Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
Data File : VX032389.D
Acq On : 26 Oct 2022 01:19
Operator : JC/MD
Sample : N5267-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
TP2-1024

Quant Time: Oct 27 14:21:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 22 04:56:40 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.556 | 168 | 127897 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 207089 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 183790 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 84536 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.958 | 65 | 84297 | 50.665 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 101.340% | | | |
| 35) Dibromofluoromethane | 5.385 | 113 | 66749 | 46.319 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 92.640% | | | |
| 50) Toluene-d8 | 8.653 | 98 | 246920 | 47.600 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 95.200% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 84311 | 44.385 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 88.760% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 2.380 | 43 | 14442 | 26.747 | ug/l | 99 |
| 20) Methylene Chloride | 2.794 | 84 | 6647 | 4.794 | ug/l | 97 |
| 37) Ethyl Acetate | 4.721 | 43 | 14464 | 7.969 | ug/l | 99 |
| 43) Isopropyl Acetate | 6.342 | 43 | 66725 | 23.423 | ug/l | 100 |
| 95) Naphthalene | 13.780 | 128 | 9857 | 1.692 | ug/l | 96 |

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

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TP2-1024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
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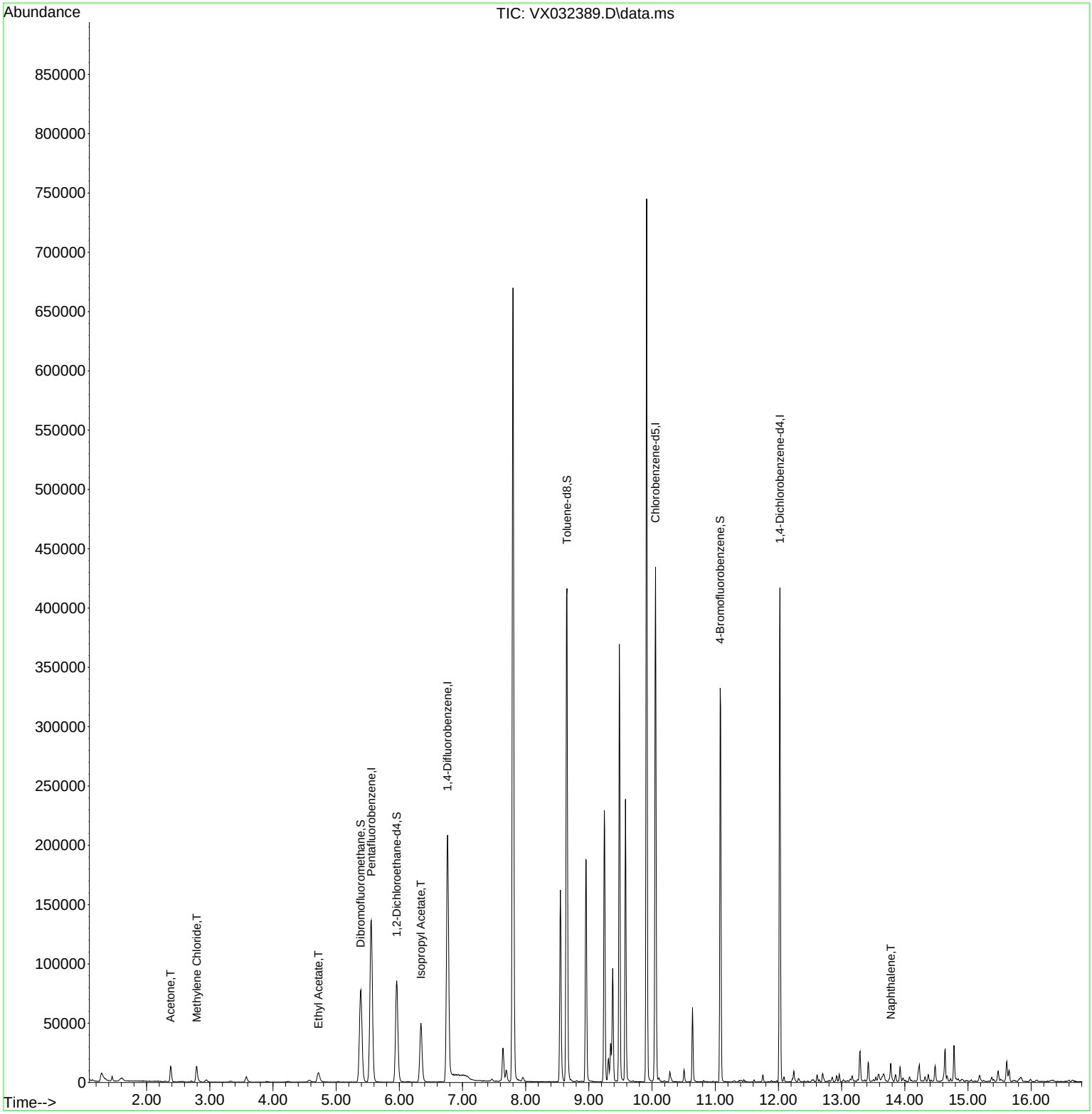
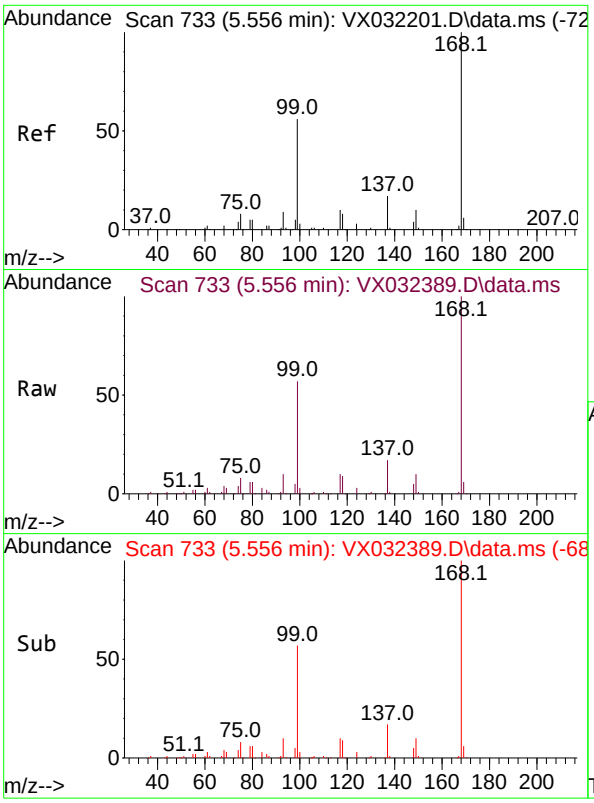


