Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031022\
Data File : VX027373.D
Acq On : 10 Mar 2022 13:34
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 11 00:45:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.556 | 168 | 392637 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 637593 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 595753 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 276029 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.958 | 65 | 201219 | 43.946 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 61 - 141 | | Recovery = 87.900% | | | |
| 35) Dibromofluoromethane | 5.391 | 113 | 201380 | 48.948 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 69 - 133 | | Recovery = 97.900% | | | |
| 50) Toluene-d8 | 8.653 | 98 | 748478 | 48.189 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 65 - 126 | | Recovery = 96.380% | | | |
| 62) 4-Bromofluorobenzene | 11.085 | 95 | 270843 | 45.753 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 135 | | Recovery = 91.500% | | | |
| Target Compounds | | | | | | Qvalue |
| 5) Bromomethane | 1.611 | 94 | 515 | Below Cal | # | 78 |
| 6) Chloroethane | 1.666 | 64 | 171 | 0.518 | ug/l # | 43 |
| 10) Methyl Iodide | 2.453 | 142 | 1679 | 0.300 | ug/l | 99 |
| 16) Acetone | 2.380 | 43 | 1503 | Below Cal | # | 86 |
| 20) Methylene Chloride | 2.794 | 84 | 962 | 0.215 | ug/l # | 71 |
| 31) Cyclohexane | 5.550 | 56 | 5879 | 0.918 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 5.556 | 75 | 25198 | 4.411 | ug/l # | 50 |
| 38) Carbon Tetrachloride | 5.562 | 117 | 36901 | 6.247 | ug/l # | 16 |
| 51) 4-Methyl-2-Pentanone | 8.653 | 43 | 2294 | 0.378 | ug/l # | 1 |
| 76) 1,2,3-Trichloropropane | 11.079 | 75 | 124038 | 20.481 | ug/l # | 38 |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75 | 124038 | 66.239 | ug/l # | 15 |

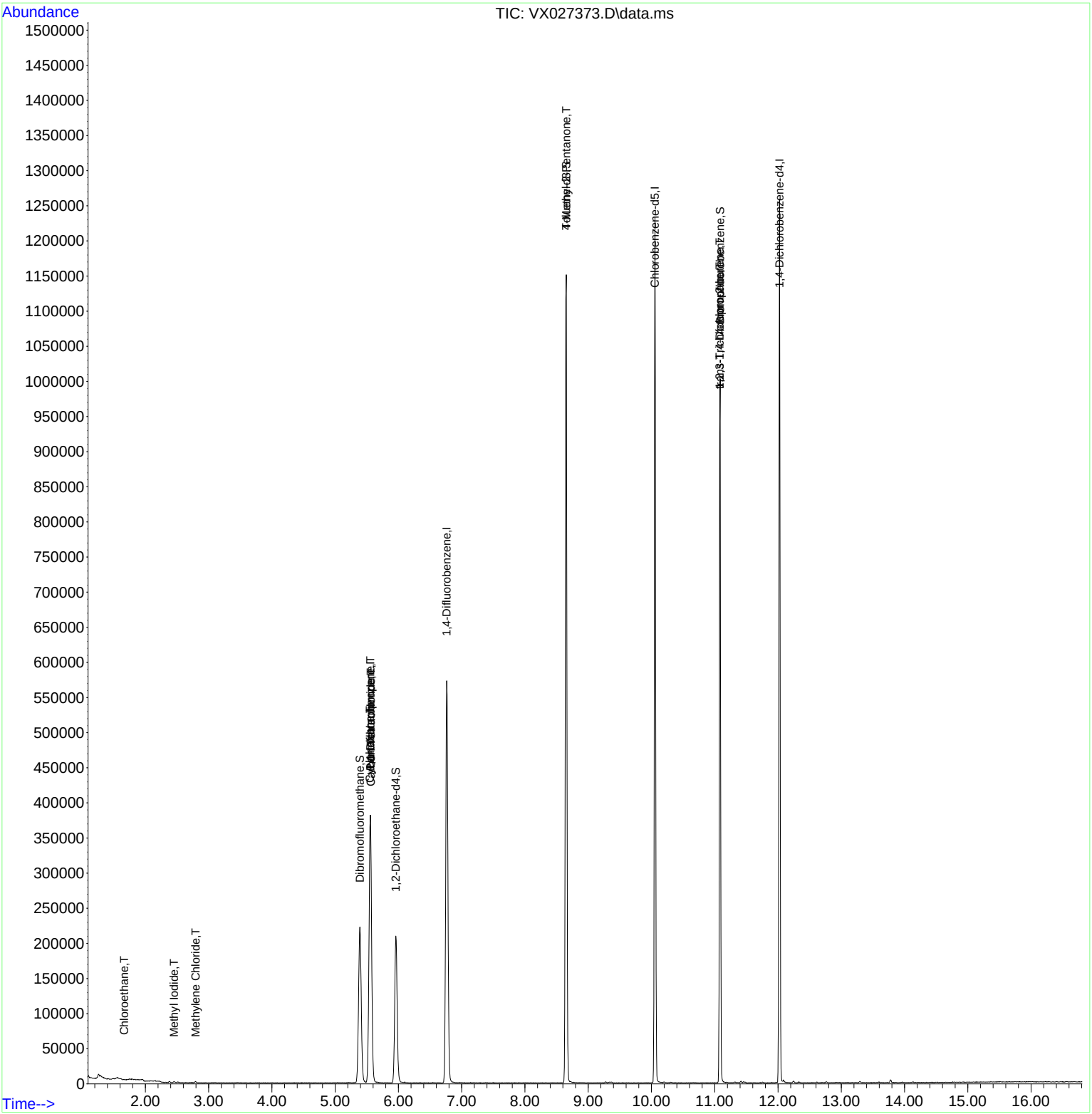
(#) = qualifier out of range (m) = manual integration (+) = signals summed

