Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021338.D
Acq On : 26 Feb 2025 17:48
Operator : SY/MD
Sample : Q1415-03
Misc : 7.33g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
B-163-SB02

Quant Time: Feb 27 00:40:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.707 | 168 | 278202 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.616 | 114 | 557389 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.414 | 117 | 583706 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152 | 249107 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.061 | 65 | 174903 | 55.420 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 110.840% | | | |
| 35) Dibromofluoromethane | 7.634 | 113 | 184126 | 50.386 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 100.780% | | | |
| 50) Toluene-d8 | 10.103 | 98 | 709070 | 50.207 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = 100.420% | | | |
| 62) 4-Bromofluorobenzene | 12.408 | 95 | 267792 | 56.342 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = 112.680% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 3.866 | 43 | 41560 | 68.650 | ug/l | 98 |
| 25) 2-Butanone | 6.890 | 43 | 17344 | 18.983 | ug/l | 97 |
| 68) m/p-Xylenes | 11.621 | 106 | 10321 | 1.182 | ug/l | 98 |

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

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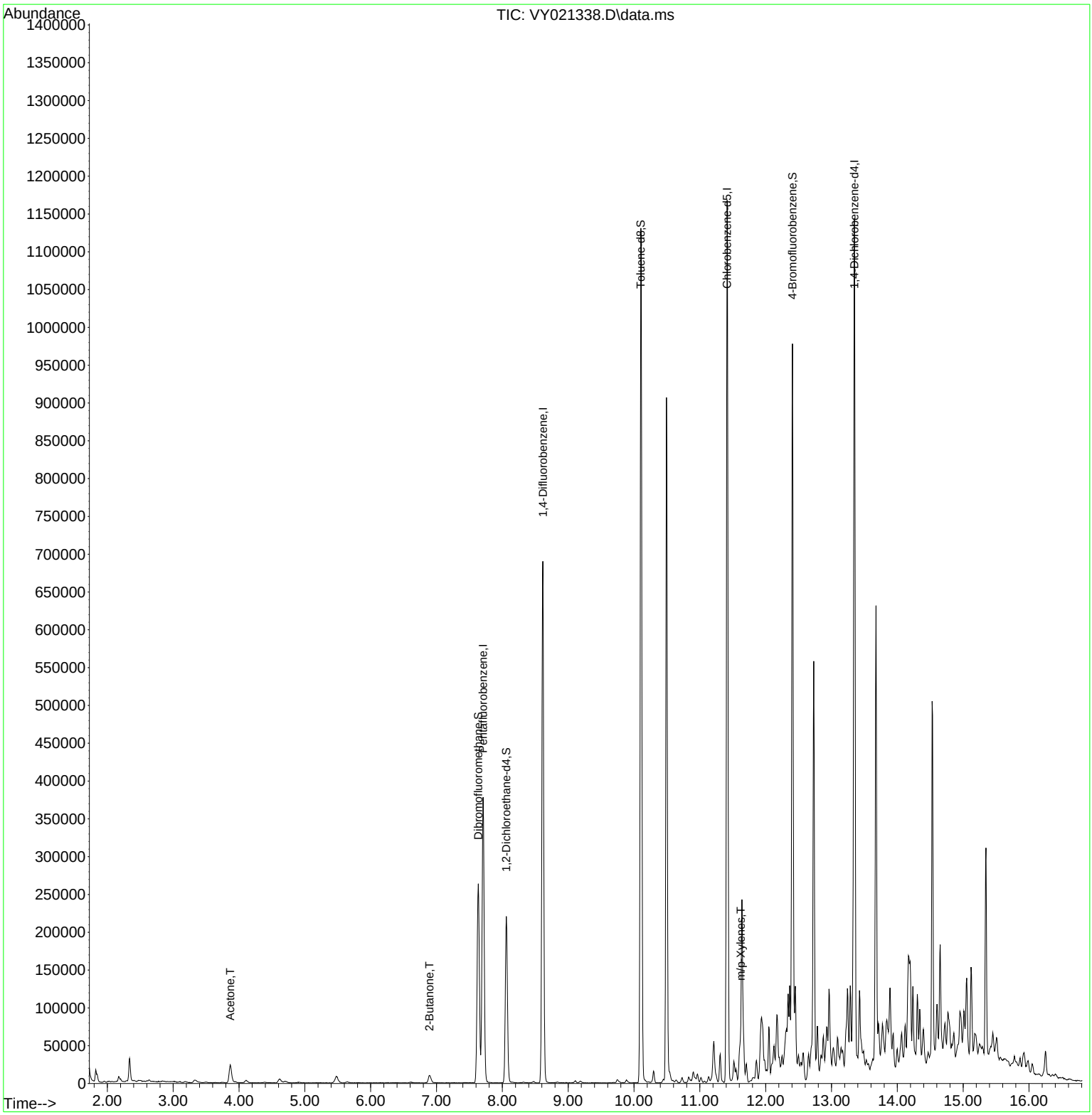
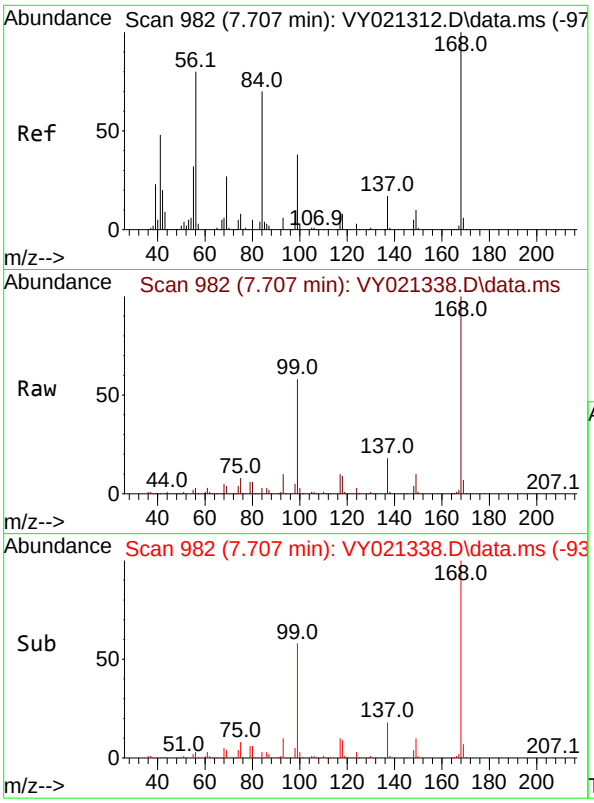


