Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
Data File : VX032270.D
Acq On : 20 Oct 2022 18:00
Operator : JC/MD
Sample : N5185-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-02

Quant Time: Oct 21 02:15:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 19 16:51:09 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.550 | 168 | 155413 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 238628 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 208269 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 97587 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.952 | 65 | 98639 | 48.789 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = | 97.580% | | |
| 35) Dibromofluoromethane | 5.391 | 113 | 74303 | 44.746 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = | 89.500% | | |
| 50) Toluene-d8 | 8.647 | 98 | 282722 | 47.298 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = | 94.600% | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 99666 | 45.534 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = | 91.060% | | |
| Target Compounds | | | | | | Qvalue |
| 19) Methyl tert-butyl Ether | 3.111 | 73 | 12156 | 2.543 | ug/l # | 9 |
| 40) Benzene | 6.043 | 78 | 9421 | 1.522 | ug/l | 91 |
| 67) Ethyl Benzene | 10.195 | 91 | 26263 | 3.474 | ug/l | 99 |
| 73) Isopropylbenzene | 10.963 | 105 | 2934 | 0.421 | ug/l | 99 |
| 78) n-propylbenzene | 11.305 | 91 | 3794 | 0.476 | ug/l | 95 |

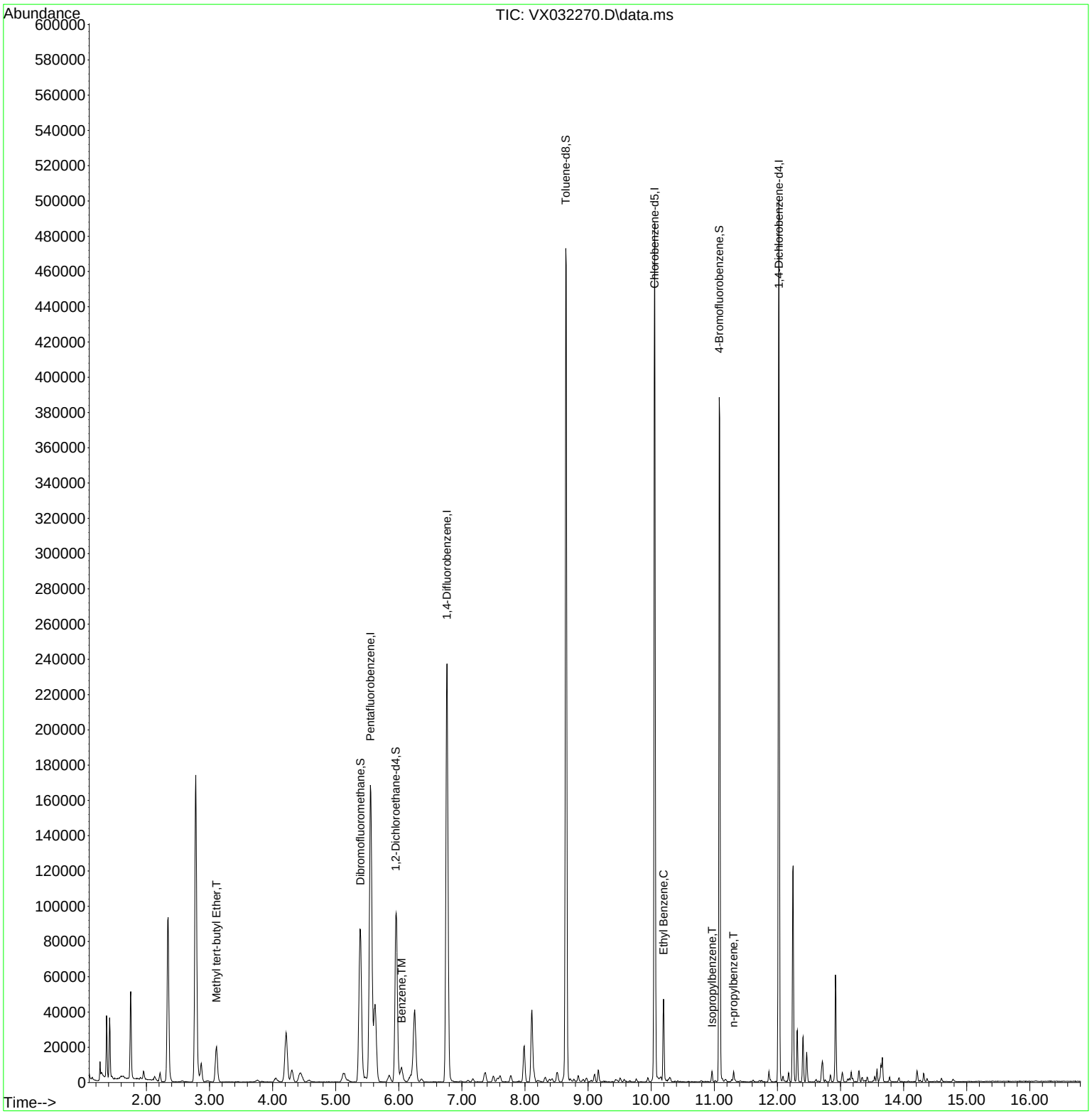
(#) = qualifier out of range (m) = manual integration (+) = signals summed

