Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
Data File : VX019833.D
Acq On : 10 Dec 2020 18:13
Operator : JC/MD
Sample : L4996-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** RE126D1-20201208

Quant Time: Dec 11 00:53:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.63 | 168 | 313176 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.83 | 114 | 519770 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.09 | 117 | 481452 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 215085 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.03 | 65 | 199111 | 48.37 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 61 - 141 | | Recovery = 96.74% | | | |
| 35) Dibromofluoromethane | 5.46 | 113 | 161443 | 48.06 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 69 - 133 | | Recovery = 96.12% | | | |
| 50) Toluene-d8 | 8.70 | 98 | 627995 | 48.97 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 65 - 126 | | Recovery = 97.94% | | | |
| 62) 4-Bromofluorobenzene | 11.12 | 95 | 220896 | 45.25 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 135 | | Recovery = 90.50% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Bromomethane | 1.63 | 94 | 589 | 0.499 | ug/l | 90 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 738 | 0.260 | ug/l | 100 |
| 11) Tert butyl alcohol | 3.00 | 59 | 798 | Below Cal | # | 73 |
| 16) Acetone | 2.42 | 43 | 1435 | 0.928 | ug/l | 91 |
| 20) Methylene Chloride | 2.83 | 84 | 486 | Below Cal | # | 83 |
| 31) Cyclohexane | 5.62 | 56 | 5996 | 1.171 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 5.63 | 75 | 23698 | 5.046 | ug/l # | 48 |
| 38) Carbon Tetrachloride | 5.62 | 117 | 30585 | 6.650 | ug/l # | 16 |
| 44) Trichloroethene | 7.18 | 130 | 6776 | 1.800 | ug/l | 95 |
| 51) 4-Methyl-2-Pentanone | 8.70 | 43 | 2728 | 0.580 | ug/l # | 1 |
| 60) Dibromochloromethane | 9.32 | 129 | 4424 | 1.204 | ug/l # | 11 |
| 64) Tetrachloroethene | 9.32 | 164 | 4468 | 1.384 | ug/l | 92 |
| 76) 1,2,3-Trichloropropane | 11.12 | 75 | 108728 | 22.539 | ug/l # | 39 |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75 | 108728 | 65.156 | ug/l # | 12 |

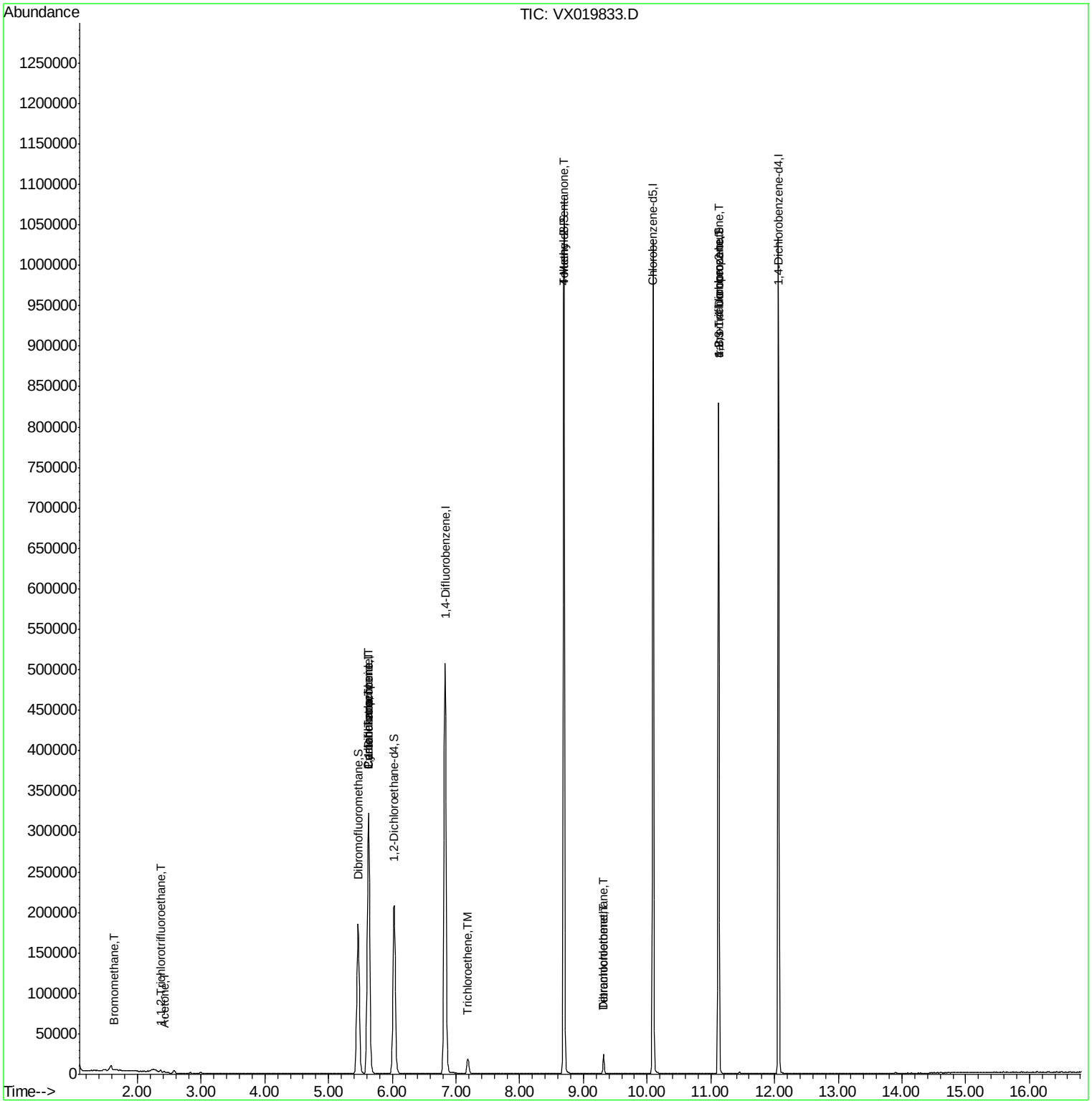
(#) = qualifier out of range (m) = manual integration (+) = signals summed

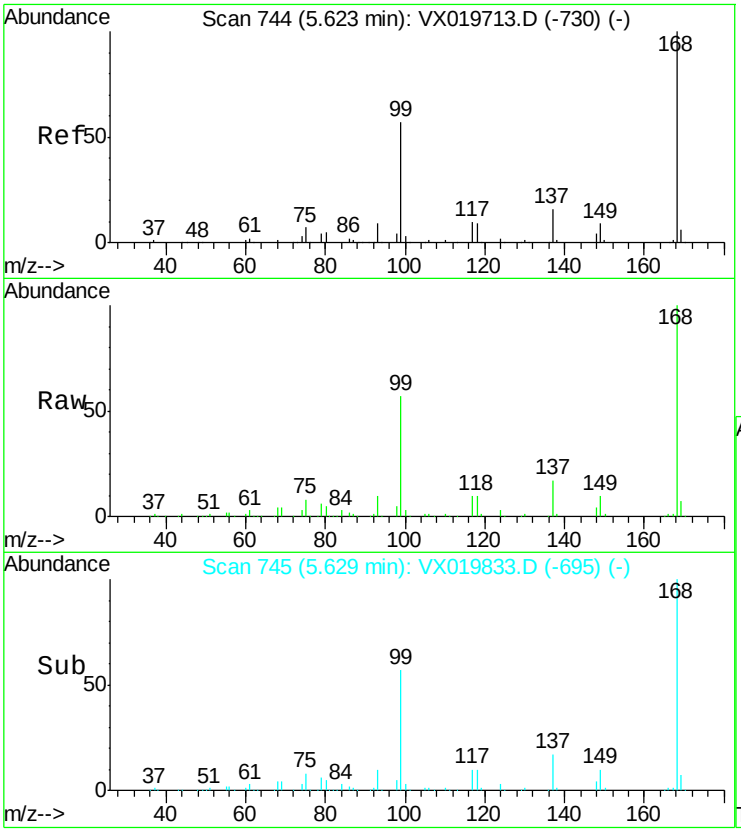
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
Data File : VX019833.D
Acq On : 10 Dec 2020 18:13
Operator : JC/MD
Sample : L4996-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE126D1-20201208

Quant Time: Dec 11 00:53:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration