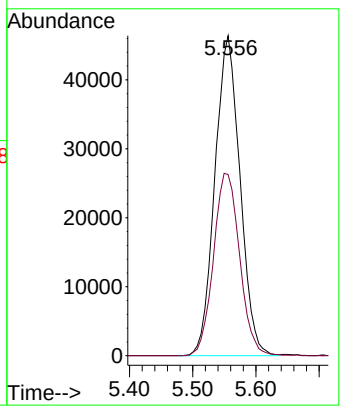


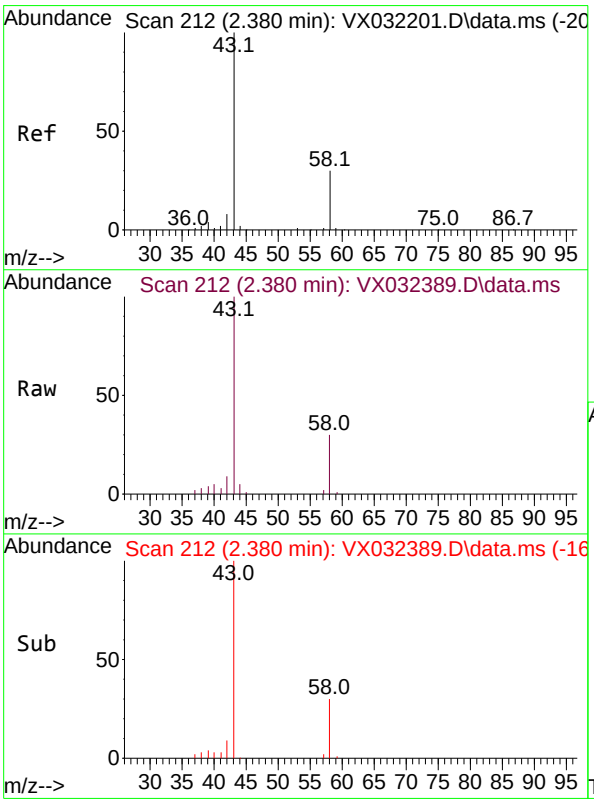

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX032389.D
Acq: 26 Oct 2022 01:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
TP2-1024

