Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
Data File : VX026330.D
Acq On : 05 Jan 2022 18:19
Operator : JC/MD
Sample : N1005-08DL 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**

Quant Time: Jan 06 03:11:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.562 | 168 | 148543 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 251926 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 219808 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 97244 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.958 | 65 | 109383 | 50.900 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 101.800% | | | |
| 35) Dibromofluoromethane | 5.391 | 113 | 81418 | 49.710 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 99.420% | | | |
| 50) Toluene-d8 | 8.653 | 98 | 294767 | 48.384 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 96.760% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 111827 | 51.563 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 103.120% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.270 | 50 | 1179 | 0.649 | ug/l # | 73 |
| 11) Tert butyl alcohol | 2.971 | 59 | 34368 | 80.070 | ug/l | 98 |
| 13) Acrolein | 2.215 | 56 | 138 | 0.899 | ug/l # | 1 |
| 16) Acetone | 2.386 | 43 | 2048 | 1.759 | ug/l | 97 |
| 20) Methylene Chloride | 2.794 | 84 | 1010 | Below Cal | # | 93 |
| 23) Vinyl Acetate | 3.452 | 43 | 1580 | 0.321 | ug/l # | 56 |
| 25) 2-Butanone | 4.586 | 43 | 575 | 0.355 | ug/l # | 49 |
| 31) Cyclohexane | 5.476 | 56 | 10431 | 3.408 | ug/l | 97 |
| 36) 1,1-Dichloropropene | 5.556 | 75 | 12812 | 4.850 | ug/l # | 50 |
| 38) Carbon Tetrachloride | 5.556 | 117 | 15859 | 5.397 | ug/l # | 16 |
| 39) Methylcyclohexane | 7.385 | 83 | 11592 | 3.890 | ug/l | 93 |
| 40) Benzene | 6.043 | 78 | 902981 | 119.768 | ug/l | 97 |
| 42) 1,2-Dichloroethane | 6.037 | 62 | 8514 | 2.790 | ug/l # | 74 |
| 51) 4-Methyl-2-Pentanone | 8.549 | 43 | 879 | 0.283 | ug/l # | 37 |
| 52) Toluene | 8.720 | 92 | 59025 | 12.717 | ug/l | 98 |
| 53) t-1,3-Dichloropropene | 8.720 | 75 | 755 | 2.128 | ug/l # | 1 |
| 67) Ethyl Benzene | 10.195 | 91 | 2709 | 0.314 | ug/l | 93 |
| 68) m/p-Xylenes | 10.305 | 106 | 3231 | 1.002 | ug/l | 91 |
| 69) o-Xylene | 10.646 | 106 | 1168 | 0.370 | ug/l | 92 |
| 76) 1,2,3-Trichloropropane | 11.079 | 75 | 58062 | 24.736 | ug/l # | 38 |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75 | 58062 | 71.563 | ug/l # | 10 |

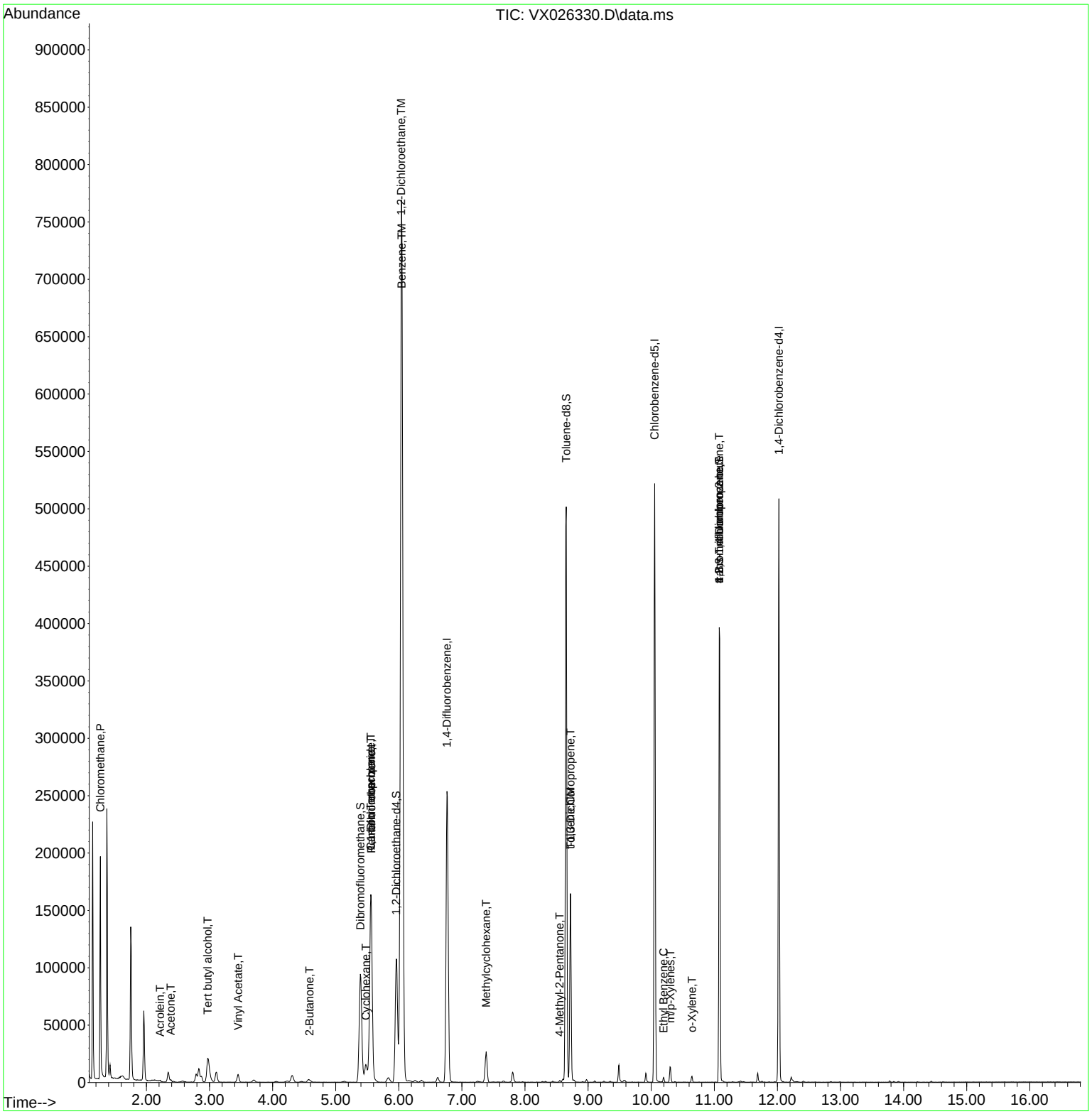
(#) = qualifier out of range (m) = manual integration (+) = signals summed

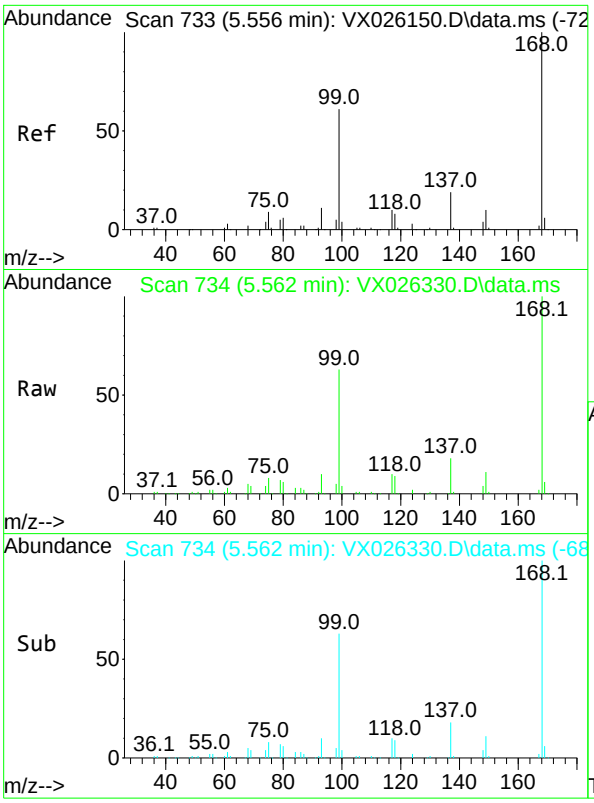
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
Data File : VX026330.D
Acq On : 05 Jan 2022 18:19
Operator : JC/MD
Sample : N1005-08DL 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**

