Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060120\
Data File : VX016540.D
Acq On : 01 Jun 2020 19:31
Operator : JC/SP
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** IBLK

Quant Time: Jun 02 01:50:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.63 | 168 | 254382 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.83 | 114 | 411946 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.10 | 117 | 418756 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 223893 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.04 | 65 | 151015 | 47.80 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.60% | | | |
| 35) Dibromofluoromethane | 5.46 | 113 | 121174 | 47.77 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.54% | | | |
| 50) Toluene-d8 | 8.70 | 98 | 510726 | 51.73 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.46% | | | |
| 62) 4-Bromofluorobenzene | 11.12 | 95 | 216601 | 56.78 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 113.56% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 6) Chloroethane | 1.72 | 64 | 869 | 0.466 | ug/l # | 64 |
| 10) Methyl Iodide | 2.50 | 142 | 43 | 3.070 | ug/l # | 40 |
| 11) Tert butyl alcohol | 3.00 | 59 | 1830 | 2.259 | ug/l # | 72 |
| 13) Acrolein | 2.26 | 56 | 486 | 1.410 | ug/l # | 59 |
| 16) Acetone | 2.42 | 43 | 15901 | 11.489 | ug/l | 93 |
| 20) Methylene Chloride | 2.84 | 84 | 712 | 0.249 | ug/l # | 71 |
| 25) 2-Butanone | 4.65 | 43 | 3501 | 1.493 | ug/l | 93 |
| 31) Cyclohexane | 5.63 | 56 | 4878 | 1.111 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 5.63 | 75 | 18591 | 4.766 | ug/l # | 51 |
| 38) Carbon Tetrachloride | 5.63 | 117 | 24165 | 5.896 | ug/l # | 17 |
| 51) 4-Methyl-2-Pentanone | 8.62 | 43 | 1383 | 0.304 | ug/l | 94 |
| 59) 2-Hexanone | 9.48 | 43 | 1013 | 0.286 | ug/l | 86 |
| 74) N-amyl acetate | 10.90 | 43 | 2994 | 0.420 | ug/l # | 86 |
| 76) 1,2,3-Trichloropropane | 11.12 | 75 | 105308 | 21.398 | ug/l # | 35 |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75 | 105308 | 52.637 | ug/l # | 14 |

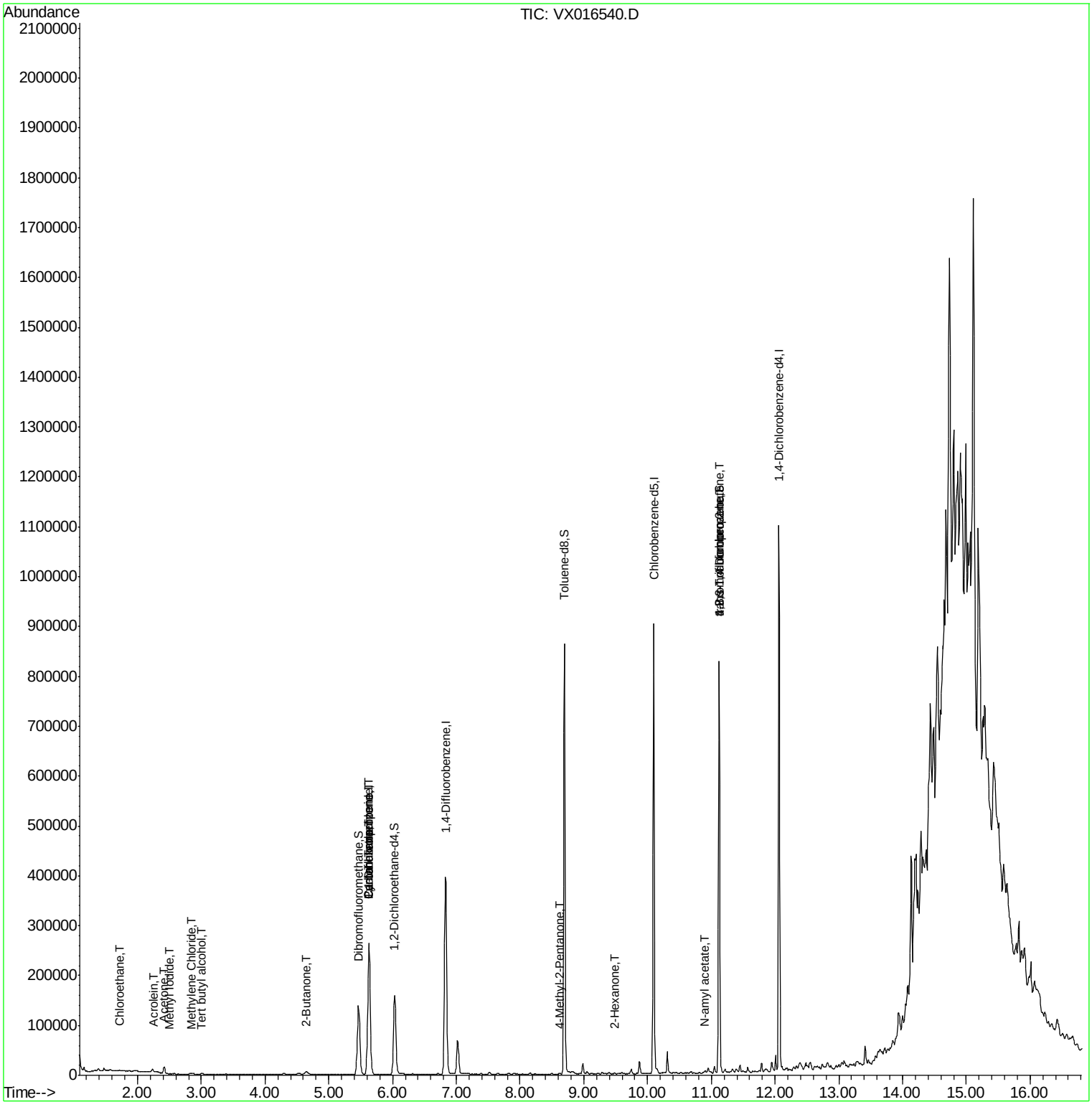
(#) = qualifier out of range (m) = manual integration (+) = signals summed

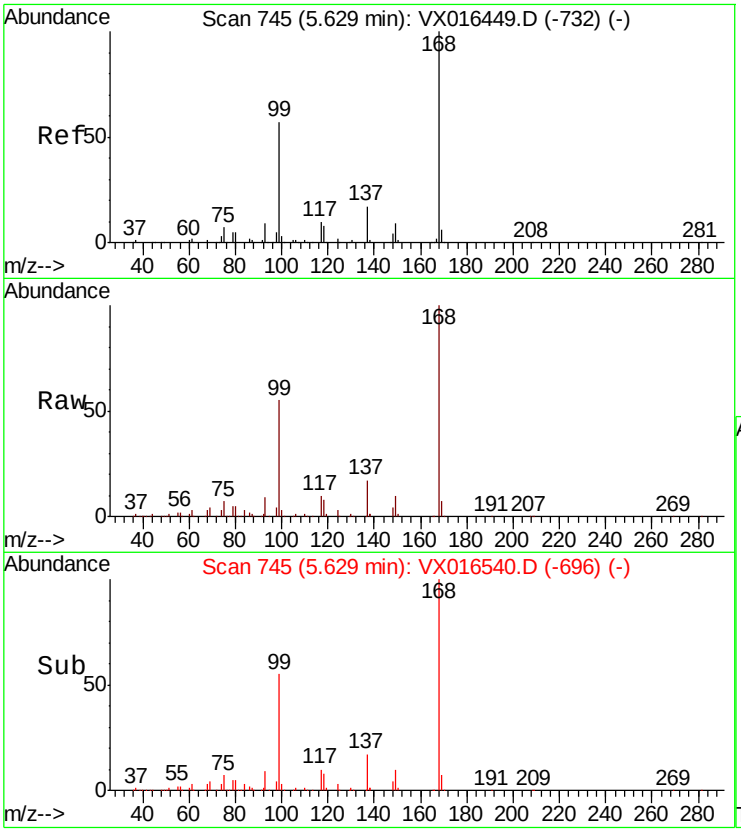
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060120\
Data File : VX016540.D
Acq On : 01 Jun 2020 19:31
Operator : JC/SP
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
IBLK

Quant Time: Jun 02 01:50:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration



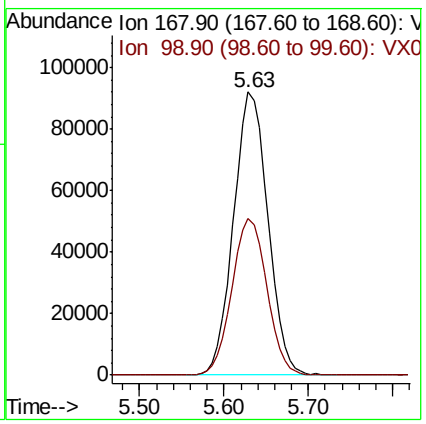


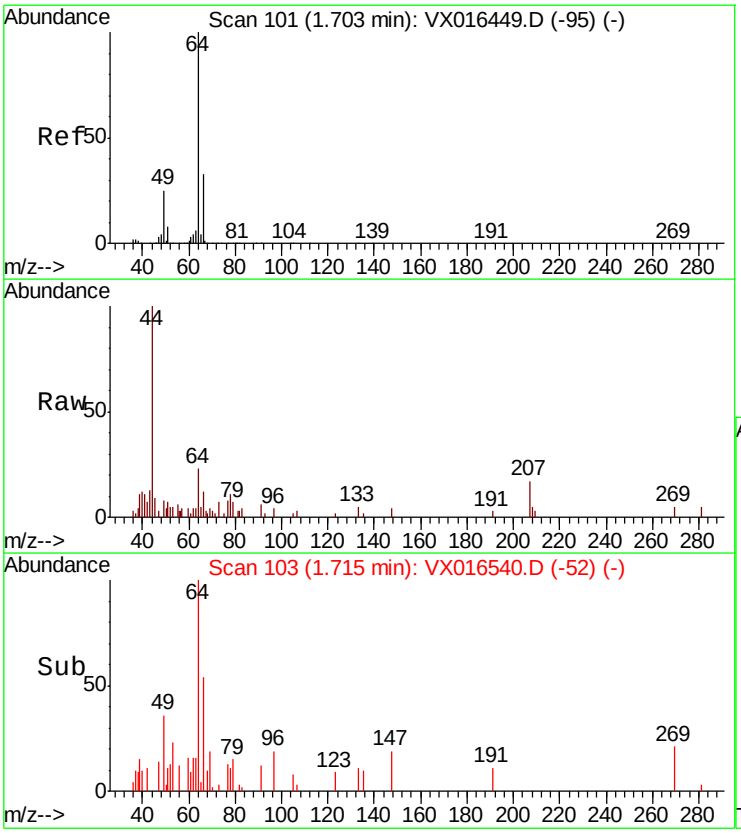

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
IBLK

Tgt Ion:168 Resp: 254382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.4 | 45.2 | 67.8 |

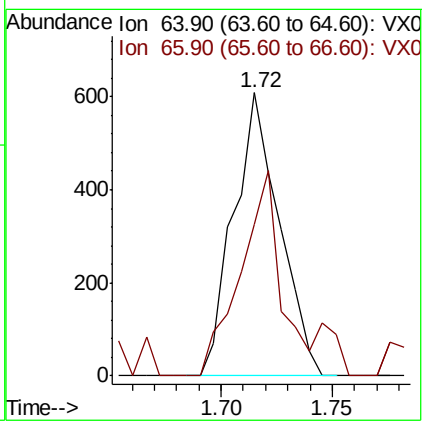


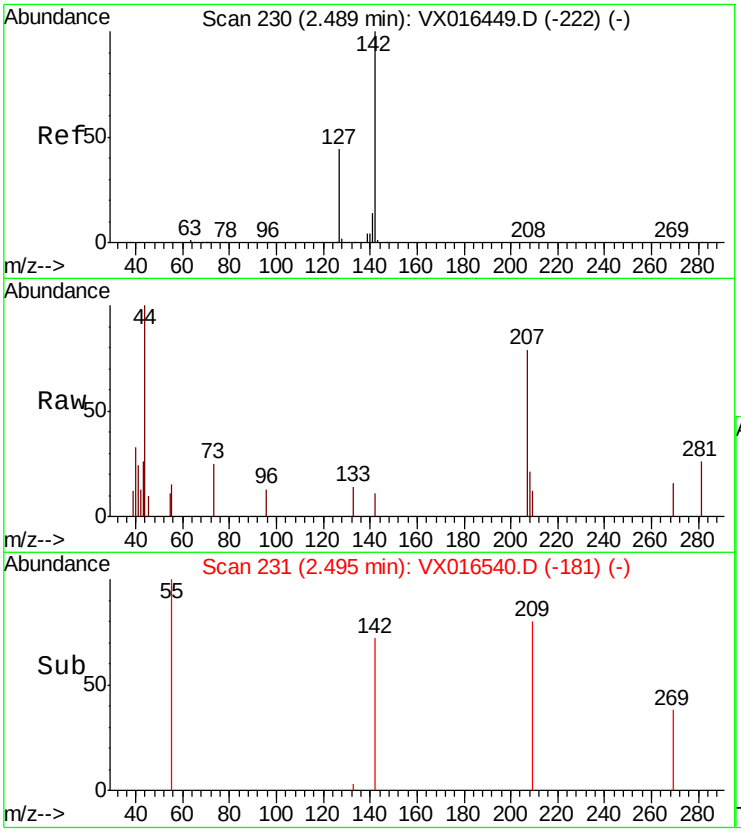




#6
Chloroethane
Concen: 0.466 ug/l
RT: 1.72 min Scan# 103
Delta R.T. 0.01 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

Tgt Ion: 64 Resp: 869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 53.6 | 26.7 | 40.1# |



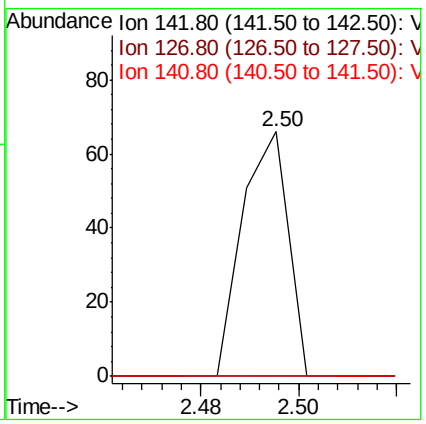


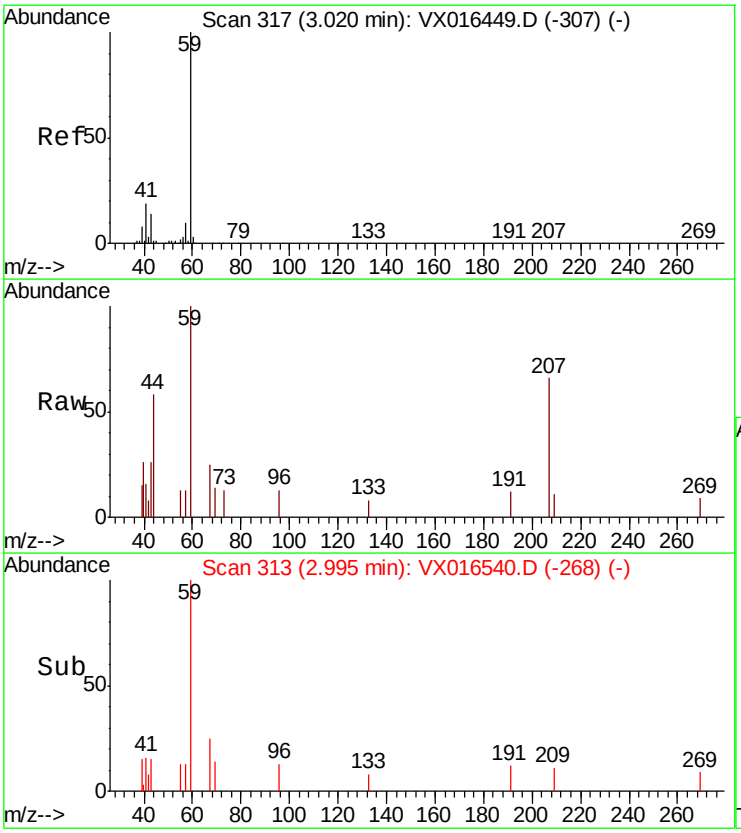

#10
Methyl Iodide
Concen: 3.070 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

**Instrument :** MSVOA_X
**ClientSampleId :** IBLK

Tgt Ion:142 Resp: 43

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 0.0 | 35.3 | 52.9# |
| 141 | 0.0 | 11.4 | 17.2# |

