Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101922\
Data File : VY011008.D
Acq On : 19 Oct 2022 12:48
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Quant Time: Oct 20 05:13:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.777 | 168 | 268 | 50.000 | ug/l | #-0.01 |
| 34) 1,4-Difluorobenzene | 8.691 | 114 | 1026 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.490 | 117 | 1923 | 50.000 | ug/l | # 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152 | 2269 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.118 | 65 | 135 | 54.685 | ug/l | -0.02 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 109.380% | | | |
| 35) Dibromofluoromethane | 7.722 | 113 | 23 | 1.951 | ug/l | 0.01 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 3.900%# | | | |
| 50) Toluene-d8 | 10.173 | 98 | 1159 | 54.101 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 49 - 140 | | Recovery = 108.200% | | | |
| 62) 4-Bromofluorobenzene | 12.483 | 95 | 1058 | 145.273 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 25 - 144 | | Recovery = 290.540%# | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.906 | 85 | 923 | 519.218 | ug/l | 99 |
| 3) Chloromethane | 2.113 | 50 | 825 | 323.482 | ug/l # | 73 |
| 4) Vinyl Chloride | 2.290 | 62 | 23 | 7.957 | ug/l # | 43 |
| 5) Bromomethane | 2.656 | 94 | 631 | 315.606 | ug/l | 86 |
| 6) Chloroethane | 2.753 | 64 | 22 | 11.389 | ug/l # | 43 |
| 7) Trichlorofluoromethane | 3.131 | 101 | 420 | 99.268 | ug/l | 95 |
| 10) Methyl Iodide | 4.107 | 142 | 1034 | 318.406 | ug/l # | 81 |
| 11) Tert butyl alcohol | 4.960 | 59 | 2118 | 8321.756 | ug/l # | 81 |
| 12) 1,1-Dichloroethene | 3.881 | 96 | 19 | 7.474 | ug/l # | 1 |
| 13) Acrolein | 3.686 | 56 | 29 | 72.868 | ug/l # | 14 |
| 14) Allyl chloride | 4.497 | 41 | 26 | 6.449 | ug/l # | 74 |
| 15) Acrylonitrile | 5.174 | 53 | 19 | 23.086 | ug/l # | 17 |
| 16) Acetone | 3.948 | 43 | 14589 | 20350.223 | ug/l # | 89 |
| 17) Carbon Disulfide | 4.198 | 76 | 102 | 13.686 | ug/l # | 75 |
| 18) Methyl Acetate | 4.454 | 43 | 93 | 45.882 | ug/l # | 56 |
| 19) Methyl tert-butyl Ether | 5.204 | 73 | 25 | 3.520 | ug/l # | 52 |
| 20) Methylene Chloride | 4.716 | 84 | 17980 | 6580.206 | ug/l # | 84 |
| 25) 2-Butanone | 6.978 | 43 | 4701 | 4323.999 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 6.972 | 77 | 7345 | 1586.608 | ug/l # | 55 |
| 27) cis-1,2-Dichloroethene | 6.966 | 96 | 20 | 6.046 | ug/l # | 1 |
| 29) Tetrahydrofuran | 7.344 | 42 | 83 | 124.086 | ug/l # | 38 |
| 31) Cyclohexane | 7.771 | 56 | 535 | 113.250 | ug/l # | 43 |
| 36) 1,1-Dichloropropene | 7.947 | 75 | 106 | 11.098 | ug/l # | 42 |
| 37) Ethyl Acetate | 6.978 | 43 | 4701 | 889.003 | ug/l # | 1 |
| 38) Carbon Tetrachloride | 8.112 | 117 | 2282 | 231.456 | ug/l # | 29 |
| 39) Methylcyclohexane | 9.179 | 83 | 697 | 60.928 | ug/l # | 75 |
| 40) Benzene | 8.155 | 78 | 186 | 6.637 | ug/l # | 50 |
| 41) Methacrylonitrile | 7.326 | 41 | 71 | 24.777 | ug/l # | 1 |
| 43) Isopropyl Acetate | 8.265 | 43 | 191 | 20.216 | ug/l # | 56 |
| 45) 1,2-Dichloropropane | 9.478 | 63 | 46 | 6.469 | ug/l # | 46 |
| 47) Bromodichloromethane | 9.514 | 83 | 52 | 5.441 | ug/l # | 24 |
| 48) Methyl methacrylate | 9.295 | 41 | 69 | 16.319 | ug/l # | 76 |
| 51) 4-Methyl-2-Pentanone | 10.075 | 43 | 986 | 187.132 | ug/l # | 87 |
| 52) Toluene | 10.246 | 92 | 30480 | 1750.725 | ug/l | 96 |
| 53) t-1,3-Dichloropropene | 10.471 | 75 | 65 | 6.547 | ug/l # | 43 |
| 54) cis-1,3-Dichloropropene | 9.972 | 75 | 23 | 2.024 | ug/l # | 29 |

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ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Quant Time: Oct 20 05:13:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 55) 1,1,2-Trichloroethane | 10.660 | 97 | 52 | 9.089 | ug/l | # | 41 |
| 56) Ethyl methacrylate | 10.539 | 69 | 89 | 11.713 | ug/l | # | 1 |
| 57) 1,3-Dichloropropane | 10.776 | 76 | 19 | 1.932 | ug/l | # | 1 |
| 58) 2-Chloroethyl Vinyl ether | 9.789 | 63 | 114 | 45.226 | ug/l | # | 79 |
| 59) 2-Hexanone | 10.831 | 43 | 196 | 54.153 | ug/l | # | 28 |
| 60) Dibromochloromethane | 11.002 | 129 | 229 | 33.662 | ug/l | # | 11 |
| 61) 1,2-Dibromoethane | 11.093 | 107 | 62 | 11.316 | ug/l | | 84 |
| 64) Tetrachloroethene | 10.575 | 164 | 228 | 15.231 | ug/l | # | 17 |
| 65) Chlorobenzene | 11.520 | 112 | 170 | 4.306 | ug/l | # | 42 |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131 | 571 | 39.075 | ug/l | # | 27 |
| 67) Ethyl Benzene | 11.593 | 91 | 4898 | 70.126 | ug/l | | 100 |
| 68) m/p-Xylenes | 11.697 | 106 | 6372 | 237.157 | ug/l | | 87 |
| 69) o-Xylene | 12.032 | 106 | 3071 | 120.371 | ug/l | | 76 |
| 70) Styrene | 12.038 | 104 | 559 | 12.931 | ug/l | # | 1 |
| 71) Bromoform | 12.246 | 173 | 424 | 47.014 | ug/l | # | 28 |
| 73) Isopropylbenzene | 12.325 | 105 | 1920 | 11.647 | ug/l | | 95 |
| 74) N-amyl acetate | 12.124 | 43 | 820 | 19.605 | ug/l | # | 74 |
| 75) 1,1,2,2-Tetrachloroethane | 12.569 | 83 | 280 | 8.093 | ug/l | # | 12 |
| 76) 1,2,3-Trichloropropane | 12.617 | 75 | 145 | 5.629 | ug/l | # | 100 |
| 77) Bromobenzene | 12.422 | 156 | 26064 | 676.406 | ug/l | # | 1 |
| 78) n-propylbenzene | 12.672 | 91 | 5282 | 26.335 | ug/l | | 90 |
| 79) 2-Chlorotoluene | 12.861 | 91 | 1079 | 9.553 | ug/l | | 94 |
| 80) 1,3,5-Trimethylbenzene | 12.812 | 105 | 4499 | 32.710 | ug/l | | 96 |
| 81) trans-1,4-Dichloro-2-b... | 12.392 | 75 | 380 | 31.726 | ug/l | # | 39 |
| 82) 4-Chlorotoluene | 12.861 | 91 | 1079 | 9.175 | ug/l | | 93 |
| 83) tert-Butylbenzene | 12.800 | 119 | 1415 | 11.897 | ug/l | | 66 |
| 84) 1,2,4-Trimethylbenzene | 13.117 | 105 | 22378 | 164.995 | ug/l | | 98 |
| 85) sec-Butylbenzene | 13.251 | 105 | 2538 | 14.201 | ug/l | | 79 |
| 86) p-Isopropyltoluene | 13.367 | 119 | 1752 | 11.816 | ug/l | | 87 |
| 87) 1,3-Dichlorobenzene | 13.361 | 146 | 774 | 10.065 | ug/l | # | 37 |
| 88) 1,4-Dichlorobenzene | 13.440 | 146 | 492 | 6.434 | ug/l | # | 48 |
| 89) n-Butylbenzene | 13.459 | 91 | 771 | 5.565 | ug/l | | 84 |
| 90) Hexachloroethane | 13.971 | 117 | 1296 | 44.291 | ug/l | # | 6 |
| 91) 1,2-Dichlorobenzene | 13.745 | 146 | 1125 | 16.351 | ug/l | # | 20 |
| 92) 1,2-Dibromo-3-Chloropr... | 14.379 | 75 | 353 | 61.712 | ug/l | # | 48 |
| 93) 1,2,4-Trichlorobenzene | 15.007 | 180 | 495 | 12.038 | ug/l | # | 1 |
| 94) Hexachlorobutadiene | 15.117 | 225 | 49 | 2.024 | ug/l | # | 1 |
| 95) Naphthalene | 15.233 | 128 | 7162 | 85.522 | ug/l | # | 82 |
| 96) 1,2,3-Trichlorobenzene | 15.440 | 180 | 675 | 18.816 | ug/l | # | 1 |

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

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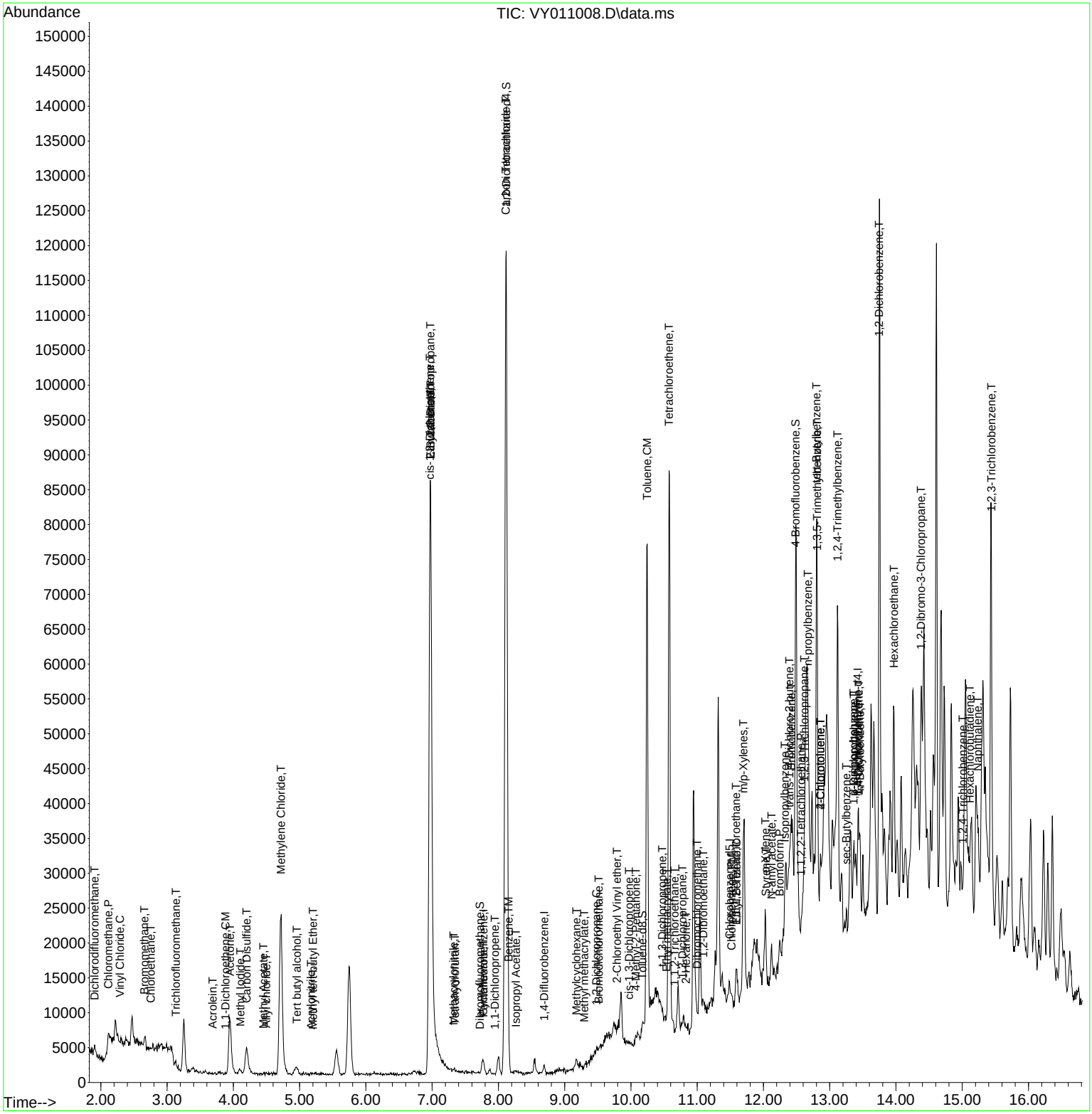
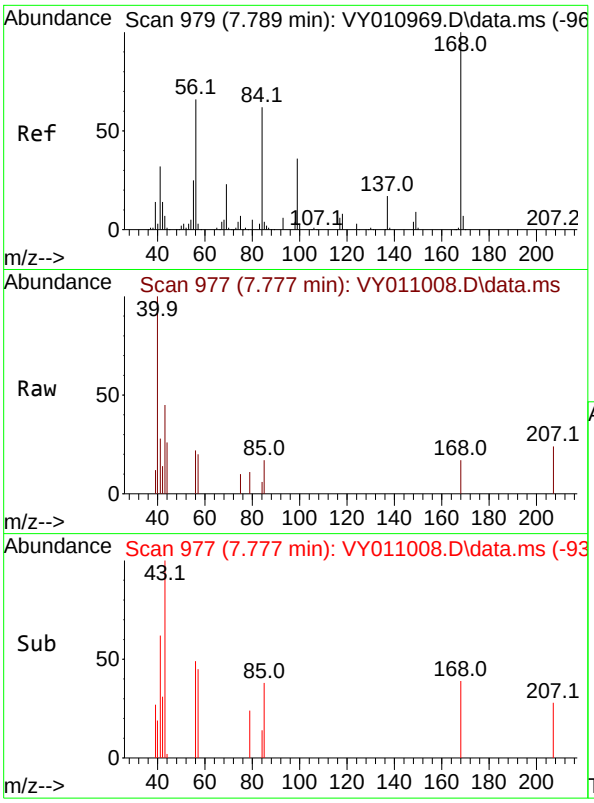


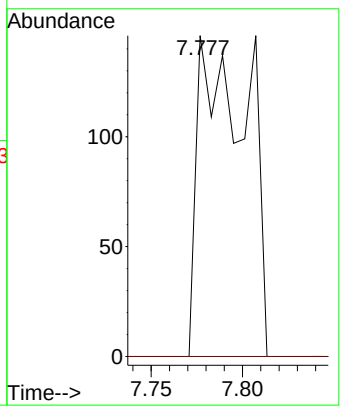


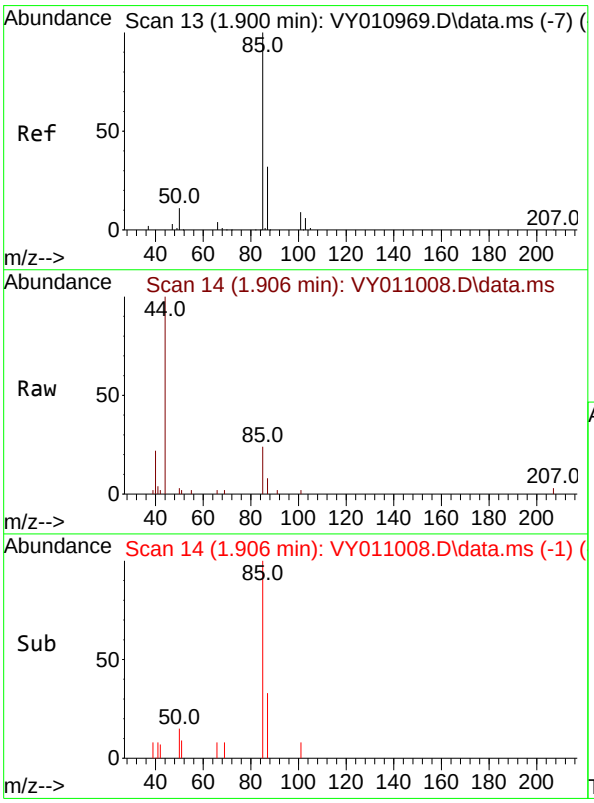

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion:168 Resp: 268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 0.0 | 46.9 | 70.3# |

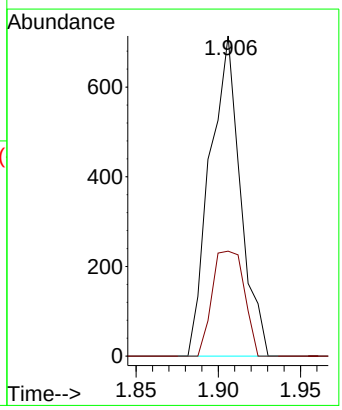


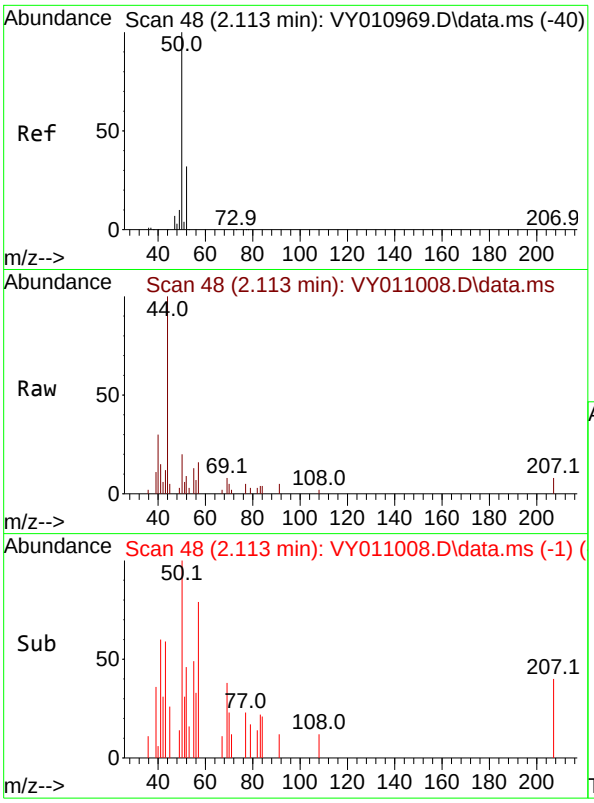




#2
Dichlorodifluoromethane
Concen: 519.218 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 85 Resp: 923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.8 | 16.1 | 48.2 |



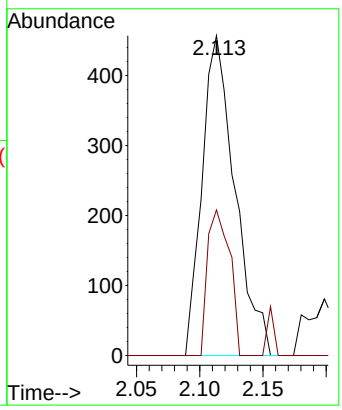


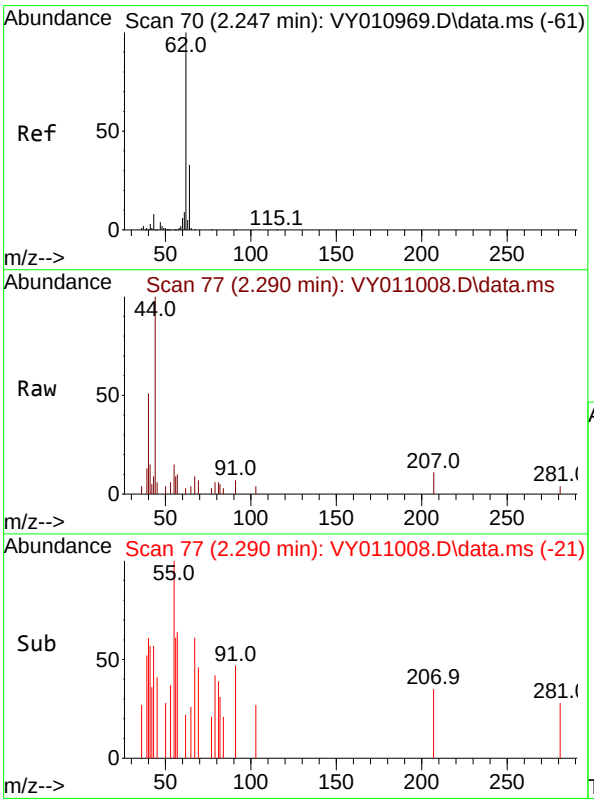

#3
Chloromethane
Concen: 323.482 ug/l
RT: 2.113 min Scan# 4
Delta R.T. 0.000 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 50 Resp: 825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 45.5 | 24.6 | 37.0# |

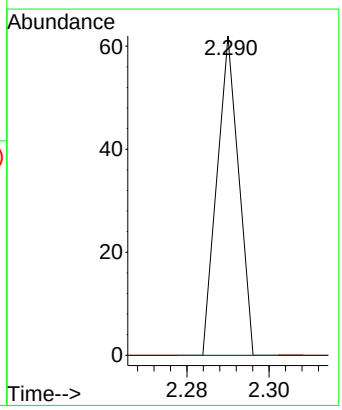


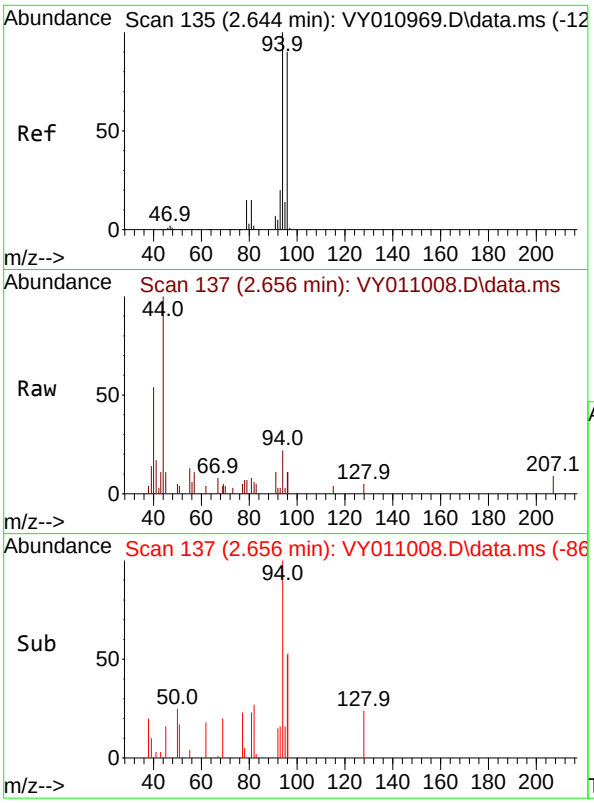




#4
Vinyl Chloride
Concen: 7.957 ug/l
RT: 2.290 min Scan# 77
Delta R.T. 0.043 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 62 Resp: 23

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 0.0 | 25.0 | 37.6# |



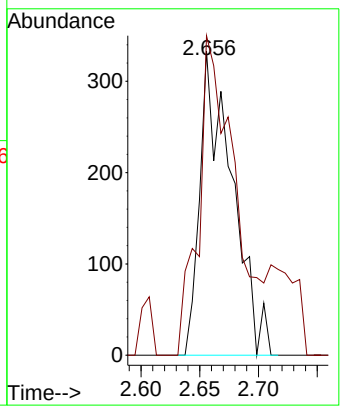


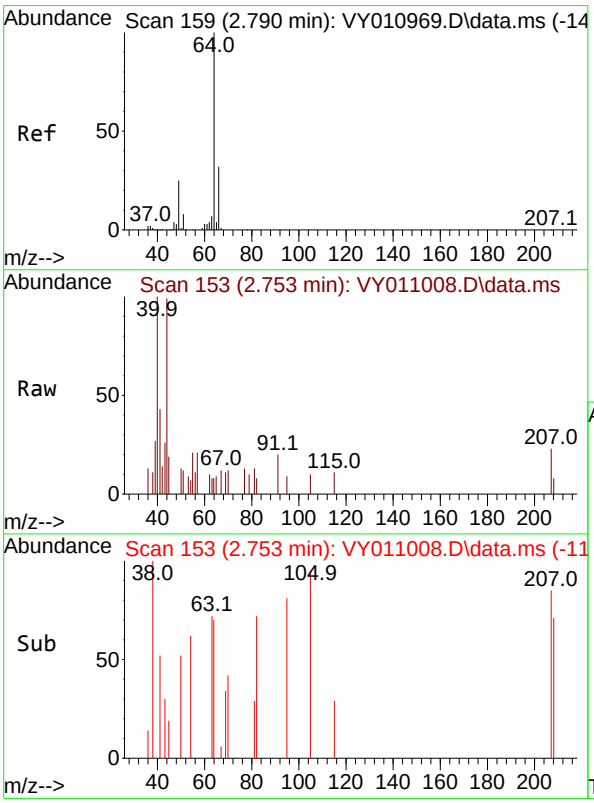

#5
Bromomethane
Concen: 315.606 ug/l
RT: 2.656 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 94 Resp: 631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 105.1 | 73.5 | 110.3 |

