Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100925\
Data File : VY023411.D
Acq On : 09 Oct 2025 10:36
Operator : SY/MD
Sample : Q3315-01
Misc : 4.69g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Quant Time: Oct 10 04:22:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.713 | 168 | 673607 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.622 | 114 | 977075 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.420 | 117 | 413879 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152 | 53513 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.067 | 65 | 274622 | 48.754 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 97.500% | | | |
| 35) Dibromofluoromethane | 7.640 | 113 | 335661 | 55.909 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 111.820% | | | |
| 50) Toluene-d8 | 10.109 | 98 | 1152571 | 51.550 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = 103.100% | | | |
| 62) 4-Bromofluorobenzene | 12.407 | 95 | 99538 | 13.485 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = 26.960%# | | | |
| Target Compounds | | | | | | Qvalue |
| 11) Tert butyl alcohol | 4.860 | 59 | 33631 | 80.256 | ug/l # | 72 |
| 13) Acrolein | 3.616 | 56 | 4961 | 8.378 | ug/l # | 1 |
| 17) Carbon Disulfide | 4.110 | 76 | 140392 | 8.163 | ug/l | 100 |
| 18) Methyl Acetate | 4.385 | 43 | 162175 | 46.103 | ug/l | 96 |
| 20) Methylene Chloride | 4.616 | 84 | 20503 | 2.827 | ug/l # | 89 |
| 25) 2-Butanone | 6.896 | 43 | 416161 | 254.200 | ug/l | 95 |
| 29) Tetrahydrofuran | 7.445 | 42 | 79870 | 86.032 | ug/l # | 1 |
| 30) Chloroform | 7.433 | 83 | 11874 | 1.007 | ug/l # | 1 |
| 31) Cyclohexane | 7.689 | 56 | 8593244 | 917.075 | ug/l # | 42 |
| 37) Ethyl Acetate | 6.896 | 43 | 416161 | 132.162 | ug/l # | 67 |
| 38) Carbon Tetrachloride | 7.707 | 117 | 60580 | 6.286 | ug/l # | 15 |
| 39) Methylcyclohexane | 9.109 | 83 | 2078918 | 200.886 | ug/l | 97 |
| 40) Benzene | 8.085 | 78 | 321047 | 12.754 | ug/l | 96 |
| 41) Methacrylonitrile | 7.445 | 41 | 499436 | 293.262 | ug/l # | 48 |
| 42) 1,2-Dichloroethane | 8.201 | 62 | 11588 | 1.785 | ug/l # | 1 |
| 43) Isopropyl Acetate | 8.195 | 43 | 2903723 | 462.458 | ug/l # | 57 |
| 47) Bromodichloromethane | 9.298 | 83 | 15394 | 1.739 | ug/l # | 26 |
| 48) Methyl methacrylate | 9.225 | 41 | 39363 | 13.344 | ug/l # | 69 |
| 49) 1,4-Dioxane | 9.231 | 88 | 732 | 17.958 | ug/l # | 1 |
| 51) 4-Methyl-2-Pentanone | 10.005 | 43 | 107532 | 33.147 | ug/l | 96 |
| 53) t-1,3-Dichloropropene | 10.194 | 75 | 1049695 | 136.345 | ug/l # | 1 |
| 55) 1,1,2-Trichloroethane | 10.548 | 97 | 1120762 | 237.069 | ug/l # | 22 |
| 56) Ethyl methacrylate | 10.451 | 69 | 213384 | 39.129 | ug/l # | 25 |
| 59) 2-Hexanone | 10.731 | 43 | 549755 | 237.130 | ug/l # | 26 |
| 64) Tetrachloroethene | 10.646 | 164 | 17544 | 4.105 | ug/l | 95 |
| 65) Chlorobenzene | 11.554 | 112 | 13777 | 1.530 | ug/l # | 44 |
| 67) Ethyl Benzene | 11.511 | 91 | 19191911 | 1317.133 | ug/l # | 61 |
| 68) m/p-Xylenes | 11.523 | 106 | 11641865 | 1991.982 | ug/l | 82 |
| 69) o-Xylene | 11.956 | 106 | 13578372 | 2476.970 | ug/l | 56 |
| 70) Styrene | 11.956 | 104 | 770017 | 85.418 | ug/l # | 1 |
| 73) Isopropylbenzene | 12.255 | 105 | 368193 | 104.405 | ug/l | 97 |
| 74) N-amyl acetate | 12.048 | 43 | 71184 | 112.379 | ug/l # | 57 |
| 75) 1,1,2,2-Tetrachloroethane | 12.456 | 83 | 6453 | 11.188 | ug/l # | 92 |
| 76) 1,2,3-Trichloropropane | 12.657 | 75 | 3726 | 7.892 | ug/l # | 100 |
| 77) Bromobenzene | 12.535 | 156 | 1715 | 1.829 | ug/l # | 24 |
| 78) n-propylbenzene | 12.596 | 91 | 284493 | 69.712 | ug/l | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100925\
Data File : VY023411.D
Acq On : 09 Oct 2025 10:36
Operator : SY/MD
Sample : Q3315-01
Misc : 4.69g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Quant Time: Oct 10 04:22:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 79) | 2-Chlorotoluene | 12.657 | 91 | 57846 | 24.205 | ug/l | # | 38 |
| 80) | 1,3,5-Trimethylbenzene | 12.737 | 105 | 112269 | 39.396 | ug/l | | 99 |
| 81) | trans-1,4-Dichloro-2-b... | 12.249 | 75 | 4659 | 24.198 | ug/l | # | 1 |
| 82) | 4-Chlorotoluene | 12.737 | 91 | 24808 | 10.080 | ug/l | # | 42 |
| 83) | tert-Butylbenzene | 13.041 | 119 | 37110 | 14.104 | ug/l | # | 61 |
| 84) | 1,2,4-Trimethylbenzene | 13.041 | 105 | 278877 | 98.057 | ug/l | | 98 |
| 85) | sec-Butylbenzene | 13.176 | 105 | 31655 | 8.387 | ug/l | | 84 |
| 86) | p-Isopropyltoluene | 13.291 | 119 | 343030 | 106.743 | ug/l | # | 79 |
| 87) | 1,3-Dichlorobenzene | 13.285 | 146 | 4638 | 2.540 | ug/l | # | 40 |
| 88) | 1,4-Dichlorobenzene | 13.371 | 146 | 5433 | 3.013 | ug/l | # | 39 |
| 89) | n-Butylbenzene | 13.615 | 91 | 37819 | 13.506 | ug/l | # | 69 |
| 90) | Hexachloroethane | 13.889 | 117 | 6100 | 8.825 | ug/l | # | 10 |
| 91) | 1,2-Dichlorobenzene | 13.657 | 146 | 4093 | 2.557 | ug/l | # | 1 |
| 92) | 1,2-Dibromo-3-Chloropr... | 14.261 | 75 | 438 | 4.628 | ug/l | # | 28 |
| 93) | 1,2,4-Trichlorobenzene | 14.919 | 180 | 5465 | 5.477 | ug/l | # | 56 |
| 94) | Hexachlorobutadiene | 15.017 | 225 | 1506 | 2.421 | ug/l | | 89 |
| 95) | Naphthalene | 15.145 | 128 | 42563 | 26.786 | ug/l | | 95 |
| 96) | 1,2,3-Trichlorobenzene | 15.328 | 180 | 6963 | 8.056 | ug/l | # | 77 |

