Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024702.D
Acq On : 18 Jun 2018 19:26
Operator : MD/SY
Sample : J3508-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** KGS-SIDE-2-3

Quant Time: Jun 19 05:14:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 4.99 | 168 | 193666 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 5.89 | 114 | 303334 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 9.09 | 117 | 282678 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 11.49 | 152 | 145574 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.31 | 65 | 135728 | 42.93 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 85.86% | | | |
| 35) Dibromofluoromethane | 4.89 | 113 | 120461 | 47.85 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.70% | | | |
| 50) Toluene-d8 | 7.57 | 98 | 444782 | 48.44 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.88% | | | |
| 62) 4-Bromofluorobenzene | 10.31 | 95 | 156197 | 42.84 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 85.68% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.33 | 50 | 699 | 0.282 | ug/l # | 88 |
| 6) Chloroethane | 1.48 | 64 | 29867 | 20.301 | ug/l # | 54 |
| 10) Methyl Iodide | 2.42 | 142 | 48 | 5.310 | ug/l # | 40 |
| 11) Tert butyl alcohol | 2.83 | 59 | 602 | 0.783 | ug/l # | 49 |
| 13) Acrolein | 2.20 | 56 | 133 | 0.329 | ug/l # | 1 |
| 16) Acetone | 2.32 | 43 | 7087 | 4.172 | ug/l | 96 |
| 31) Cyclohexane | 4.99 | 56 | 3416 | Below Cal | # | 1 |
| 36) 1,1-Dichloropropene | 4.99 | 75 | 13267 | 3.722 | ug/l # | 49 |
| 38) Carbon Tetrachloride | 4.99 | 117 | 17819 | 4.546 | ug/l # | 16 |
| 51) 4-Methyl-2-Pentanone | 7.47 | 43 | 1188 | 0.282 | ug/l # | 67 |
| 76) 1,2,3-Trichloropropane | 10.31 | 75 | 78704 | 24.557 | ug/l # | 35 |
| 81) trans-1,4-Dichloro-2-buten | 10.31 | 75 | 78704 | 56.834 | ug/l # | 100 |
| 95) Naphthalene | 13.77 | 128 | 906 | 0.763 | ug/l # | 72 |

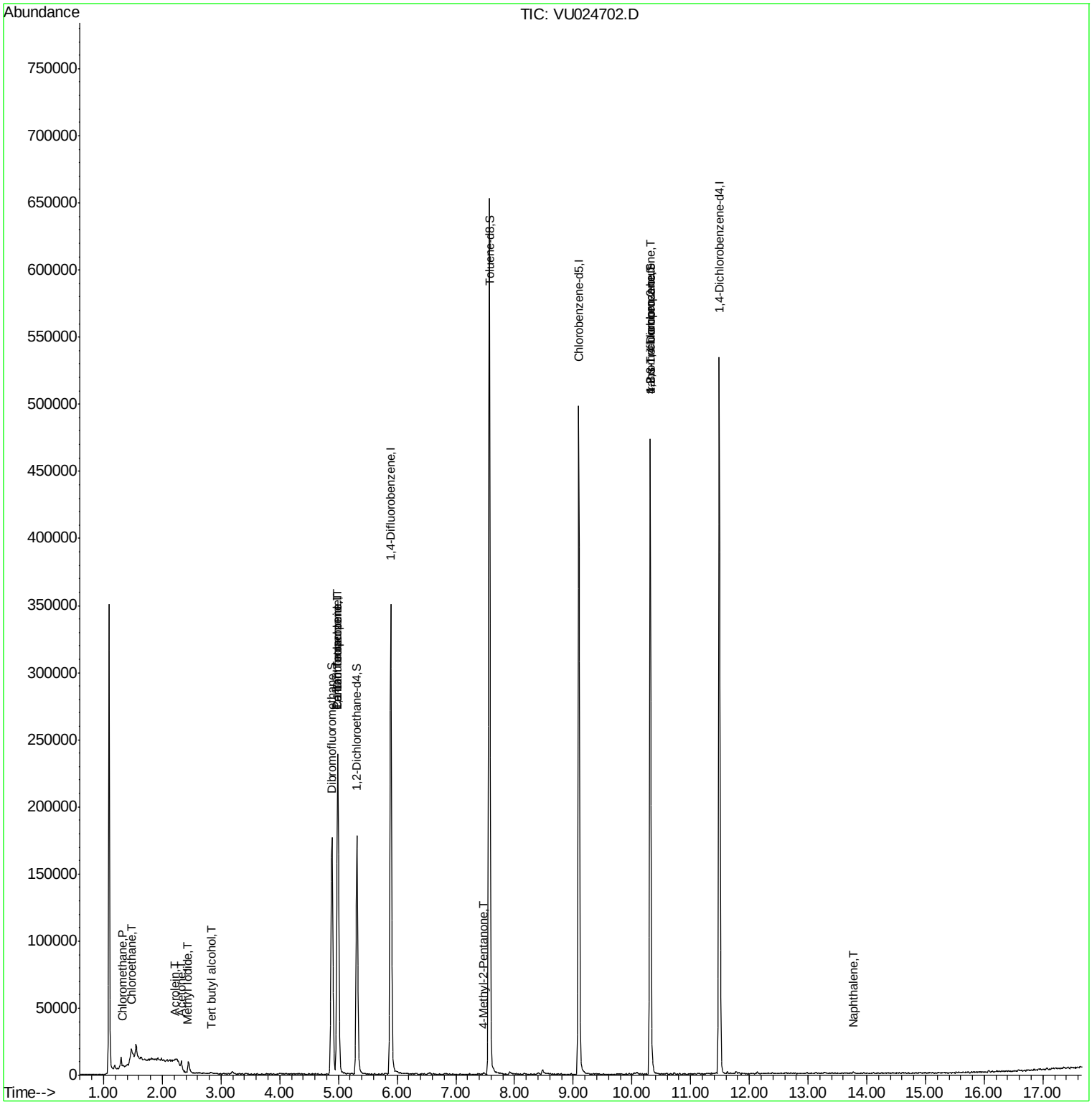
(#) = qualifier out of range (m) = manual integration (+) = signals summed

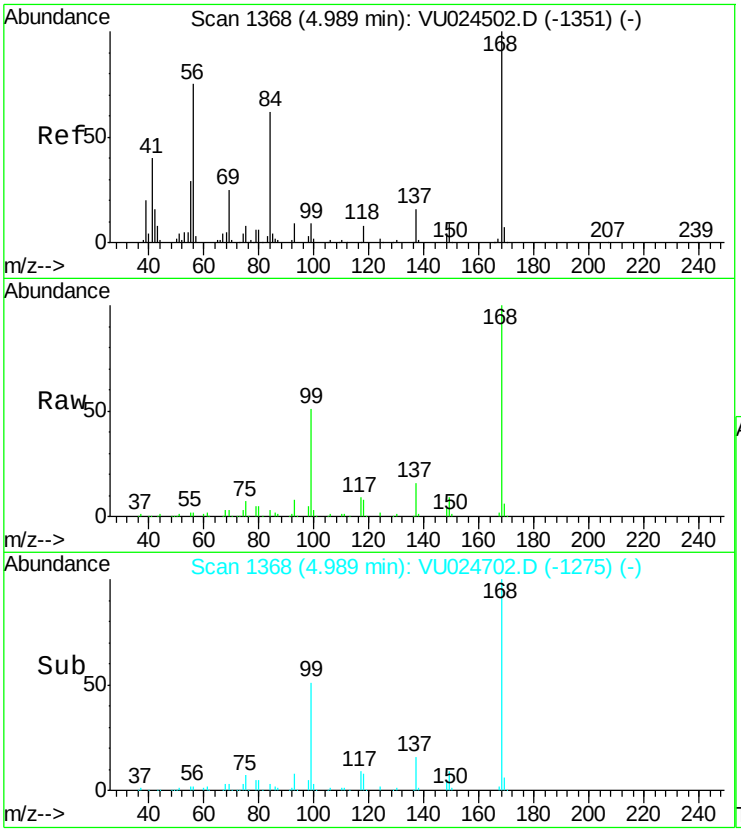
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061818\
Data File : VU024702.D
Acq On : 18 Jun 2018 19:26
Operator : MD/SY
Sample : J3508-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
KGS-SIDE-2-3

Quant Time: Jun 19 05:14:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration