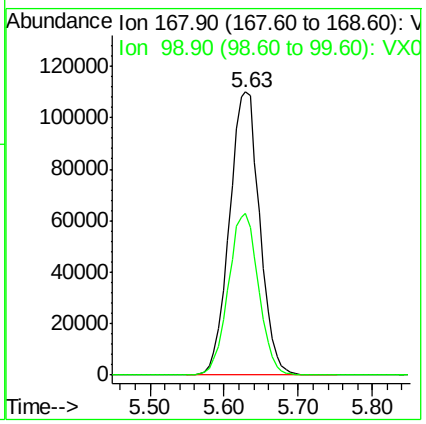


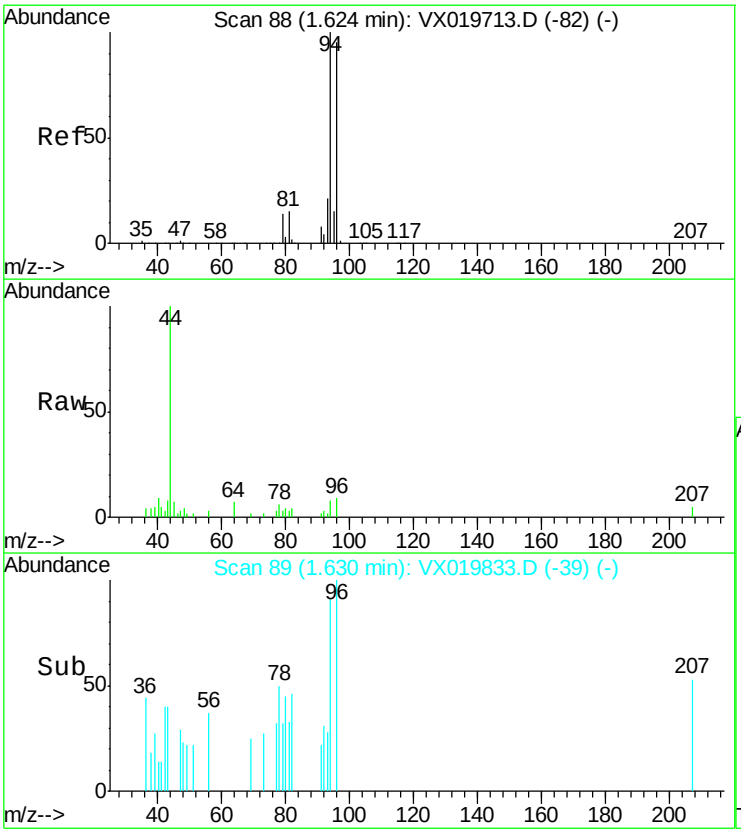

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE126D1-20201208

Tgt Ion:168 Resp: 313176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 57.2 | 45.8 | 68.6 |

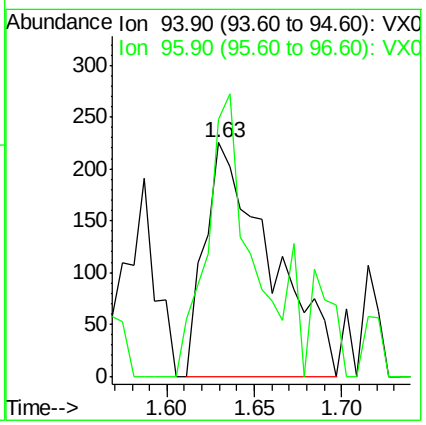


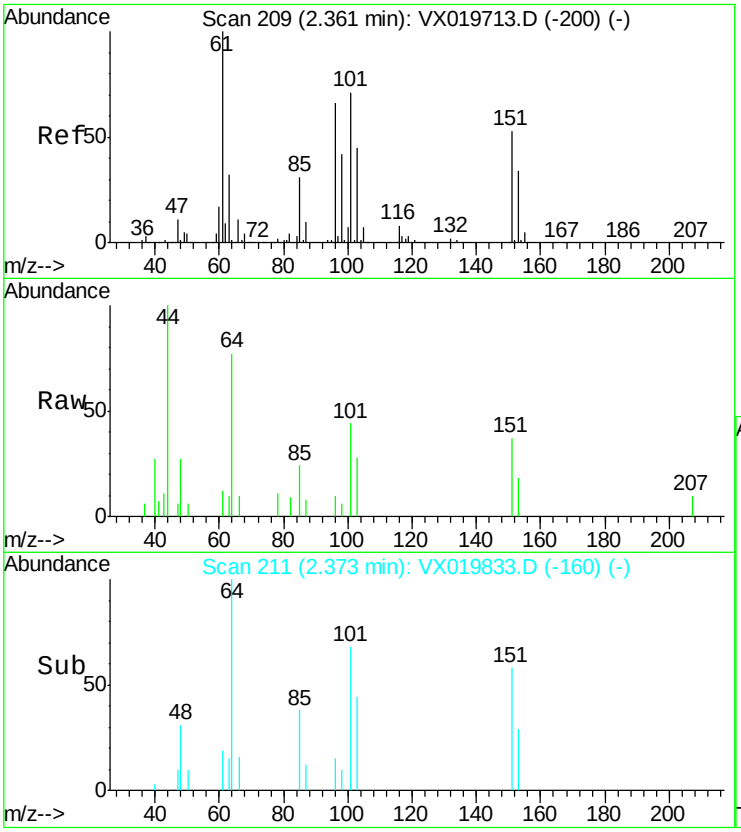




#5
Bromomethane
Concen: 0.499 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

Tgt Ion: 94 Resp: 589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 85.8 | 76.4 | 114.6 |



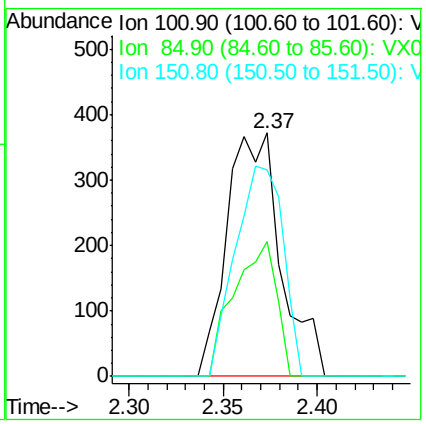


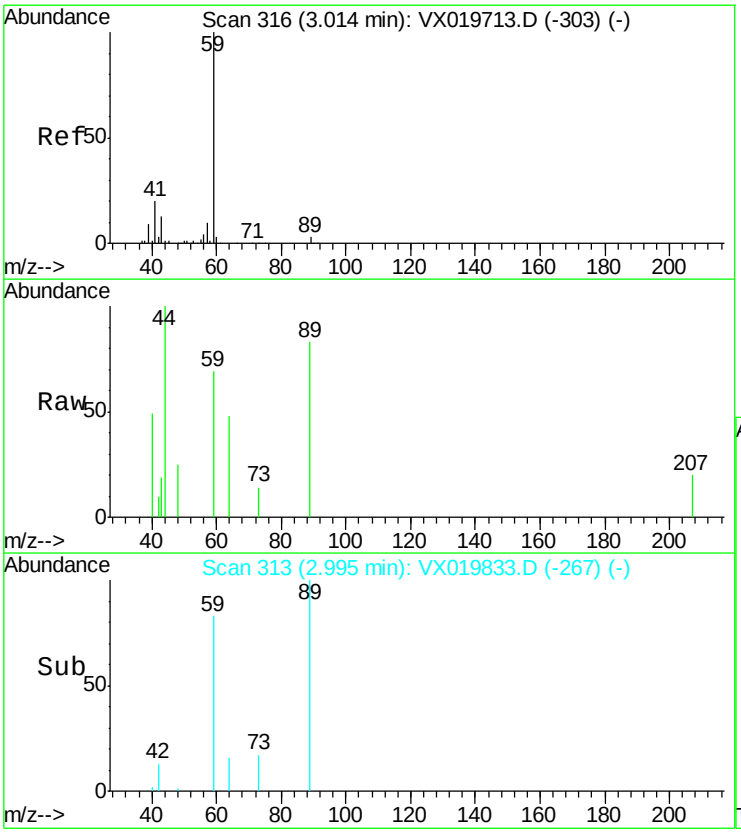

#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.260 ug/l
RT: 2.37 min Scan# 211
Delta R.T. 0.01 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE126D1-20201208

Tgt Ion:101 Resp: 738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.5 | 34.9 | 52.3 |
| 151 | 76.7 | 61.4 | 92.2 |

