Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
Data File : VX025475.D
Acq On : 03 Dec 2021 12:25
Operator : JC/MD
Sample : M4917-19DL 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-35DL

Quant Time: Dec 04 06:48:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.556 | 168 | 110168 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 186532 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 166701 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 75189 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.958 | 65 | 64632 | 55.658 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 111.320% | | | |
| 35) Dibromofluoromethane | 5.391 | 113 | 57705 | 50.419 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 100.840% | | | |
| 50) Toluene-d8 | 8.653 | 98 | 214711 | 49.896 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 99.800% | | | |
| 62) 4-Bromofluorobenzene | 11.085 | 95 | 74671 | 45.869 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 91.740% | | | |
| Target Compounds | | | | | | Qvalue |
| 11) Tert butyl alcohol | 2.959 | 59 | 17791 | 54.960 | ug/l | 98 |
| 16) Acetone | 2.379 | 43 | 1192 | 1.847 | ug/l | 98 |
| 19) Methyl tert-butyl Ether | 3.123 | 73 | 15993 | 4.495 | ug/l | 98 |
| 22) Diisopropyl ether | 3.769 | 45 | 3061 | 0.870 | ug/l # | 81 |
| 40) Benzene | 6.043 | 78 | 211465 | 42.894 | ug/l | 96 |
| 52) Toluene | 8.720 | 92 | 1676 | 0.521 | ug/l | 99 |
| 67) Ethyl Benzene | 10.195 | 91 | 21431 | 3.651 | ug/l | 100 |
| 68) m/p-Xylenes | 10.311 | 106 | 977 | 0.407 | ug/l | 85 |
| 73) Isopropylbenzene | 10.963 | 105 | 4199 | 0.784 | ug/l | 99 |
| 78) n-propylbenzene | 11.305 | 91 | 3535 | 0.588 | ug/l | 95 |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
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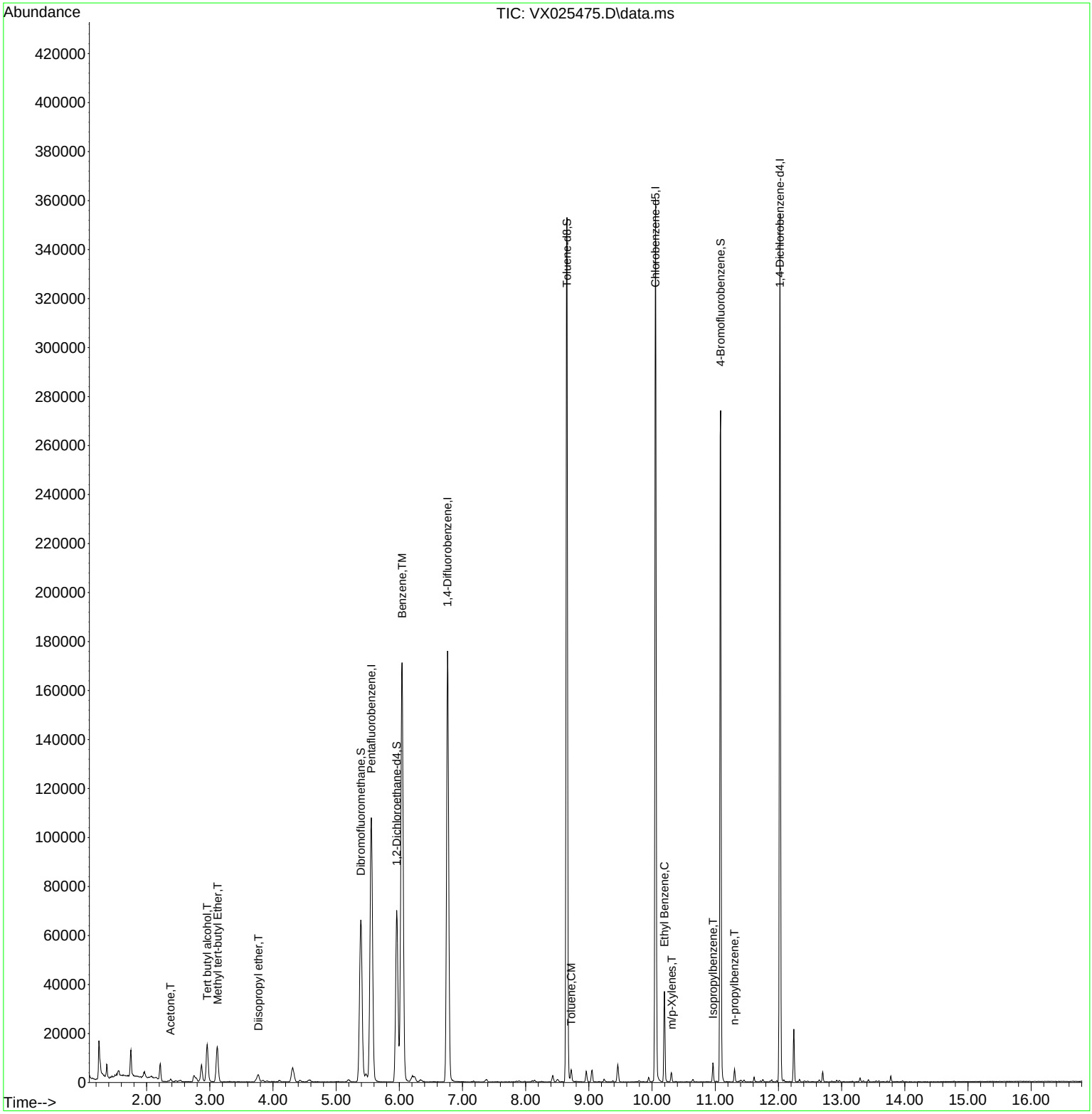
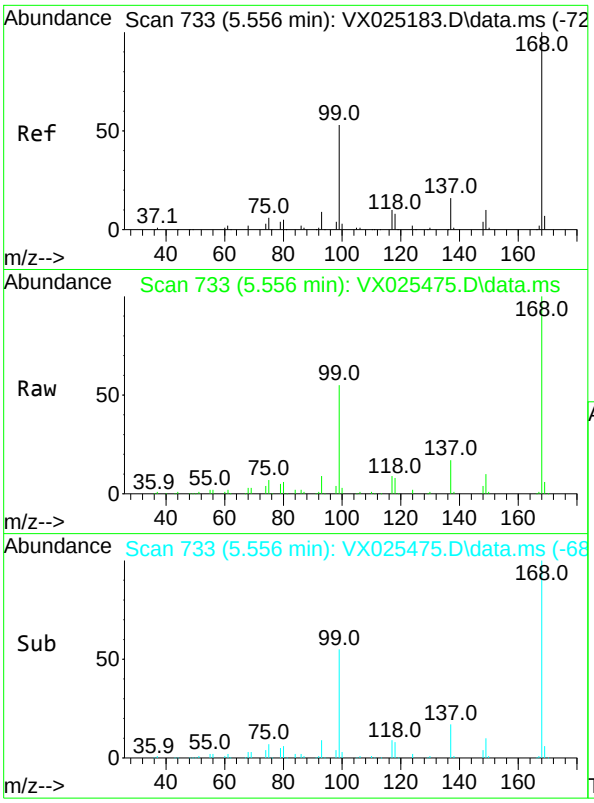
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-35DL

