Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
Data File : VY007831.D
Acq On : 10 Mar 2022 17:32
Operator : SY/MD
Sample : N1831-01
Misc : 6.40g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
AU-06-03072022

Quant Time: Mar 10 23:58:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.795 | 168 | 175327 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.691 | 114 | 303726 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.489 | 117 | 275035 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152 | 120019 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.142 | 65 | 117897 | 64.231 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 128.460% | | | |
| 35) Dibromofluoromethane | 7.722 | 113 | 103390 | 53.244 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 106.480% | | | |
| 50) Toluene-d8 | 10.179 | 98 | 368963 | 51.618 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 49 - 140 | | Recovery = 103.240% | | | |
| 62) 4-Bromofluorobenzene | 12.483 | 95 | 114991 | 49.907 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 25 - 144 | | Recovery = 99.820% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 3.954 | 43 | 8630 | 23.112 | ug/l | 90 |
| 80) 1,3,5-Trimethylbenzene | 12.812 | 105 | 15805 | 2.114 | ug/l | 95 |
| 84) 1,2,4-Trimethylbenzene | 13.123 | 105 | 24760 | 3.362 | ug/l | 98 |

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

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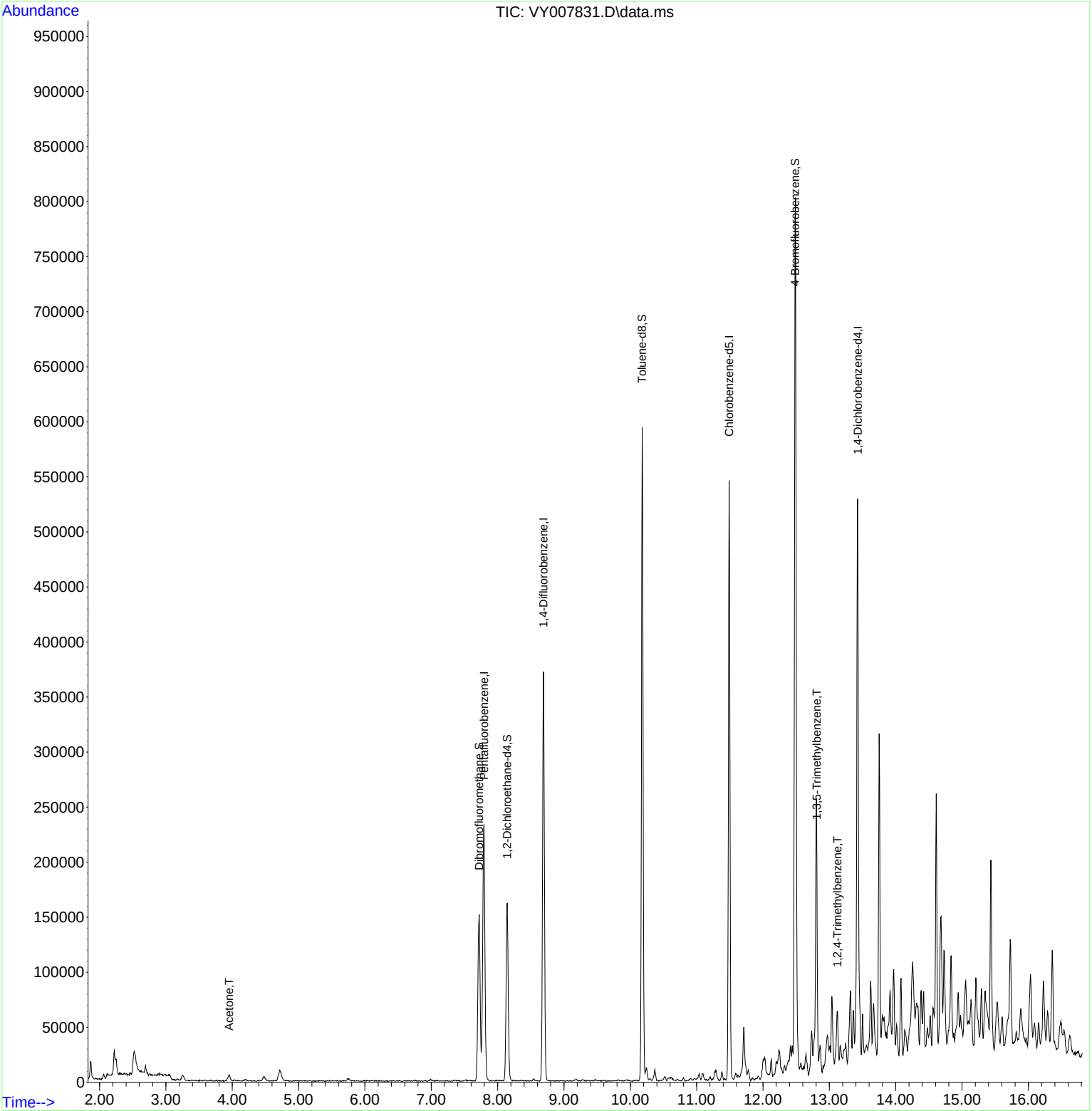
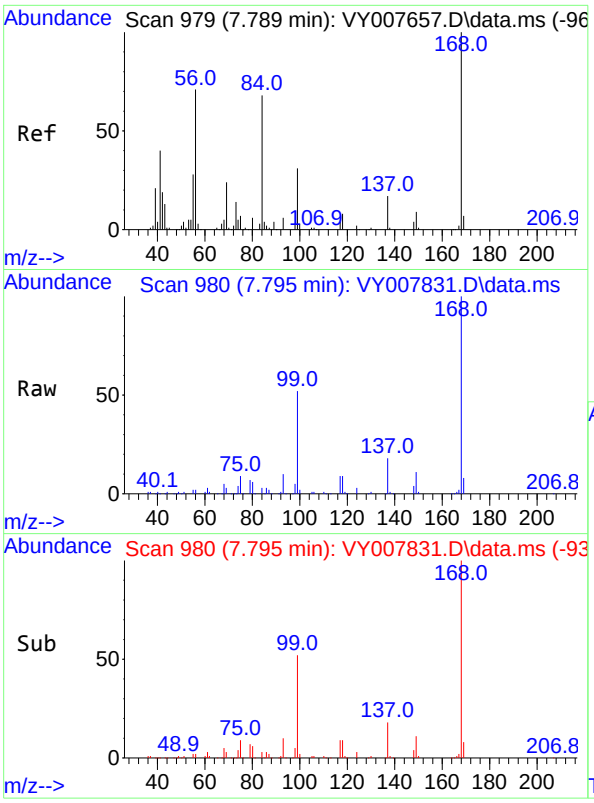