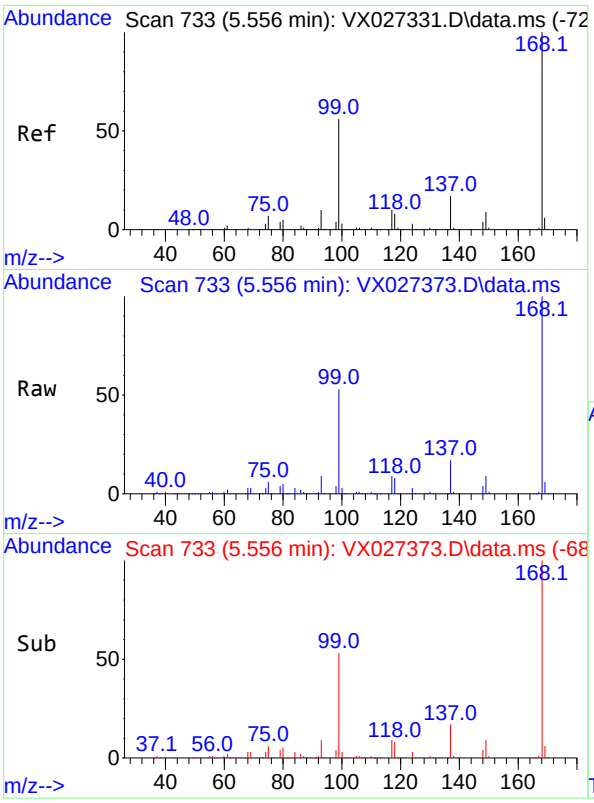
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031022\
Data File : VX027373.D
Acq On : 10 Mar 2022 13:34
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 11 00:45:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration



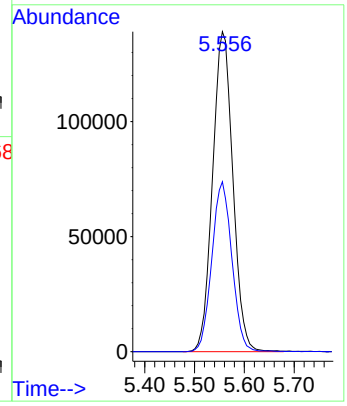


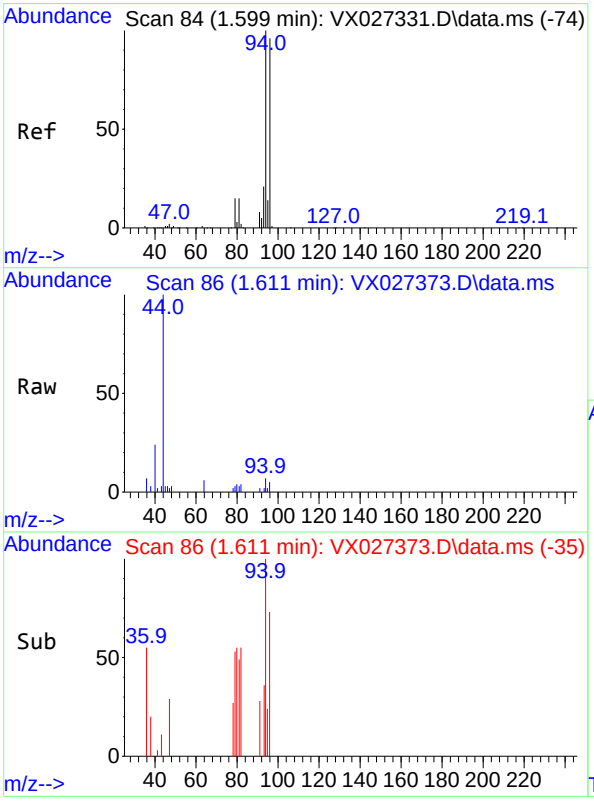

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX027373.D
Acq: 10 Mar 2022 13:34

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

Tgt Ion:168 Resp: 392637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 53.1 | 41.7 | 62.5 |

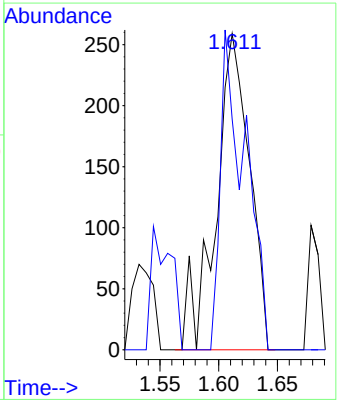


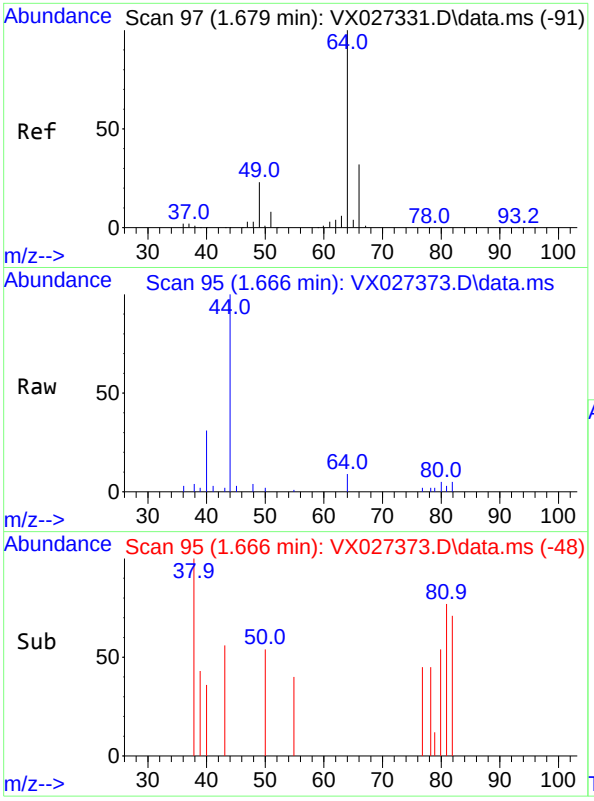




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027373.D
Acq: 10 Mar 2022 13:34

Tgt Ion: 94 Resp: 515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 73.0 | 75.3 | 112.9# |



