Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
Data File : VY009221.D
Acq On : 17 Jun 2022 12:57
Operator : KP/MD
Sample : N3367-01RE
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MJS-LB-02-13.0-14.0RE

Quant Time: Jun 17 22:52:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 16 02:54:06 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.789 | 168 | 25099 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.685 | 114 | 39088 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.489 | 117 | 31982 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152 | 12278 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.136 | 65 | 12746 | 48.615 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 97.220% | | | |
| 35) Dibromofluoromethane | 7.715 | 113 | 11274 | 46.004 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 92.000% | | | |
| 50) Toluene-d8 | 10.178 | 98 | 44684 | 47.899 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 49 - 140 | | Recovery = 95.800% | | | |
| 62) 4-Bromofluorobenzene | 12.477 | 95 | 11671 | 35.206 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 25 - 144 | | Recovery = 70.420% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 3.942 | 43 | 1984 | 30.041 | ug/l | 96 |
| 65) Chlorobenzene | 11.514 | 112 | 1409 | 2.034 | ug/l # | 79 |
| 95) Naphthalene | 15.238 | 128 | 3484 | 6.709 | ug/l # | 95 |

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

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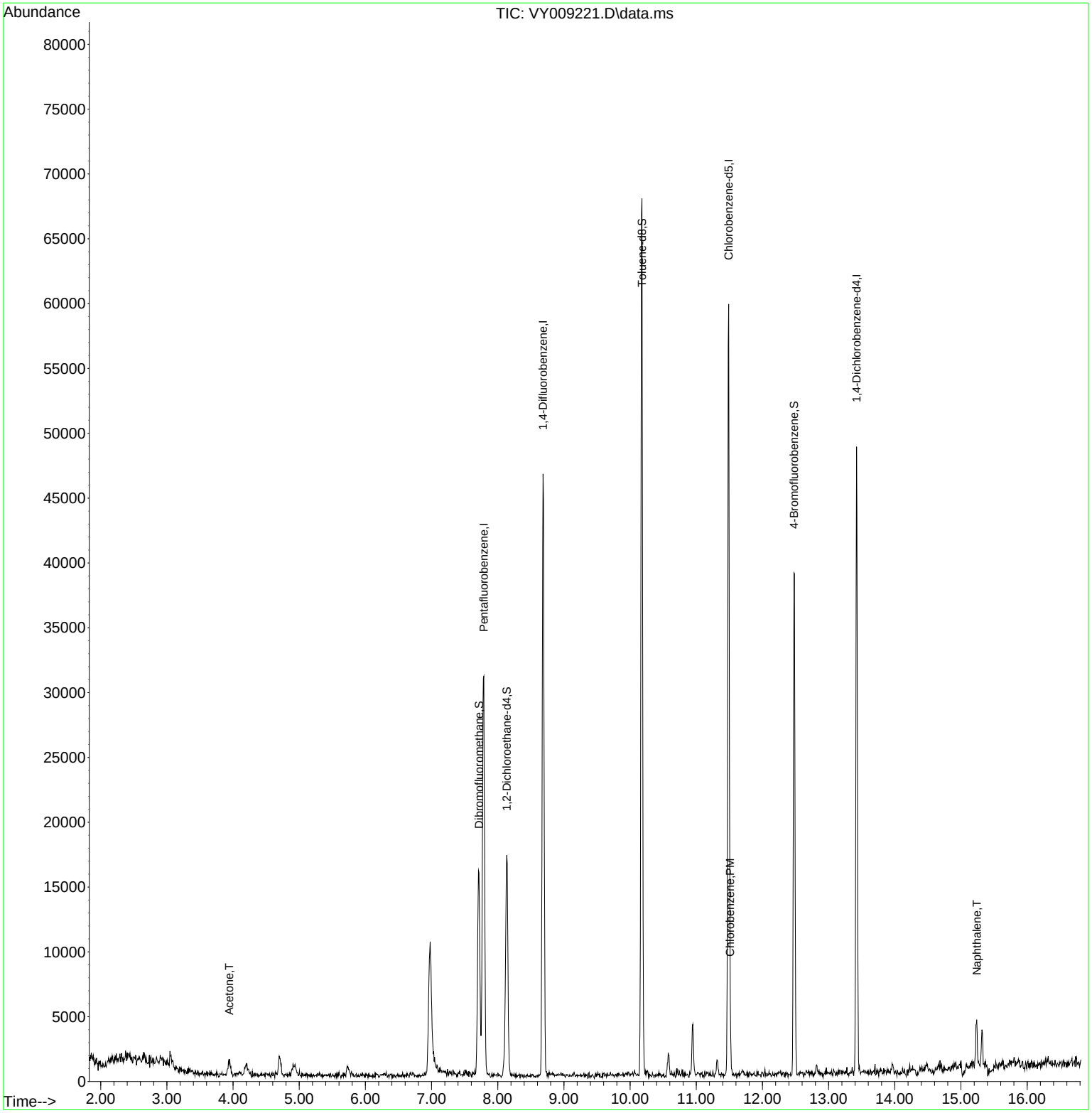
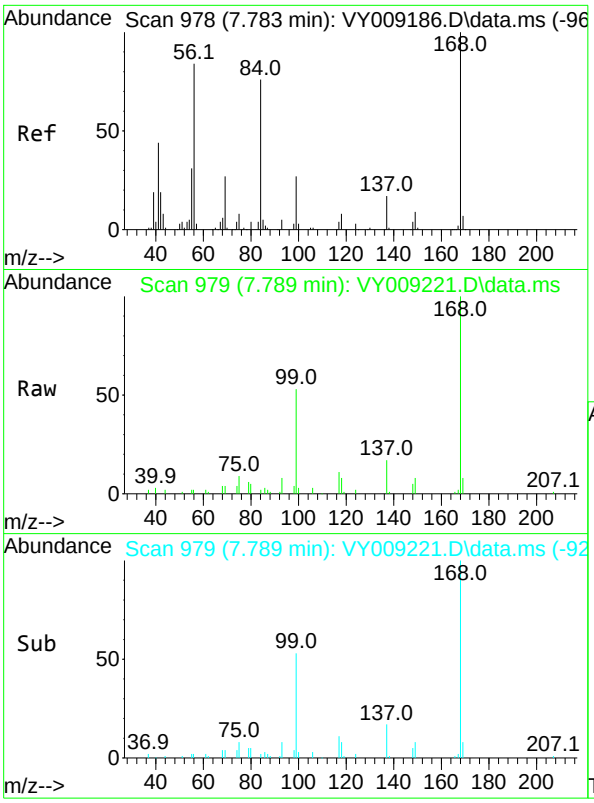


