Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021116.D
Acq On : 06 Feb 2025 17:08
Operator : SY/MD
Sample : Q1287-07
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
BAY-DRUMS-D

Quant Time: Feb 07 02:34:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

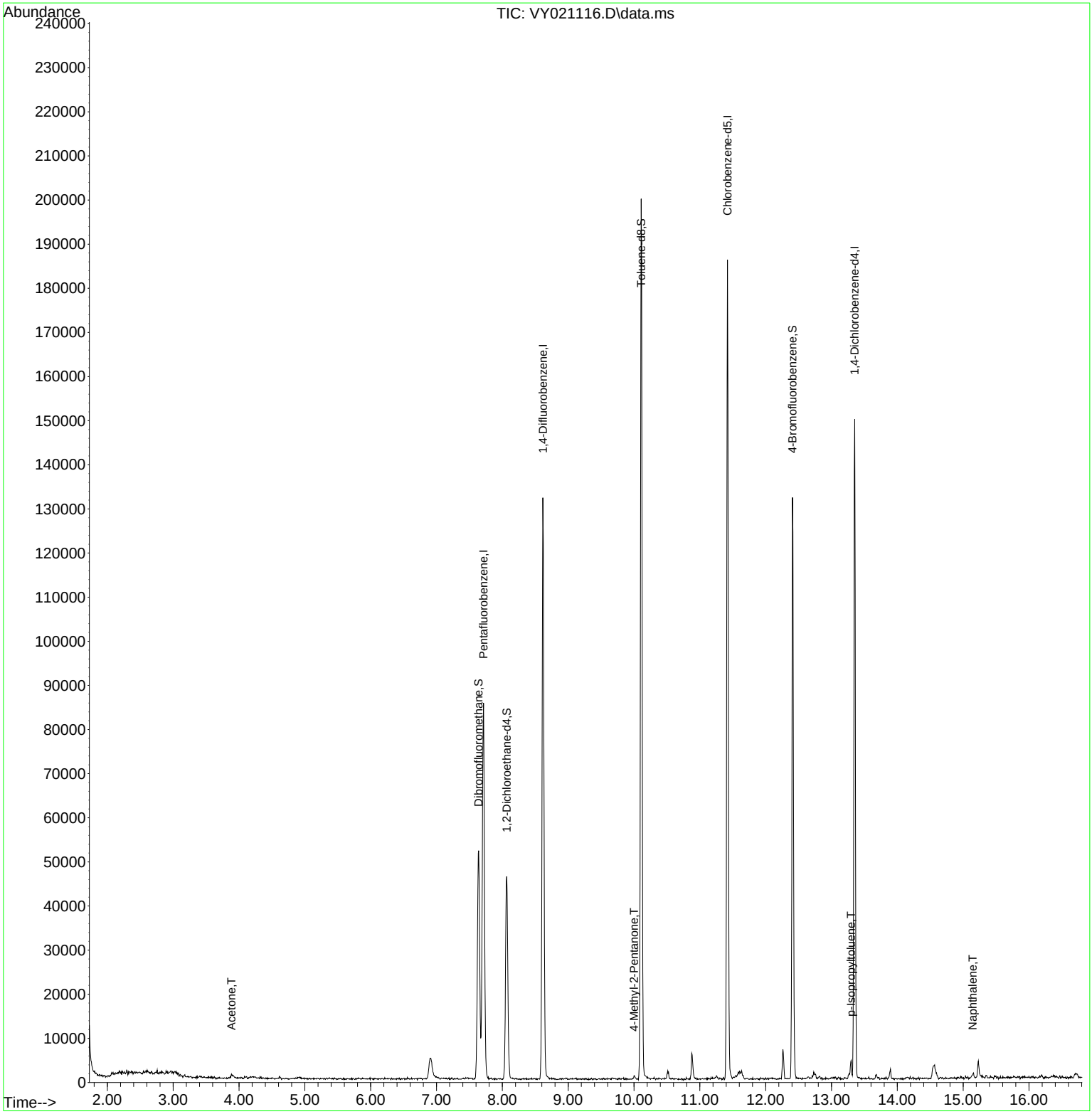
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.713 | 168 | 65442 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.616 | 114 | 107635 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.420 | 117 | 95561 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.353 | 152 | 36404 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.067 | 65 | 38518 | 57.446 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 114.900% | | | |
| 35) Dibromofluoromethane | 7.640 | 113 | 36464 | 52.862 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 105.720% | | | |
| 50) Toluene-d8 | 10.109 | 98 | 128130 | 48.791 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = 97.580% | | | |
| 62) 4-Bromofluorobenzene | 12.408 | 95 | 39488 | 46.027 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = 92.060% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 3.885 | 43 | 2013 | 19.251 | ug/l | 91 |
| 51) 4-Methyl-2-Pentanone | 9.999 | 43 | 741 | 1.655 | ug/l # | 74 |
| 86) p-Isopropyltoluene | 13.298 | 119 | 2611 | 1.042 | ug/l | 94 |
| 95) Naphthalene | 15.145 | 128 | 1118 | 1.142 | ug/l # | 94 |