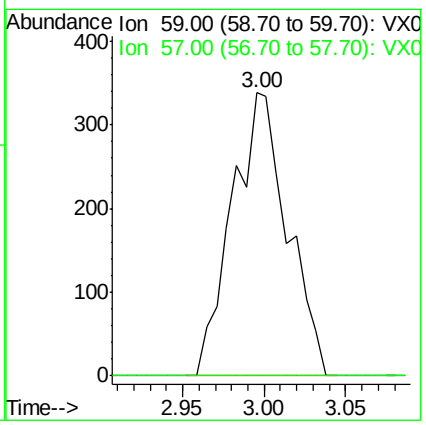


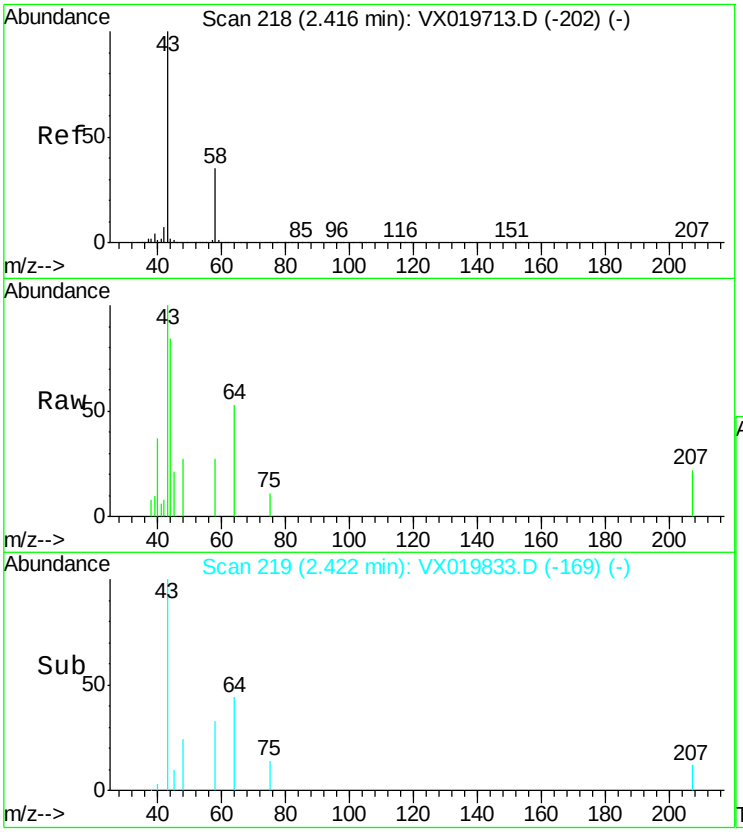




#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

Tgt Ion: 59 Resp: 798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 7.8 | 11.8# |



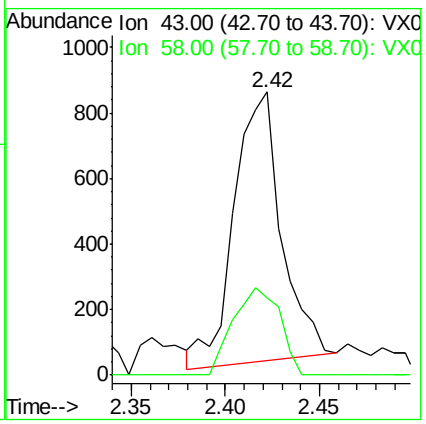


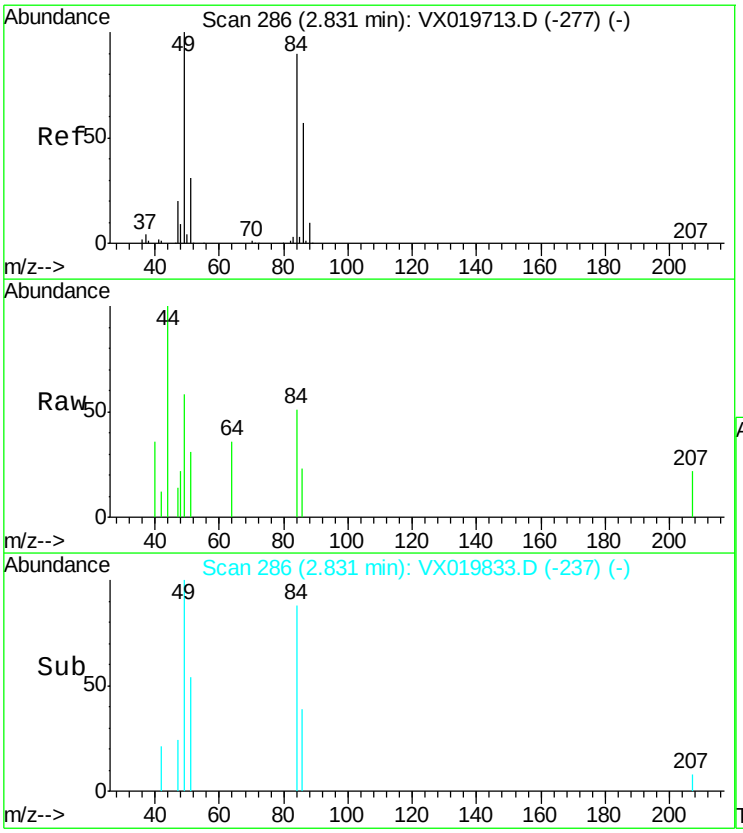

#16
Acetone
Concen: 0.928 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

**Instrument :** MSVOA_X
**ClientSampleId :** RE126D1-20201208

Tgt Ion: 43 Resp: 1435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.6 | 27.8 | 41.8 |

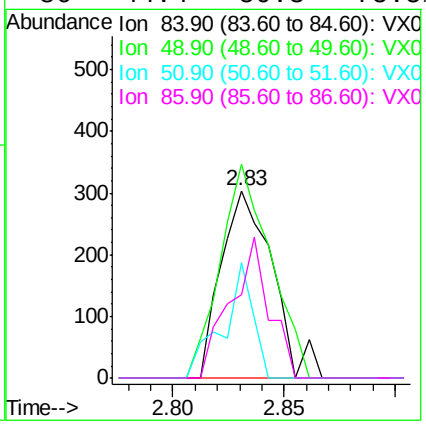


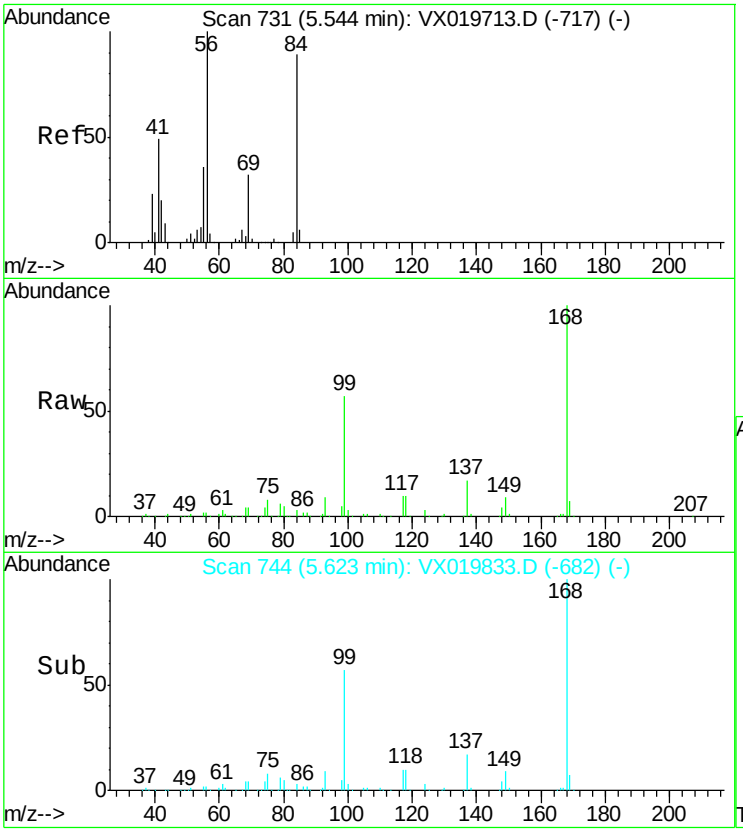




#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

Tgt Ion: 84 Resp: 486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 113.8 | 88.6 | 132.8 |
| 51 | 61.5 | 27.0 | 40.6# |
| 86 | 44.4 | 50.3 | 75.5# |