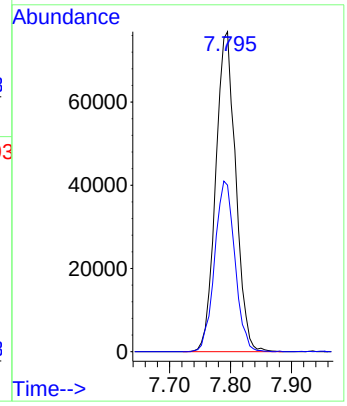


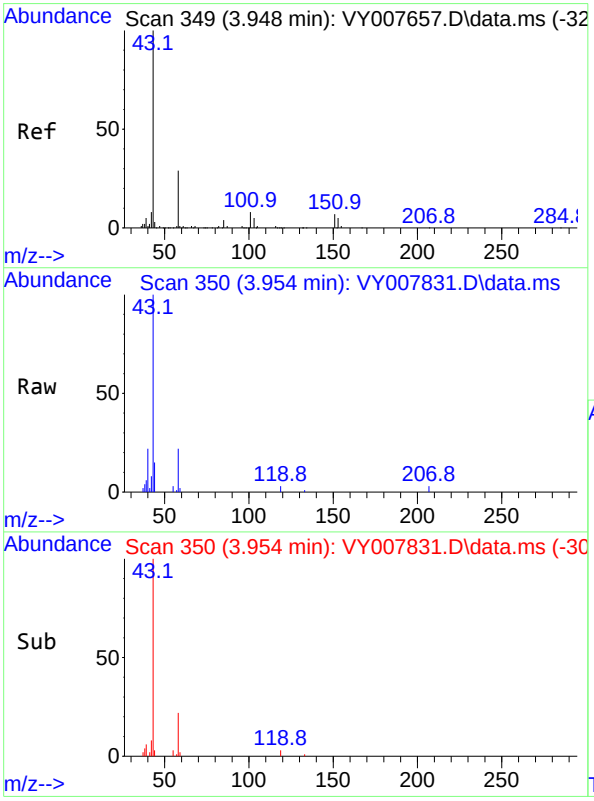

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY007831.D
Acq: 10 Mar 2022 17:32