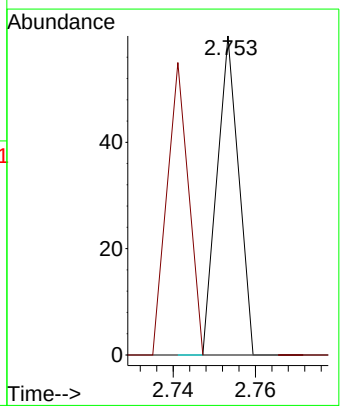


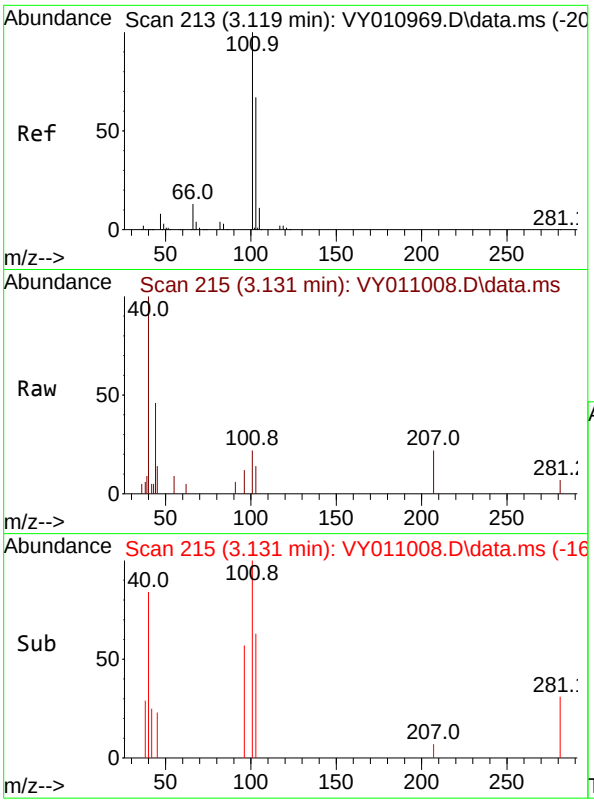




#6
Chloroethane
Concen: 11.389 ug/l
RT: 2.753 min Scan# 153
Delta R.T. -0.037 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 64 Resp: 22

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 0.0 | 25.4 | 38.0# |



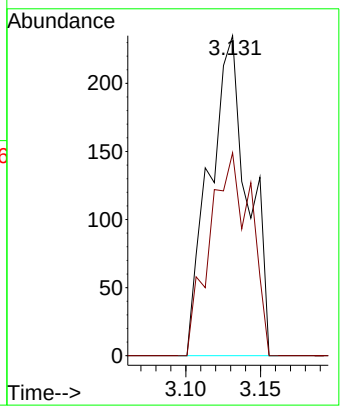


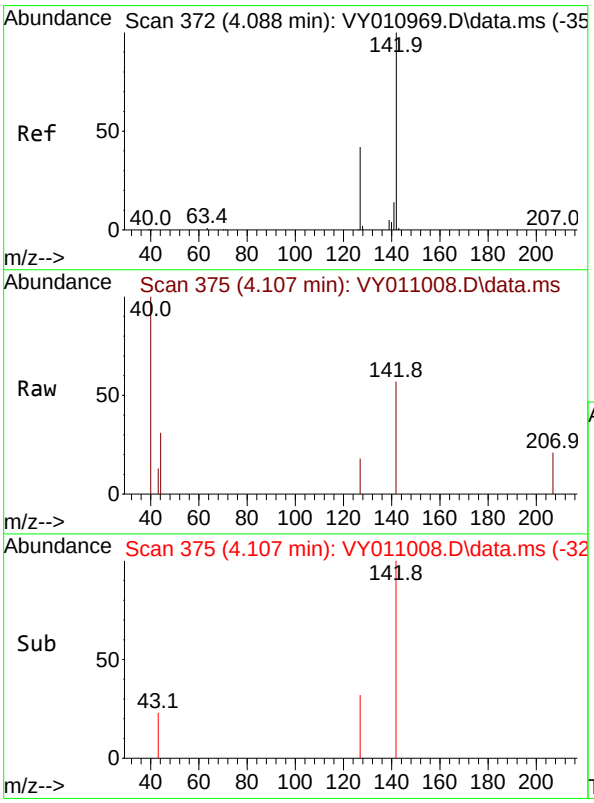

#7
Trichlorofluoromethane
Concen: 99.268 ug/l
RT: 3.131 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion:101 Resp: 420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 63.4 | 48.0 | 72.0 |

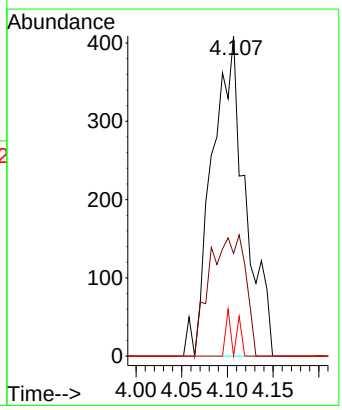


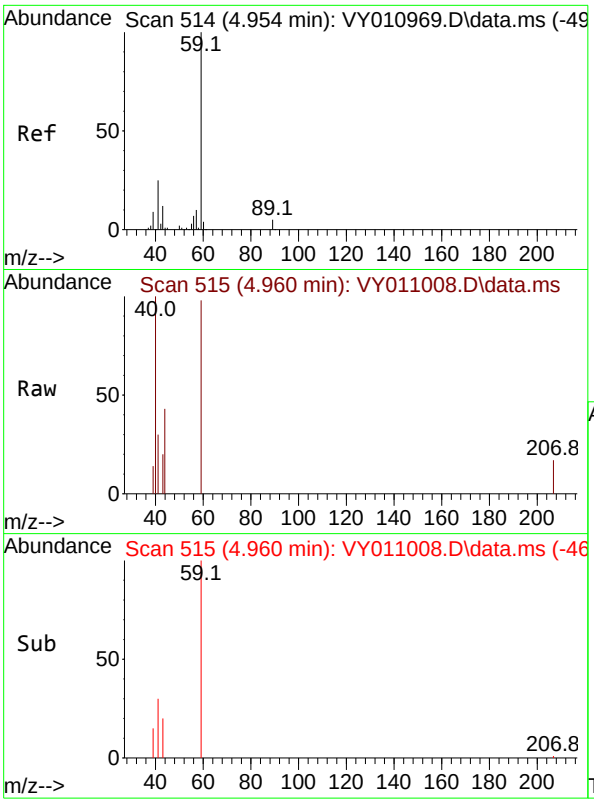




#10
Methyl Iodide
Concen: 318.406 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion:142 Resp: 1034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 40.4 | 41.5 | 62.3# |
| 141 | 4.0 | 11.9 | 17.9# |



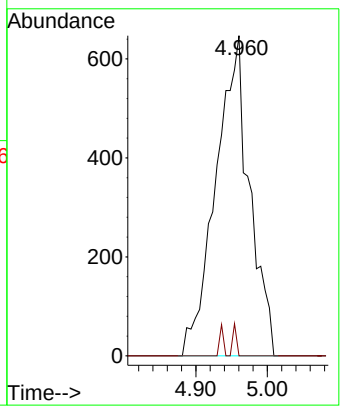


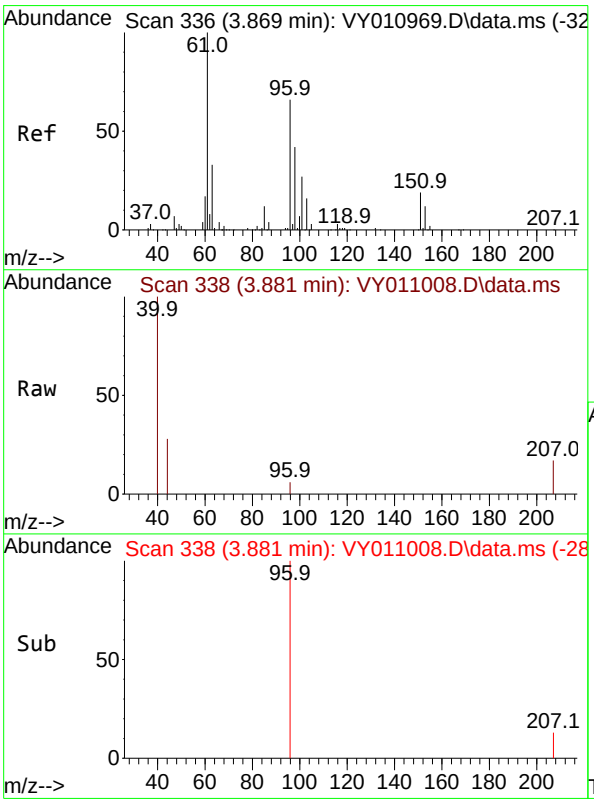

#11
Tert butyl alcohol
Concen: 8321.756 ug/l
RT: 4.960 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 59 Resp: 2118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 1.1 | 6.4 | 9.6# |

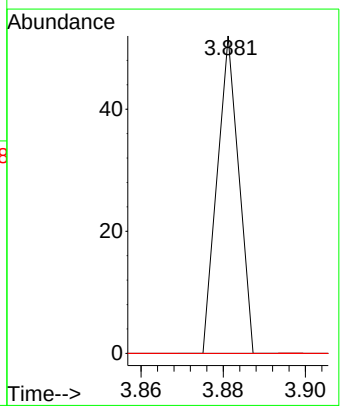


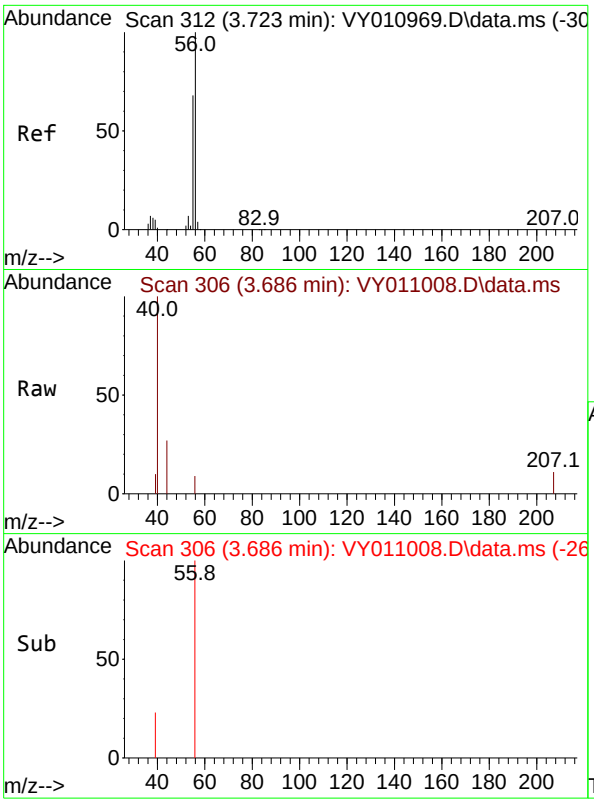




#12
1,1-Dichloroethene
Concen: 7.474 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.012 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 96 Resp: 19

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 0.0 | 145.8 | 218.6# |
| 98 | 0.0 | 52.5 | 78.7# |



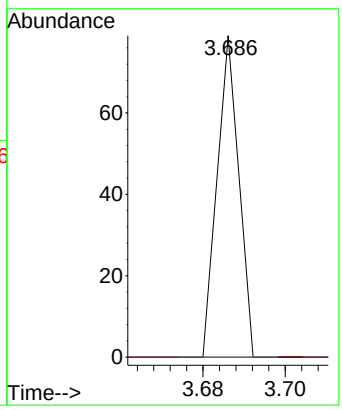


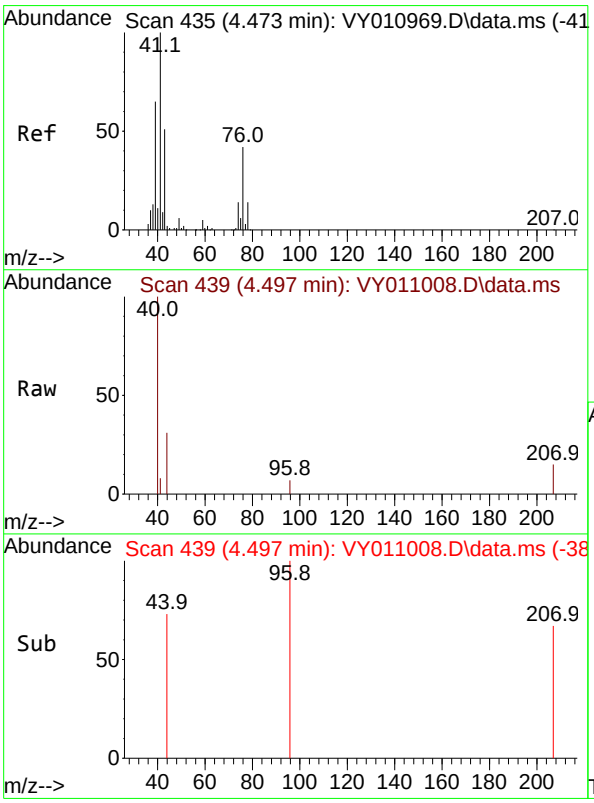

#13
Acrolein
Concen: 72.868 ug/l
RT: 3.686 min Scan# 3
Delta R.T. -0.037 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 56 Resp: 29

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 0.0 | 57.6 | 86.4# |

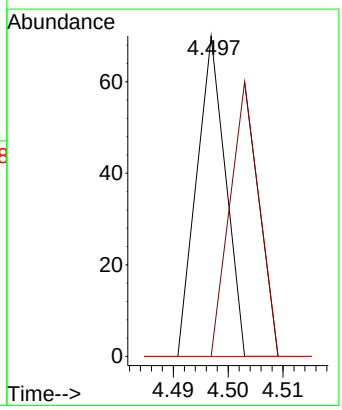


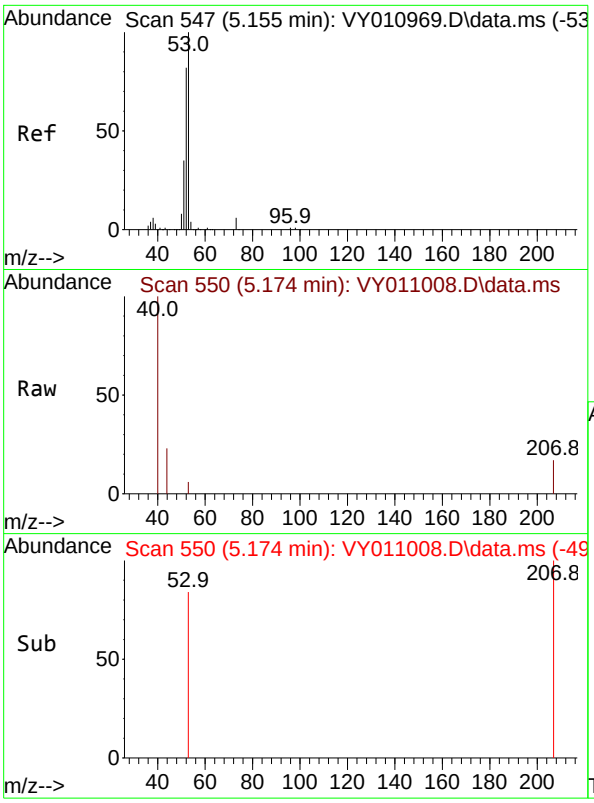




#14
Allyl chloride
Concen: 6.449 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.024 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 41 Resp: 26

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 84.6 | 58.8 | 88.2 |
| 76 | 0.0 | 25.1 | 37.7# |



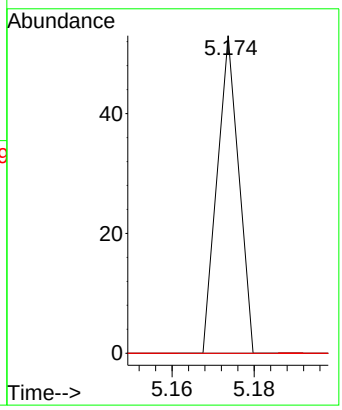


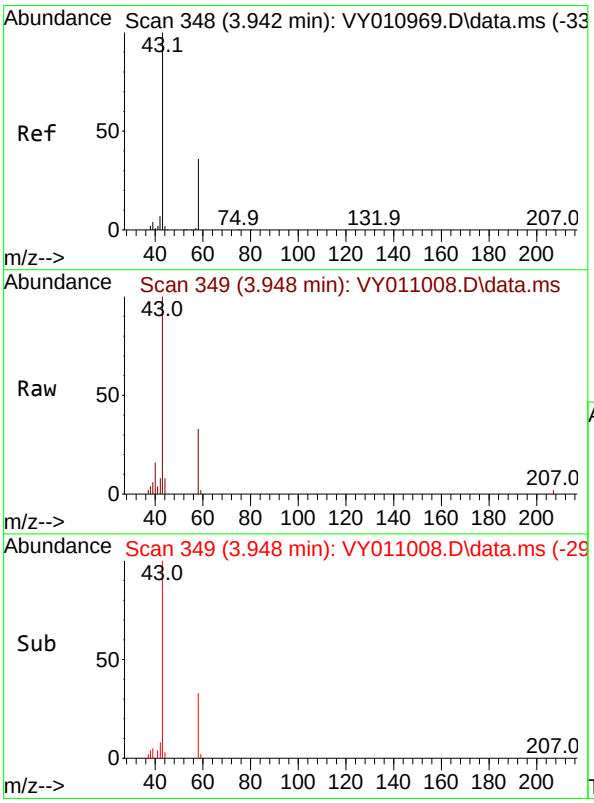

#15
Acrylonitrile
Concen: 23.086 ug/l
RT: 5.174 min Scan# 5
Delta R.T. 0.019 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 53 Resp: 19

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 0.0 | 67.0 | 100.4# |
| 51 | 0.0 | 29.8 | 44.6# |

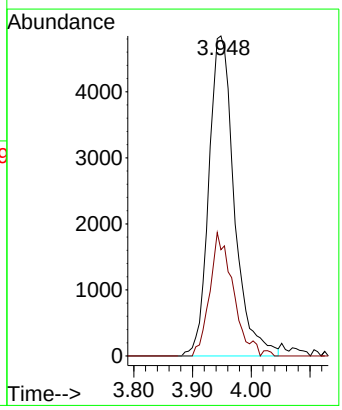


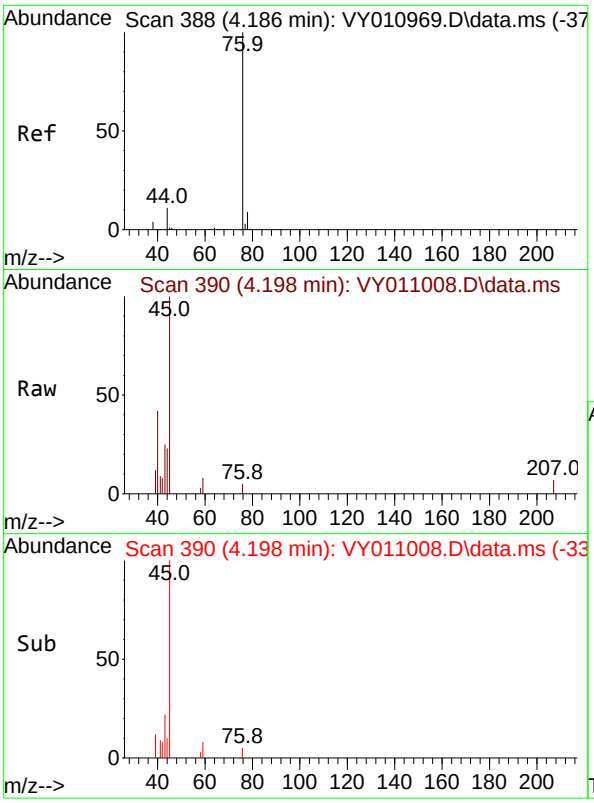




#16
Acetone
Concen: 20350.223 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 43 Resp: 14589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.2 | 22.0 | 33.0# |



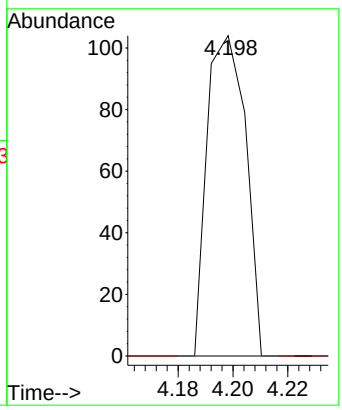


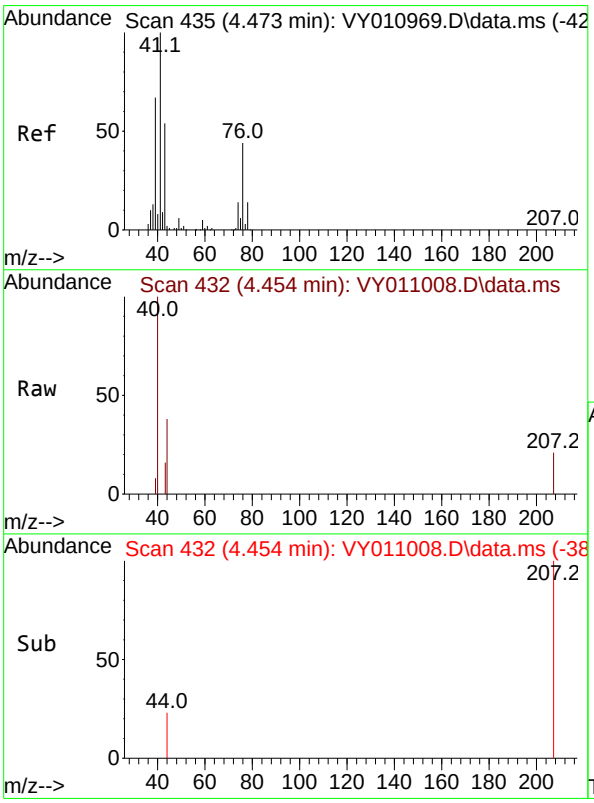

#17
Carbon Disulfide
Concen: 13.686 ug/l
RT: 4.198 min Scan# 3
Delta R.T. 0.012 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 76 Resp: 102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 0.0 | 7.4 | 11.0# |

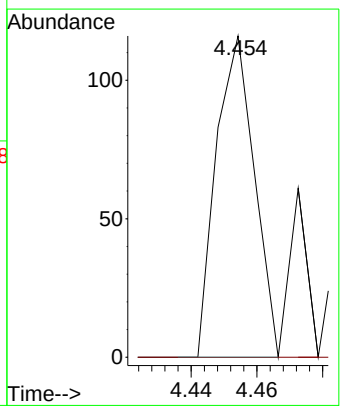


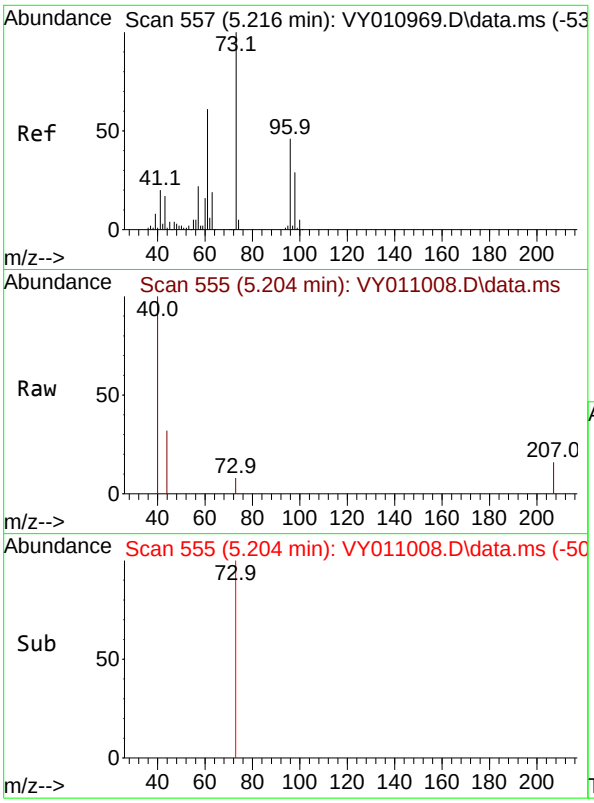




#18
Methyl Acetate
Concen: 45.882 ug/l
RT: 4.454 min Scan# 432
Delta R.T. -0.019 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 43 Resp: 93