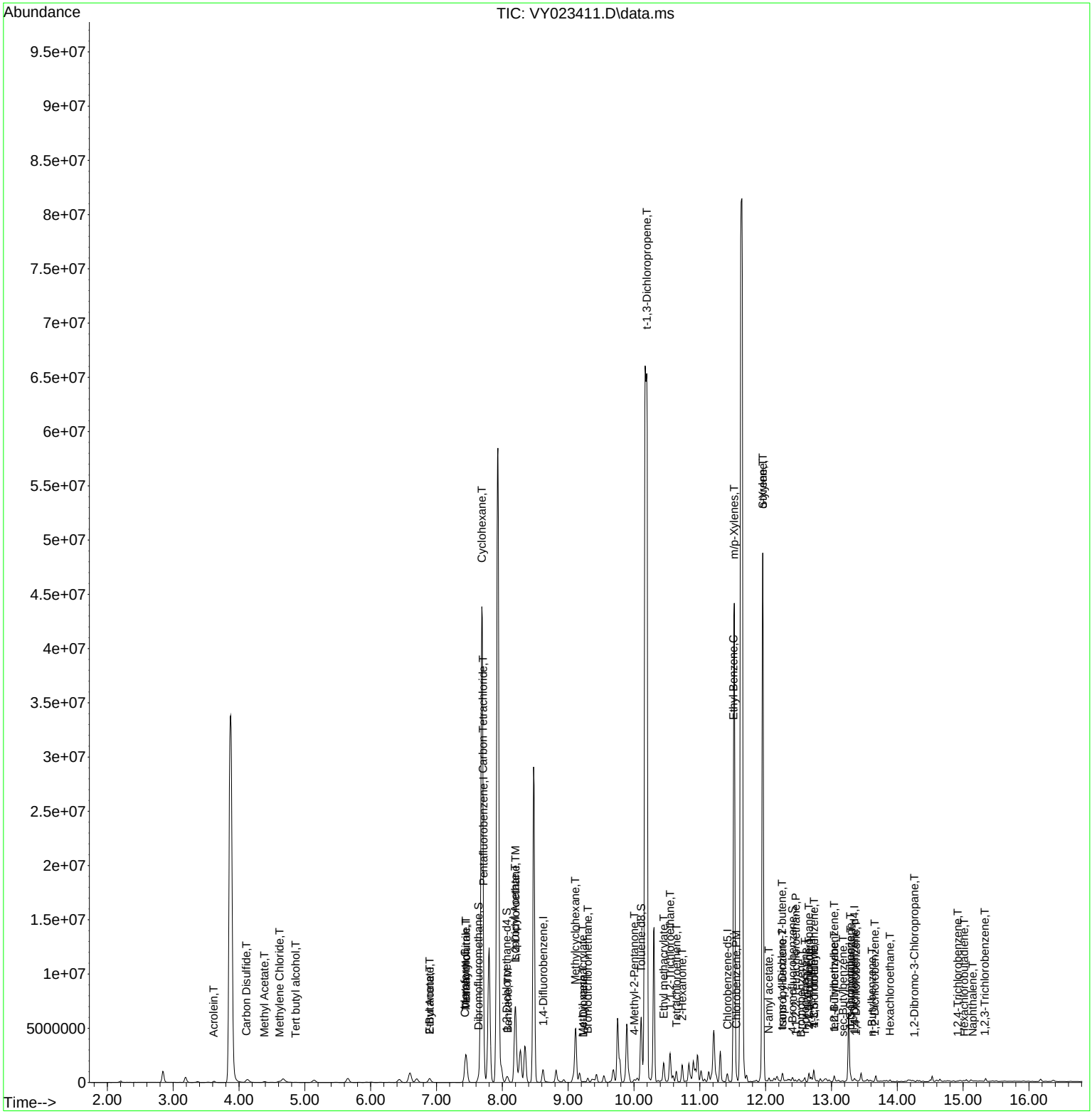
(#) = qualifier out of range (m) = manual integration (+) = signals summed