**Instrument :**
MSVOA_Y
**ClientSampleId :**
AU-06-03072022

Tgt Ion:168 Resp: 175327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 52.1 | 46.9 | 70.3 |

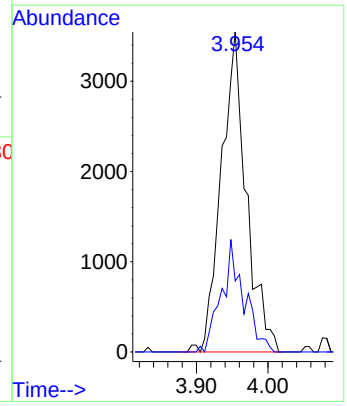


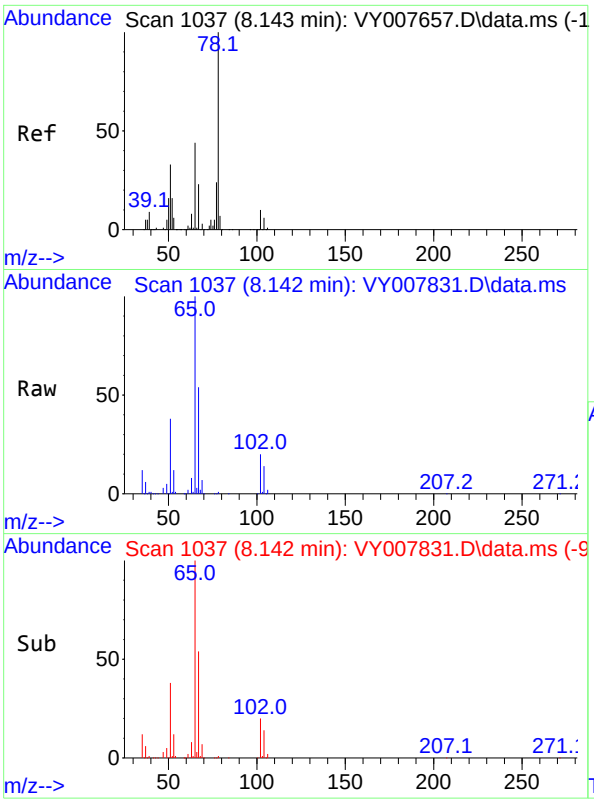




#16
Acetone
Concen: 23.112 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007831.D
Acq: 10 Mar 2022 17:32

Tgt Ion: 43 Resp: 8630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 22.2 | 22.0 | 33.0 |



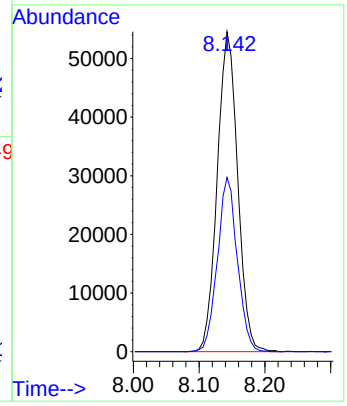


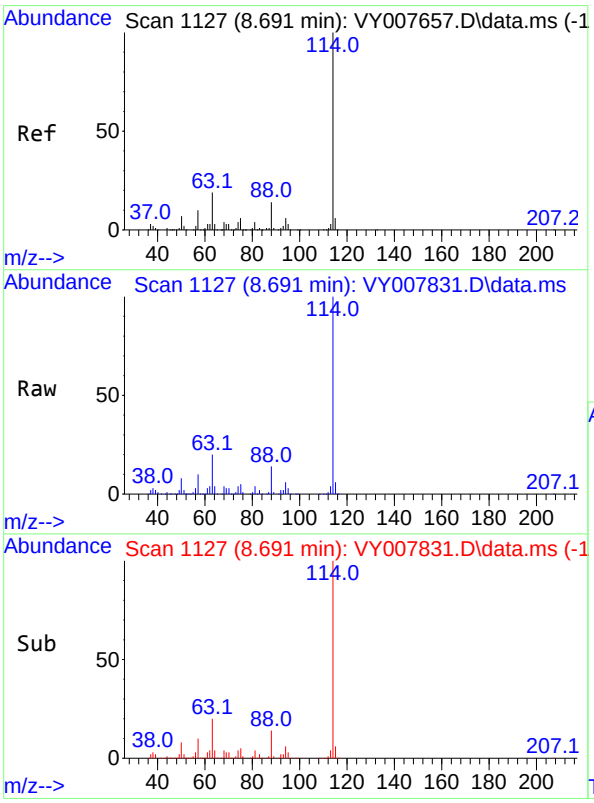

#33
1,2-Dichloroethane-d4
Concen: 64.231 ug/l
RT: 8.142 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY007831.D
Acq: 10 Mar 2022 17:32

