Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD022820\
Data File : VD065356.D
Acq On : 28 Feb 2020 13:56
Operator : VA/SY
Sample : L1740-02
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** GP-07-022720

Quant Time: Feb 28 15:35:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration

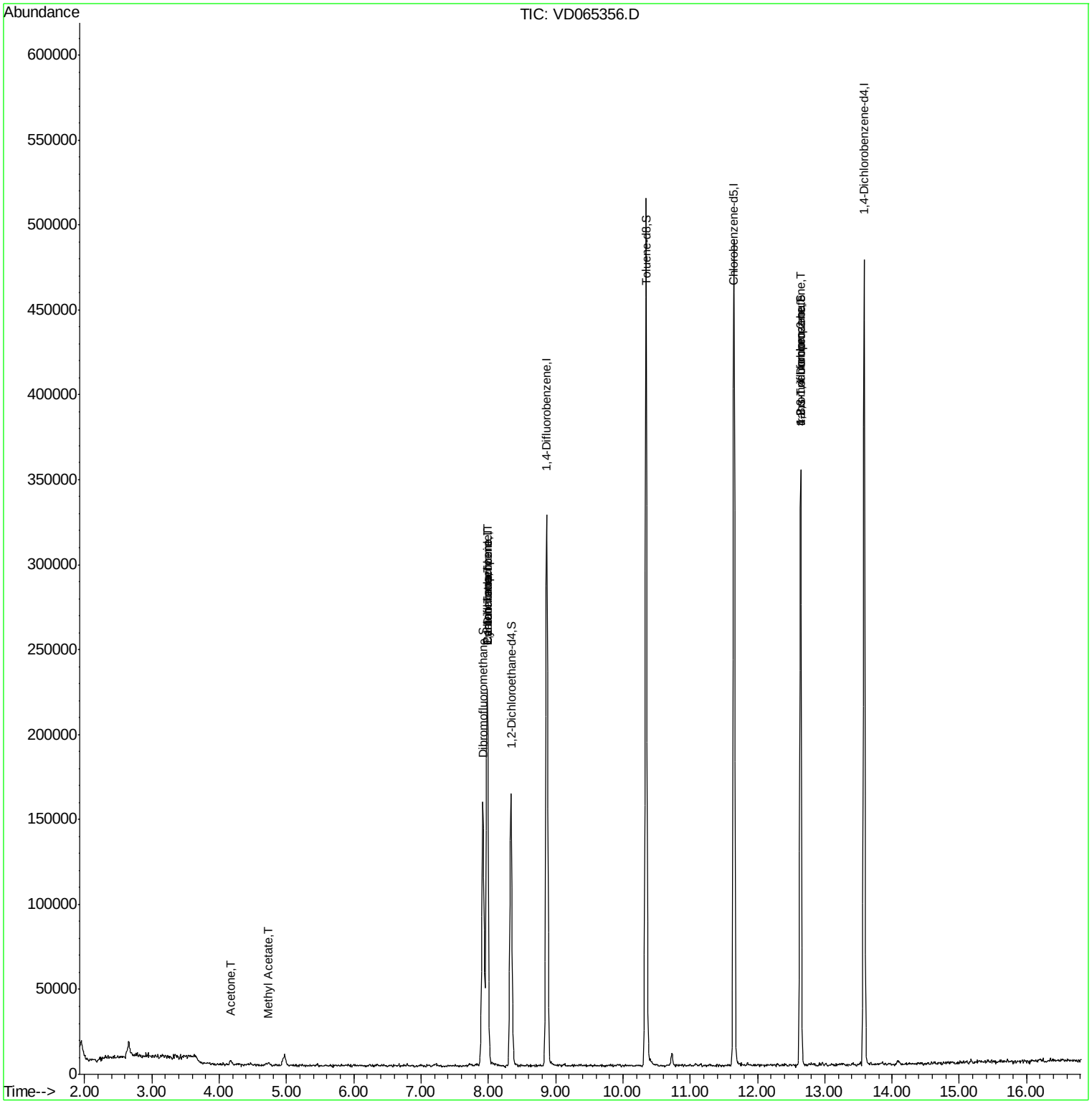
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.98 | 168 | 173806 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.87 | 114 | 286318 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.65 | 117 | 290031 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152 | 133472 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.34 | 65 | 128326 | 82.07 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 164.14% | | |
| 35) Dibromofluoromethane | 7.92 | 113 | 110484 | 63.29 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 126.58% | | |
| 50) Toluene-d8 | 10.34 | 98 | 354882 | 53.17 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 106.34% | | |
| 62) 4-Bromofluorobenzene | 12.64 | 95 | 113299 | 53.59 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 107.18% | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 4.17 | 43 | 4108 | 10.75 | ug/l | 89 |
| 18) Methyl Acetate | 4.73 | 43 | 1942 | 2.26 | ug/l # | 67 |
| 20) Methylene Chloride | 4.97 | 84 | 5271 | Below Cal | # | 80 |
| 31) Cyclohexane | 7.98 | 56 | 3738 | 1.22 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 7.98 | 75 | 12462 | 4.47 | ug/l # | 48 |
| 38) Carbon Tetrachloride | 7.98 | 117 | 16718 | 5.89 | ug/l # | 19 |
| 76) 1,2,3-Trichloropropane | 12.64 | 75 | 54613 | 48.09 | ug/l # | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.64 | 75 | 54613 | 103.84 | ug/l # | 11 |

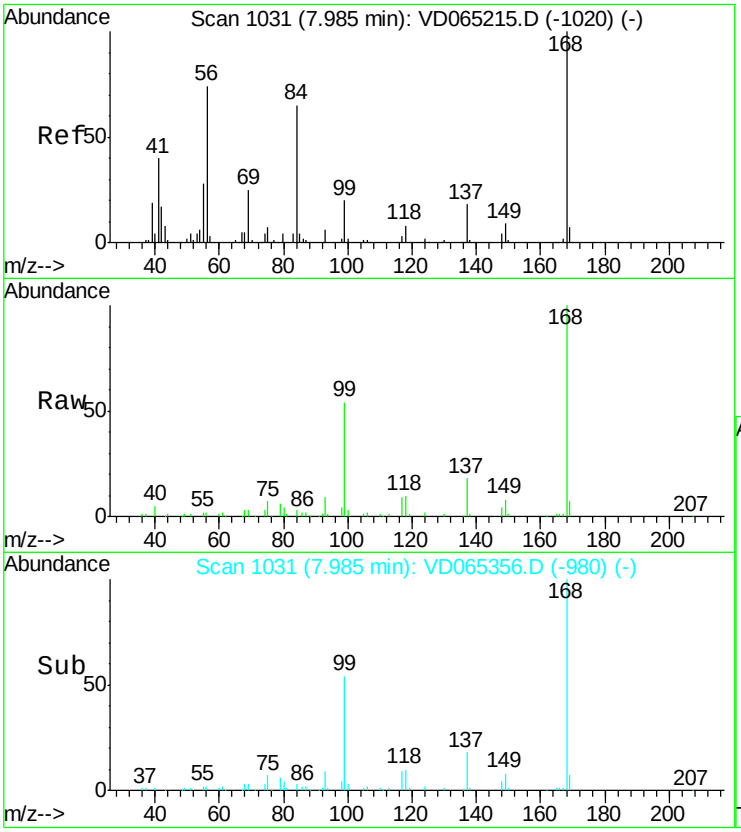
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD022820\
Data File : VD065356.D
Acq On : 28 Feb 2020 13:56
Operator : VA/SY
Sample : L1740-02
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
GP-07-022720