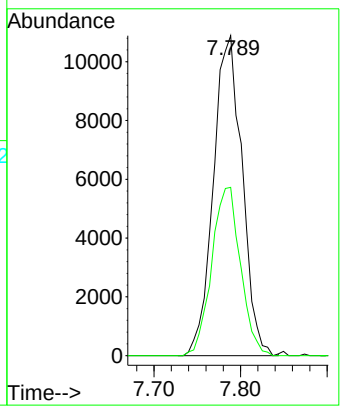


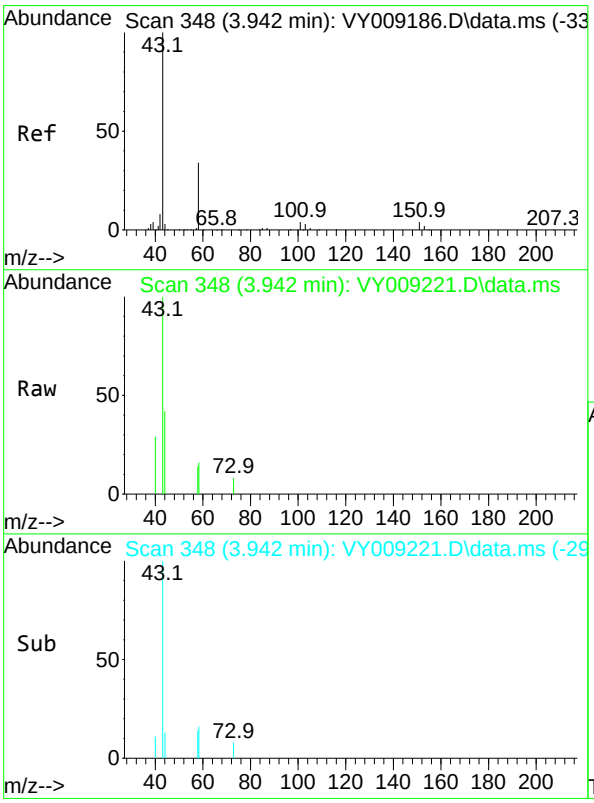

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY009221.D
Acq: 17 Jun 2022 12:57