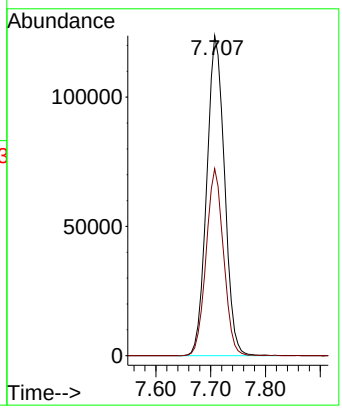


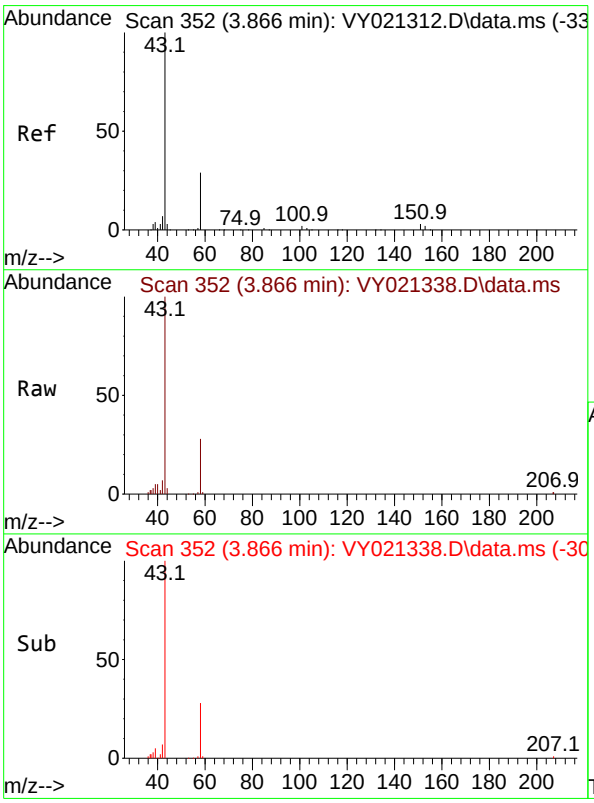

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
B-163-SB02

Tgt Ion:168 Resp: 278202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 58.4 | 47.1 | 70.7 |