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 16.6 | 24.8# |



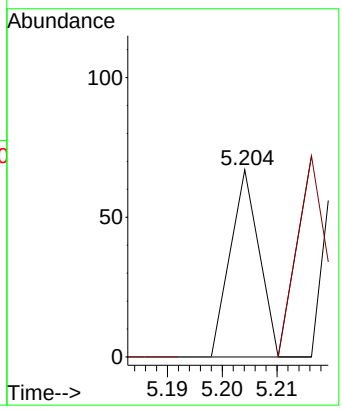


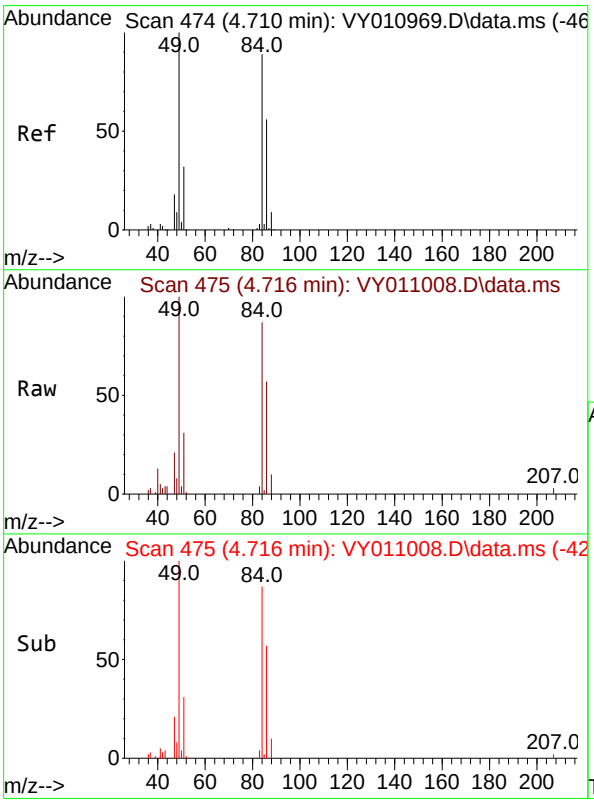

#19
Methyl tert-butyl Ether
Concen: 3.520 ug/l
RT: 5.204 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 73 Resp: 25

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 0.0 | 18.6 | 27.8# |

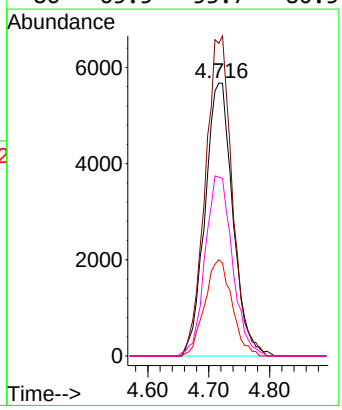


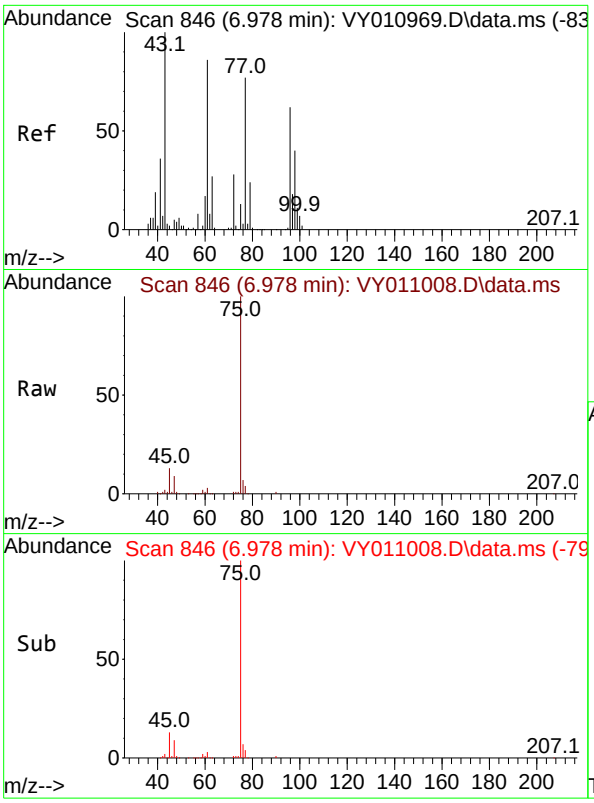




#20
Methylene Chloride
Concen: 6580.206 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 84 Resp: 17980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 114.5 | 114.4 | 171.6 |
| 51 | 35.2 | 35.3 | 52.9# |
| 86 | 65.5 | 53.7 | 80.5 |



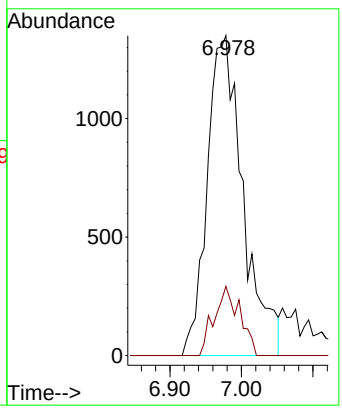


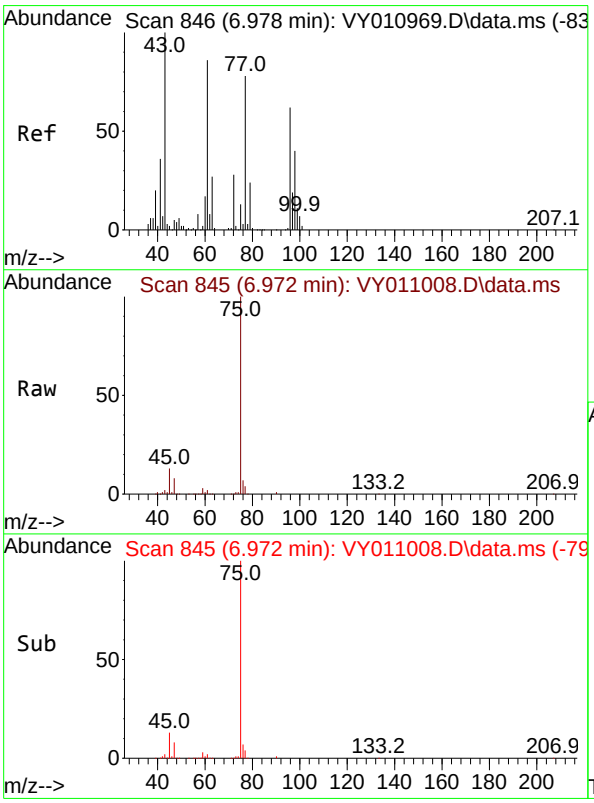

#25
2-Butanone
Concen: 4323.999 ug/l
RT: 6.978 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 43 Resp: 4701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 21.6 | 17.7 | 26.5 |

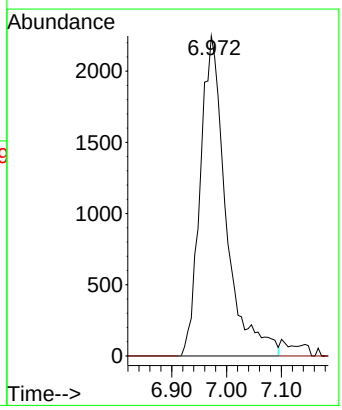


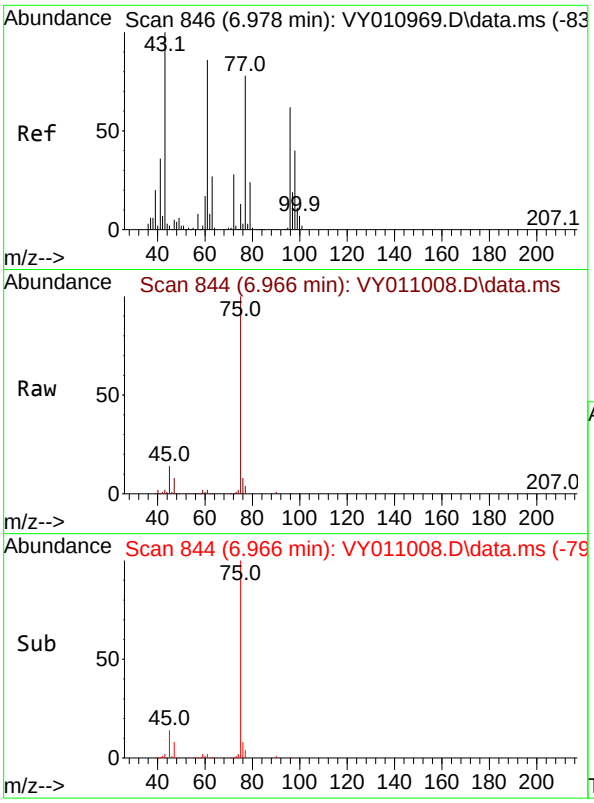




#26
2,2-Dichloropropane
Concen: 1586.608 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 77 Resp: 7345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 0.0 | 10.4 | 31.4# |



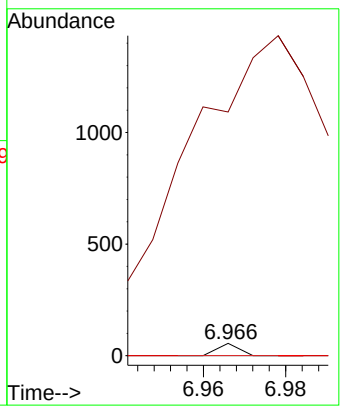


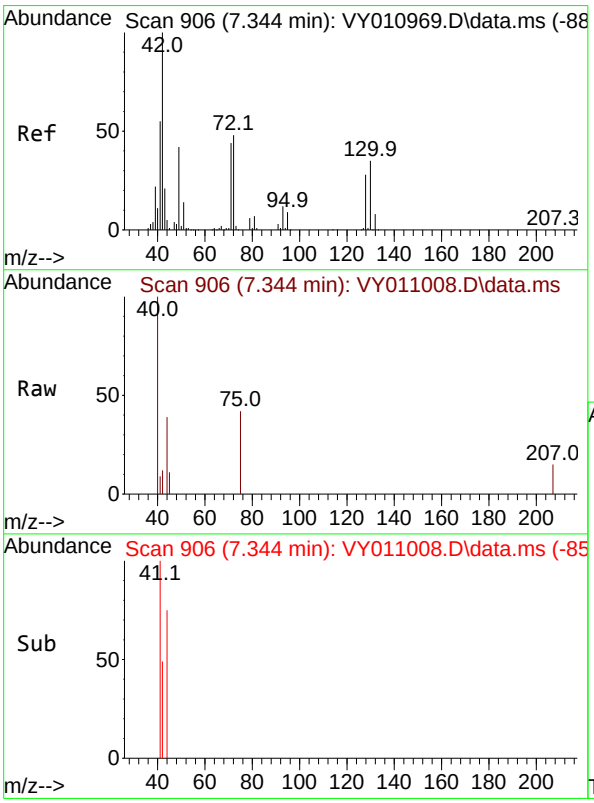

#27
cis-1,2-Dichloroethene
Concen: 6.046 ug/l
RT: 6.966 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 96 Resp: 20

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 22525.0 | 0.0 | 319.8# |
| 98 | 0.0 | 0.0 | 127.0 |

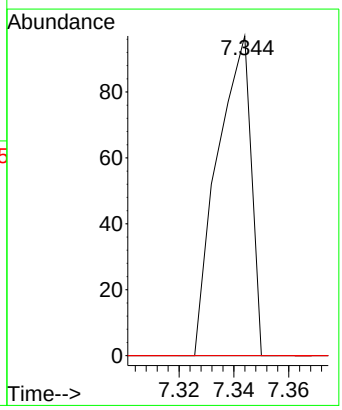


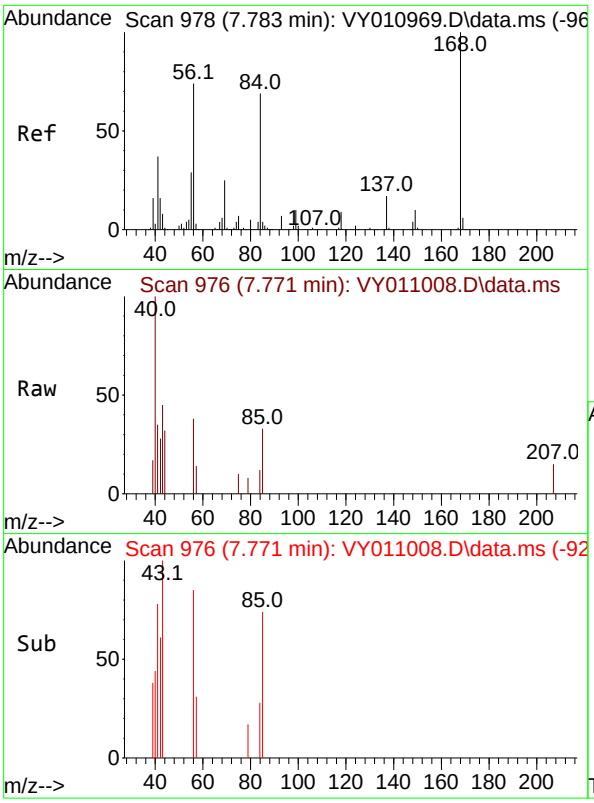




#29
Tetrahydrofuran
Concen: 124.086 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 42 Resp: 83

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 0.0 | 30.3 | 45.5# |
| 71 | 0.0 | 29.0 | 43.4# |



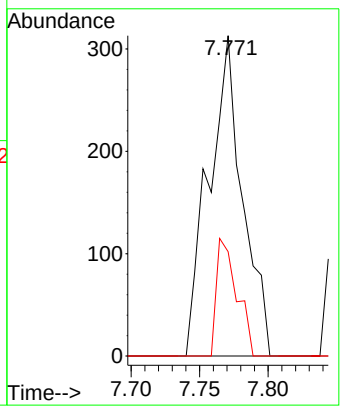


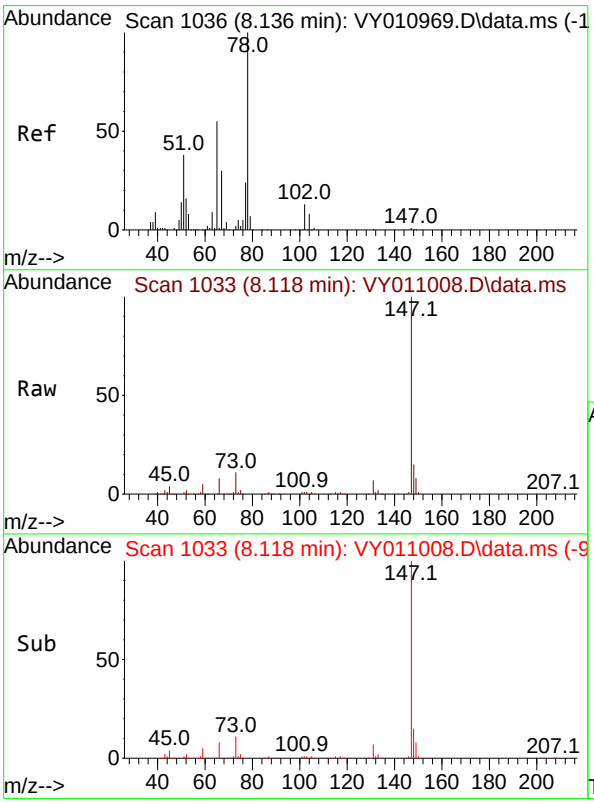

#31
Cyclohexane
Concen: 113.250 ug/l
RT: 7.771 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 56 Resp: 535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 0.0 | 26.7 | 40.1# |
| 84 | 32.6 | 67.2 | 100.8# |

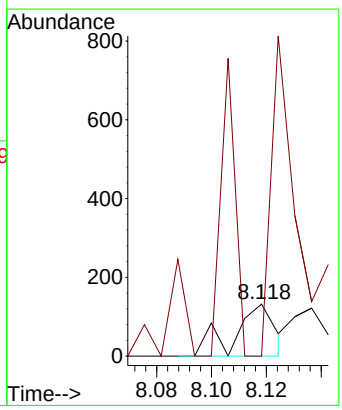


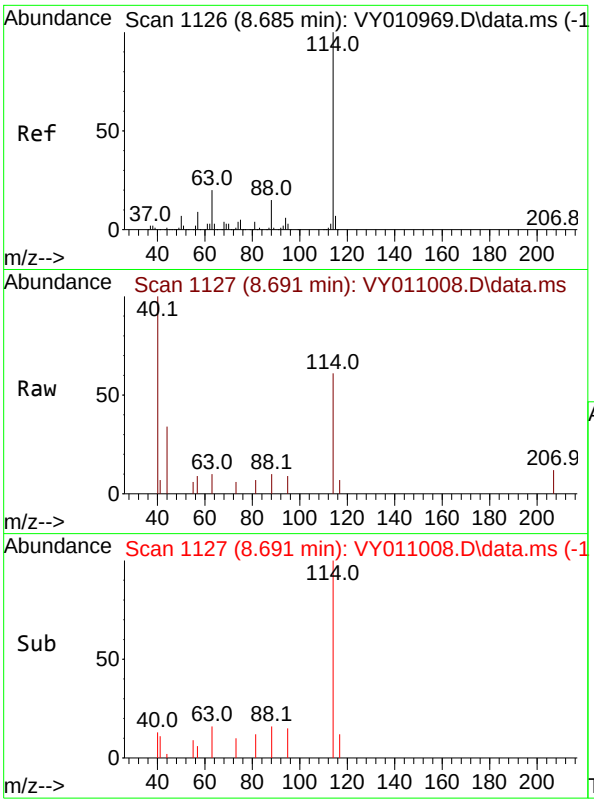




#33
1,2-Dichloroethane-d4
Concen: 54.685 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.018 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 65 Resp: 135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 541.5 | 0.0 | 99.4# |



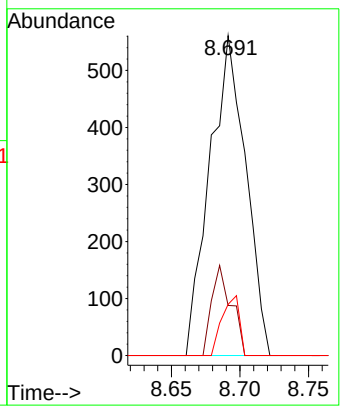


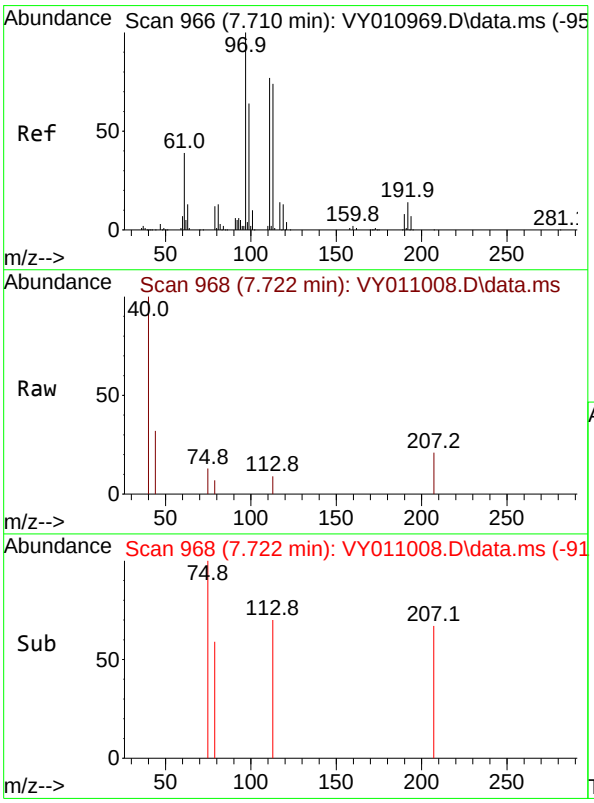

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion:114 Resp: 1026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 15.7 | 0.0 | 43.2 |
| 88 | 16.0 | 0.0 | 31.8 |

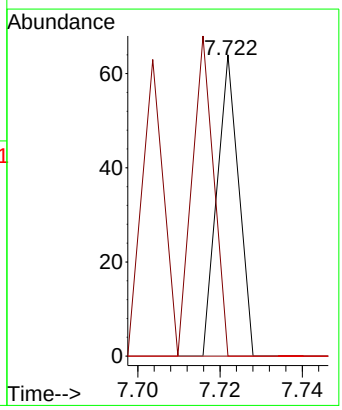


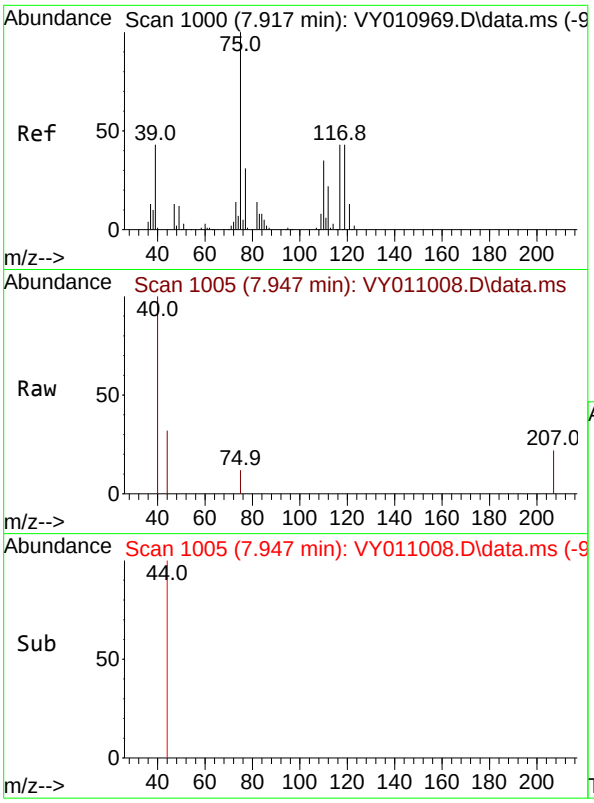




#35
Dibromofluoromethane
Concen: 1.951 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion:113 Resp: 23

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 208.7 | 82.6 | 124.0# |
| 192 | 0.0 | 17.6 | 26.4# |



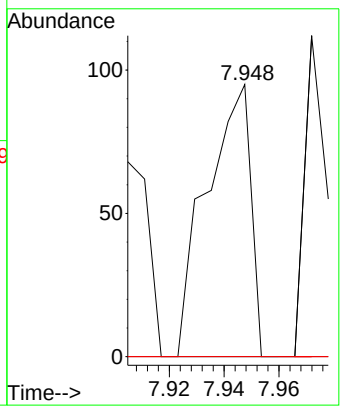


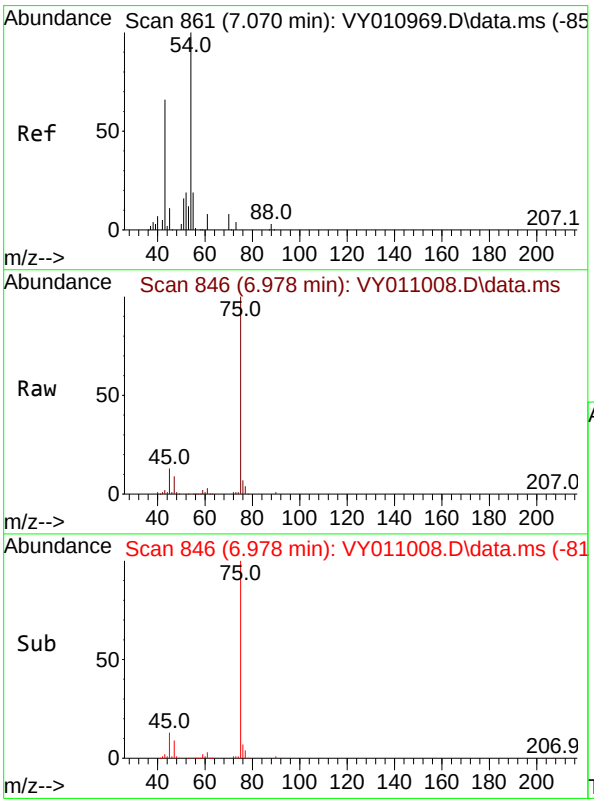

#36
1,1-Dichloropropene
Concen: 11.098 ug/l
RT: 7.947 min Scan# 1
Delta R.T. 0.030 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 75 Resp: 106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 0.0 | 17.1 | 51.2# |
| 77 | 0.0 | 24.4 | 36.6# |