Quant Time: Jan 06 03:11:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



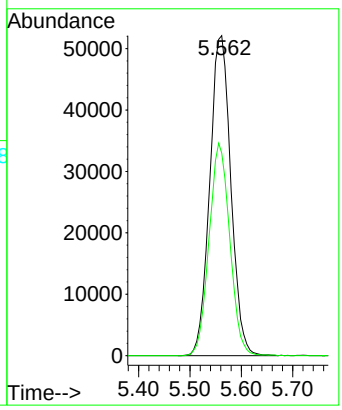


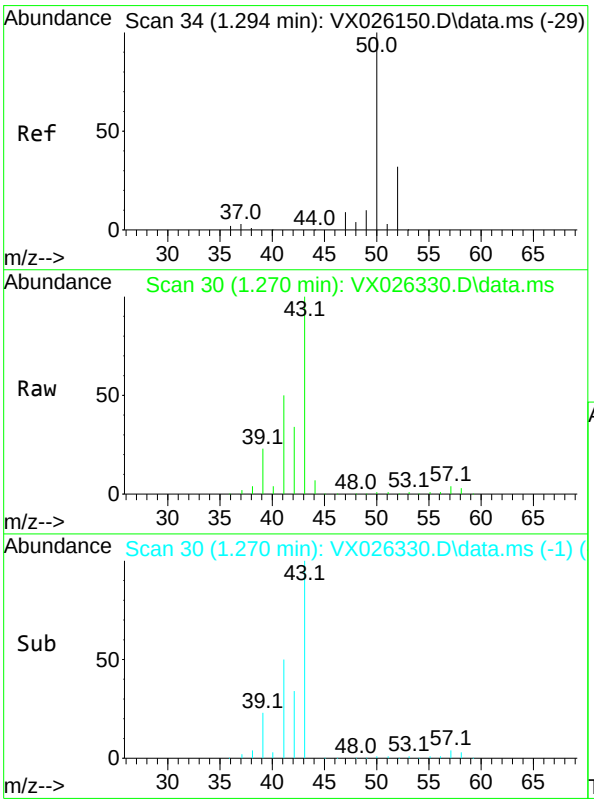

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:168 Resp: 148543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 63.4 | 45.8 | 68.8 |

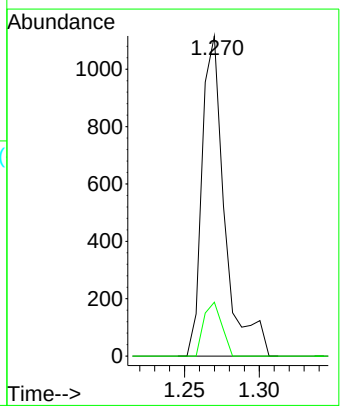


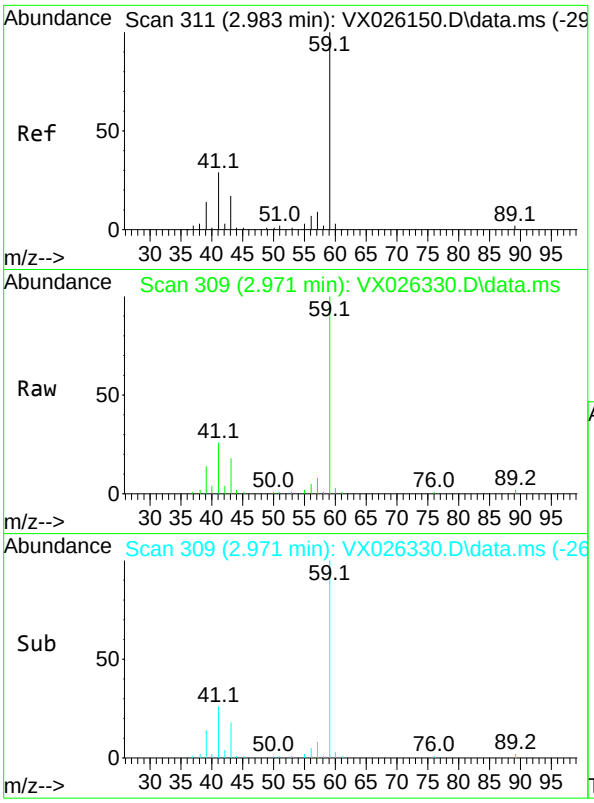




#3
Chloromethane
Concen: 0.649 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.024 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

Tgt Ion: 50 Resp: 1179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 16.8 | 25.4 | 38.0# |



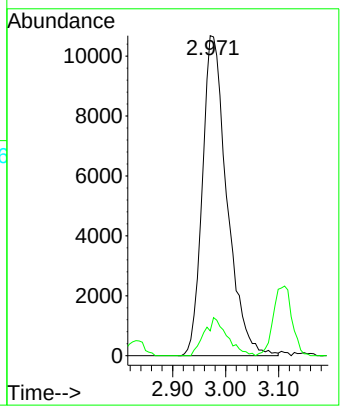


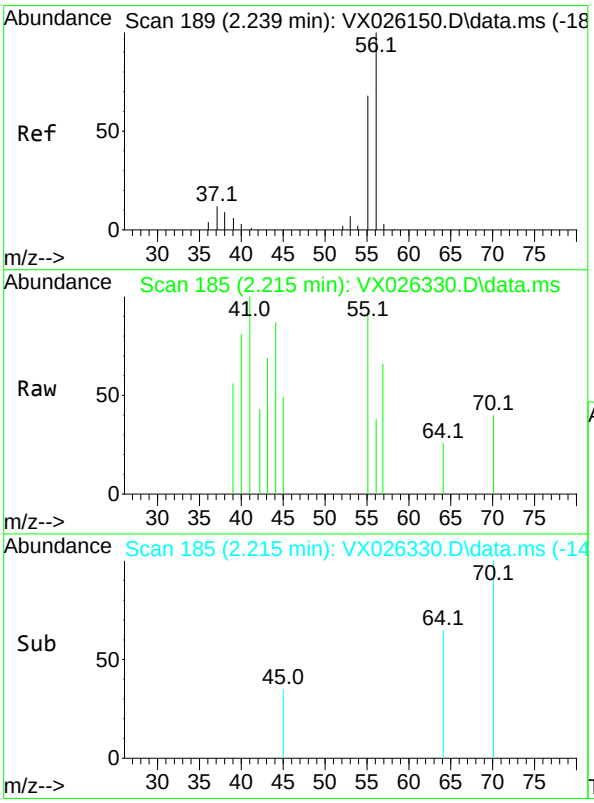

#11
Tert butyl alcohol
Concen: 80.070 ug/l
RT: 2.971 min Scan# 3
Delta R.T. -0.012 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 59 Resp: 34368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 11.1 | 8.2 | 12.2 |

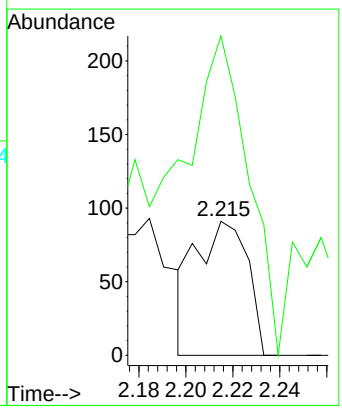


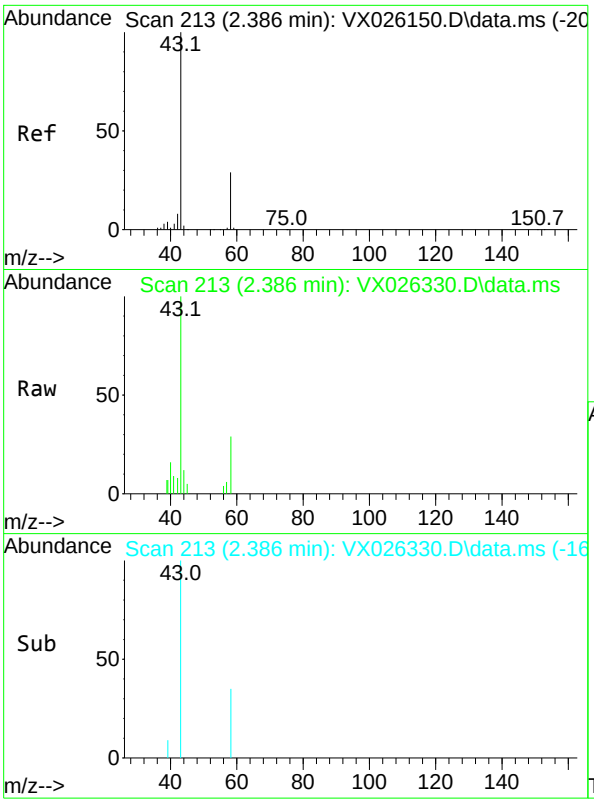




#13
Acrolein
Concen: 0.899 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.024 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

Tgt Ion: 56 Resp: 138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 277.5 | 57.4 | 86.2# |