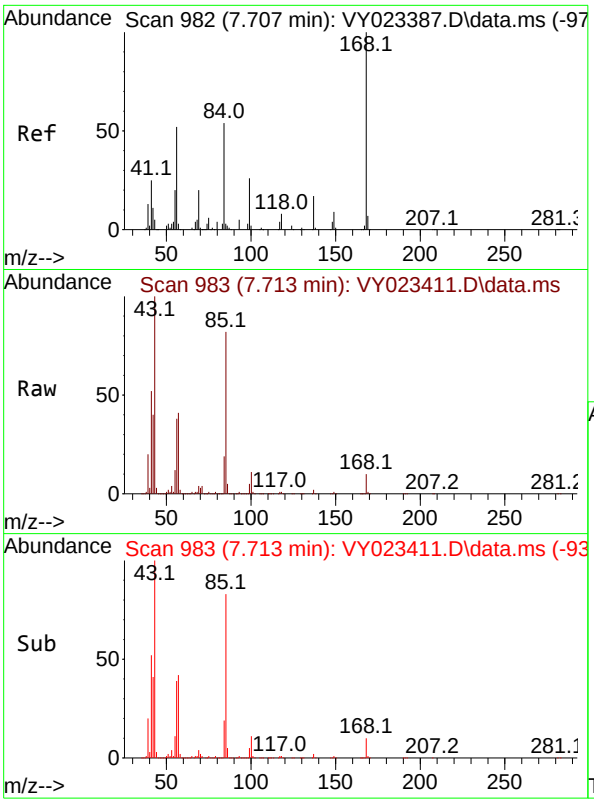
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100925\
Data File : VY023411.D
Acq On : 09 Oct 2025 10:36
Operator : SY/MD
Sample : Q3315-01
Misc : 4.69g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Quant Time: Oct 10 04:22:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



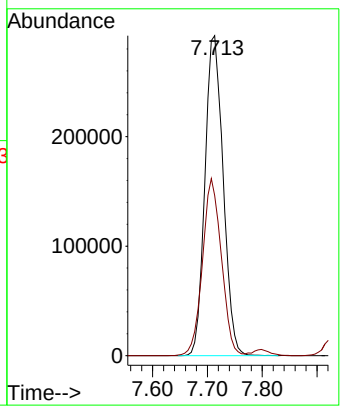


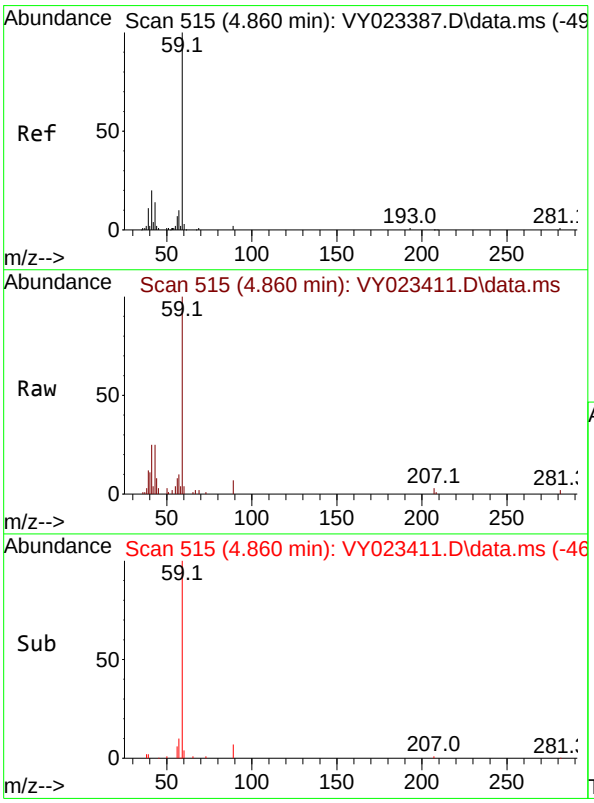

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion:168 Resp: 673607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 49.8 | 39.7 | 59.5 |

