Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
Data File : VX028249.D
Acq On : 21 Apr 2022 18:19
Operator : JC/MD
Sample : N2459-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
4922B

Quant Time: Apr 22 06:17:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

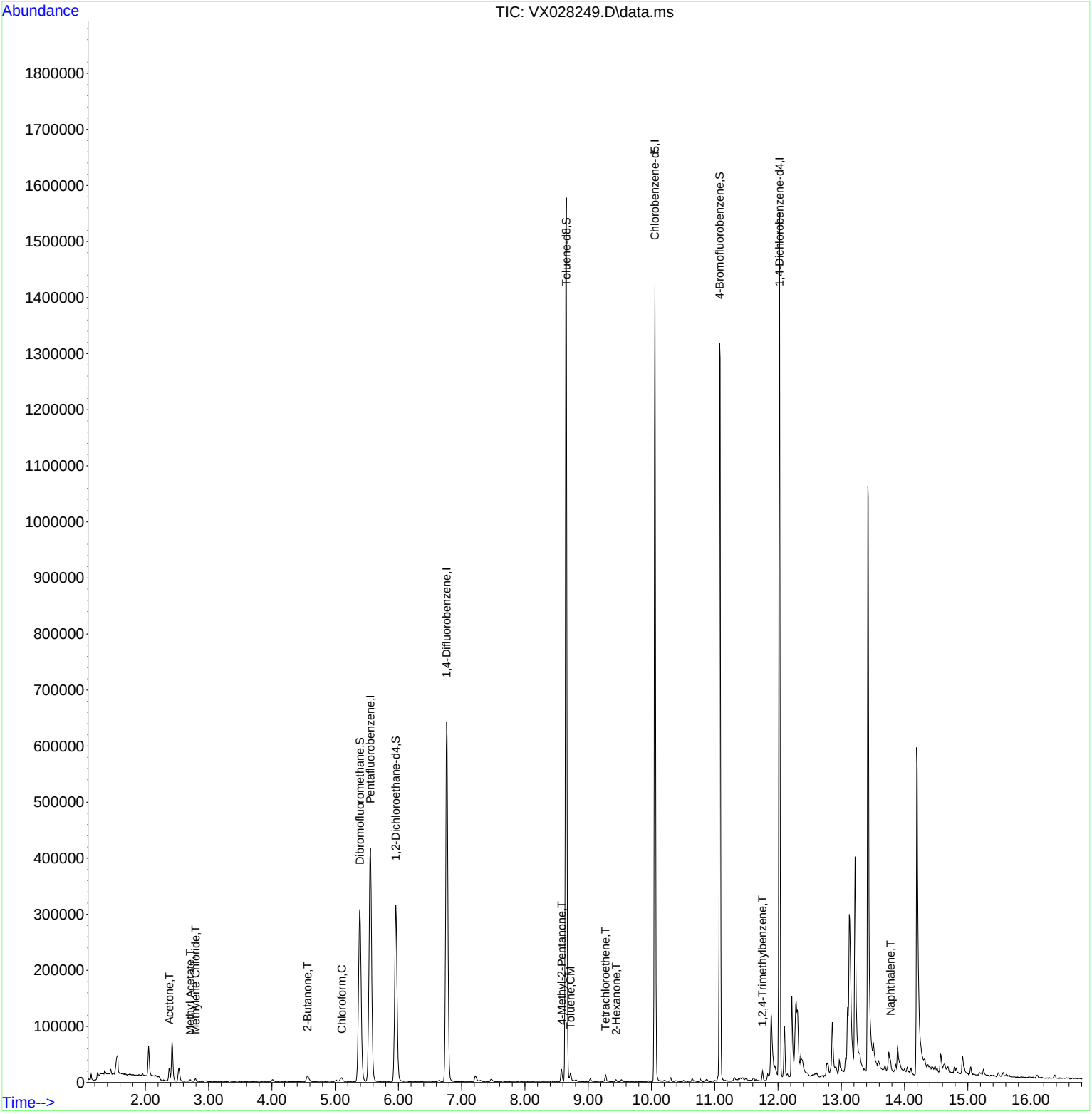
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.556 | 168 | 413309 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 702310 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 659544 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 321935 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.958 | 65 | 289132 | 53.652 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 61 - 141 | | Recovery = 107.300% | | | |
| 35) Dibromofluoromethane | 5.391 | 113 | 267584 | 54.329 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 69 - 133 | | Recovery = 108.660% | | | |
| 50) Toluene-d8 | 8.653 | 98 | 968162 | 51.180 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 65 - 126 | | Recovery = 102.360% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 351601 | 48.610 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 135 | | Recovery = 97.220% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 2.380 | 43 | 23136 | 12.731 | ug/l | 98 |
| 18) Methyl Acetate | 2.709 | 43 | 3749 | 0.782 | ug/l | 98 |
| 20) Methylene Chloride | 2.794 | 84 | 2354 | 0.589 | ug/l # | 76 |
| 25) 2-Butanone | 4.562 | 43 | 19173 | 6.007 | ug/l | 91 |
| 30) Chloroform | 5.105 | 83 | 8383 | 0.974 | ug/l | 97 |
| 51) 4-Methyl-2-Pentanone | 8.580 | 43 | 12943 | 1.901 | ug/l | 96 |
| 52) Toluene | 8.720 | 92 | 3291 | 0.252 | ug/l | 99 |
| 59) 2-Hexanone | 9.439 | 43 | 2288 | 0.434 | ug/l | 93 |
| 64) Tetrachloroethene | 9.275 | 164 | 1886 | 0.366 | ug/l # | 86 |
| 84) 1,2,4-Trimethylbenzene | 11.756 | 105 | 4547 | 0.244 | ug/l | 97 |
| 95) Naphthalene | 13.780 | 128 | 8427 | 0.395 | ug/l # | 93 |