**Instrument :**
MSVOA_Y
**ClientSampleId :**
AU-06-03072022

Tgt Ion: 65 Resp: 117897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.1 | 0.0 | 99.4 |

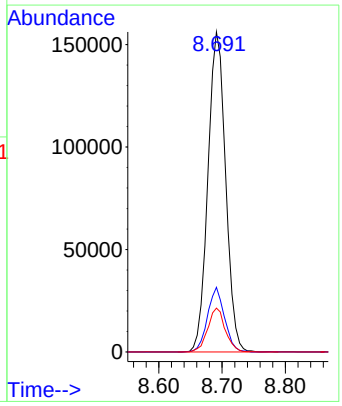


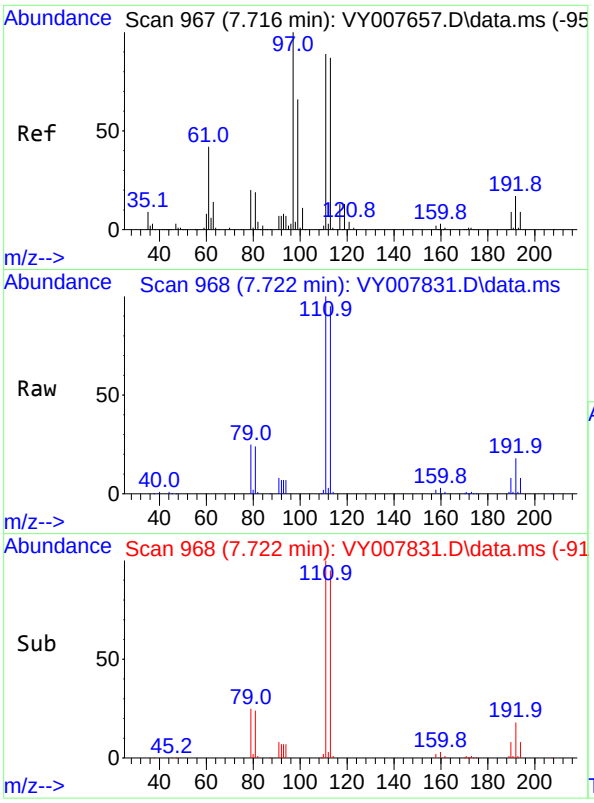




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007831.D
Acq: 10 Mar 2022 17:32

Tgt Ion:114 Resp: 303726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.2 | 0.0 | 43.2 |
| 88 | 13.7 | 0.0 | 31.8 |