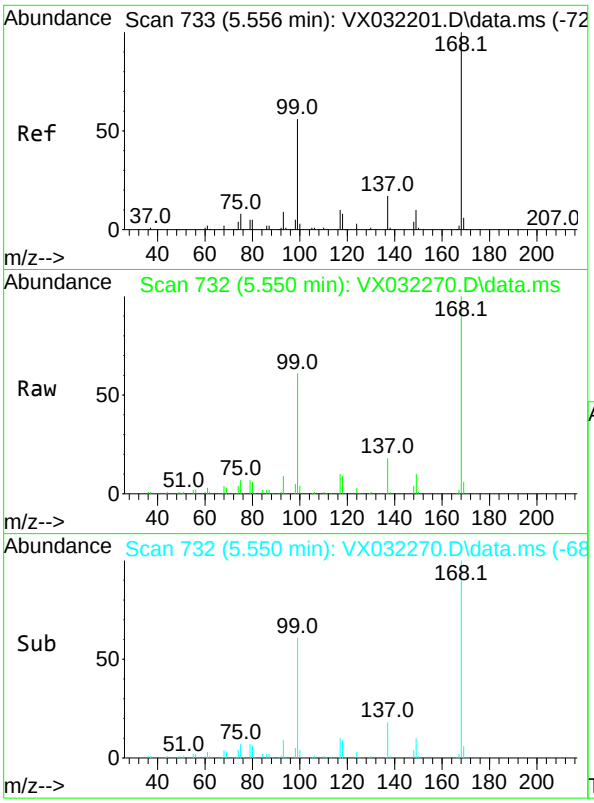
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
Data File : VX032270.D
Acq On : 20 Oct 2022 18:00
Operator : JC/MD
Sample : N5185-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-02

Quant Time: Oct 21 02:15:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 19 16:51:09 2022
Response via : Initial Calibration



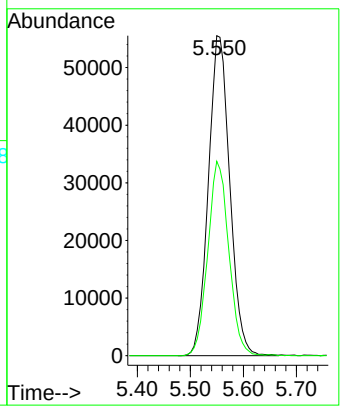


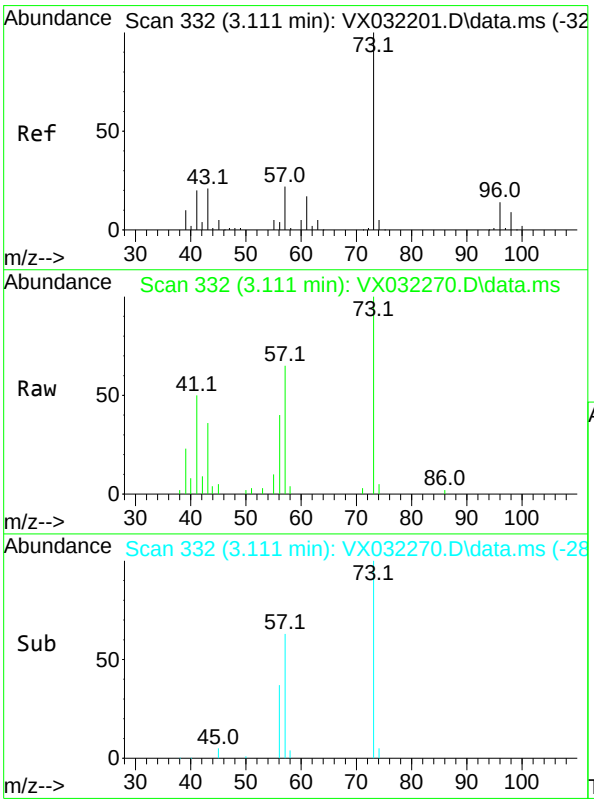

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX032270.D
Acq: 20 Oct 2022 18:00