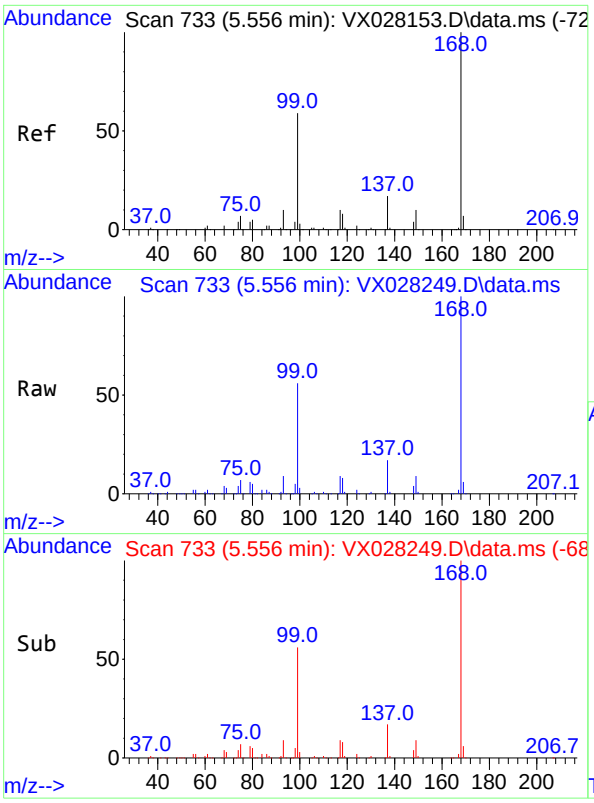
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
Data File : VX028249.D
Acq On : 21 Apr 2022 18:19
Operator : JC/MD
Sample : N2459-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
4922B

Quant Time: Apr 22 06:17:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration



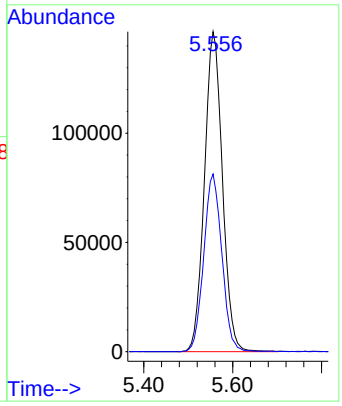


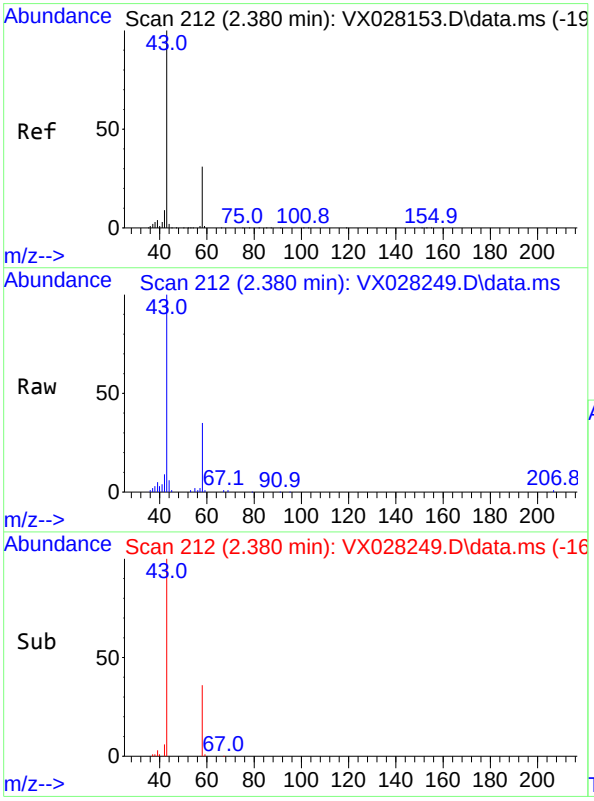

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
4922B

Tgt Ion:168 Resp: 413309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.5 | 41.7 | 62.5 |

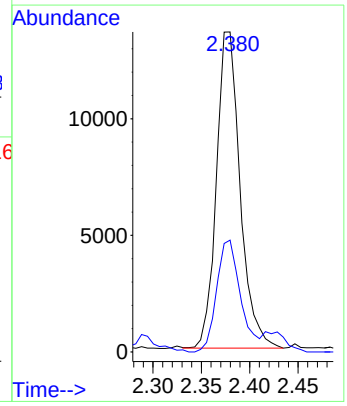


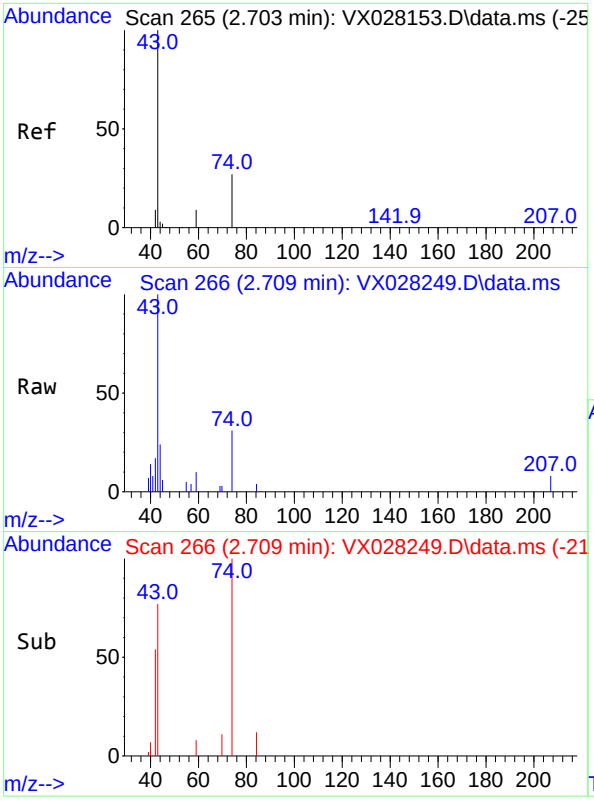




#16
Acetone
Concen: 12.731 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion: 43 Resp: 23136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.7 | 28.8 | 43.2 |