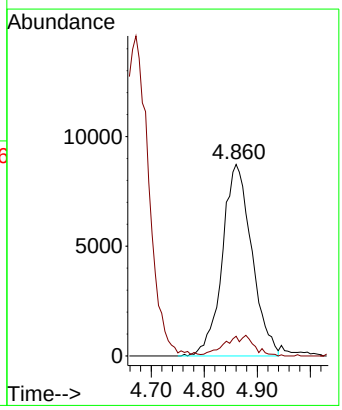


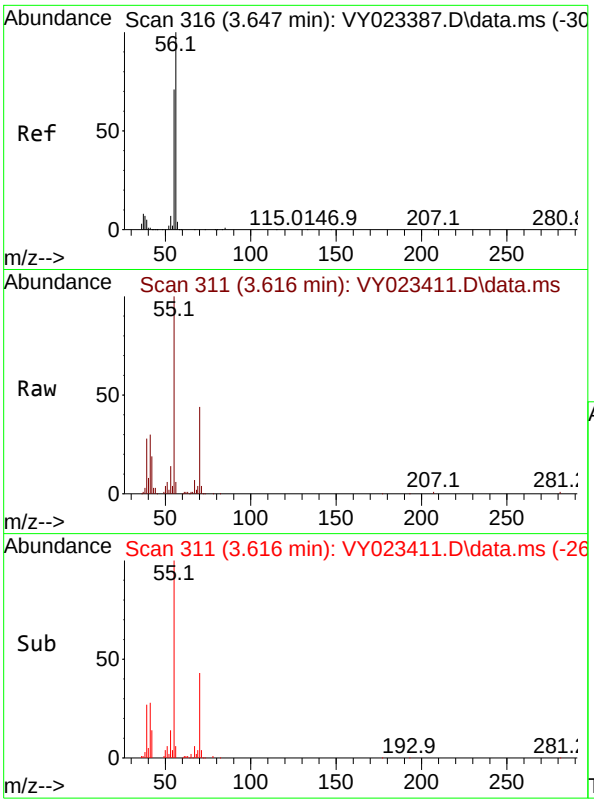




#11
Tert butyl alcohol
Concen: 80.256 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion: 59 Resp: 33631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.3 | 12.5# |



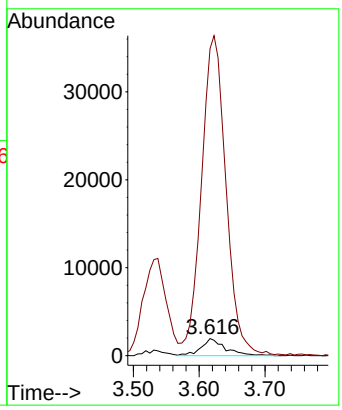


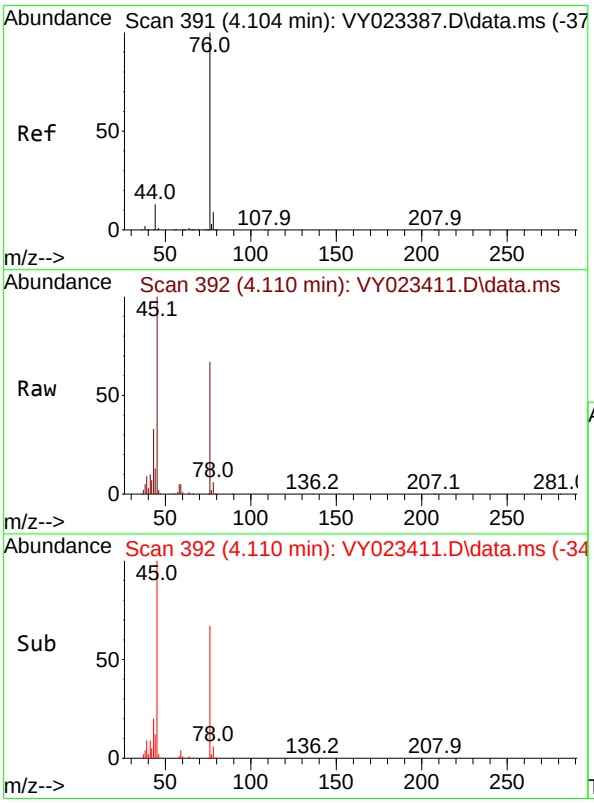

#13
Acrolein
Concen: 8.378 ug/l
RT: 3.616 min Scan# 3
Delta R.T. -0.031 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion: 56 Resp: 4961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 1896.0 | 56.1 | 84.1# |

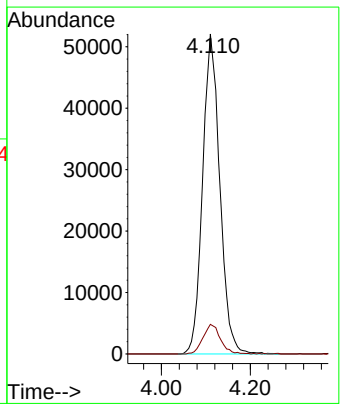


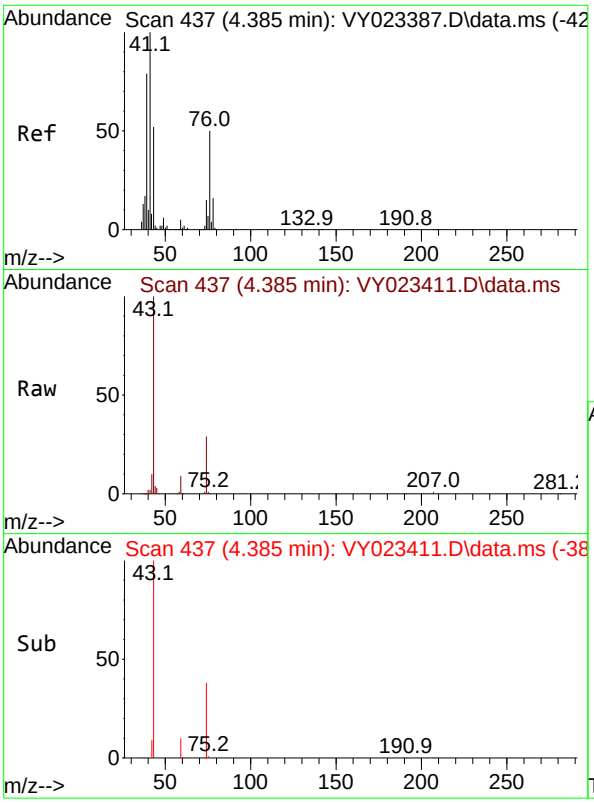




#17
Carbon Disulfide
Concen: 8.163 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion: 76 Resp: 140392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.3 | 7.3 | 10.9 |