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MJS-LB-02-13.0-14.0RE

Tgt Ion:168 Resp: 25099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 52.6 | 46.9 | 70.3 |

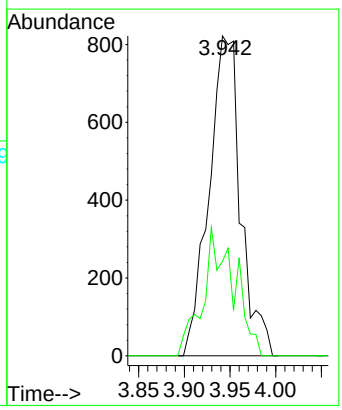


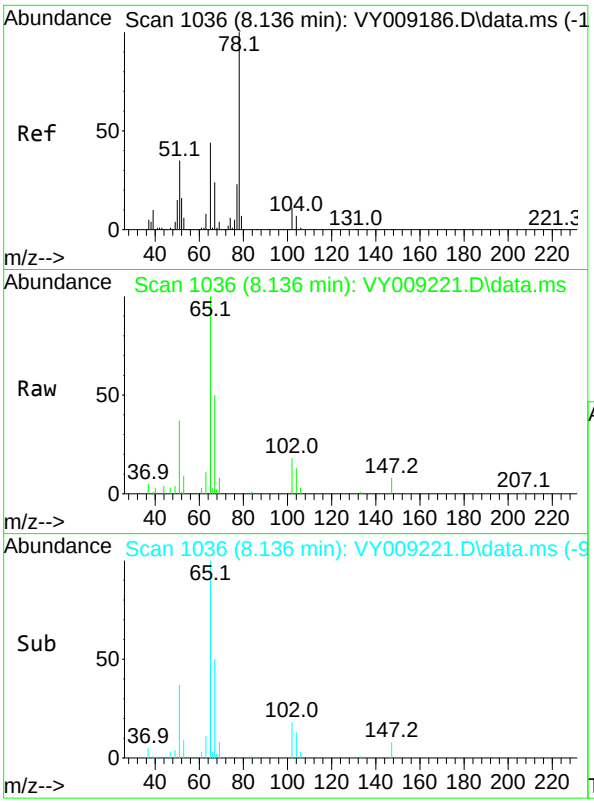




#16
Acetone
Concen: 30.041 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY009221.D
Acq: 17 Jun 2022 12:57

Tgt Ion: 43 Resp: 1984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.6 | 22.0 | 33.0 |



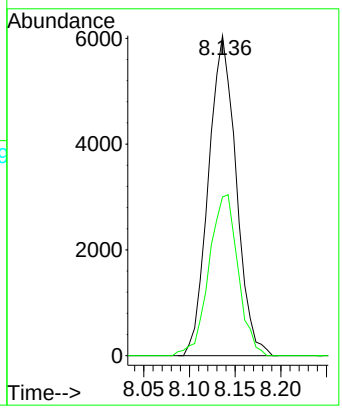


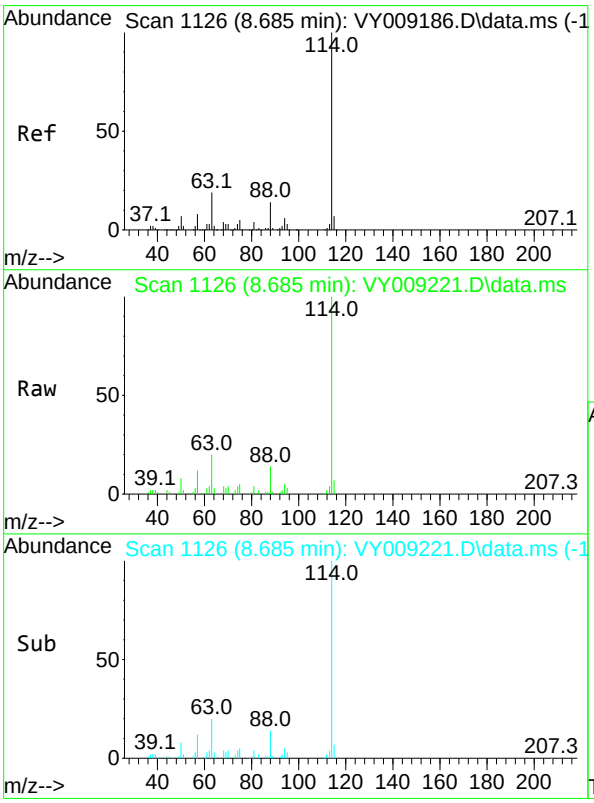

#33
1,2-Dichloroethane-d4
Concen: 48.615 ug/l
RT: 8.136 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009221.D
Acq: 17 Jun 2022 12:57