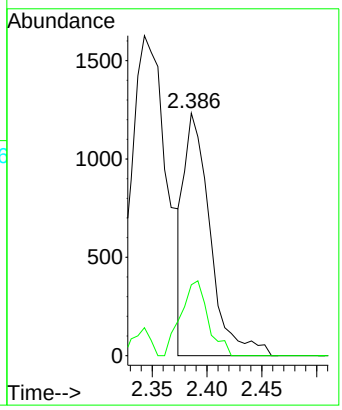


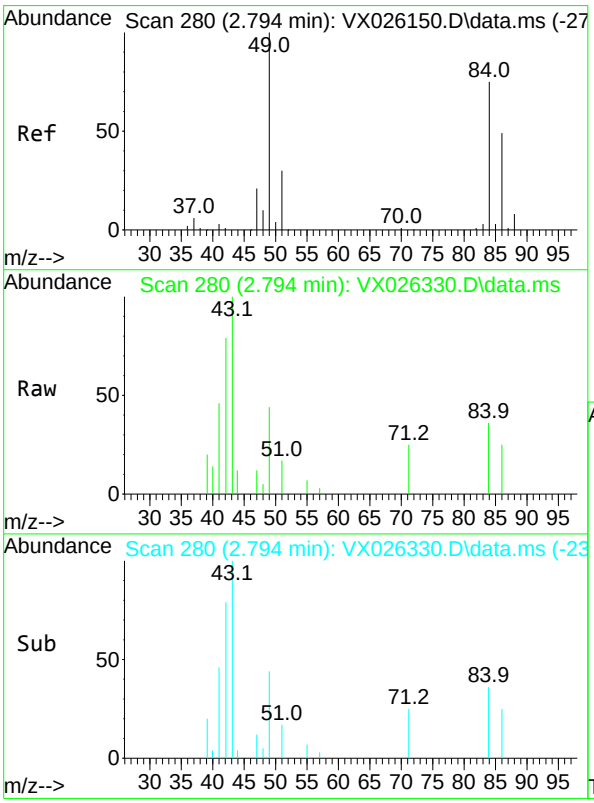

#16
Acetone
Concen: 1.759 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 43 Resp: 2048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.2 | 24.8 | 37.2 |

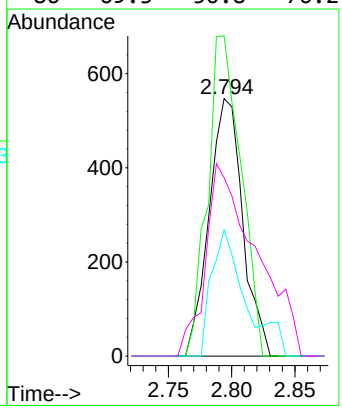


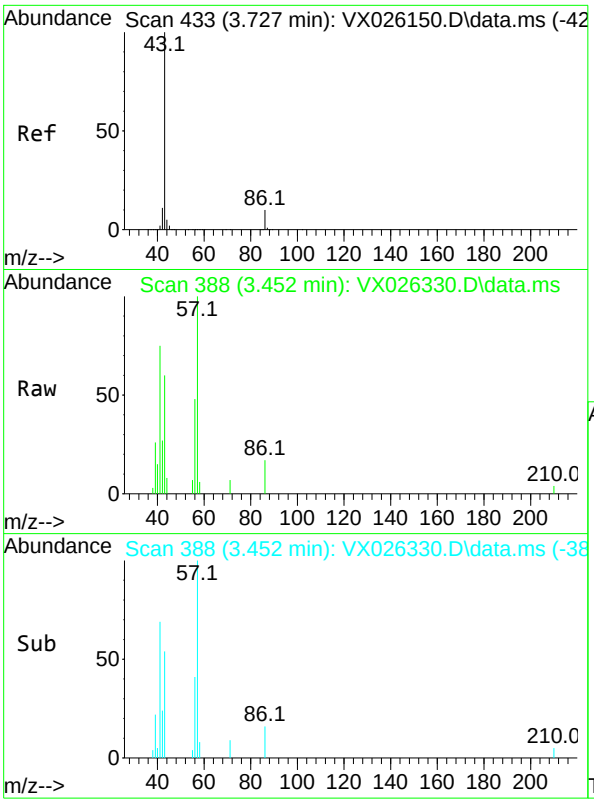




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

Tgt Ion: 84 Resp: 1010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 124.3 | 97.1 | 145.7 |
| 51 | 49.0 | 29.3 | 43.9# |
| 86 | 69.3 | 50.8 | 76.2 |



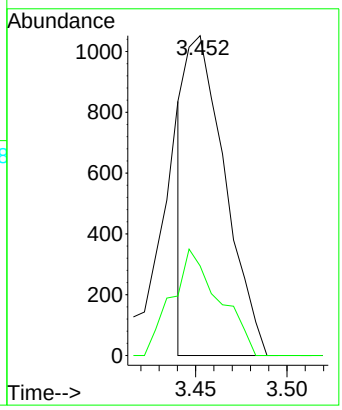


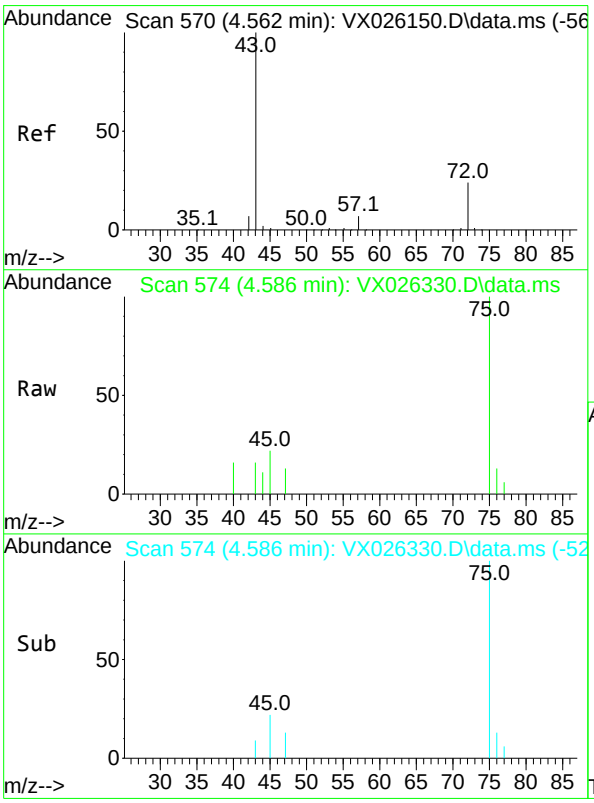

#23
Vinyl Acetate
Concen: 0.321 ug/l
RT: 3.452 min Scan# 3
Delta R.T. -0.275 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 43 Resp: 1580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 28.0 | 9.0 | 13.6# |

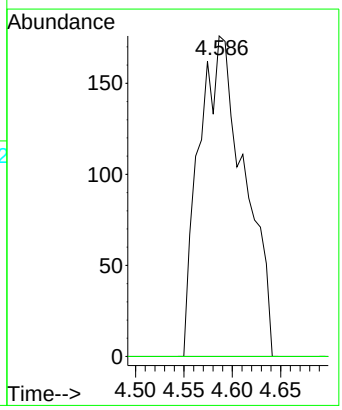


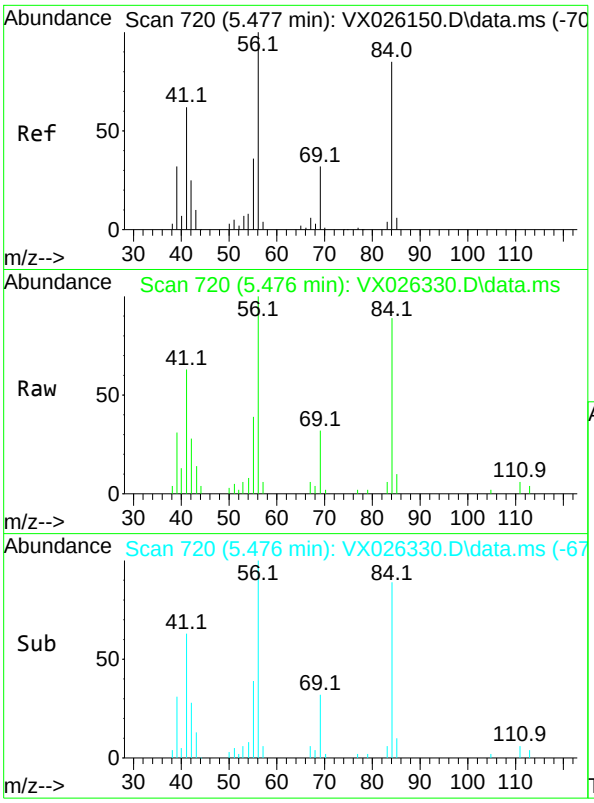




#25
2-Butanone
Concen: 0.355 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

Tgt Ion: 43 Resp: 575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 21.0 | 31.4# |