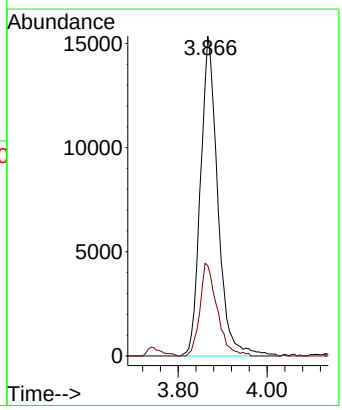


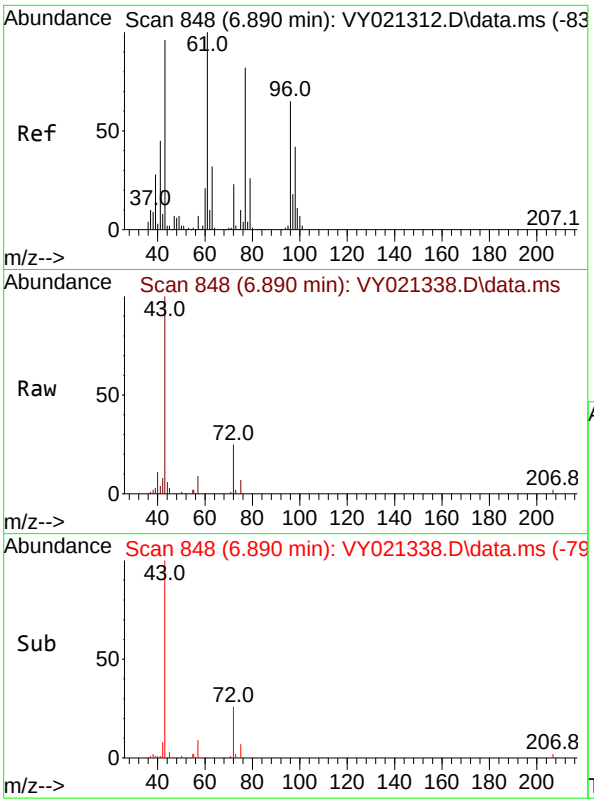




#16
Acetone
Concen: 68.650 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

Tgt Ion: 43 Resp: 41560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.2 | 23.5 | 35.3 |



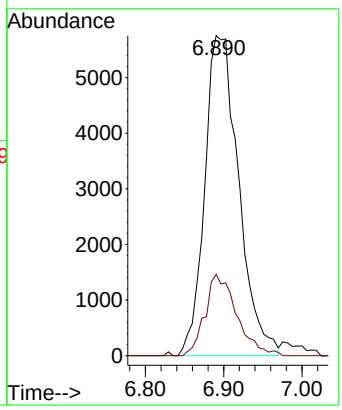


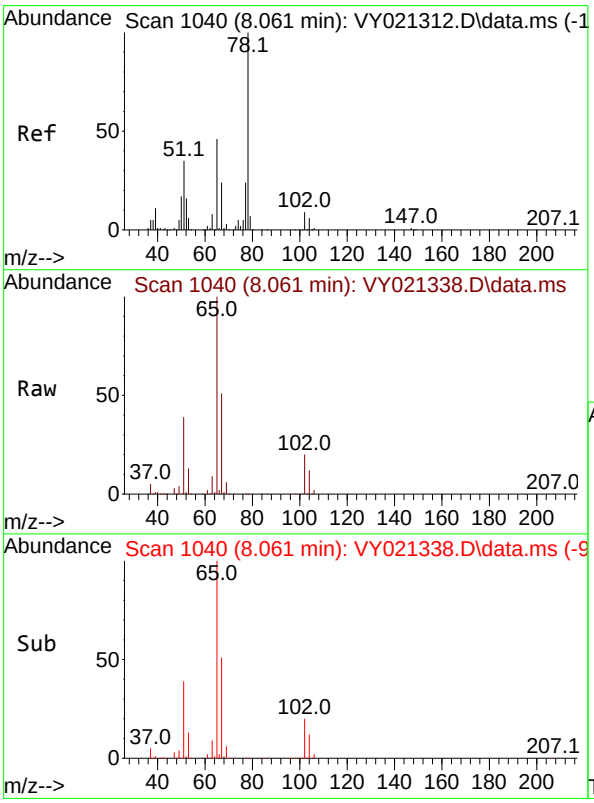

#25
2-Butanone
Concen: 18.983 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
B-163-SB02