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-02

Tgt Ion:168 Resp: 155413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 60.8 | 44.8 | 67.2 |

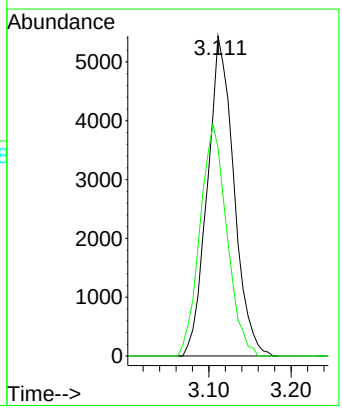


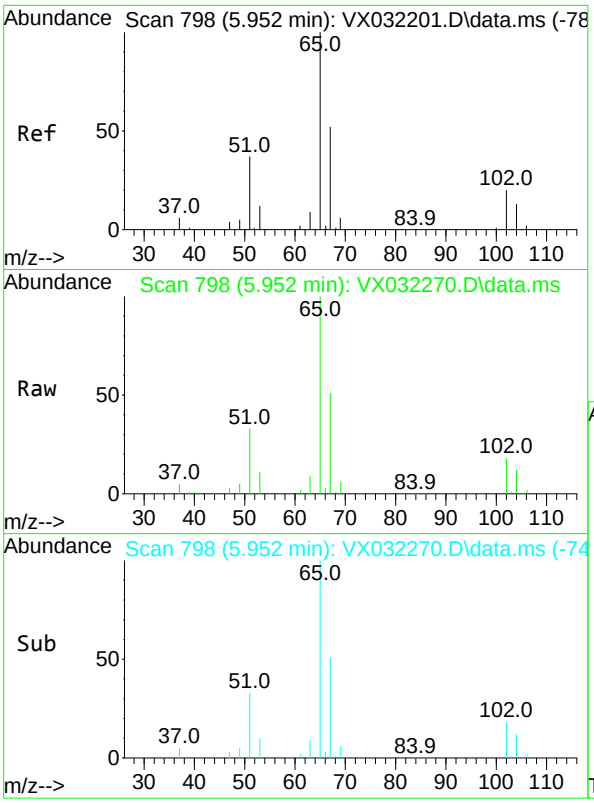




#19
Methyl tert-butyl Ether
Concen: 2.543 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032270.D
Acq: 20 Oct 2022 18:00

Tgt Ion: 73 Resp: 12156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 65.1 | 17.4 | 26.2# |