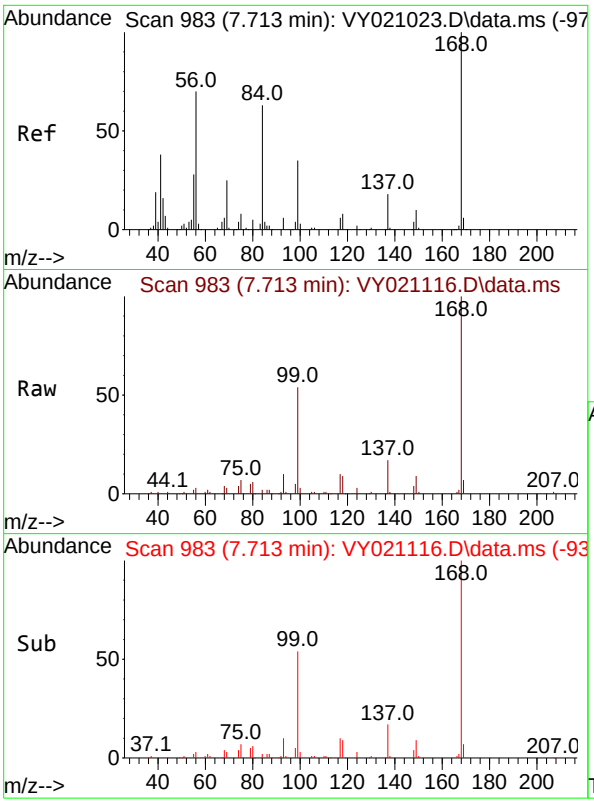
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021116.D
Acq On : 06 Feb 2025 17:08
Operator : SY/MD
Sample : Q1287-07
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
BAY-DRUMS-D