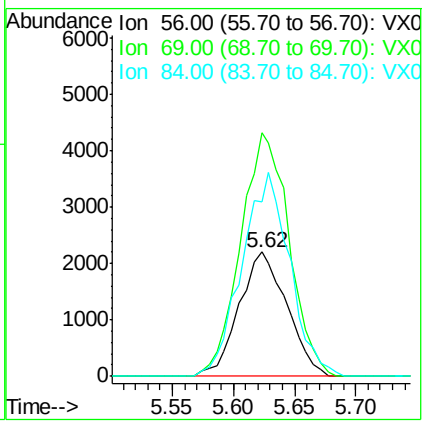


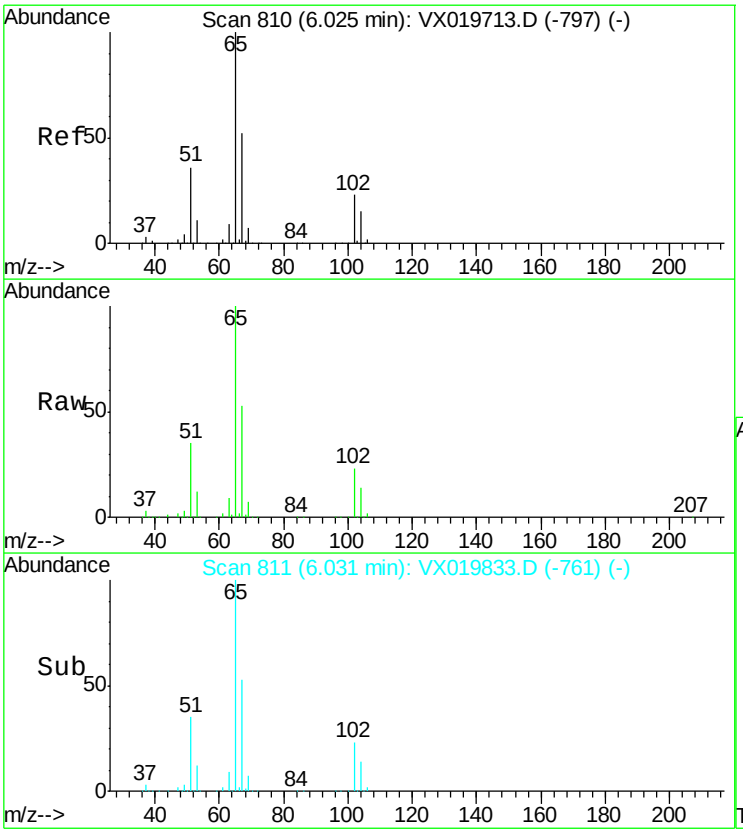

#31
Cyclohexane
Concen: 1.171 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE126D1-20201208

Tgt Ion: 56 Resp: 5996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 196.4 | 25.3 | 37.9# |
| 84 | 140.6 | 71.4 | 107.0# |

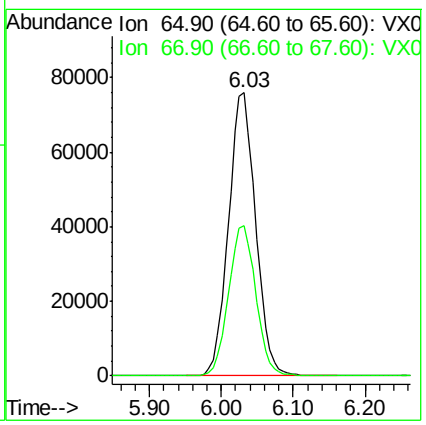


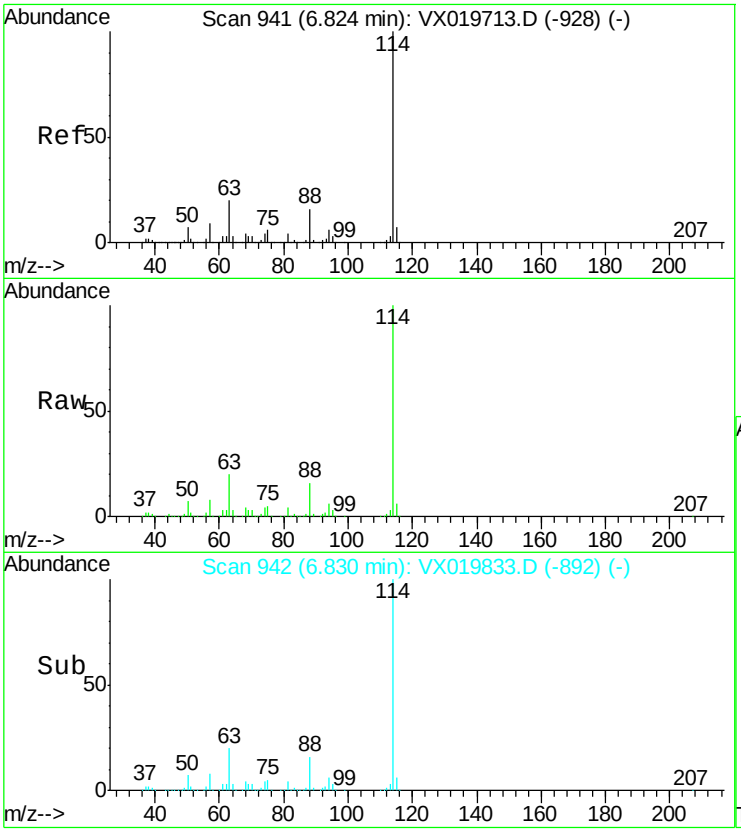




#33
1,2-Dichloroethane-d4
Concen: 48.374 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

Tgt Ion: 65 Resp: 199111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.2 | 0.0 | 105.4 |



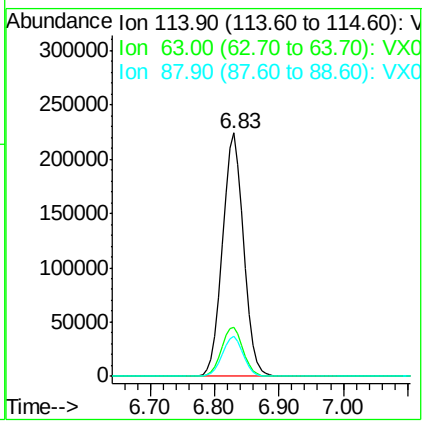


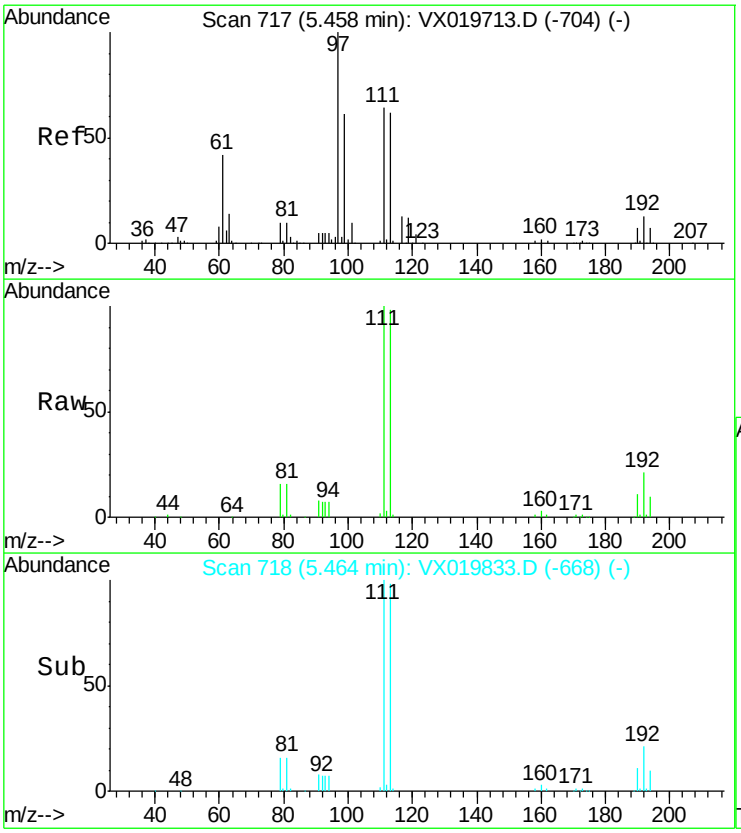

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE126D1-20201208

Tgt Ion:114 Resp: 519770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.2 | 0.0 | 40.8 |
| 88 | 16.4 | 0.0 | 32.8 |