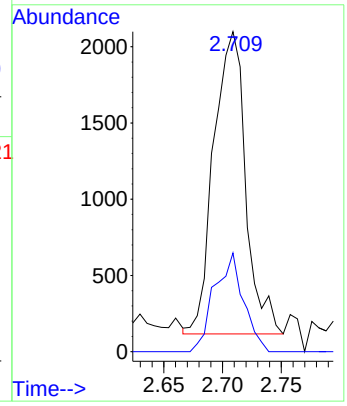


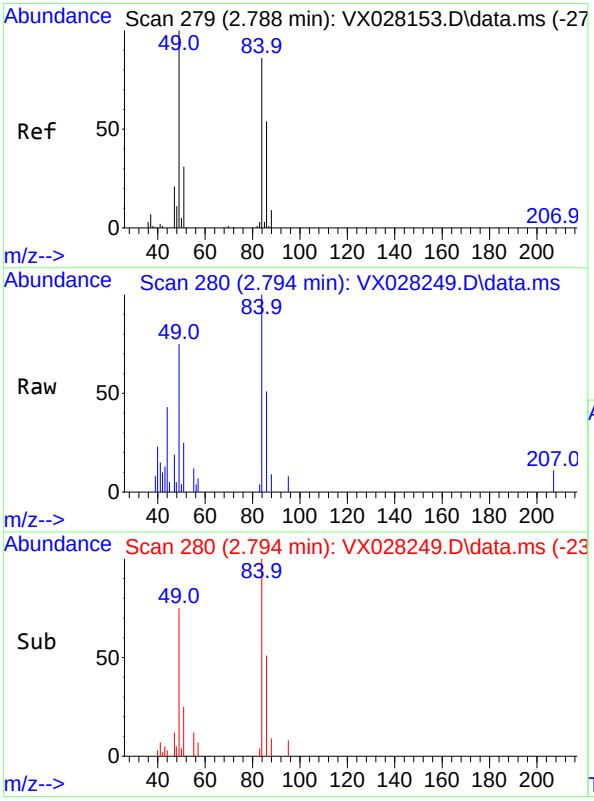

#18
Methyl Acetate
Concen: 0.782 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
4922B

Tgt Ion: 43 Resp: 3749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 29.7 | 22.8 | 34.2 |

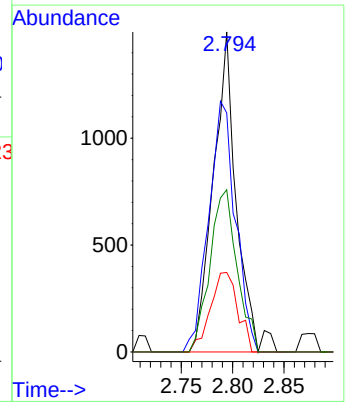


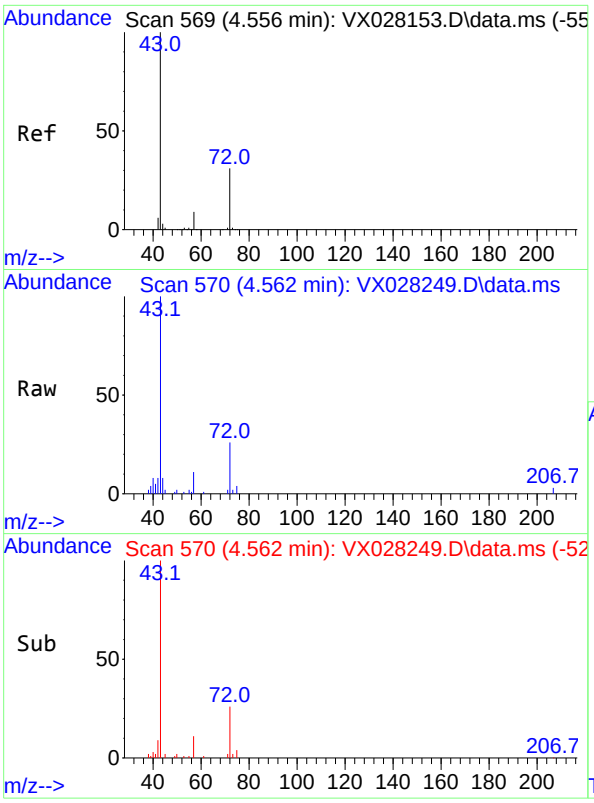




#20
Methylene Chloride
Concen: 0.589 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion: 84 Resp: 2354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 74.7 | 85.5 | 128.3# |
| 51 | 24.8 | 26.6 | 39.8# |
| 86 | 50.7 | 51.5 | 77.3# |



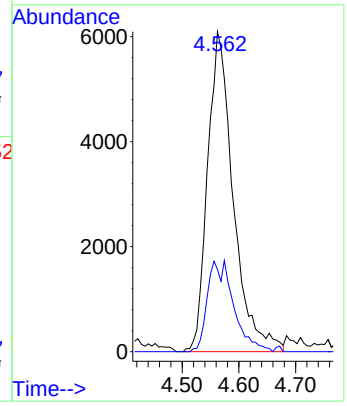


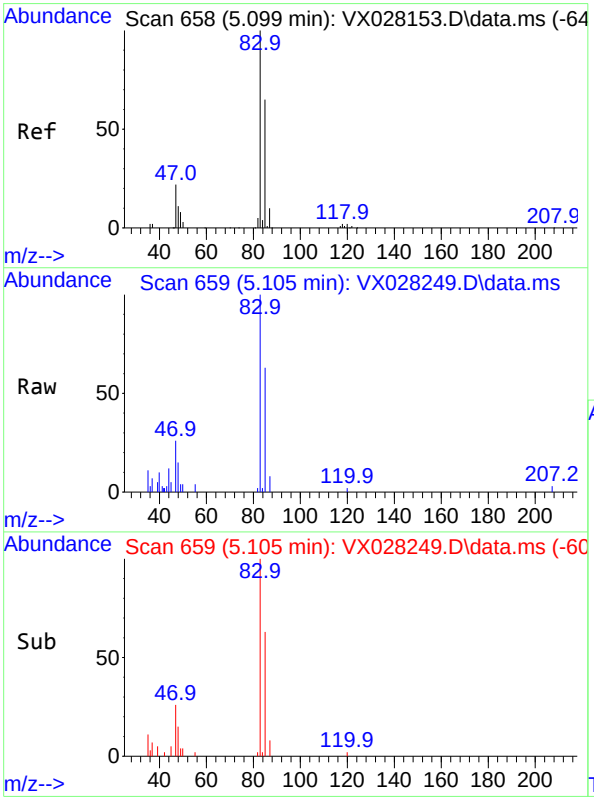

#25
2-Butanone
Concen: 6.007 ug/l
RT: 4.562 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
4922B