Quant Time: Feb 28 15:35:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration



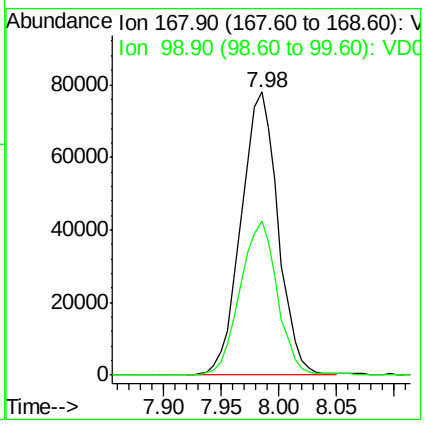


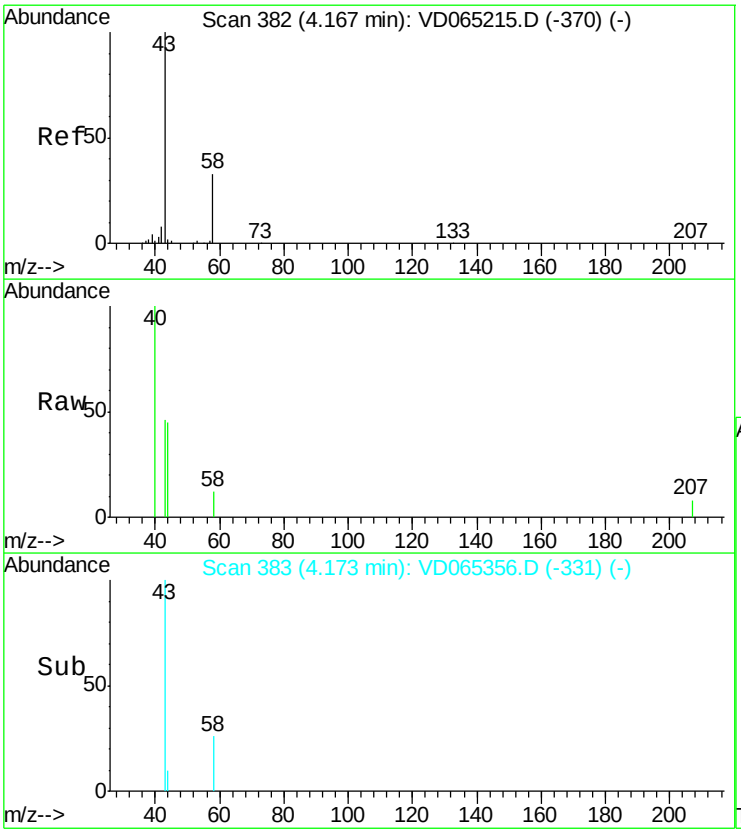

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065356.D
Acq: 28 Feb 2020 13:56

**Instrument :** MSVOA_D
**ClientSampleId :** GP-07-022720

Tgt Ion:168 Resp: 173806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 54.3 | 41.4 | 62.2 |

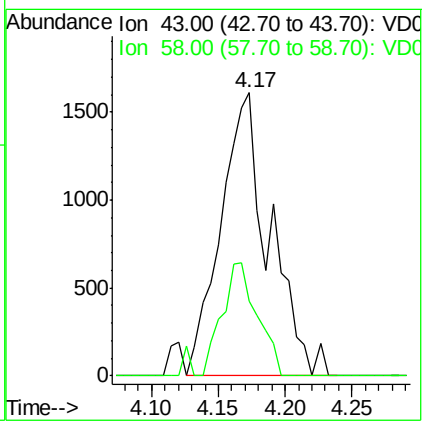


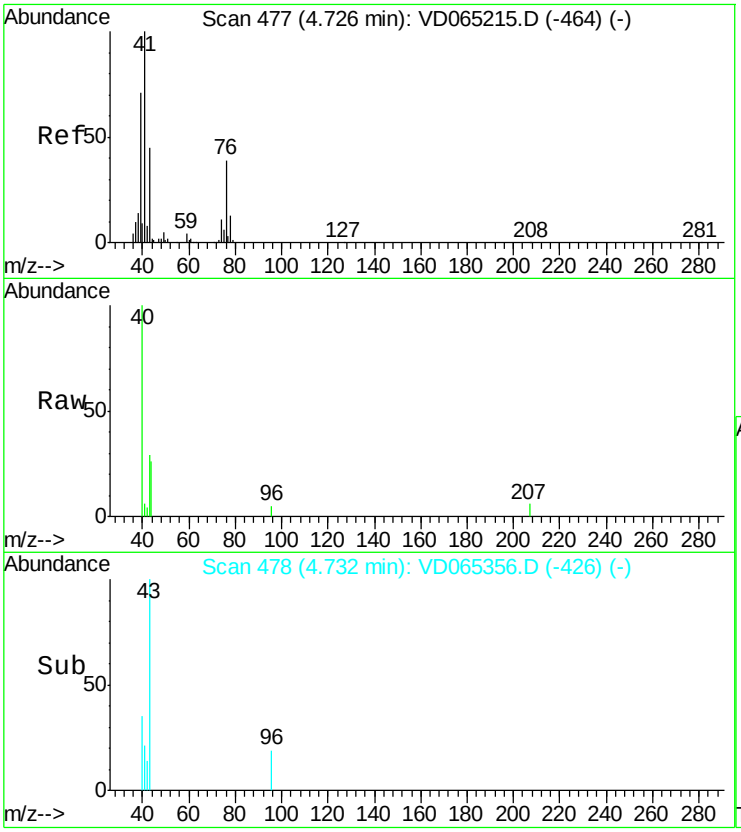




#16
Acetone
Concen: 10.75 ug/l
RT: 4.17 min Scan# 383
Delta R.T. 0.01 min
Lab File: VD065356.D
Acq: 28 Feb 2020 13:56