Quant Time: Dec 04 06:48:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



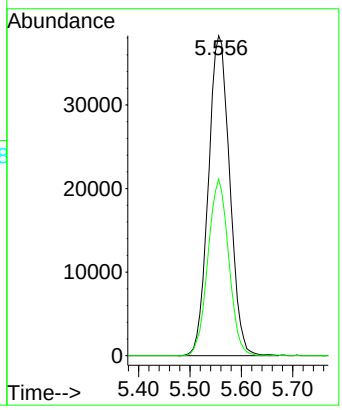


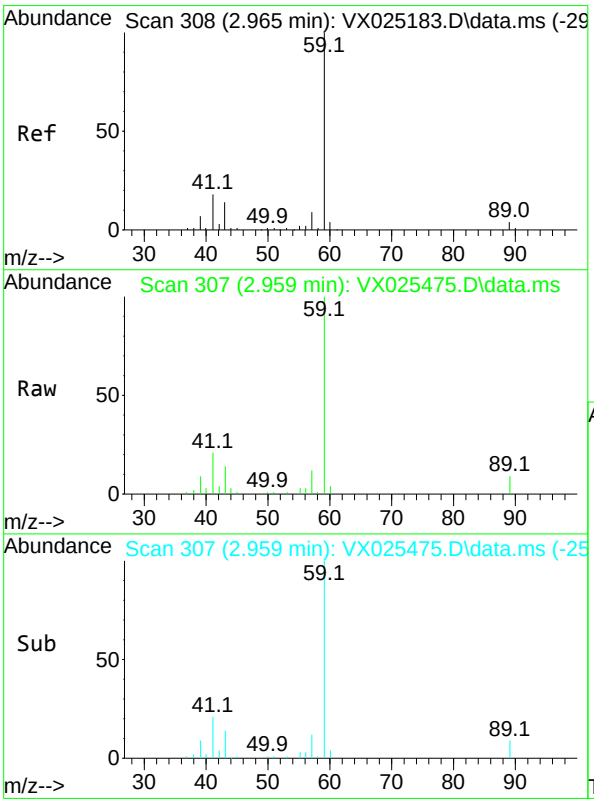

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX025475.D
Acq: 03 Dec 2021 12:25

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-35DL

Tgt Ion:168 Resp: 110168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.2 | 46.4 | 69.6 |

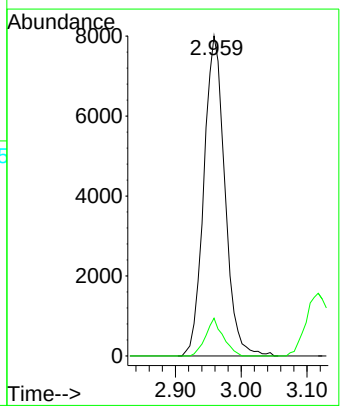


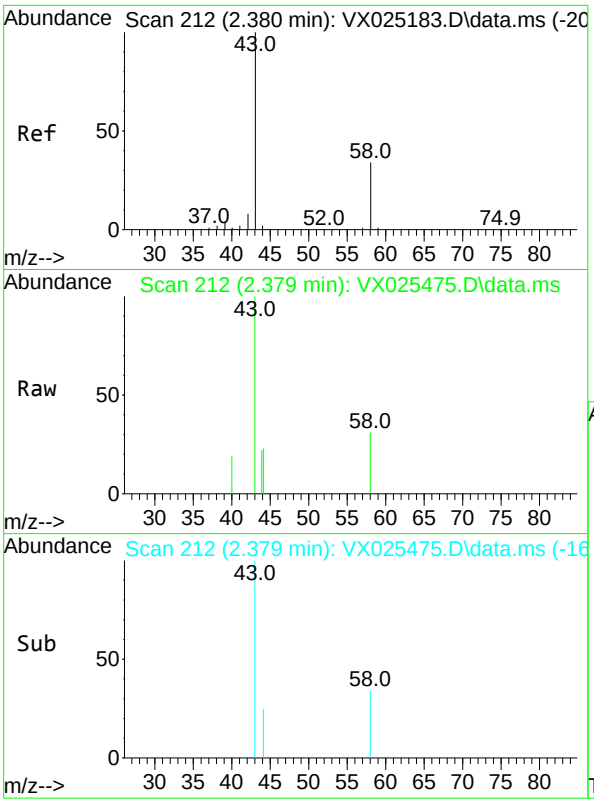




#11
Tert butyl alcohol
Concen: 54.960 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX025475.D
Acq: 03 Dec 2021 12:25