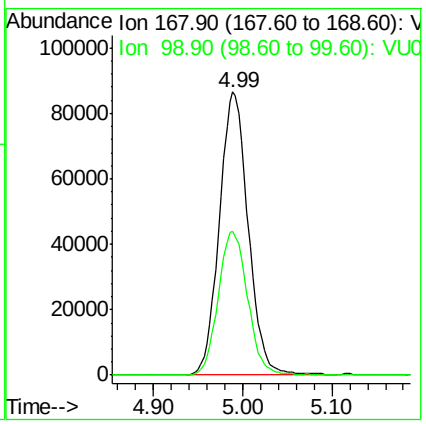


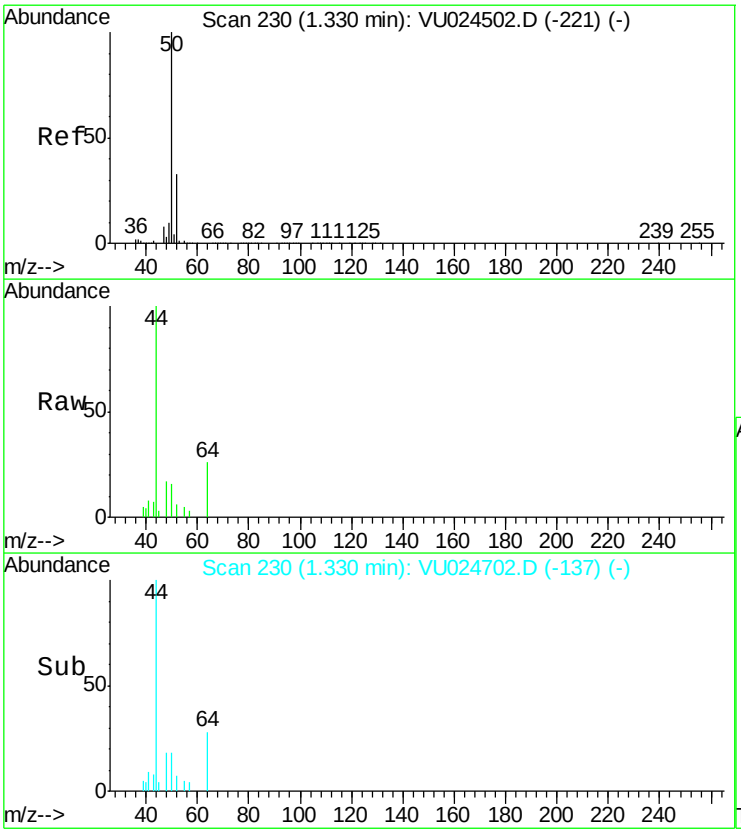

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VU024702.D
Acq: 18 Jun 2018 19:26

**Instrument :** MSVOA_U
**ClientSampleId :** KGS-SIDE-2-3

Tgt Ion:168 Resp: 193666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 51.0 | 43.2 | 64.8 |

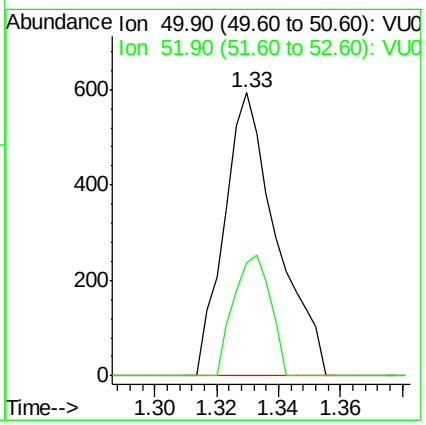


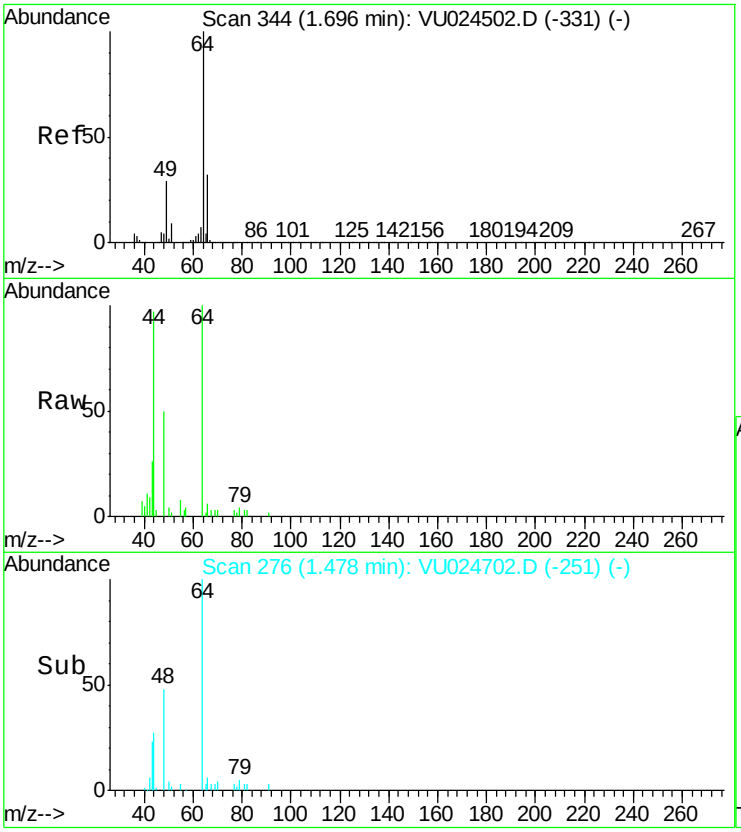




#3
Chloromethane
Concen: 0.282 ug/l
RT: 1.33 min Scan# 230
Delta R.T. 0.00 min
Lab File: VU024702.D
Acq: 18 Jun 2018 19:26

Tgt Ion: 50 Resp: 699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 40.0 | 26.4 | 39.6# |



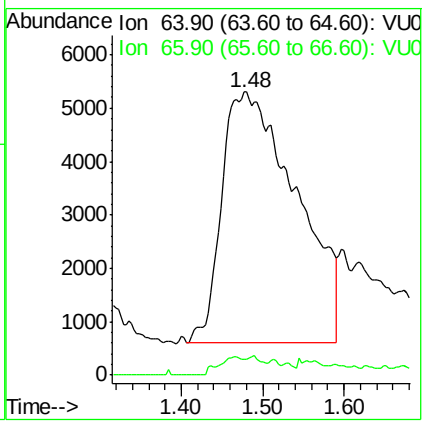


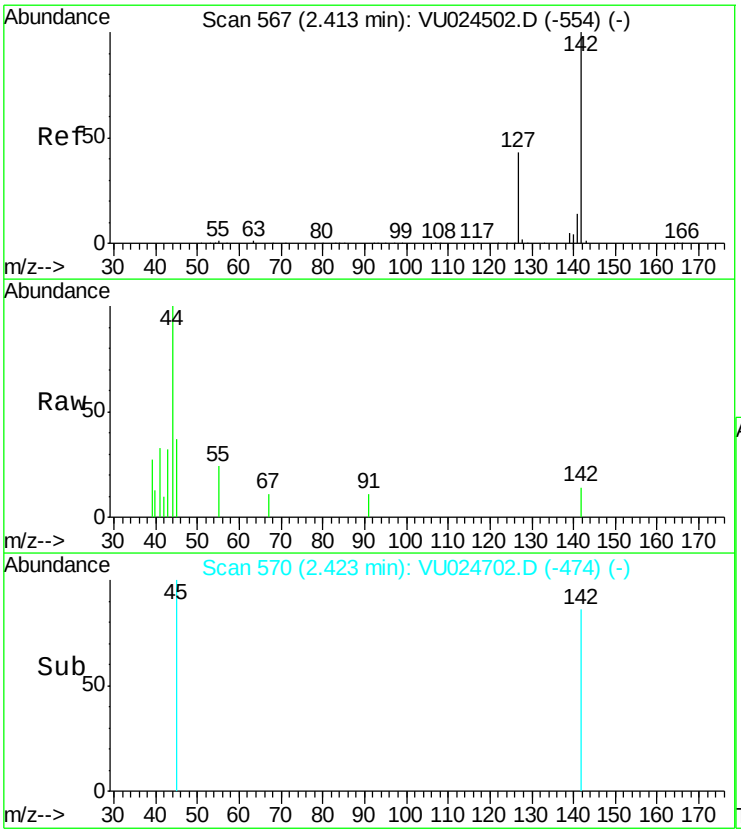

#6
Chloroethane
Concen: 20.301 ug/l
RT: 1.48 min Scan# 276
Delta R.T. -0.22 min
Lab File: VU024702.D
Acq: 18 Jun 2018 19:26