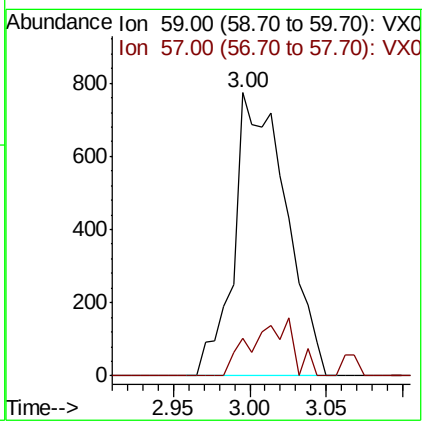


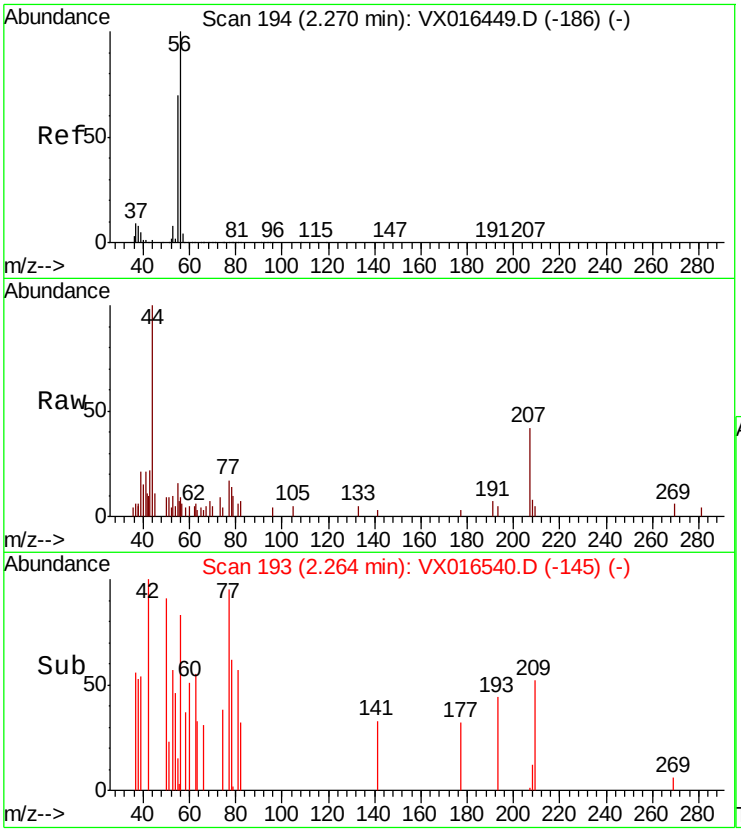




#11
Tert butyl alcohol
Concen: 2.259 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

Tgt Ion: 59 Resp: 1830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.2 | 12.4# |



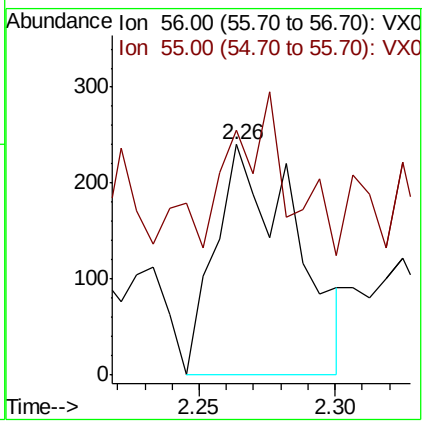


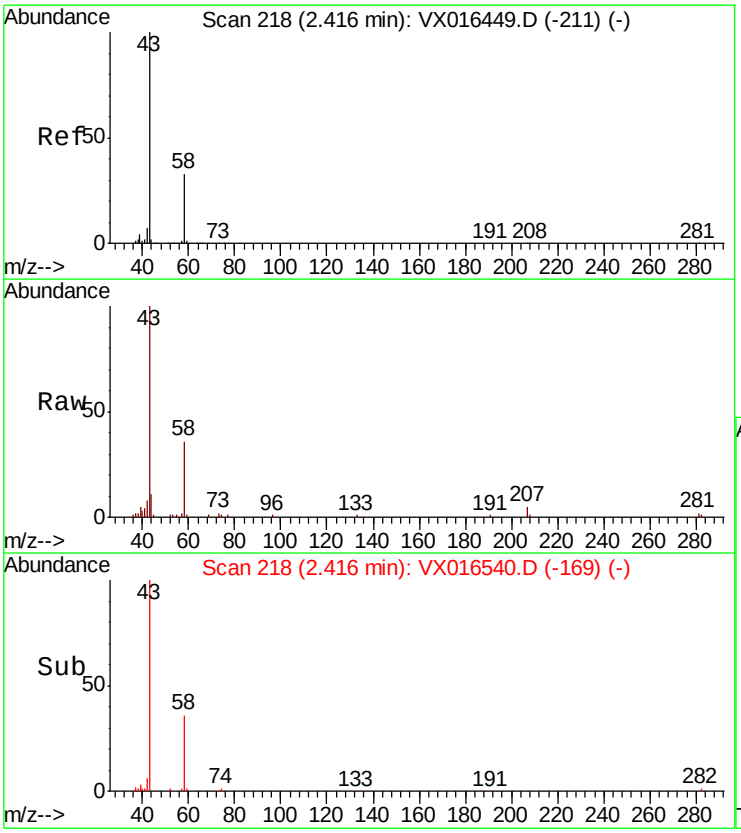

#13
Acrolein
Concen: 1.410 ug/l
RT: 2.26 min Scan# 193
Delta R.T. -0.01 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
IBLK

Tgt Ion: 56 Resp: 486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 38.9 | 58.3 | 87.5# |

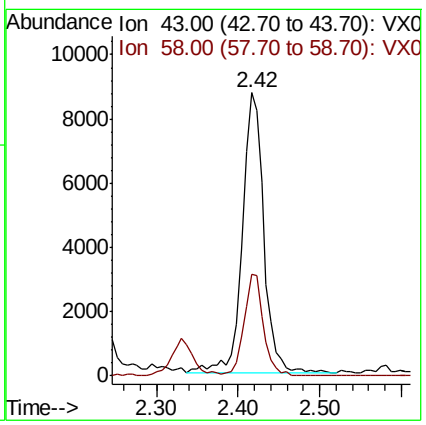


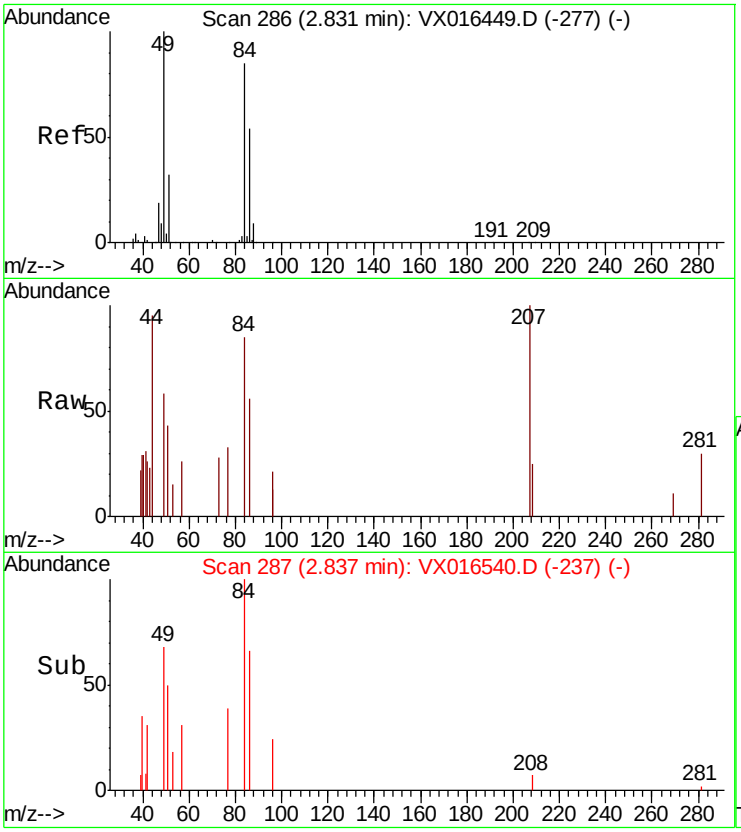




#16
Acetone
Concen: 11.489 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

Tgt Ion: 43 Resp: 15901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.5 | 26.1 | 39.1 |



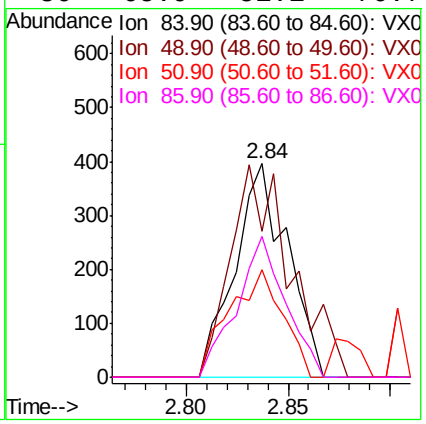


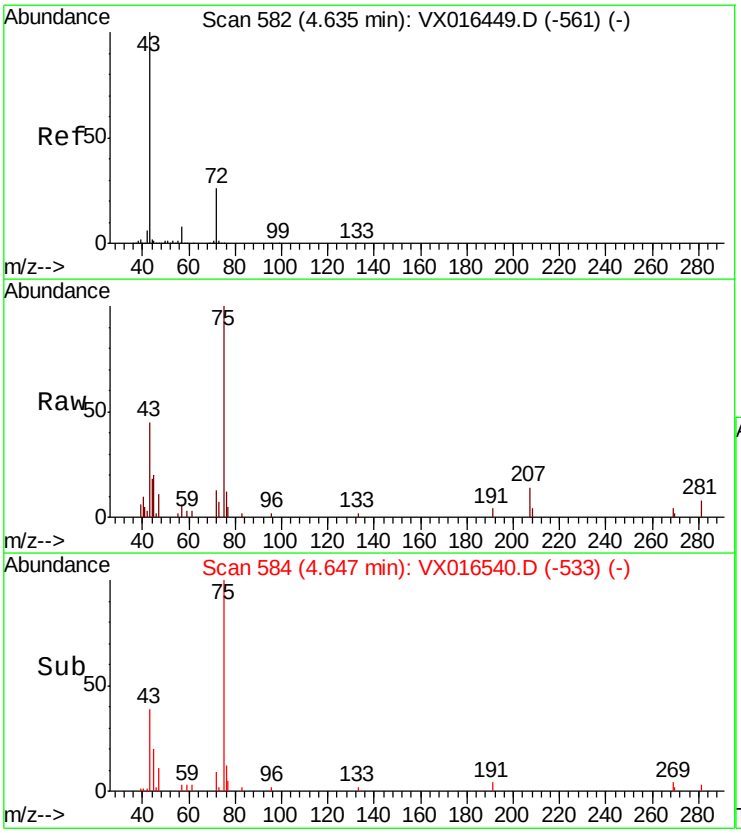

#20
Methylene Chloride
Concen: 0.249 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