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MJS-LB-02-13.0-14.0RE

Tgt Ion: 65 Resp: 12746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.8 | 0.0 | 99.4 |

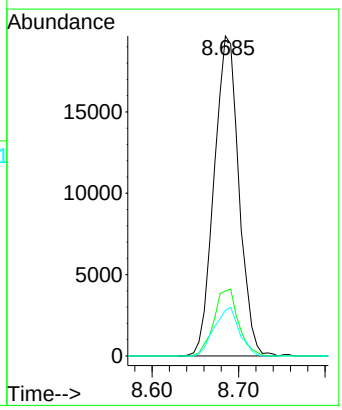


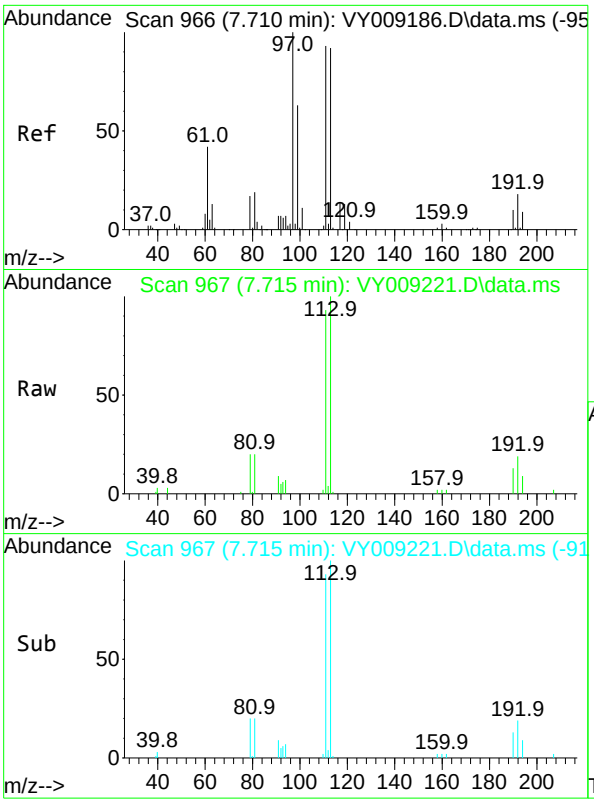




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009221.D
Acq: 17 Jun 2022 12:57

Tgt Ion:114 Resp: 39088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.3 | 0.0 | 43.2 |
| 88 | 14.2 | 0.0 | 31.8 |