Tgt Ion: 59 Resp: 17791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.8 | 8.5 | 12.7 |



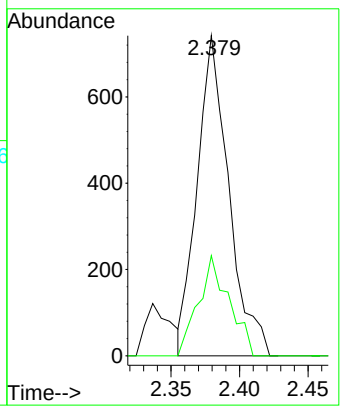


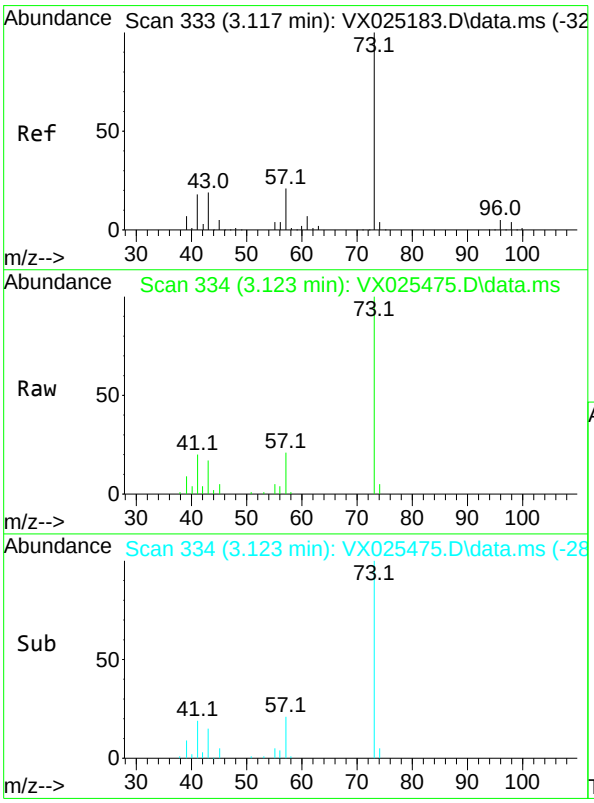

#16
Acetone
Concen: 1.847 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX025475.D
Acq: 03 Dec 2021 12:25

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-35DL

Tgt Ion: 43 Resp: 1192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.3 | 24.0 | 36.0 |

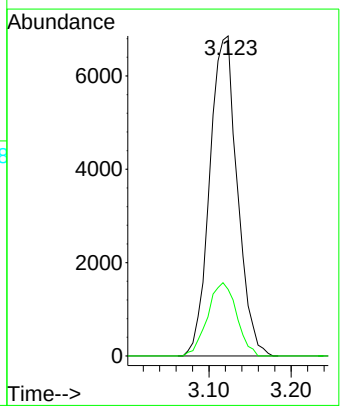


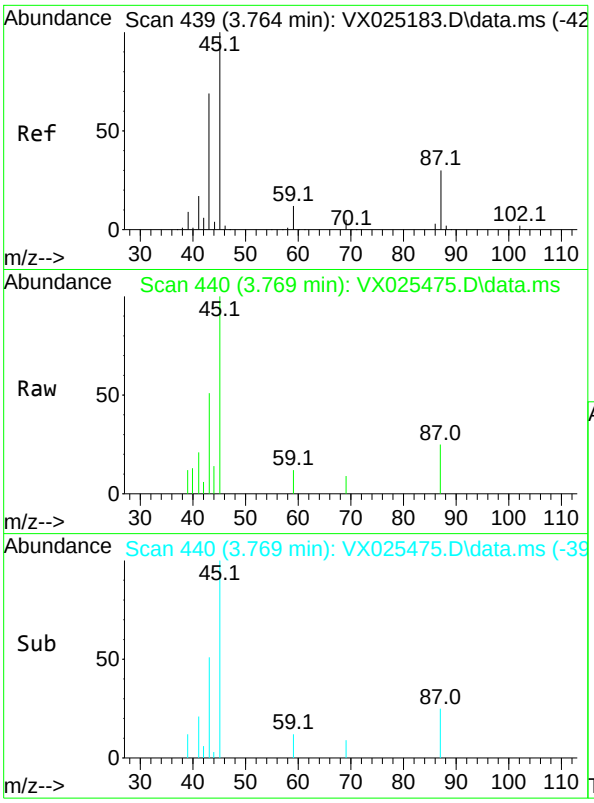




#19
Methyl tert-butyl Ether
Concen: 4.495 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX025475.D
Acq: 03 Dec 2021 12:25

Tgt Ion: 73 Resp: 15993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.8 | 17.5 | 26.3 |