**Instrument :** MSVOA_X
**ClientSampleId :** IBLK

Tgt Ion: 84 Resp: 712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 68.4 | 94.5 | 141.7# |
| 51 | 50.3 | 30.2 | 45.4# |
| 86 | 65.9 | 51.1 | 76.7 |

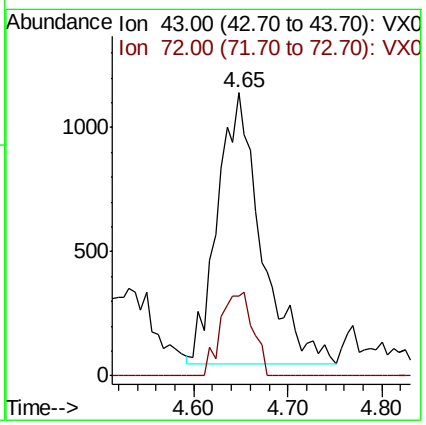


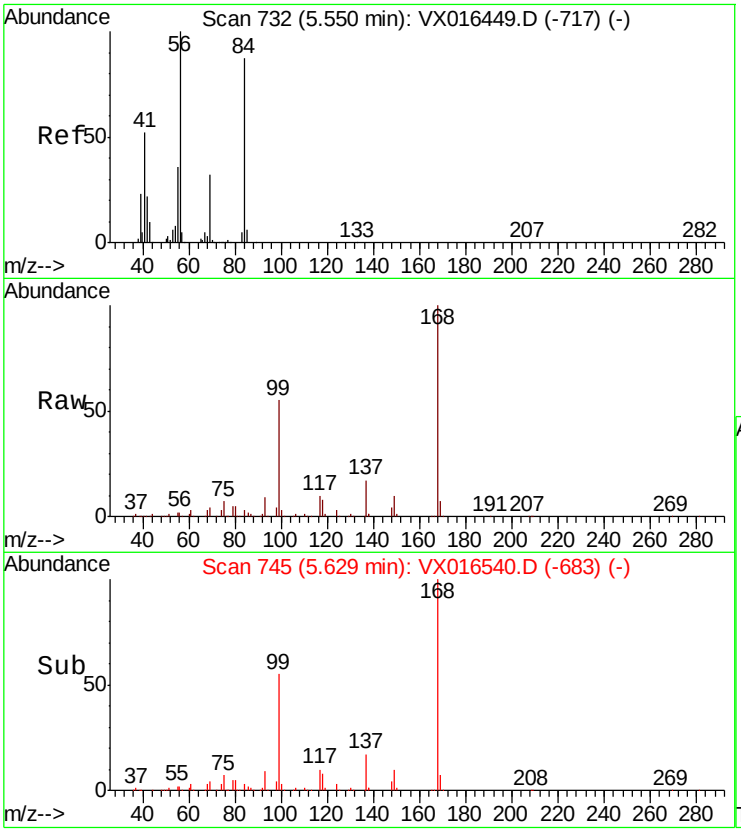




#25
2-Butanone
Concen: 1.493 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

Tgt Ion: 43 Resp: 3501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 29.8 | 21.0 | 31.6 |



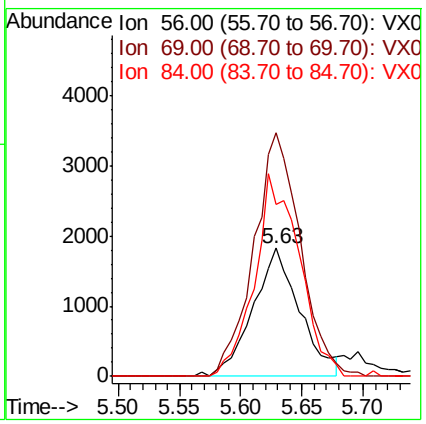


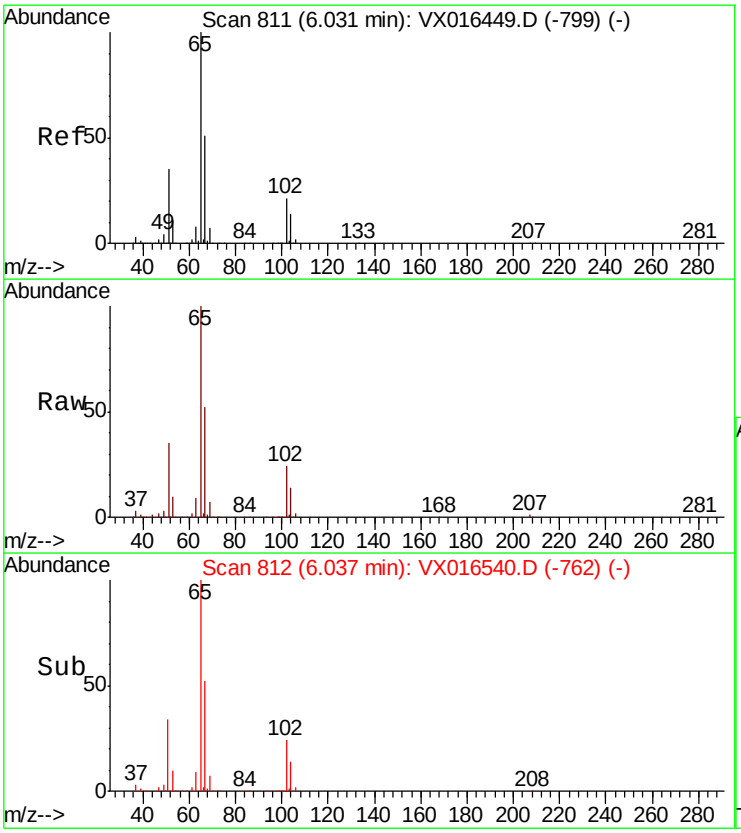

#31
Cyclohexane
Concen: 1.111 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

**Instrument :** MSVOA_X
**ClientSampleId :** IBLK

Tgt Ion: 56 Resp: 4878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 189.7 | 25.7 | 38.5# |
| 84 | 134.3 | 70.0 | 105.0# |

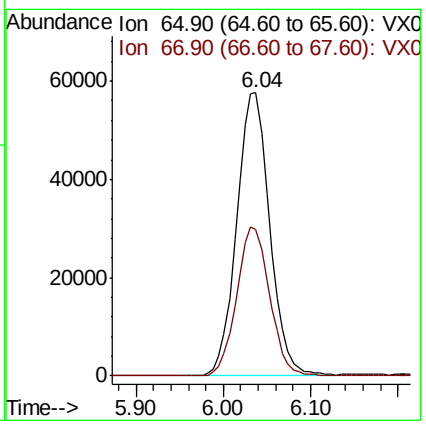


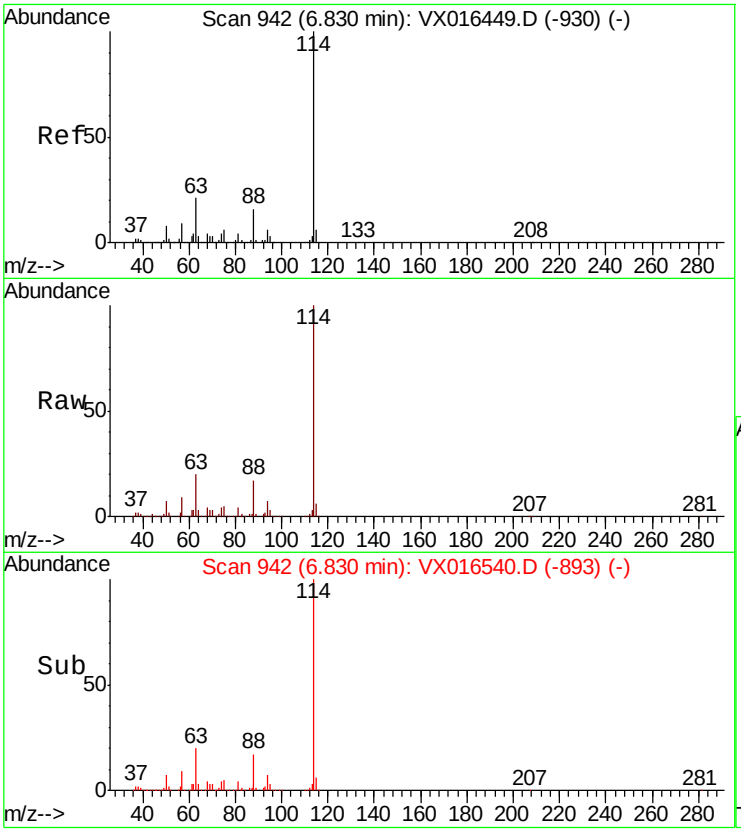




#33
1,2-Dichloroethane-d4
Concen: 47.803 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