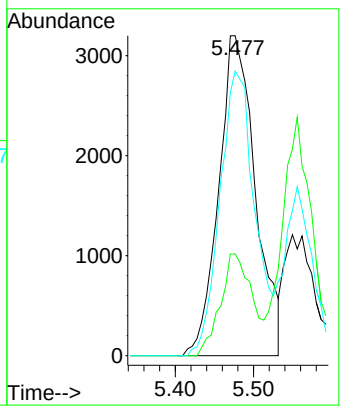


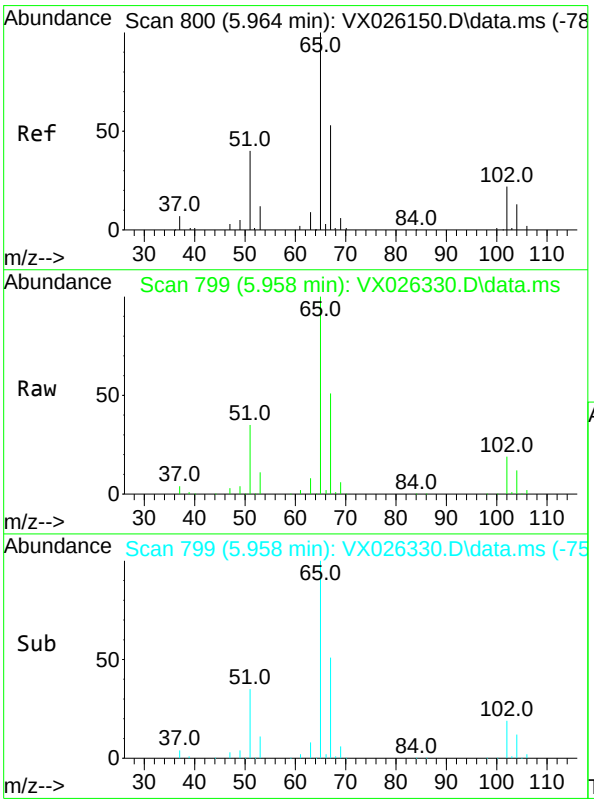

#31
Cyclohexane
Concen: 3.408 ug/l
RT: 5.476 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 56 Resp: 10431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.8 | 23.9 | 35.9 |
| 84 | 89.0 | 73.2 | 109.8 |

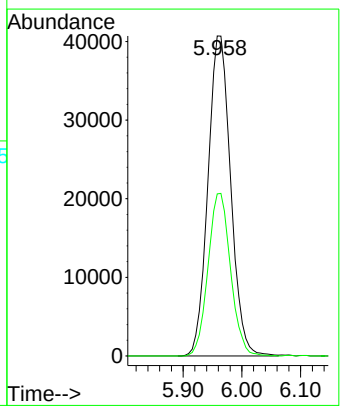


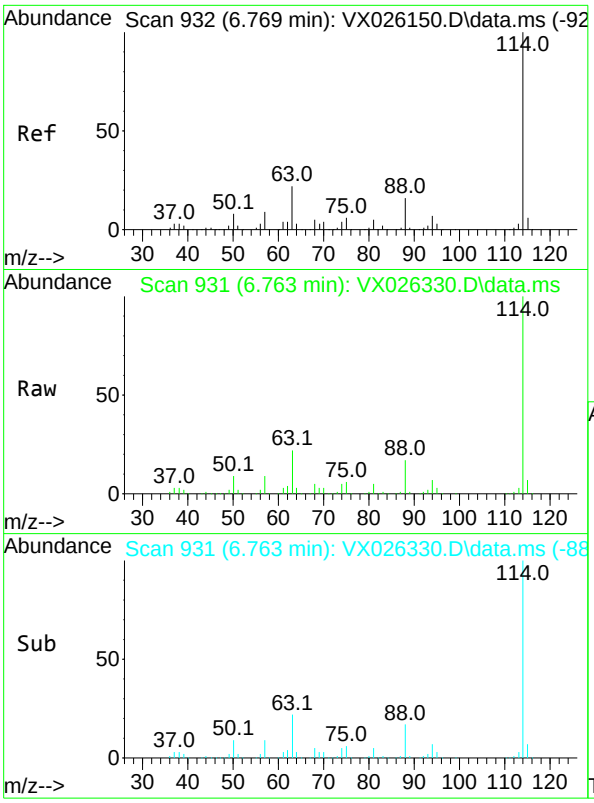




#33
1,2-Dichloroethane-d4
Concen: 50.900 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

Tgt Ion: 65 Resp: 109383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.3 | 0.0 | 103.4 |



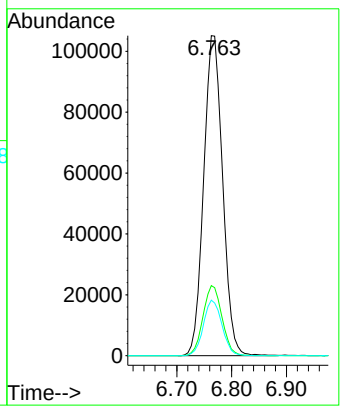


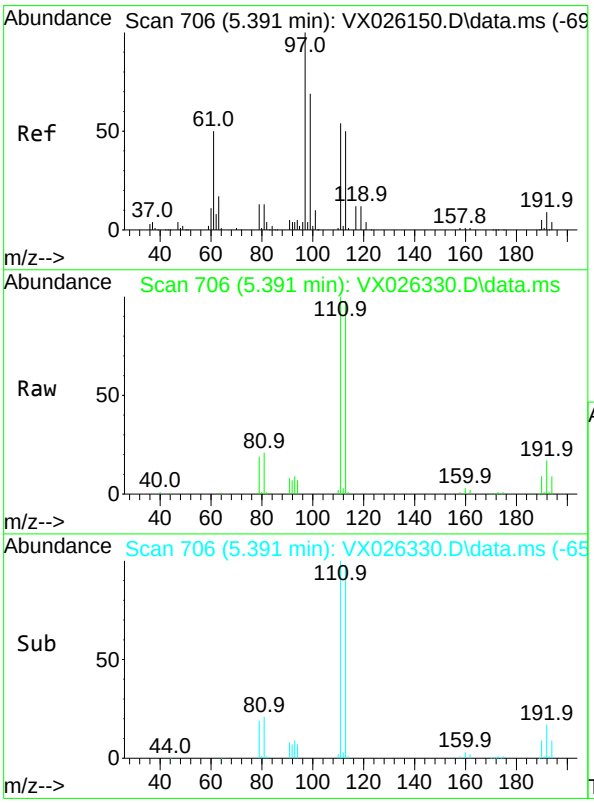

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:114 Resp: 251926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.9 | 0.0 | 40.0 |
| 88 | 17.4 | 0.0 | 30.6 |

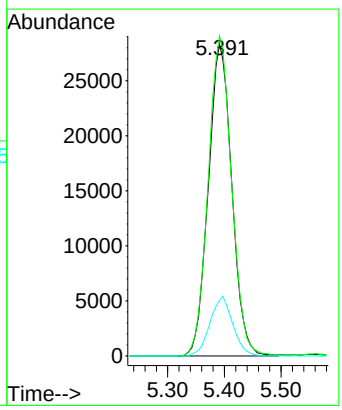


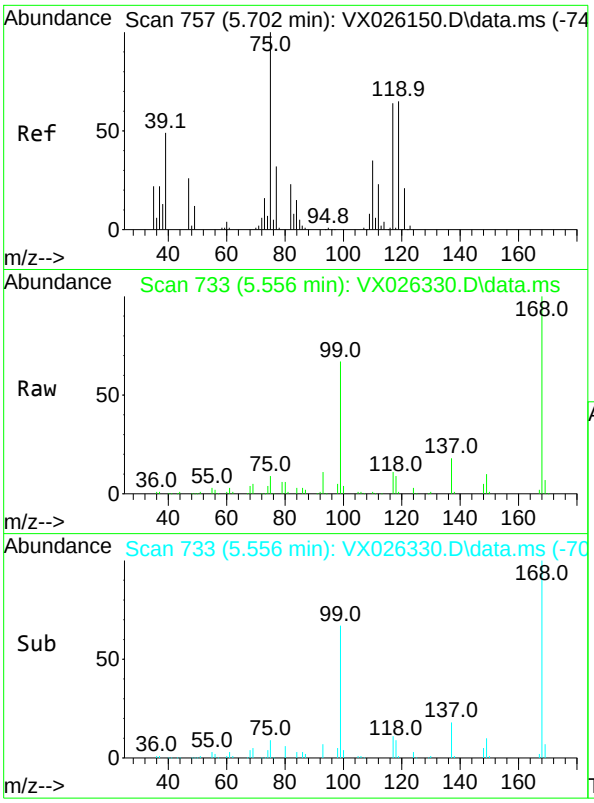




#35
Dibromofluoromethane
Concen: 49.710 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

Tgt Ion:113 Resp: 81418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.6 | 81.8 | 122.8 |
| 192 | 18.5 | 15.0 | 22.4 |