Quant Time: Feb 07 02:34:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



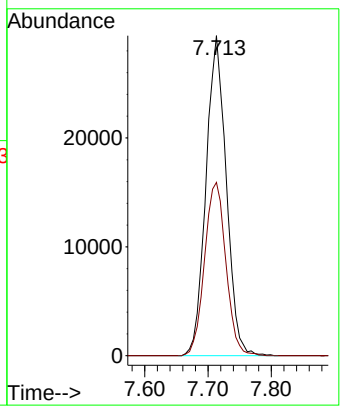


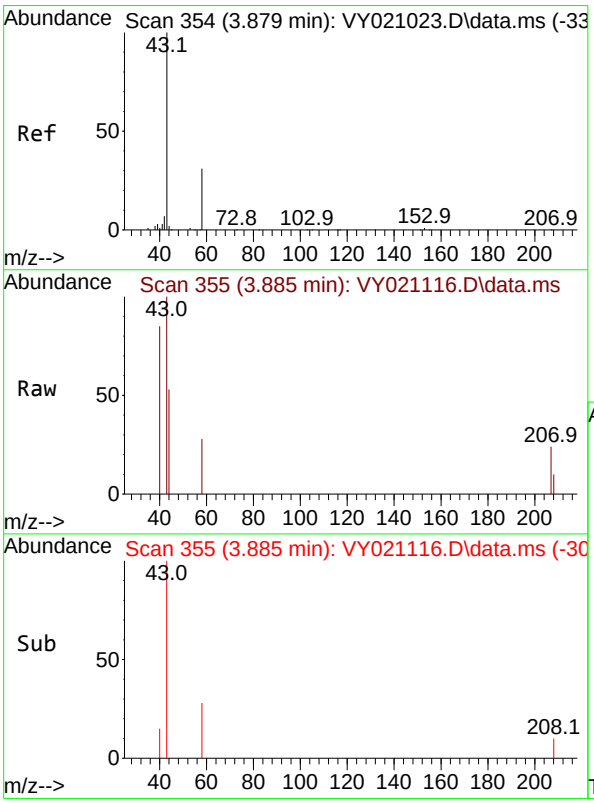

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021116.D
Acq: 06 Feb 2025 17:08

**Instrument :**
MSVOA_Y
**ClientSampleId :**
BAY-DRUMS-D

Tgt Ion:168 Resp: 65442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 54.1 | 44.2 | 66.4 |

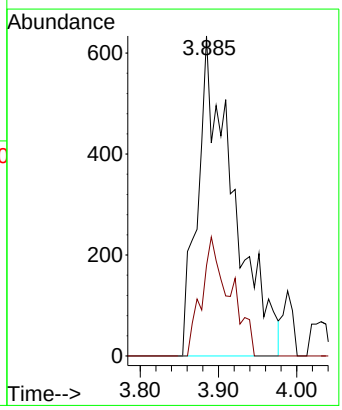


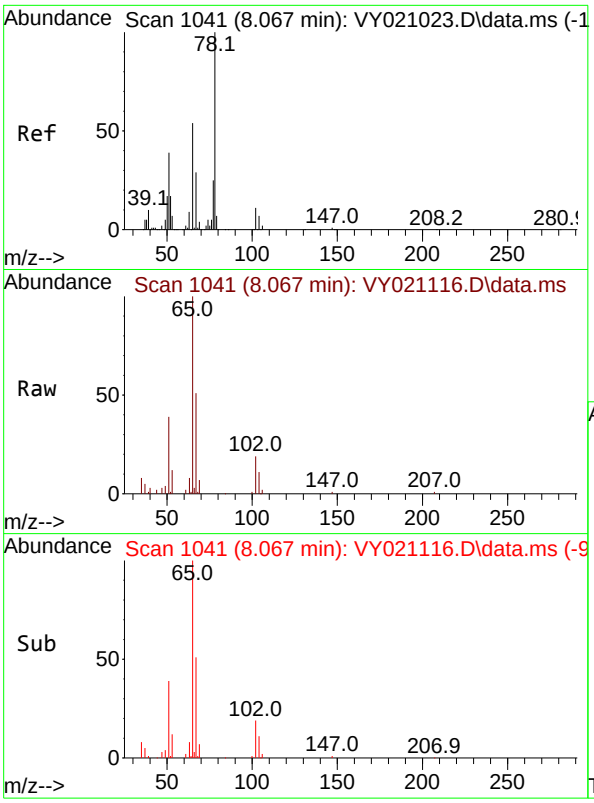




#16
Acetone
Concen: 19.251 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021116.D
Acq: 06 Feb 2025 17:08

Tgt Ion: 43 Resp: 2013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.2 | 26.6 | 39.8 |