Tgt Ion: 43 Resp: 19173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 25.7 | 24.4 | 36.6 |

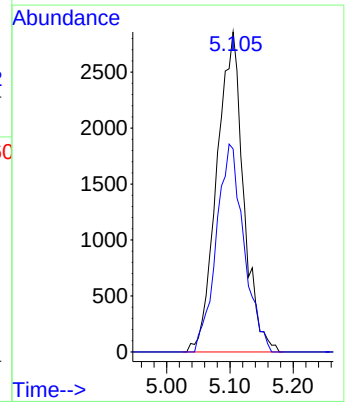


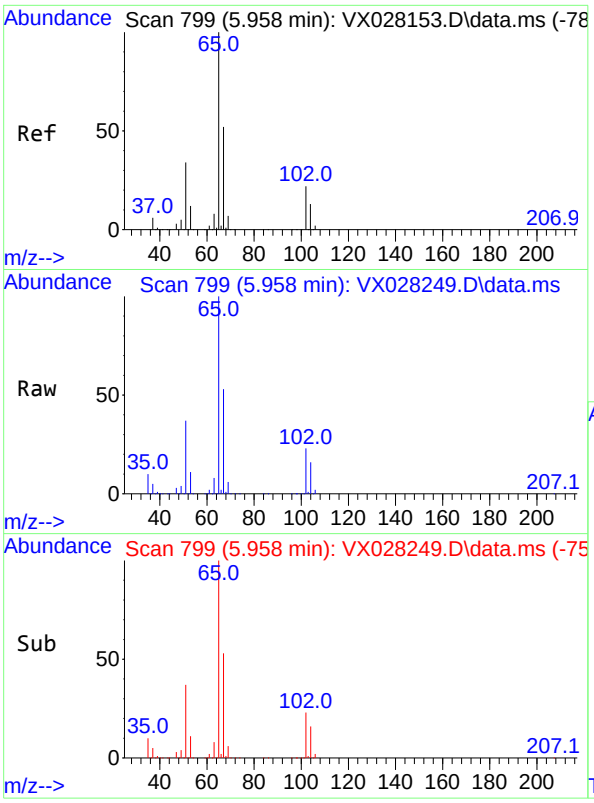




#30
Chloroform
Concen: 0.974 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion: 83 Resp: 8383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.4 | 52.7 | 79.1 |



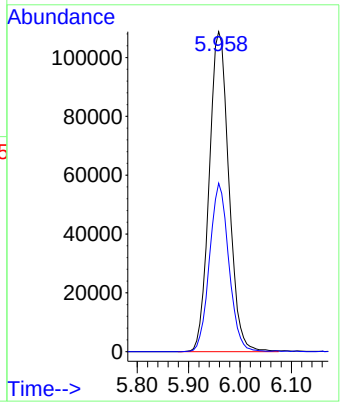


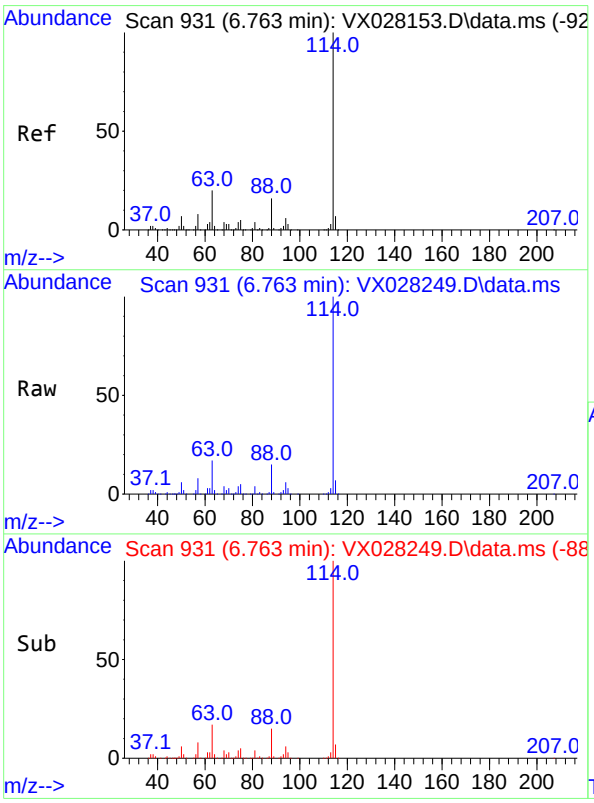

#33
1,2-Dichloroethane-d4
Concen: 53.652 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
4922B

Tgt Ion: 65 Resp: 289132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.7 | 0.0 | 107.4 |