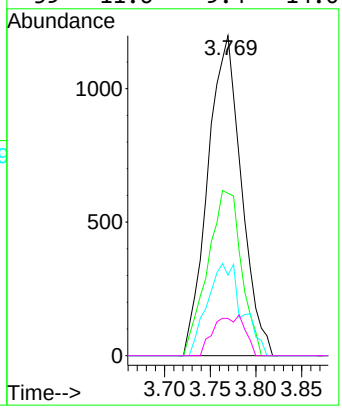


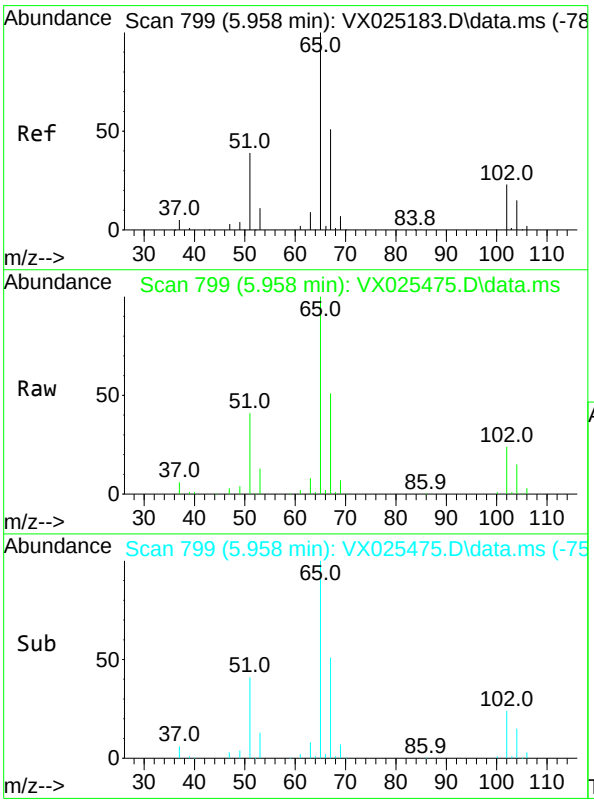

#22
Diisopropyl ether
Concen: 0.870 ug/l
RT: 3.769 min Scan# 44
Delta R.T. 0.005 min
Lab File: VX025475.D
Acq: 03 Dec 2021 12:25

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-35DL

Tgt Ion: 45 Resp: 3061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 50.8 | 58.3 | 87.5# |
| 87 | 25.2 | 23.7 | 35.5 |
| 59 | 11.6 | 9.4 | 14.0 |

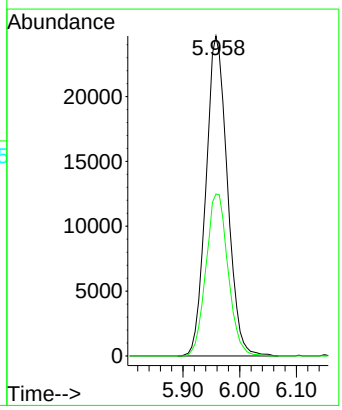


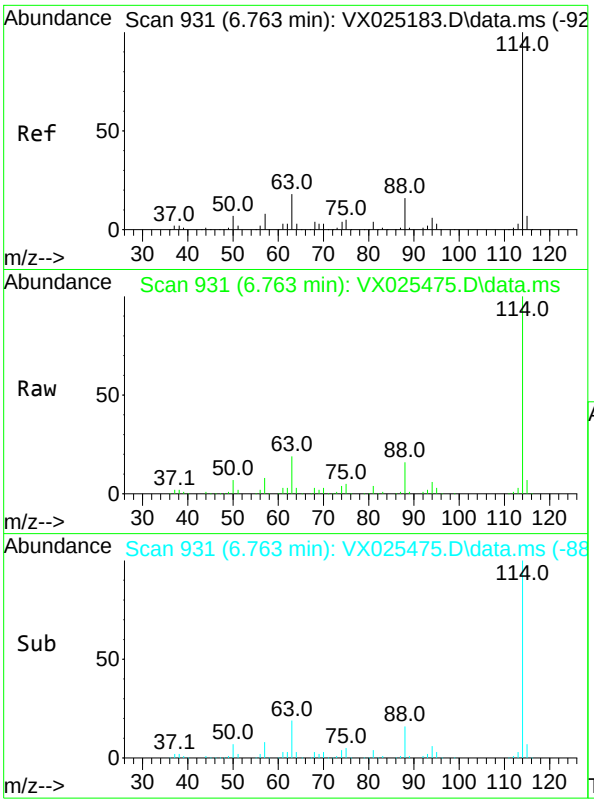




#33
1,2-Dichloroethane-d4
Concen: 55.658 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025475.D
Acq: 03 Dec 2021 12:25

Tgt Ion: 65 Resp: 64632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.1 | 0.0 | 101.0 |



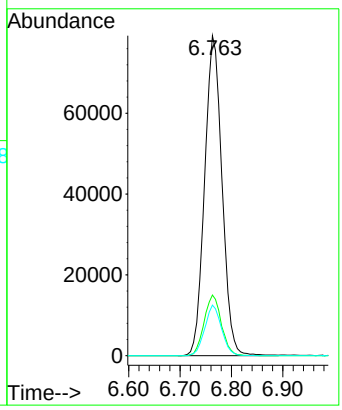


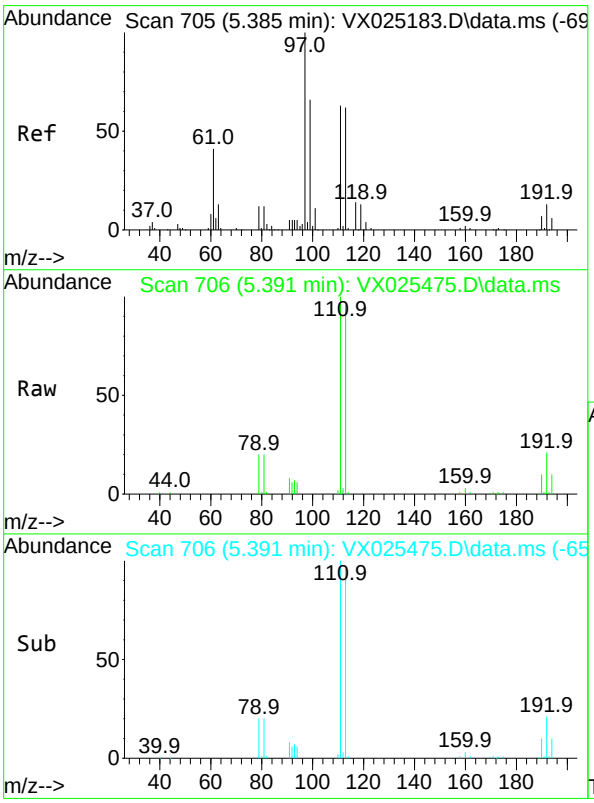

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX025475.D
Acq: 03 Dec 2021 12:25

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-35DL

Tgt Ion:114 Resp: 186532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.9 | 0.0 | 41.0 |
| 88 | 15.8 | 0.0 | 34.8 |