Tgt Ion: 65 Resp: 151015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.5 | 0.0 | 104.8 |



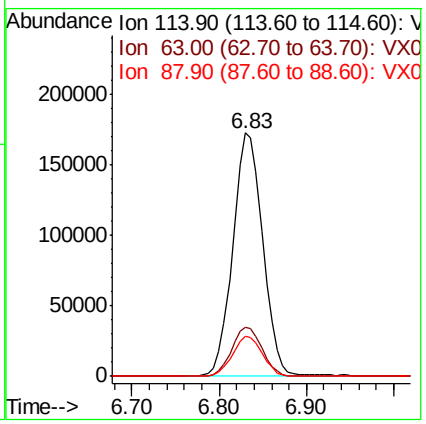


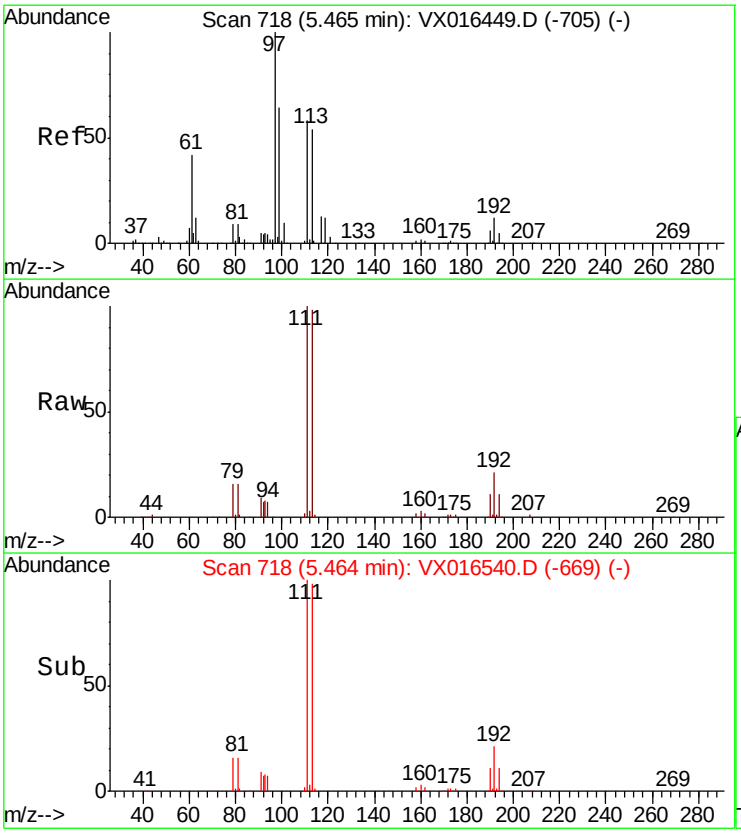

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
IBLK

Tgt Ion:114 Resp: 411946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.0 | 0.0 | 42.6 |
| 88 | 16.6 | 0.0 | 32.8 |

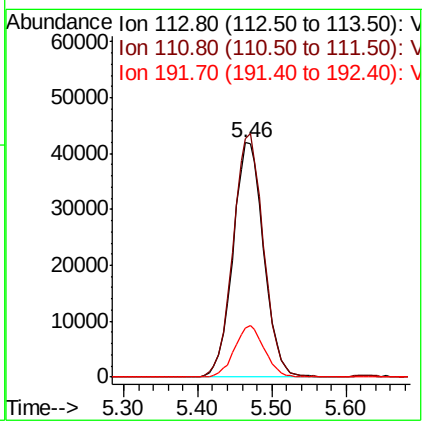


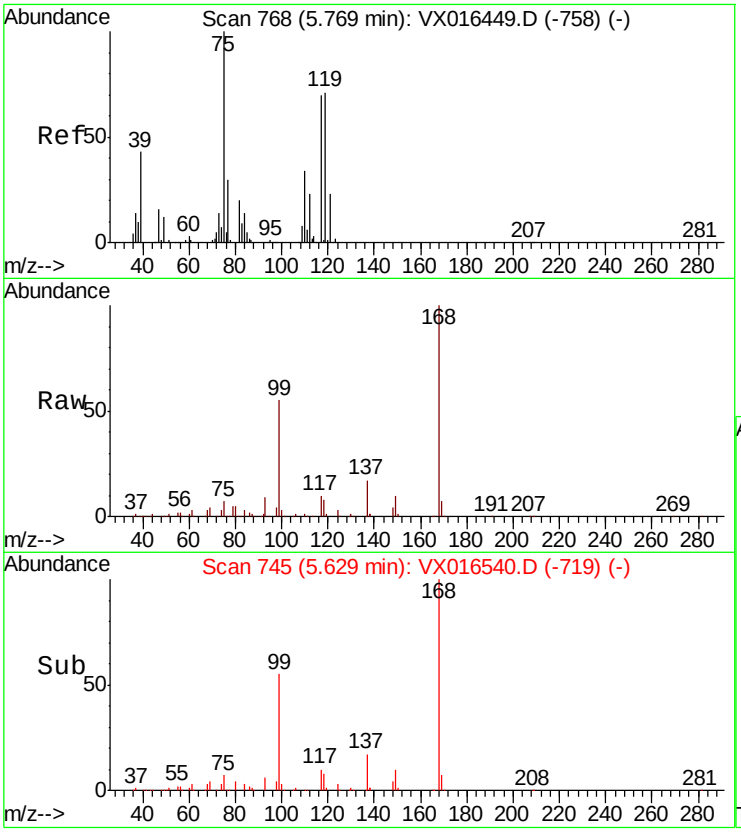




#35
Dibromofluoromethane
Concen: 47.771 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

Tgt Ion:113 Resp: 121174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.8 | 83.0 | 124.6 |
| 192 | 21.5 | 17.7 | 26.5 |



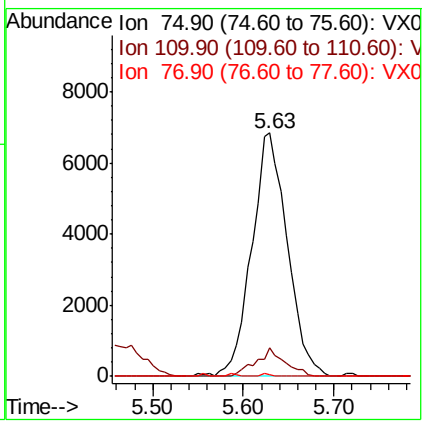


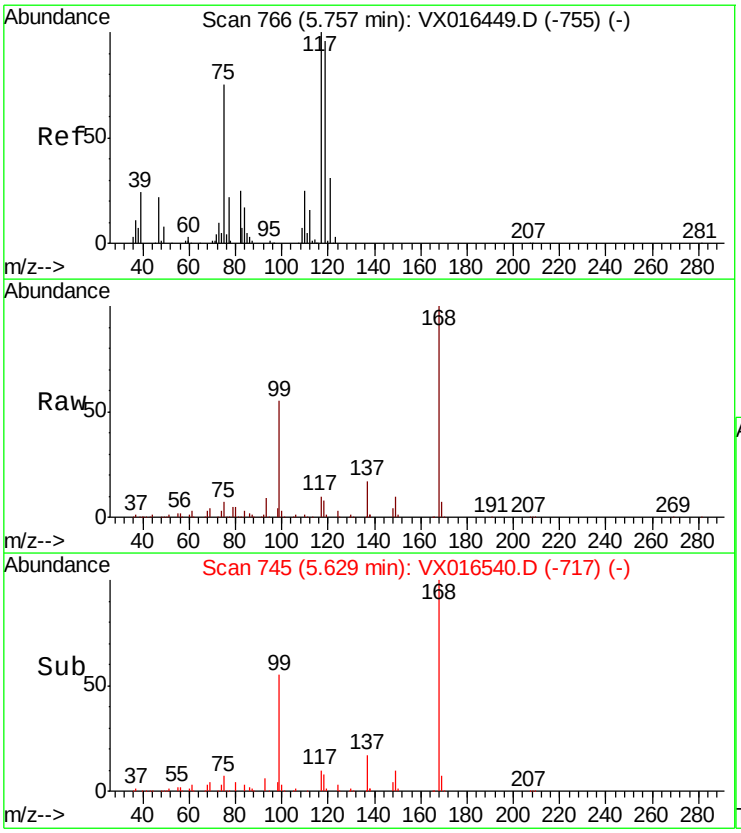

#36
1,1-Dichloropropene
Concen: 4.766 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
IBLK