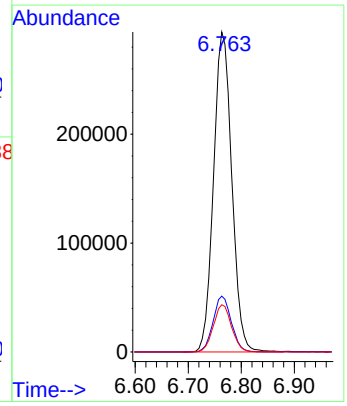


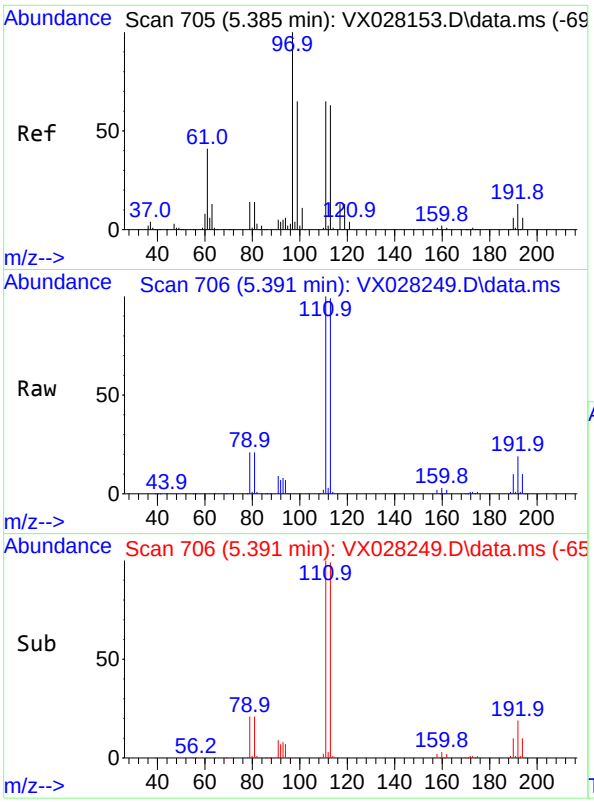




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion:114 Resp: 702310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.5 | 0.0 | 36.8 |
| 88 | 14.8 | 0.0 | 32.4 |



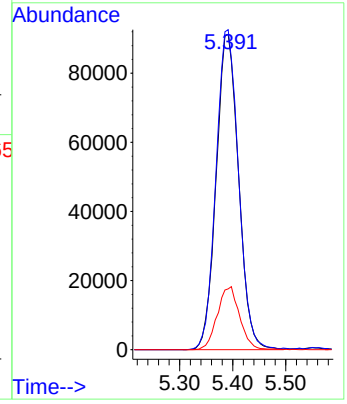


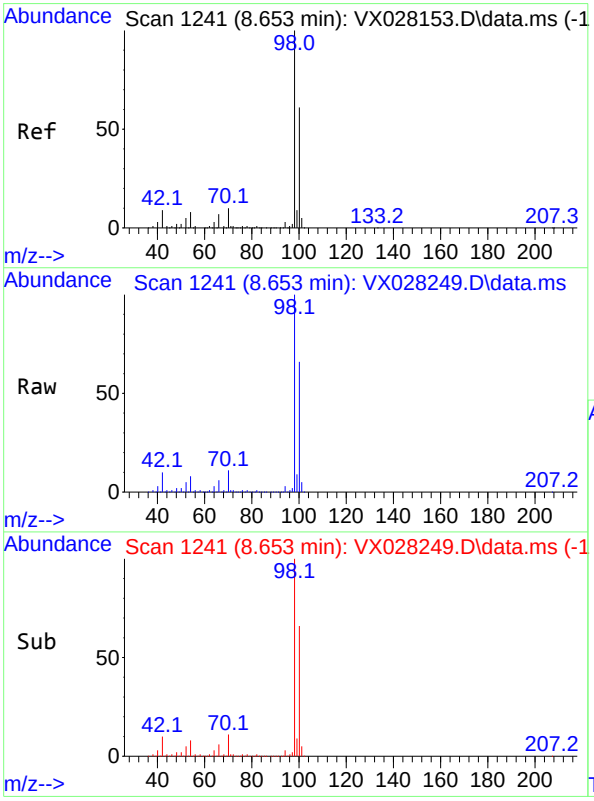

#35
Dibromofluoromethane
Concen: 54.329 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
4922B

Tgt Ion:113 Resp: 267584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.0 | 82.8 | 124.2 |
| 192 | 19.9 | 16.9 | 25.3 |

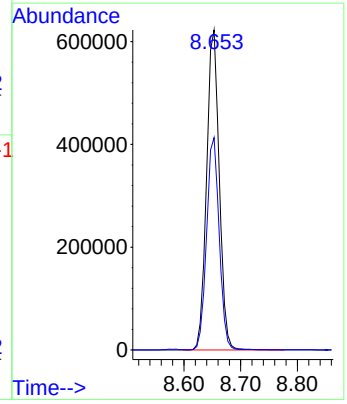


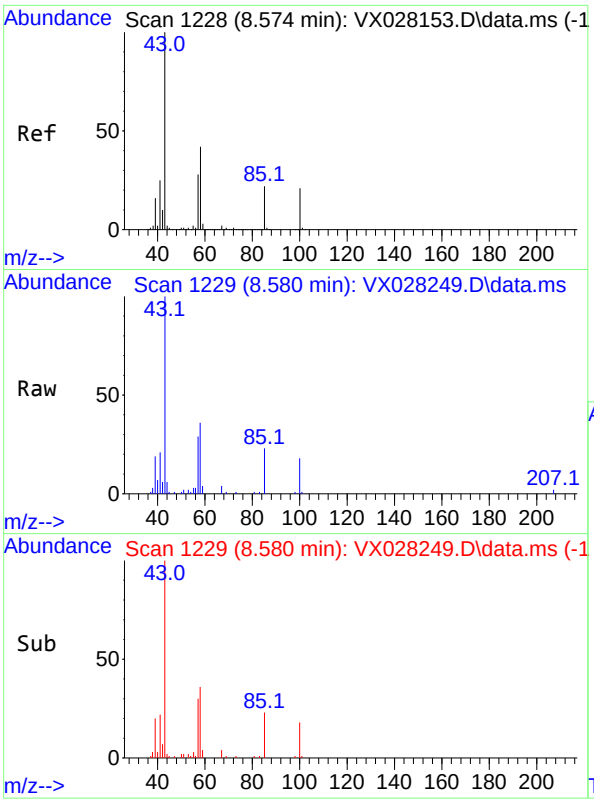




#50
Toluene-d8
Concen: 51.180 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion: 98 Resp: 968162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.1 | 52.6 | 78.8 |