**Instrument :** MSVOA_U
**ClientSampleId :** KGS-SIDE-2-3

Tgt Ion: 64 Resp: 29867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 6.3 | 25.5 | 38.3# |

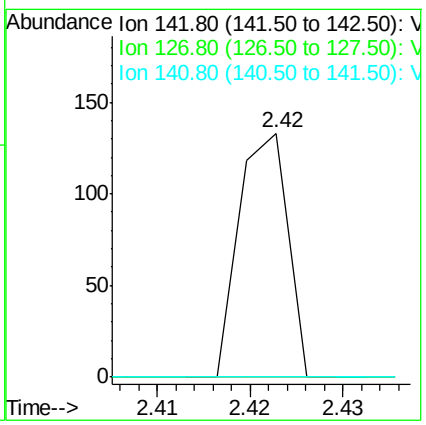


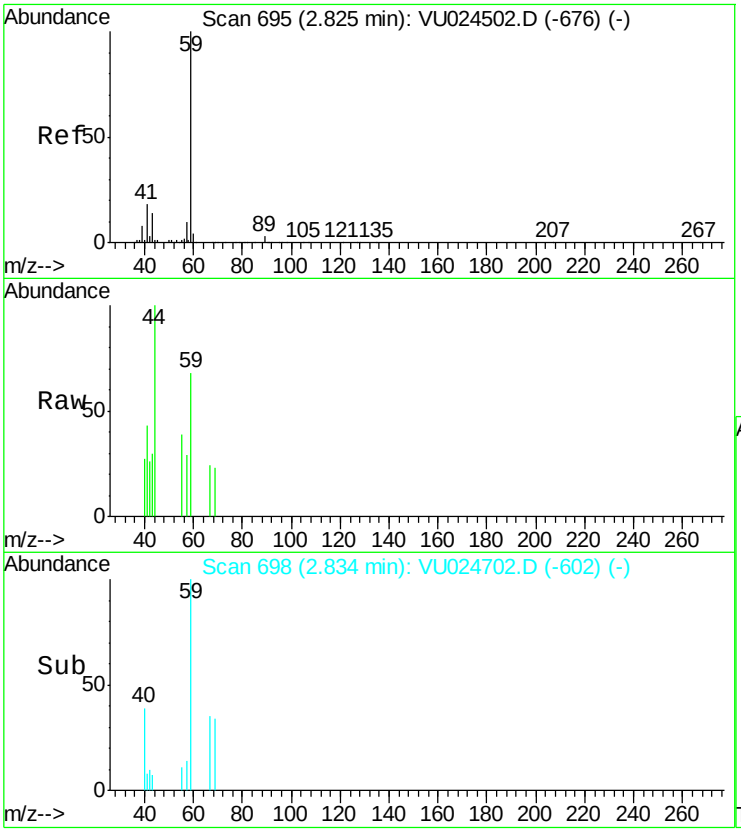




#10
Methyl Iodide
Concen: 5.310 ug/l
RT: 2.42 min Scan# 570
Delta R.T. 0.01 min
Lab File: VU024702.D
Acq: 18 Jun 2018 19:26

Tgt Ion:142 Resp: 48

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 0.0 | 35.6 | 53.4# |
| 141 | 0.0 | 11.7 | 17.5# |



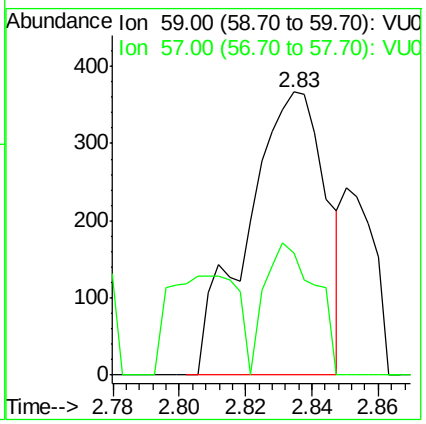


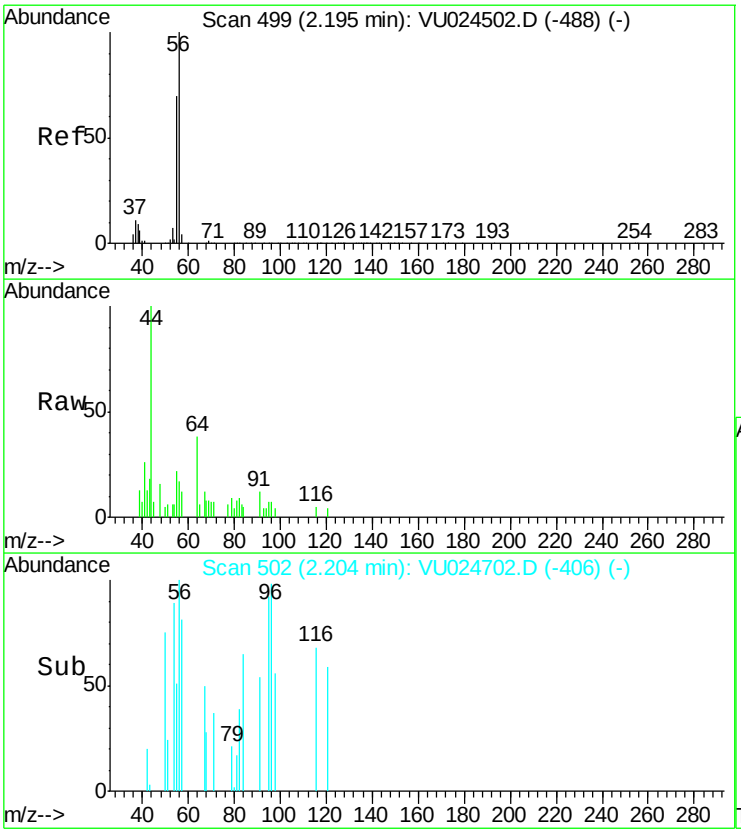

#11
Tert butyl alcohol
Concen: 0.783 ug/l
RT: 2.83 min Scan# 698
Delta R.T. 0.01 min
Lab File: VU024702.D
Acq: 18 Jun 2018 19:26

**Instrument :** MSVOA_U
**ClientSampleId :** KGS-SIDE-2-3

Tgt Ion: 59 Resp: 602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 29.9 | 8.5 | 12.7# |

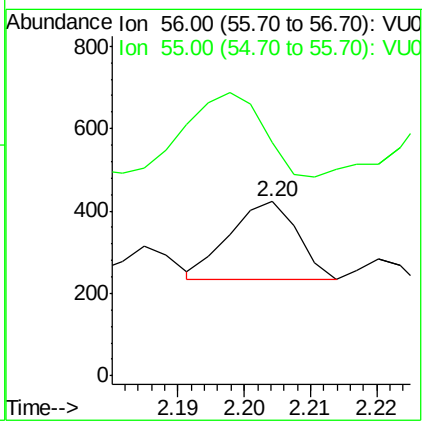


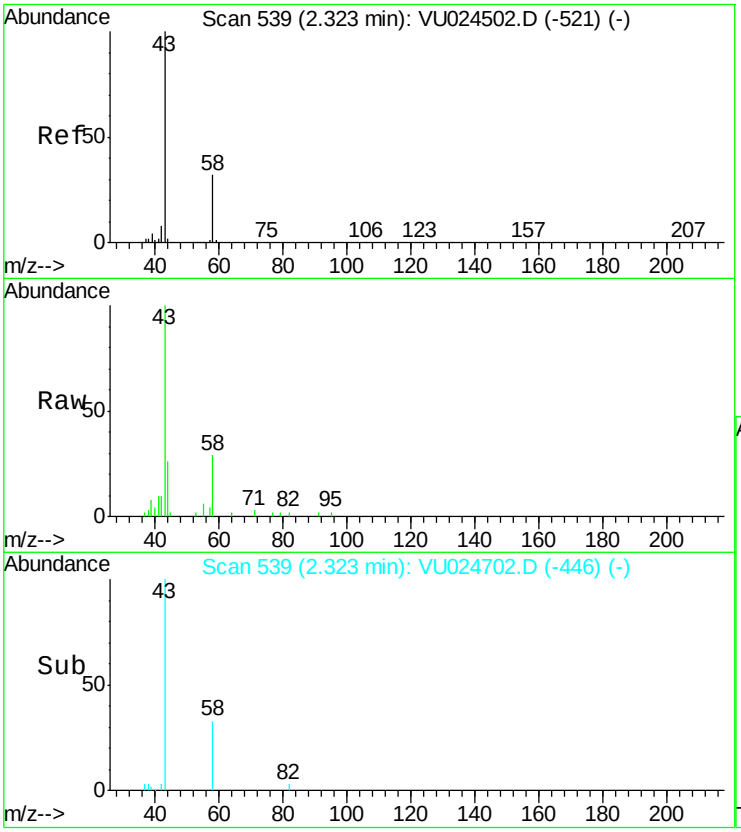




#13
Acrolein
Concen: 0.329 ug/l
RT: 2.20 min Scan# 502
Delta R.T. 0.01 min
Lab File: VU024702.D
Acq: 18 Jun 2018 19:26