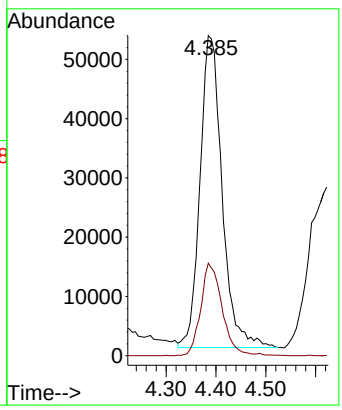


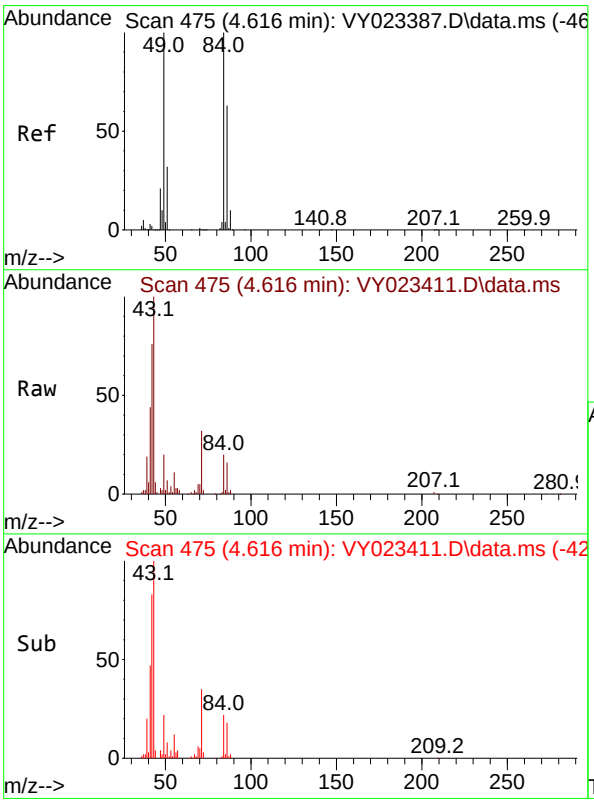

#18
Methyl Acetate
Concen: 46.103 ug/l
RT: 4.385 min Scan# 4
Delta R.T. -0.000 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion: 43 Resp: 162175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 28.4 | 24.2 | 36.4 |

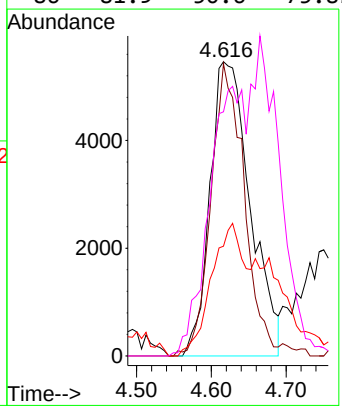


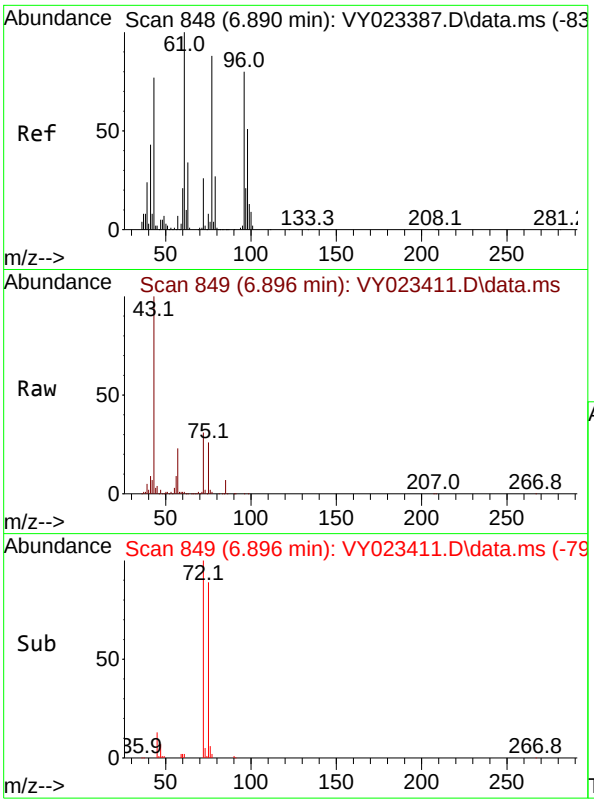




#20
Methylene Chloride
Concen: 2.827 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion: 84 Resp: 20503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 97.5 | 80.2 | 120.4 |
| 51 | 37.3 | 25.9 | 38.9 |
| 86 | 81.9 | 50.6 | 75.8# |