Tgt Ion: 43 Resp: 4108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.3 | 26.2 | 39.2 |



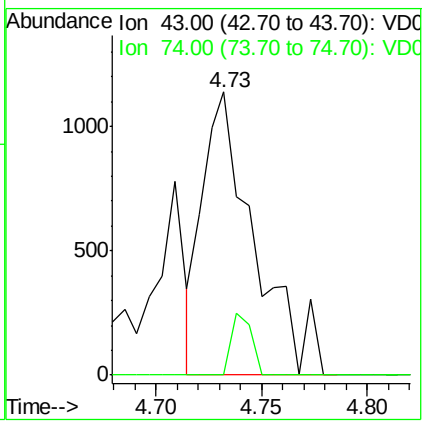


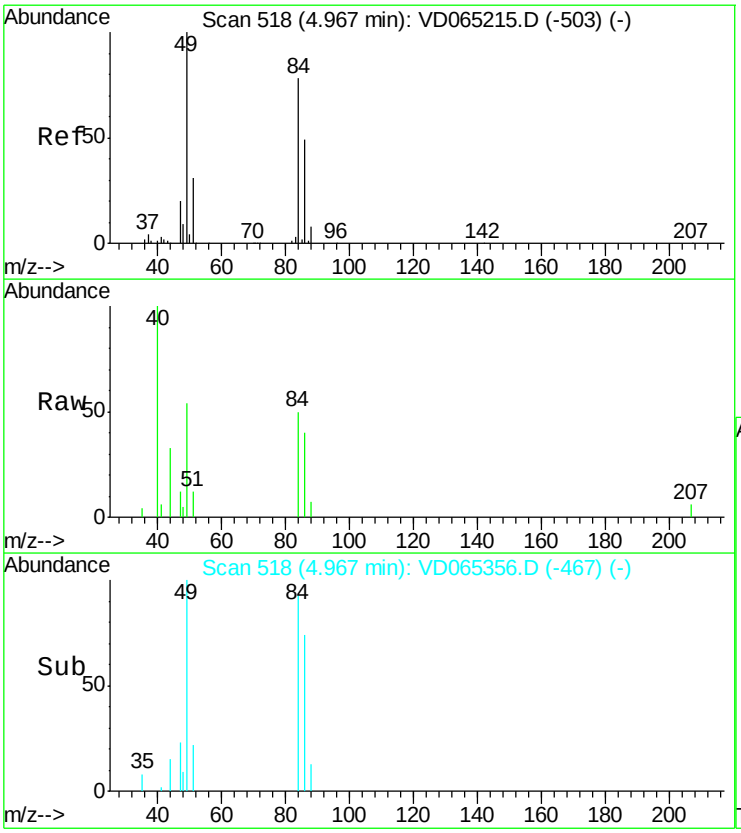

#18
Methyl Acetate
Concen: 2.26 ug/l
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VD065356.D
Acq: 28 Feb 2020 13:56

**Instrument :** MSVOA_D
**ClientSampleId :** GP-07-022720

Tgt Ion: 43 Resp: 1942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 8.1 | 19.4 | 29.2# |

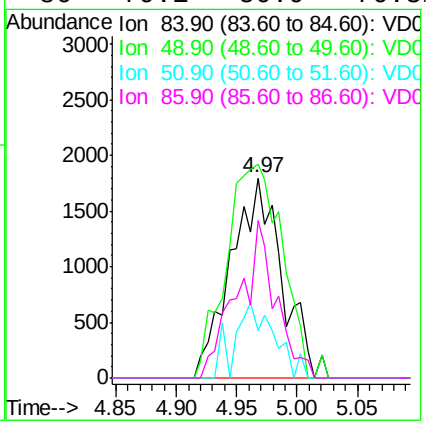


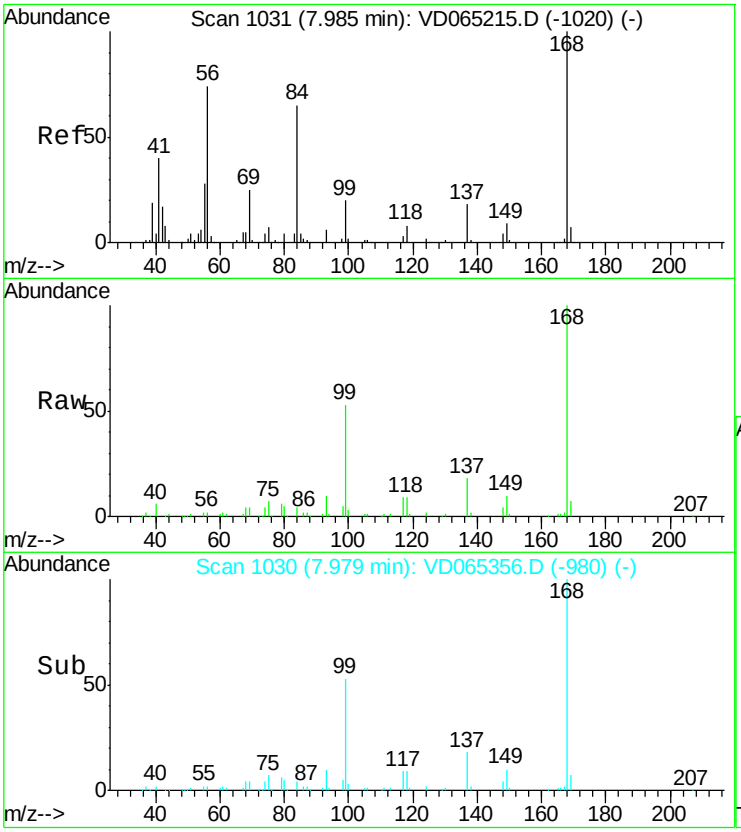




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065356.D
Acq: 28 Feb 2020 13:56

Tgt Ion: 84 Resp: 5271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 107.0 | 103.1 | 154.7 |
| 51 | 24.0 | 31.7 | 47.5# |
| 86 | 79.1 | 50.9 | 76.3# |