Tgt Ion: 56 Resp: 133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 353.4 | 58.4 | 87.6# |



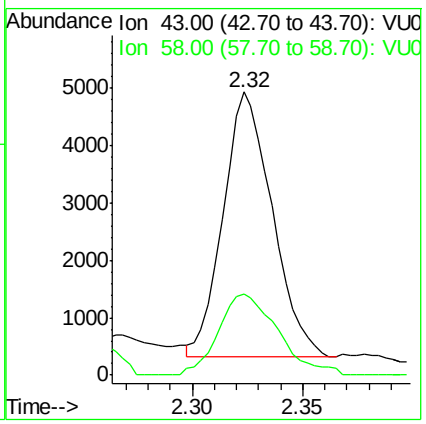


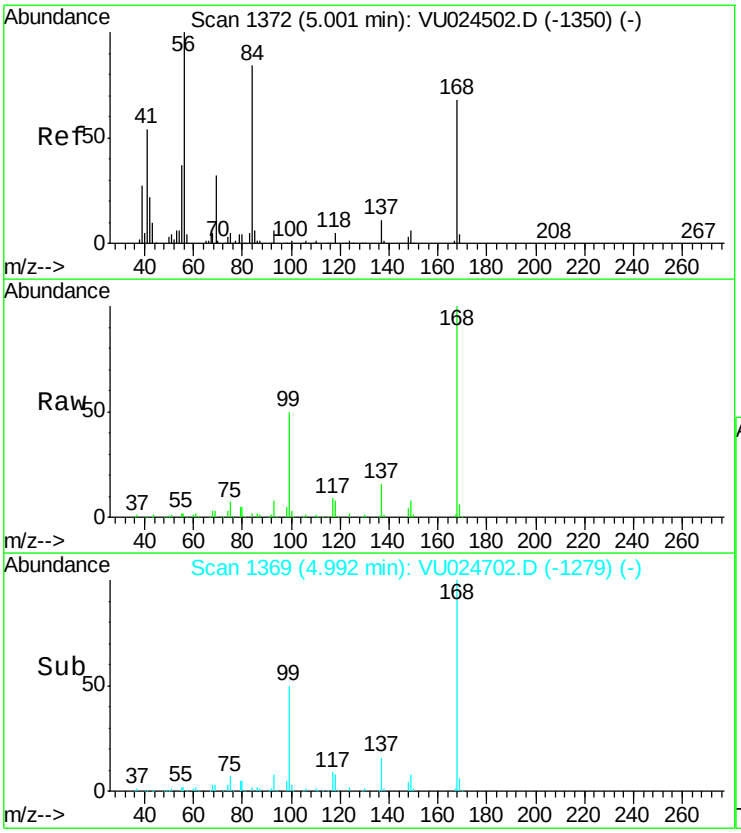

#16
Acetone
Concen: 4.172 ug/l
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU024702.D
Acq: 18 Jun 2018 19:26

**Instrument :** MSVOA_U
**ClientSampleId :** KGS-SIDE-2-3

Tgt Ion: 43 Resp: 7087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.2 | 24.4 | 36.6 |

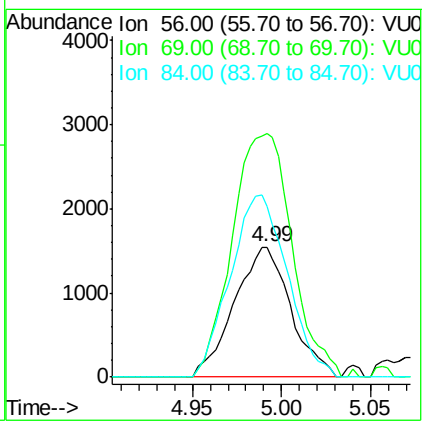


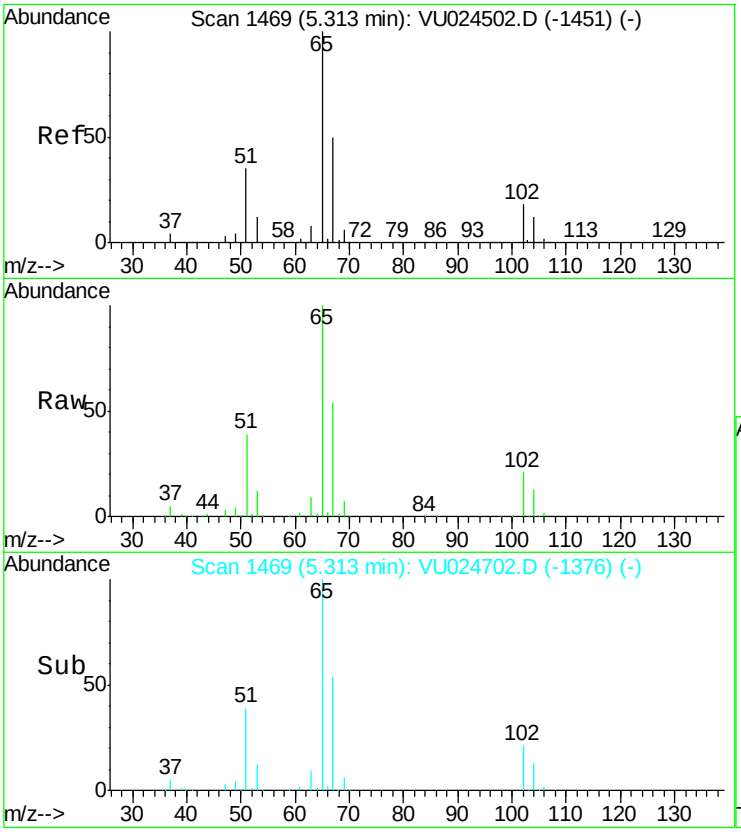




#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1369
Delta R.T. -0.01 min
Lab File: VU024702.D
Acq: 18 Jun 2018 19:26

Tgt Ion: 56 Resp: 3416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 187.4 | 24.8 | 37.2# |
| 84 | 131.2 | 65.2 | 97.8# |



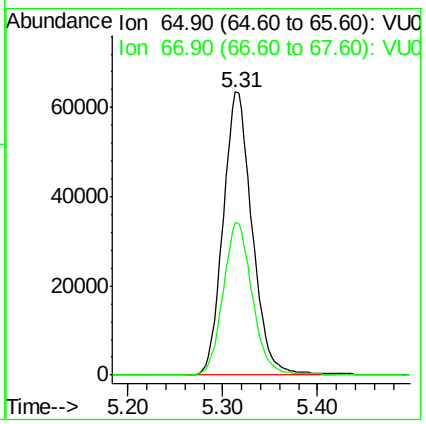


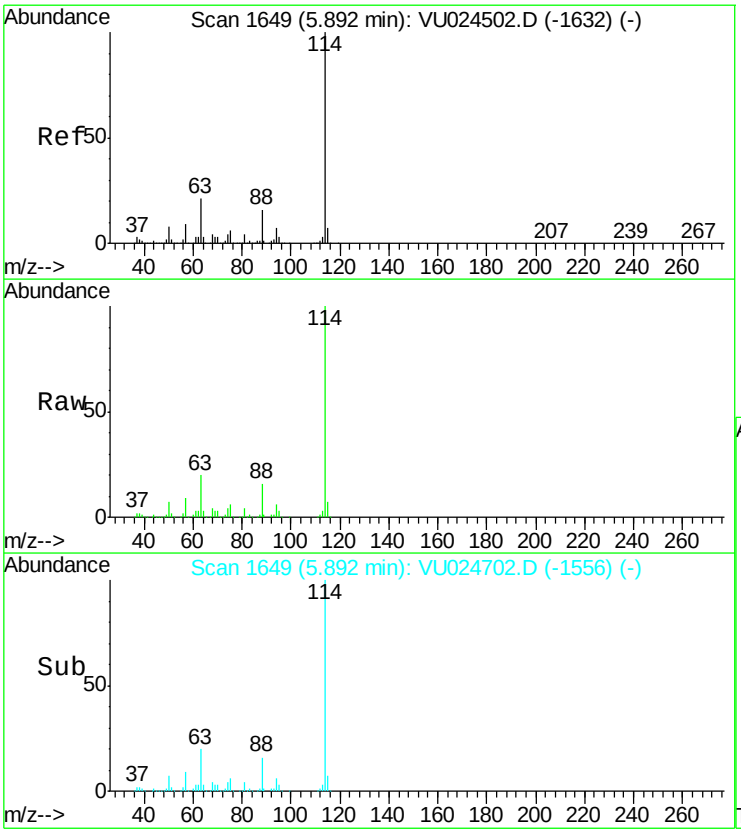

#33
1,2-Dichloroethane-d4
Concen: 42.930 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU024702.D
Acq: 18 Jun 2018 19:26