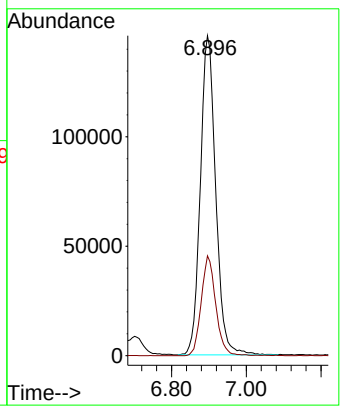


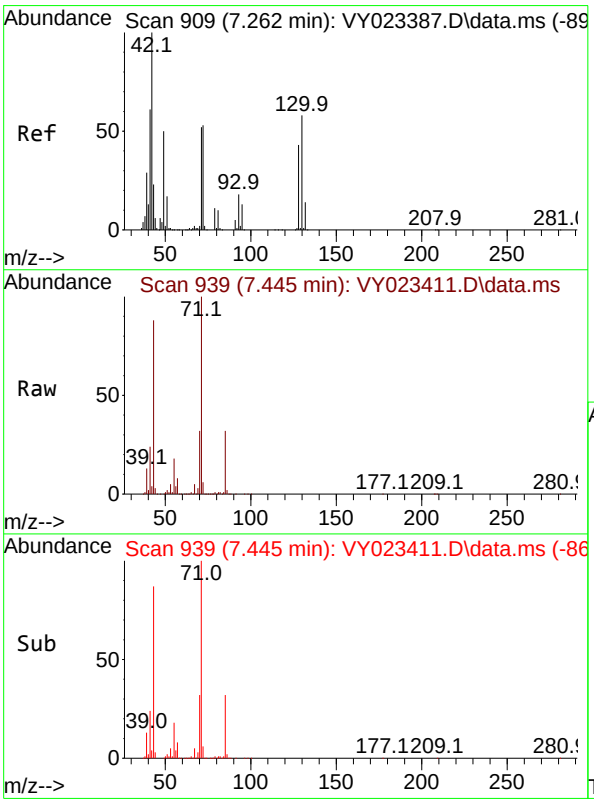

#25
2-Butanone
Concen: 254.200 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion: 43 Resp: 416161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 31.3 | 27.4 | 41.2 |

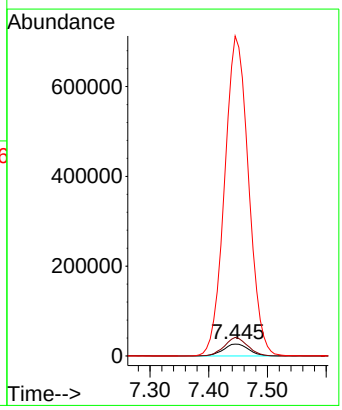


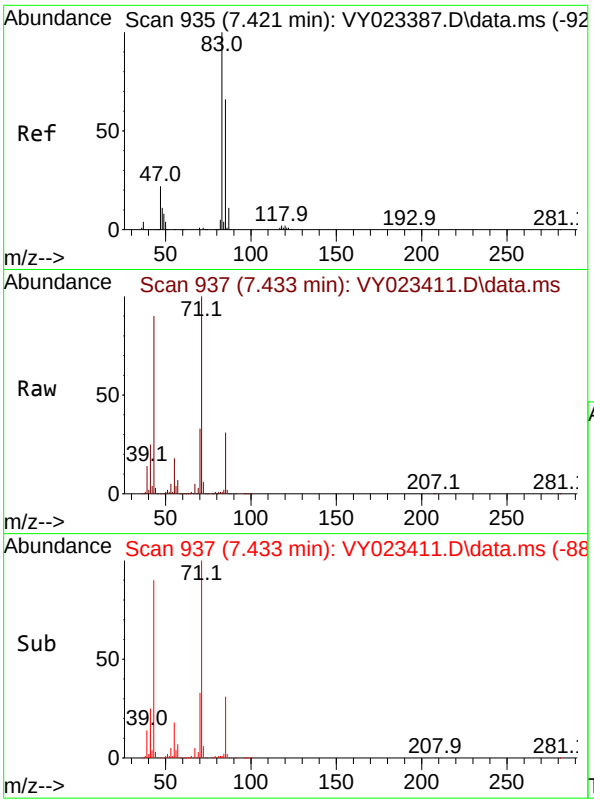




#29
Tetrahydrofuran
Concen: 86.032 ug/l
RT: 7.445 min Scan# 939
Delta R.T. 0.183 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion: 42 Resp: 79870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 143.5 | 43.0 | 64.6# |
| 71 | 2531.3 | 40.1 | 60.1# |