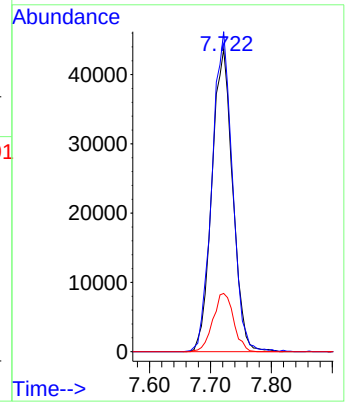


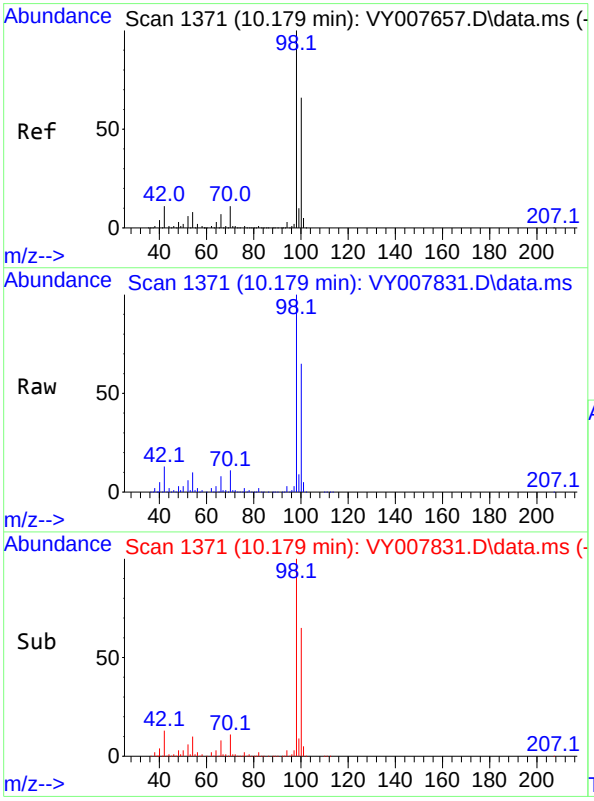

#35
Dibromofluoromethane
Concen: 53.244 ug/l
RT: 7.722 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY007831.D
Acq: 10 Mar 2022 17:32

**Instrument :**
MSVOA_Y
**ClientSampleId :**
AU-06-03072022

Tgt Ion:113 Resp: 103390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.8 | 82.6 | 124.0 |
| 192 | 19.1 | 17.6 | 26.4 |

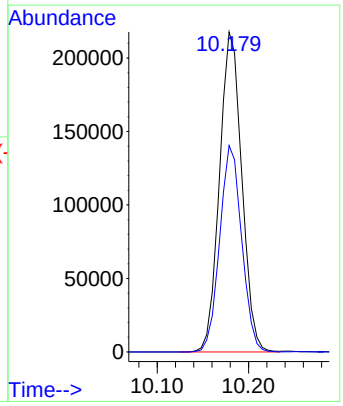


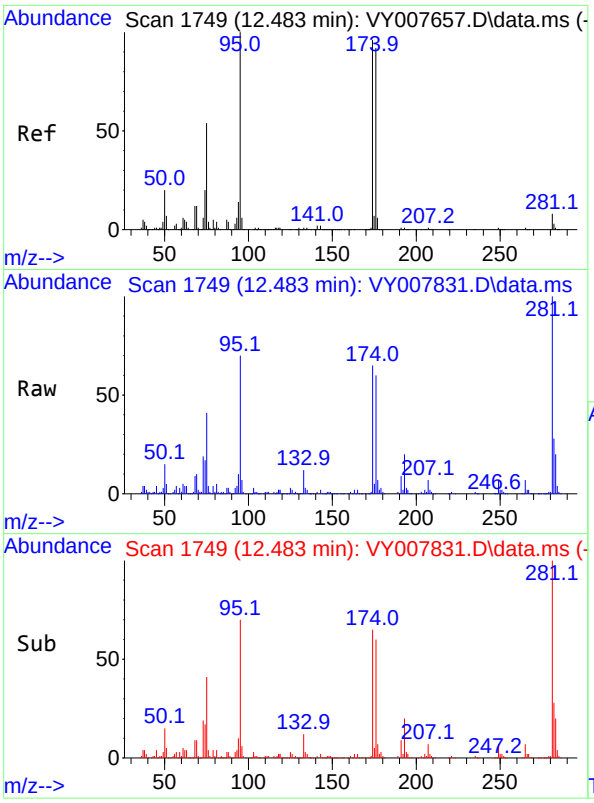




#50
Toluene-d8
Concen: 51.618 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007831.D
Acq: 10 Mar 2022 17:32

Tgt Ion: 98 Resp: 368963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.7 | 50.2 | 75.2 |