**Instrument :** MSVOA_U
**ClientSampleId :** KGS-SIDE-2-3

Tgt Ion: 65 Resp: 135728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.1 | 0.0 | 107.0 |

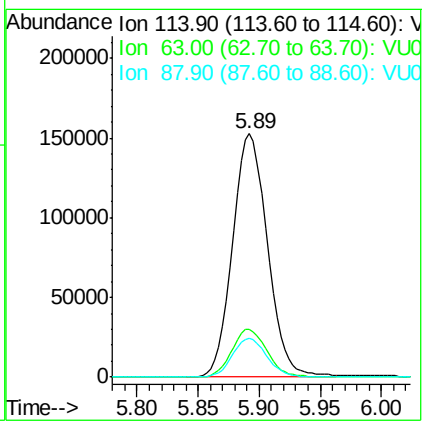


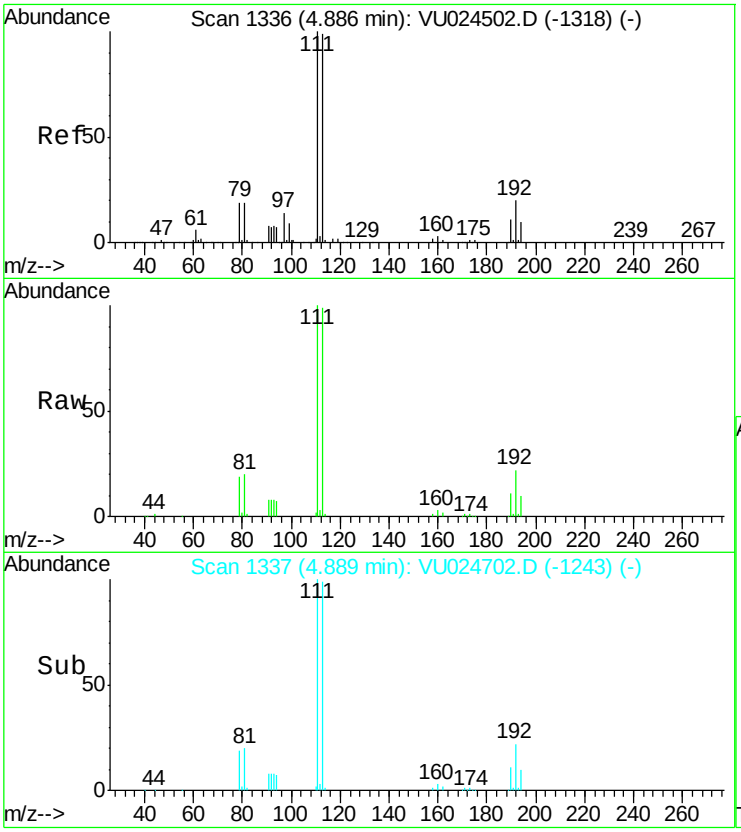




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU024702.D
Acq: 18 Jun 2018 19:26

Tgt Ion:114 Resp: 303334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.7 | 0.0 | 45.4 |
| 88 | 15.7 | 0.0 | 31.0 |



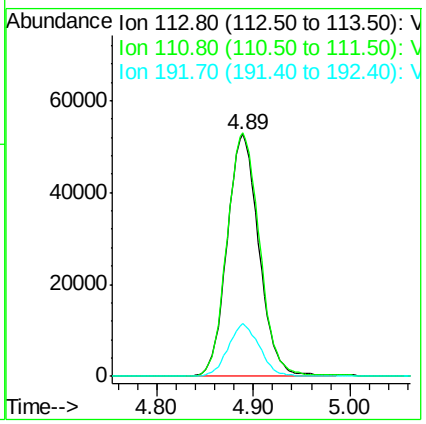


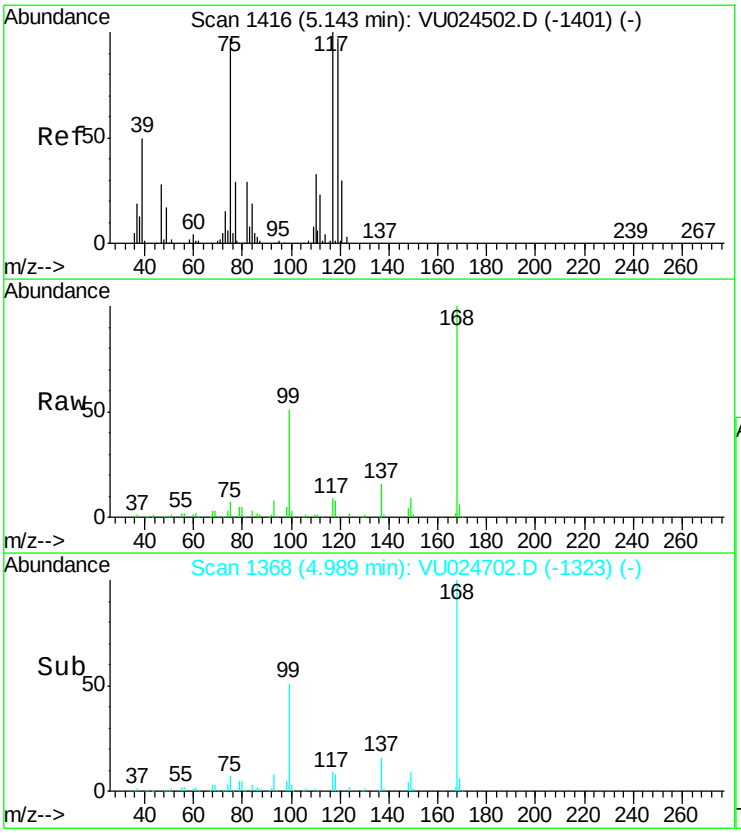

#35
Dibromofluoromethane
Concen: 47.851 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024702.D
Acq: 18 Jun 2018 19:26

**Instrument :**
MSVOA_U
**ClientSampleId :**
KGS-SIDE-2-3

Tgt Ion:113 Resp: 120461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.6 | 82.2 | 123.4 |
| 192 | 21.2 | 16.2 | 24.4 |

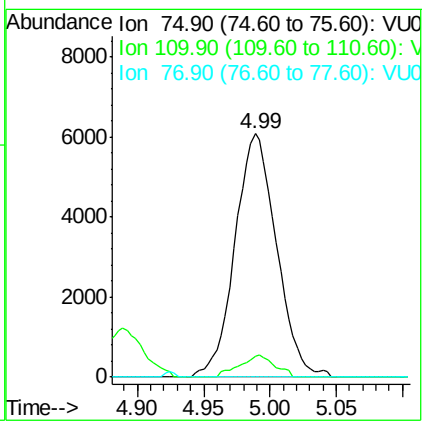


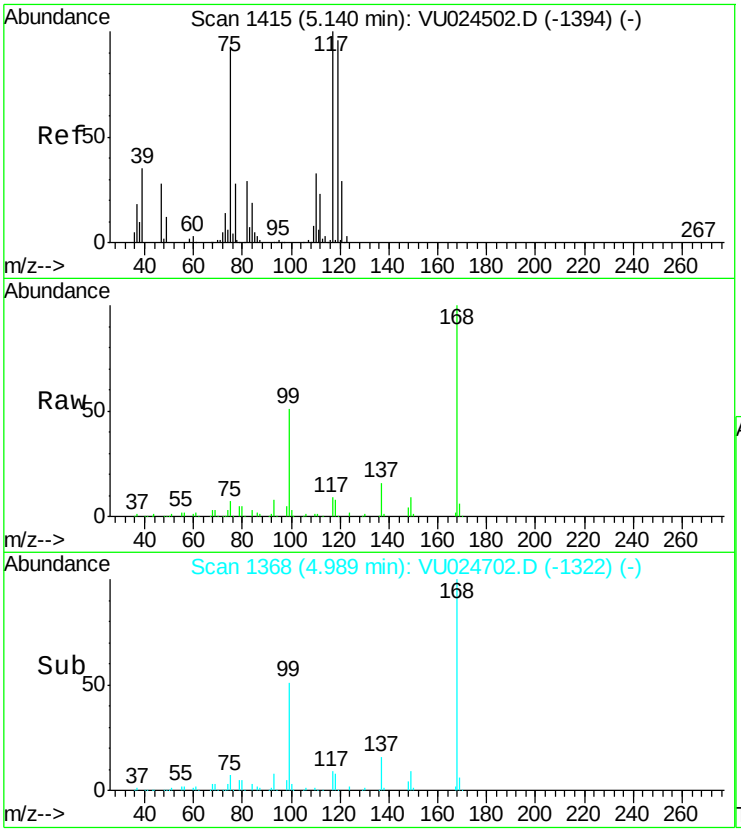




#36
1,1-Dichloropropene
Concen: 3.722 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.15 min
Lab File: VU024702.D
Acq: 18 Jun 2018 19:26