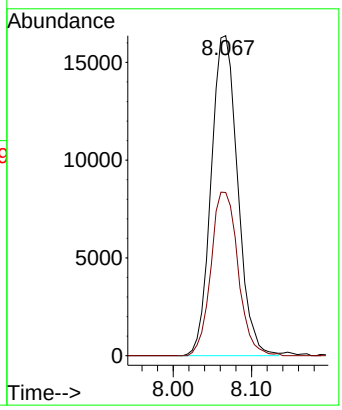


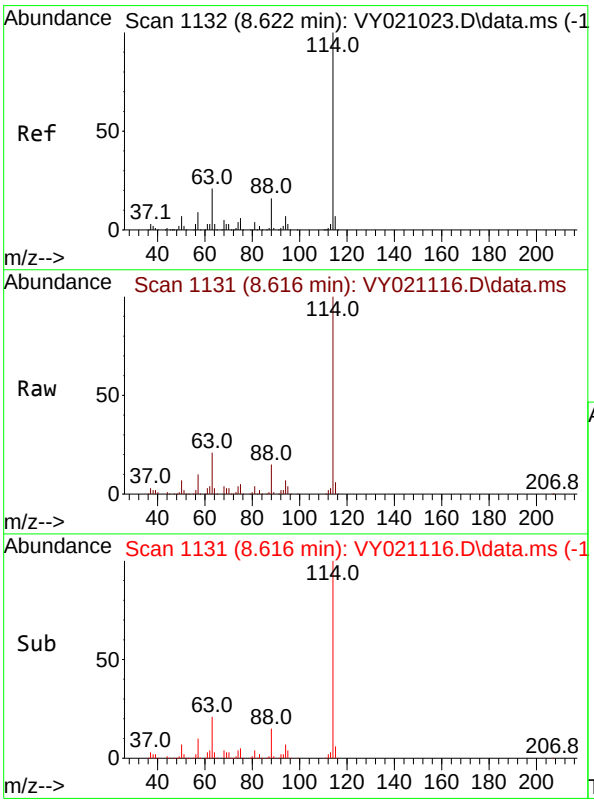

#33
1,2-Dichloroethane-d4
Concen: 57.446 ug/l
RT: 8.067 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021116.D
Acq: 06 Feb 2025 17:08

**Instrument :**
MSVOA_Y
**ClientSampleId :**
BAY-DRUMS-D

Tgt Ion: 65 Resp: 38518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.2 | 0.0 | 109.0 |

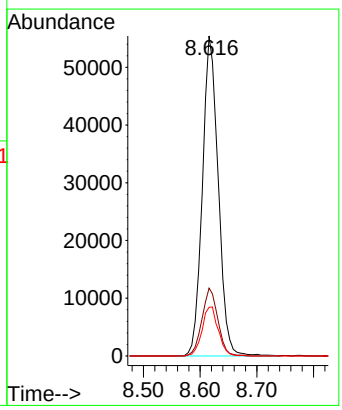


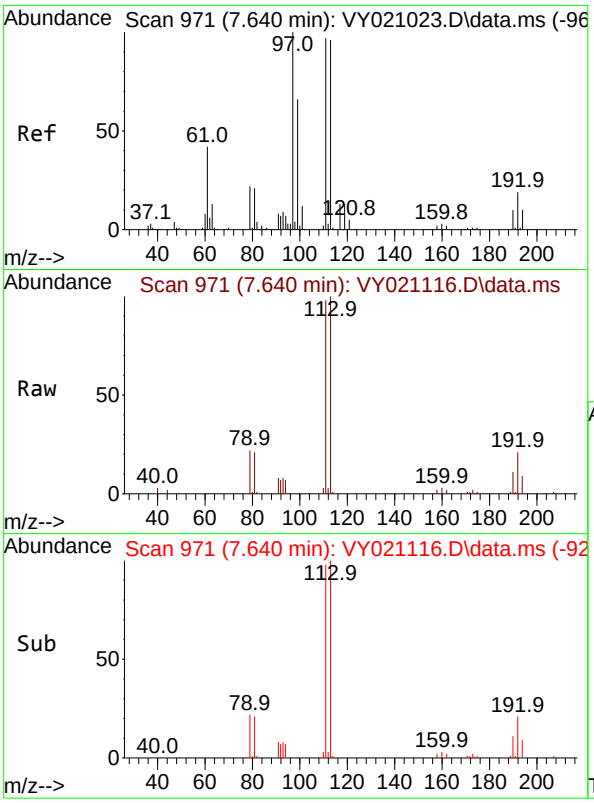




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021116.D
Acq: 06 Feb 2025 17:08

Tgt Ion:114 Resp: 107635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.2 | 0.0 | 37.4 |
| 88 | 15.2 | 0.0 | 29.0 |