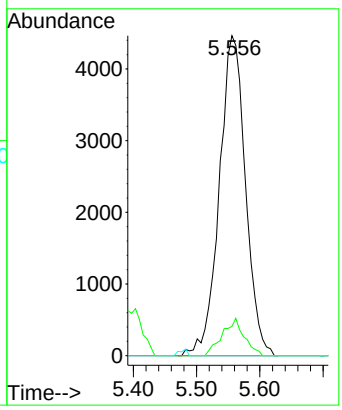


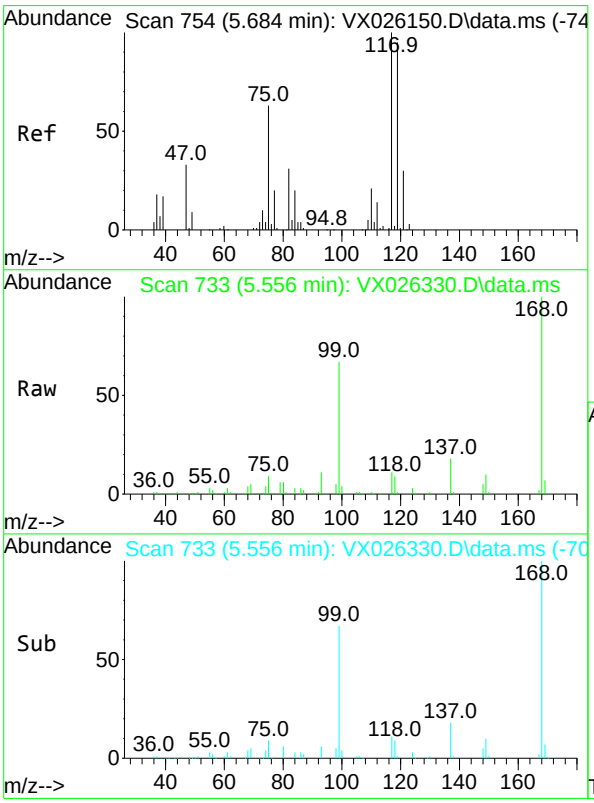

#36
1,1-Dichloropropene
Concen: 4.850 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.146 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 75 Resp: 12812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.8 | 18.2 | 54.6# |
| 77 | 0.0 | 24.7 | 37.1# |

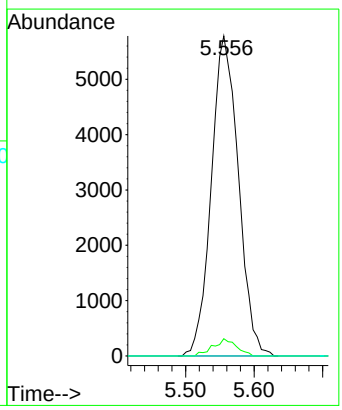


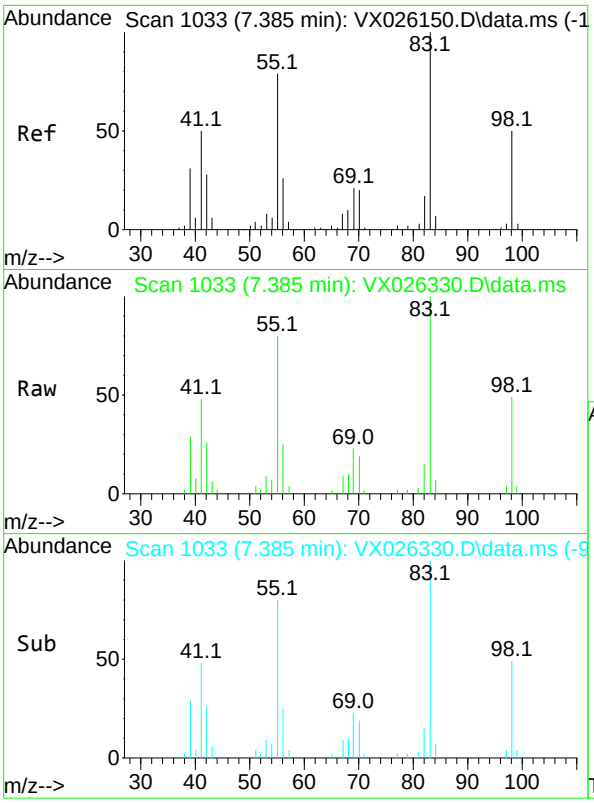




#38
Carbon Tetrachloride
Concen: 5.397 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

Tgt Ion:117 Resp: 15859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.4 | 77.2 | 115.8# |
| 121 | 0.0 | 23.8 | 35.8# |



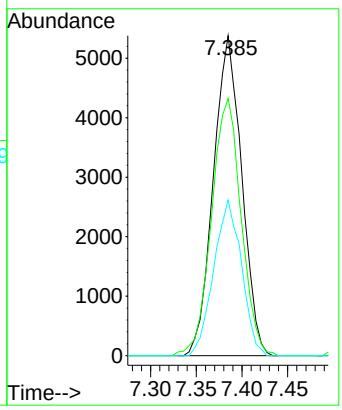


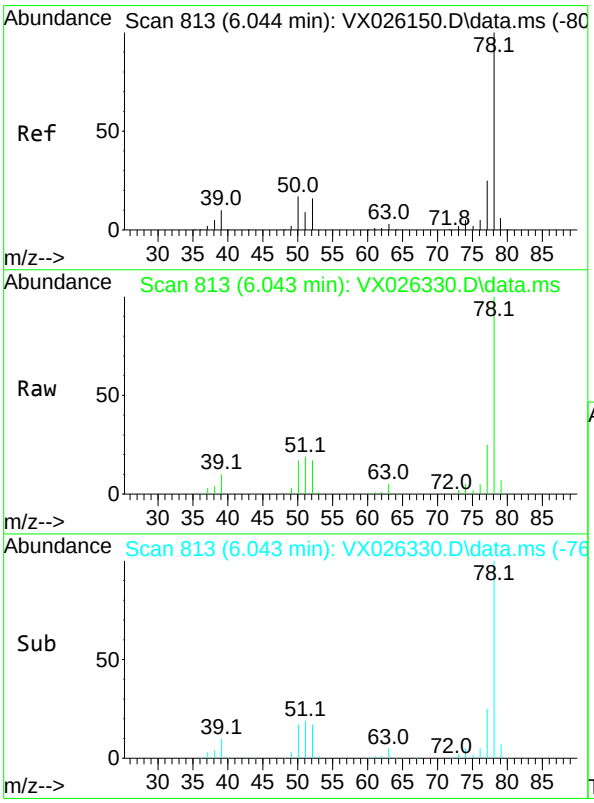

#39
Methylcyclohexane
Concen: 3.890 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 83 Resp: 11592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 80.3 | 57.8 | 86.8 |
| 98 | 48.7 | 40.5 | 60.7 |

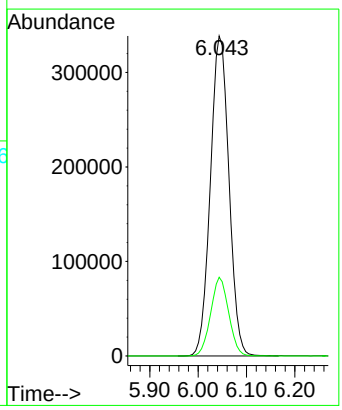


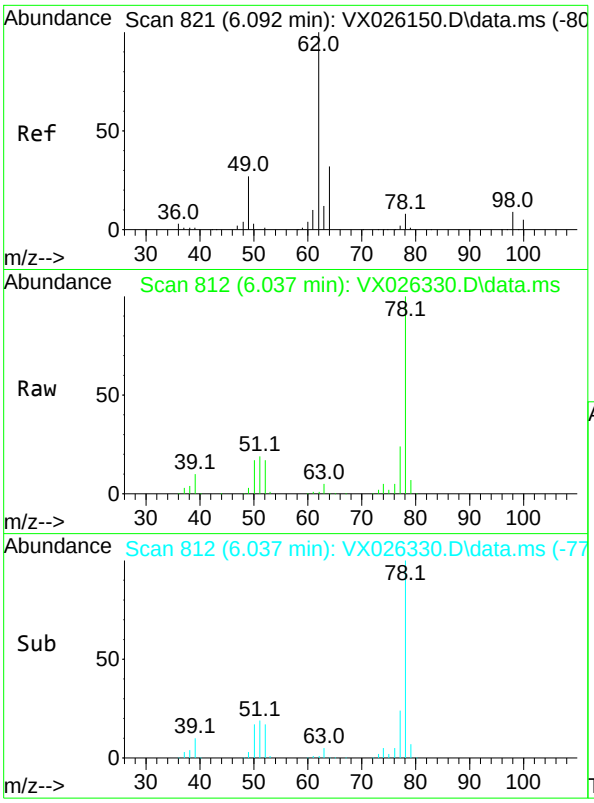




#40
Benzene
Concen: 119.768 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

Tgt Ion: 78 Resp: 902981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.6 | 18.6 | 27.8 |