Tgt Ion: 43 Resp: 17344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 25.4 | 19.0 | 28.6 |

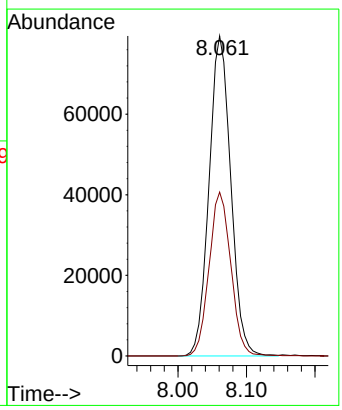


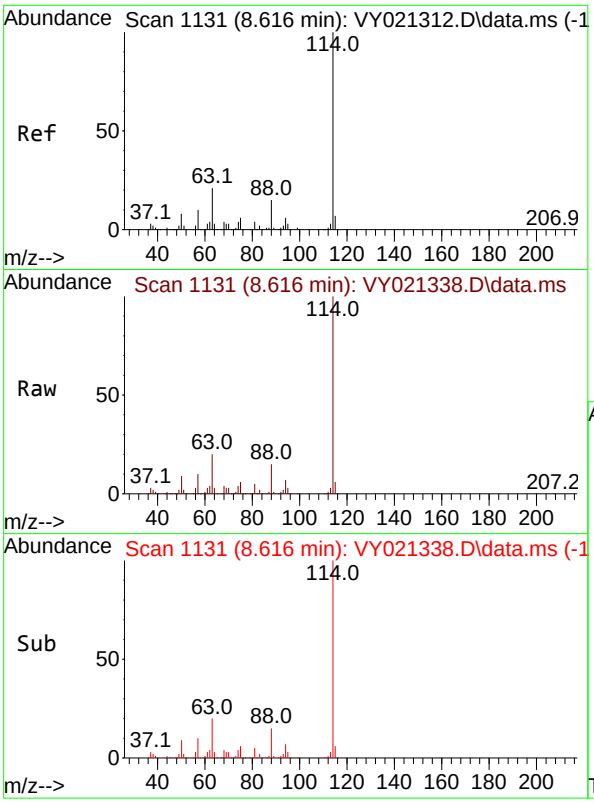




#33
1,2-Dichloroethane-d4
Concen: 55.420 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

Tgt Ion: 65 Resp: 174903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.3 | 0.0 | 103.6 |