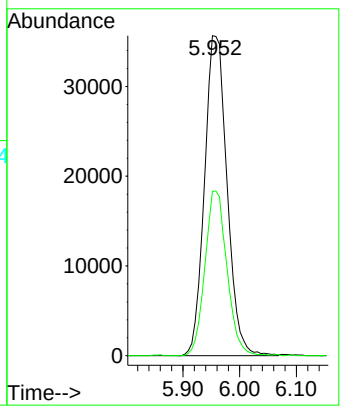


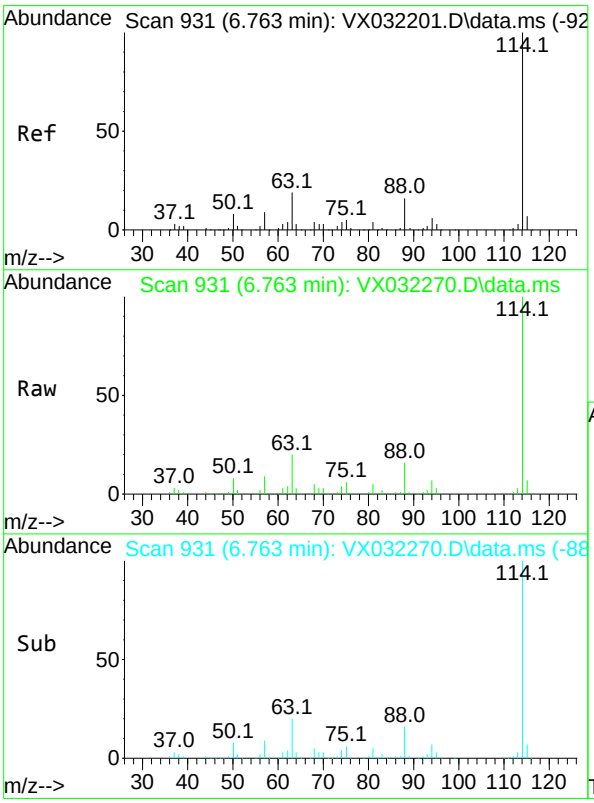

#33
1,2-Dichloroethane-d4
Concen: 48.789 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX032270.D
Acq: 20 Oct 2022 18:00

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-02

Tgt Ion: 65 Resp: 98639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.3 | 0.0 | 103.6 |

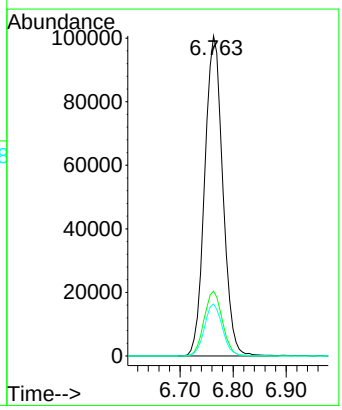


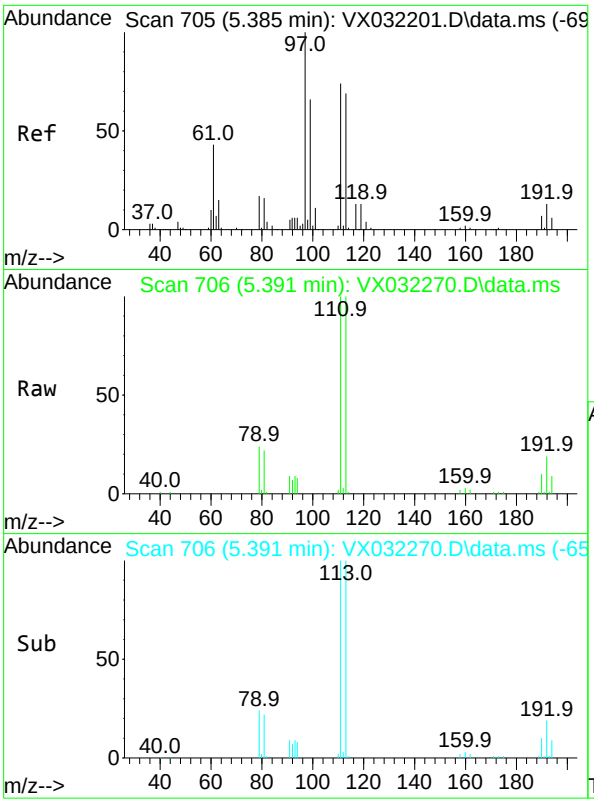




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX032270.D
Acq: 20 Oct 2022 18:00

Tgt Ion:114 Resp: 238628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.2 | 0.0 | 38.6 |
| 88 | 16.3 | 0.0 | 32.6 |