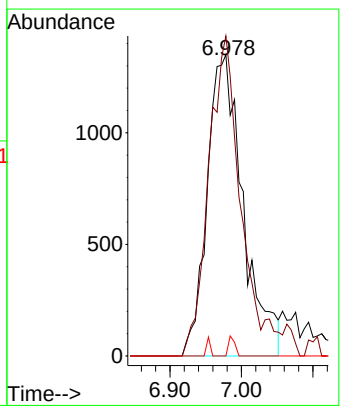


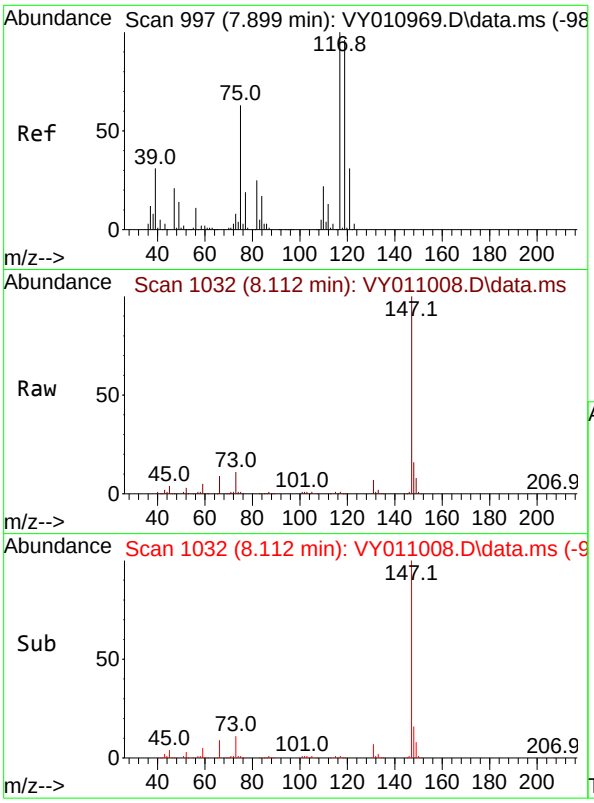




#37
Ethyl Acetate
Concen: 889.003 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 43 Resp: 4701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 95.8 | 9.7 | 14.5# |
| 70 | 1.2 | 7.1 | 10.7# |



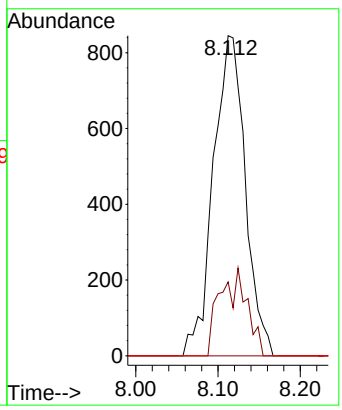


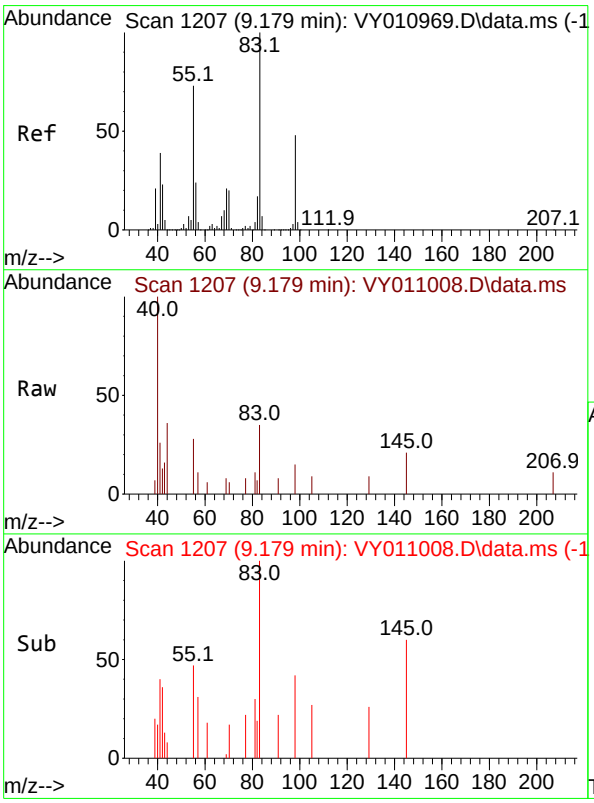

#38
Carbon Tetrachloride
Concen: 231.456 ug/l
RT: 8.112 min Scan# 1
Delta R.T. 0.213 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion:117 Resp: 2282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 23.1 | 77.9 | 116.9# |
| 121 | 0.0 | 24.8 | 37.2# |

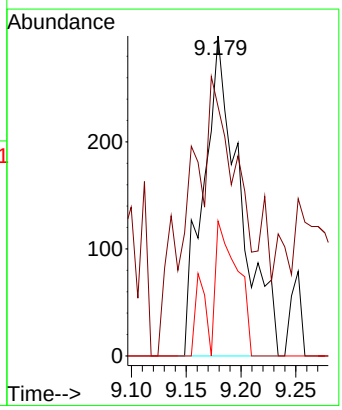


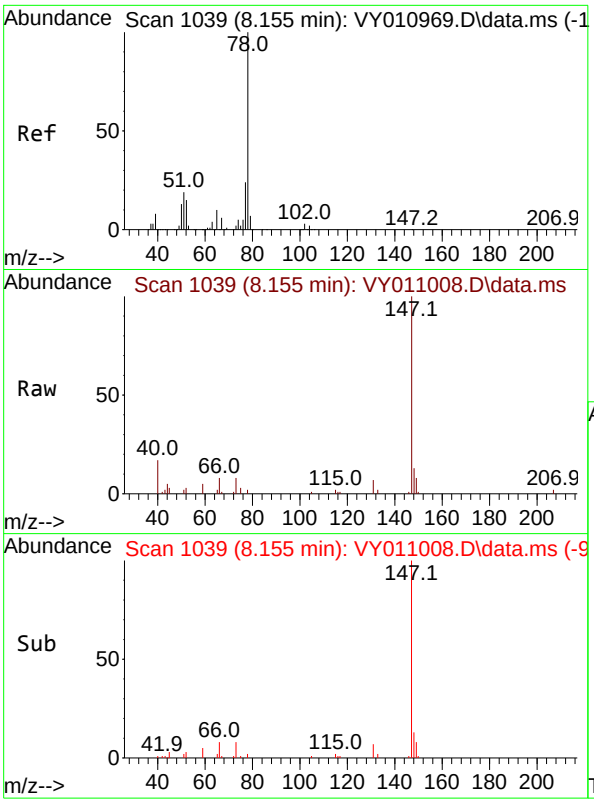




#39
Methylcyclohexane
Concen: 60.928 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 83 Resp: 697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 51.2 | 66.5 | 99.7# |
| 98 | 42.1 | 37.9 | 56.9 |



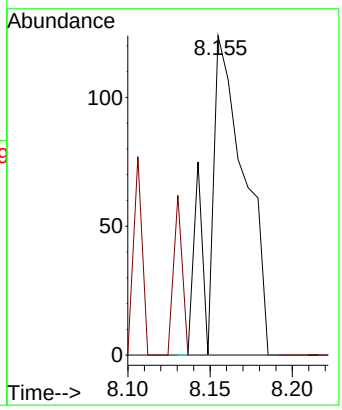


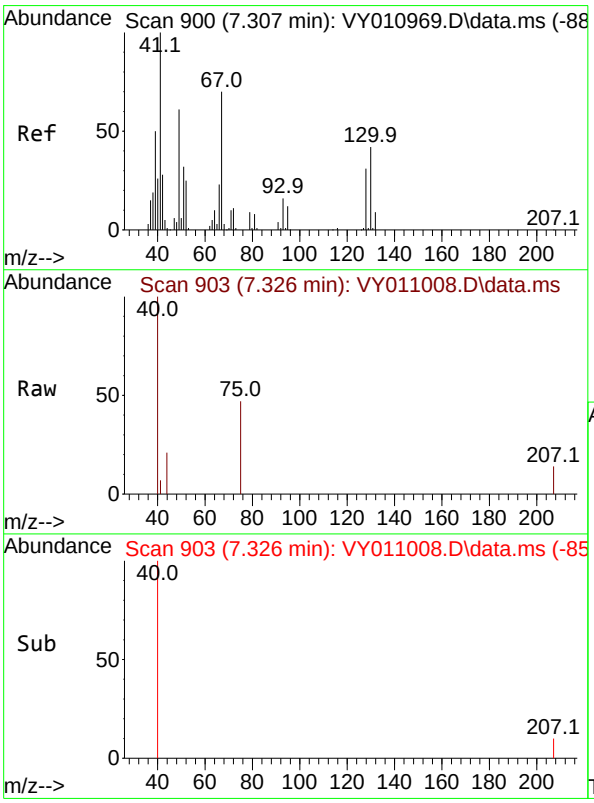

#40
Benzene
Concen: 6.637 ug/l
RT: 8.155 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 78 Resp: 186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 0.0 | 20.4 | 30.6# |

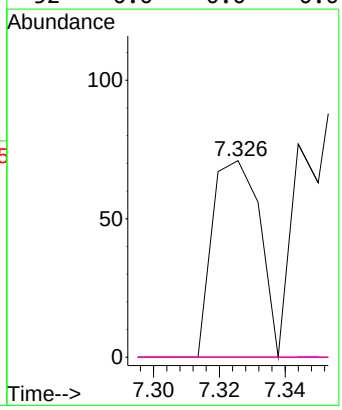


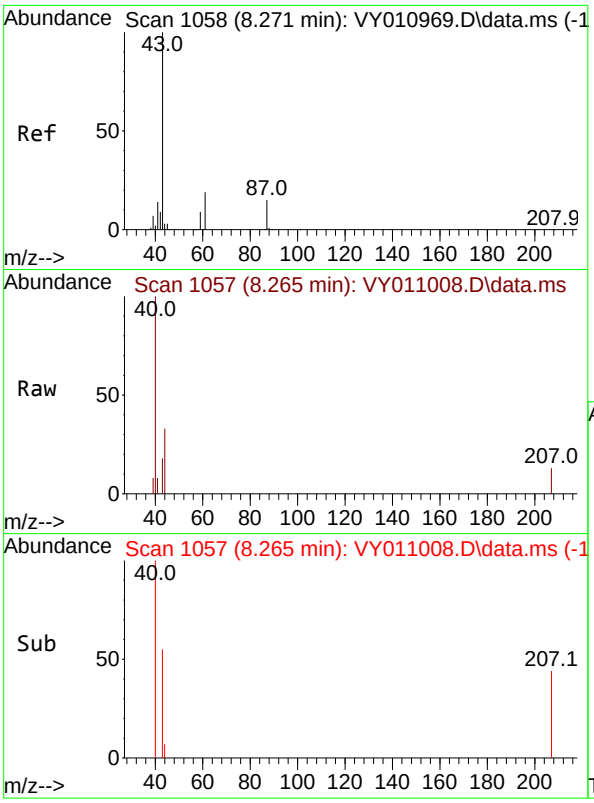




#41
Methacrylonitrile
Concen: 24.777 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.019 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 41 Resp: 71

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 0.0 | 92.9 | 139.3# |
| 67 | 0.0 | 0.0 | 0.0 |
| 52 | 0.0 | 0.0 | 0.0 |



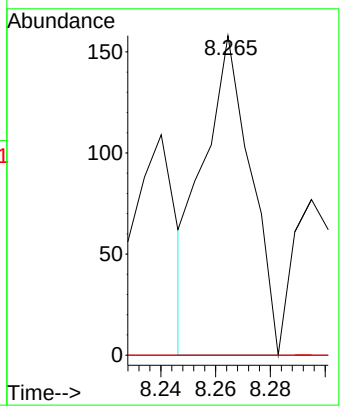


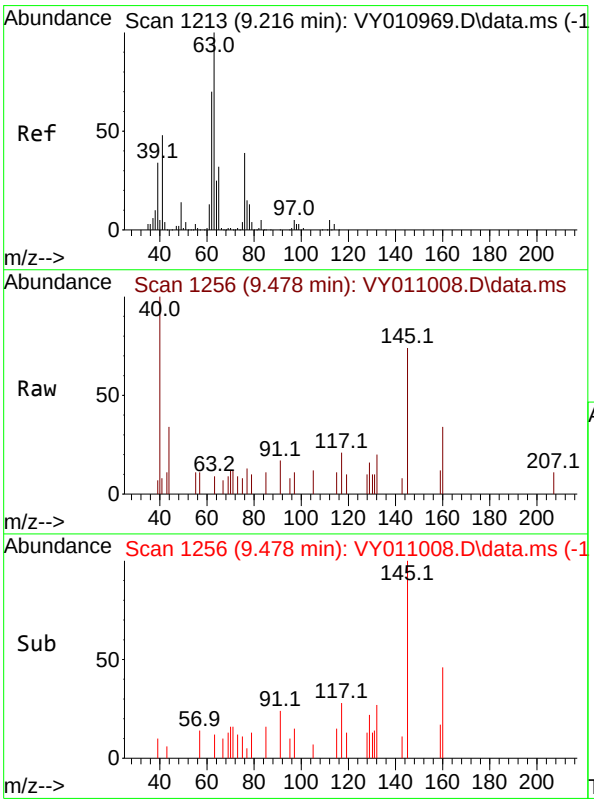

#43
Isopropyl Acetate
Concen: 20.216 ug/l
RT: 8.265 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 43 Resp: 191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 20.2 | 30.2# |
| 87 | 0.0 | 8.9 | 13.3# |

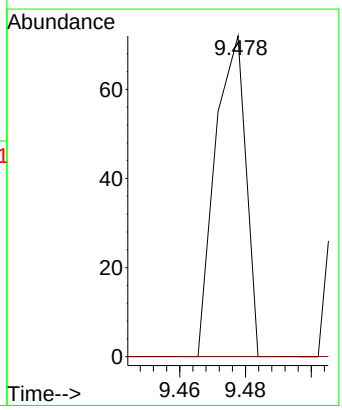


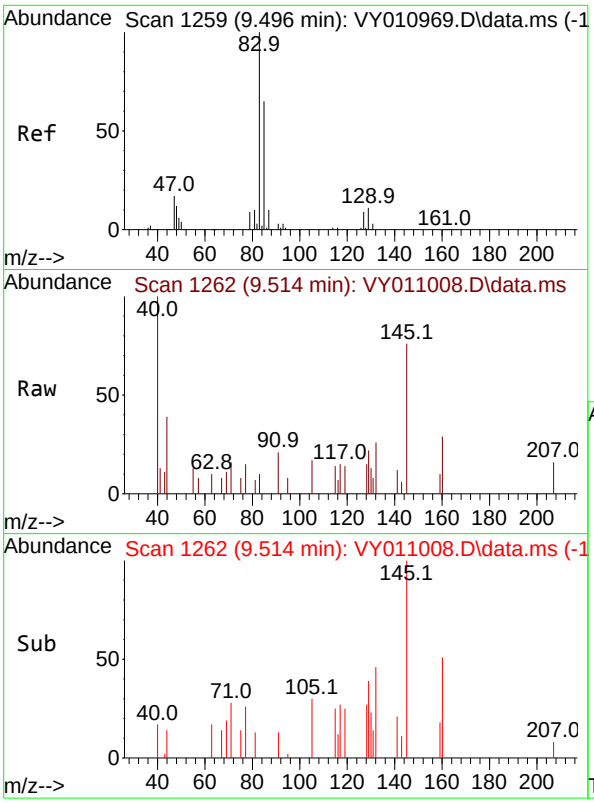




#45
1,2-Dichloropropane
Concen: 6.469 ug/l
RT: 9.478 min Scan# 1256
Delta R.T. 0.262 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 63 Resp: 46

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 0.0 | 23.0 | 34.6# |



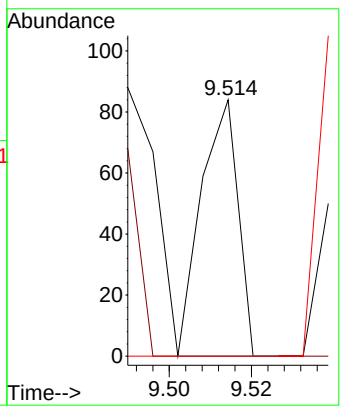


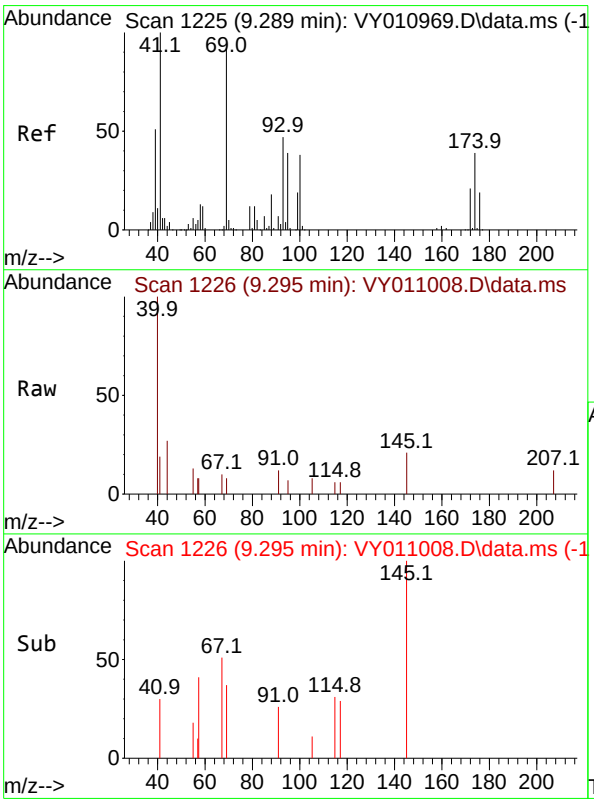

#47
Bromodichloromethane
Concen: 5.441 ug/l
RT: 9.514 min Scan# 1
Delta R.T. 0.018 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 83 Resp: 52

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 0.0 | 51.9 | 77.9# |
| 127 | 0.0 | 6.6 | 10.0# |

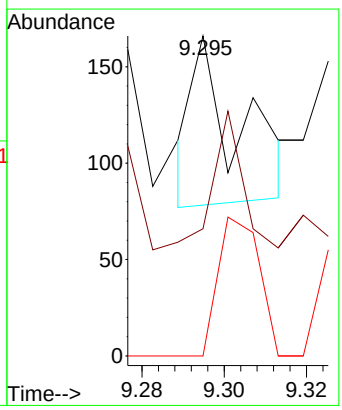


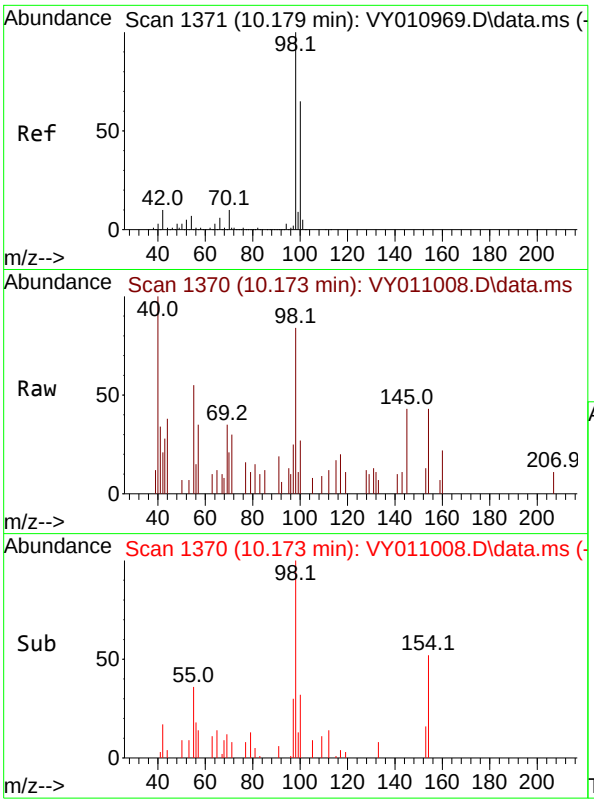




#48
Methyl methacrylate
Concen: 16.319 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 41 Resp: 69

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 47.8 | 58.2 | 87.2# |
| 39 | 72.5 | 47.4 | 71.0# |



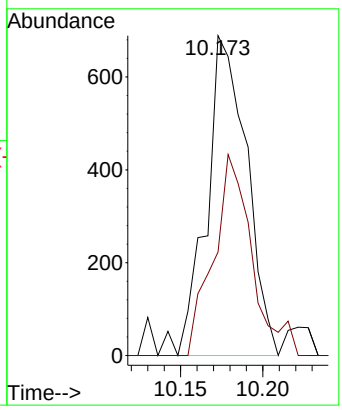


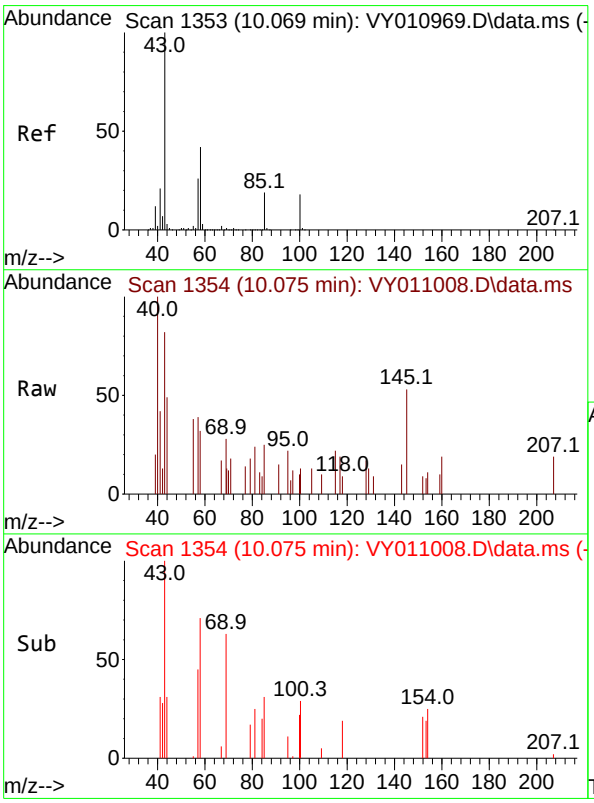

#50
Toluene-d8
Concen: 54.101 ug/l
RT: 10.173 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 98 Resp: 1159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 60.7 | 50.2 | 75.2 |

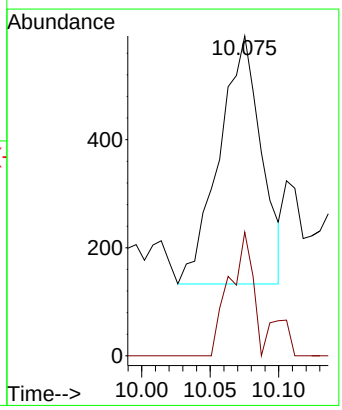


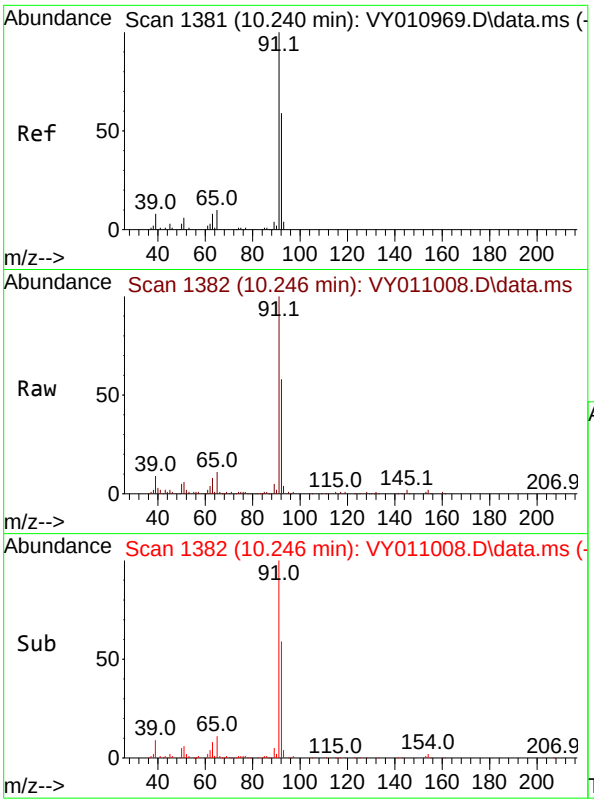




#51
4-Methyl-2-Pentanone
Concen: 187.132 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 43 Resp: 986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.5 | 28.1 | 42.1# |