Tgt Ion:168 Resp: 127897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 56.6 | 44.8 | 67.2 |

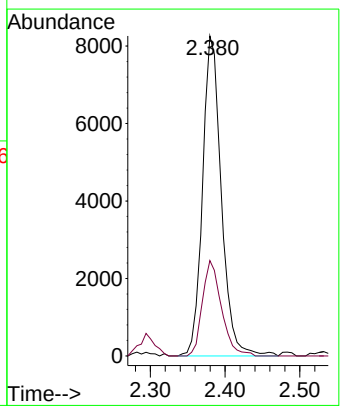


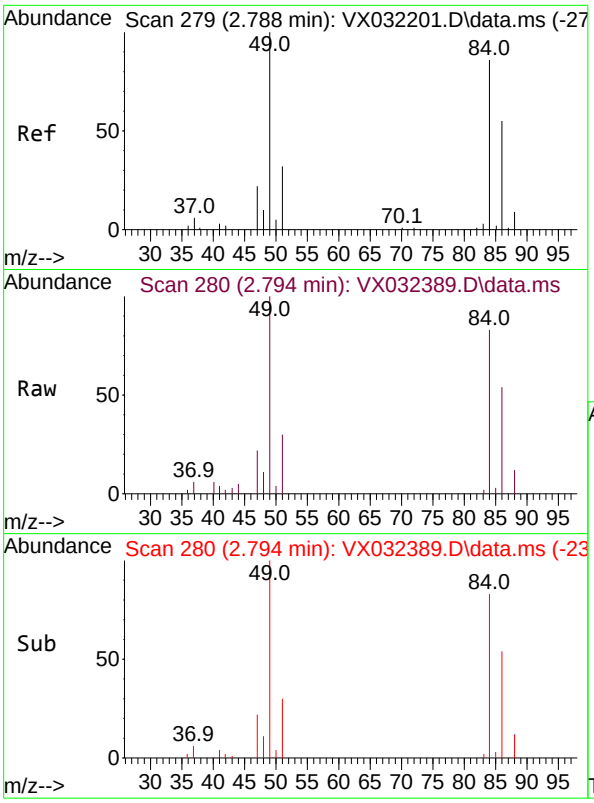




#16
Acetone
Concen: 26.747 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032389.D
Acq: 26 Oct 2022 01:19

Tgt Ion: 43 Resp: 14442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.8 | 24.2 | 36.2 |



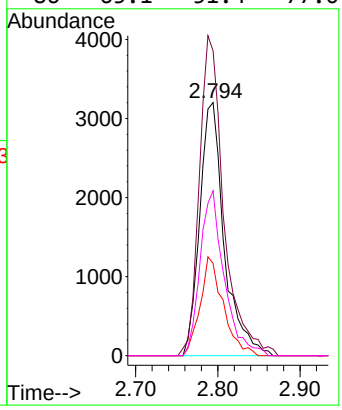


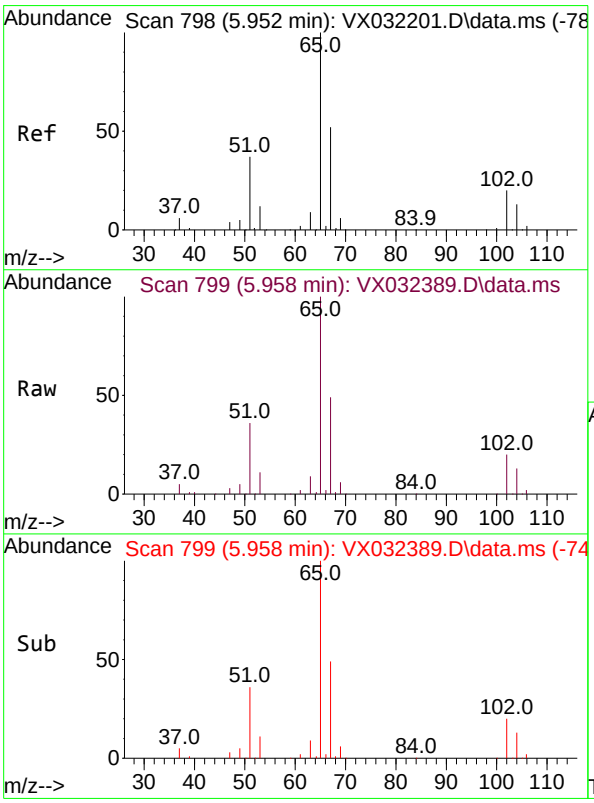

#20
Methylene Chloride
Concen: 4.794 ug/l
RT: 2.794 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX032389.D
Acq: 26 Oct 2022 01:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
TP2-1024