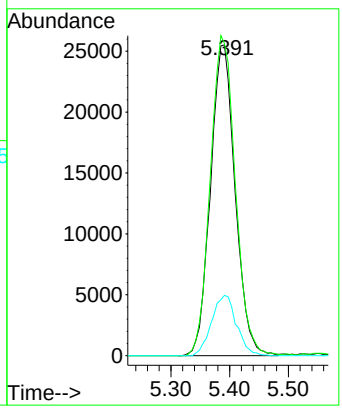


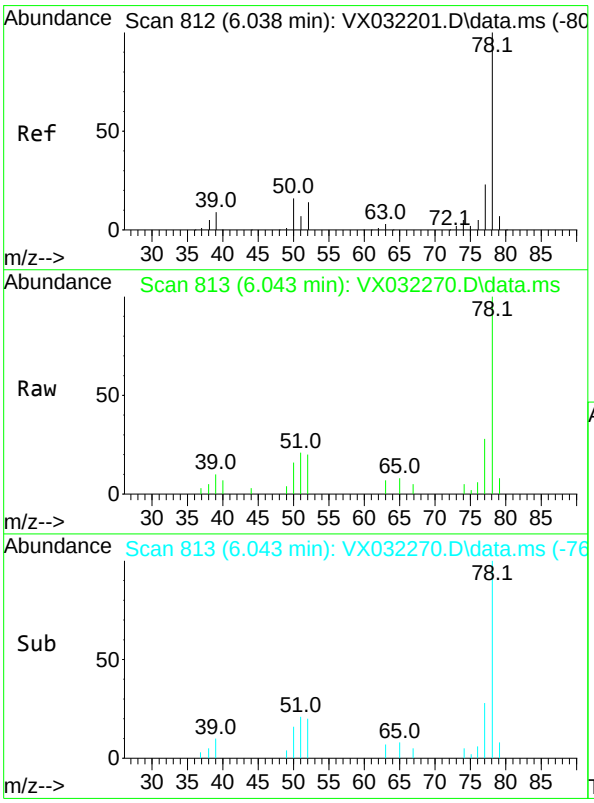

#35
Dibromofluoromethane
Concen: 44.746 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX032270.D
Acq: 20 Oct 2022 18:00

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-02

Tgt Ion:113 Resp: 74303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.7 | 82.8 | 124.2 |
| 192 | 19.7 | 15.5 | 23.3 |

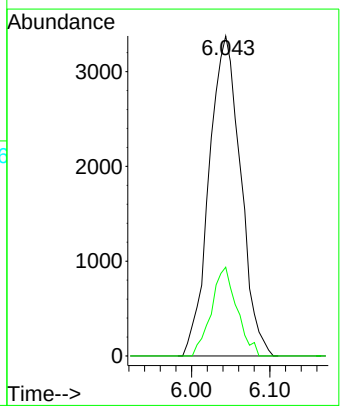


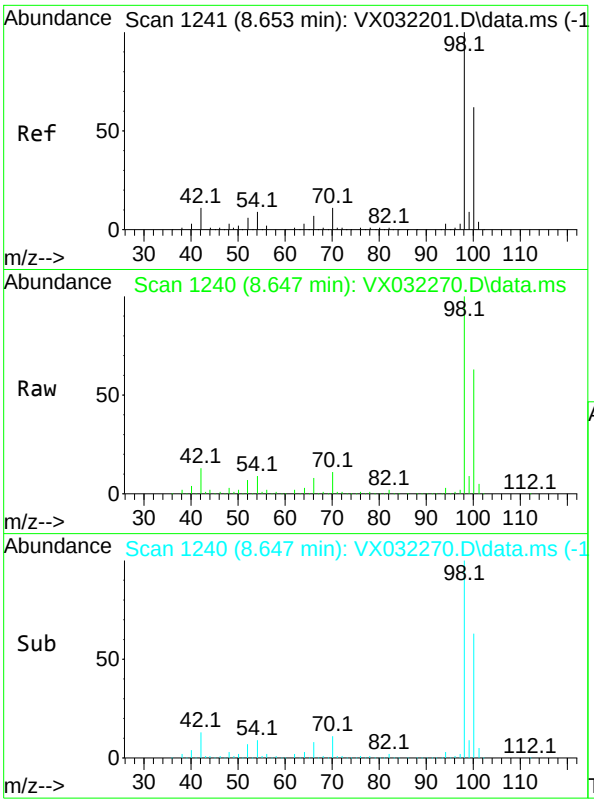




#40
Benzene
Concen: 1.522 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.005 min
Lab File: VX032270.D
Acq: 20 Oct 2022 18:00

Tgt Ion: 78 Resp: 9421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 27.8 | 18.6 | 27.8 |