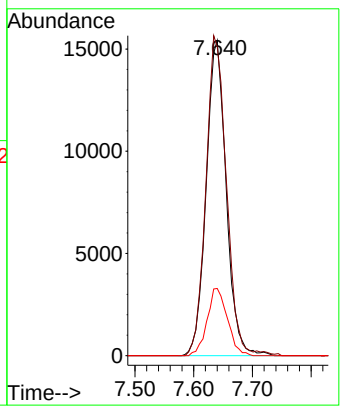


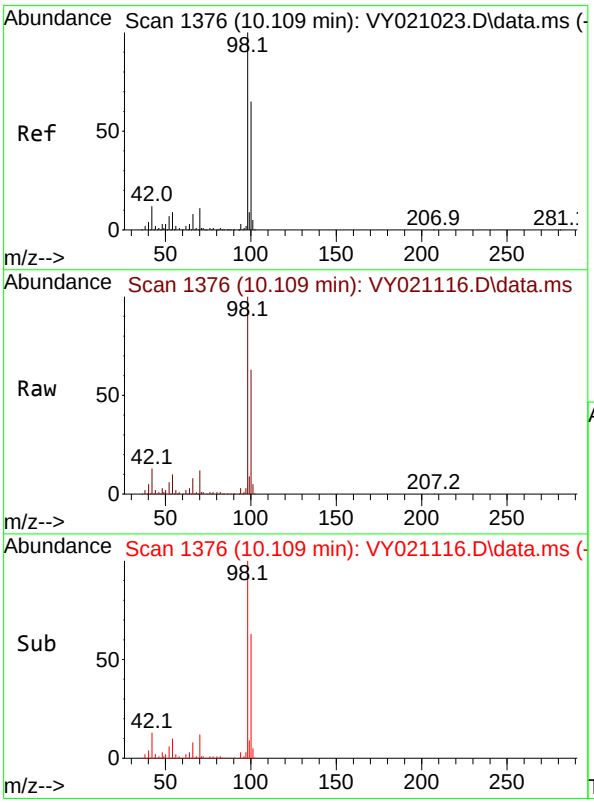

#35
Dibromofluoromethane
Concen: 52.862 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021116.D
Acq: 06 Feb 2025 17:08

**Instrument :**
MSVOA_Y
**ClientSampleId :**
BAY-DRUMS-D

Tgt Ion:113 Resp: 36464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.2 | 83.8 | 125.6 |
| 192 | 21.7 | 14.5 | 21.7 |

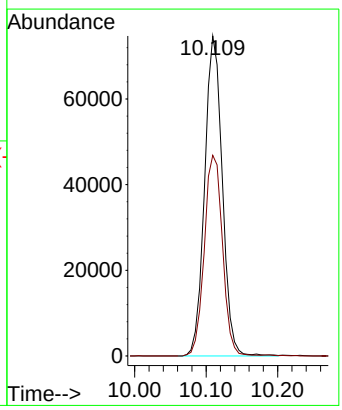


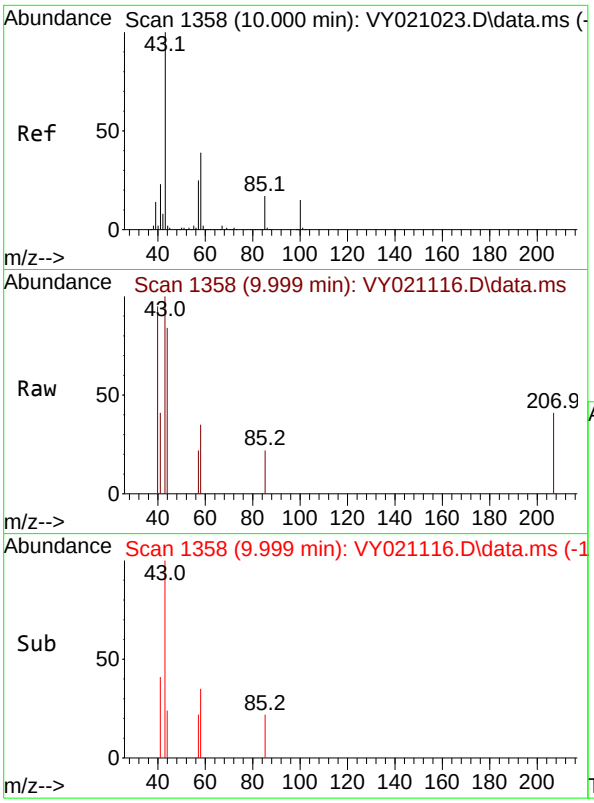




#50
Toluene-d8
Concen: 48.791 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021116.D
Acq: 06 Feb 2025 17:08