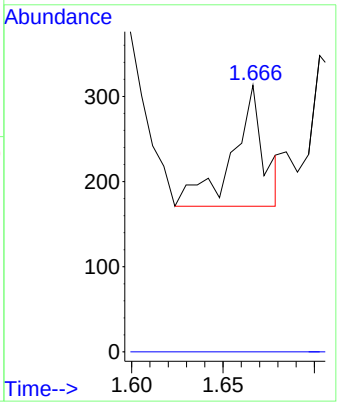


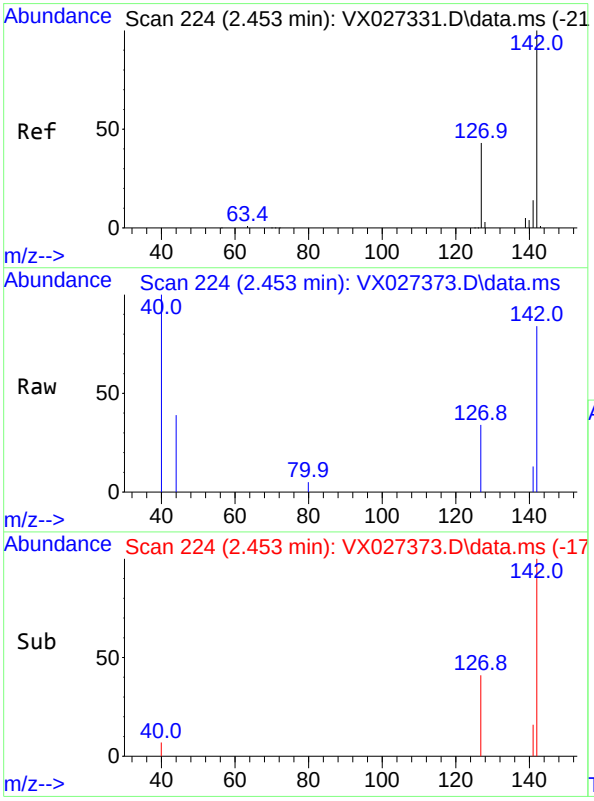

#6
Chloroethane
Concen: 0.518 ug/l
RT: 1.666 min Scan# 9
Delta R.T. -0.013 min
Lab File: VX027373.D
Acq: 10 Mar 2022 13:34

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

Tgt Ion: 64 Resp: 171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 0.0 | 25.3 | 37.9# |

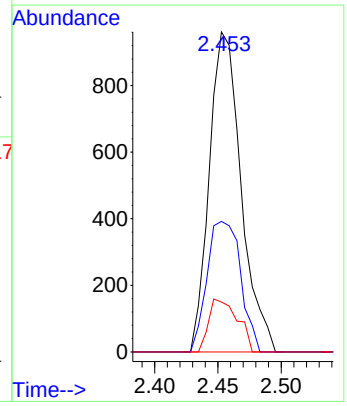


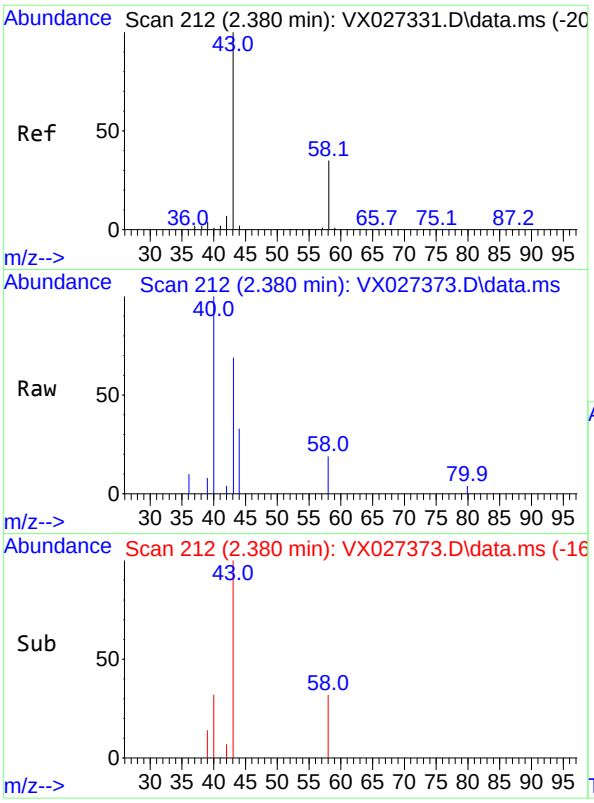




#10
Methyl Iodide
Concen: 0.300 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX027373.D
Acq: 10 Mar 2022 13:34

Tgt Ion:142 Resp: 1679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 43.1 | 33.9 | 50.9 |
| 141 | 15.0 | 11.4 | 17.2 |



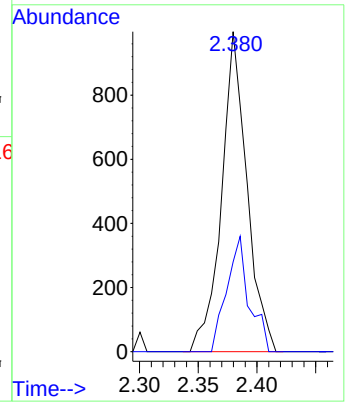


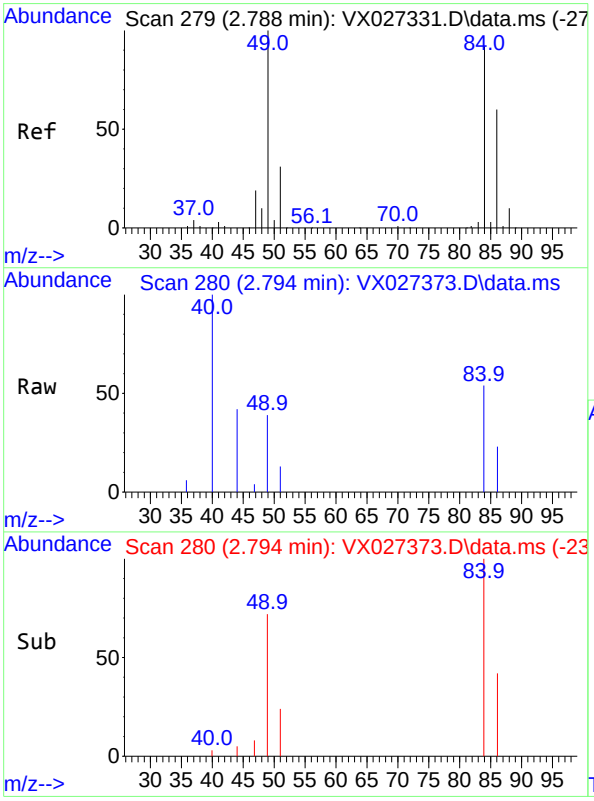

#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027373.D
Acq: 10 Mar 2022 13:34