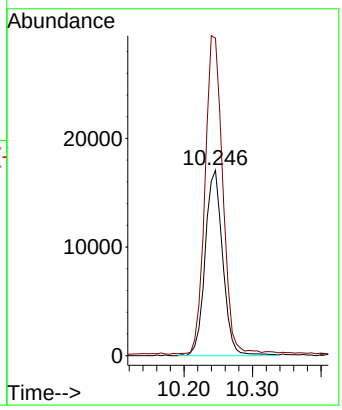


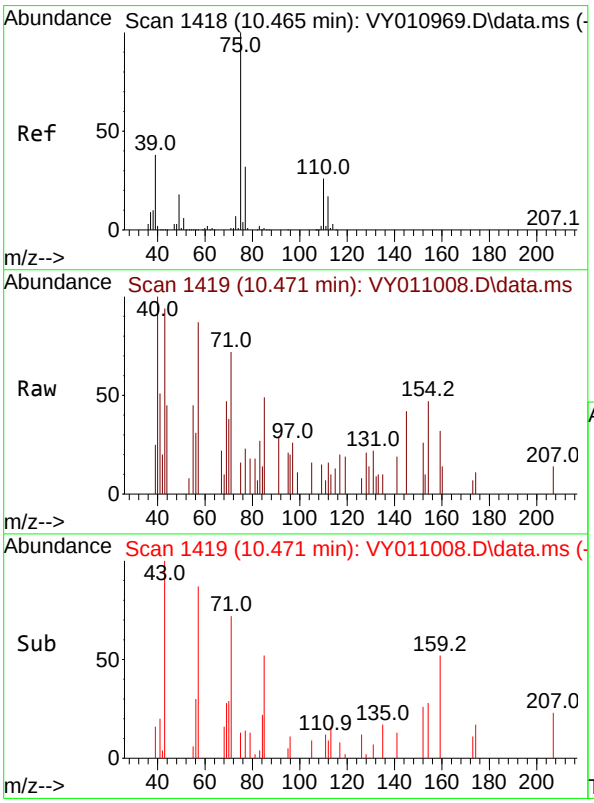

#52
Toluene
Concen: 1750.725 ug/l
RT: 10.246 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 92 Resp: 30480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 172.7 | 142.6 | 213.8 |

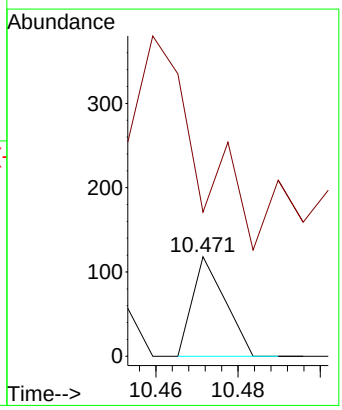


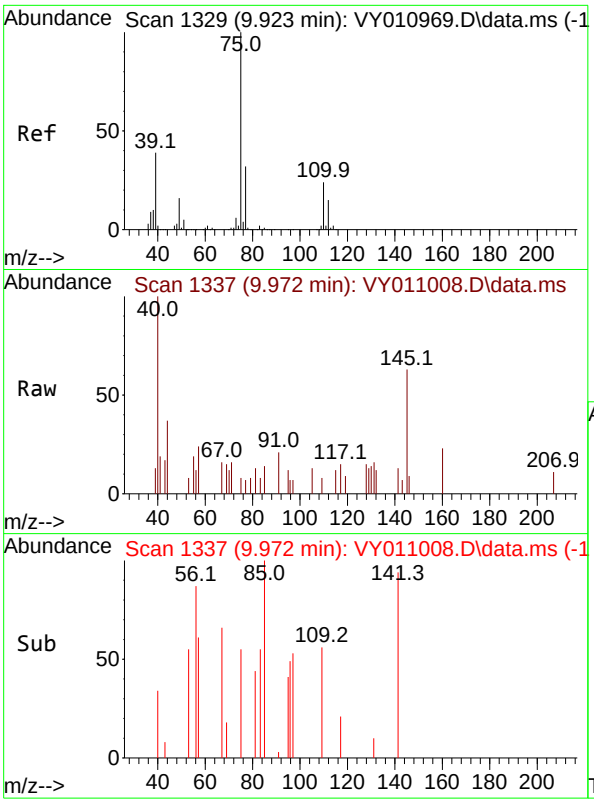




#53
t-1,3-Dichloropropene
Concen: 6.547 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 75 Resp: 65

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 25.4 | 38.2# |



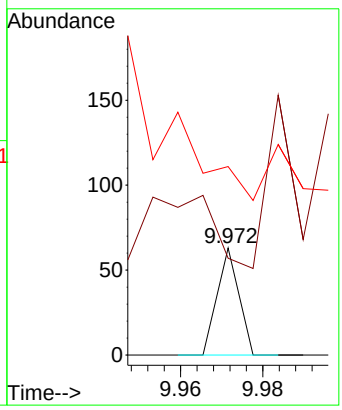


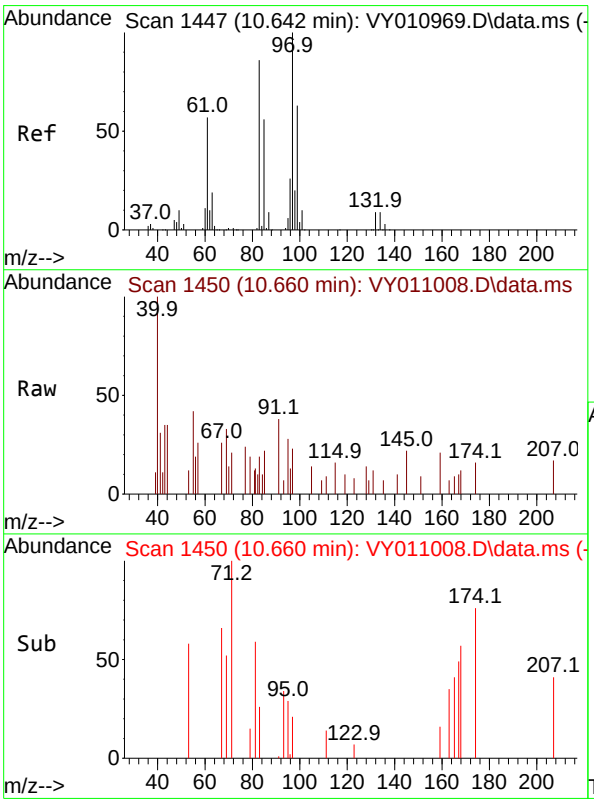

#54
cis-1,3-Dichloropropene
Concen: 2.024 ug/l
RT: 9.972 min Scan# 1
Delta R.T. 0.049 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 75 Resp: 23

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 25.6 | 38.4# |
| 39 | 0.0 | 47.6 | 71.4# |

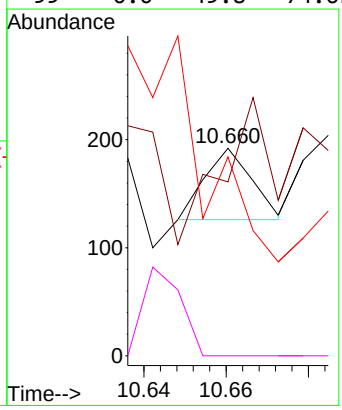


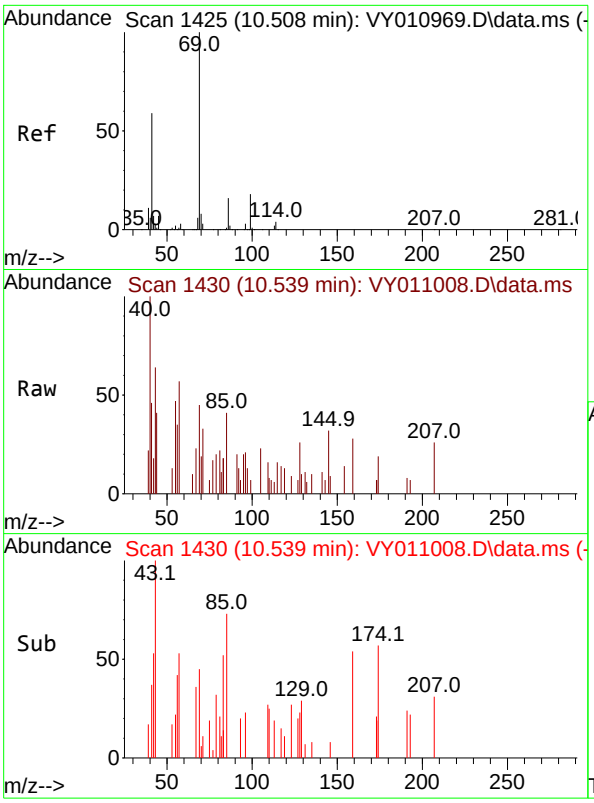




#55
1,1,2-Trichloroethane
Concen: 9.089 ug/l
RT: 10.660 min Scan# 1450
Delta R.T. 0.018 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 97 Resp: 52

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 87.9 | 69.8 | 104.8 |
| 85 | 147.0 | 44.3 | 66.5# |
| 99 | 0.0 | 49.8 | 74.6# |



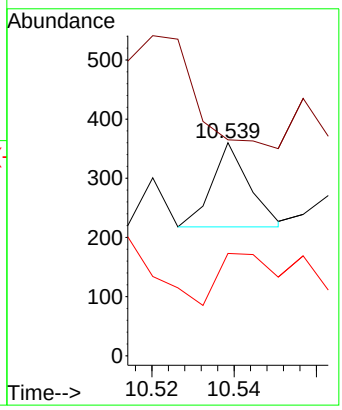


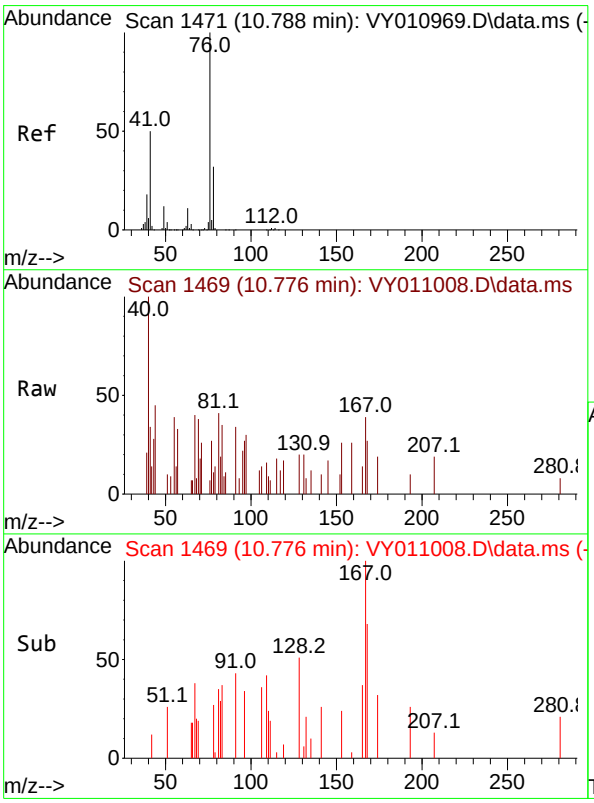

#56
Ethyl methacrylate
Concen: 11.713 ug/l
RT: 10.539 min Scan# 14
Delta R.T. 0.031 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 69 Resp: 89

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 519.1 | 63.4 | 95.0# |
| 39 | 157.3 | 35.8 | 53.8# |

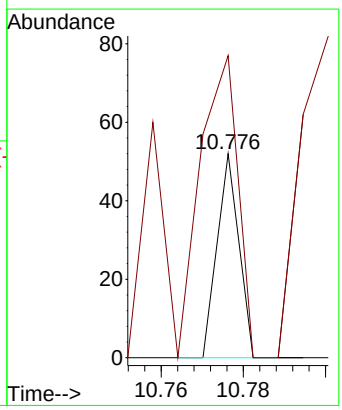


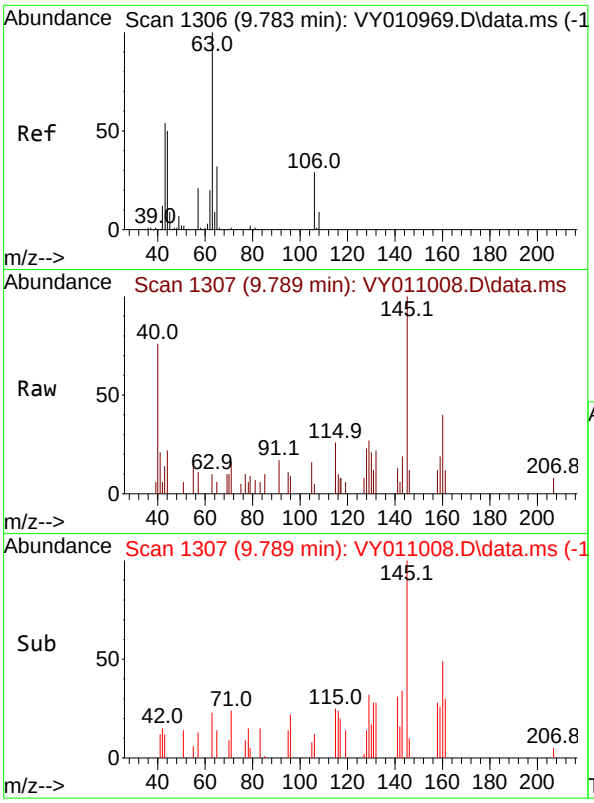




#57
1,3-Dichloropropane
Concen: 1.932 ug/l
RT: 10.776 min Scan# 1469
Delta R.T. -0.012 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 76 Resp: 19

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 373.7 | 25.0 | 37.6# |



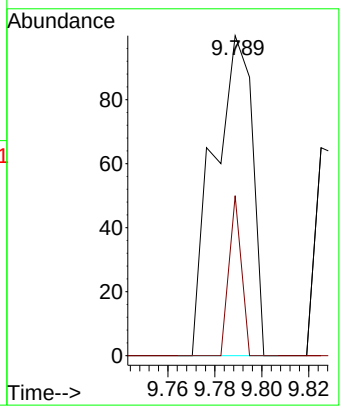


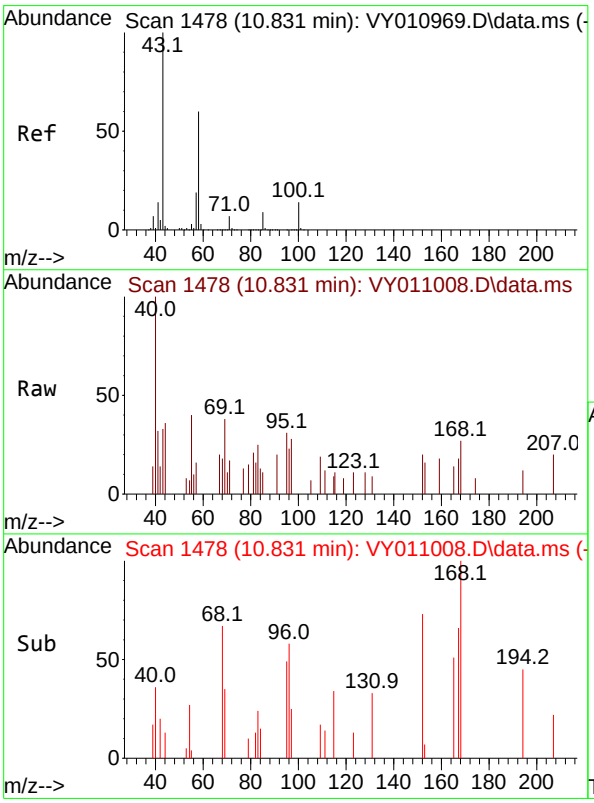

#58
2-Chloroethyl Vinyl ether
Concen: 45.226 ug/l
RT: 9.789 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 63 Resp: 114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 15.8 | 21.5 | 32.3# |

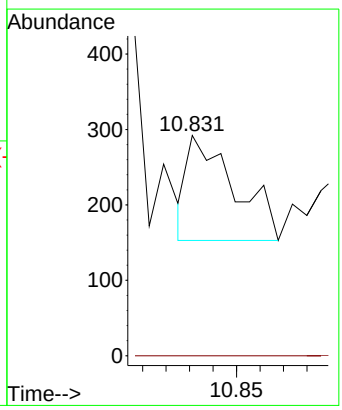


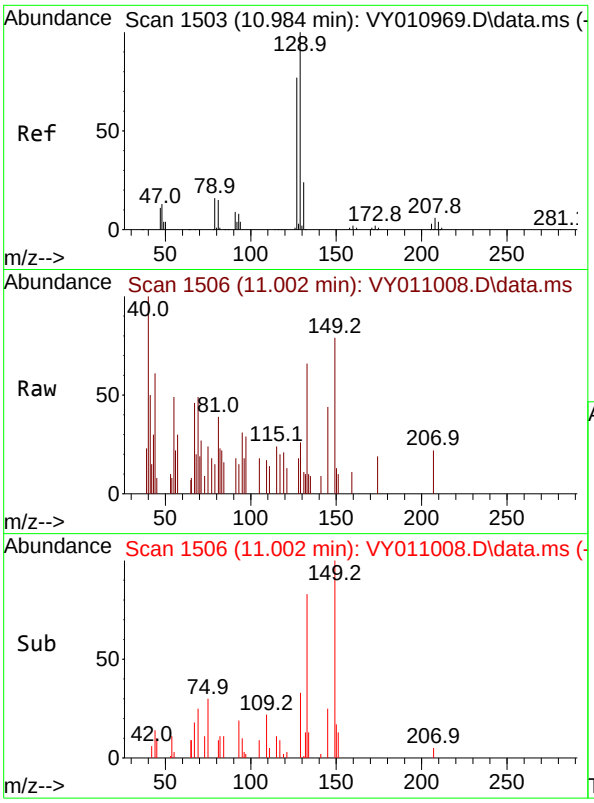




#59
2-Hexanone
Concen: 54.153 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 43 Resp: 196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 24.4 | 73.4# |



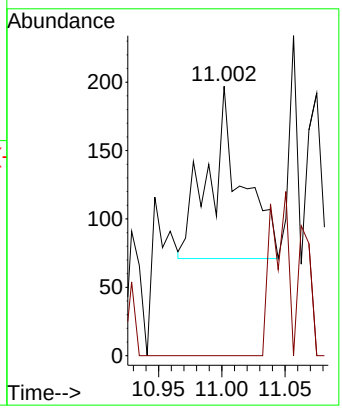


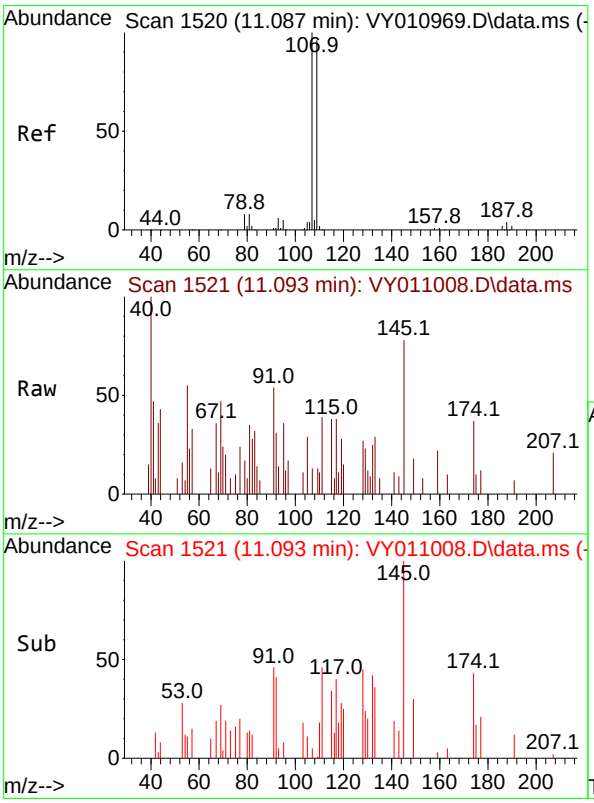

#60
Dibromochloromethane
Concen: 33.662 ug/l
RT: 11.002 min Scan# 1
Delta R.T. 0.018 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion:129 Resp: 229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 38.7 | 116.1# |

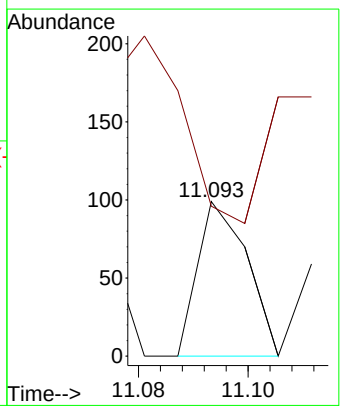


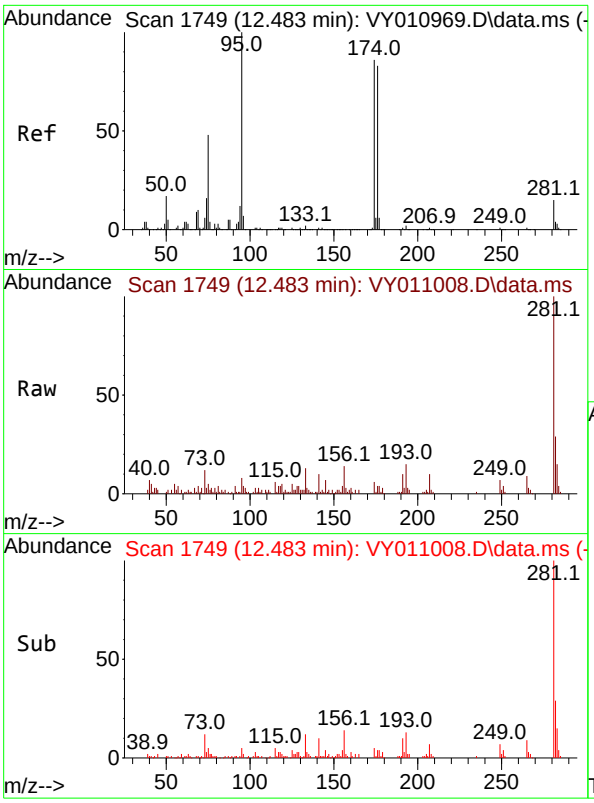




#61
1,2-Dibromoethane
Concen: 11.316 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion:107 Resp: 62

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 109.7 | 75.4 | 113.2 |



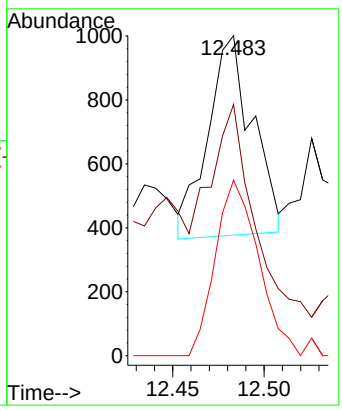


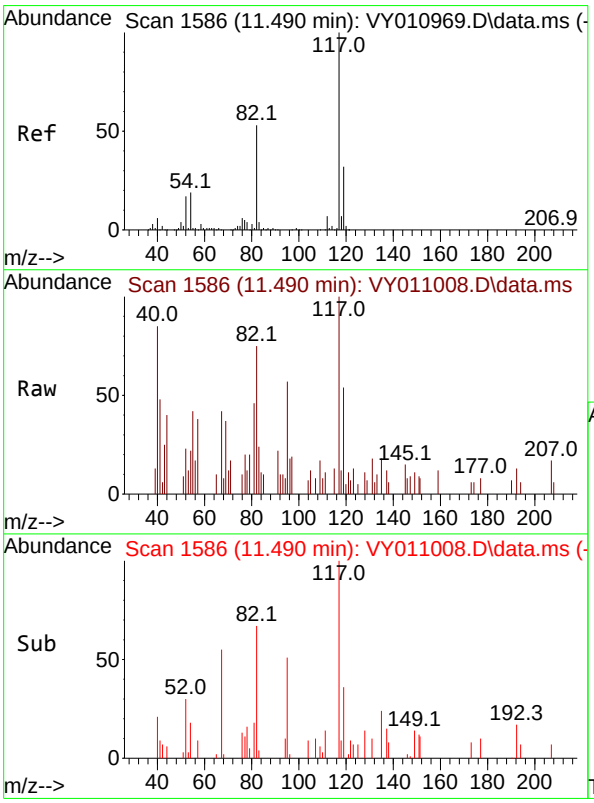

#62
4-Bromofluorobenzene
Concen: 145.273 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 95 Resp: 1058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 107.0 | 0.0 | 177.0 |
| 176 | 87.0 | 0.0 | 175.8 |

