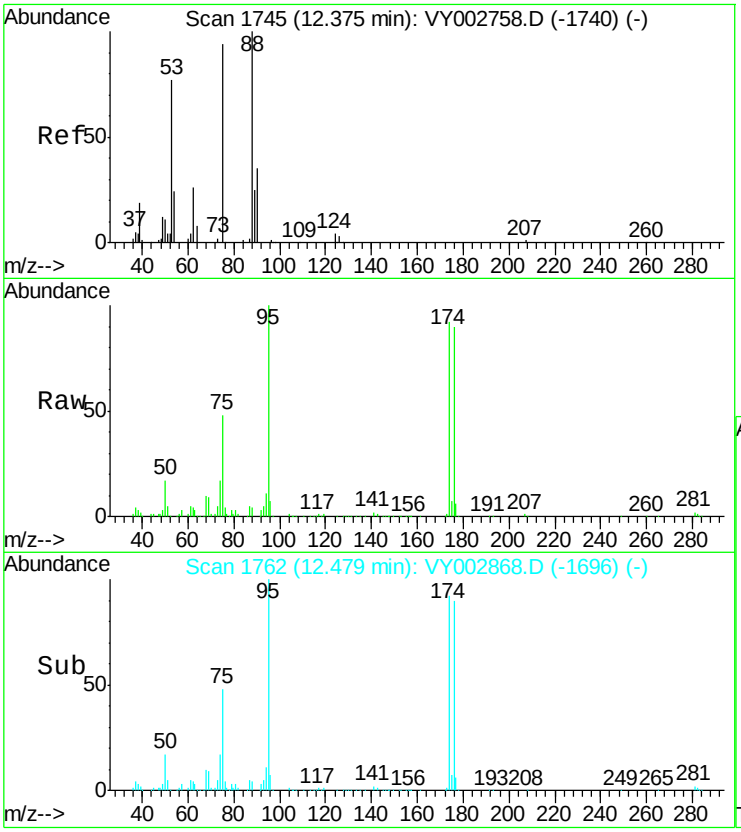




#76
1,2,3-Trichloropropane
Concen: 58.778 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY002868.D
Acq: 09 Jun 2020 12:57

Tgt Ion: 75 Resp: 44719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.4 | 0.0 | 0.0# |






#81
trans-1,4-Dichloro-2-butene
Concen: 110.738 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY002868.D
Acq: 09 Jun 2020 12:57

**Instrument :**
MSVOA_Y
**ClientSampleId :**
CUTTINGSRE

Tgt Ion: 75 Resp: 44719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 64.0 | 96.0# |
| 89 | 0.1 | 37.4 | 56.2# |