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

Tgt Ion: 43 Resp: 1503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.1 | 28.8 | 43.2# |

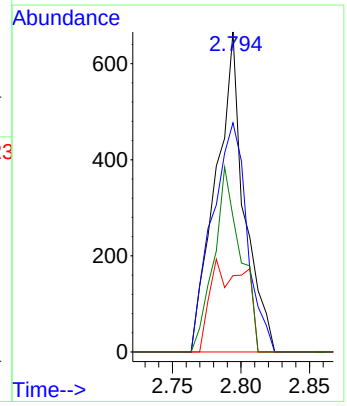


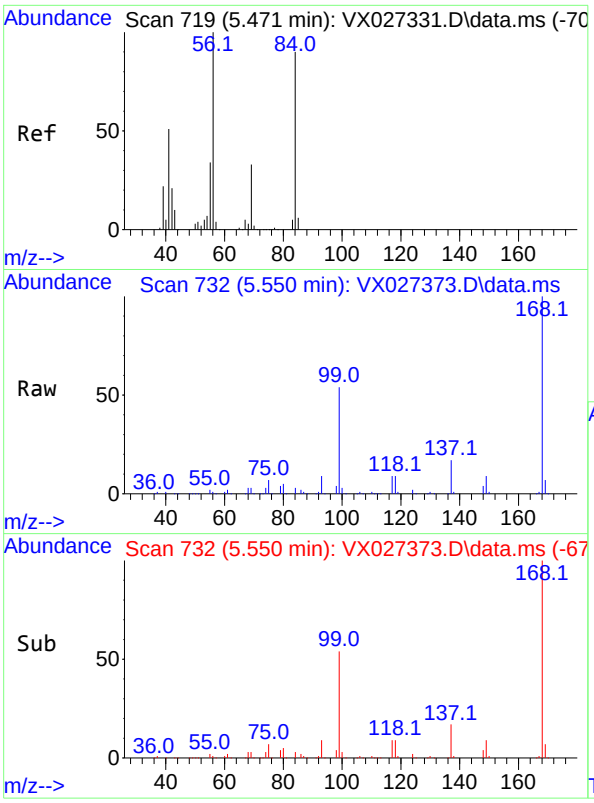




#20
Methylene Chloride
Concen: 0.215 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX027373.D
Acq: 10 Mar 2022 13:34

Tgt Ion: 84 Resp: 962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 71.6 | 85.5 | 128.3# |
| 51 | 23.9 | 26.6 | 39.8# |
| 86 | 42.2 | 51.5 | 77.3# |



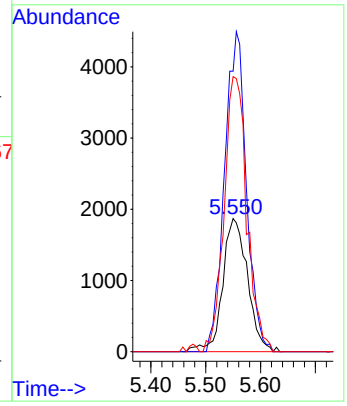


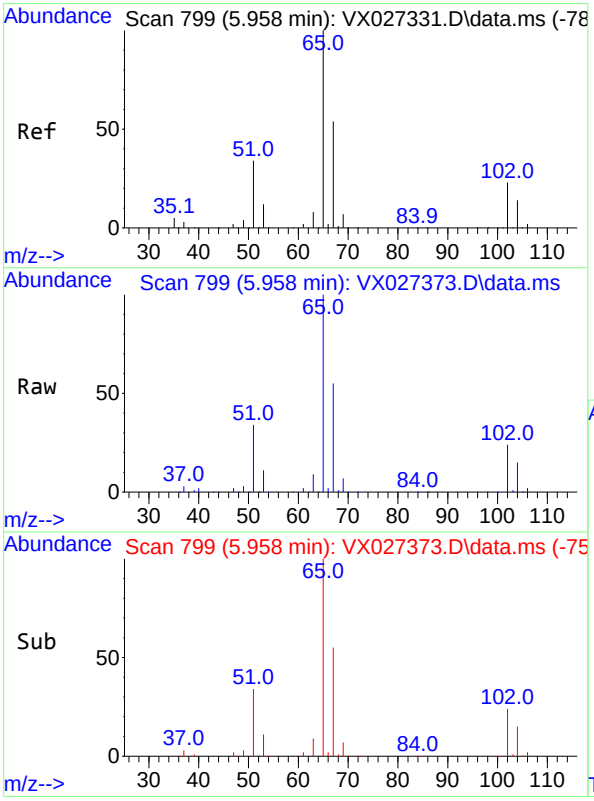

#31
Cyclohexane
Concen: 0.918 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.079 min
Lab File: VX027373.D
Acq: 10 Mar 2022 13:34

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

Tgt Ion: 56 Resp: 5879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 210.9 | 26.7 | 40.1# |
| 84 | 206.7 | 77.2 | 115.8# |