Tgt Ion: 75 Resp: 18591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.5 | 17.4 | 52.3# |
| 77 | 0.3 | 24.2 | 36.4# |

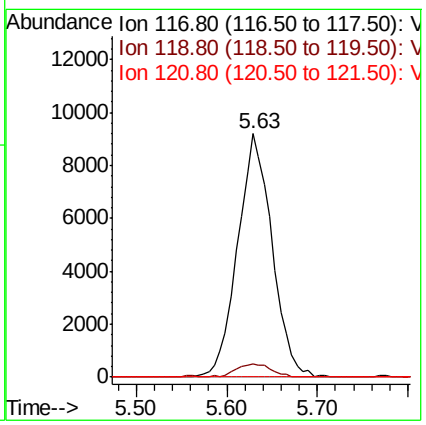


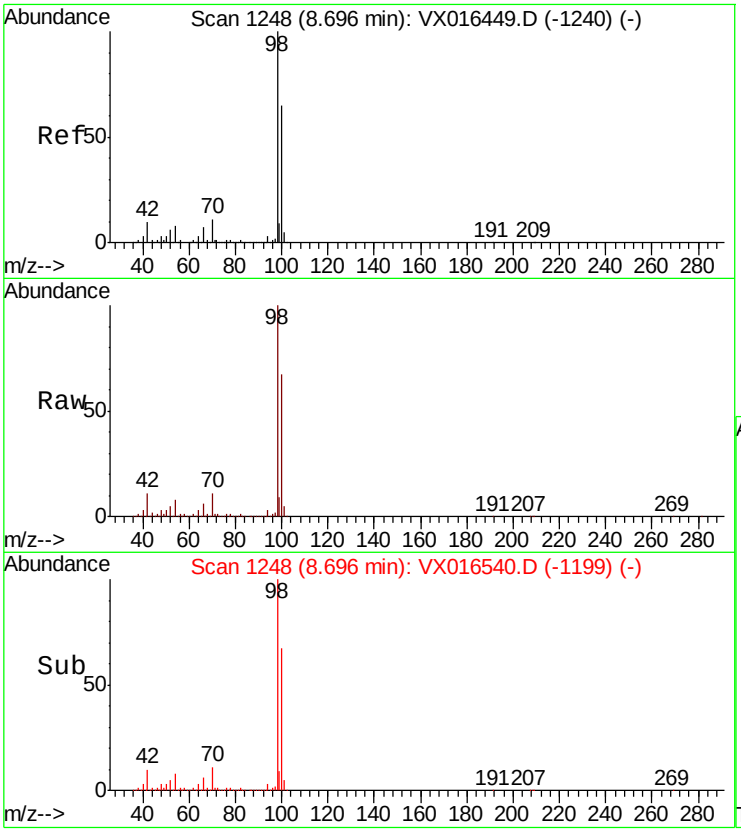




#38
Carbon Tetrachloride
Concen: 5.896 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

Tgt Ion:117 Resp: 24165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.5 | 76.3 | 114.5# |
| 121 | 0.0 | 24.6 | 37.0# |



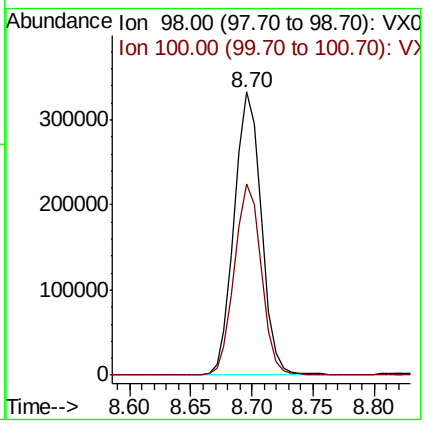


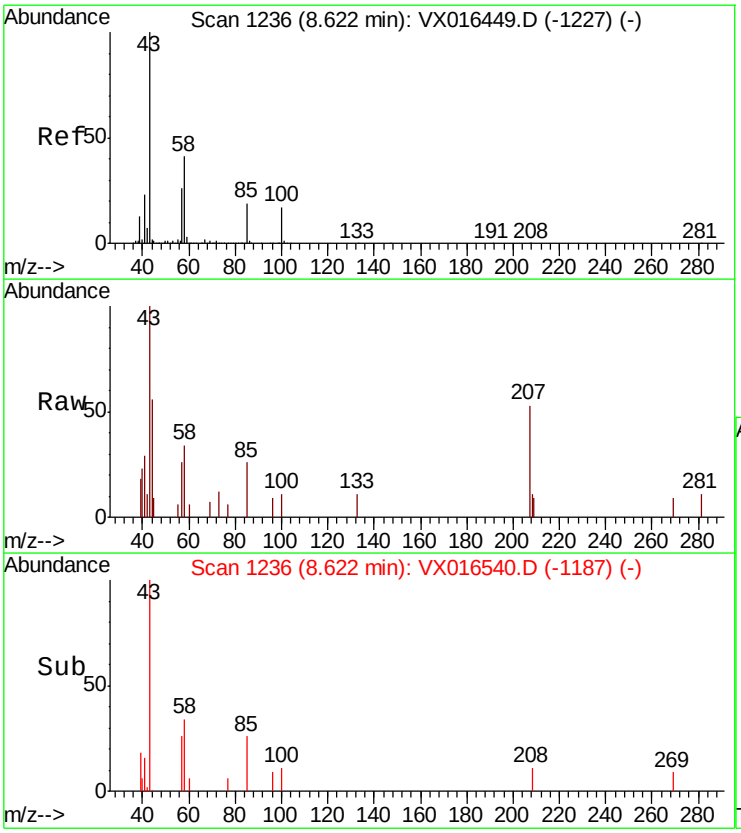

#50
Toluene-d8
Concen: 51.731 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
IBLK

Tgt Ion: 98 Resp: 510726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.0 | 53.8 | 80.6 |

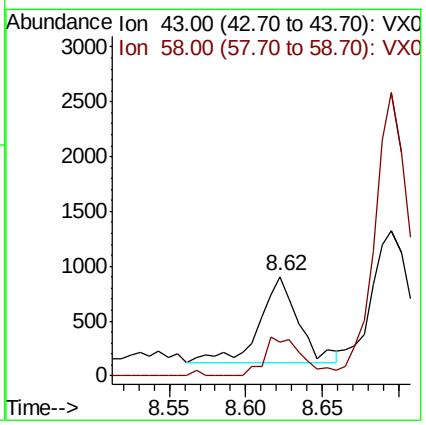


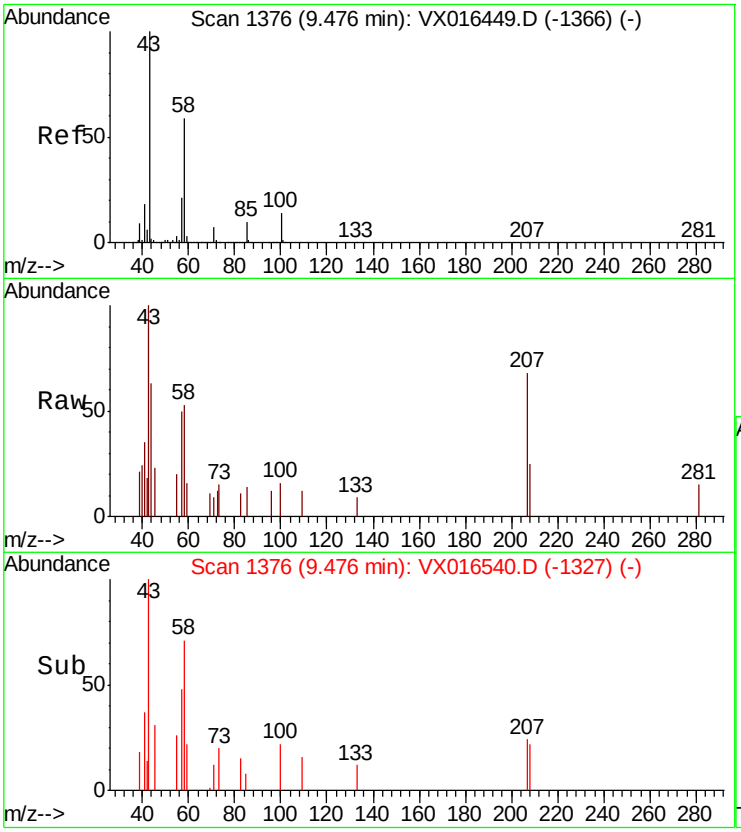




#51
4-Methyl-2-Pentanone
Concen: 0.304 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