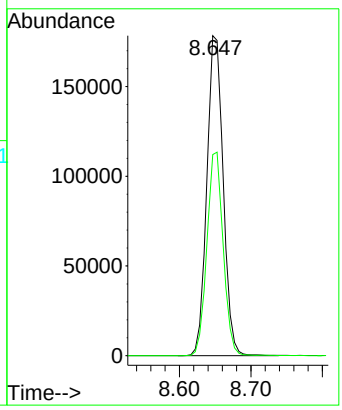


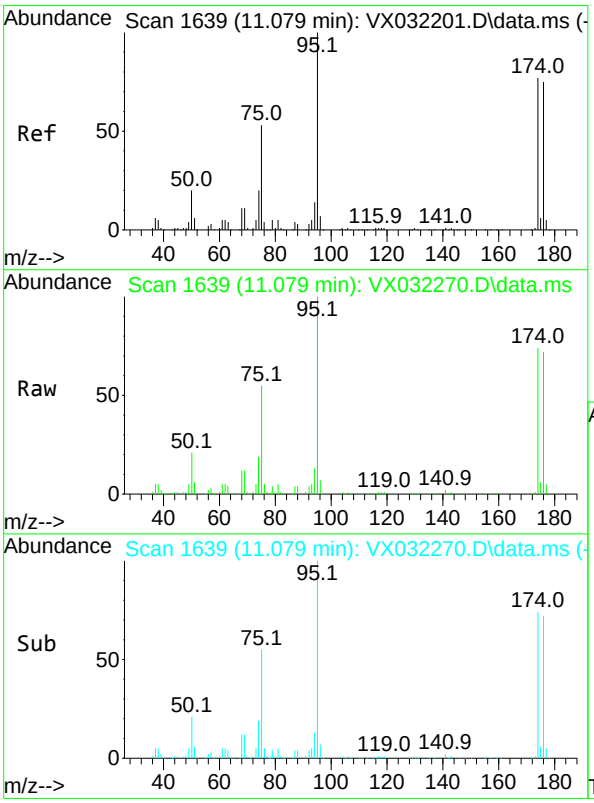

#50
Toluene-d8
Concen: 47.298 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX032270.D
Acq: 20 Oct 2022 18:00

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-02

Tgt Ion: 98 Resp: 282722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.4 | 50.7 | 76.1 |

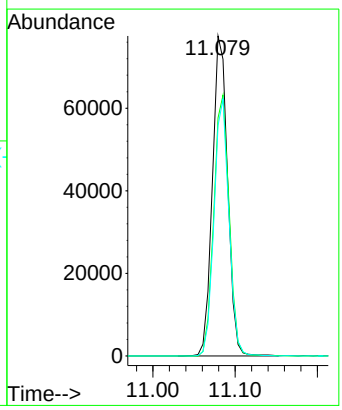


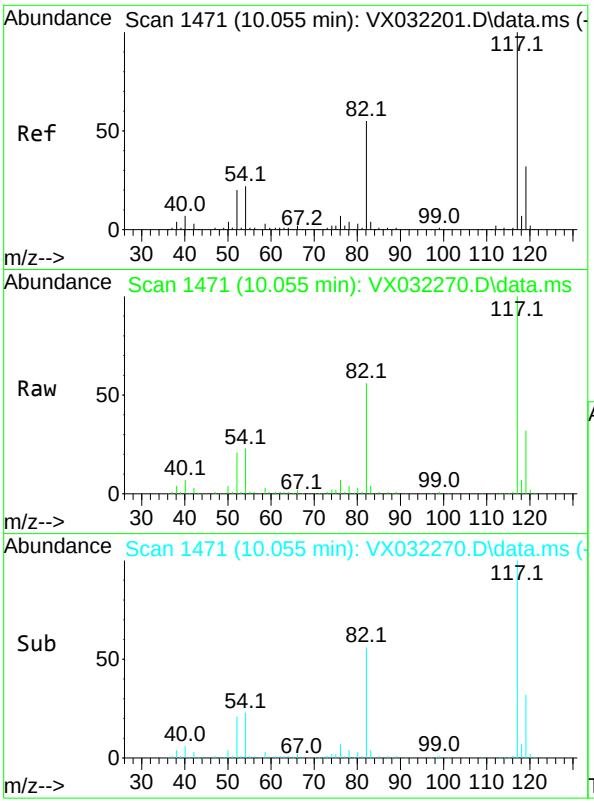




#62
4-Bromofluorobenzene
Concen: 45.534 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032270.D
Acq: 20 Oct 2022 18:00

Tgt Ion: 95 Resp: 99666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 82.2 | 0.0 | 166.8 |
| 176 | 78.5 | 0.0 | 161.4 |