Tgt Ion: 75 Resp: 13267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 7.6 | 17.0 | 50.9# |
| 77 | 0.0 | 24.2 | 36.4# |



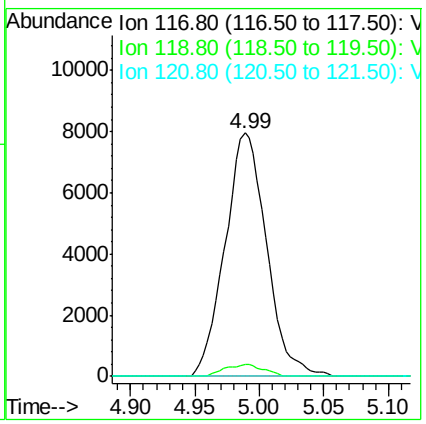


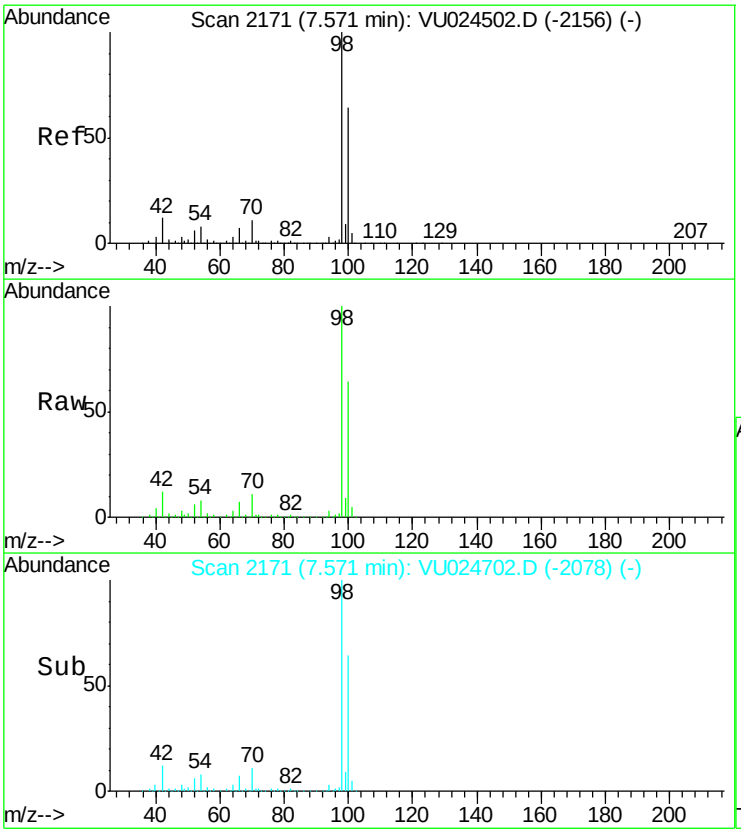

#38
Carbon Tetrachloride
Concen: 4.546 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.15 min
Lab File: VU024702.D
Acq: 18 Jun 2018 19:26

**Instrument :** MSVOA_U
**ClientSampleId :** KGS-SIDE-2-3

Tgt Ion:117 Resp: 17819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.9 | 76.1 | 114.1# |
| 121 | 0.0 | 23.7 | 35.5# |

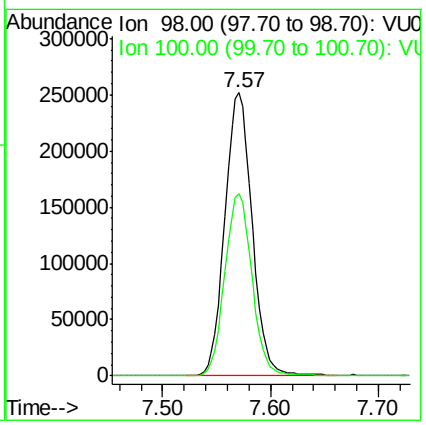


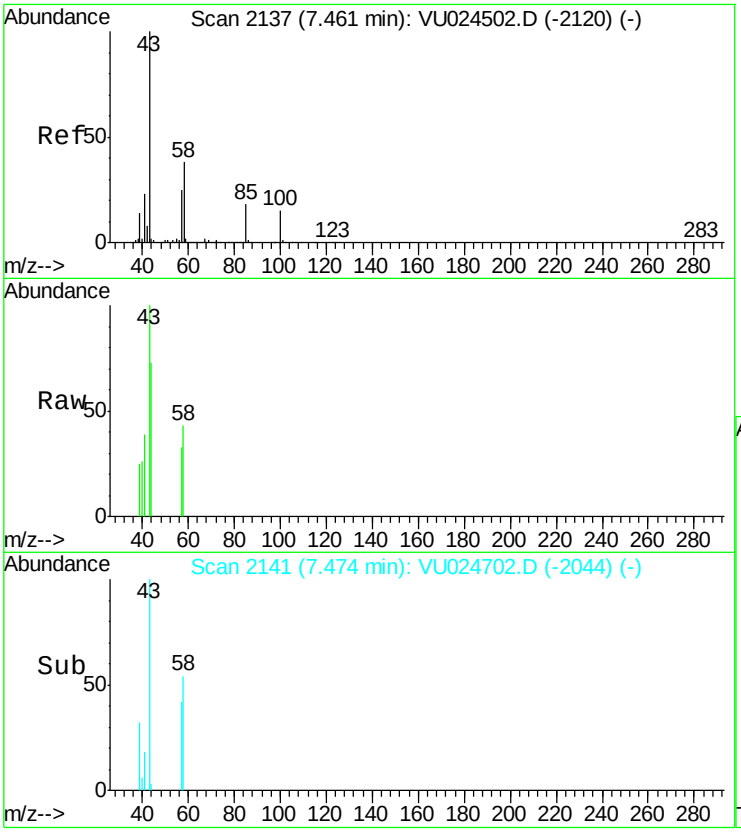




#50
Toluene-d8
Concen: 48.438 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU024702.D
Acq: 18 Jun 2018 19:26

Tgt Ion: 98 Resp: 444782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.4 | 51.1 | 76.7 |