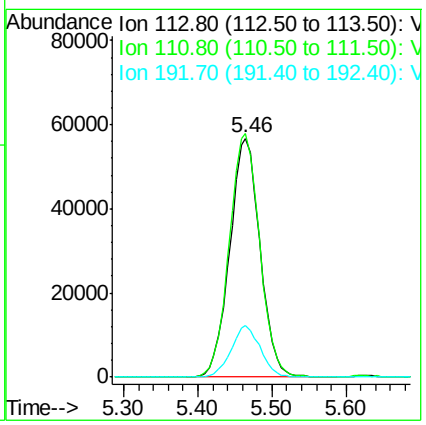


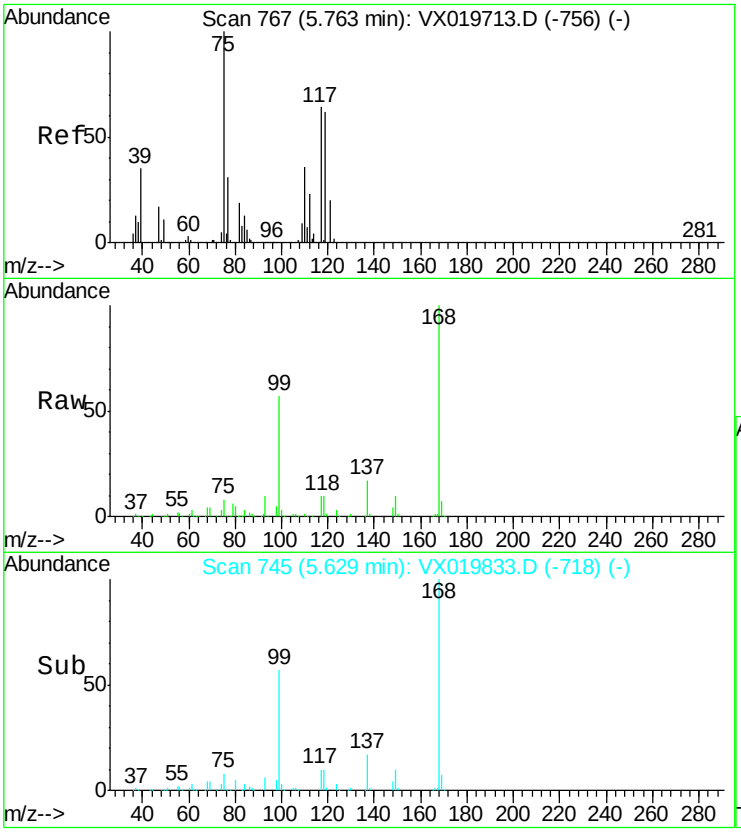




#35
Dibromofluoromethane
Concen: 48.060 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

Tgt Ion:113 Resp: 161443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.4 | 81.9 | 122.9 |
| 192 | 20.8 | 16.7 | 25.1 |



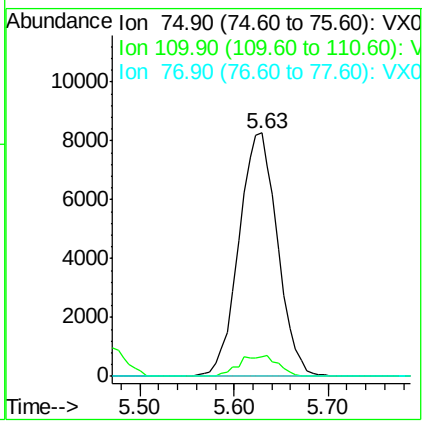


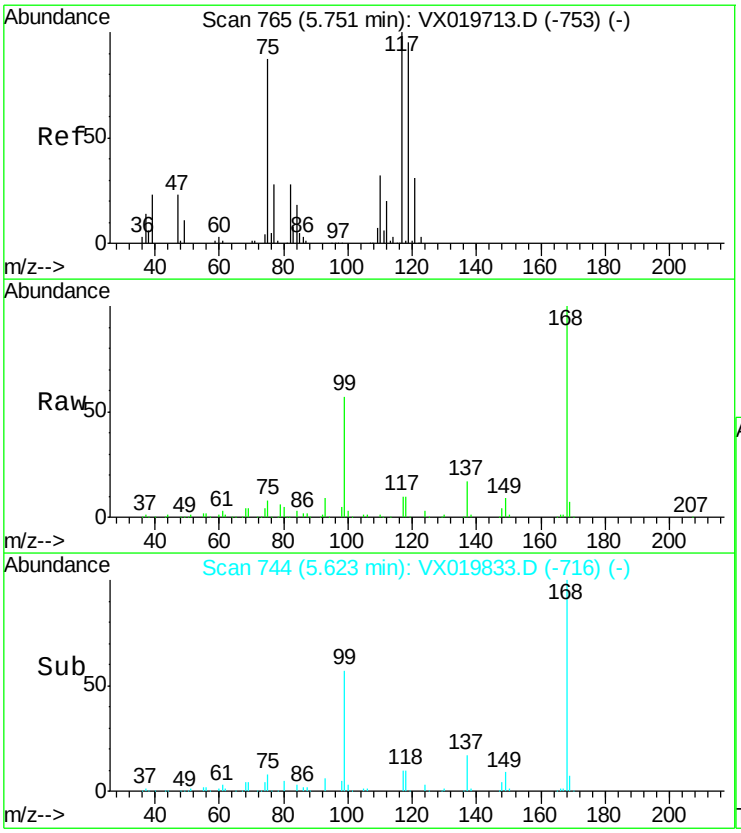

#36
1,1-Dichloropropene
Concen: 5.046 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE126D1-20201208

Tgt Ion: 75 Resp: 23698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 8.7 | 18.1 | 54.4# |
| 77 | 0.0 | 25.3 | 37.9# |

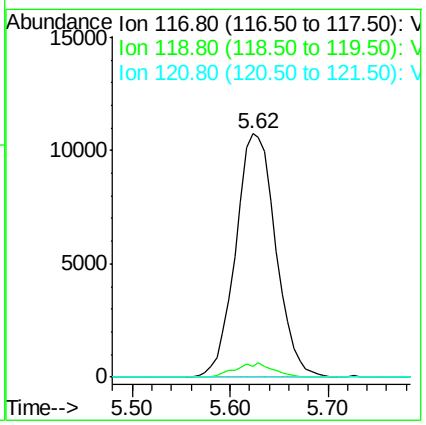


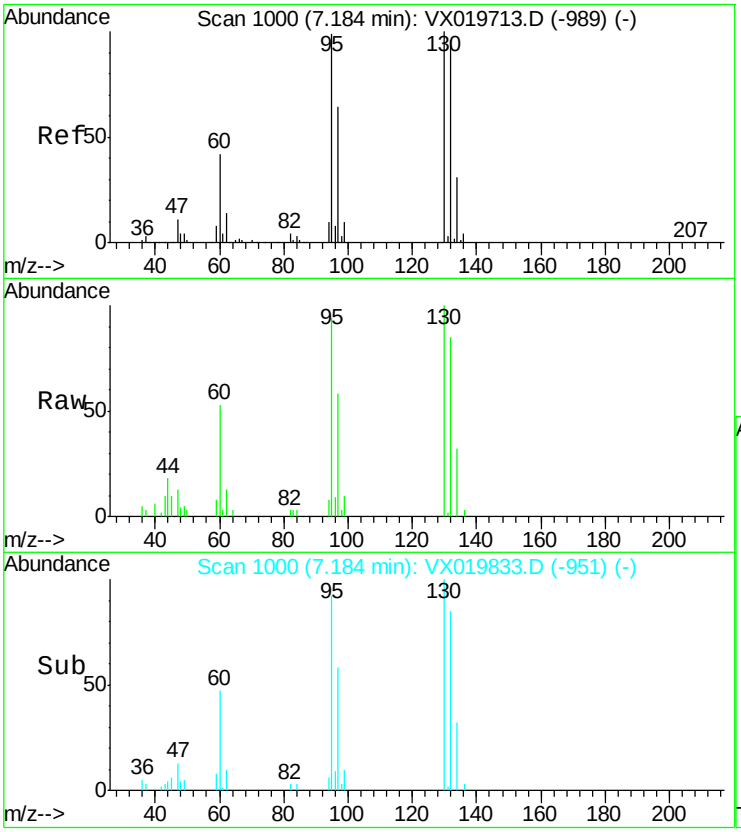




#38
Carbon Tetrachloride
Concen: 6.650 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

Tgt Ion:117 Resp: 30585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.4 | 76.2 | 114.2# |
| 121 | 0.0 | 24.8 | 37.2# |