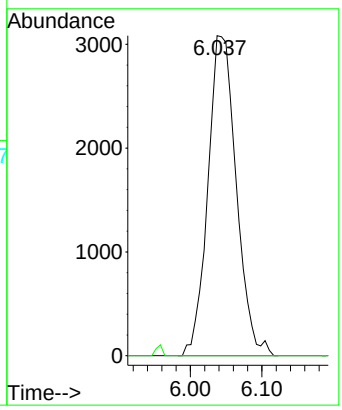


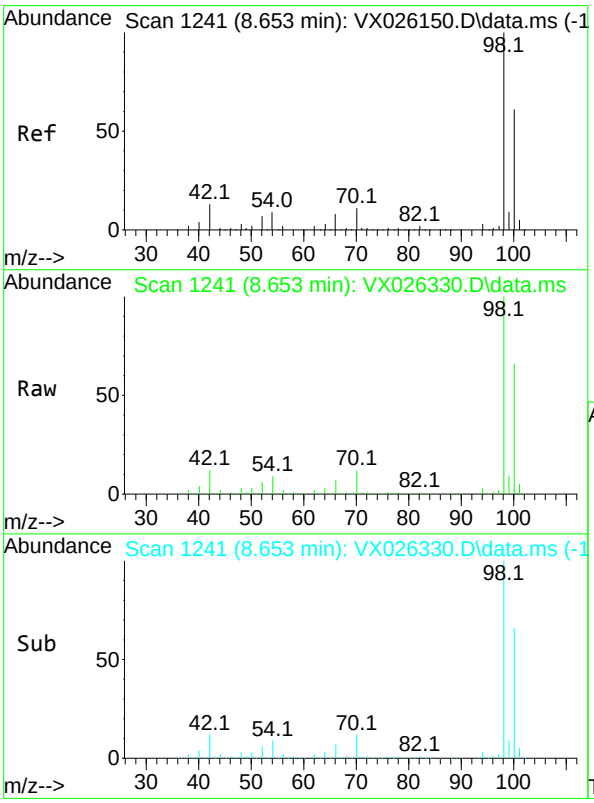

#42
1,2-Dichloroethane
Concen: 2.790 ug/l
RT: 6.037 min Scan# 8
Delta R.T. -0.055 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 62 Resp: 8514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 0.0 | 18.8 |

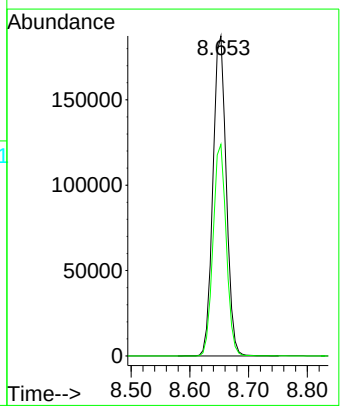


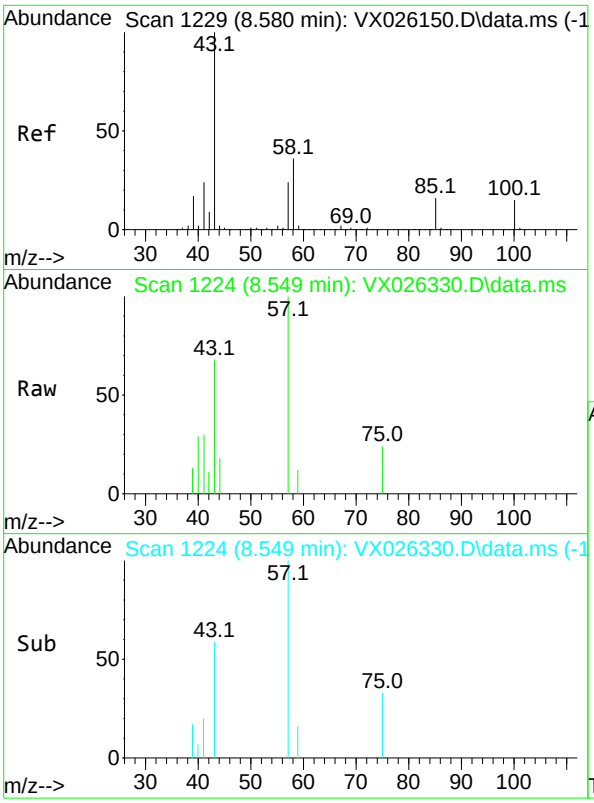




#50
Toluene-d8
Concen: 48.384 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

Tgt Ion: 98 Resp: 294767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.6 | 52.6 | 78.8 |



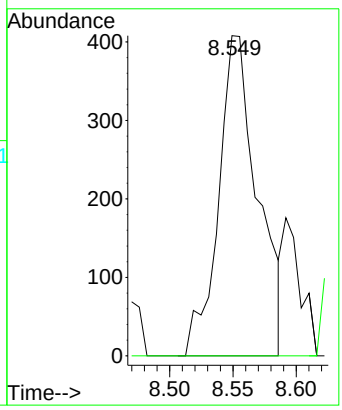


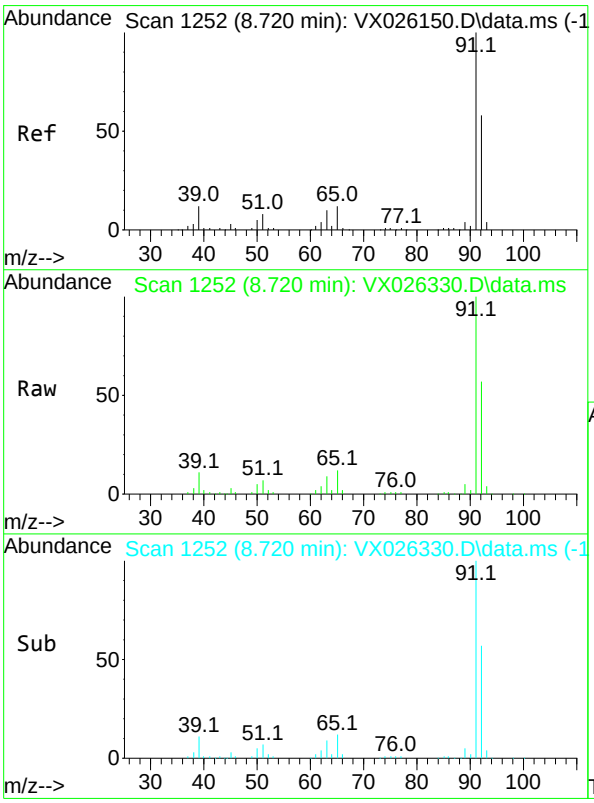

#51
4-Methyl-2-Pentanone
Concen: 0.283 ug/l
RT: 8.549 min Scan# 1
Delta R.T. -0.031 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 43 Resp: 879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 30.8 | 46.2# |

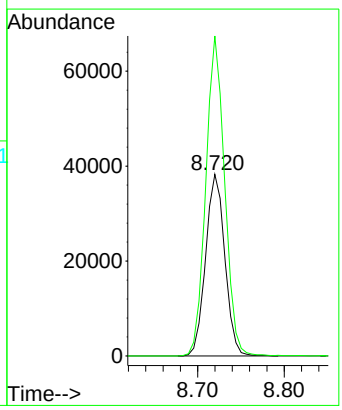


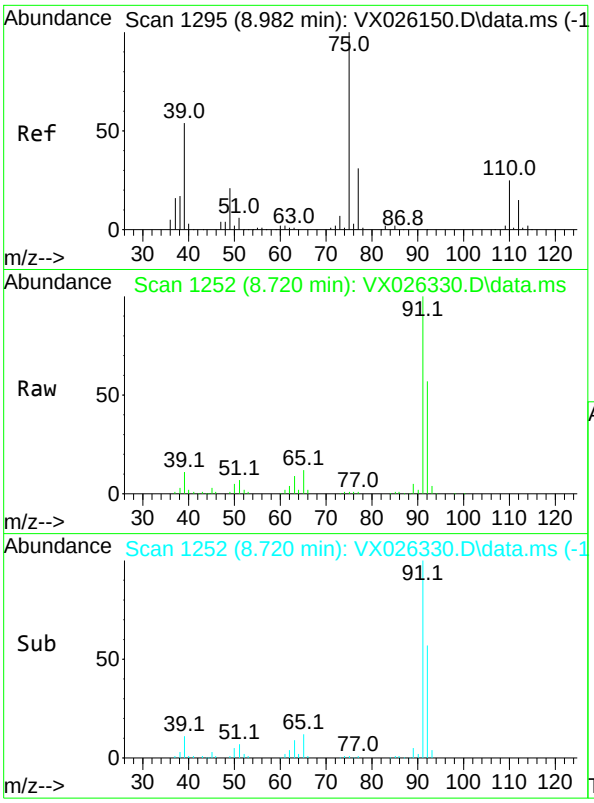




#52
Toluene
Concen: 12.717 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

Tgt Ion: 92 Resp: 59025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 172.8 | 136.0 | 204.0 |