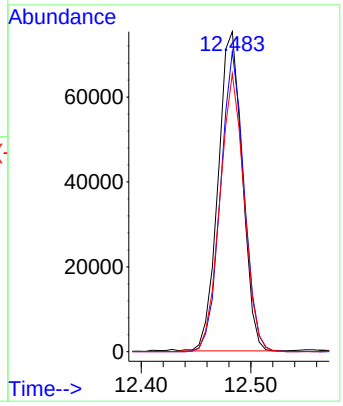


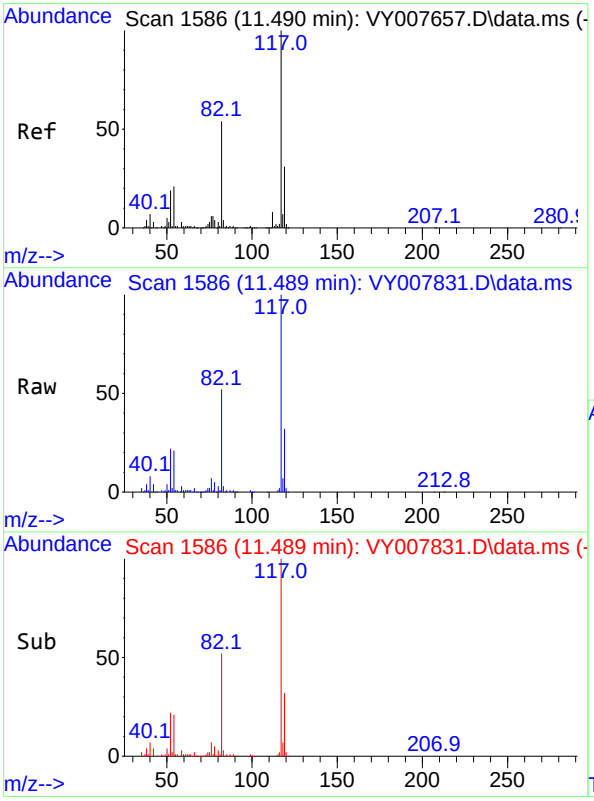

#62
4-Bromofluorobenzene
Concen: 49.907 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007831.D
Acq: 10 Mar 2022 17:32

**Instrument :**
MSVOA_Y
**ClientSampleId :**
AU-06-03072022

Tgt Ion: 95 Resp: 114991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 91.3 | 0.0 | 177.0 |
| 176 | 87.4 | 0.0 | 175.8 |

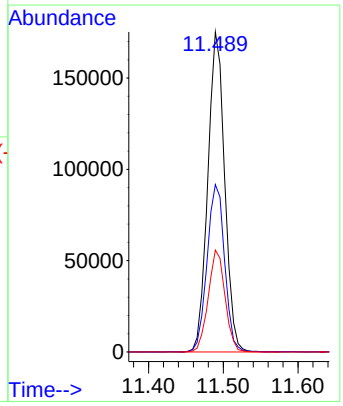


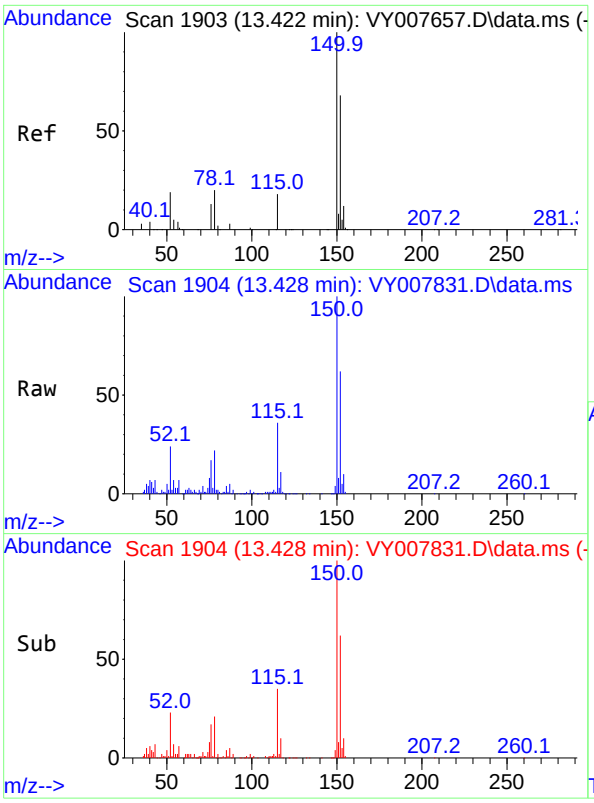




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007831.D
Acq: 10 Mar 2022 17:32

Tgt Ion:117 Resp: 275035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 52.3 | 43.0 | 64.4 |
| 119 | 31.8 | 25.4 | 38.0 |