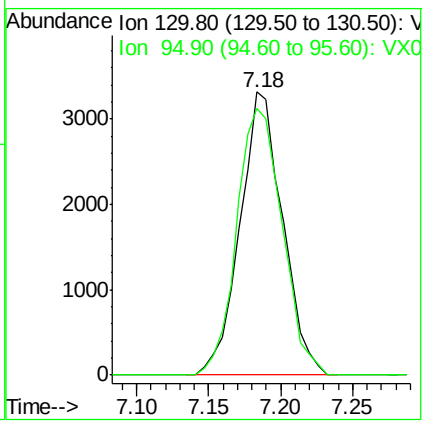


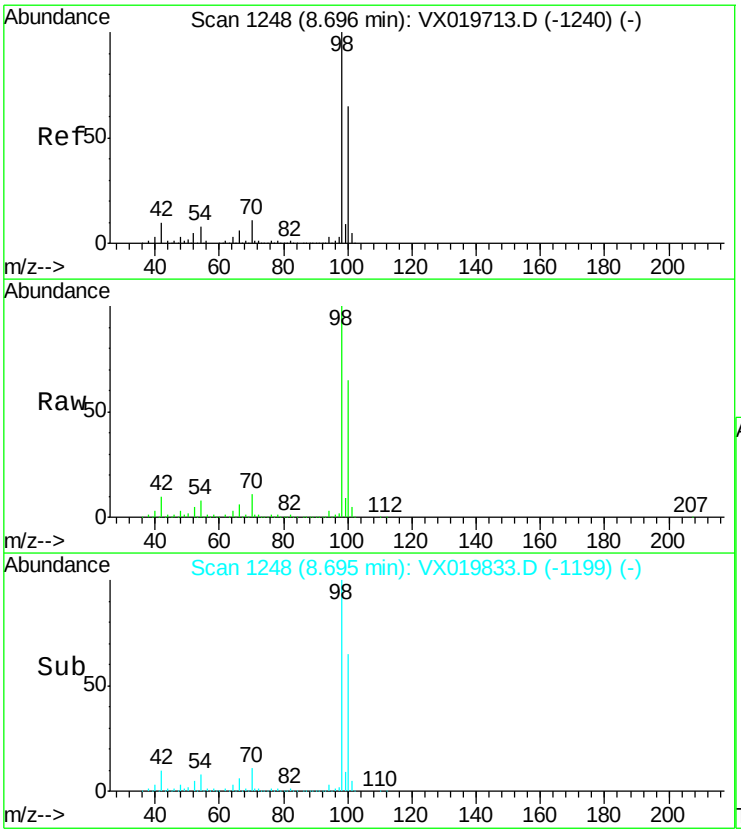

#44
Trichloroethene
Concen: 1.800 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE126D1-20201208

Tgt Ion:130 Resp: 6776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 94.2 | 0.0 | 198.0 |

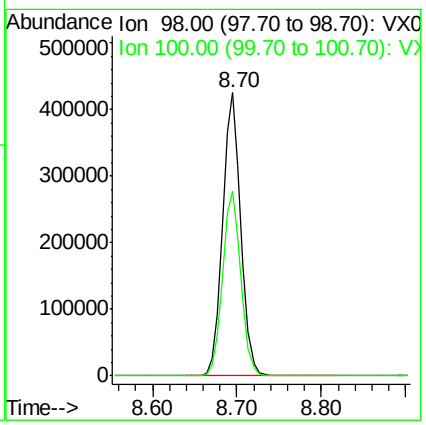


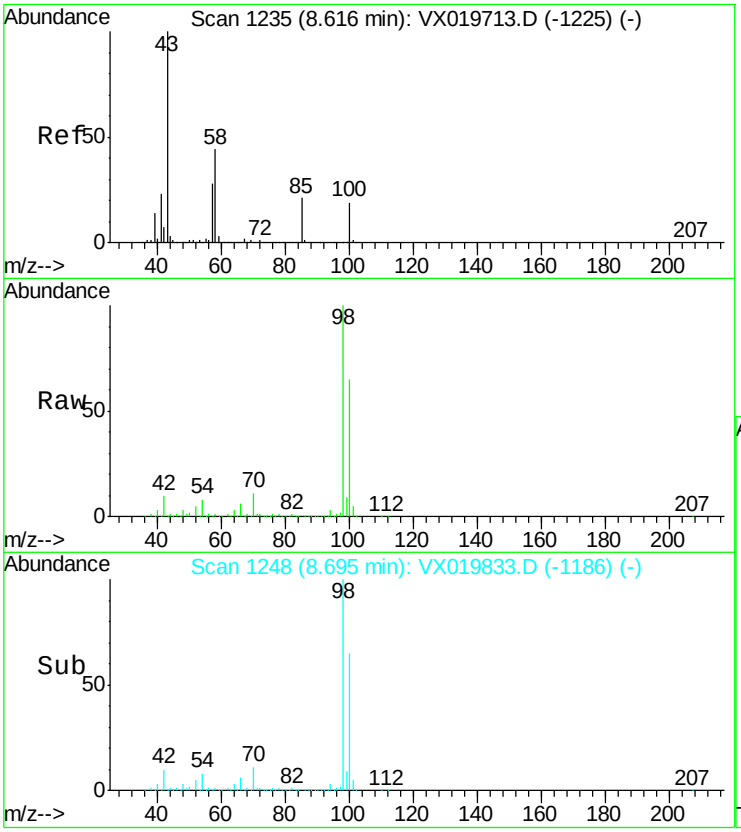




#50
Toluene-d8
Concen: 48.968 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

Tgt Ion: 98 Resp: 627995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.9 | 51.9 | 77.9 |



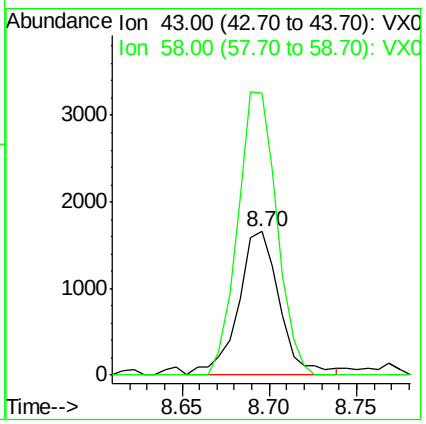


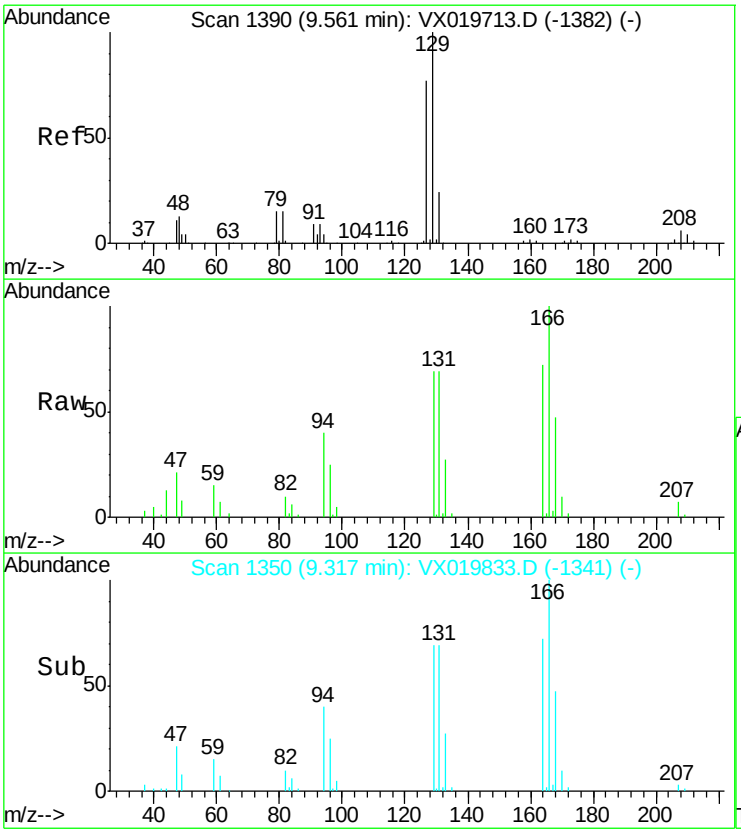

#51
4-Methyl-2-Pentanone
Concen: 0.580 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.08 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE126D1-20201208

Tgt Ion: 43 Resp: 2728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 185.4 | 35.4 | 53.0# |