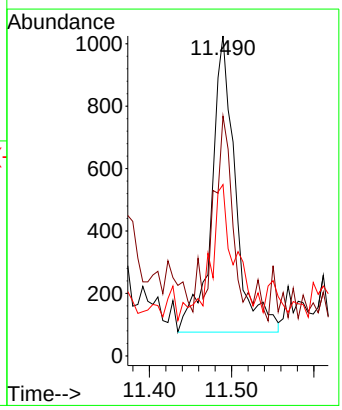


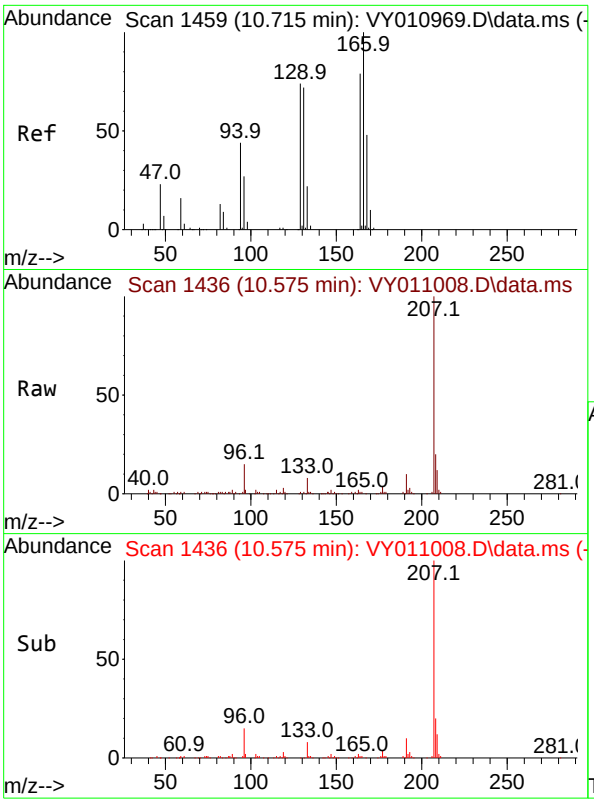




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion:117 Resp: 1923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 66.1 | 43.0 | 64.4# |
| 119 | 45.9 | 25.4 | 38.0# |



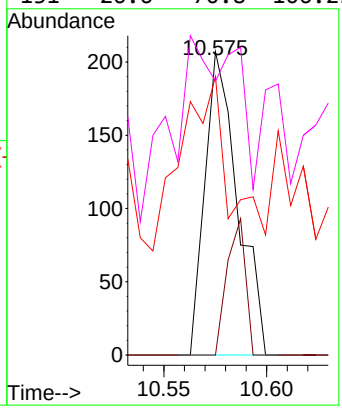


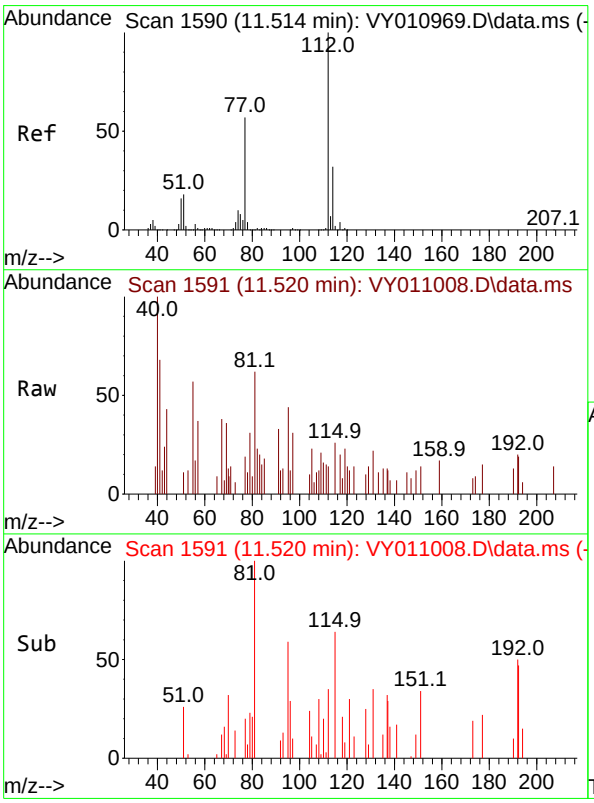

#64
Tetrachloroethene
Concen: 15.231 ug/l
RT: 10.575 min Scan# 14
Delta R.T. -0.140 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion:164 Resp: 228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 0.0 | 100.4 | 150.6# |
| 129 | 30.0 | 71.4 | 107.0# |
| 131 | 26.6 | 70.8 | 106.2# |

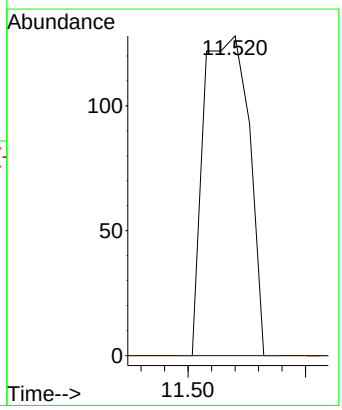


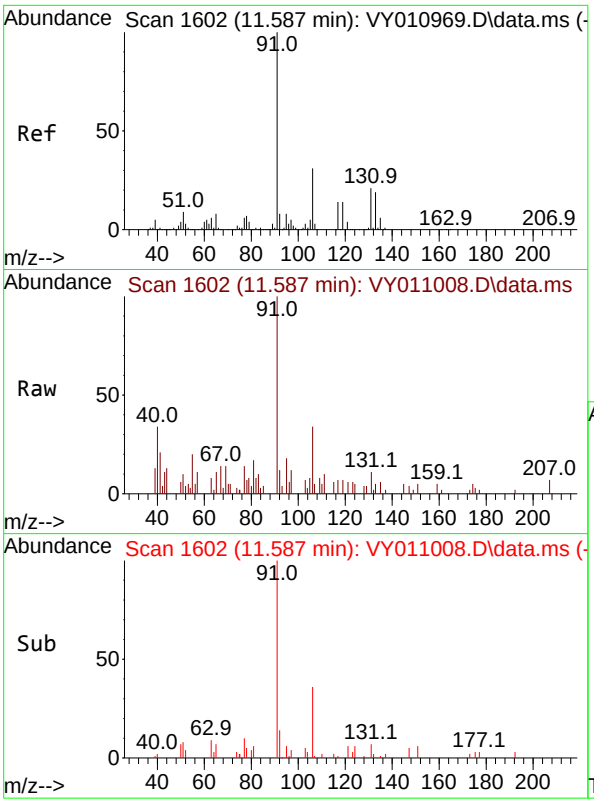




#65
Chlorobenzene
Concen: 4.306 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion:112 Resp: 170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 0.0 | 25.8 | 38.6# |



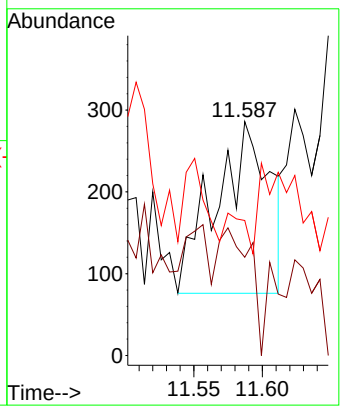


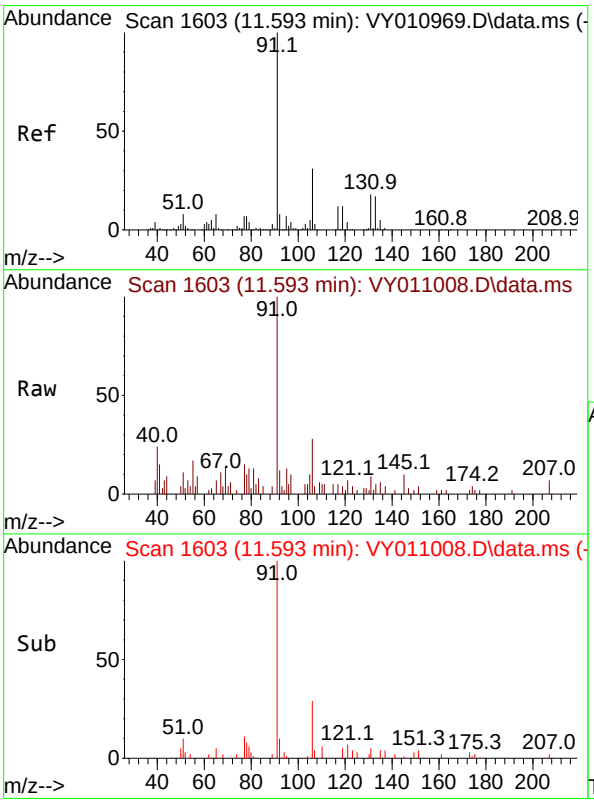

#66
1,1,1,2-Tetrachloroethane
Concen: 39.075 ug/l
RT: 11.587 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion:131 Resp: 571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 0.0 | 47.9 | 143.6# |
| 119 | 35.2 | 30.8 | 92.3 |

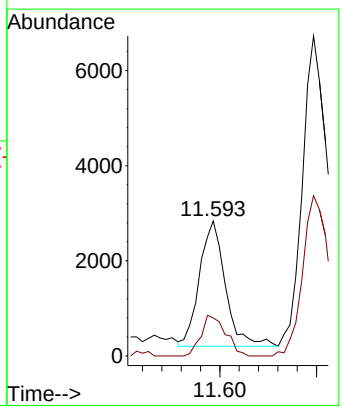


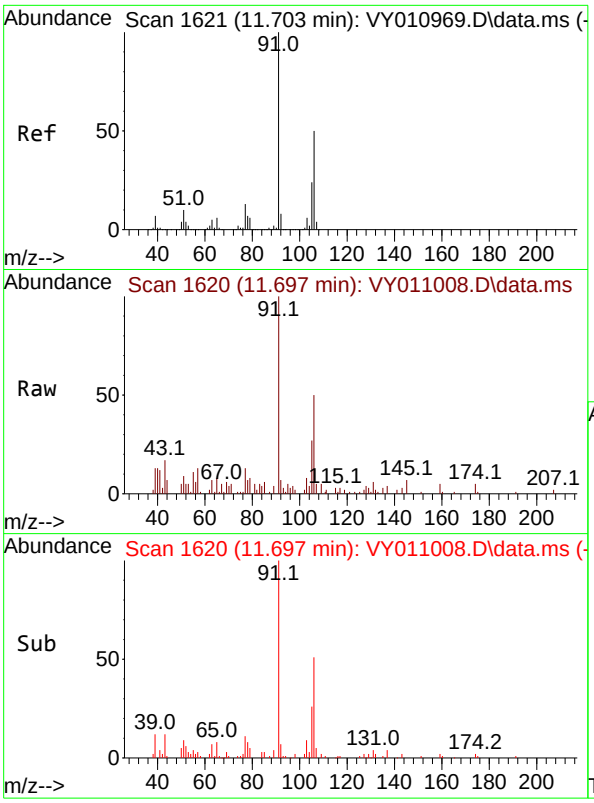




#67
Ethyl Benzene
Concen: 70.126 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 91 Resp: 4898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.4 | 24.5 | 36.7 |



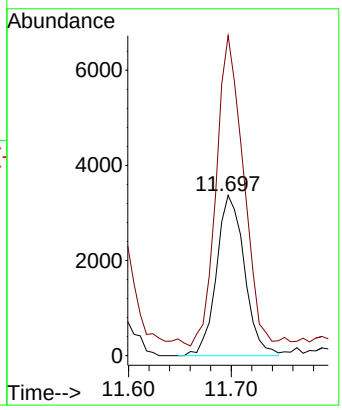


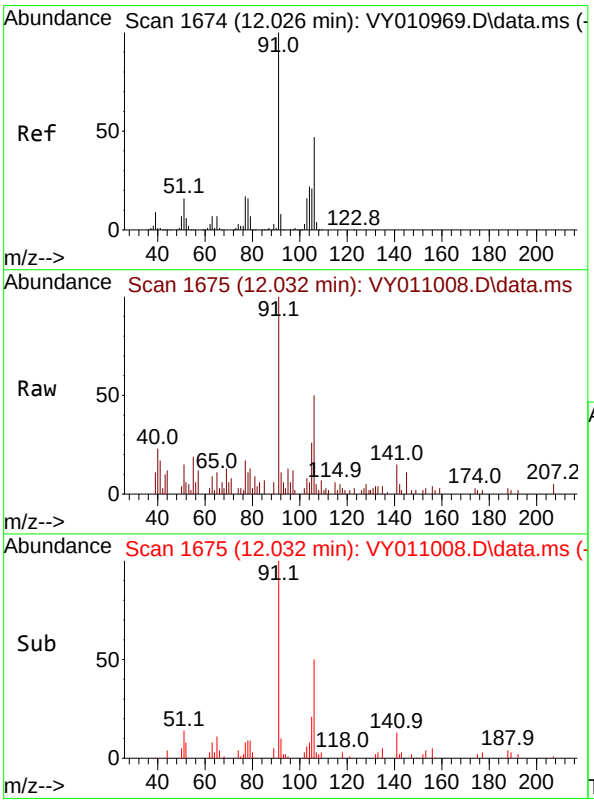

#68
m/p-Xylenes
Concen: 237.157 ug/l
RT: 11.697 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion:106 Resp: 6372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 187.3 | 166.6 | 249.8 |

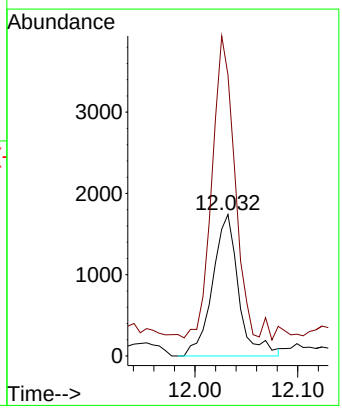


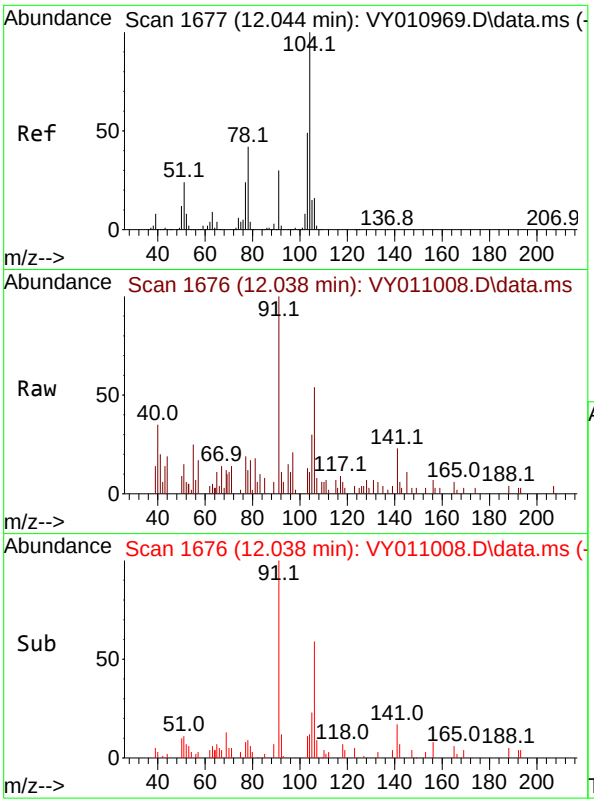




#69
o-Xylene
Concen: 120.371 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion:106 Resp: 3071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 182.8 | 110.3 | 331.0 |



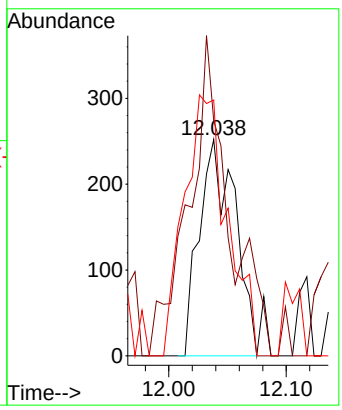


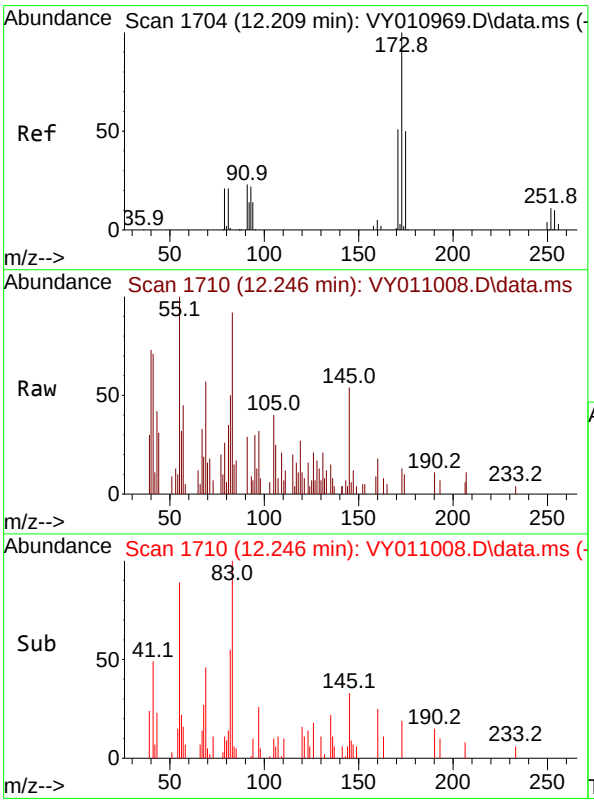

#70
Styrene
Concen: 12.931 ug/l
RT: 12.038 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion:104 Resp: 559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 131.1 | 42.4 | 63.6# |
| 103 | 139.4 | 44.4 | 66.6# |

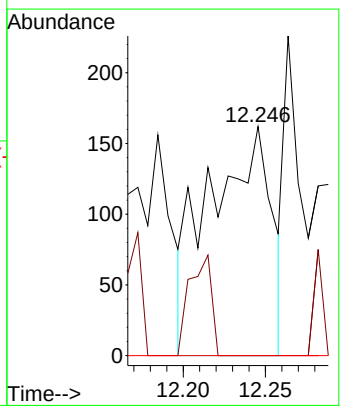


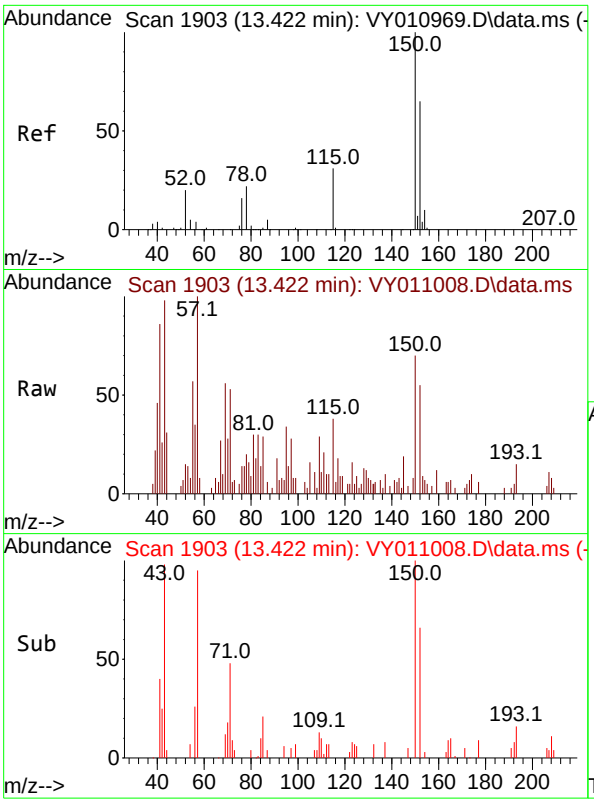




#71
Bromoform
Concen: 47.014 ug/l
RT: 12.246 min Scan# 1710
Delta R.T. 0.037 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion:173 Resp: 424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 0.0 | 24.6 | 74.0# |
| 254 | 0.0 | 0.0 | 0.0 |



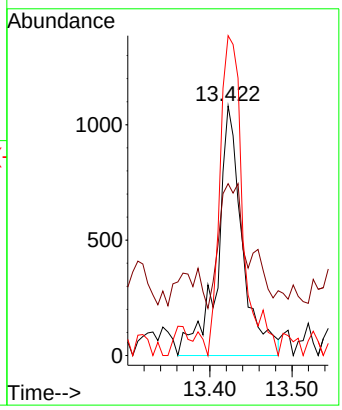


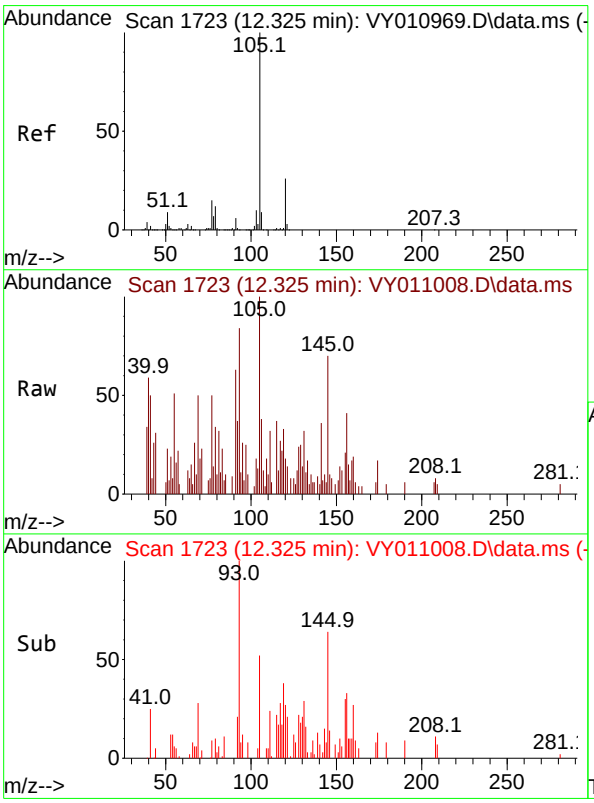

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion:152 Resp: 2269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 46.6 | 28.2 | 84.7 |
| 150 | 117.8 | 0.0 | 347.6 |

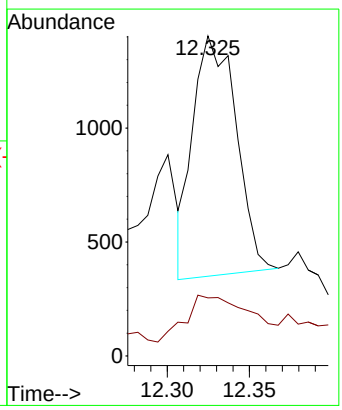


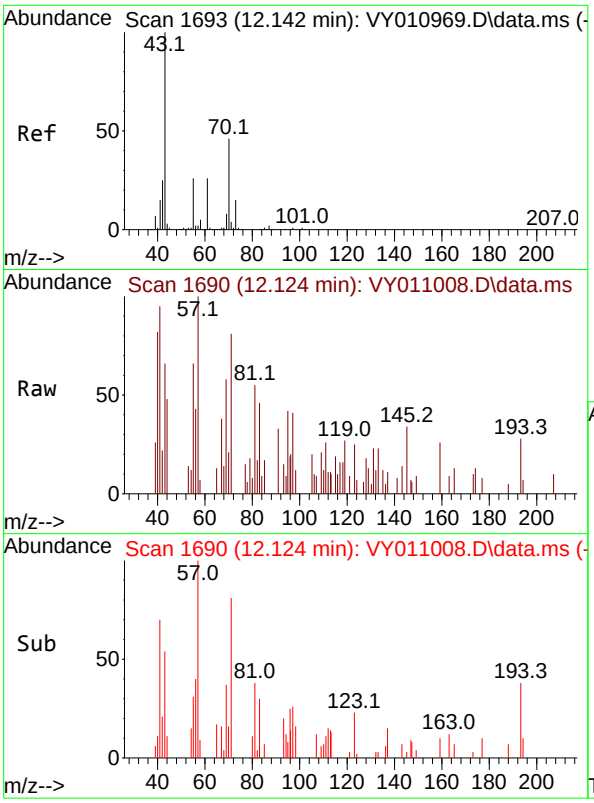




#73
Isopropylbenzene
Concen: 11.647 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion:105 Resp: 1920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 29.6 | 13.4 | 40.2 |