Tgt Ion: 84 Resp: 6647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 120.4 | 92.6 | 139.0 |
| 51 | 36.5 | 29.2 | 43.8 |
| 86 | 65.1 | 51.4 | 77.0 |

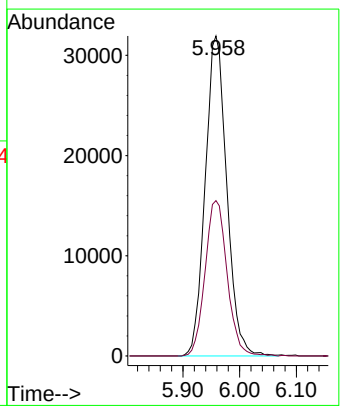


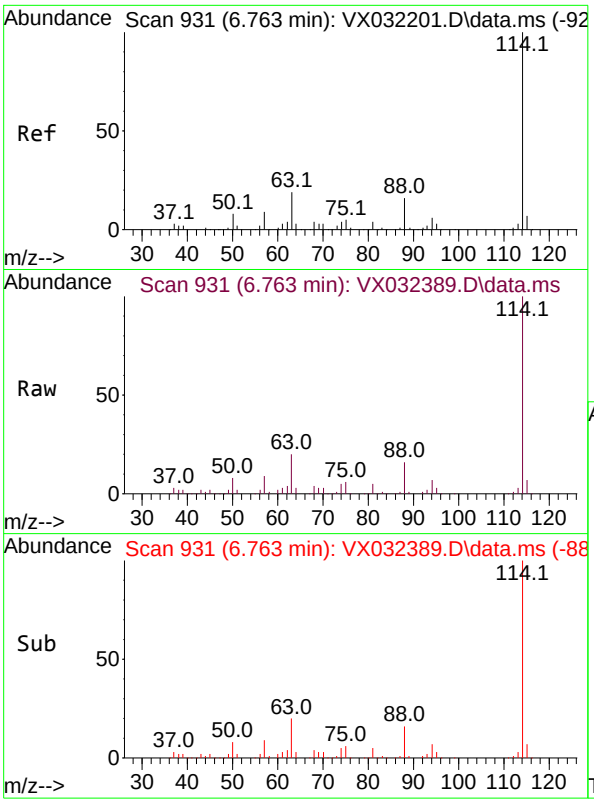




#33
1,2-Dichloroethane-d4
Concen: 50.665 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032389.D
Acq: 26 Oct 2022 01:19

Tgt Ion: 65 Resp: 84297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 49.7 | 0.0 | 103.6 |