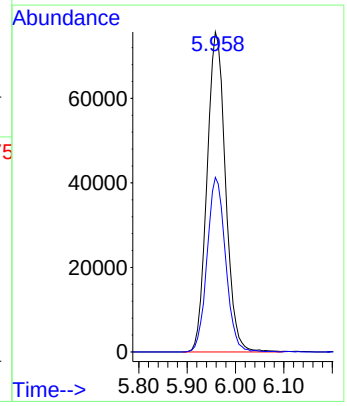


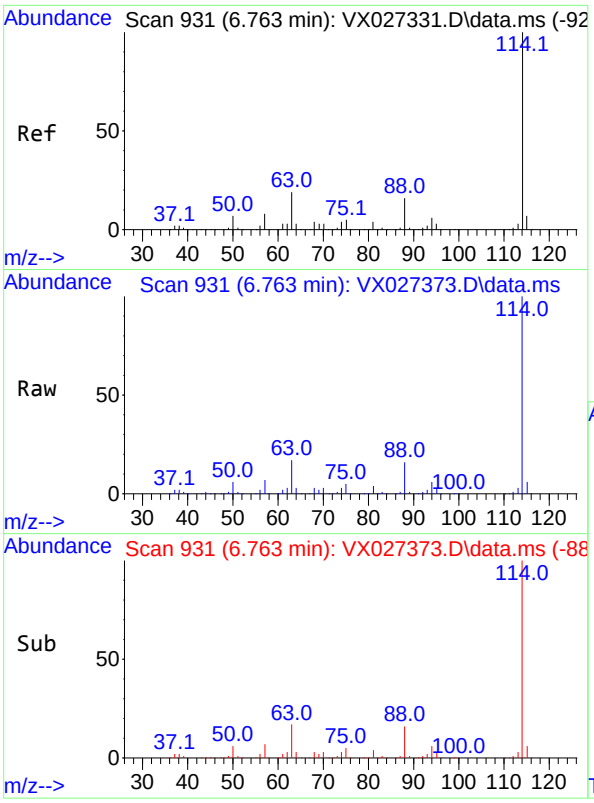




#33
1,2-Dichloroethane-d4
Concen: 43.946 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027373.D
Acq: 10 Mar 2022 13:34

Tgt Ion: 65 Resp: 201219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.4 | 0.0 | 107.4 |



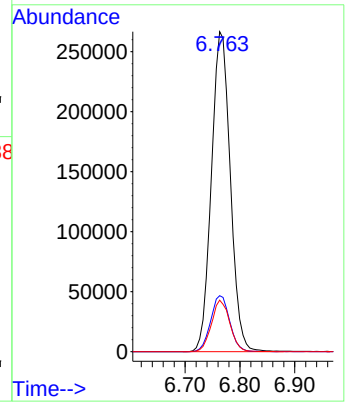


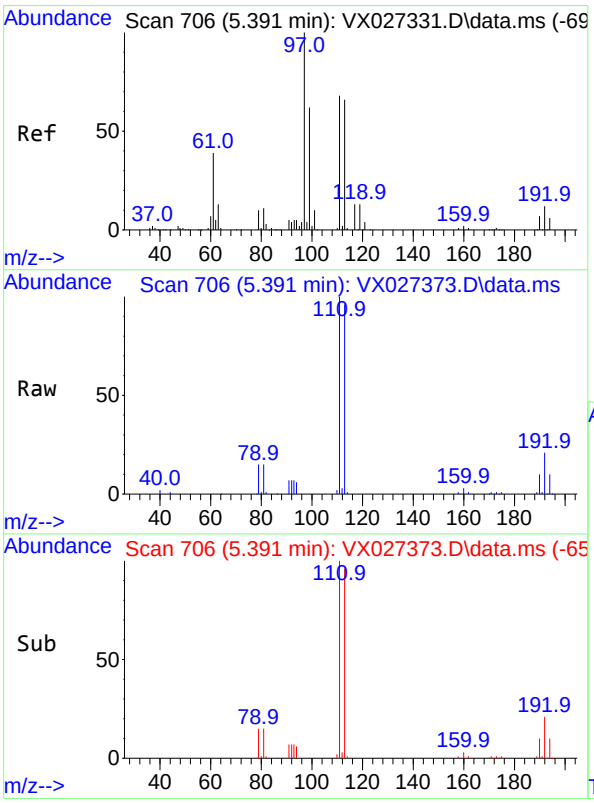

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX027373.D
Acq: 10 Mar 2022 13:34

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

Tgt Ion:114 Resp: 637593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.5 | 0.0 | 36.8 |
| 88 | 16.1 | 0.0 | 32.4 |

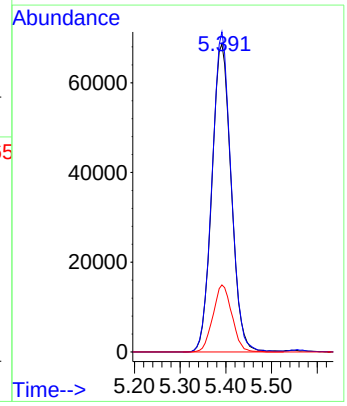


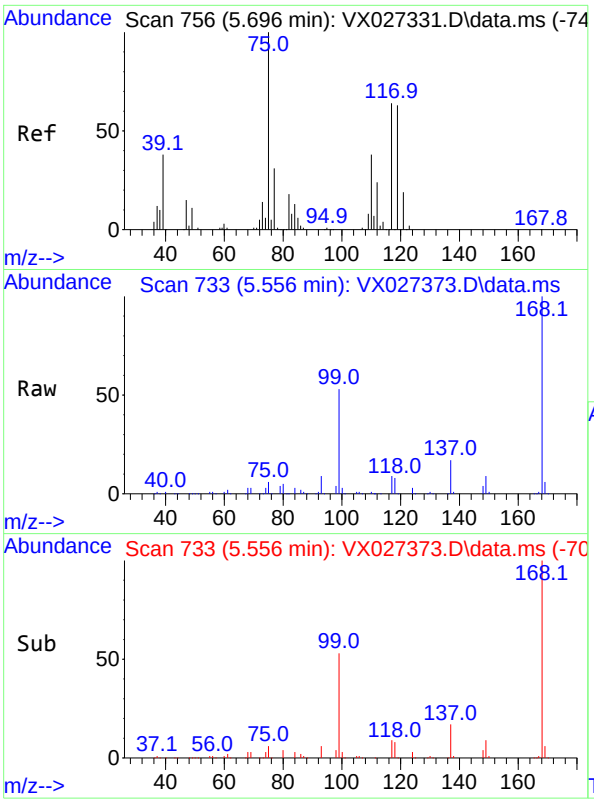




#35
Dibromofluoromethane
Concen: 48.948 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027373.D
Acq: 10 Mar 2022 13:34

Tgt Ion:113 Resp: 201380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.0 | 82.8 | 124.2 |
| 192 | 21.4 | 16.9 | 25.3 |