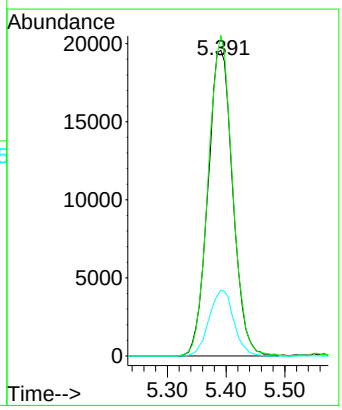


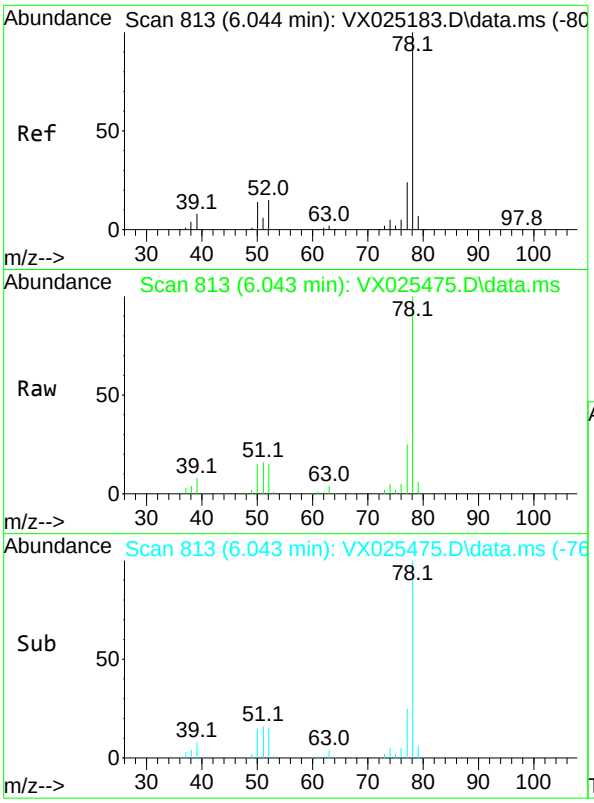




#35
Dibromofluoromethane
Concen: 50.419 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025475.D
Acq: 03 Dec 2021 12:25

Tgt Ion:113 Resp: 57705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.1 | 82.1 | 123.1 |
| 192 | 21.3 | 15.6 | 23.4 |



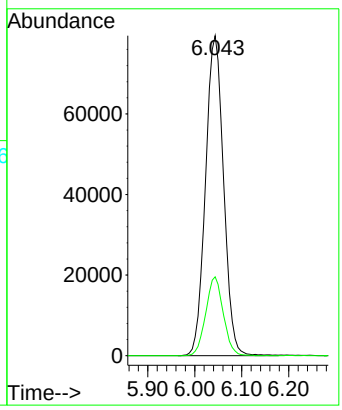


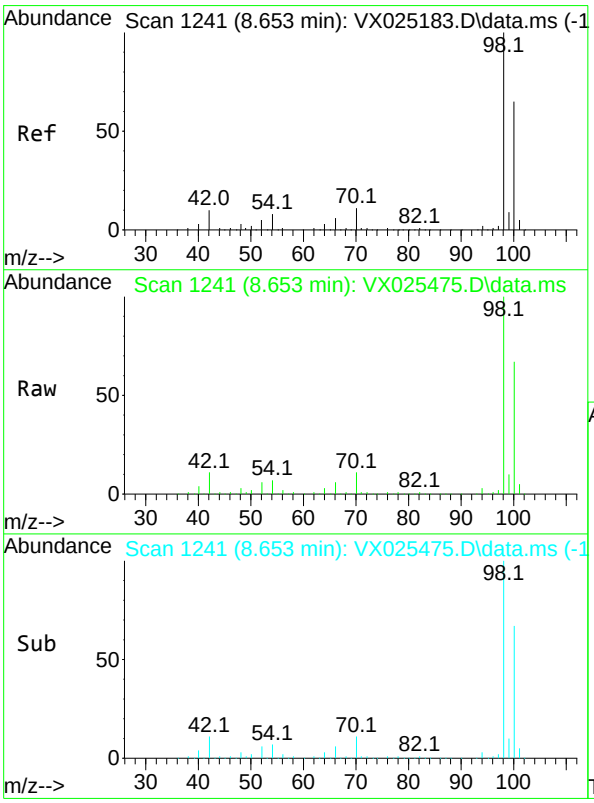

#40
Benzene
Concen: 42.894 ug/l
RT: 6.043 min Scan# 8
Delta R.T. -0.001 min
Lab File: VX025475.D
Acq: 03 Dec 2021 12:25

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-35DL

Tgt Ion: 78 Resp: 211465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.6 | 18.3 | 27.5 |