Tgt Ion: 98 Resp: 128130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.5 | 52.3 | 78.5 |



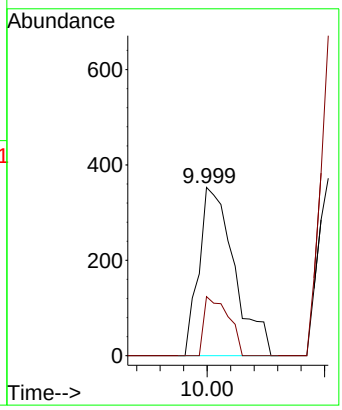


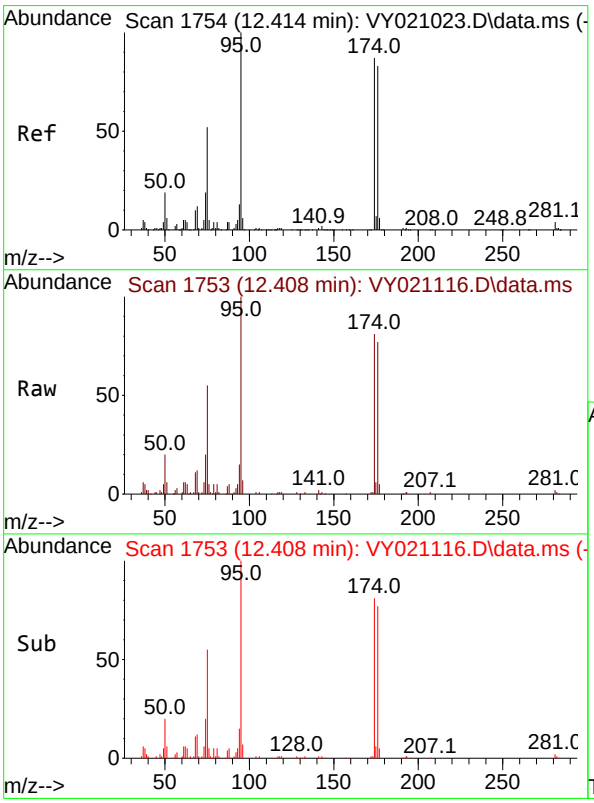

#51
4-Methyl-2-Pentanone
Concen: 1.655 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021116.D
Acq: 06 Feb 2025 17:08

**Instrument :**
MSVOA_Y
**ClientSampleId :**
BAY-DRUMS-D

Tgt Ion: 43 Resp: 741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 24.3 | 32.2 | 48.2# |