Tgt Ion: 43 Resp: 1383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 45.2 | 33.0 | 49.6 |



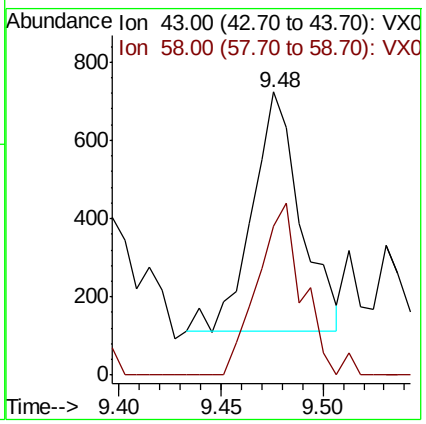


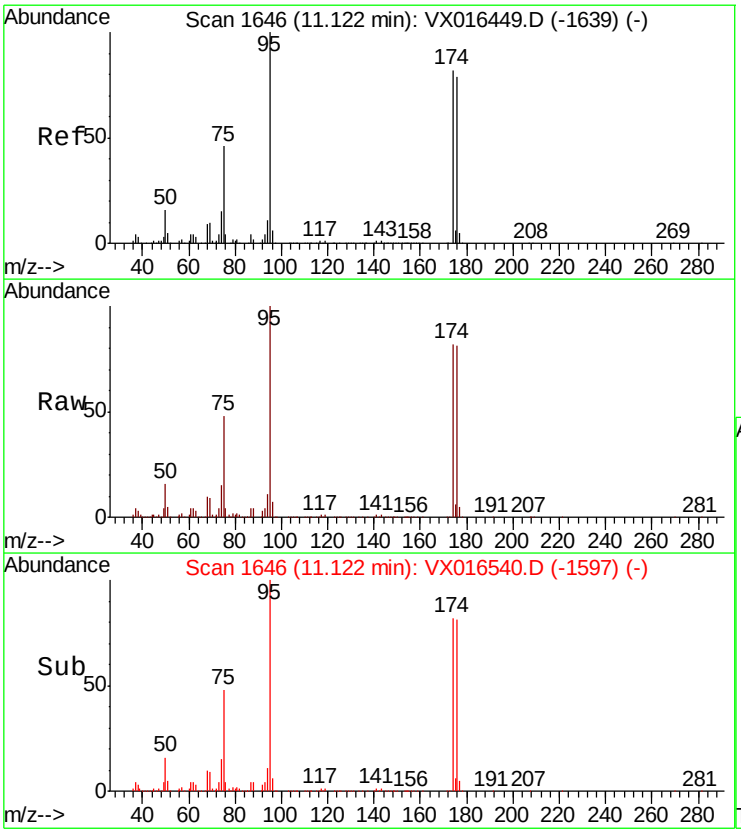

#59
2-Hexanone
Concen: 0.286 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
IBLK

Tgt Ion: 43 Resp: 1013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 67.6 | 28.8 | 86.4 |

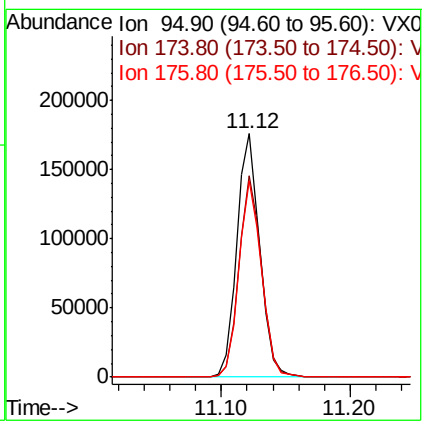


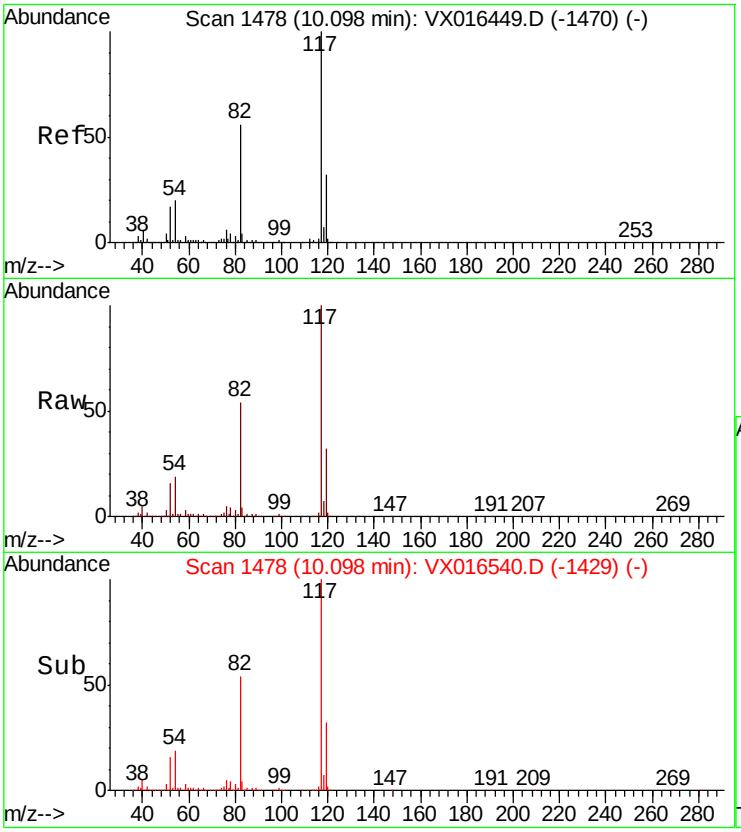




#62
4-Bromofluorobenzene
Concen: 56.779 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

Tgt Ion: 95 Resp: 216601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 81.1 | 0.0 | 163.0 |
| 176 | 79.2 | 0.0 | 156.8 |



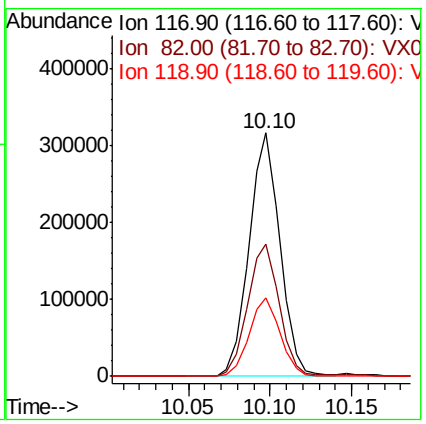


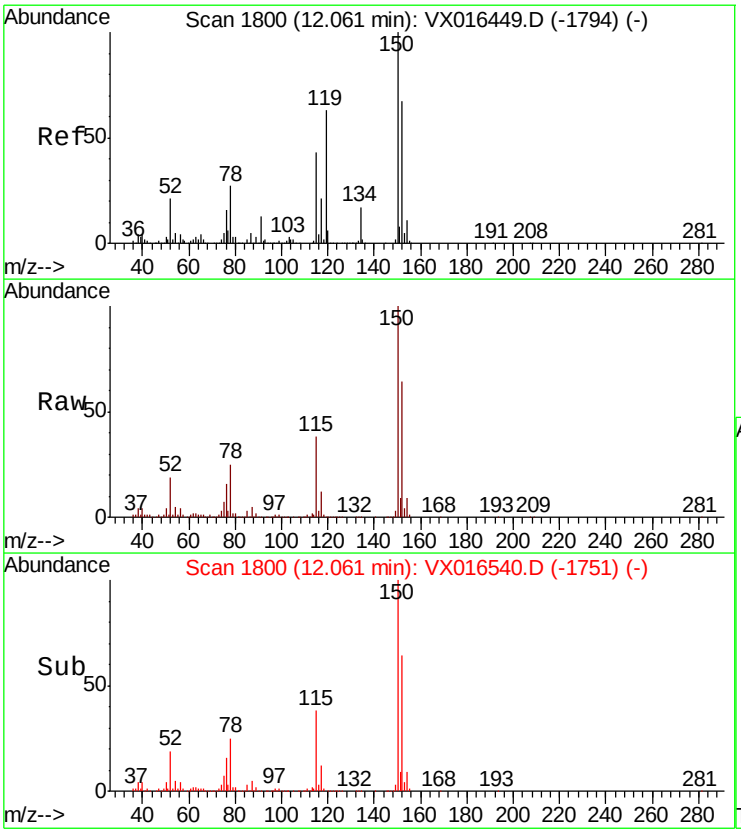

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
IBLK

Tgt Ion:117 Resp: 418756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.3 | 45.0 | 67.6 |
| 119 | 32.0 | 25.8 | 38.8 |