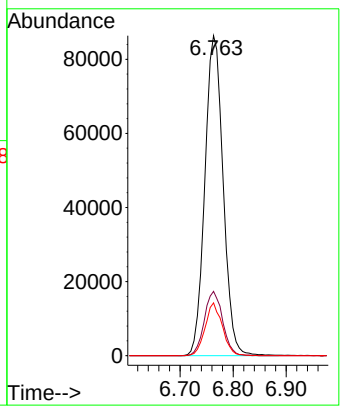


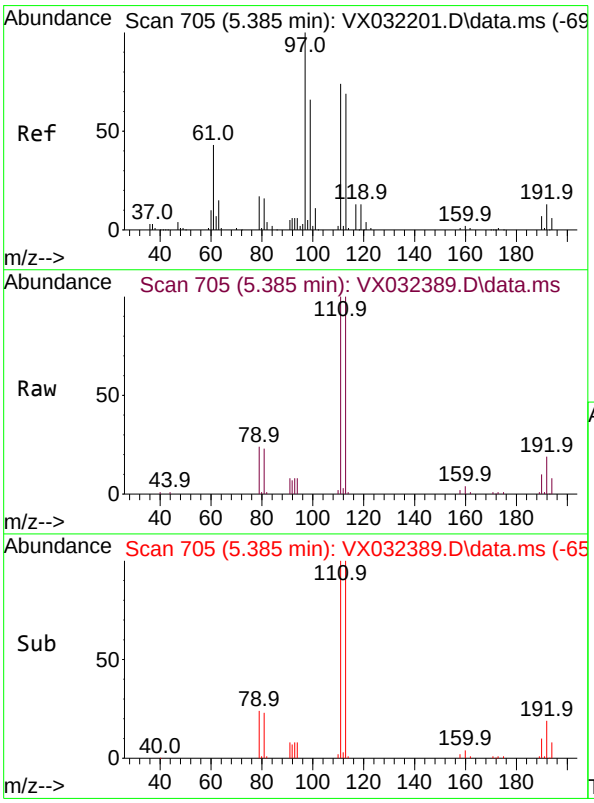

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX032389.D
Acq: 26 Oct 2022 01:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
TP2-1024

Tgt Ion:114 Resp: 207089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.1 | 0.0 | 38.6 |
| 88 | 16.5 | 0.0 | 32.6 |

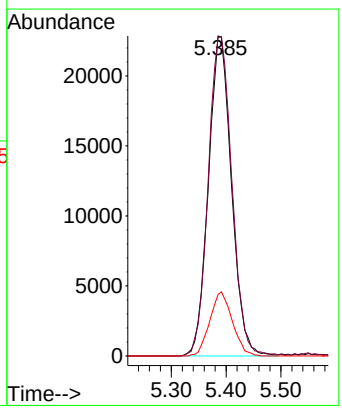


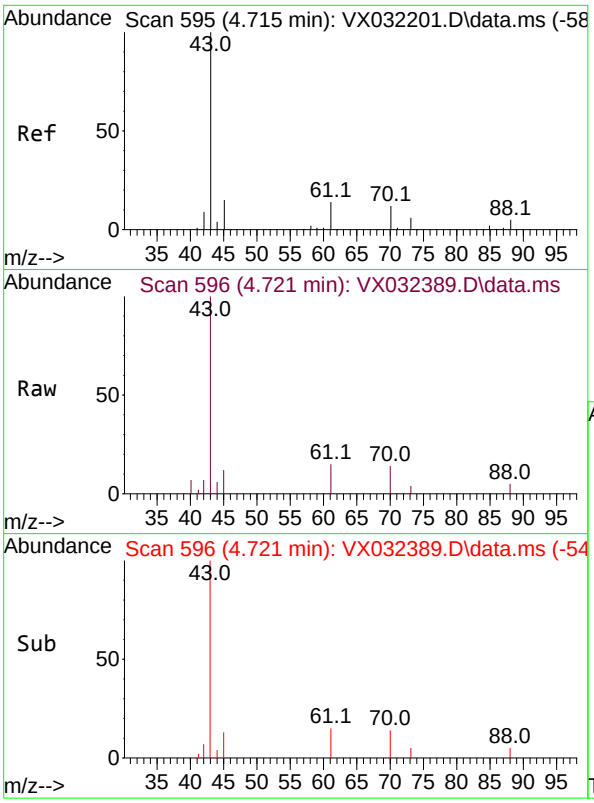




#35
Dibromofluoromethane
Concen: 46.319 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032389.D
Acq: 26 Oct 2022 01:19

Tgt Ion:113 Resp: 66749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.5 | 82.8 | 124.2 |
| 192 | 19.5 | 15.5 | 23.3 |