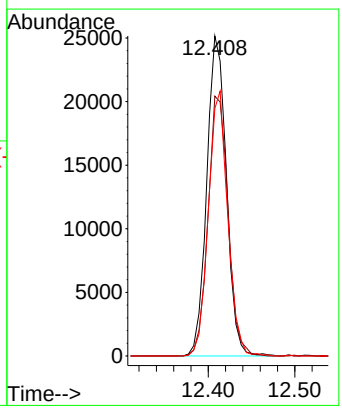


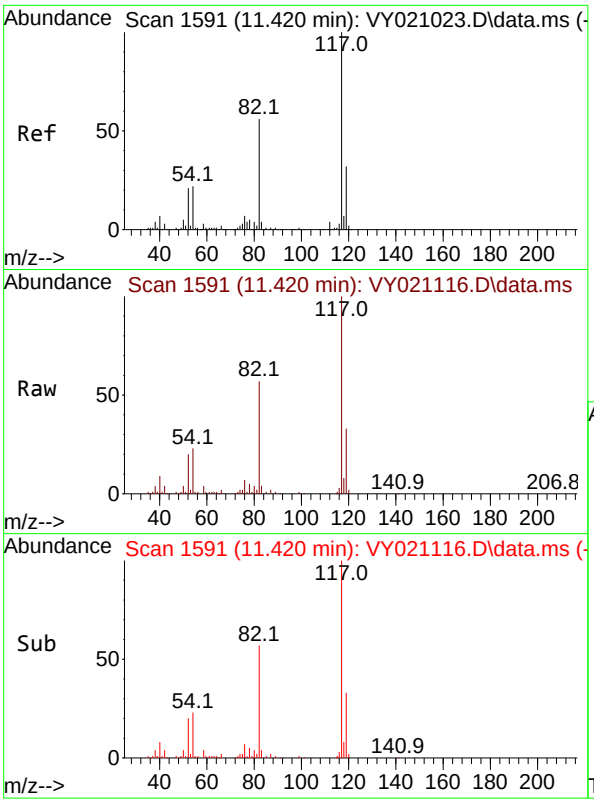




#62
4-Bromofluorobenzene
Concen: 46.027 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021116.D
Acq: 06 Feb 2025 17:08

Tgt Ion: 95 Resp: 39488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 83.3 | 0.0 | 160.0 |
| 176 | 81.7 | 0.0 | 151.8 |



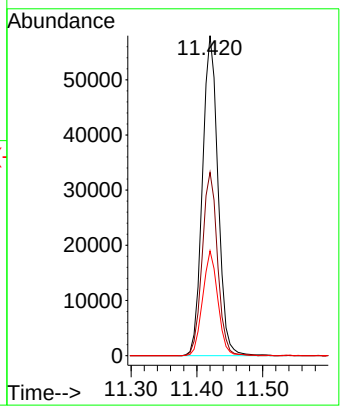


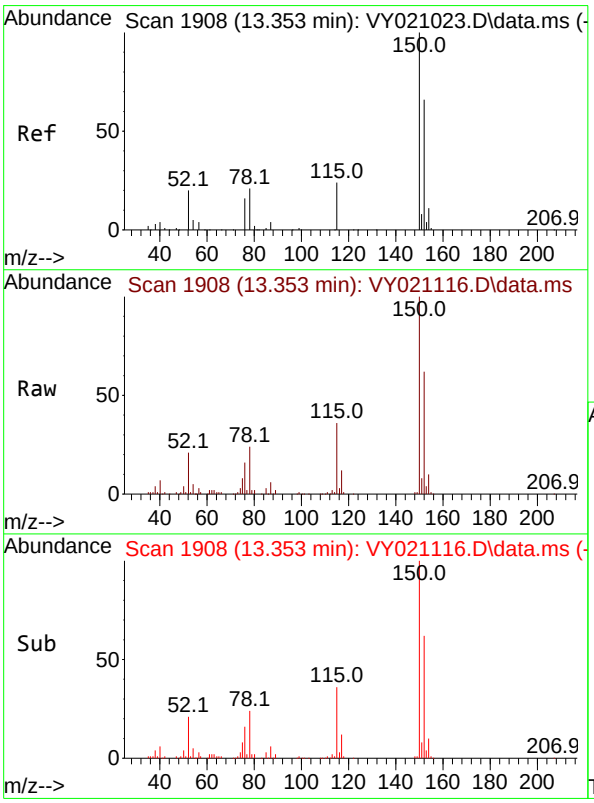

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021116.D
Acq: 06 Feb 2025 17:08

**Instrument :**
MSVOA_Y
**ClientSampleId :**
BAY-DRUMS-D

Tgt Ion:117 Resp: 95561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.3 | 43.8 | 65.8 |
| 119 | 32.7 | 26.5 | 39.7 |