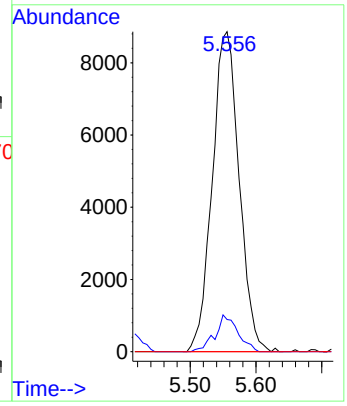


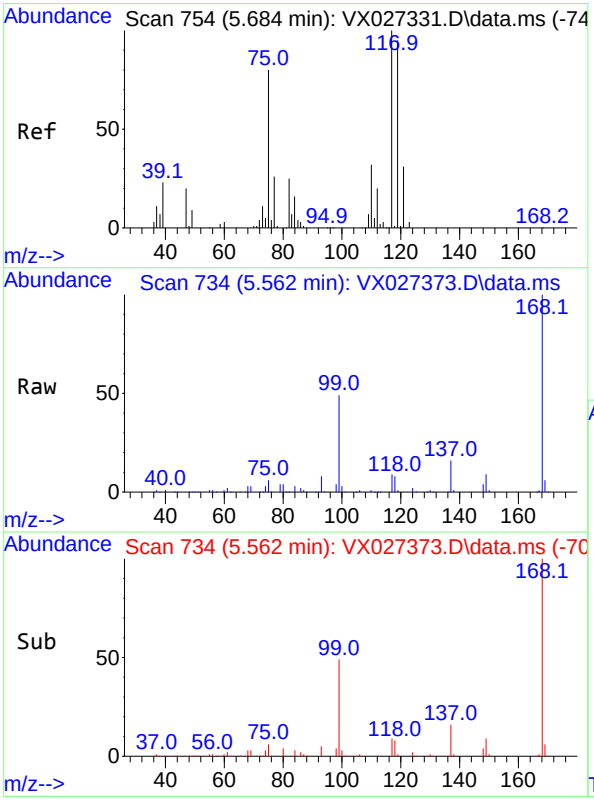

#36
1,1-Dichloropropene
Concen: 4.411 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX027373.D
Acq: 10 Mar 2022 13:34

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

Tgt Ion: 75 Resp: 25198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.8 | 18.3 | 54.8# |
| 77 | 0.0 | 24.8 | 37.2# |

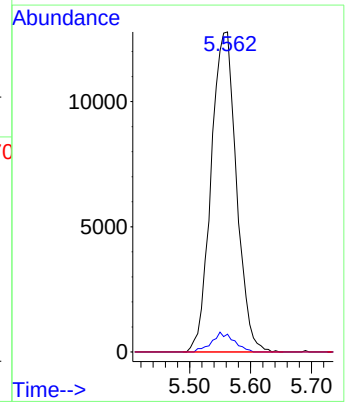


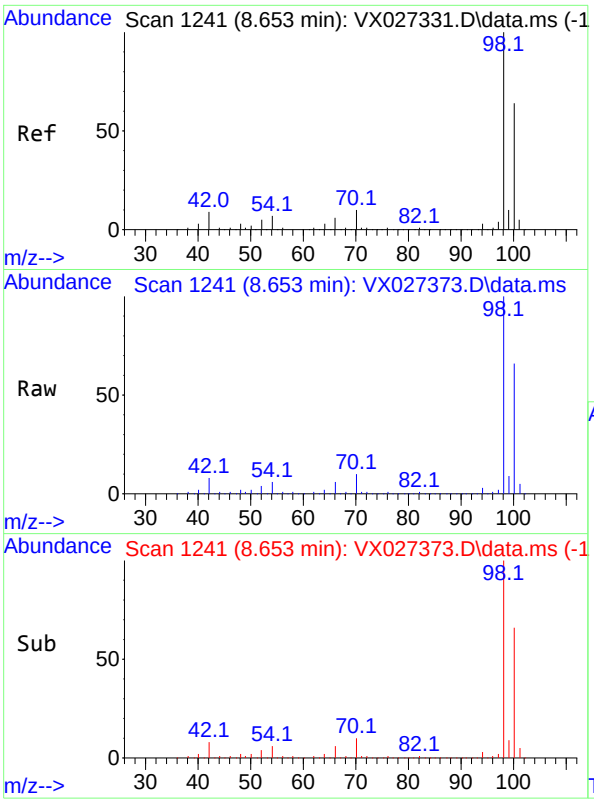




#38
Carbon Tetrachloride
Concen: 6.247 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX027373.D
Acq: 10 Mar 2022 13:34

Tgt Ion:117 Resp: 36901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.6 | 77.3 | 115.9# |
| 121 | 0.0 | 24.2 | 36.2# |



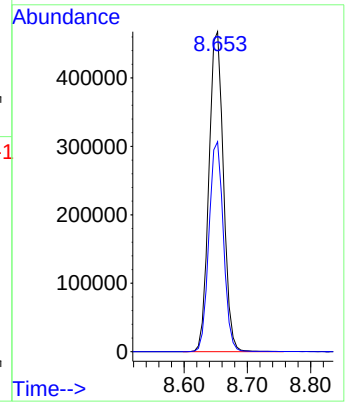


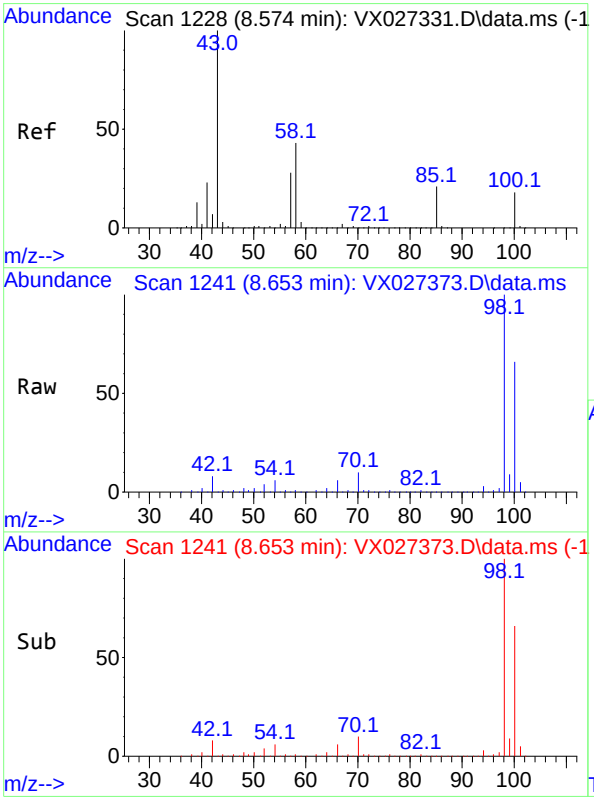

#50
Toluene-d8
Concen: 48.189 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027373.D
Acq: 10 Mar 2022 13:34