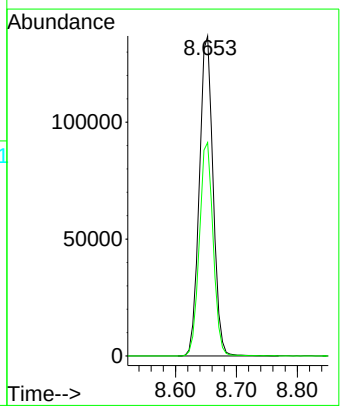


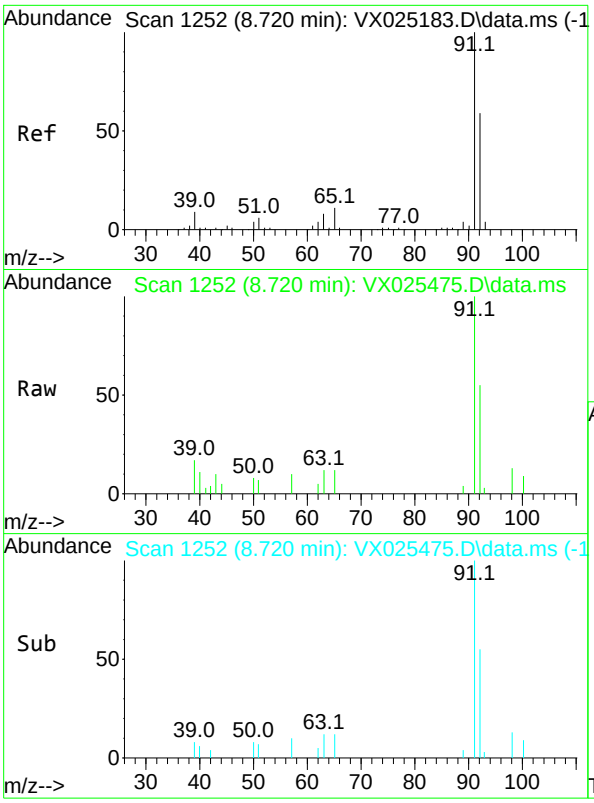




#50
Toluene-d8
Concen: 49.896 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025475.D
Acq: 03 Dec 2021 12:25

Tgt Ion: 98 Resp: 214711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.9 | 51.4 | 77.0 |



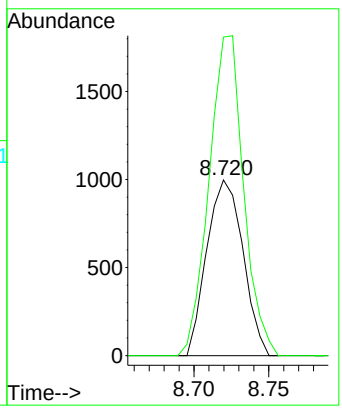


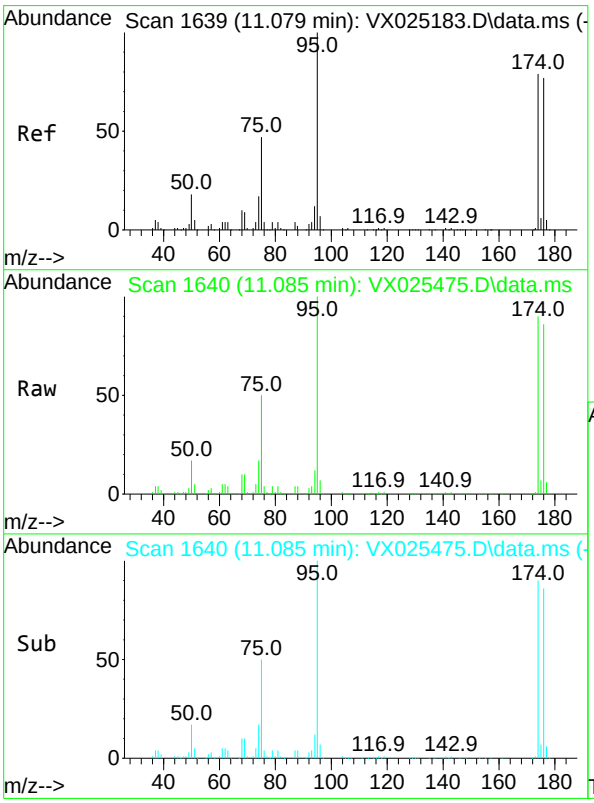

#52
Toluene
Concen: 0.521 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025475.D
Acq: 03 Dec 2021 12:25

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-35DL

Tgt Ion: 92 Resp: 1676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 174.5 | 138.6 | 208.0 |

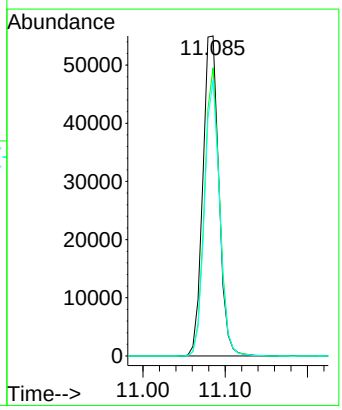


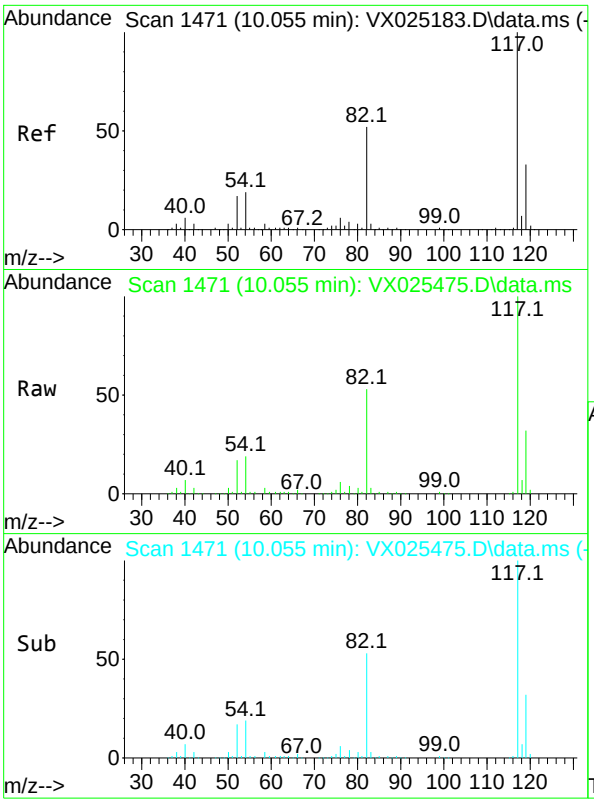




#62
4-Bromofluorobenzene
Concen: 45.869 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025475.D
Acq: 03 Dec 2021 12:25

Tgt Ion: 95 Resp: 74671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 85.1 | 0.0 | 158.0 |
| 176 | 81.3 | 0.0 | 153.6 |