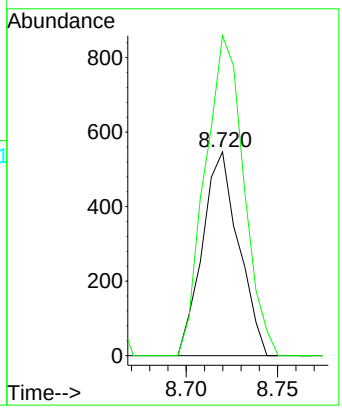


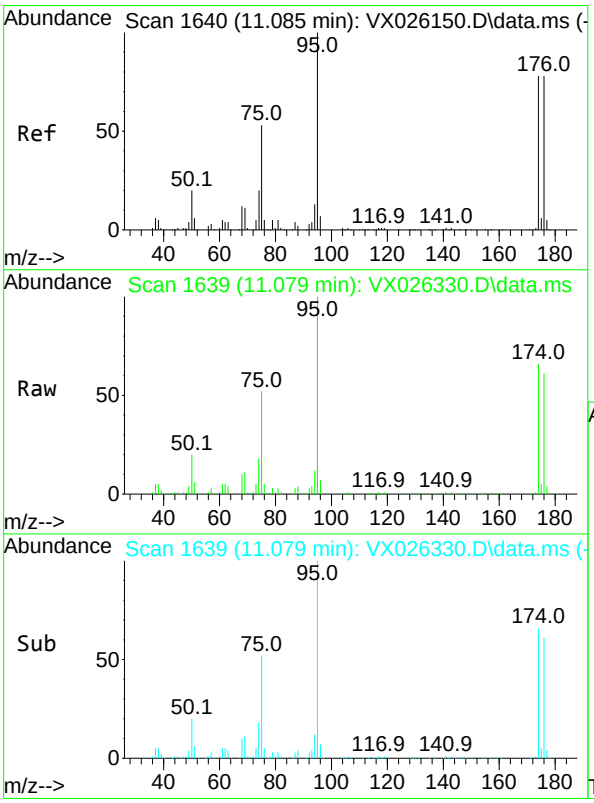

#53
t-1,3-Dichloropropene
Concen: 2.128 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.262 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 75 Resp: 755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 157.0 | 25.1 | 37.7# |

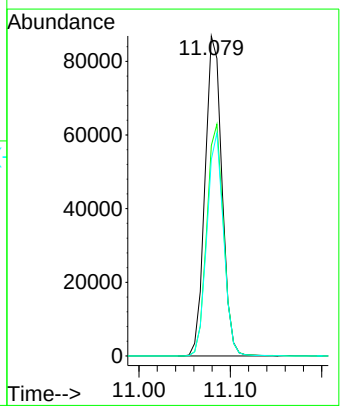


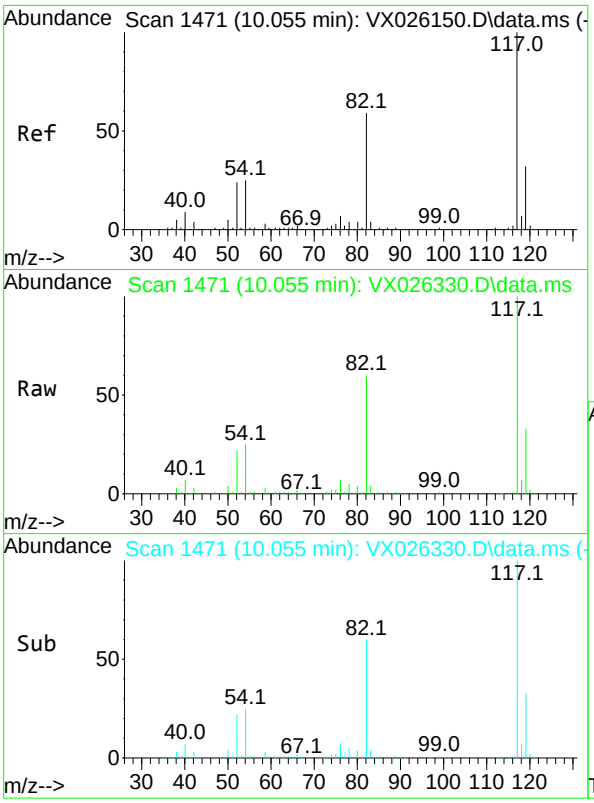




#62
4-Bromofluorobenzene
Concen: 51.563 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

Tgt Ion: 95 Resp: 111827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 71.8 | 0.0 | 157.4 |
| 176 | 68.5 | 0.0 | 154.6 |



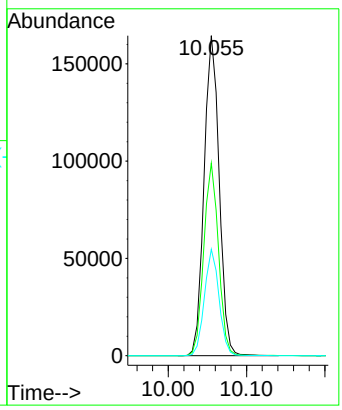


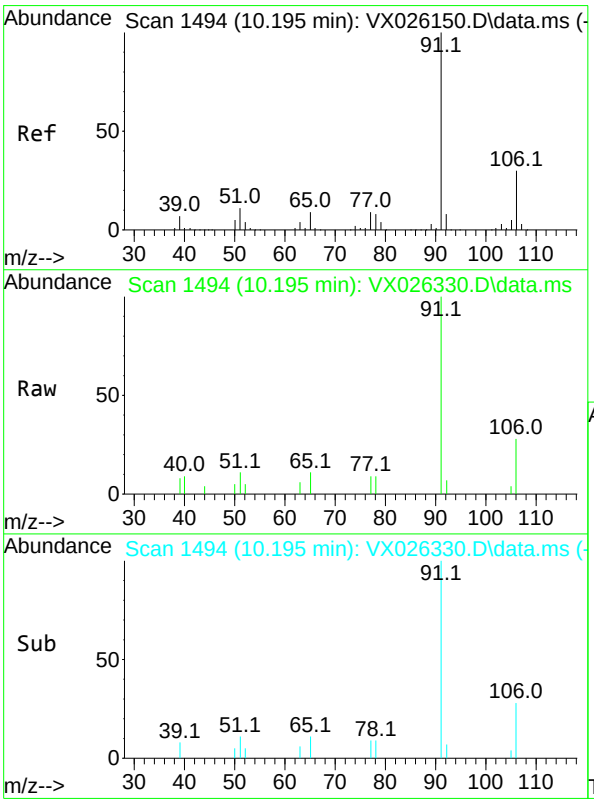

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:117 Resp: 219808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 60.1 | 43.8 | 65.6 |
| 119 | 33.3 | 25.2 | 37.8 |

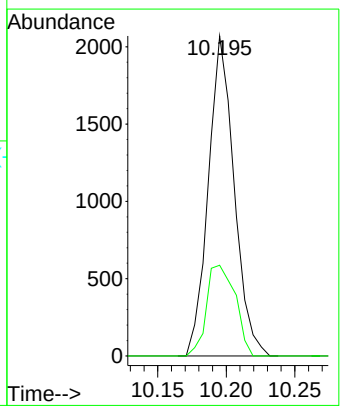


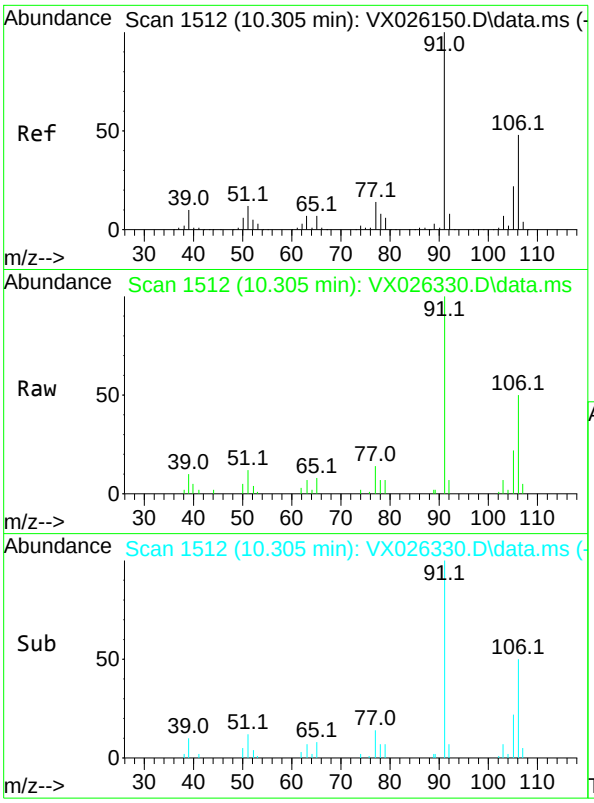




#67
Ethyl Benzene
Concen: 0.314 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

Tgt Ion: 91 Resp: 2709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 28.4 | 25.7 | 38.5 |