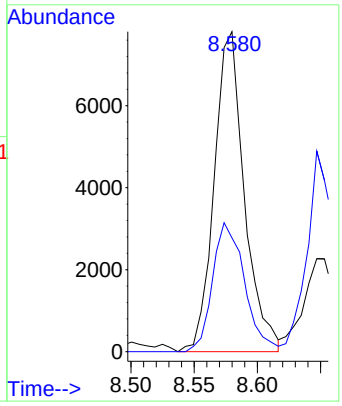


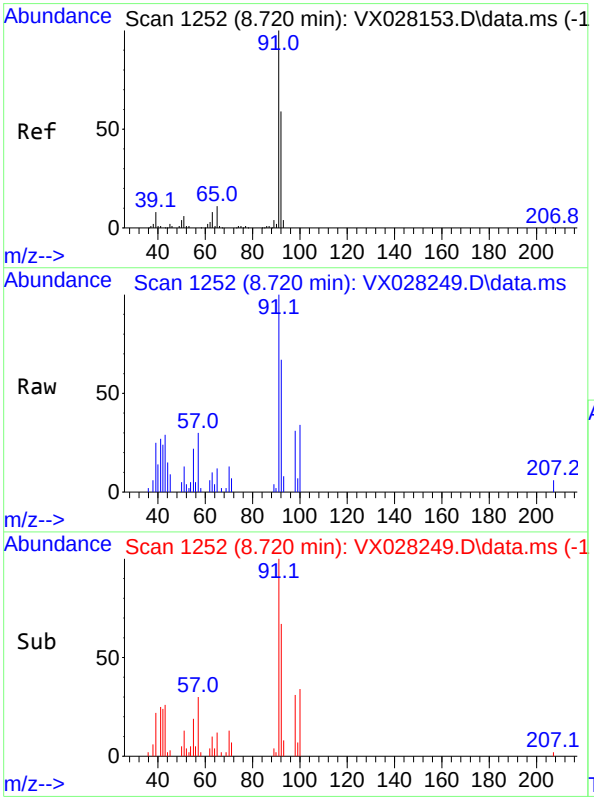

#51
4-Methyl-2-Pentanone
Concen: 1.901 ug/l
RT: 8.580 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
4922B

Tgt Ion: 43 Resp: 12943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 42.7 | 36.1 | 54.1 |

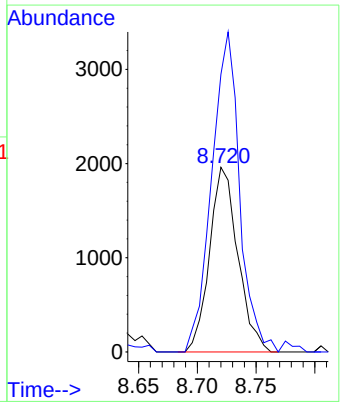


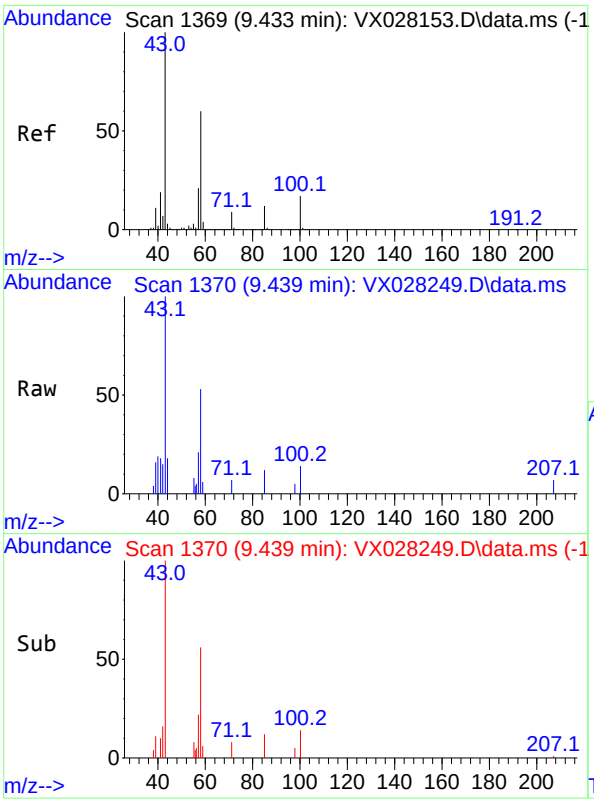




#52
Toluene
Concen: 0.252 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion: 92 Resp: 3291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 170.8 | 137.5 | 206.3 |



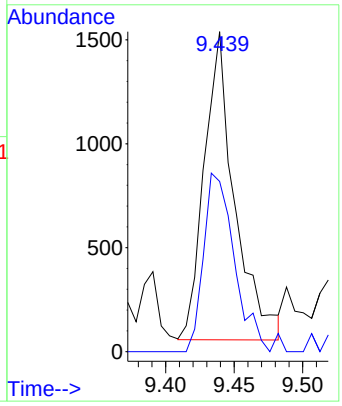


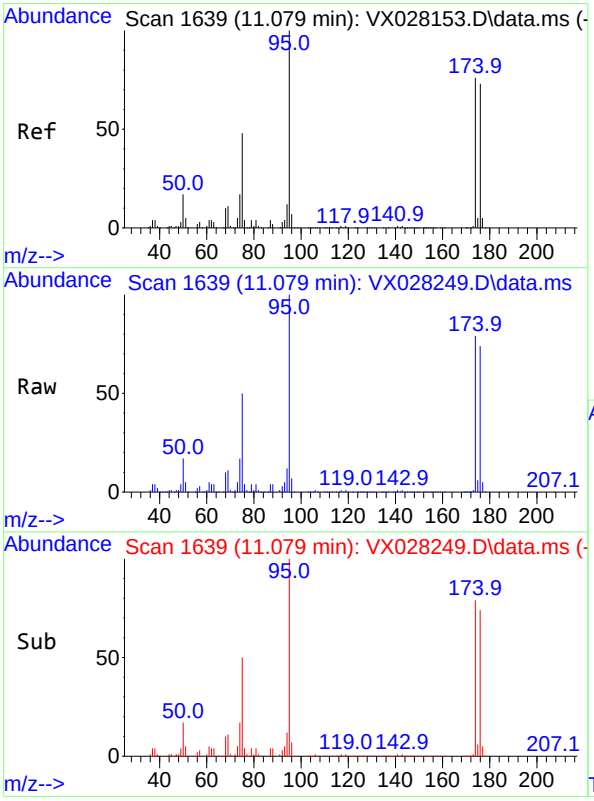

#59
2-Hexanone
Concen: 0.434 ug/l
RT: 9.439 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
4922B