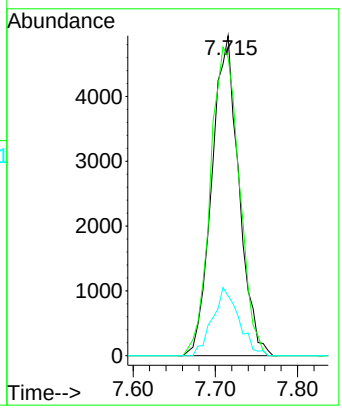


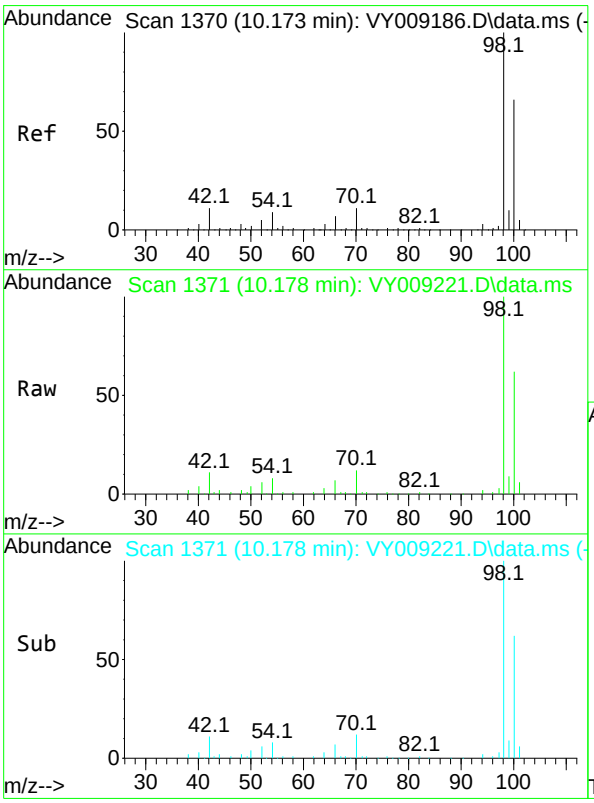

#35
Dibromofluoromethane
Concen: 46.004 ug/l
RT: 7.715 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY009221.D
Acq: 17 Jun 2022 12:57

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MJS-LB-02-13.0-14.0RE

Tgt Ion:113 Resp: 11274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.5 | 82.6 | 124.0 |
| 192 | 20.8 | 17.6 | 26.4 |

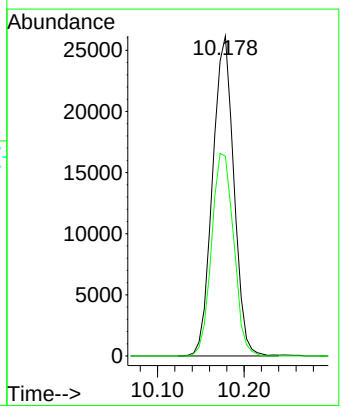


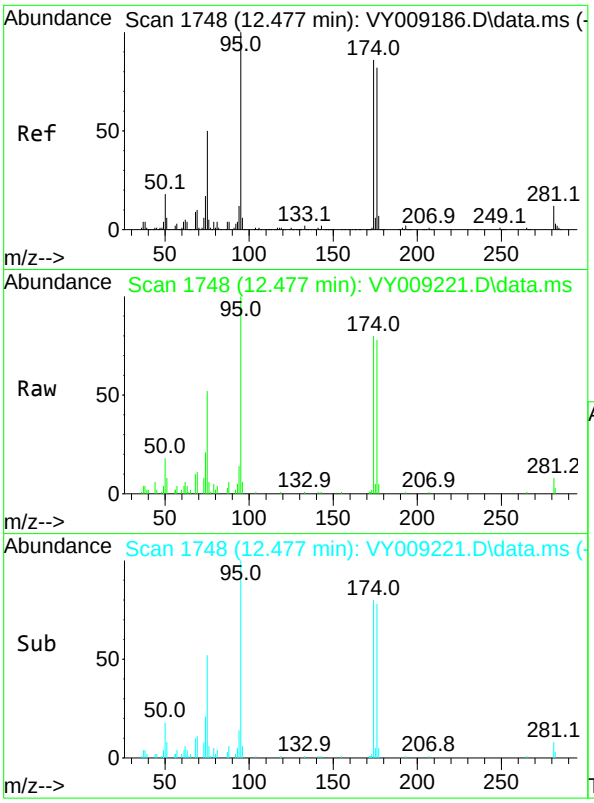




#50
Toluene-d8
Concen: 47.899 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009221.D
Acq: 17 Jun 2022 12:57

Tgt Ion: 98 Resp: 44684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.6 | 50.2 | 75.2 |