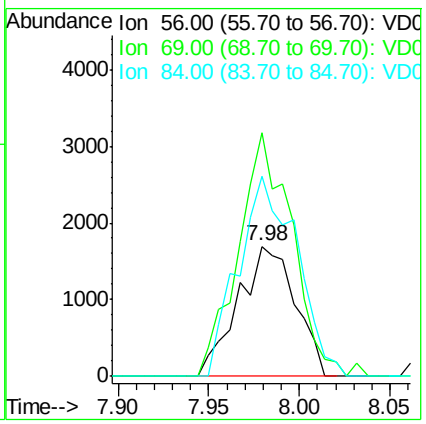


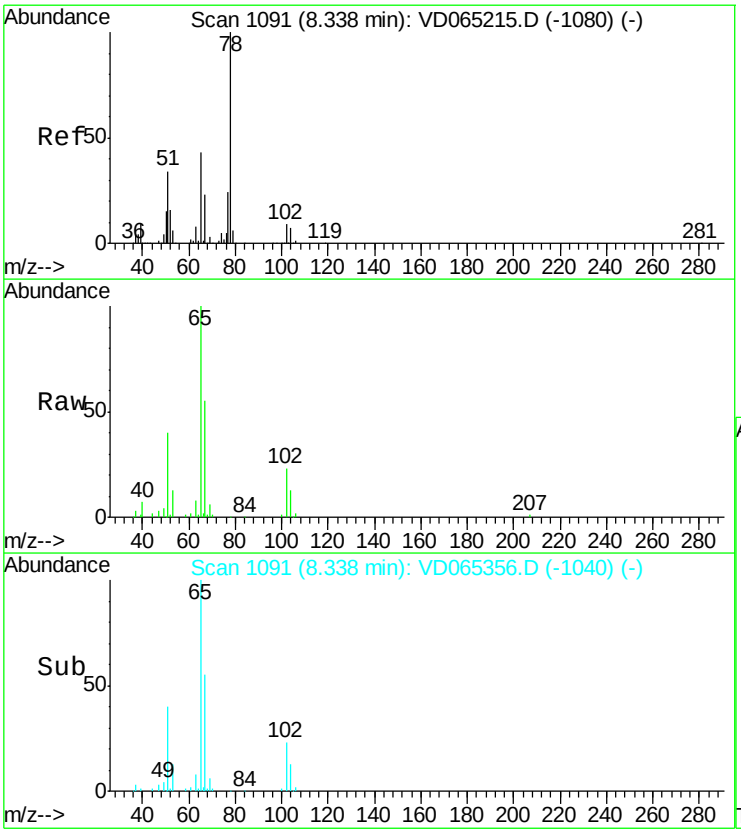

#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065356.D
Acq: 28 Feb 2020 13:56

**Instrument :** MSVOA_D
**ClientSampleId :** GP-07-022720

Tgt Ion: 56 Resp: 3738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 187.2 | 27.4 | 41.0# |
| 84 | 153.7 | 71.1 | 106.7# |

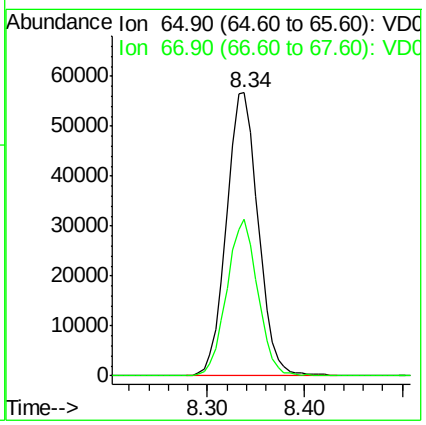


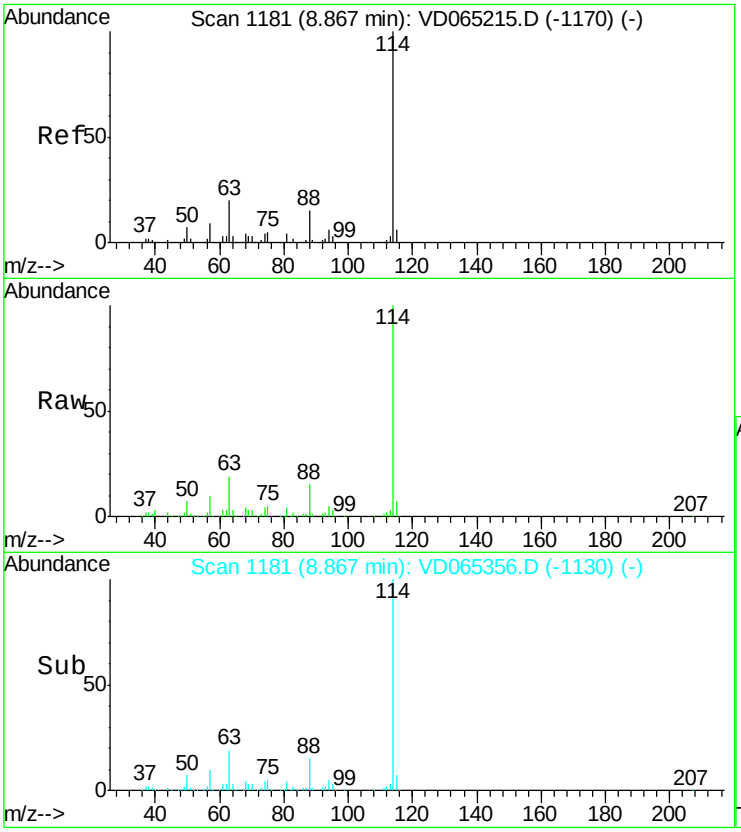




#33
1,2-Dichloroethane-d4
Concen: 82.07 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065356.D
Acq: 28 Feb 2020 13:56

Tgt Ion: 65 Resp: 128326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.7 | 0.0 | 106.8 |