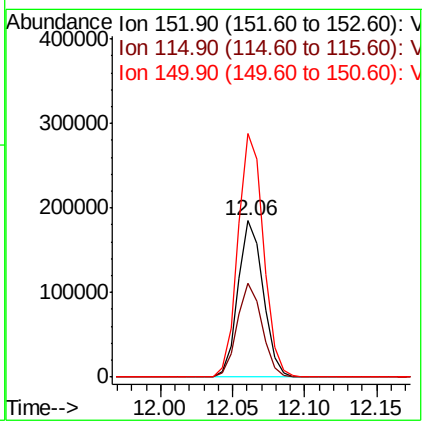


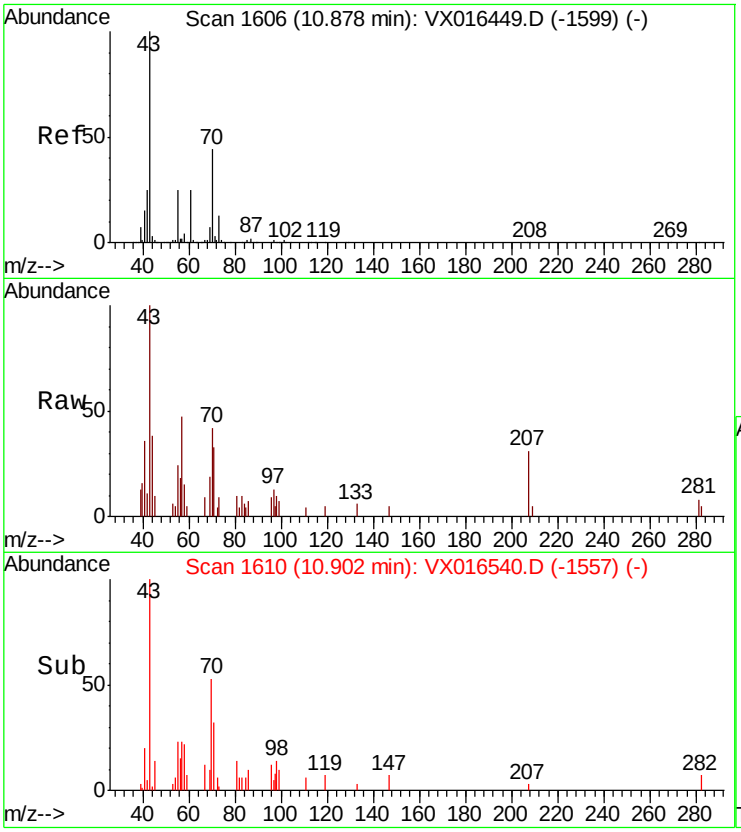




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

Tgt Ion:152 Resp: 223893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.3 | 39.9 | 119.6 |
| 150 | 157.9 | 0.0 | 341.0 |



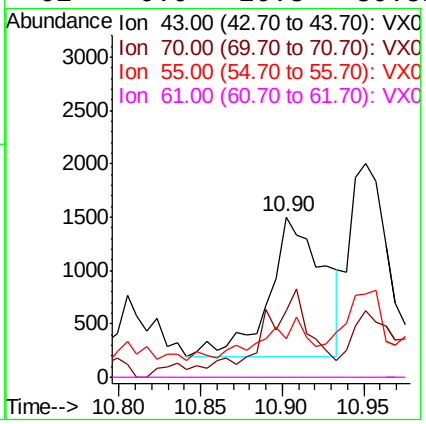


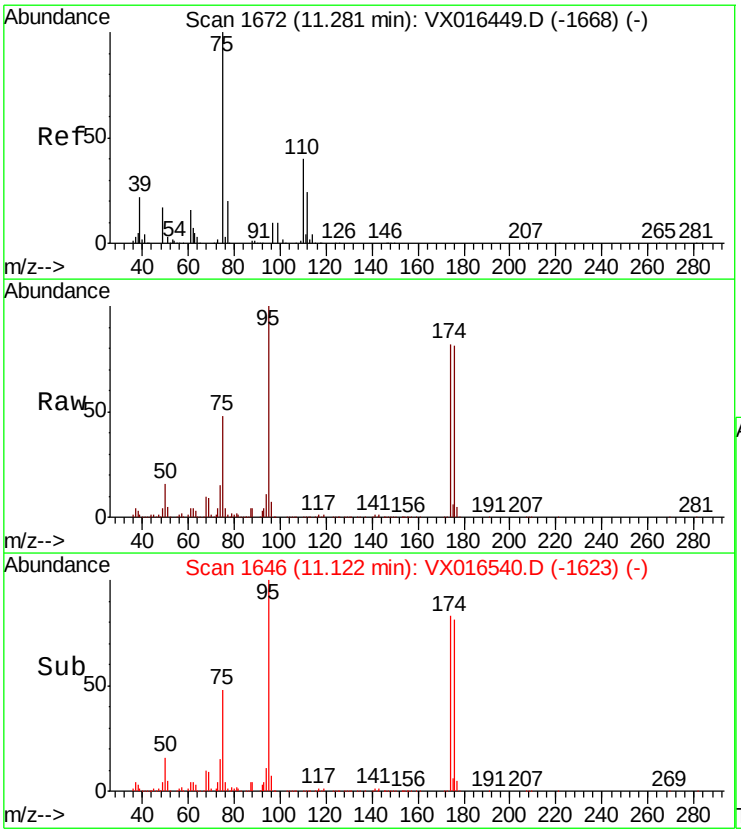

#74
N-amyl acetate
Concen: 0.420 ug/l
RT: 10.90 min Scan# 1610
Delta R.T. 0.02 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

**Instrument :** MSVOA_X
**ClientSampleId :** IBLK

Tgt Ion: 43 Resp: 2994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 44.5 | 36.1 | 54.1 |
| 55 | 26.4 | 20.2 | 30.4 |
| 61 | 0.0 | 20.3 | 30.5# |

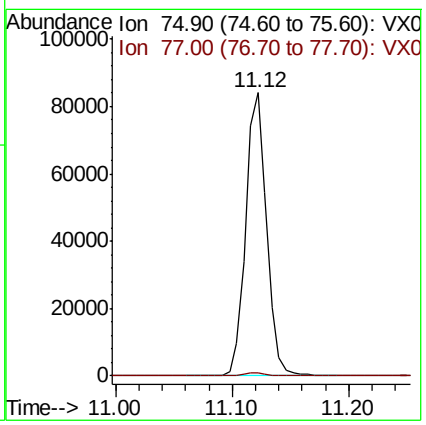


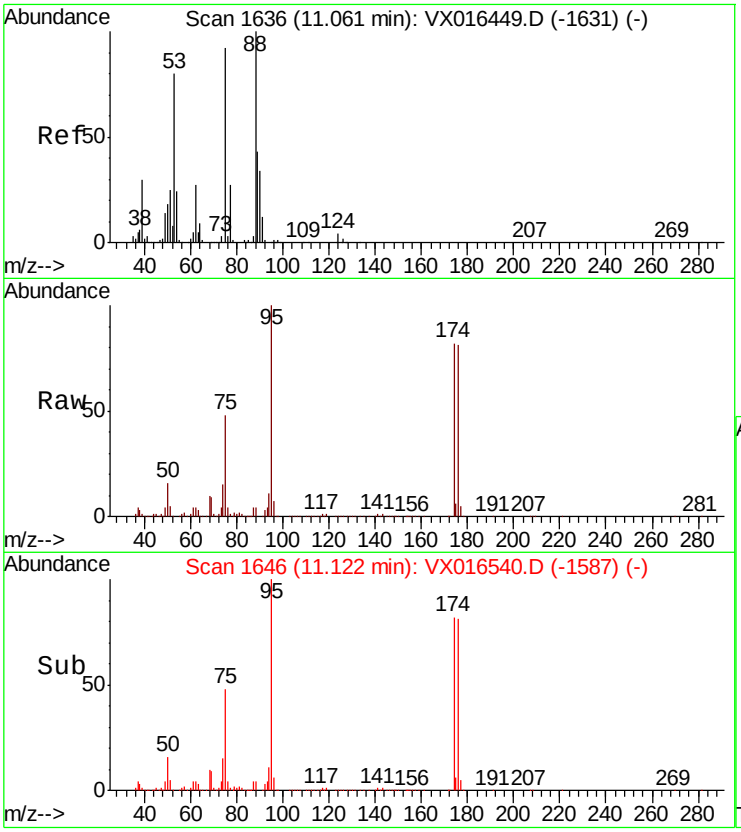




#76
1,2,3-Trichloropropane
Concen: 21.398 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

Tgt Ion: 75 Resp: 105308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.4 | 21.3 | 63.7# |






#81
trans-1,4-Dichloro-2-butene
Concen: 52.637 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

**Instrument :**
MSVOA_X
**ClientSampleId :**
IBLK

Tgt Ion: 75 Resp: 105308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.2 | 71.3 | 106.9# |
| 89 | 0.0 | 36.6 | 55.0# |