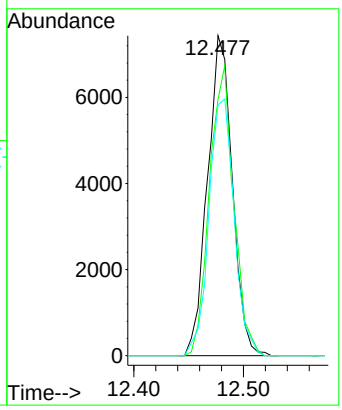


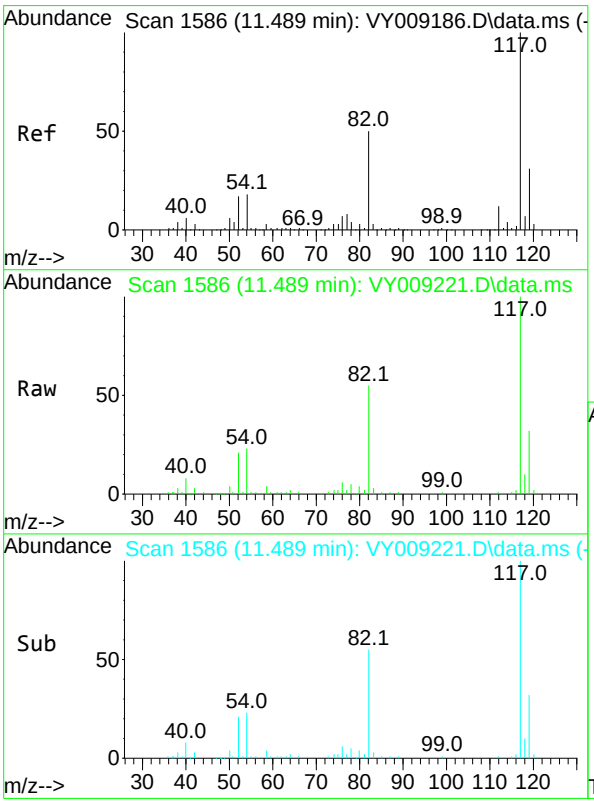

#62
4-Bromofluorobenzene
Concen: 35.206 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009221.D
Acq: 17 Jun 2022 12:57

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MJS-LB-02-13.0-14.0RE

Tgt Ion: 95 Resp: 11671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 88.9 | 0.0 | 177.0 |
| 176 | 81.9 | 0.0 | 175.8 |

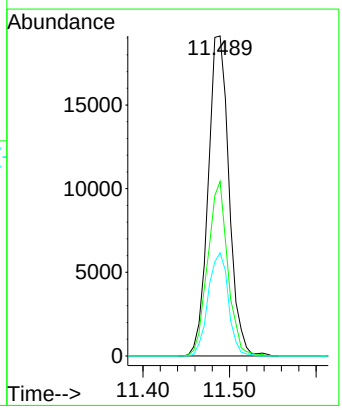


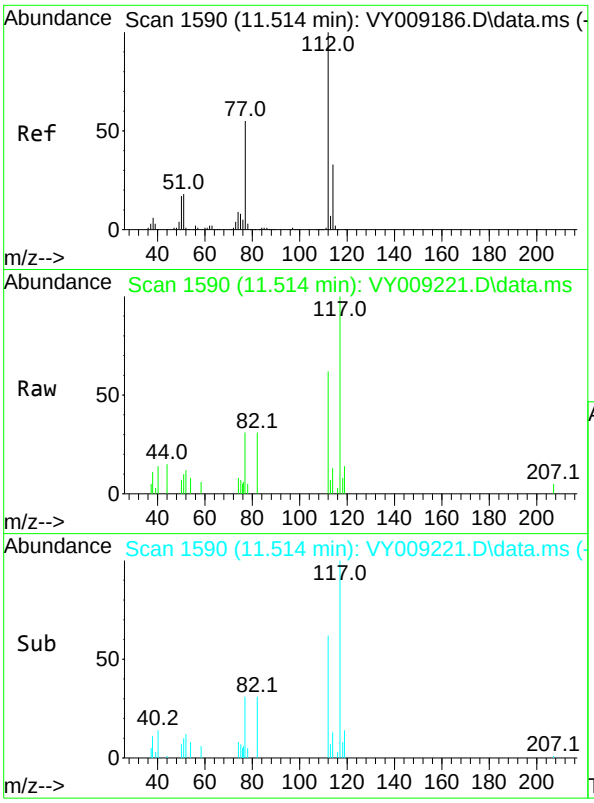




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009221.D
Acq: 17 Jun 2022 12:57

Tgt Ion:117 Resp: 31982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.5 | 43.0 | 64.4 |
| 119 | 32.2 | 25.4 | 38.0 |