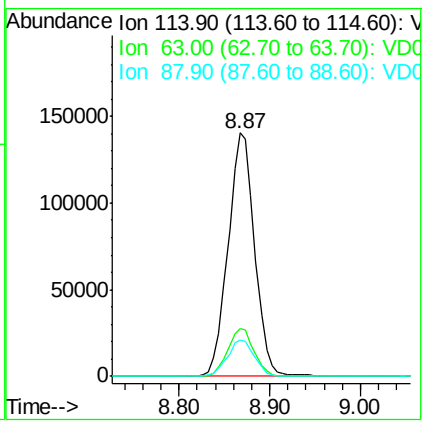


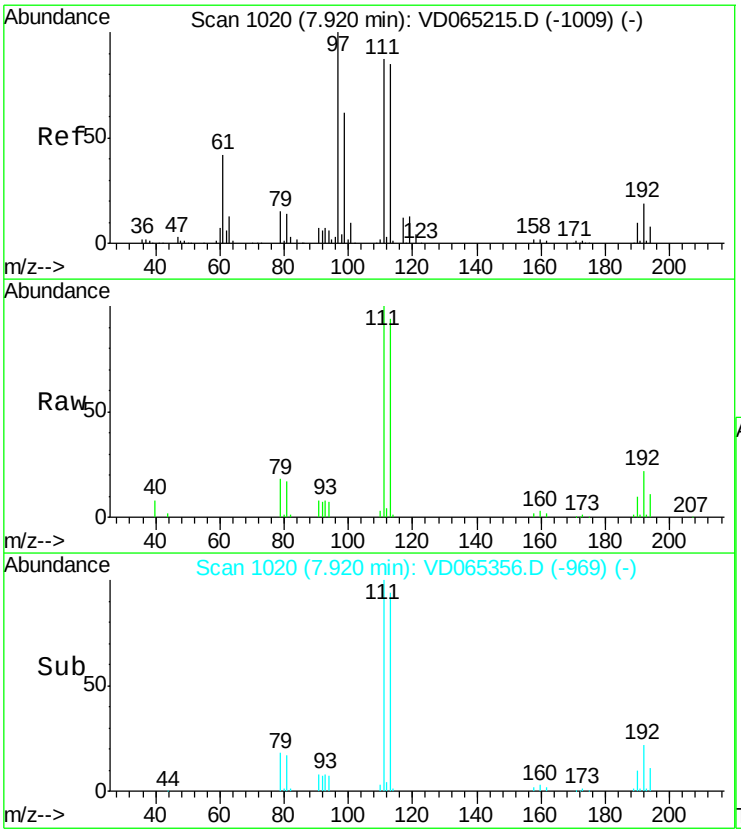

#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD065356.D
Acq: 28 Feb 2020 13:56

**Instrument :** MSVOA_D
**ClientSampleId :** GP-07-022720

Tgt Ion:114 Resp: 286318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.5 | 0.0 | 39.4 |
| 88 | 14.6 | 0.0 | 30.4 |

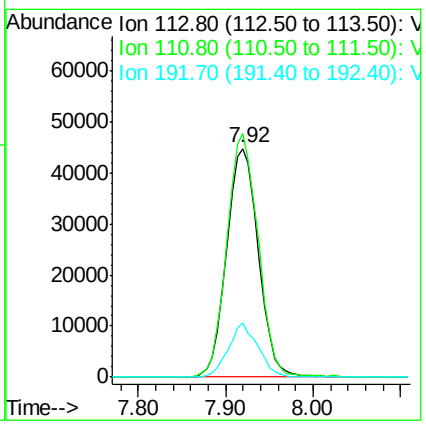


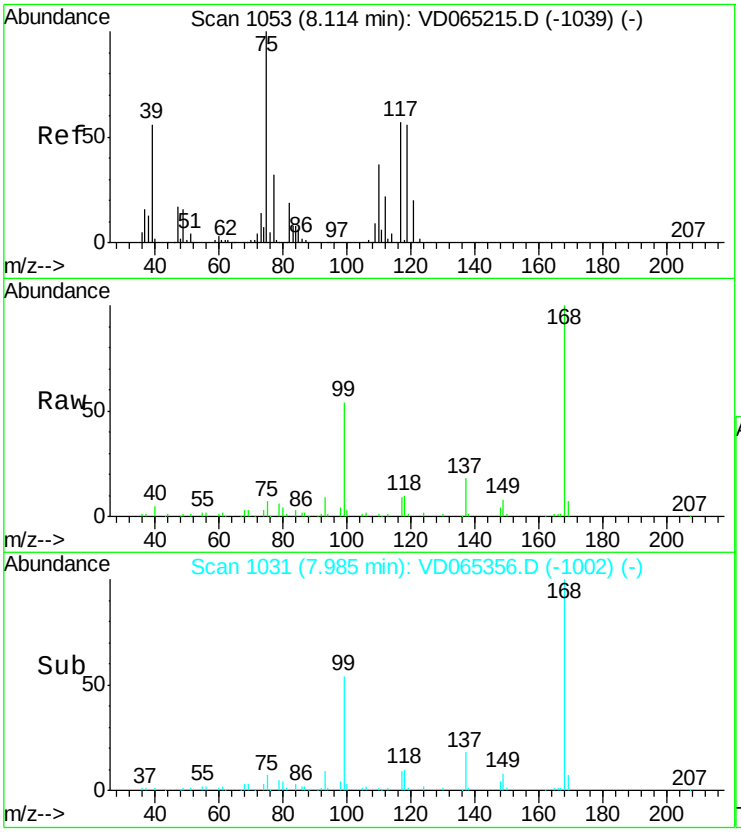




#35
Dibromofluoromethane
Concen: 63.29 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065356.D
Acq: 28 Feb 2020 13:56

Tgt Ion:113 Resp: 110484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.6 | 82.9 | 124.3 |
| 192 | 21.8 | 17.3 | 25.9 |