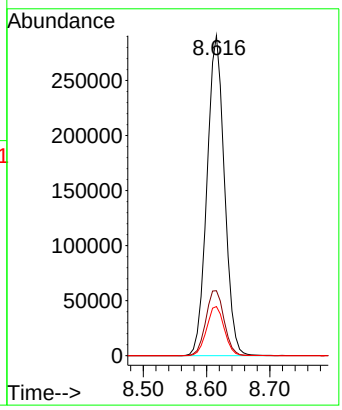


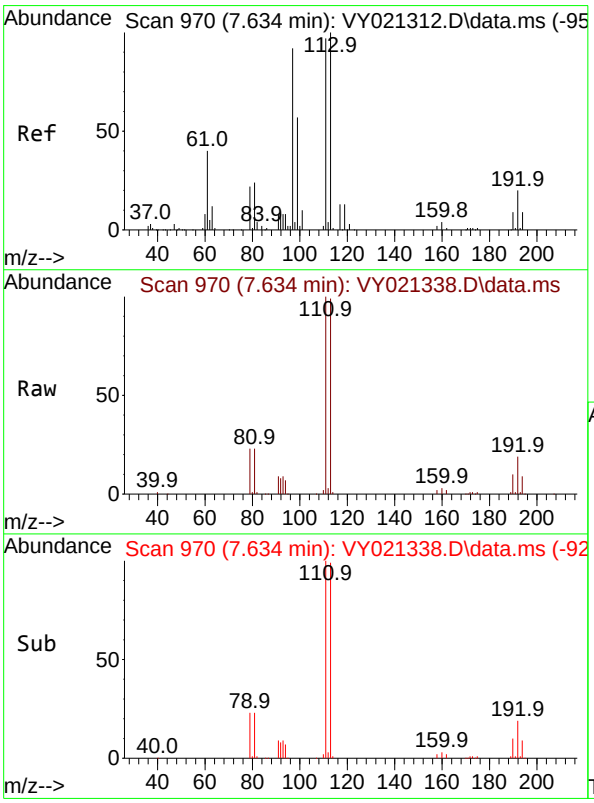

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
B-163-SB02

Tgt Ion:114 Resp: 557389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.3 | 0.0 | 42.2 |
| 88 | 15.3 | 0.0 | 29.8 |

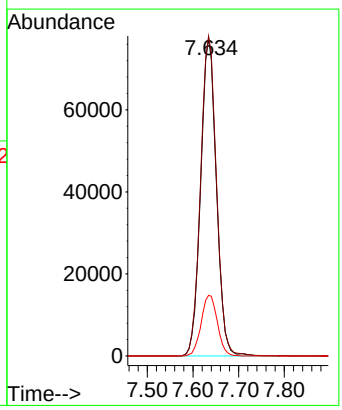


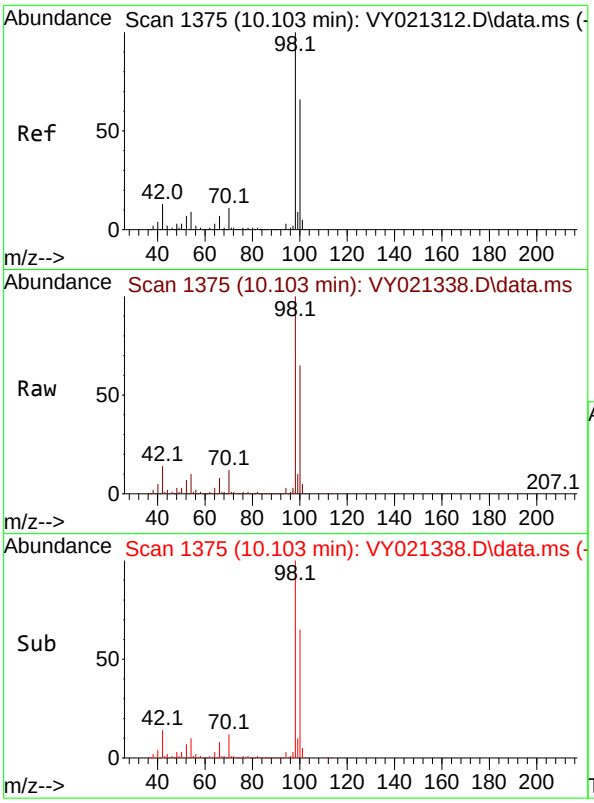




#35
Dibromofluoromethane
Concen: 50.386 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

Tgt Ion:113 Resp: 184126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.3 | 81.0 | 121.6 |
| 192 | 19.8 | 15.8 | 23.8 |