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

Tgt Ion: 98 Resp: 748478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.3 | 52.6 | 78.8 |

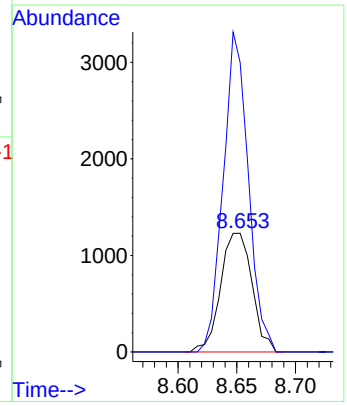


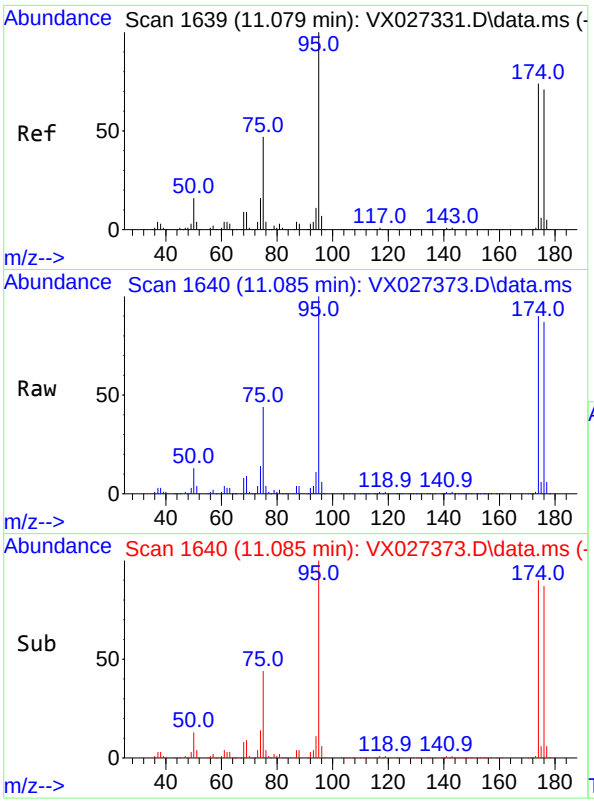




#51
4-Methyl-2-Pentanone
Concen: 0.378 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX027373.D
Acq: 10 Mar 2022 13:34

Tgt Ion: 43 Resp: 2294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 215.3 | 36.1 | 54.1# |



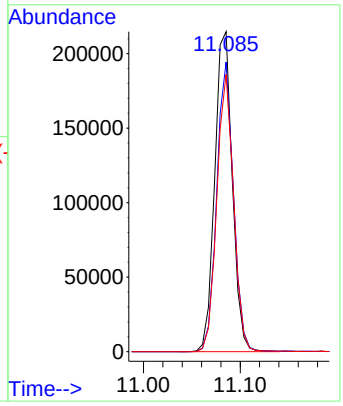


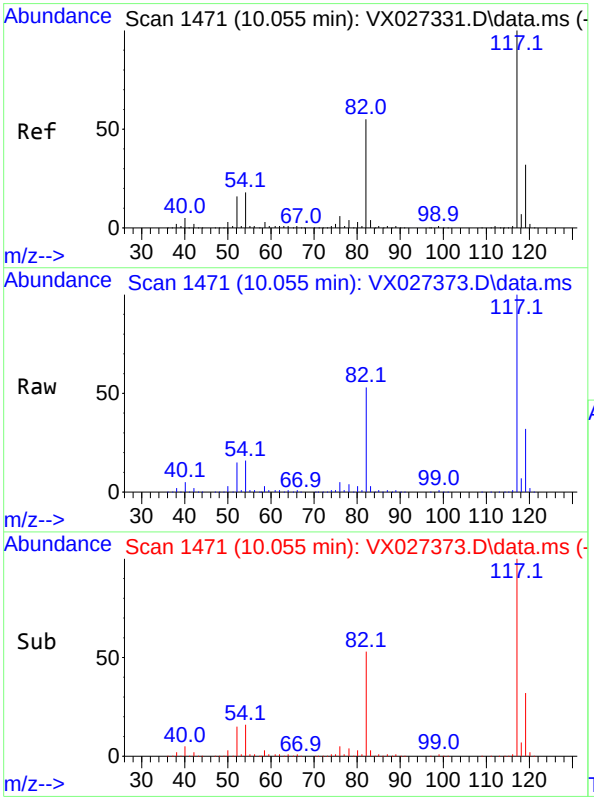

#62
4-Bromofluorobenzene
Concen: 45.753 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX027373.D
Acq: 10 Mar 2022 13:34

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

Tgt Ion: 95 Resp: 270843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 86.2 | 0.0 | 163.0 |
| 176 | 82.9 | 0.0 | 155.0 |