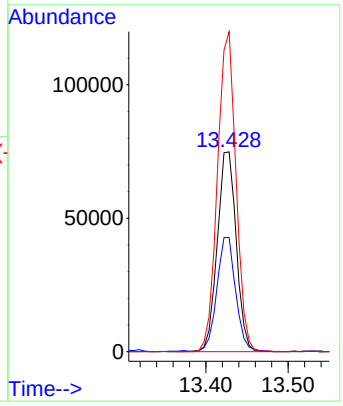


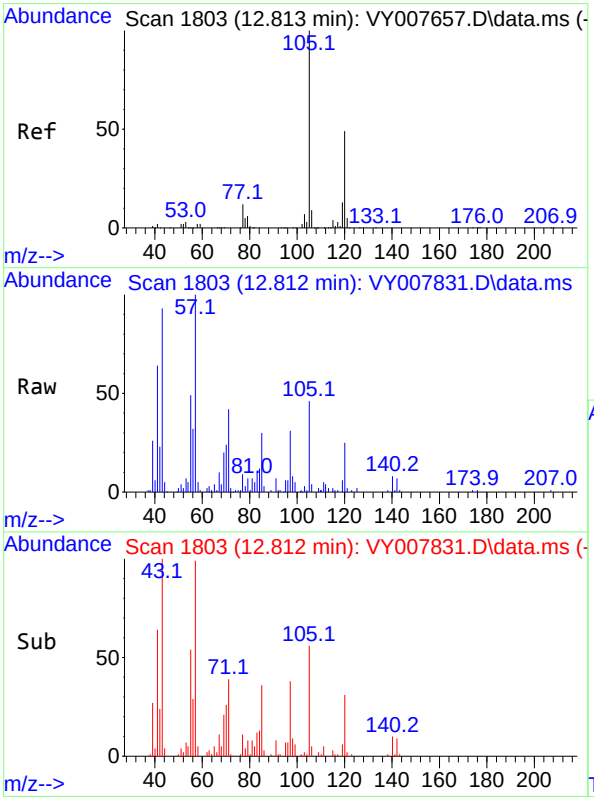

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007831.D
Acq: 10 Mar 2022 17:32

**Instrument :**
MSVOA_Y
**ClientSampleId :**
AU-06-03072022

Tgt Ion:152 Resp: 120019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 56.9 | 28.2 | 84.7 |
| 150 | 156.3 | 0.0 | 347.6 |

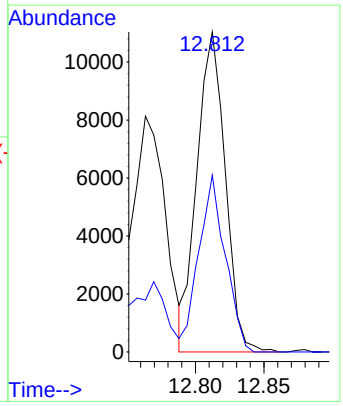


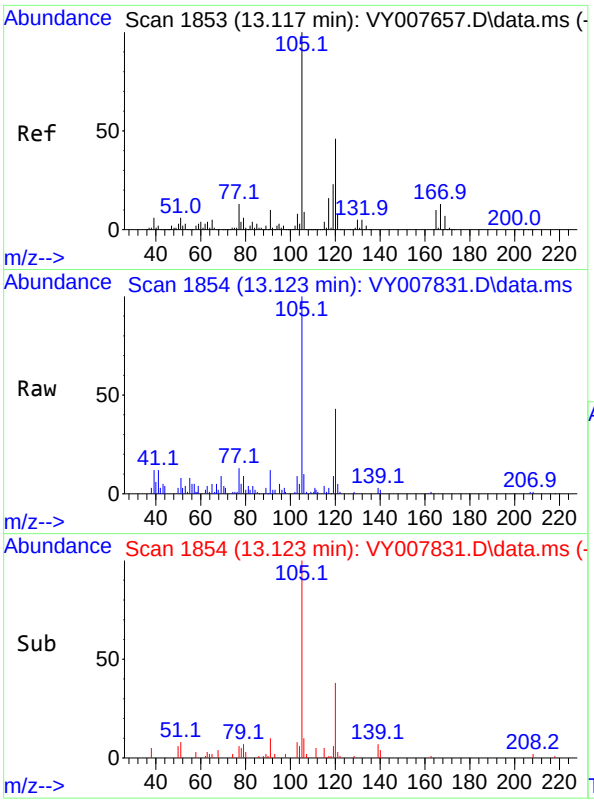




#80
1,3,5-Trimethylbenzene
Concen: 2.114 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY007831.D
Acq: 10 Mar 2022 17:32

Tgt Ion:105 Resp: 15805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 52.2 | 24.4 | 73.4 |






#84
1,2,4-Trimethylbenzene
Concen: 3.362 ug/l
RT: 13.123 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007831.D
Acq: 10 Mar 2022 17:32

**Instrument :**
MSVOA_Y
**ClientSampleId :**
AU-06-03072022

Tgt Ion:105 Resp: 24760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.8 | 22.3 | 66.9 |