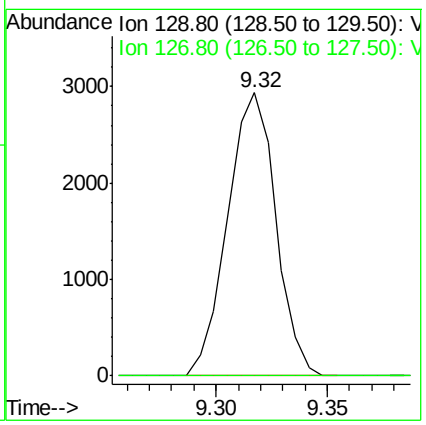


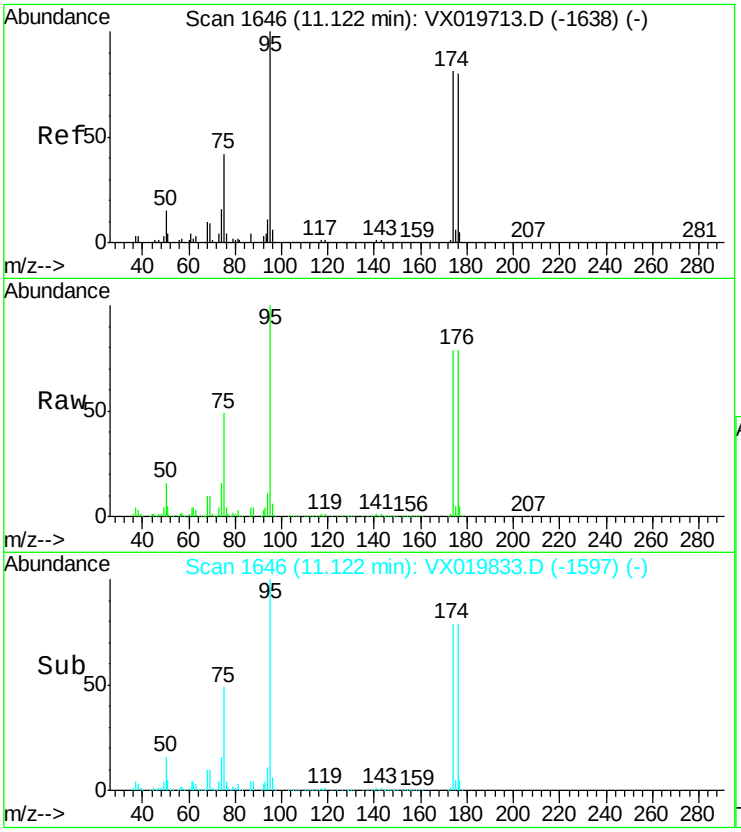




#60
Dibromochloromethane
Concen: 1.204 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.24 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

Tgt Ion:129 Resp: 4424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 38.4 | 115.2# |



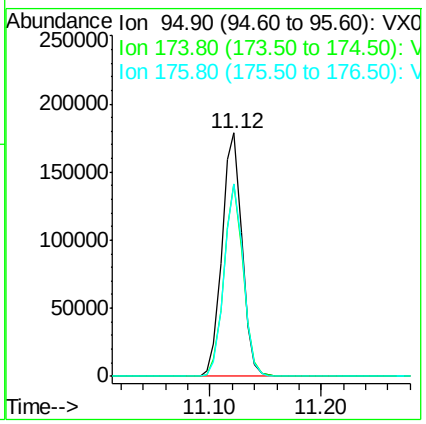


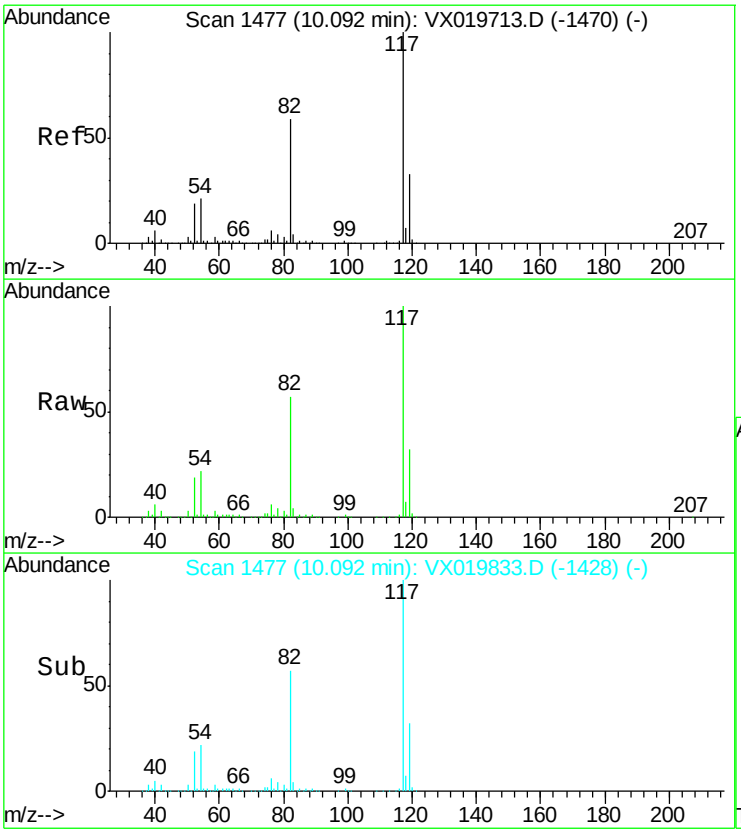

#62
4-Bromofluorobenzene
Concen: 45.255 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE126D1-20201208

Tgt Ion: 95 Resp: 220896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 76.7 | 0.0 | 154.6 |
| 176 | 76.5 | 0.0 | 155.8 |

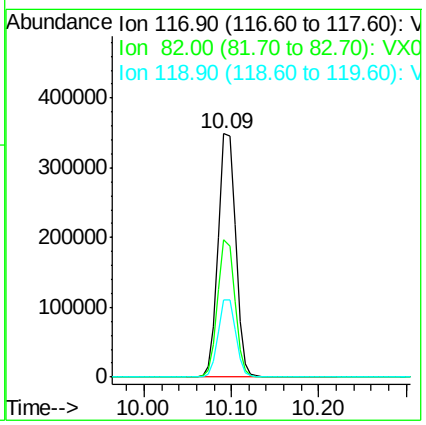


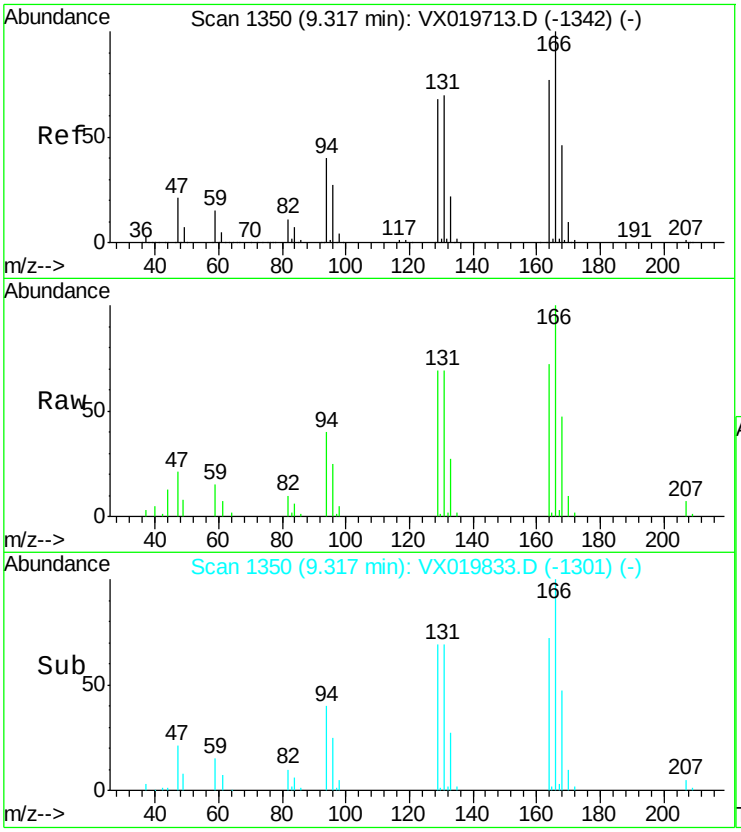




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

Tgt Ion:117 Resp: 481452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.6 | 47.4 | 71.2 |
| 119 | 31.8 | 26.6 | 39.8 |