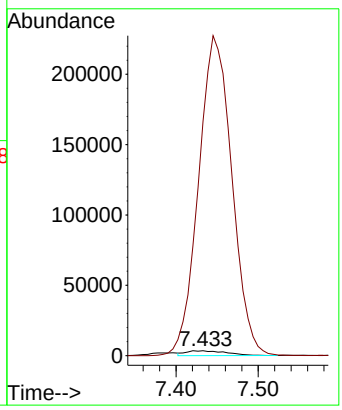


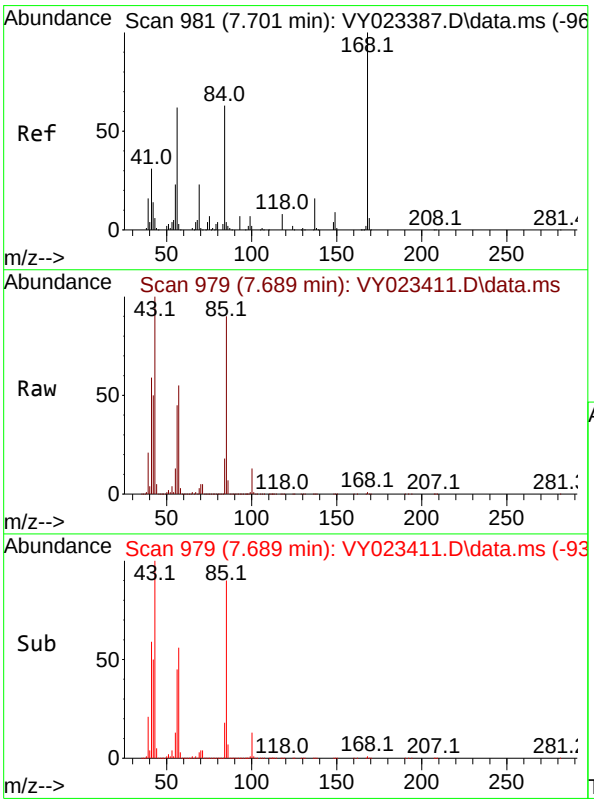

#30
Chloroform
Concen: 1.007 ug/l
RT: 7.433 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion: 83 Resp: 11874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 4731.3 | 52.5 | 78.7# |

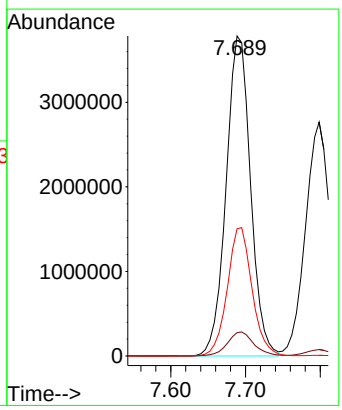


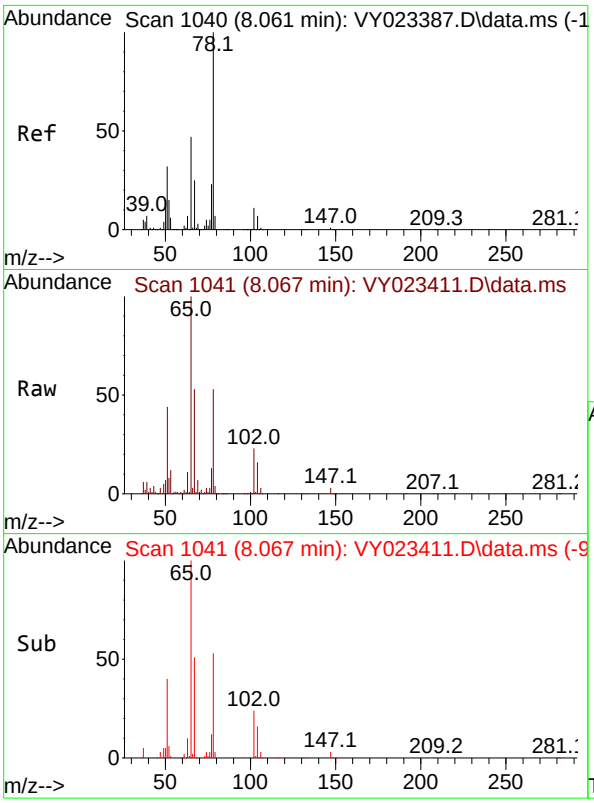




#31
Cyclohexane
Concen: 917.075 ug/l
RT: 7.689 min Scan# 979
Delta R.T. -0.012 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion: 56 Resp: 8593244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 7.3 | 30.0 | 45.0# |
| 84 | 39.7 | 81.2 | 121.8# |



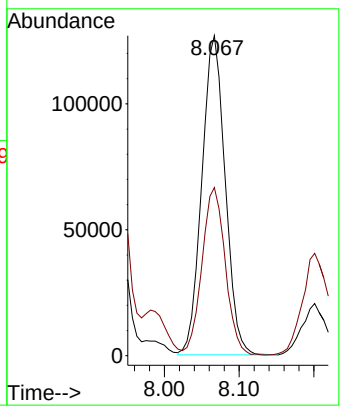


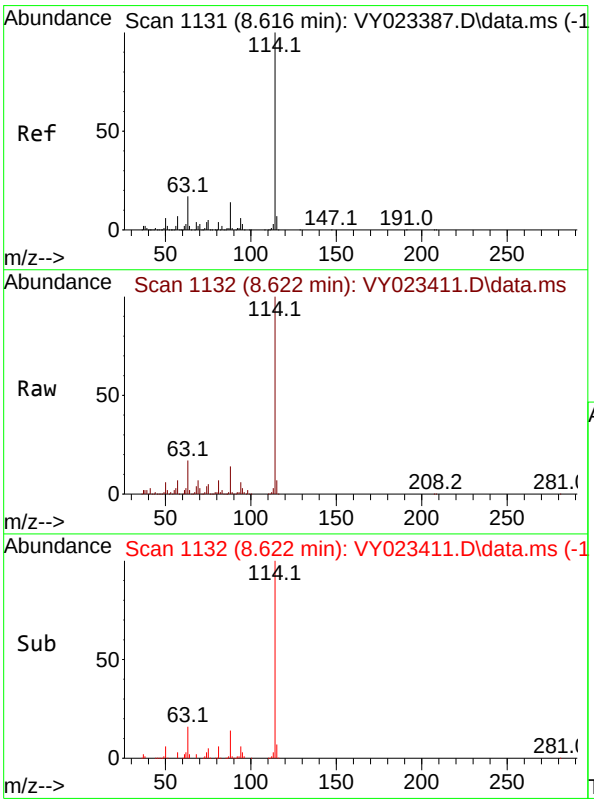

#33
1,2-Dichloroethane-d4
Concen: 48.754 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion: 65 Resp: 274622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.3 | 0.0 | 105.8 |