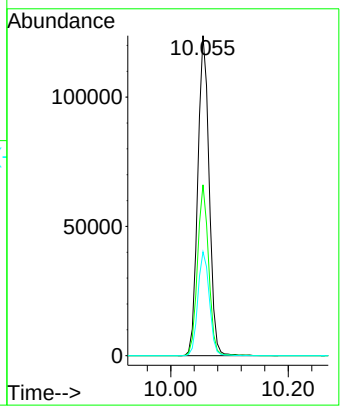


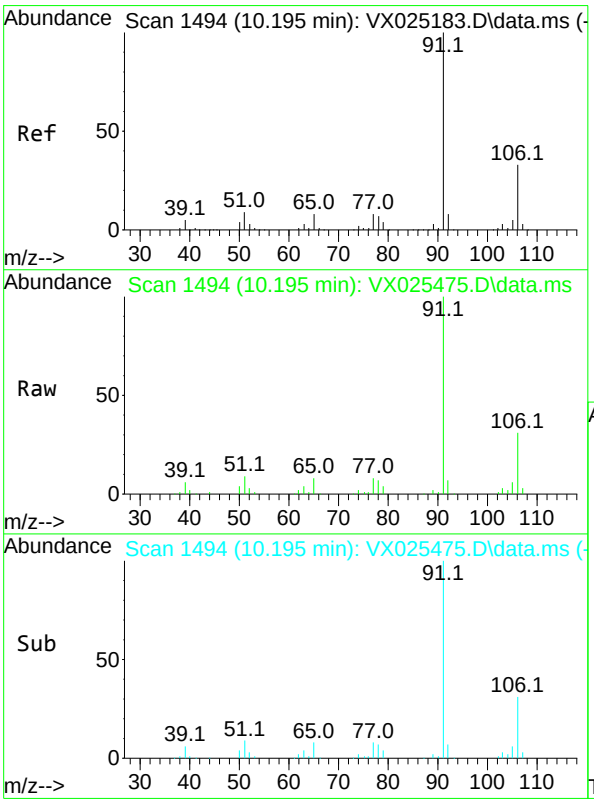

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX025475.D
Acq: 03 Dec 2021 12:25

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-35DL

Tgt Ion:117 Resp: 166701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.4 | 44.6 | 67.0 |
| 119 | 32.5 | 24.8 | 37.2 |

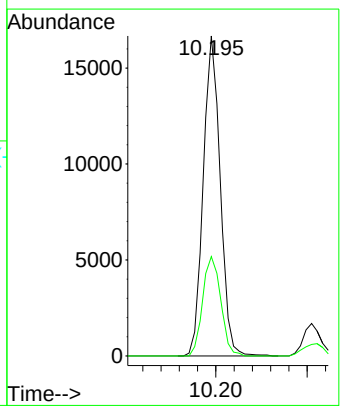


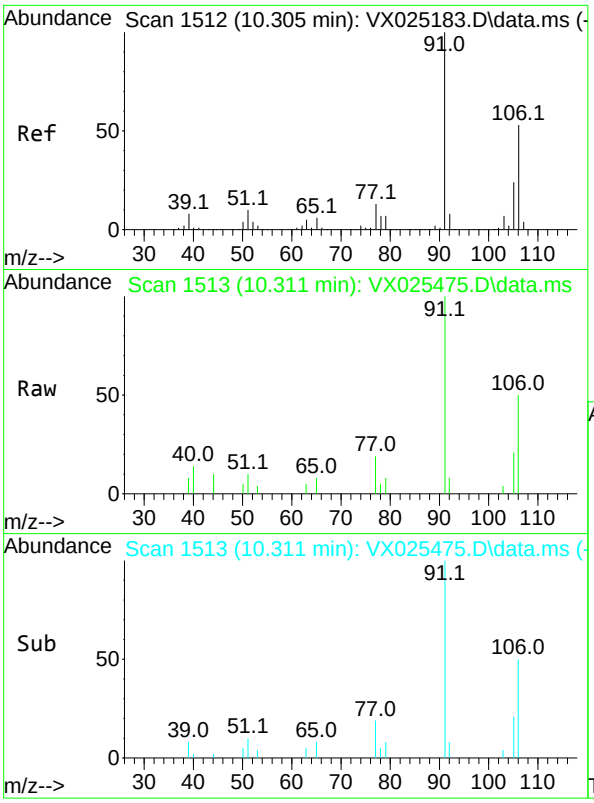




#67
Ethyl Benzene
Concen: 3.651 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025475.D
Acq: 03 Dec 2021 12:25

Tgt Ion: 91 Resp: 21431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.0 | 24.7 | 37.1 |