Tgt Ion: 43 Resp: 2288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 58.3 | 31.9 | 95.7 |

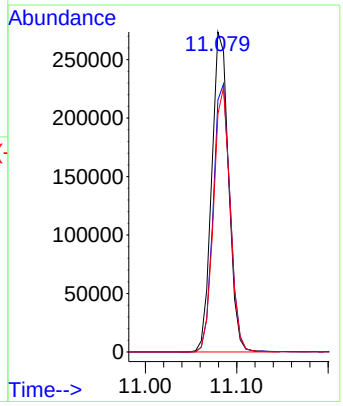


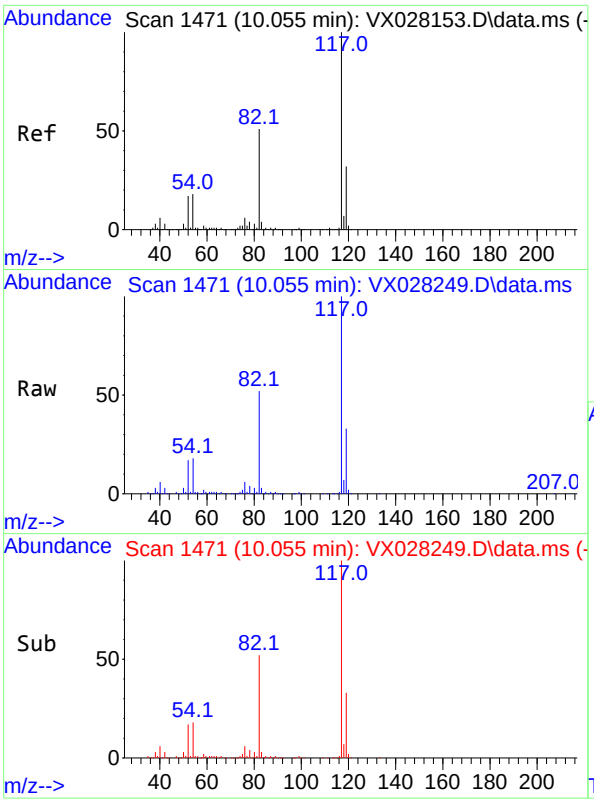




#62
4-Bromofluorobenzene
Concen: 48.610 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion: 95 Resp: 351601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 84.1 | 0.0 | 163.0 |
| 176 | 81.3 | 0.0 | 155.0 |



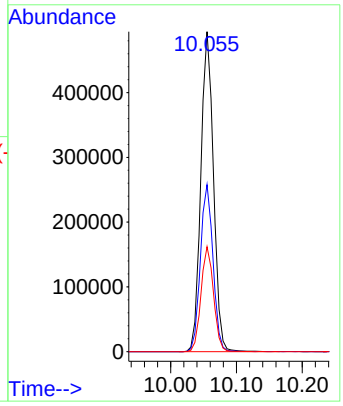


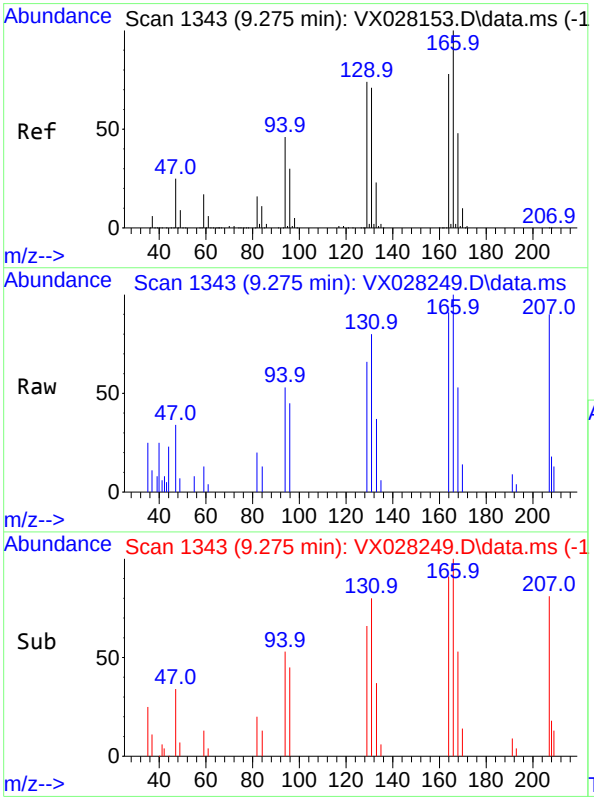

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
4922B

Tgt Ion:117 Resp: 659544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 52.2 | 41.8 | 62.8 |
| 119 | 32.8 | 24.8 | 37.2 |