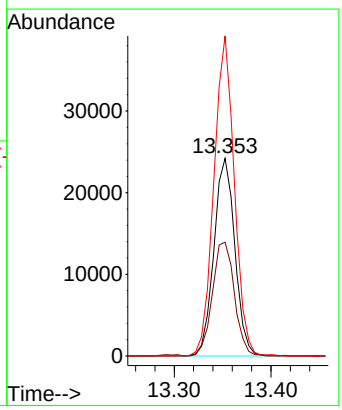


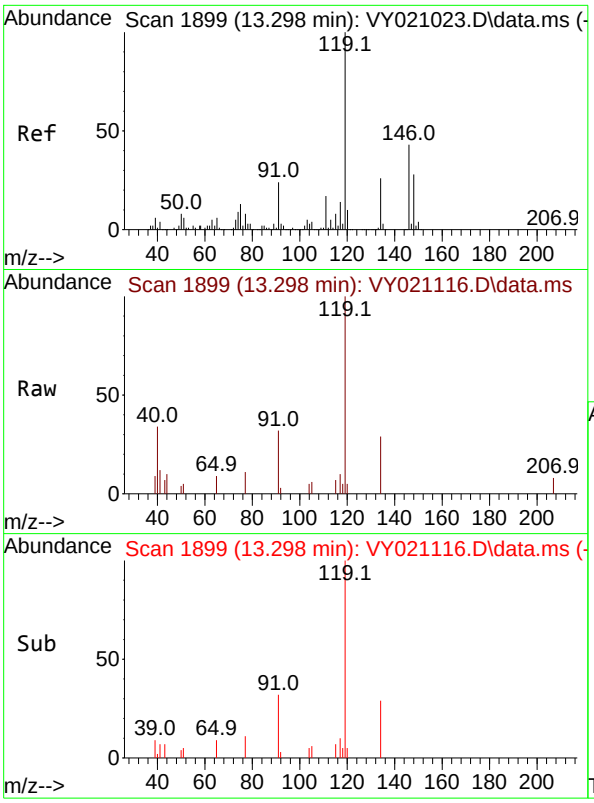




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021116.D
Acq: 06 Feb 2025 17:08

Tgt Ion:152 Resp: 36404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.5 | 30.0 | 90.0 |
| 150 | 157.9 | 0.0 | 344.6 |



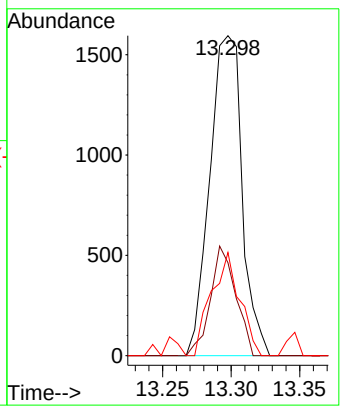


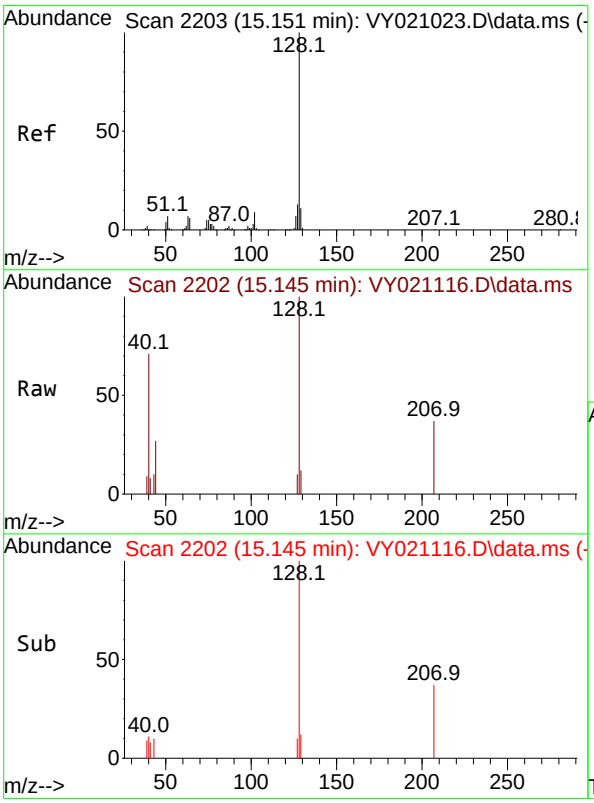

#86
p-Isopropyltoluene
Concen: 1.042 ug/l
RT: 13.298 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021116.D
Acq: 06 Feb 2025 17:08

**Instrument :**
MSVOA_Y
**ClientSampleId :**
BAY-DRUMS-D

Tgt Ion:119 Resp: 2611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.9 | 13.1 | 39.1 |
| 91 | 28.4 | 11.7 | 35.0 |




#95
Naphthalene
Concen: 1.142 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.006 min
Lab File: VY021116.D
Acq: 06 Feb 2025 17:08

Tgt Ion:128 Resp: 1118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 8.5 | 10.2 | 15.4# |
| 129 | 10.3 | 8.6 | 12.8 |