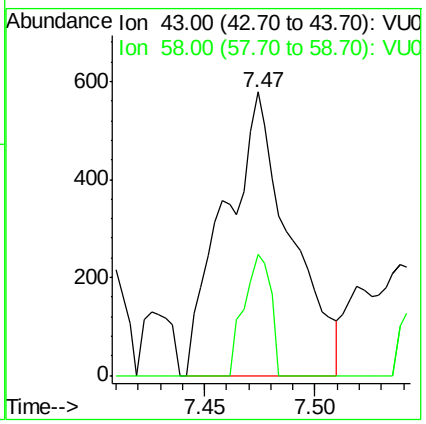


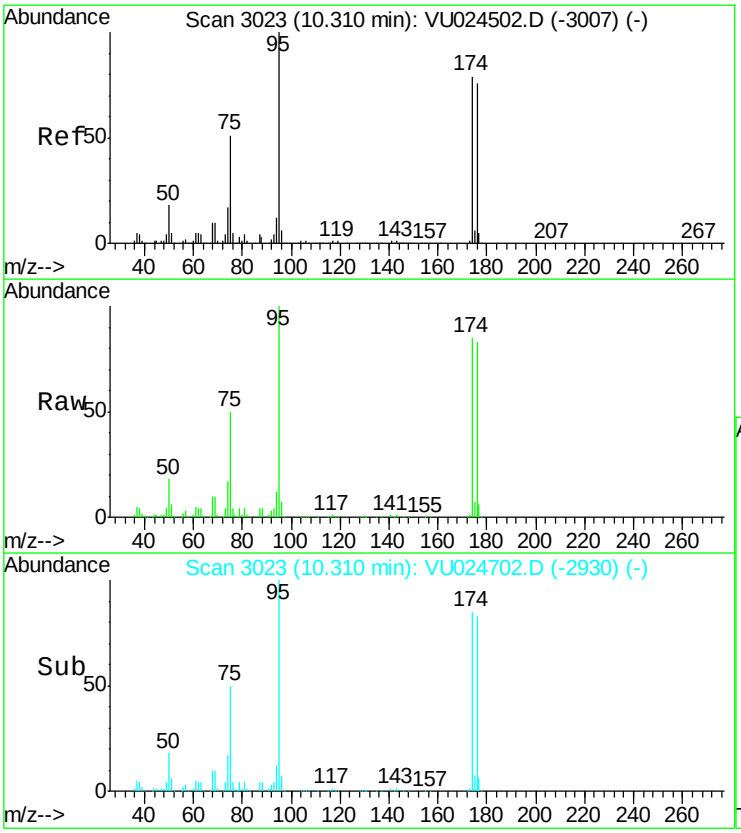

#51
4-Methyl-2-Pentanone
Concen: 0.282 ug/l
RT: 7.47 min Scan# 2141
Delta R.T. 0.01 min
Lab File: VU024702.D
Acq: 18 Jun 2018 19:26

**Instrument :** MSVOA_U
**ClientSampleId :** KGS-SIDE-2-3

Tgt Ion: 43 Resp: 1188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 17.6 | 30.0 | 45.0# |

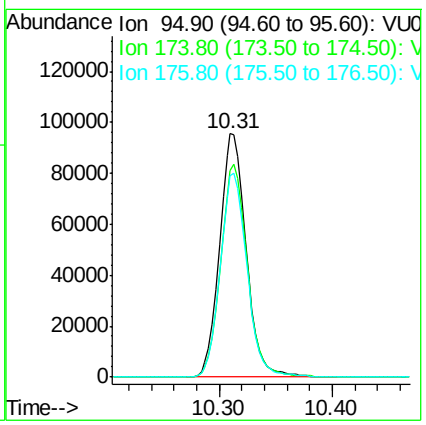


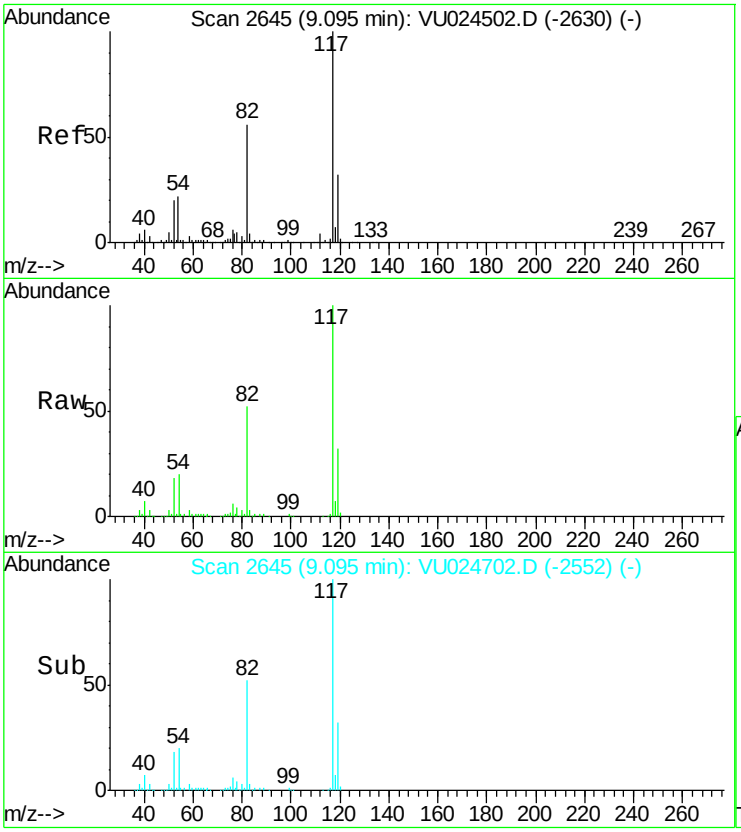




#62
4-Bromofluorobenzene
Concen: 42.842 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024702.D
Acq: 18 Jun 2018 19:26

Tgt Ion: 95 Resp: 156197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 87.1 | 0.0 | 165.8 |
| 176 | 84.3 | 0.0 | 159.4 |



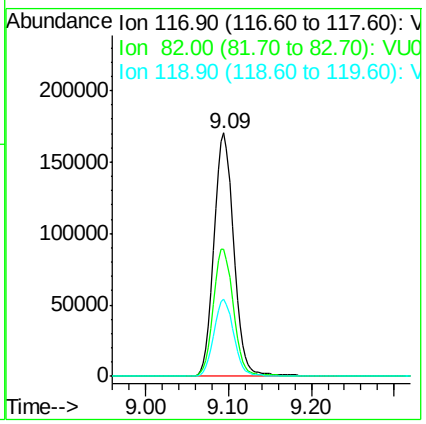


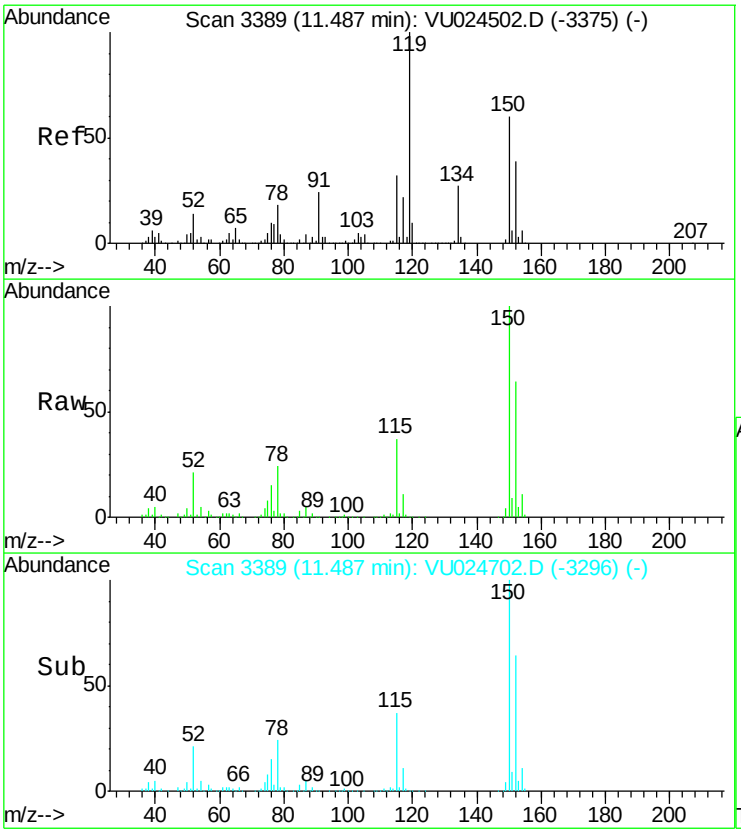

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024702.D
Acq: 18 Jun 2018 19:26

**Instrument :** MSVOA_U
**ClientSampleId :** KGS-SIDE-2-3

Tgt Ion:117 Resp: 282678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 52.2 | 44.3 | 66.5 |
| 119 | 31.6 | 25.4 | 38.2 |