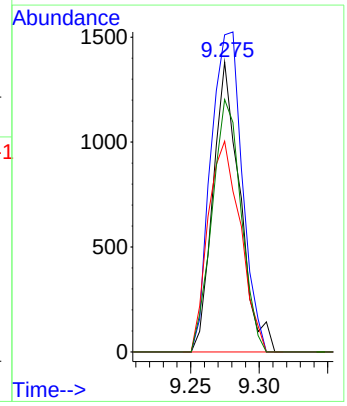


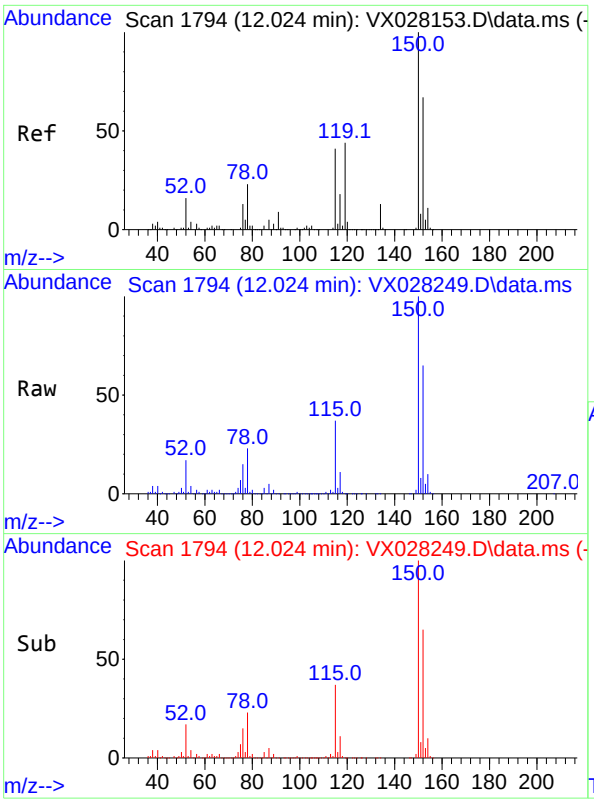




#64
Tetrachloroethene
Concen: 0.366 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion:164 Resp: 1886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 109.3 | 101.2 | 151.8 |
| 129 | 72.6 | 73.0 | 109.4# |
| 131 | 87.0 | 74.2 | 111.2 |



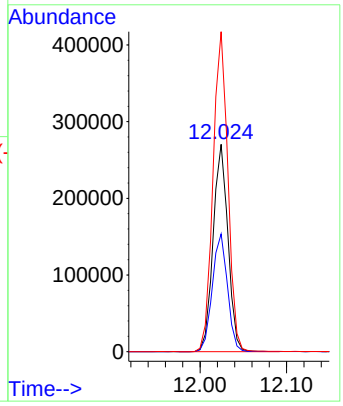


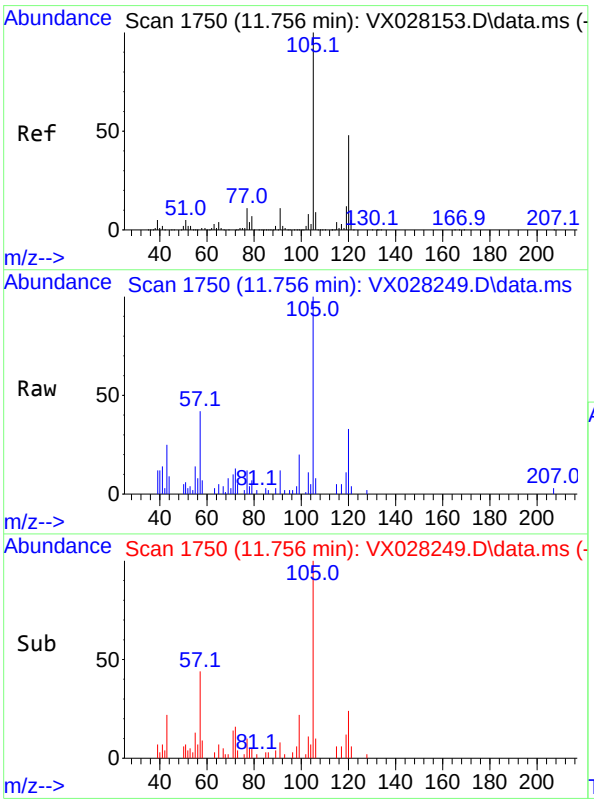

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
4922B

Tgt Ion:152 Resp: 321935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 57.9 | 37.5 | 112.7 |
| 150 | 154.6 | 0.0 | 338.2 |

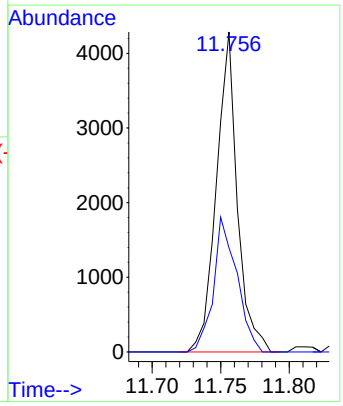


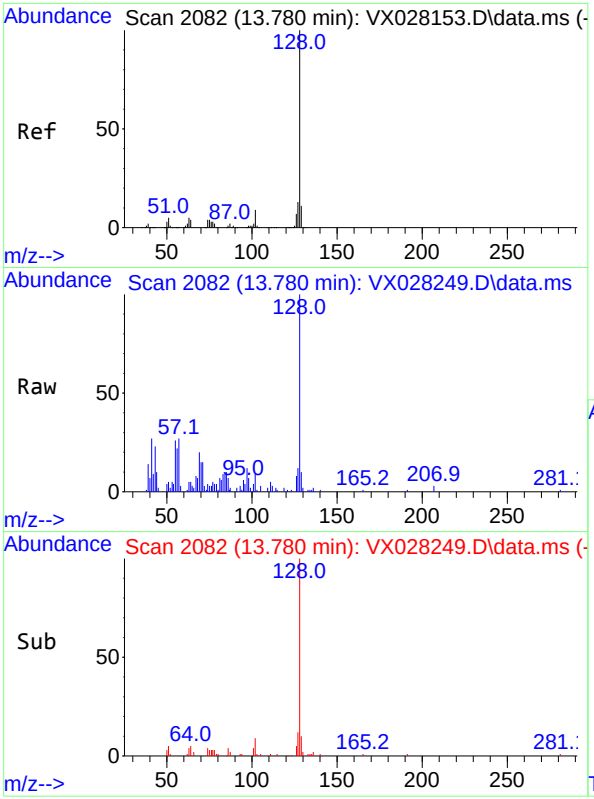




#84
1,2,4-Trimethylbenzene
Concen: 0.244 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

Tgt Ion:105 Resp: 4547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.1 | 22.6 | 67.8 |






#95
Naphthalene
Concen: 0.395 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX028249.D
Acq: 21 Apr 2022 18:19

**Instrument :**
MSVOA_X
**ClientSampleId :**
4922B

Tgt Ion:128 Resp: 8427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 15.9 | 10.2 | 15.4# |
| 129 | 12.9 | 8.7 | 13.1 |