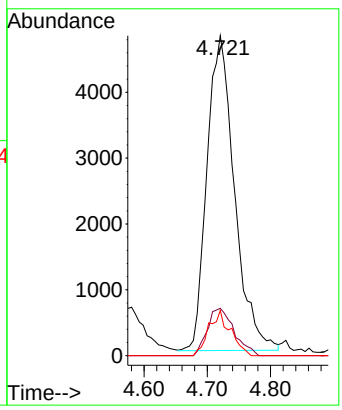


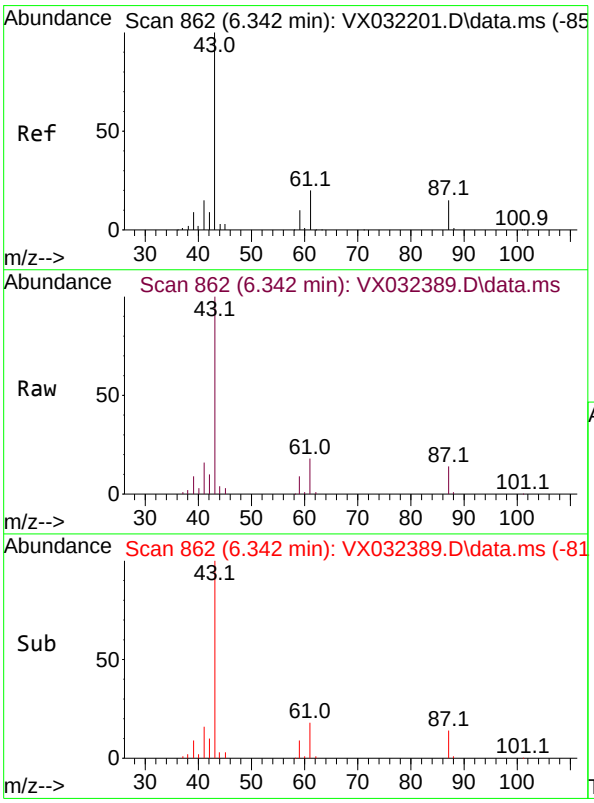

#37
Ethyl Acetate
Concen: 7.969 ug/l
RT: 4.721 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX032389.D
Acq: 26 Oct 2022 01:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
TP2-1024

Tgt Ion: 43 Resp: 14464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.6 | 11.4 | 17.2 |
| 70 | 11.2 | 8.8 | 13.2 |

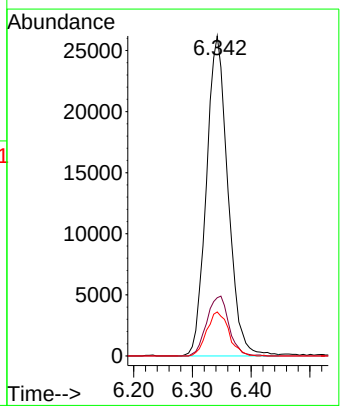


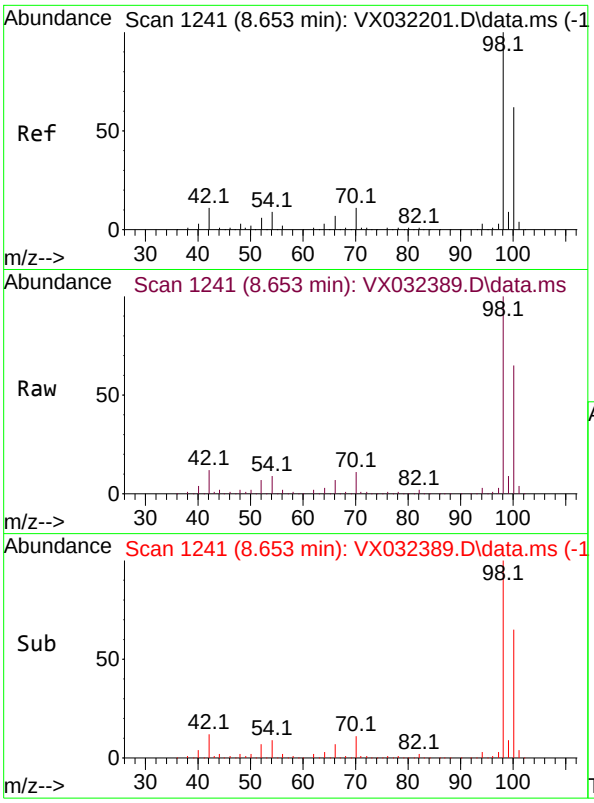




#43
Isopropyl Acetate
Concen: 23.423 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032389.D
Acq: 26 Oct 2022 01:19

Tgt Ion: 43 Resp: 66725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 19.2 | 15.5 | 23.3 |
| 87 | 14.1 | 11.0 | 16.6 |