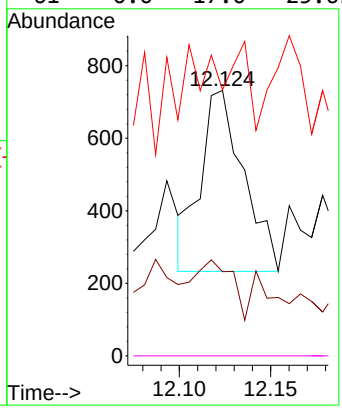


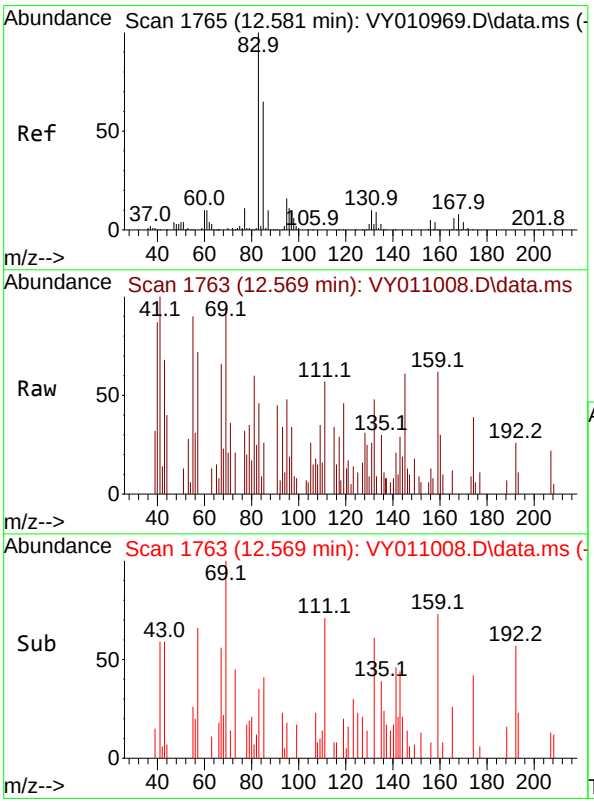

#74
N-amyl acetate
Concen: 19.605 ug/l
RT: 12.124 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 43 Resp: 820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 30.2 | 28.7 | 43.1 |
| 55 | 37.7 | 17.3 | 25.9# |
| 61 | 0.0 | 17.0 | 25.6# |

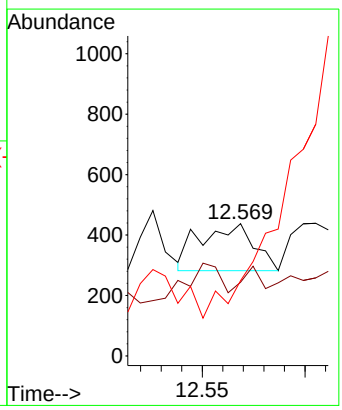


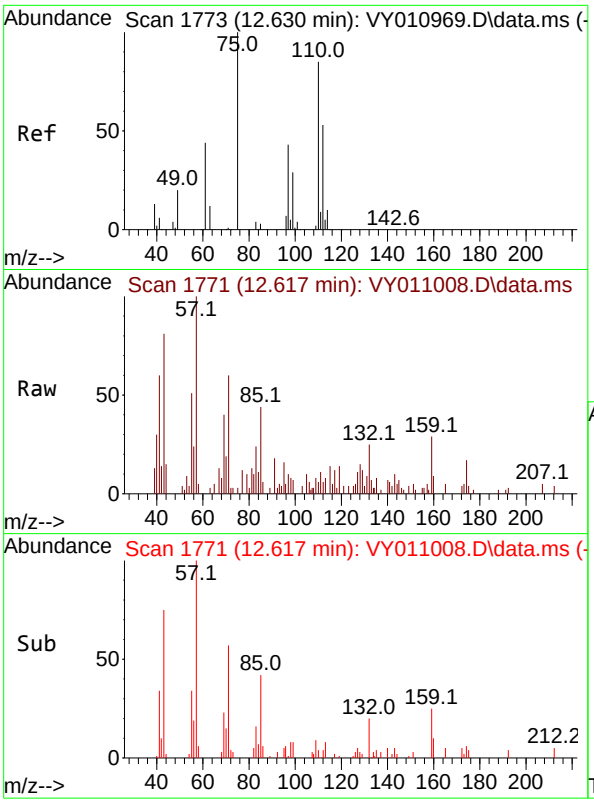




#75
1,1,2,2-Tetrachloroethane
Concen: 8.093 ug/l
RT: 12.569 min Scan# 1763
Delta R.T. -0.012 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 83 Resp: 280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 57.5 | 5.6 | 16.8# |
| 85 | 0.0 | 32.3 | 96.8# |



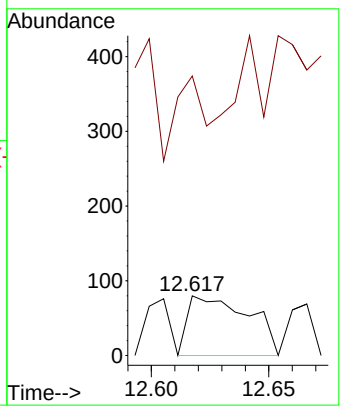


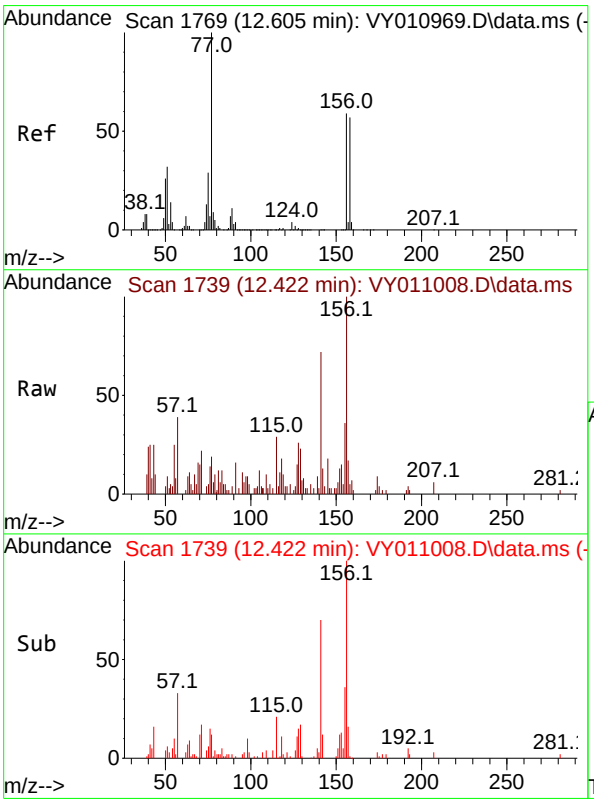

#76
1,2,3-Trichloropropane
Concen: 5.629 ug/l
RT: 12.617 min Scan# 1
Delta R.T. -0.013 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 75 Resp: 145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.8 | 0.0 | 0.0# |

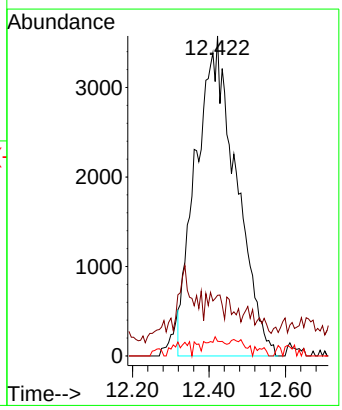


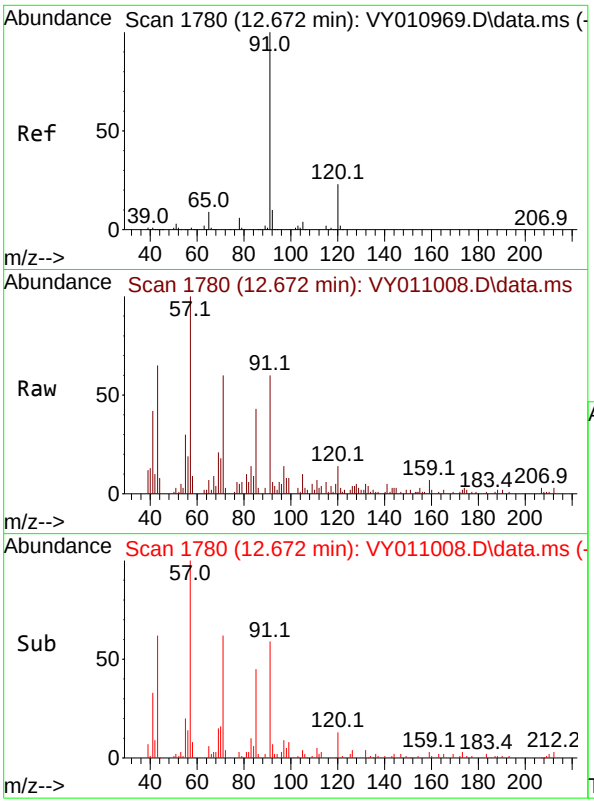




#77
Bromobenzene
Concen: 676.406 ug/l
RT: 12.422 min Scan# 1739
Delta R.T. -0.183 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion:156 Resp: 26064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 1.4 | 95.5 | 286.4# |
| 158 | 2.4 | 48.0 | 144.0# |



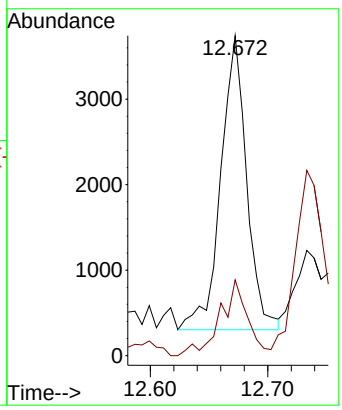


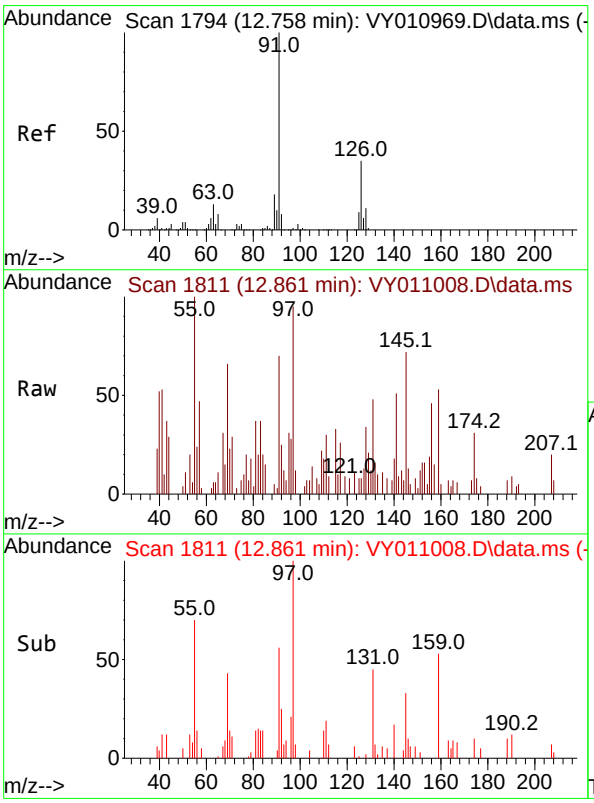

#78
n-propylbenzene
Concen: 26.335 ug/l
RT: 12.672 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 91 Resp: 5282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 27.2 | 11.3 | 33.9 |

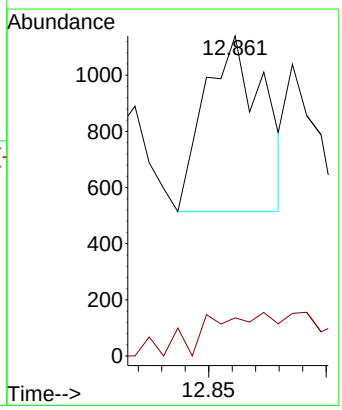


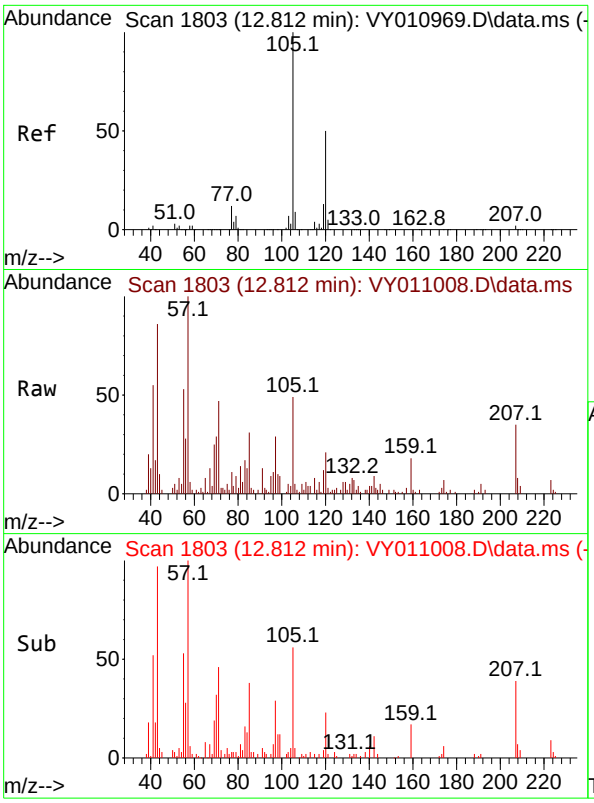




#79
2-Chlorotoluene
Concen: 9.553 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.103 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 91 Resp: 1079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 30.1 | 16.9 | 50.6 |



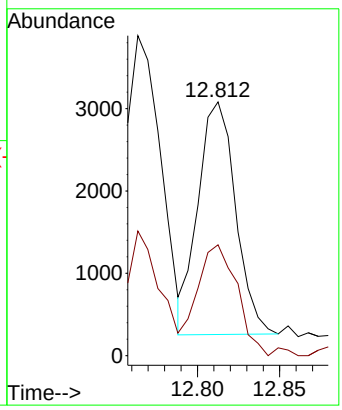


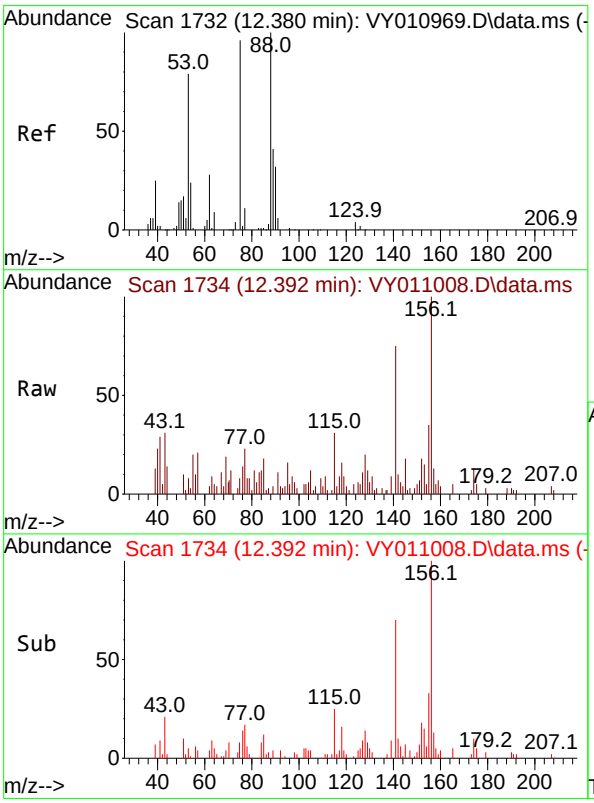

#80
1,3,5-Trimethylbenzene
Concen: 32.710 ug/l
RT: 12.812 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion:105 Resp: 4499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 51.8 | 24.4 | 73.4 |

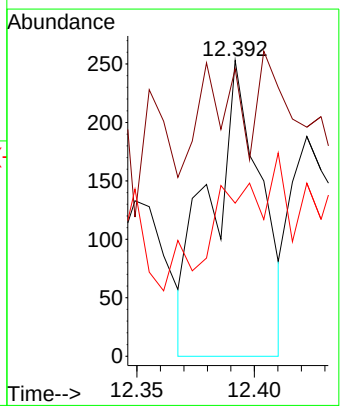


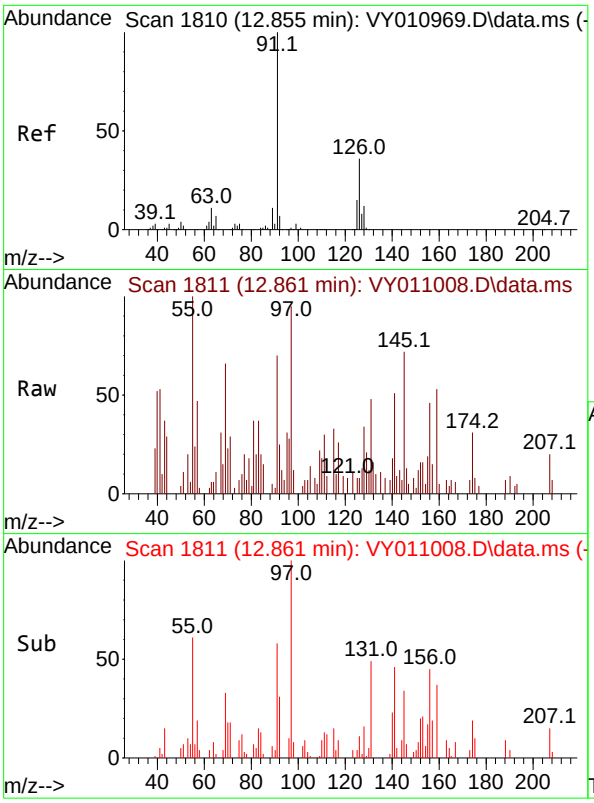




#81
trans-1,4-Dichloro-2-butene
Concen: 31.726 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.012 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 75 Resp: 380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 21.1 | 85.3 | 127.9# |
| 89 | 38.9 | 37.0 | 55.4 |



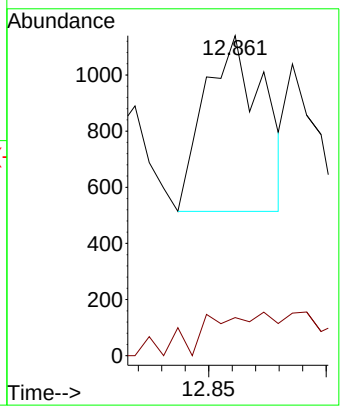


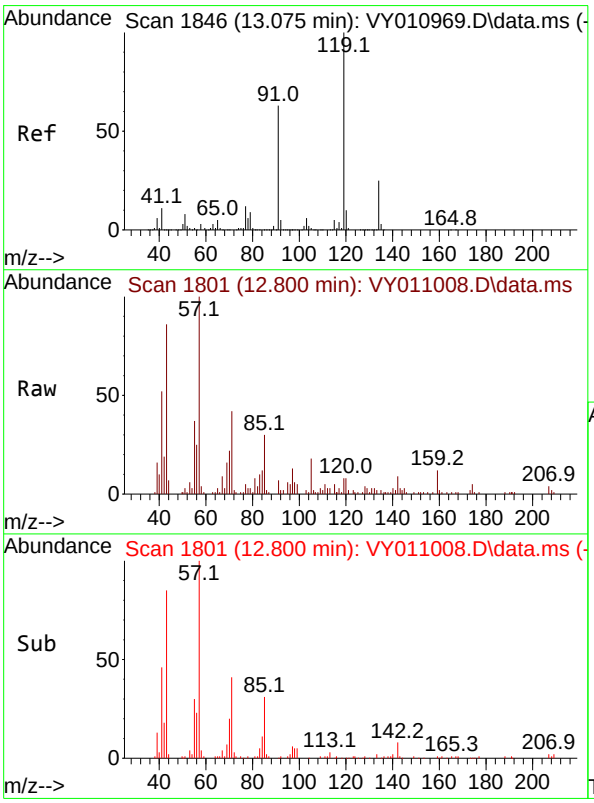

#82
4-Chlorotoluene
Concen: 9.175 ug/l
RT: 12.861 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 91 Resp: 1079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 30.1 | 17.0 | 51.0 |

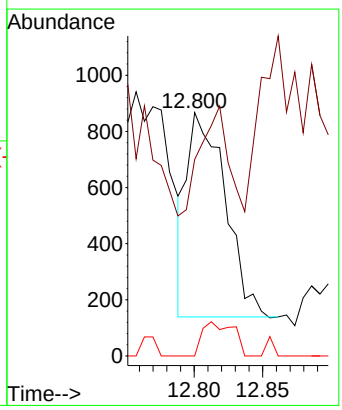


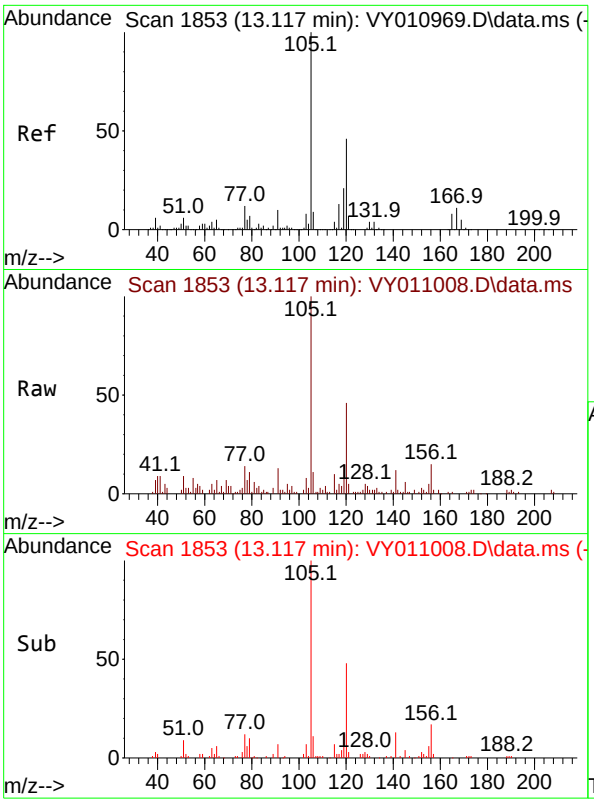




#83
tert-Butylbenzene
Concen: 11.897 ug/l
RT: 12.800 min Scan# 1801
Delta R.T. -0.275 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion:119 Resp: 1415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 38.8 | 34.8 | 104.4 |
| 134 | 13.4 | 13.3 | 39.9 |



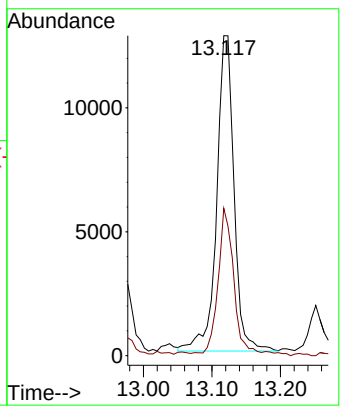


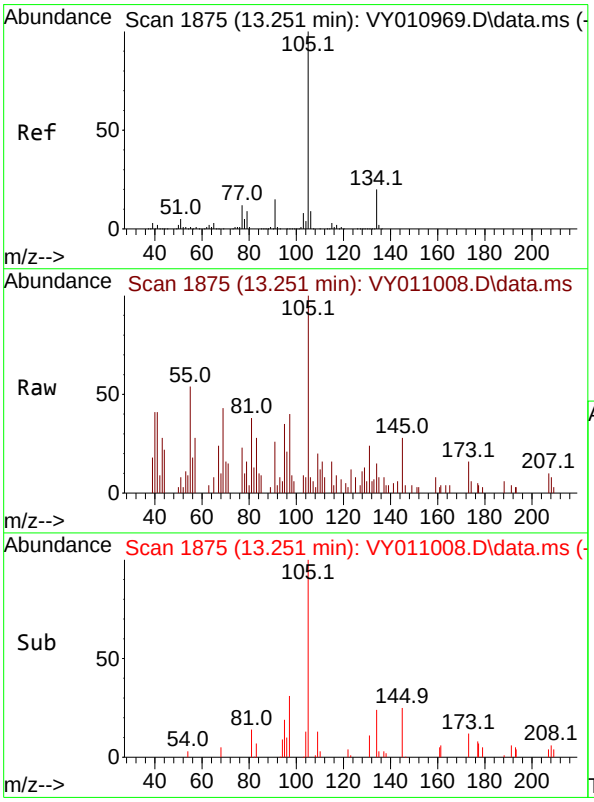

#84
1,2,4-Trimethylbenzene
Concen: 164.995 ug/l
RT: 13.117 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion:105 Resp: 22378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.5 | 22.3 | 66.9 |