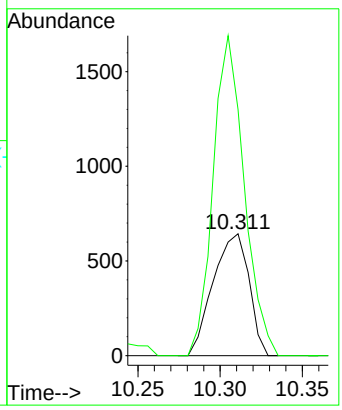


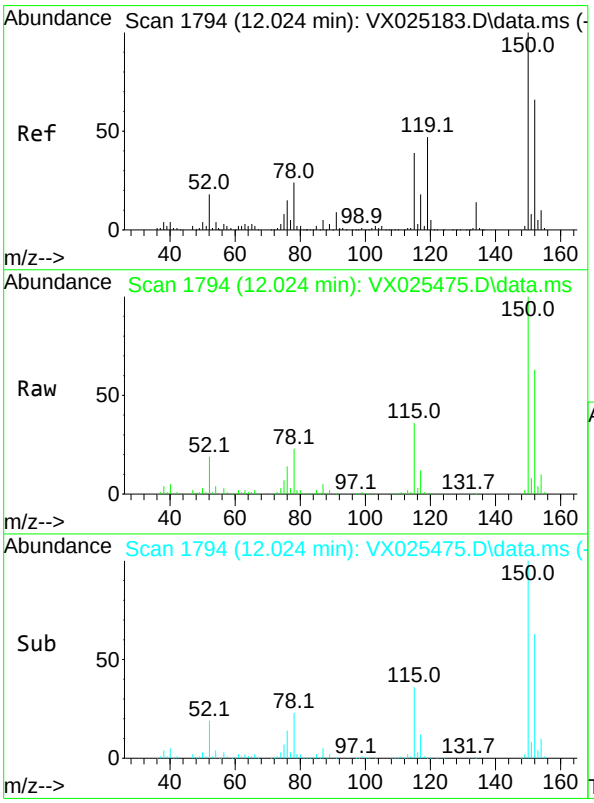

#68
m/p-Xylenes
Concen: 0.407 ug/l
RT: 10.311 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025475.D
Acq: 03 Dec 2021 12:25

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-35DL

Tgt Ion:106 Resp: 977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 227.4 | 163.4 | 245.0 |

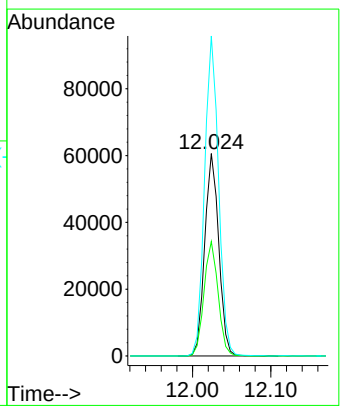


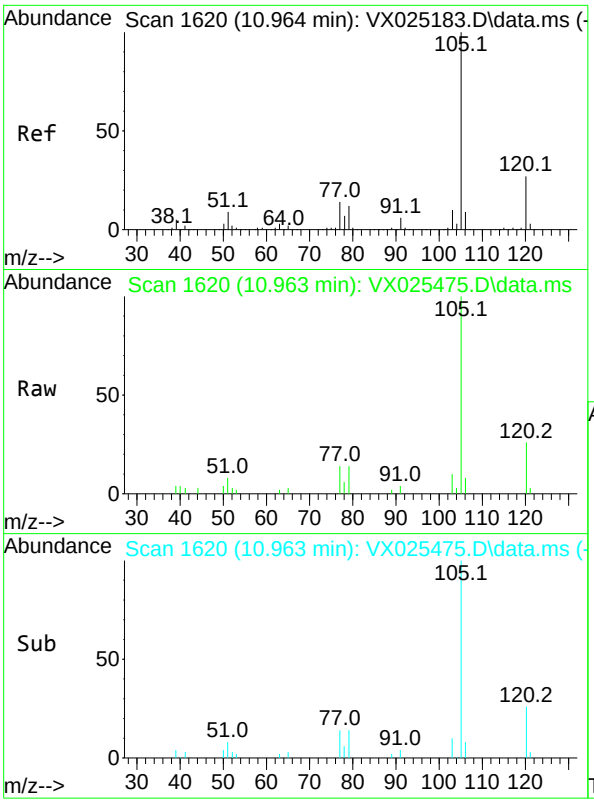




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025475.D
Acq: 03 Dec 2021 12:25

Tgt Ion:152 Resp: 75189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 56.7 | 43.3 | 129.8 |
| 150 | 157.2 | 0.0 | 351.2 |



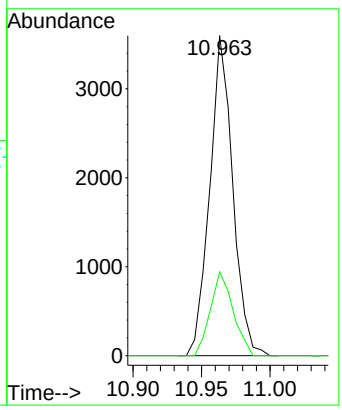


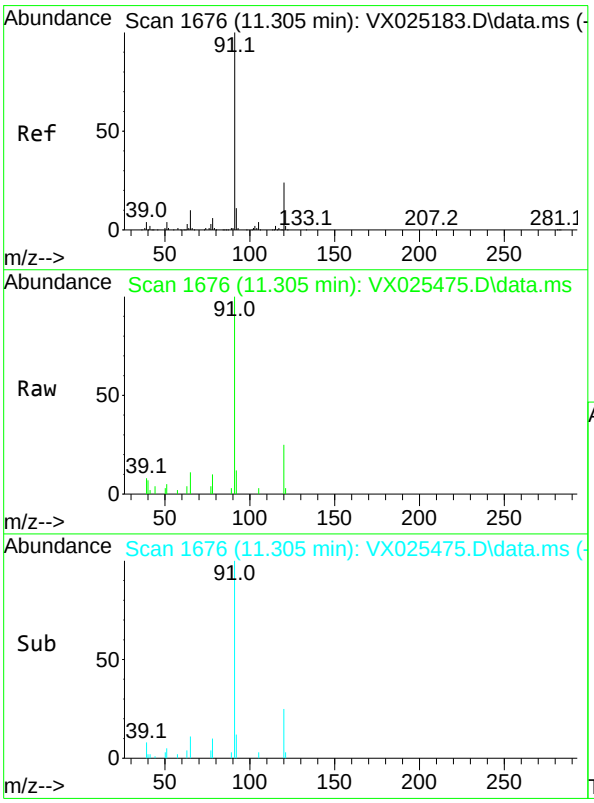

#73
Isopropylbenzene
Concen: 0.784 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.001 min
Lab File: VX025475.D
Acq: 03 Dec 2021 12:25

**Instrument :**
MSVOA_X
**ClientSampleId :**
MW-35DL

Tgt Ion:105 Resp: 4199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.8 | 13.3 | 39.8 |




#78
n-propylbenzene
Concen: 0.588 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025475.D
Acq: 03 Dec 2021 12:25

Tgt Ion: 91 Resp: 3535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 25.9 | 11.7 | 35.0 |