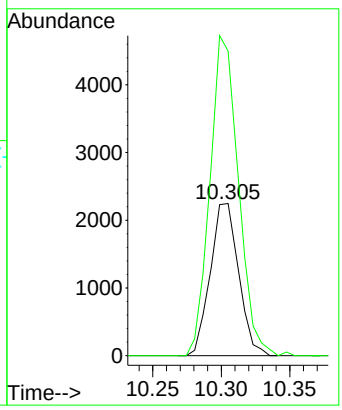


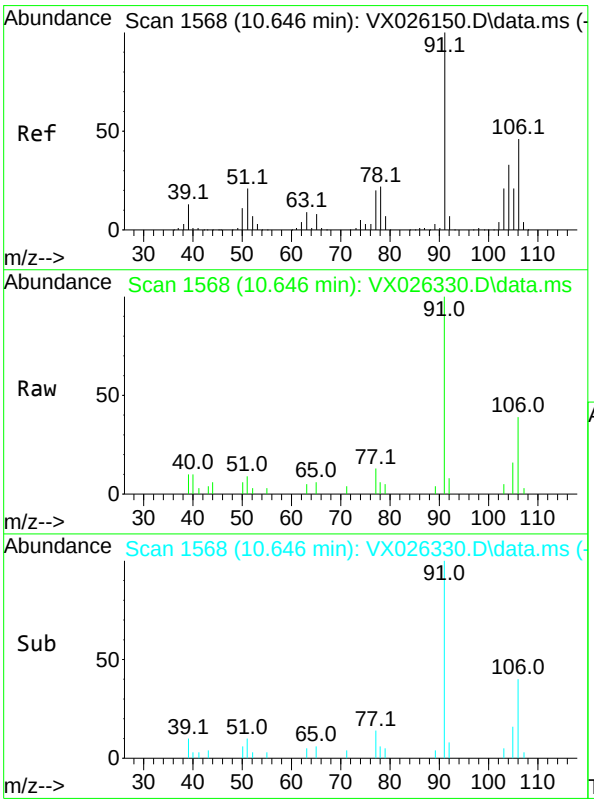

#68
m/p-Xylenes
Concen: 1.002 ug/l
RT: 10.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:106 Resp: 3231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 211.7 | 158.6 | 238.0 |

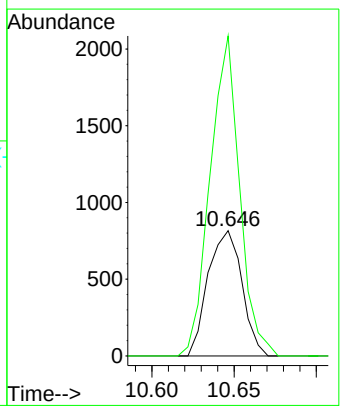


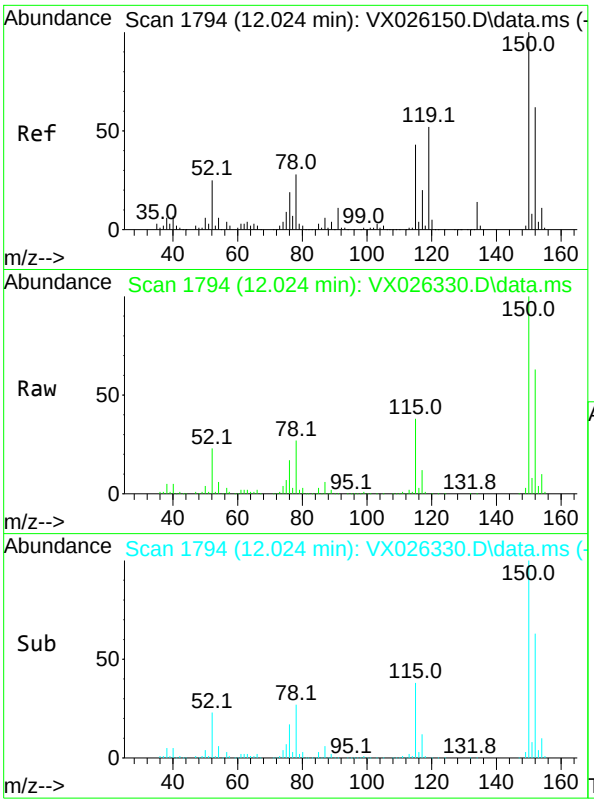




#69
o-Xylene
Concen: 0.370 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

Tgt Ion:106 Resp: 1168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 222.8 | 105.5 | 316.4 |



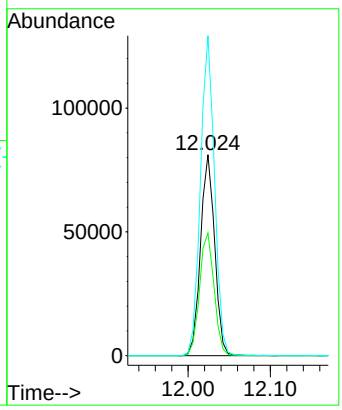


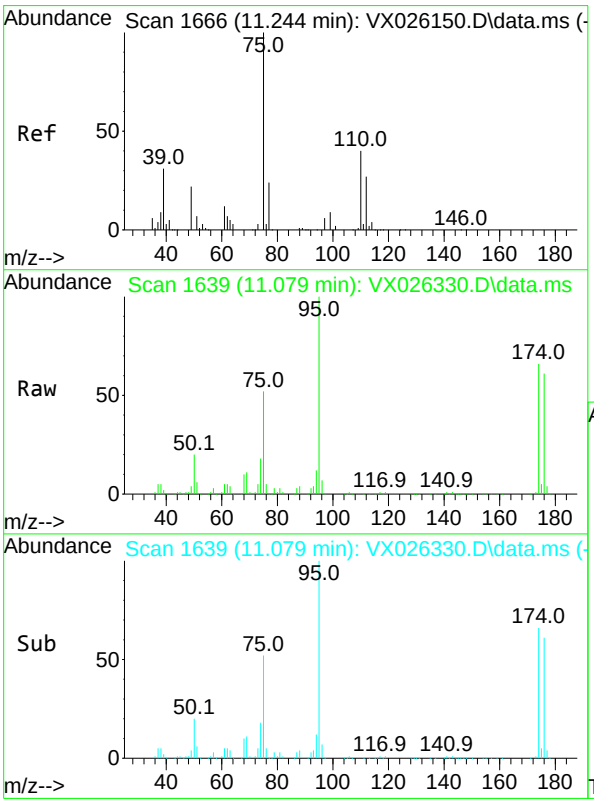

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:152 Resp: 97244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 62.8 | 41.3 | 123.9 |
| 150 | 158.5 | 0.0 | 351.8 |

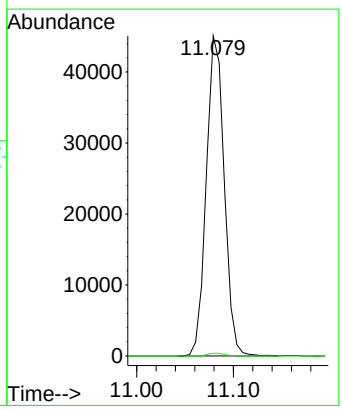


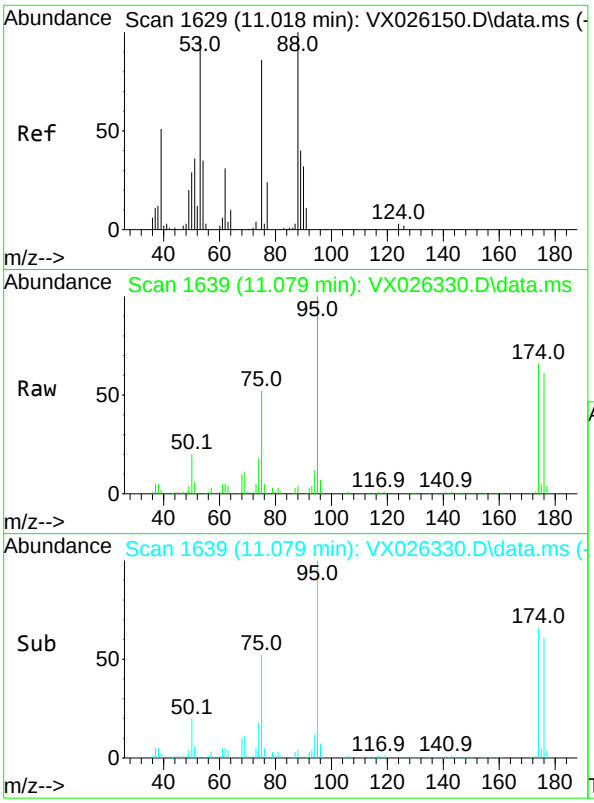




#76
1,2,3-Trichloropropane
Concen: 24.736 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

Tgt Ion: 75 Resp: 58062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.8 | 19.0 | 57.0# |






#81
trans-1,4-Dichloro-2-butene
Concen: 71.563 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026330.D
Acq: 05 Jan 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 75 Resp: 58062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 79.5 | 119.3# |
| 89 | 0.0 | 38.3 | 57.5# |