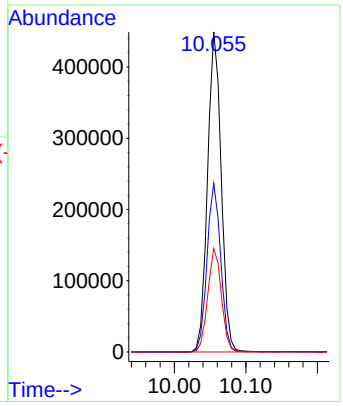


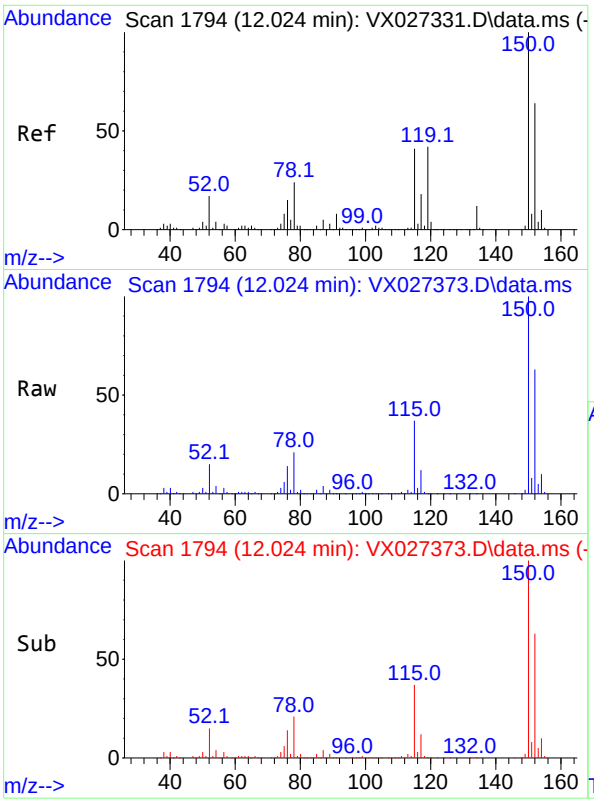




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027373.D
Acq: 10 Mar 2022 13:34

Tgt Ion:117 Resp: 595753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 52.7 | 41.8 | 62.8 |
| 119 | 32.4 | 24.8 | 37.2 |



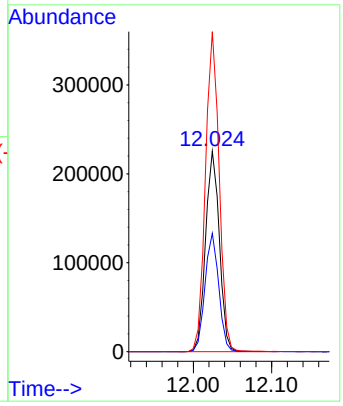


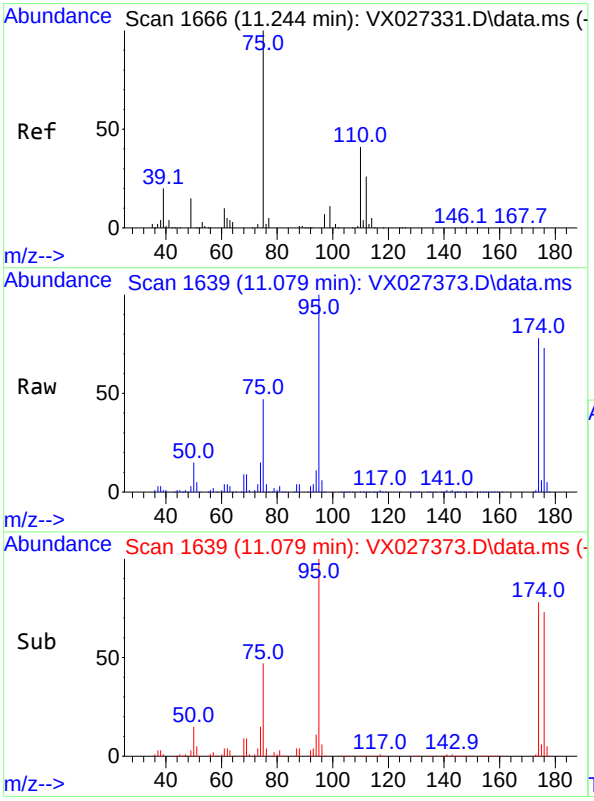

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027373.D
Acq: 10 Mar 2022 13:34

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

Tgt Ion:152 Resp: 276029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.8 | 37.5 | 112.7 |
| 150 | 158.1 | 0.0 | 338.2 |

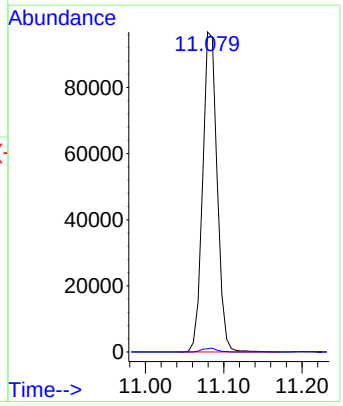


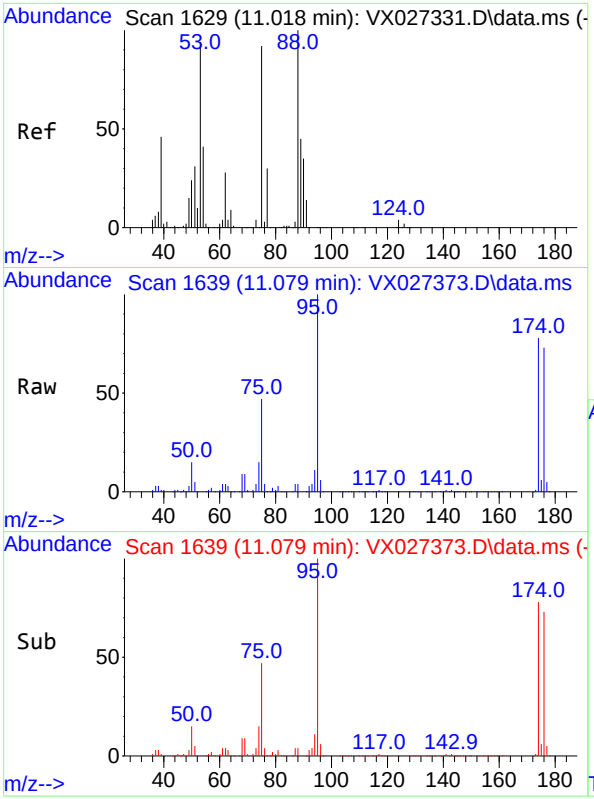




#76
1,2,3-Trichloropropane
Concen: 20.481 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027373.D
Acq: 10 Mar 2022 13:34

Tgt Ion: 75 Resp: 124038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.2 | 19.4 | 58.2# |






#81
trans-1,4-Dichloro-2-butene
Concen: 66.239 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX027373.D
Acq: 10 Mar 2022 13:34

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

Tgt Ion: 75 Resp: 124038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 69.0 | 103.4# |
| 89 | 0.0 | 37.0 | 55.6# |