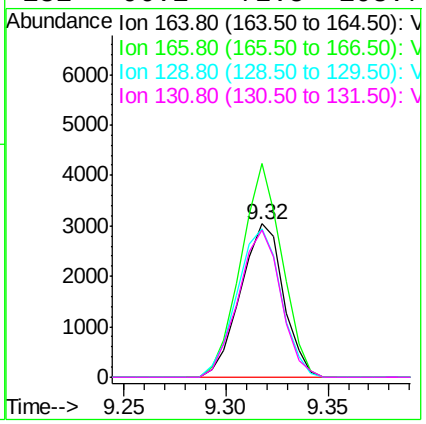


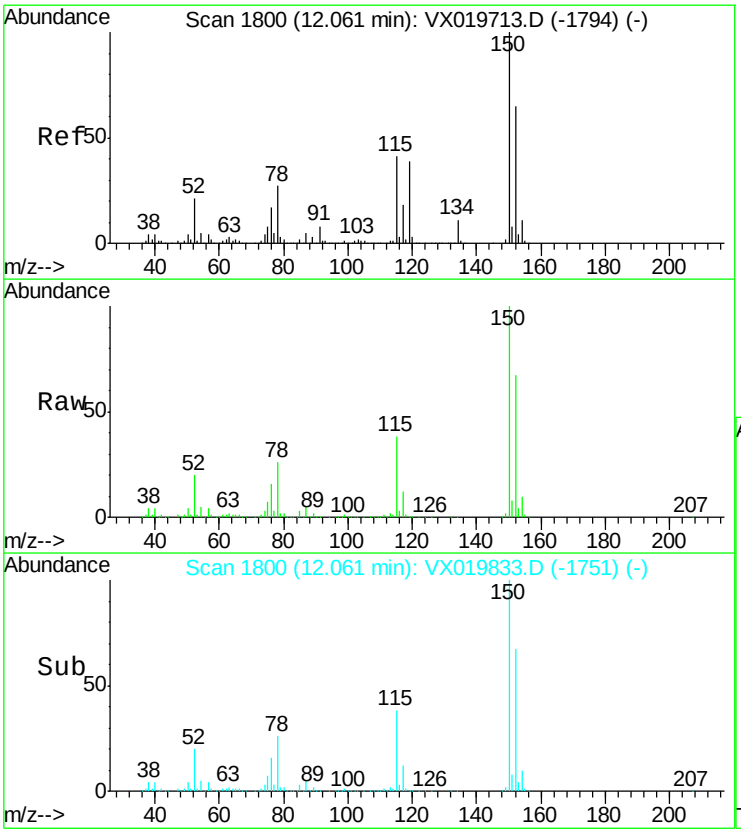

#64
Tetrachloroethene
Concen: 1.384 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE126D1-20201208

Tgt Ion:164 Resp: 4468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 139.4 | 103.4 | 155.2 |
| 129 | 96.6 | 70.8 | 106.2 |
| 131 | 96.1 | 72.5 | 108.7 |

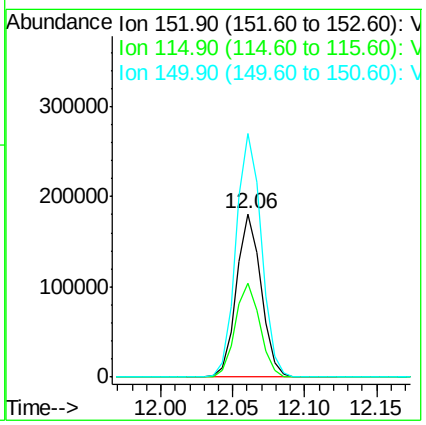


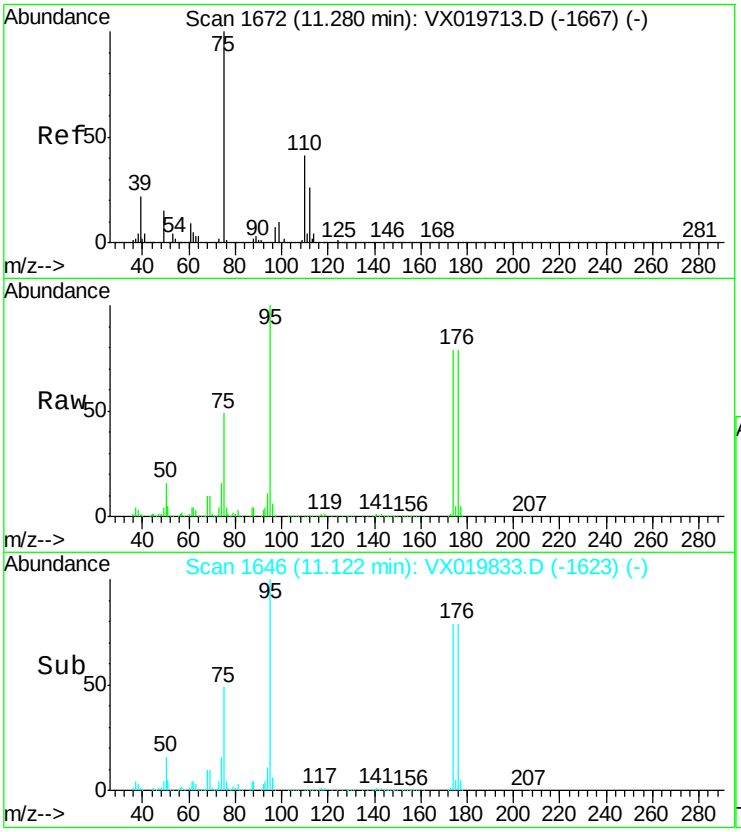




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

Tgt Ion:152 Resp: 215085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 57.9 | 41.1 | 123.3 |
| 150 | 153.8 | 0.0 | 349.0 |



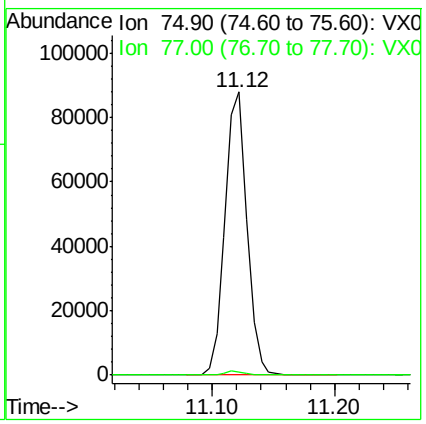


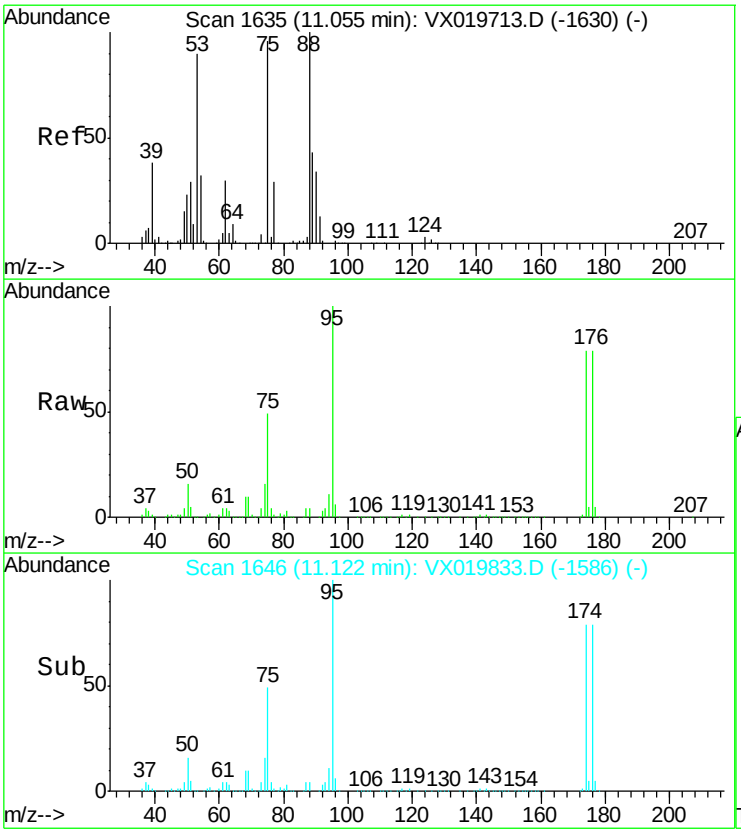

#76
1,2,3-Trichloropropane
Concen: 22.539 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

**Instrument :**
MSVOA_X
**ClientSampleId :**
RE126D1-20201208

Tgt Ion: 75 Resp: 108728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.4 | 19.1 | 57.5# |




#81
trans-1,4-Dichloro-2-butene
Concen: 65.156 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019833.D
Acq: 10 Dec 2020 18:13

Tgt Ion: 75 Resp: 108728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.1 | 74.5 | 111.7# |
| 89 | 0.0 | 37.9 | 56.9# |