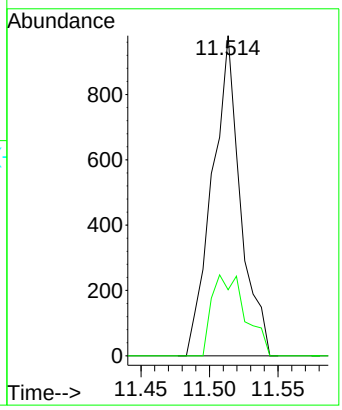


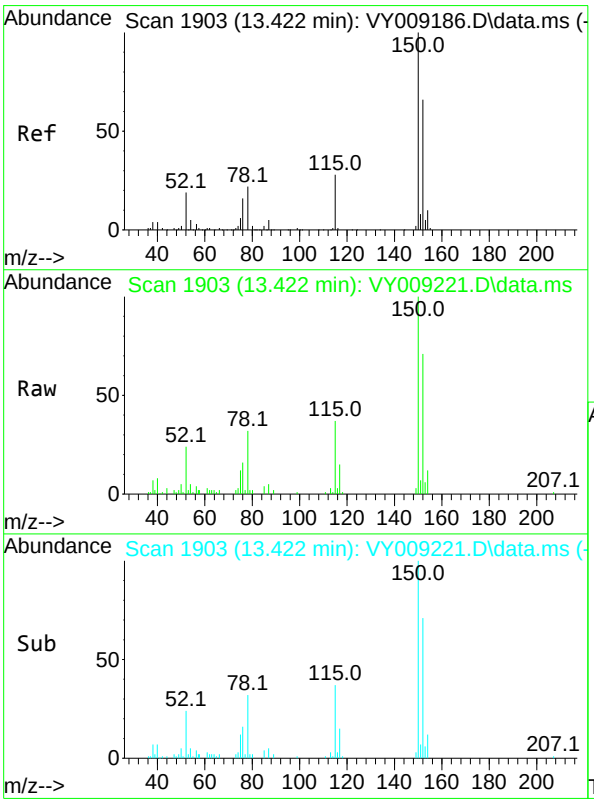

#65
Chlorobenzene
Concen: 2.034 ug/l
RT: 11.514 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009221.D
Acq: 17 Jun 2022 12:57

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MJS-LB-02-13.0-14.0RE

Tgt Ion:112 Resp: 1409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 20.6 | 25.8 | 38.6# |

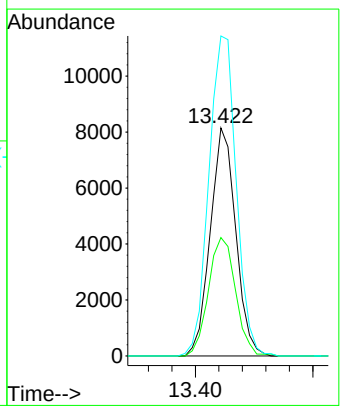


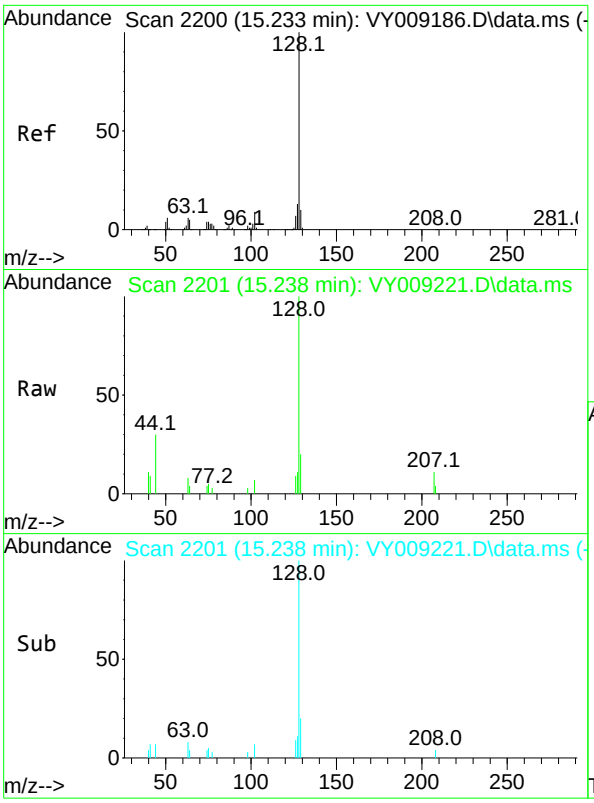




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009221.D
Acq: 17 Jun 2022 12:57

Tgt Ion:152 Resp: 12278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 55.3 | 28.2 | 84.7 |
| 150 | 150.4 | 0.0 | 347.6 |






#95
Naphthalene
Concen: 6.709 ug/l
RT: 15.238 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY009221.D
Acq: 17 Jun 2022 12:57

**Instrument :**
MSVOA_Y
**ClientSampleId :**
MJS-LB-02-13.0-14.0RE

Tgt Ion:128 Resp: 3484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 11.8 | 11.0 | 16.4 |
| 129 | 12.7 | 8.4 | 12.6# |