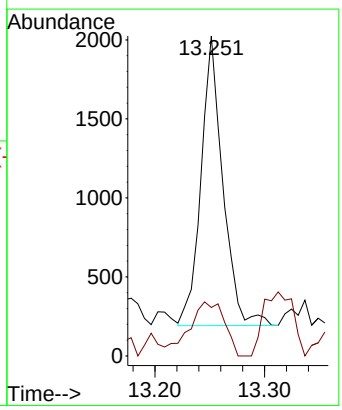


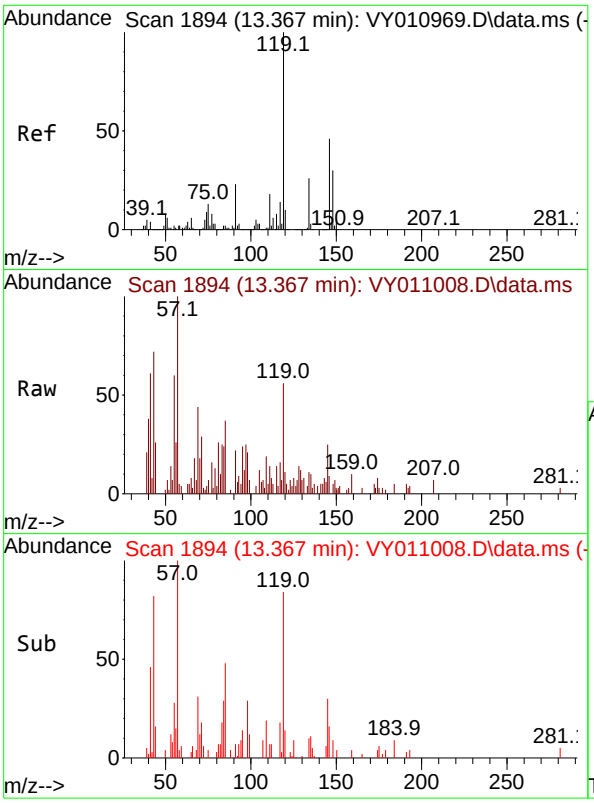




#85
sec-Butylbenzene
Concen: 14.201 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion:105 Resp: 2538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 29.9 | 10.2 | 30.4 |



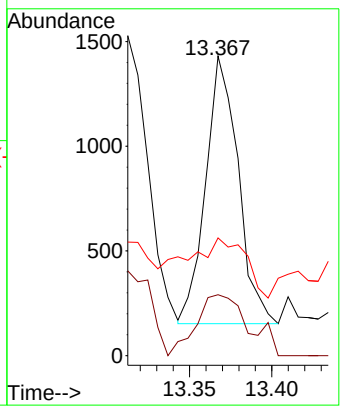


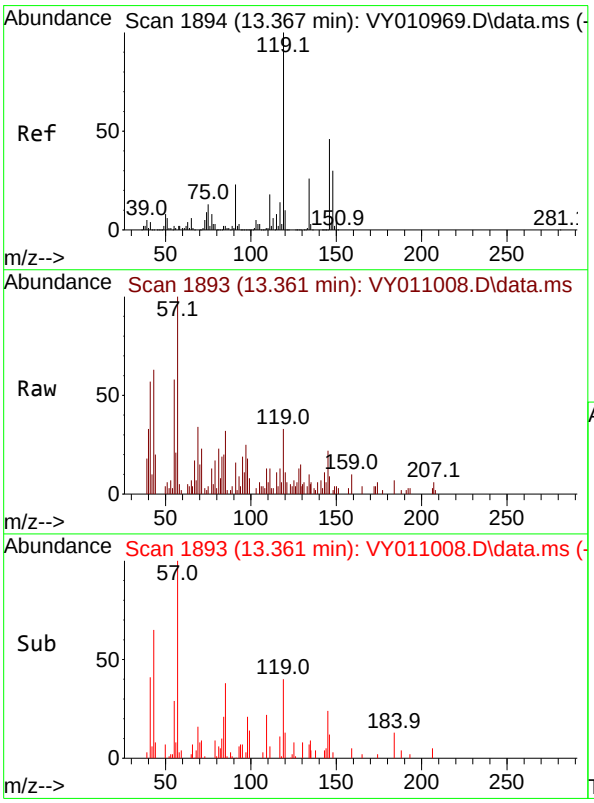

#86
p-Isopropyltoluene
Concen: 11.816 ug/l
RT: 13.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion:119 Resp: 1752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 36.4 | 13.2 | 39.5 |
| 91 | 21.6 | 12.4 | 37.2 |

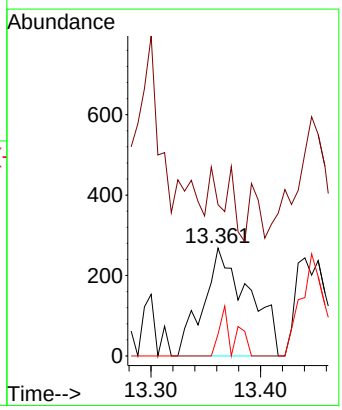


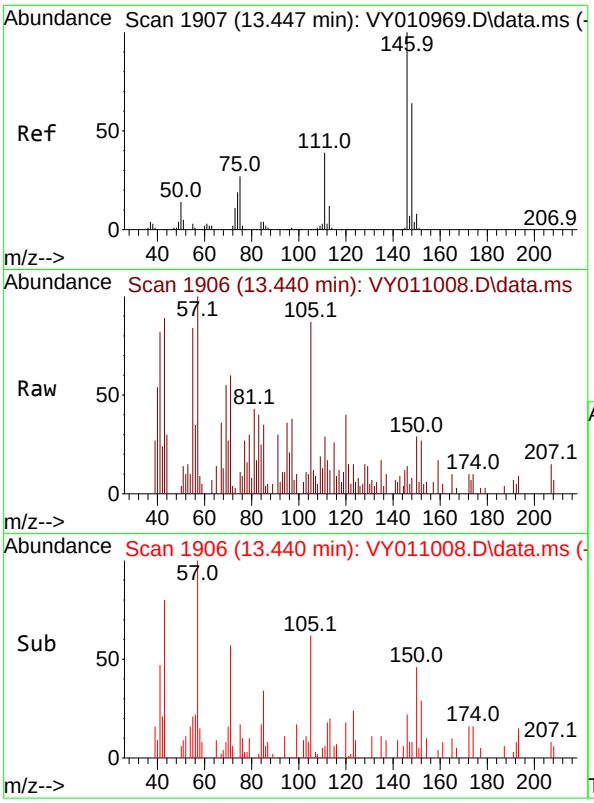




#87
1,3-Dichlorobenzene
Concen: 10.065 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion:146 Resp: 774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 0.0 | 19.5 | 58.5# |
| 148 | 14.7 | 31.6 | 95.0# |



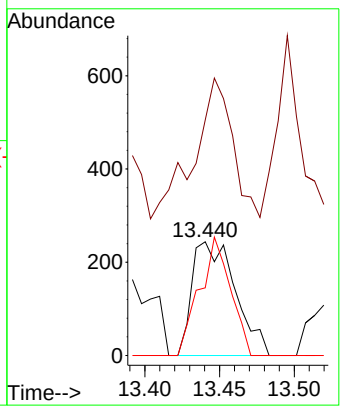


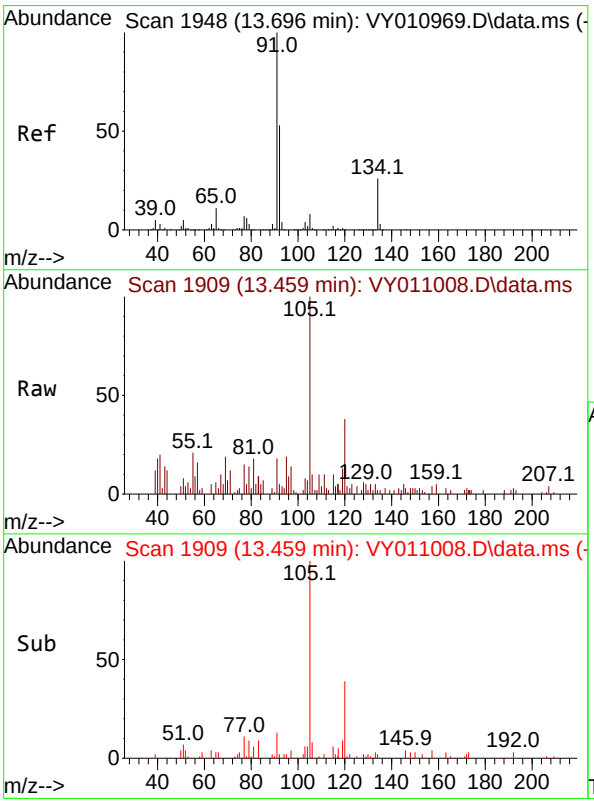

#88
1,4-Dichlorobenzene
Concen: 6.434 ug/l
RT: 13.440 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion:146 Resp: 492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 112.6 | 19.3 | 57.8# |
| 148 | 74.2 | 32.6 | 97.8 |

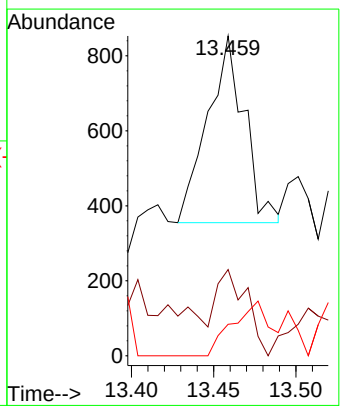


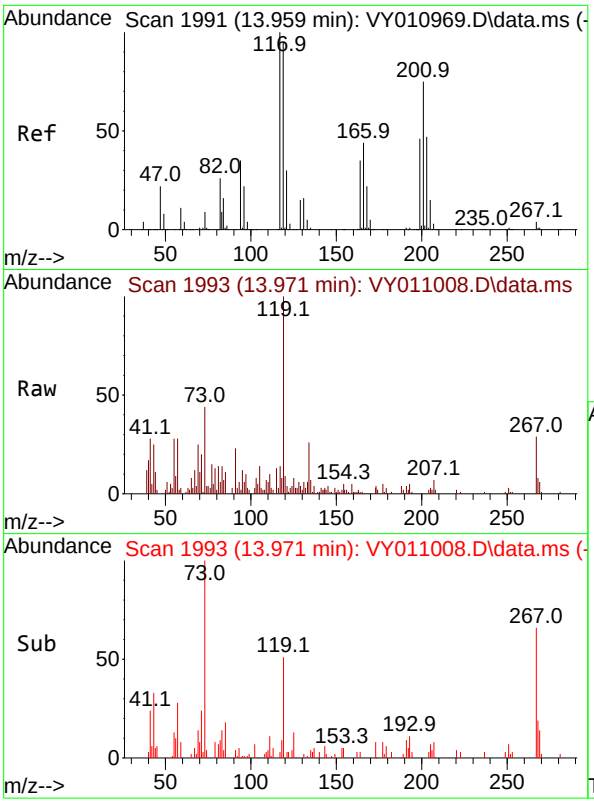




#89
n-Butylbenzene
Concen: 5.565 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. -0.237 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion: 91 Resp: 771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 38.1 | 26.3 | 78.9 |
| 134 | 29.8 | 13.0 | 38.9 |



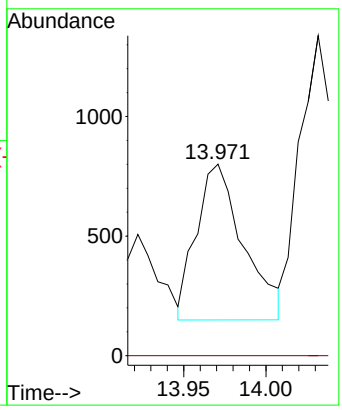


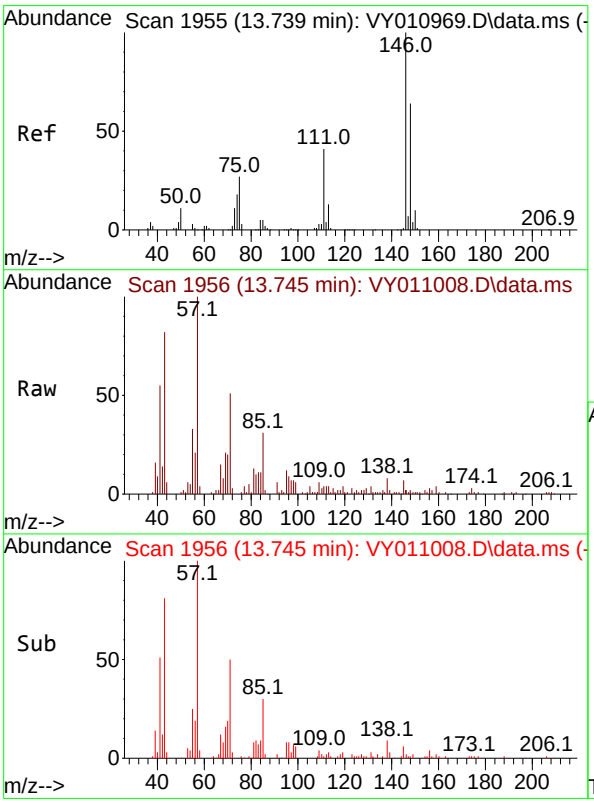

#90
Hexachloroethane
Concen: 44.291 ug/l
RT: 13.971 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion:117 Resp: 1296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 43.0 | 128.8# |

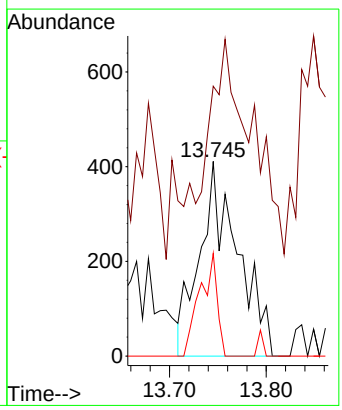


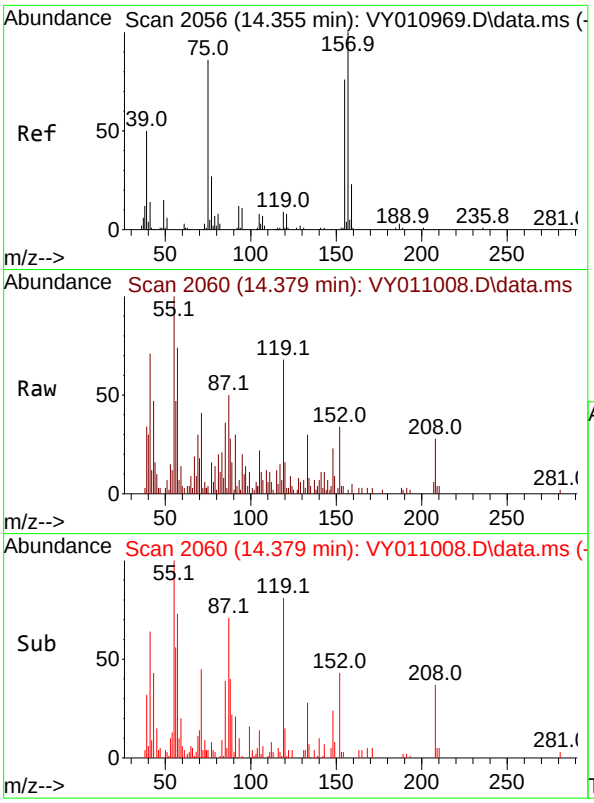




#91
1,2-Dichlorobenzene
Concen: 16.351 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion:146 Resp: 1125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 118.2 | 20.3 | 60.9# |
| 148 | 24.4 | 32.3 | 96.9# |



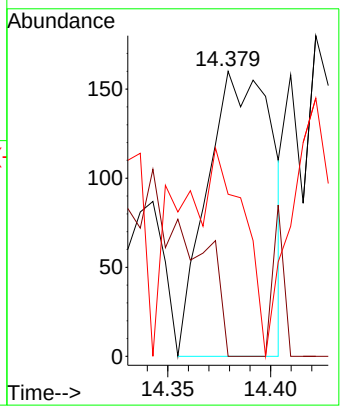


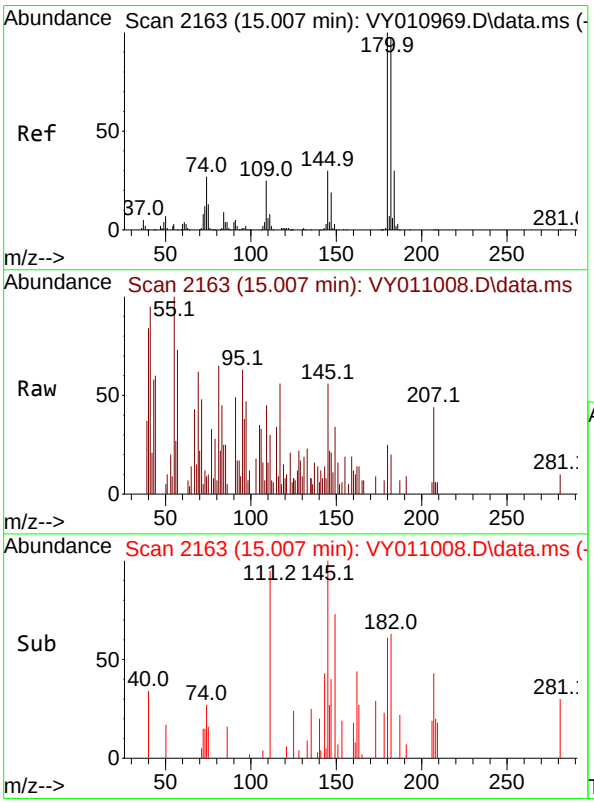

#92
1,2-Dibromo-3-Chloropropane
Concen: 61.712 ug/l
RT: 14.379 min Scan# 2(
Delta R.T. 0.024 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion: 75 Resp: 353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 38.0 | 113.9# |
| 157 | 73.1 | 47.8 | 143.3 |

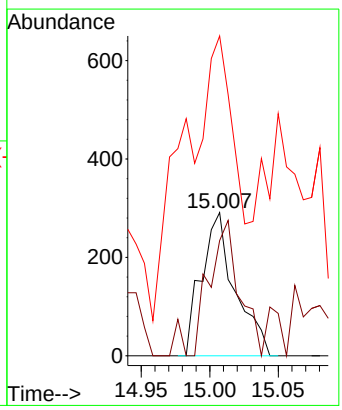


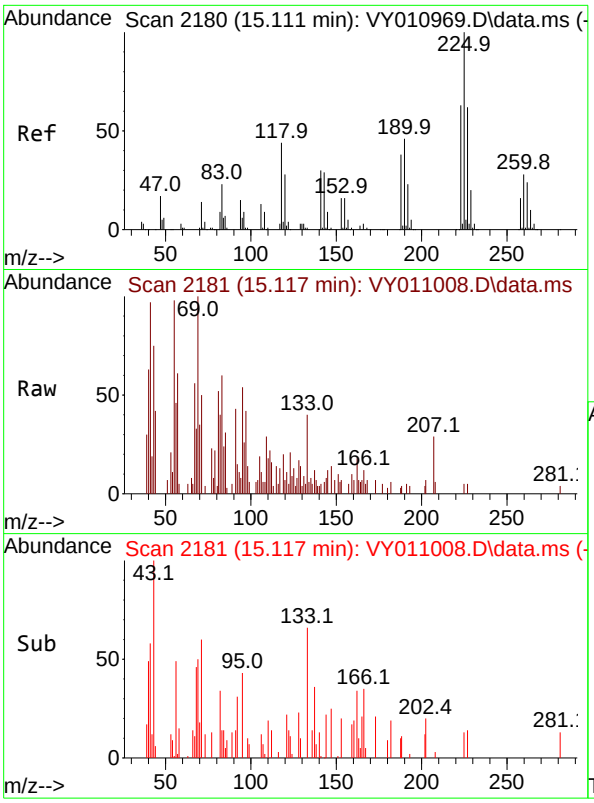




#93
1,2,4-Trichlorobenzene
Concen: 12.038 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion:180 Resp: 495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 83.8 | 47.3 | 141.9 |
| 145 | 298.8 | 14.6 | 43.8# |



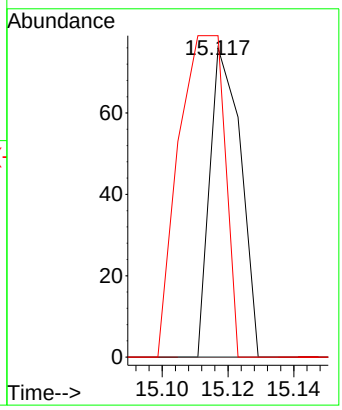


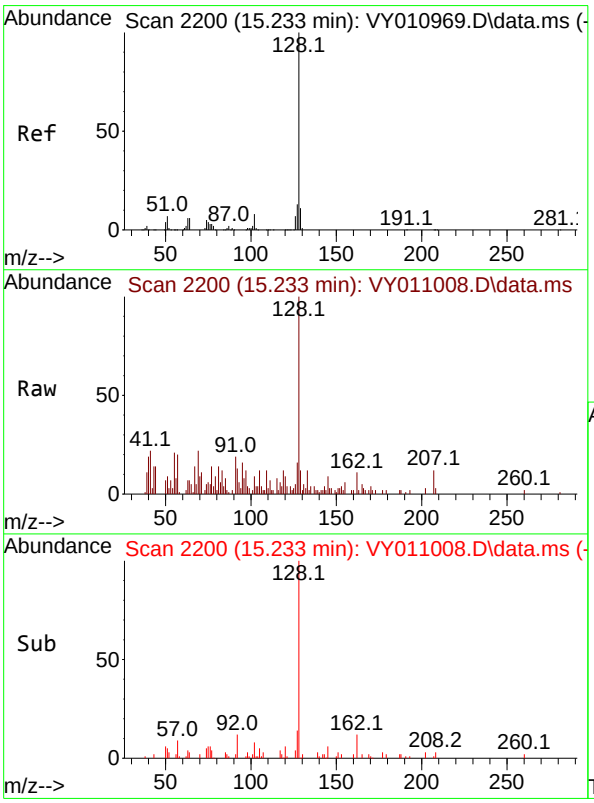

#94
Hexachlorobutadiene
Concen: 2.024 ug/l
RT: 15.117 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion:225 Resp: 49

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 30.8 | 92.3# |
| 227 | 157.1 | 31.6 | 94.7# |

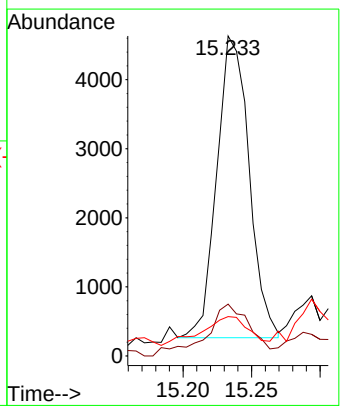


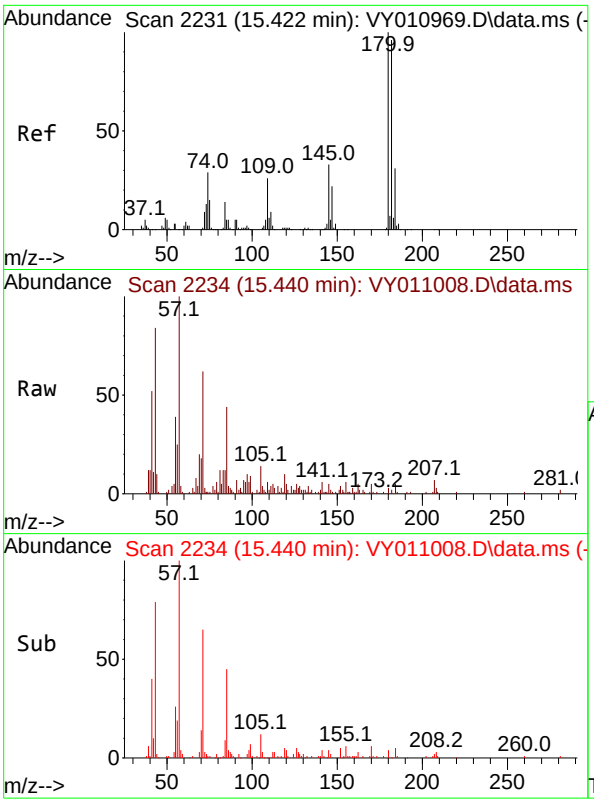




#95
Naphthalene
Concen: 85.522 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

Tgt Ion:128 Resp: 7162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 23.2 | 11.0 | 16.4# |
| 129 | 14.1 | 8.4 | 12.6# |






#96
1,2,3-Trichlorobenzene
Concen: 18.816 ug/l
RT: 15.440 min Scan# 2
Delta R.T. 0.018 min
Lab File: VY011008.D
Acq: 19 Oct 2022 12:48

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VIBLK

Tgt Ion:180 Resp: 675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 71.1 | 47.3 | 141.9 |
| 145 | 213.2 | 15.3 | 45.9# |