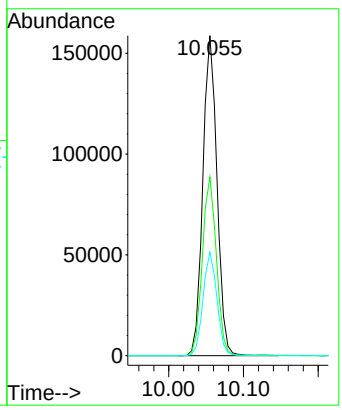


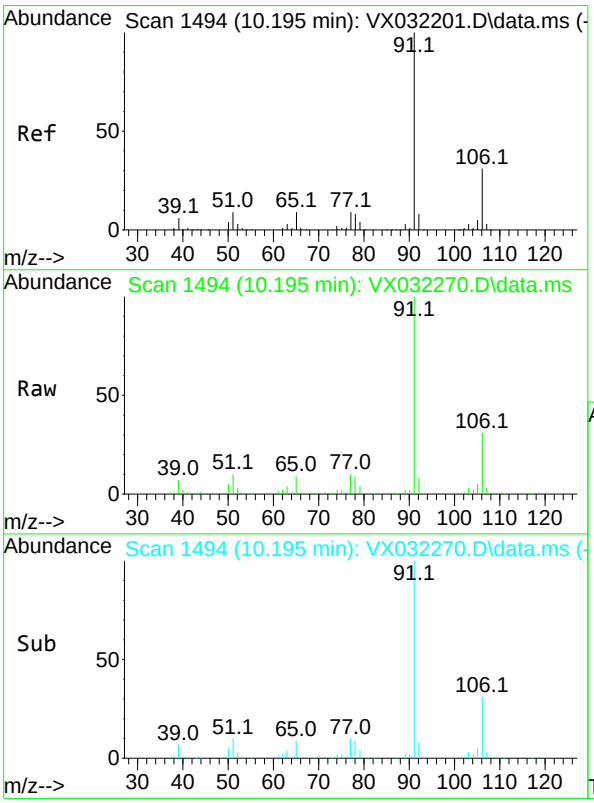

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX032270.D
Acq: 20 Oct 2022 18:00

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-02

Tgt Ion:117 Resp: 208269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.8 | 44.2 | 66.4 |
| 119 | 32.3 | 25.8 | 38.8 |

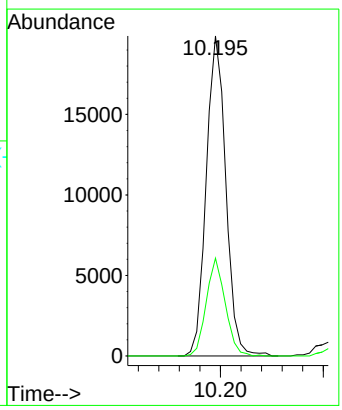


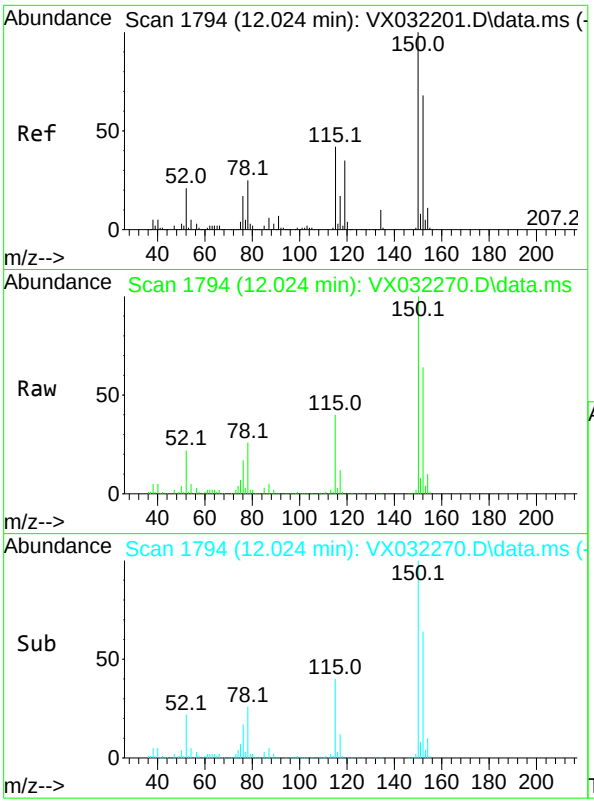




#67
Ethyl Benzene
Concen: 3.474 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032270.D
Acq: 20 Oct 2022 18:00

Tgt Ion: 91 Resp: 26263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.6 | 25.0 | 37.4 |