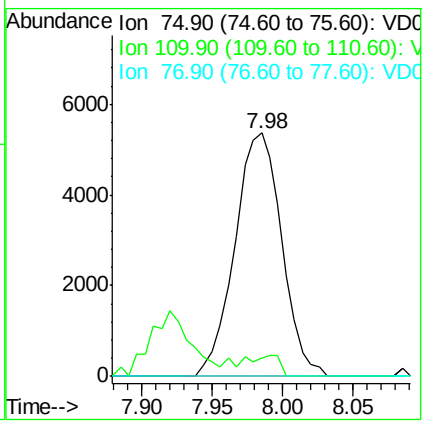


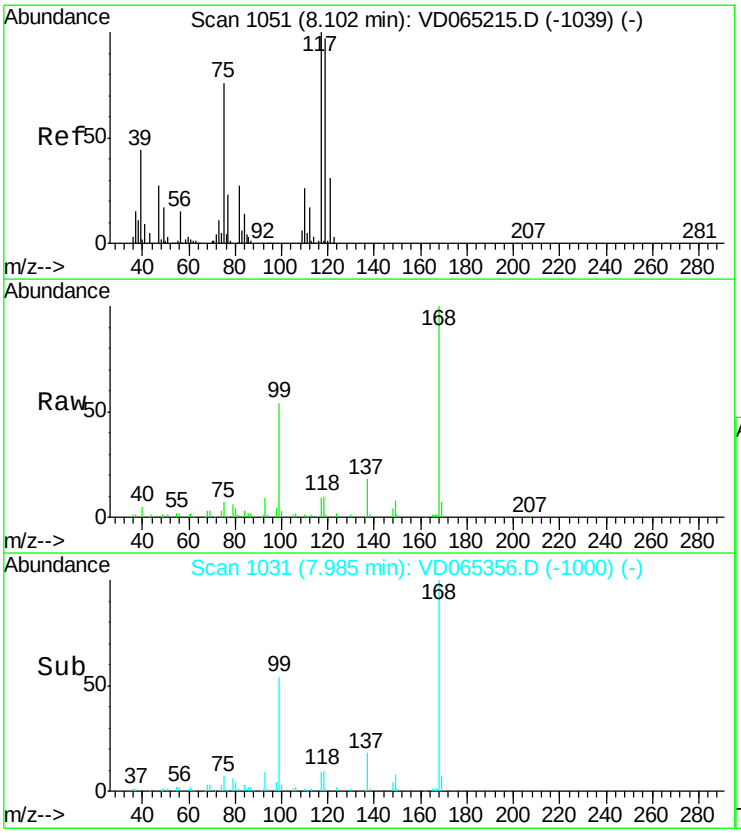

#36
1,1-Dichloropropene
Concen: 4.47 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.13 min
Lab File: VD065356.D
Acq: 28 Feb 2020 13:56

**Instrument :**
MSVOA_D
**ClientSampleId :**
GP-07-022720

Tgt Ion: 75 Resp: 12462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 7.7 | 17.9 | 53.7# |
| 77 | 0.0 | 25.1 | 37.7# |

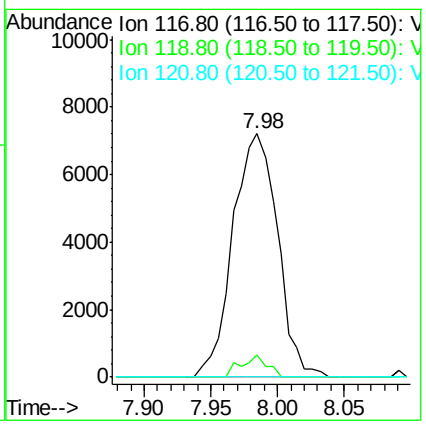


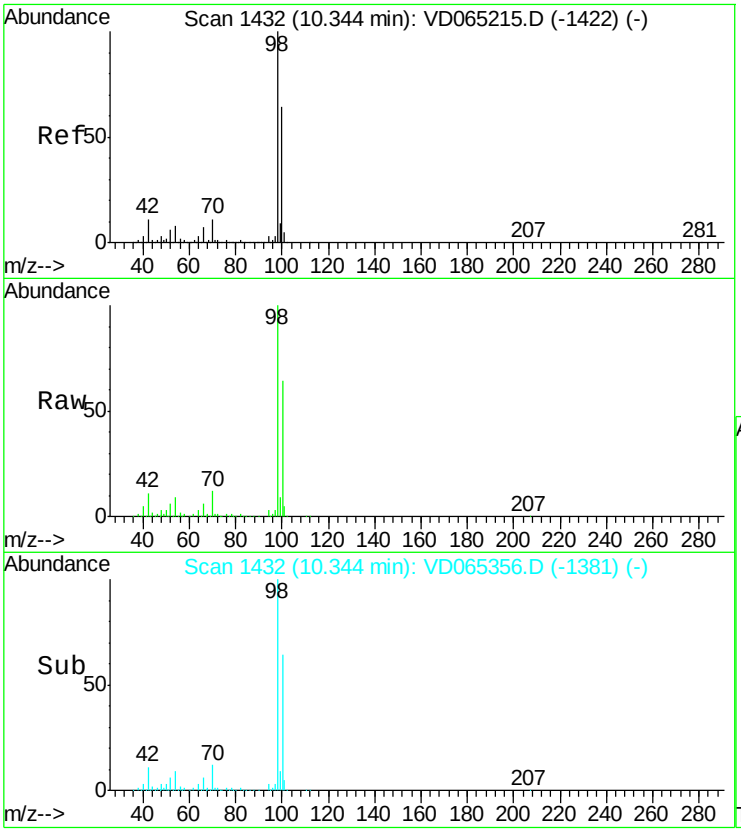




#38
Carbon Tetrachloride
Concen: 5.89 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD065356.D
Acq: 28 Feb 2020 13:56

Tgt Ion:117 Resp: 16718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 9.2 | 77.6 | 116.4# |
| 121 | 0.0 | 24.8 | 37.2# |



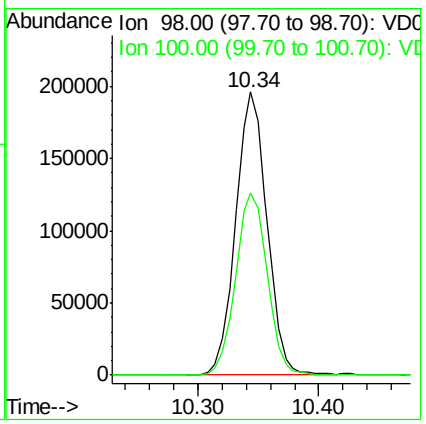


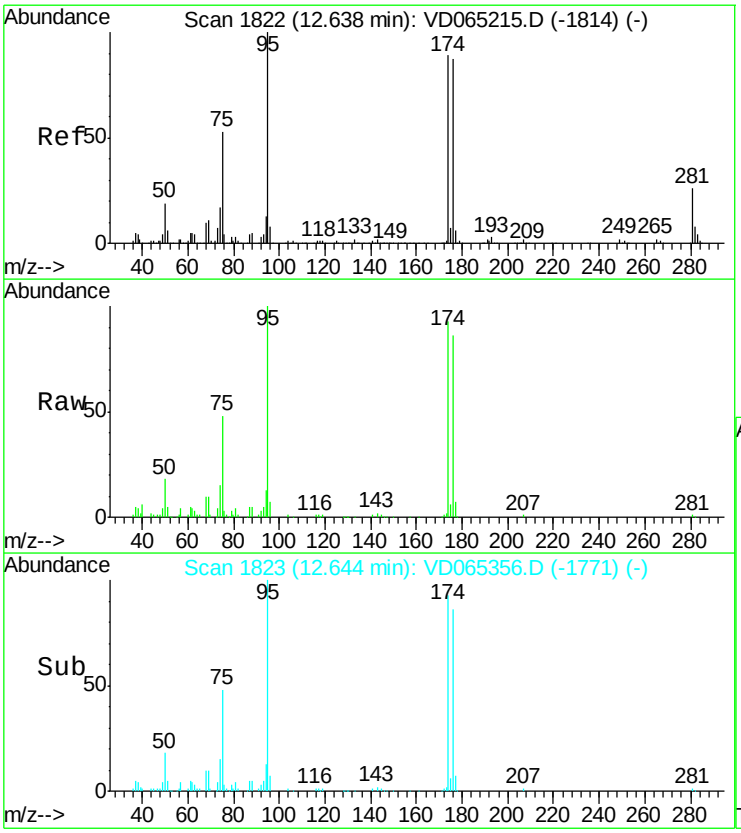

#50
Toluene-d8
Concen: 53.17 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065356.D
Acq: 28 Feb 2020 13:56