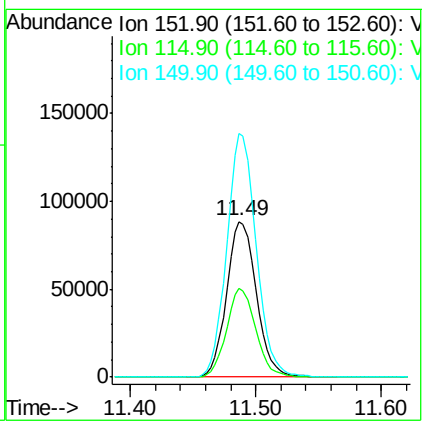


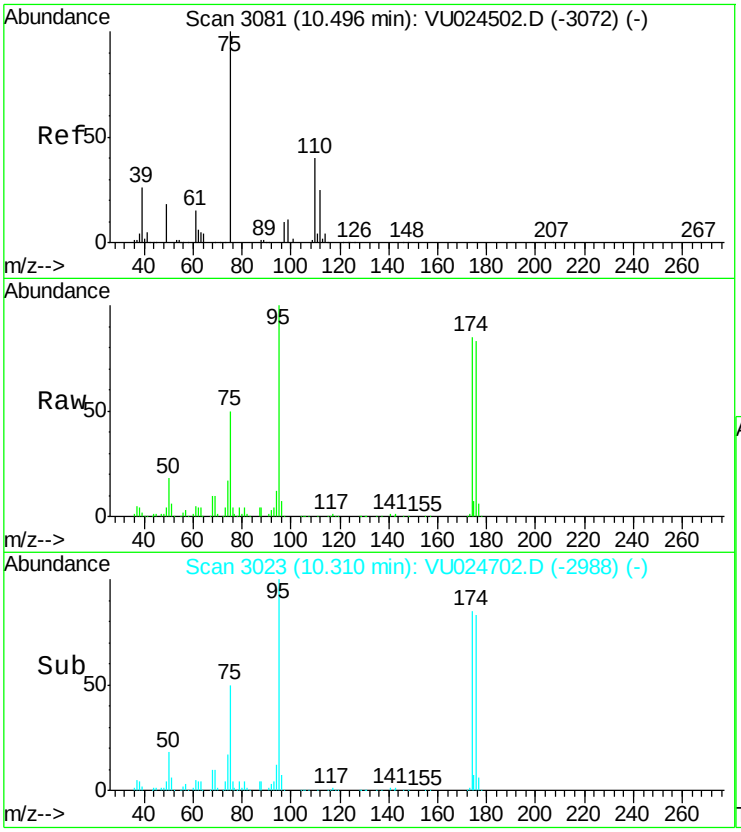




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024702.D
Acq: 18 Jun 2018 19:26

Tgt Ion:152 Resp: 145574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 56.1 | 43.0 | 129.0 |
| 150 | 155.1 | 0.0 | 354.0 |



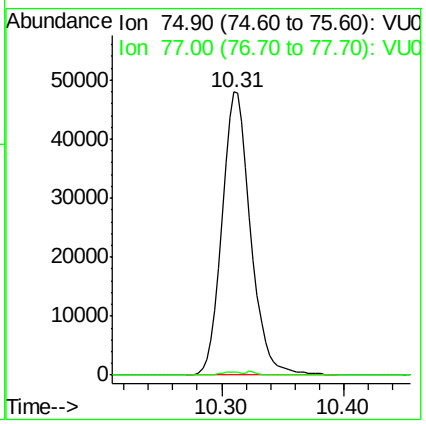


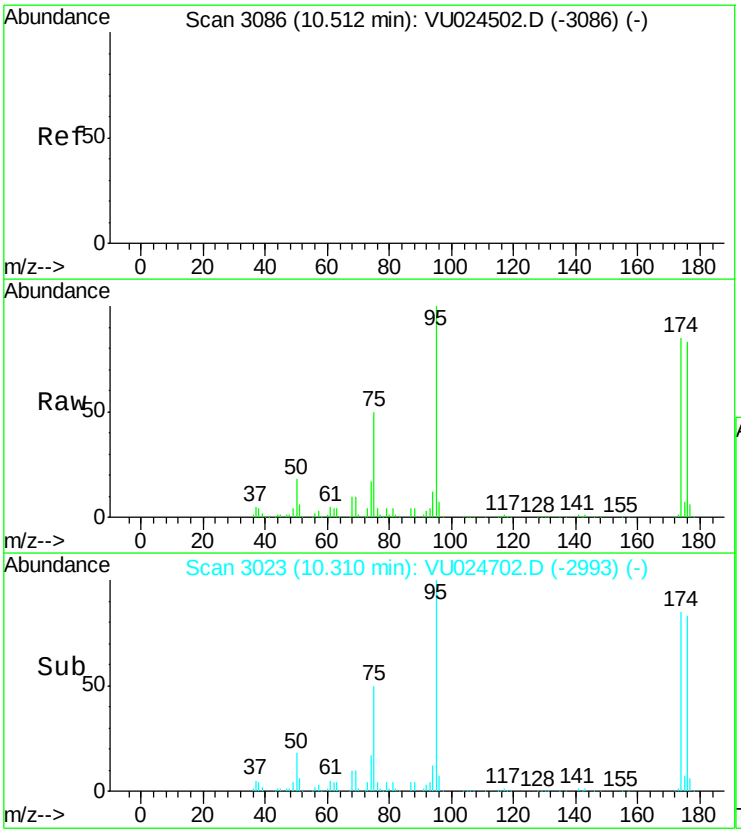

#76
1,2,3-Trichloropropane
Concen: 24.557 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.19 min
Lab File: VU024702.D
Acq: 18 Jun 2018 19:26

**Instrument :**
MSVOA_U
**ClientSampleId :**
KGS-SIDE-2-3

Tgt Ion: 75 Resp: 78704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.8 | 20.9 | 62.7# |

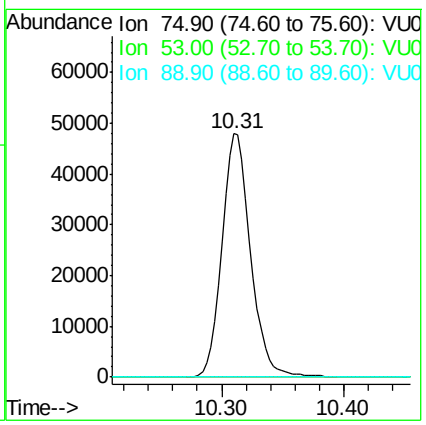


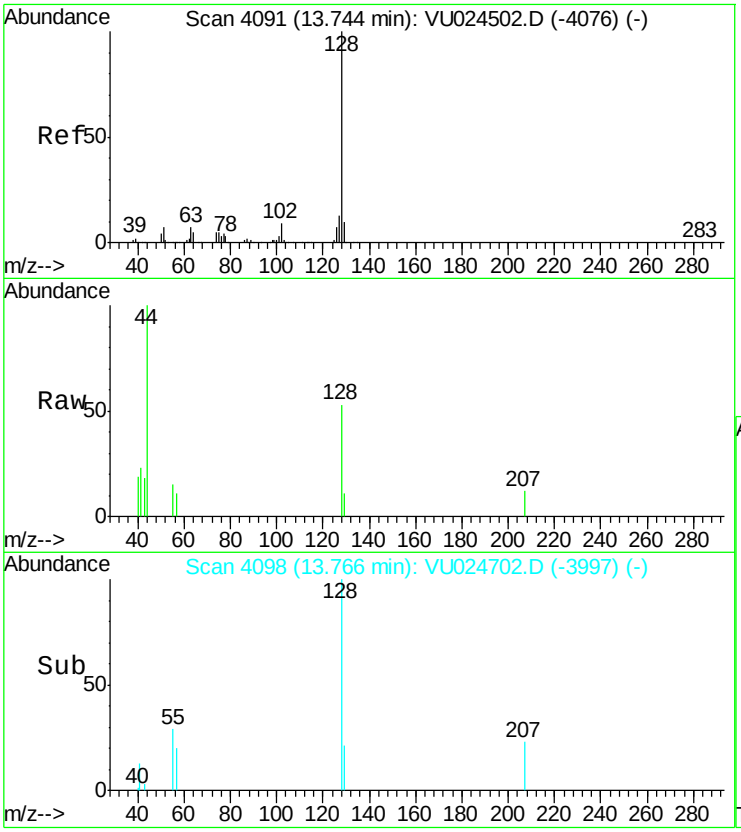




#81
trans-1,4-Dichloro-2-butene
Concen: 56.834 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.20 min
Lab File: VU024702.D
Acq: 18 Jun 2018 19:26

Tgt Ion: 75 Resp: 78704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 0.0 | 0.0 |
| 89 | 0.0 | 0.0 | 0.0 |






#95
Naphthalene
Concen: 0.763 ug/l
RT: 13.77 min Scan# 4098
Delta R.T. 0.02 min
Lab File: VU024702.D
Acq: 18 Jun 2018 19:26

**Instrument :**
MSVOA_U
**ClientSampleId :**
KGS-SIDE-2-3

Tgt Ion:128 Resp: 906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 0.0 | 10.6 | 16.0# |
| 129 | 2.2 | 8.6 | 12.8# |