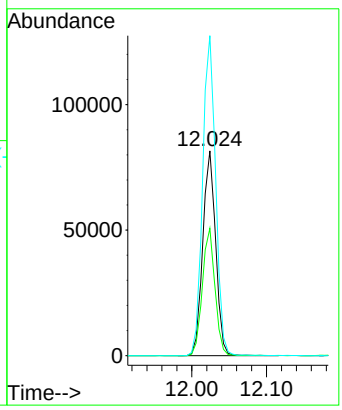


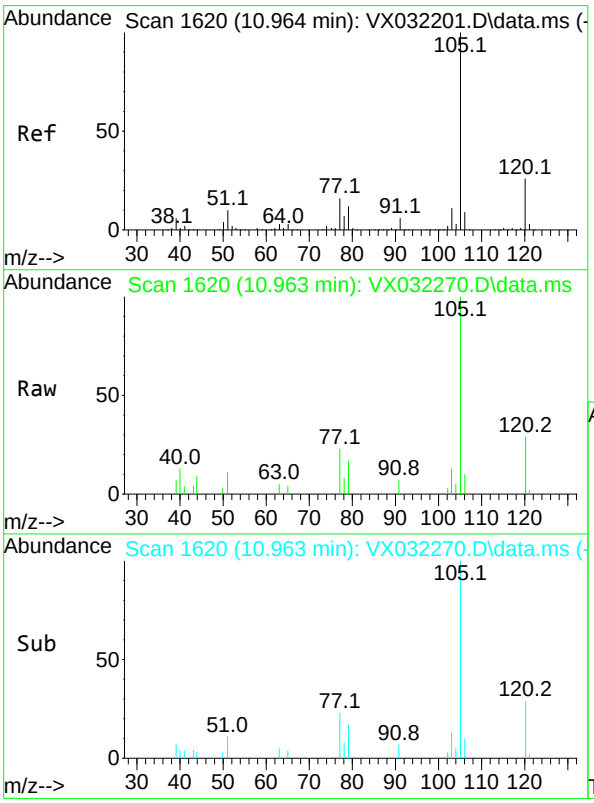

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032270.D
Acq: 20 Oct 2022 18:00

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-02

Tgt Ion:152 Resp: 97587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.9 | 43.1 | 129.4 |
| 150 | 157.8 | 0.0 | 348.6 |

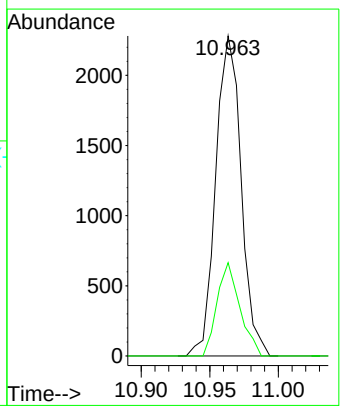


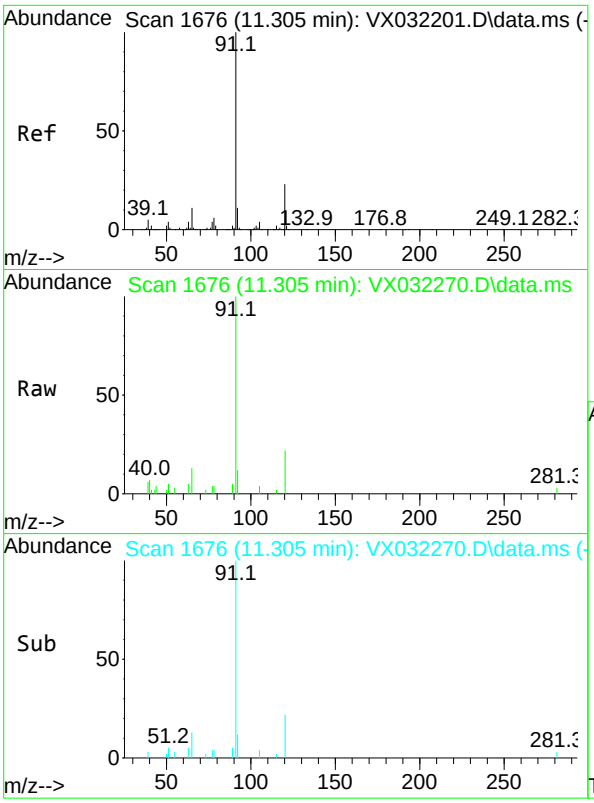




#73
Isopropylbenzene
Concen: 0.421 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX032270.D
Acq: 20 Oct 2022 18:00

Tgt Ion:105 Resp: 2934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.1 | 13.2 | 39.6 |






#78
n-propylbenzene
Concen: 0.476 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032270.D
Acq: 20 Oct 2022 18:00

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-02

Tgt Ion: 91 Resp: 3794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 20.9 | 11.6 | 34.8 |