**Instrument :** MSVOA_D
**ClientSampleId :** GP-07-022720

Tgt Ion: 98 Resp: 354882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.3 | 52.0 | 78.0 |

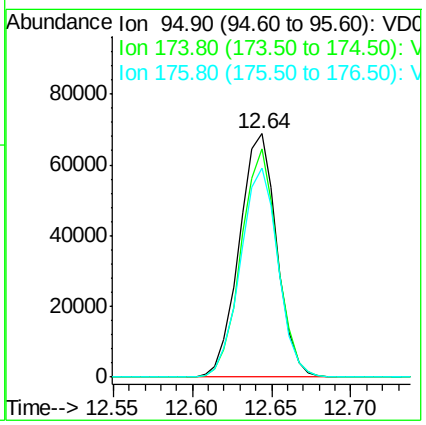


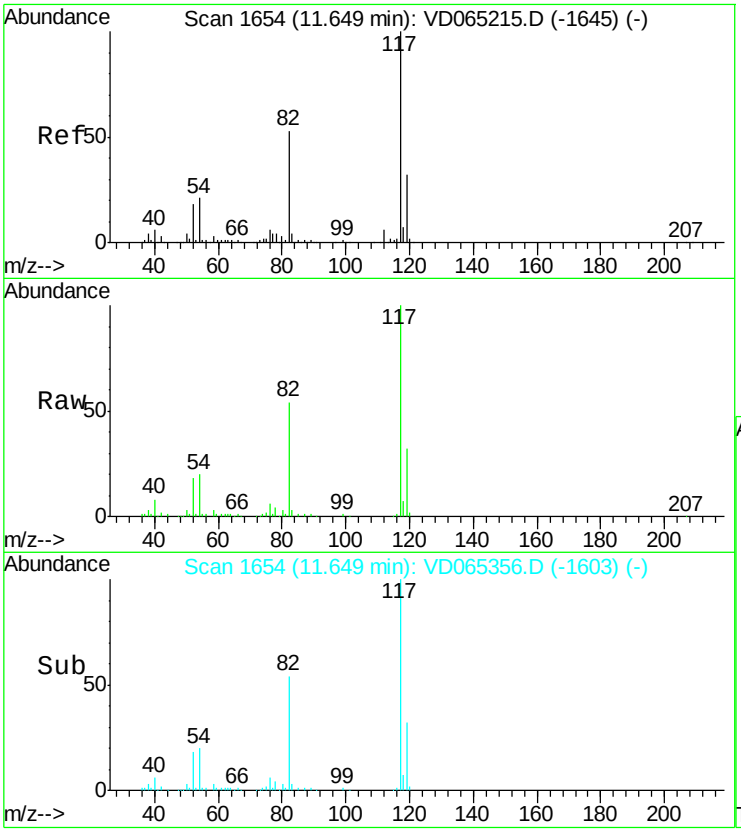




#62
4-Bromofluorobenzene
Concen: 53.59 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065356.D
Acq: 28 Feb 2020 13:56

Tgt Ion: 95 Resp: 113299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 90.7 | 0.0 | 178.0 |
| 176 | 86.0 | 0.0 | 174.4 |



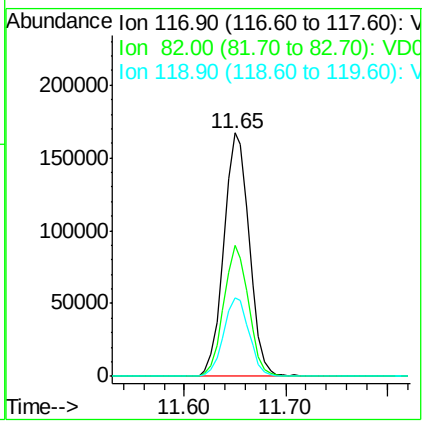


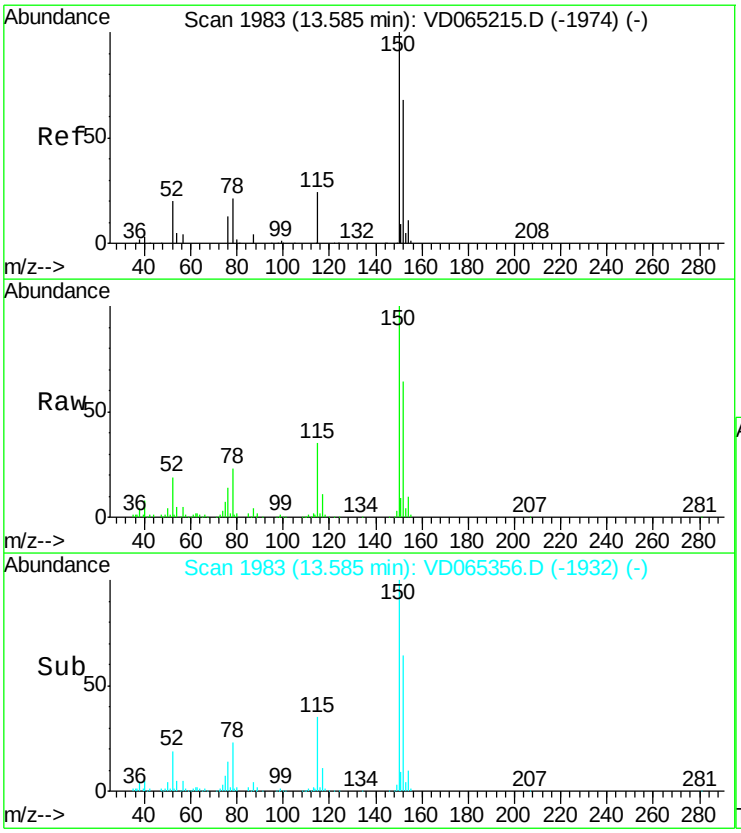

#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065356.D
Acq: 28 Feb 2020 13:56