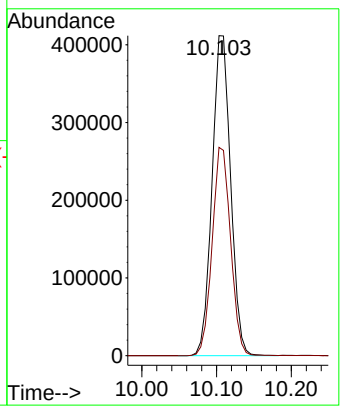


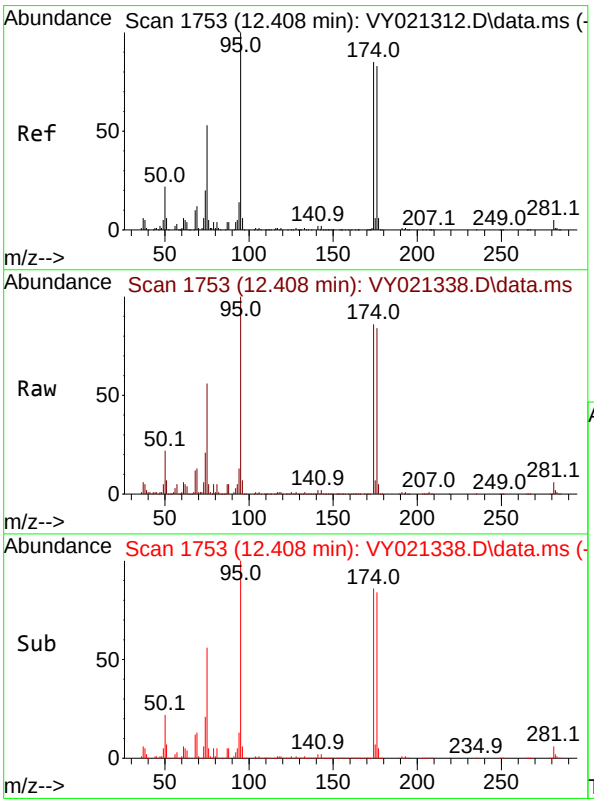

#50
Toluene-d8
Concen: 50.207 ug/l
RT: 10.103 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
B-163-SB02

Tgt Ion: 98 Resp: 709070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.7 | 52.4 | 78.6 |

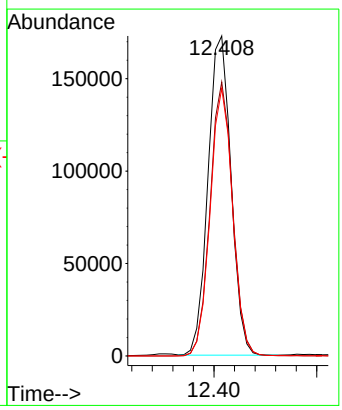


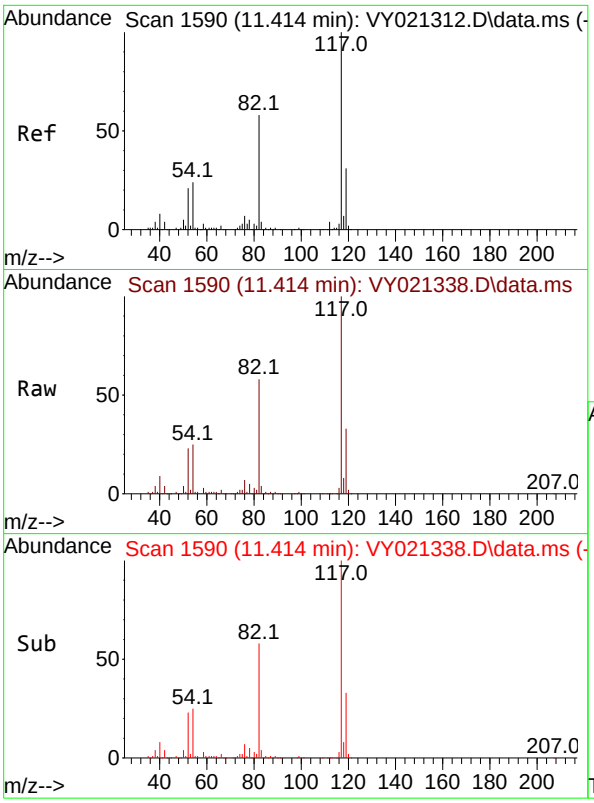




#62
4-Bromofluorobenzene
Concen: 56.342 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

Tgt Ion: 95 Resp: 267792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 84.3 | 0.0 | 168.0 |
| 176 | 82.1 | 0.0 | 162.6 |