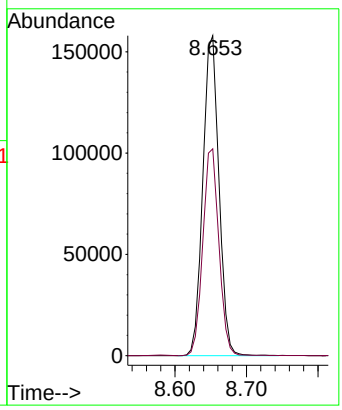


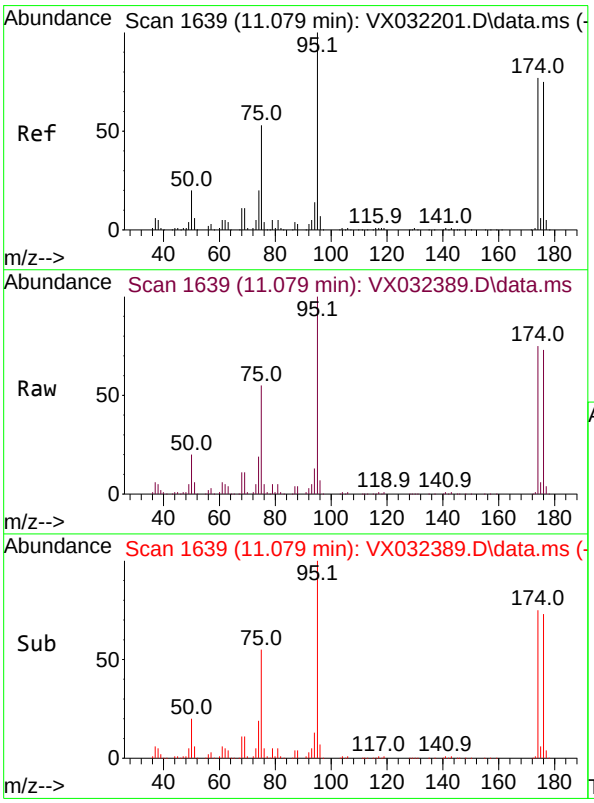

#50
Toluene-d8
Concen: 47.600 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032389.D
Acq: 26 Oct 2022 01:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
TP2-1024

Tgt Ion: 98 Resp: 246920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.7 | 50.7 | 76.1 |

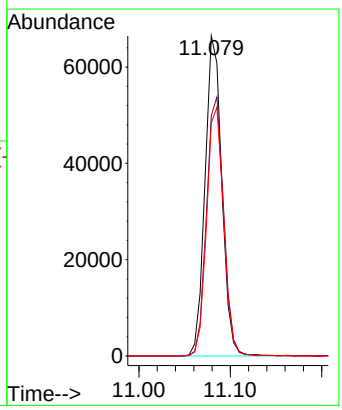


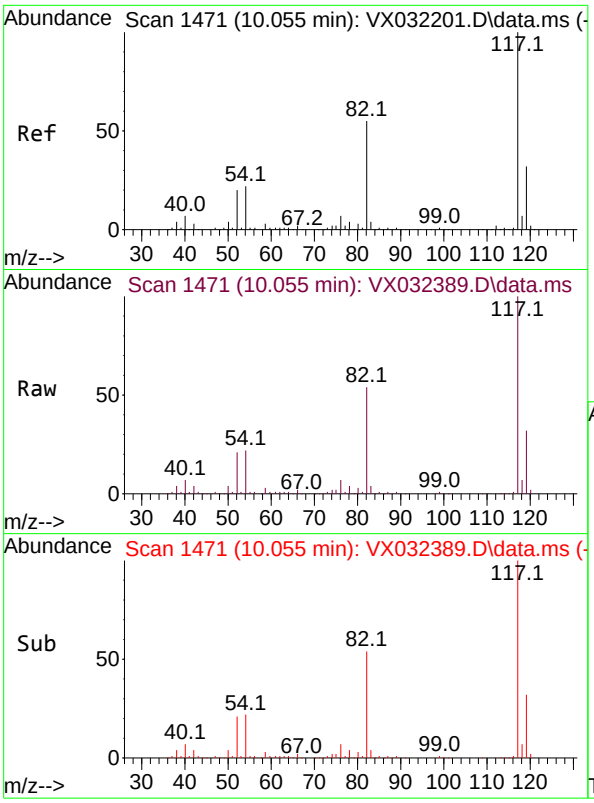




#62
4-Bromofluorobenzene
Concen: 44.385 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032389.D
Acq: 26 Oct 2022 01:19

Tgt Ion: 95 Resp: 84311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 83.1 | 0.0 | 166.8 |
| 176 | 79.0 | 0.0 | 161.4 |