**Instrument :** MSVOA_D
**ClientSampleId :** GP-07-022720

Tgt Ion:117 Resp: 290031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.7 | 42.7 | 64.1 |
| 119 | 32.5 | 25.5 | 38.3 |

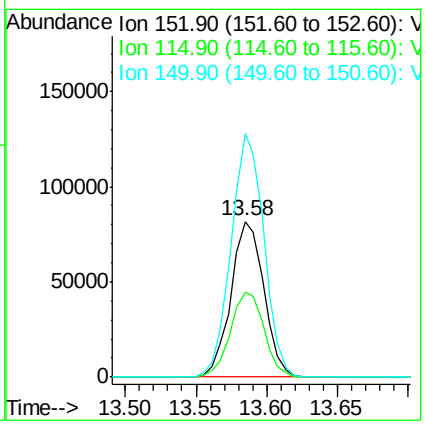


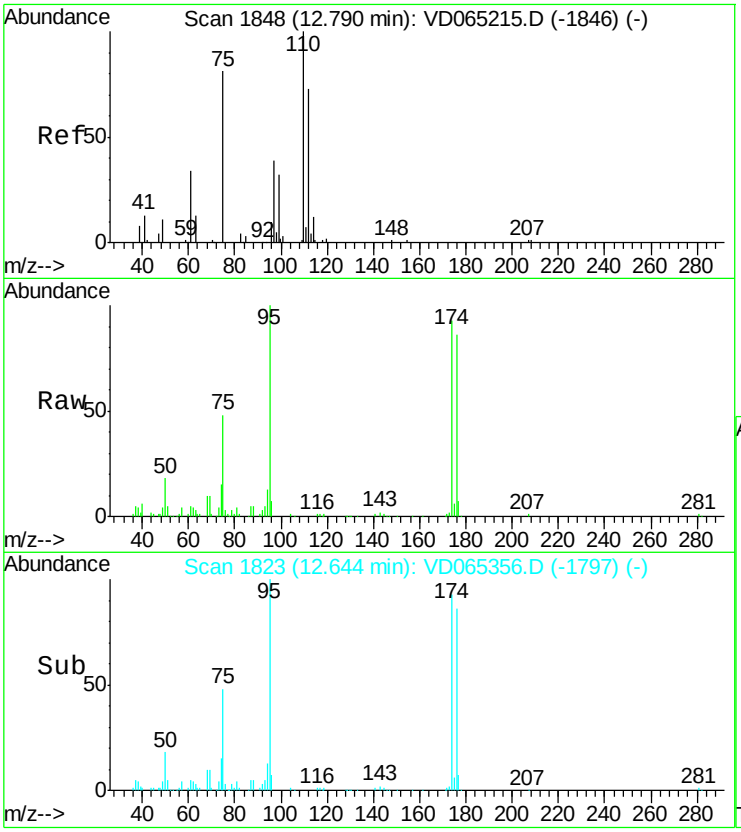




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065356.D
Acq: 28 Feb 2020 13:56

Tgt Ion:152 Resp: 133472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 55.3 | 27.6 | 82.8 |
| 150 | 155.3 | 0.0 | 347.4 |



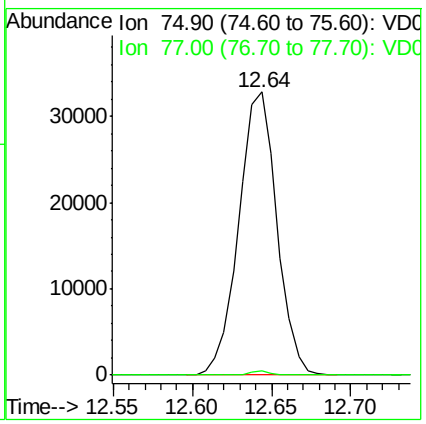


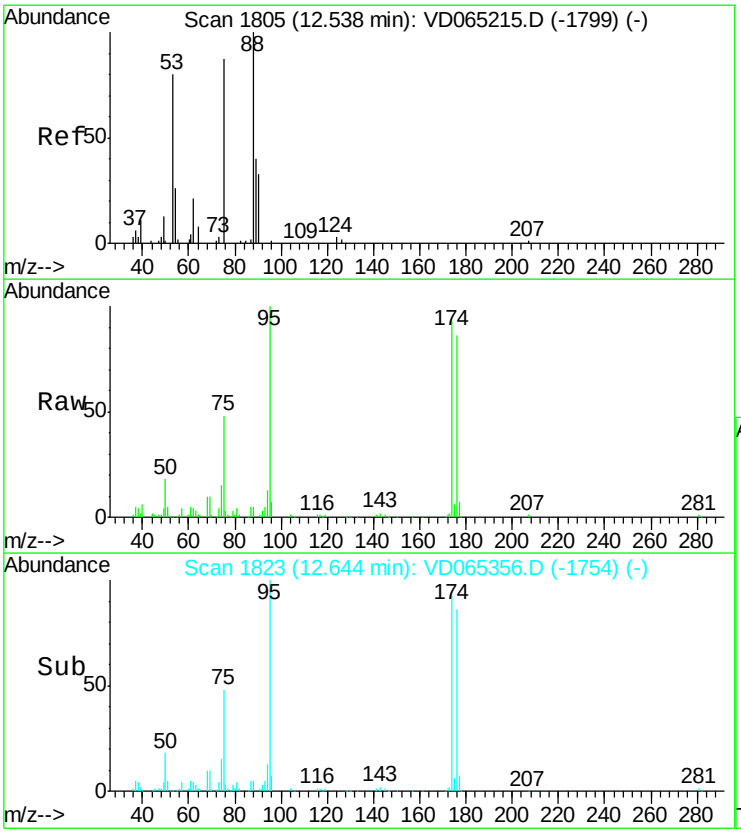

#76
1,2,3-Trichloropropane
Concen: 48.09 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. -0.15 min
Lab File: VD065356.D
Acq: 28 Feb 2020 13:56

**Instrument :**
MSVOA_D
**ClientSampleId :**
GP-07-022720

Tgt Ion: 75 Resp: 54613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.7 | 0.0 | 0.0# |




#81
trans-1,4-Dichloro-2-butene
Concen: 103.84 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.11 min
Lab File: VD065356.D
Acq: 28 Feb 2020 13:56

Tgt Ion: 75 Resp: 54613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.1 | 77.6 | 116.4# |
| 89 | 0.0 | 37.2 | 55.8# |