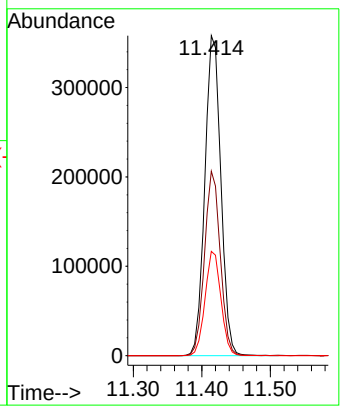


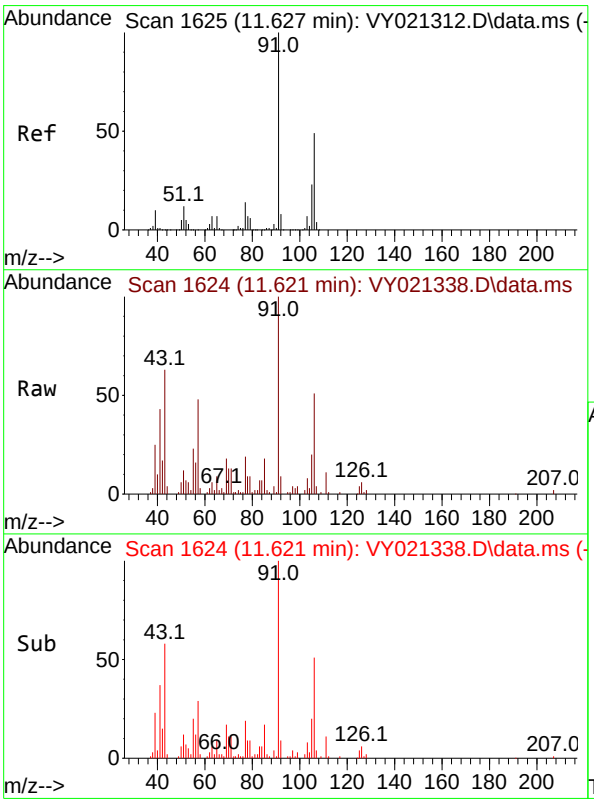

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
B-163-SB02

Tgt Ion:117 Resp: 583706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.6 | 46.2 | 69.4 |
| 119 | 32.6 | 24.9 | 37.3 |

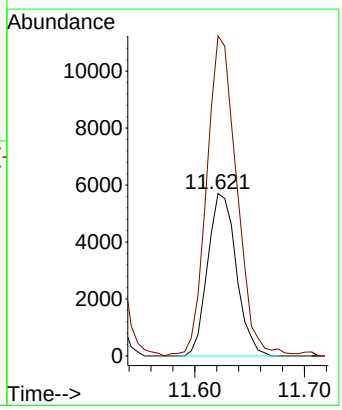


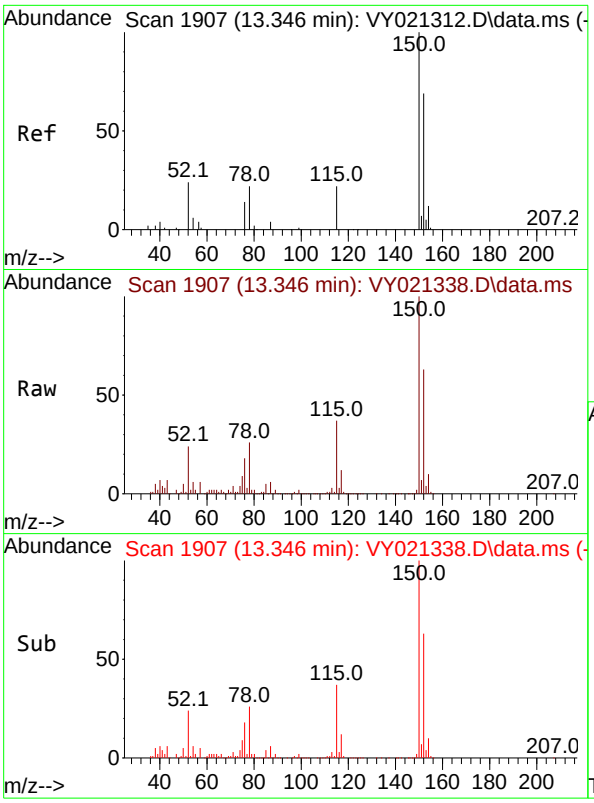




#68
m/p-Xylenes
Concen: 1.182 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.006 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

Tgt Ion:106 Resp: 10321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 207.8 | 163.9 | 245.9 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021338.D
Acq: 26 Feb 2025 17:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
B-163-SB02

Tgt Ion:152 Resp: 249107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.0 | 29.3 | 88.0 |
| 150 | 158.7 | 0.0 | 347.4 |