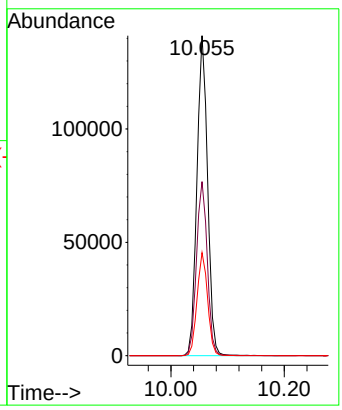


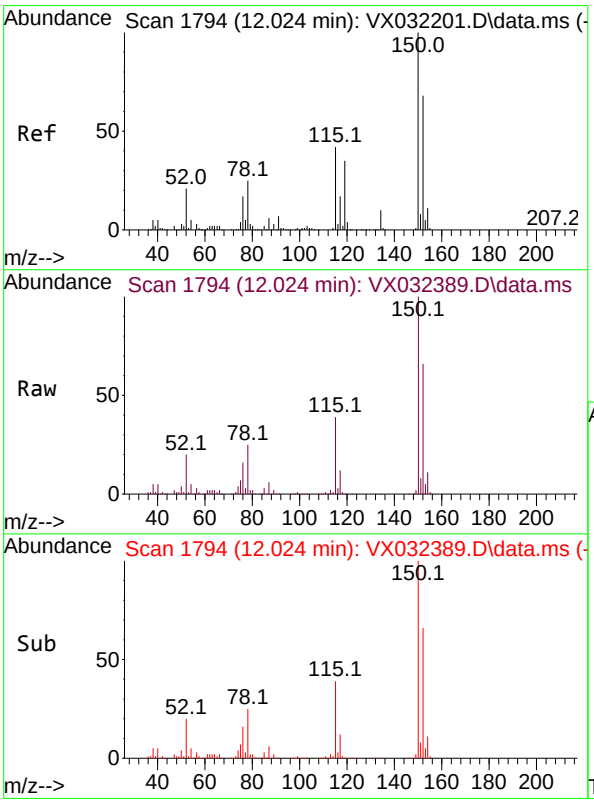

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX032389.D
Acq: 26 Oct 2022 01:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
TP2-1024

Tgt Ion:117 Resp: 183790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.4 | 44.2 | 66.4 |
| 119 | 32.2 | 25.8 | 38.8 |

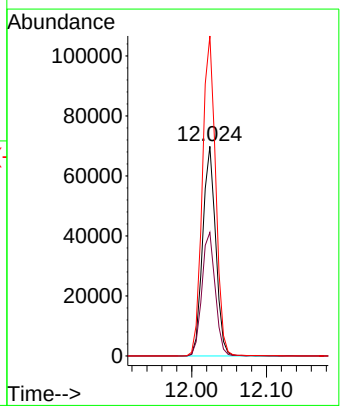


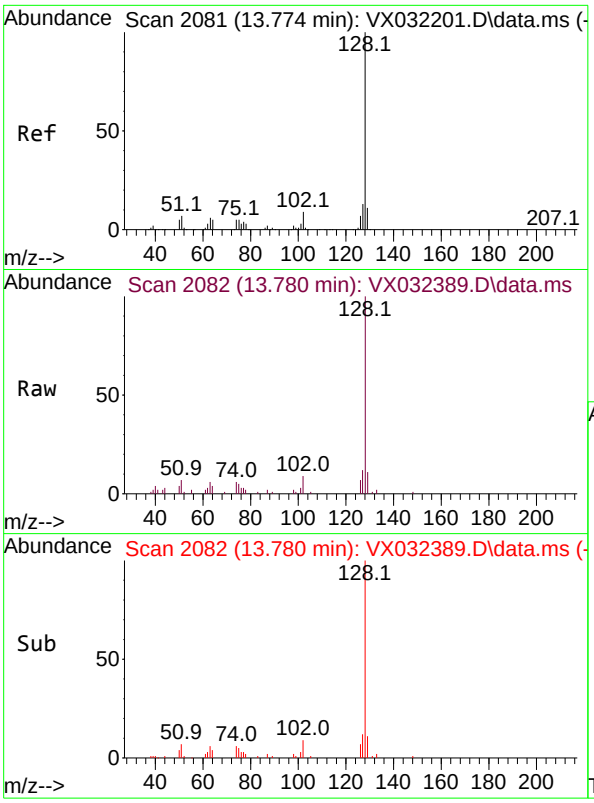




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032389.D
Acq: 26 Oct 2022 01:19

Tgt Ion:152 Resp: 84536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.4 | 43.1 | 129.4 |
| 150 | 156.2 | 0.0 | 348.6 |






#95
Naphthalene
Concen: 1.692 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX032389.D
Acq: 26 Oct 2022 01:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
TP2-1024

Tgt Ion:128 Resp: 9857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.2 | 10.3 | 15.5 |
| 129 | 13.0 | 8.7 | 13.1 |