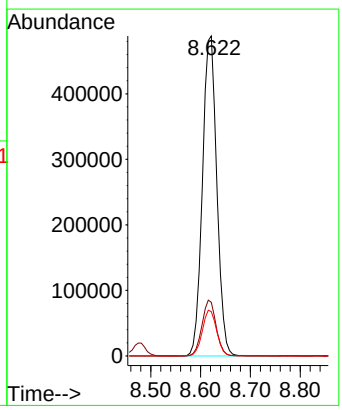


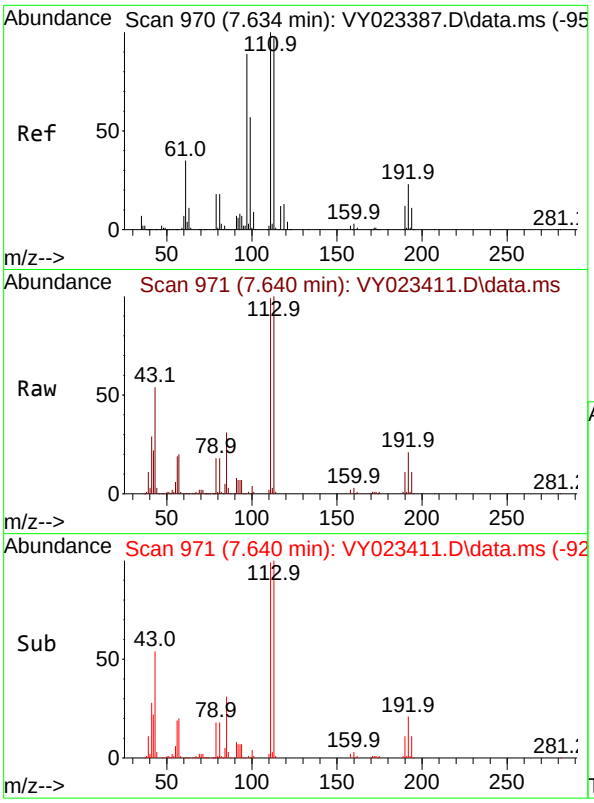




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion:114 Resp: 977075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 16.7 | 0.0 | 34.2 |
| 88 | 13.8 | 0.0 | 28.4 |



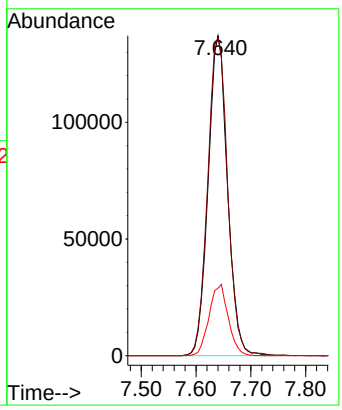


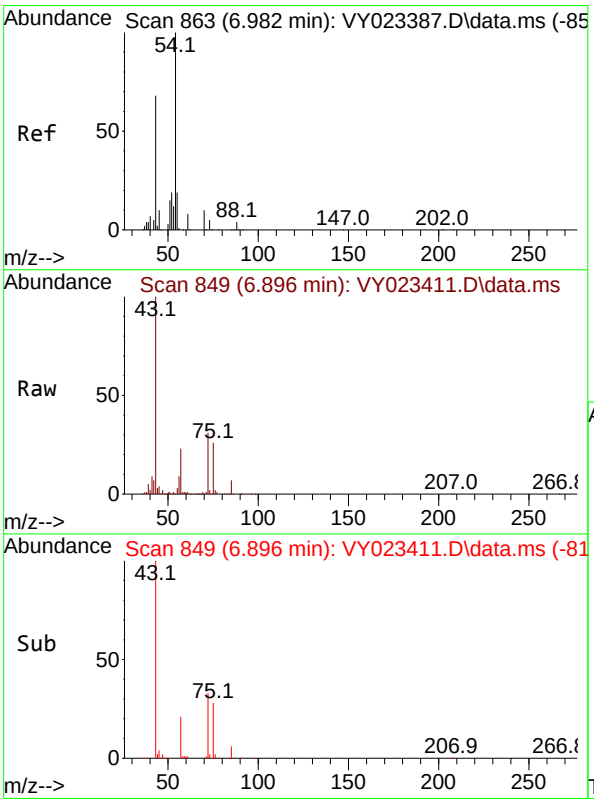

#35
Dibromofluoromethane
Concen: 55.909 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion:113 Resp: 335661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.8 | 81.8 | 122.6 |
| 192 | 22.1 | 18.0 | 27.0 |

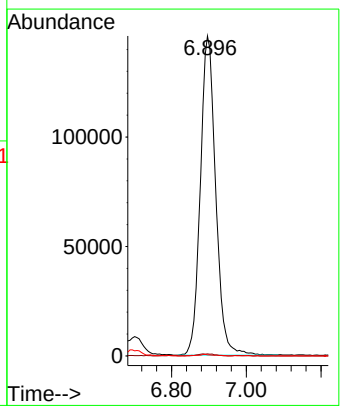


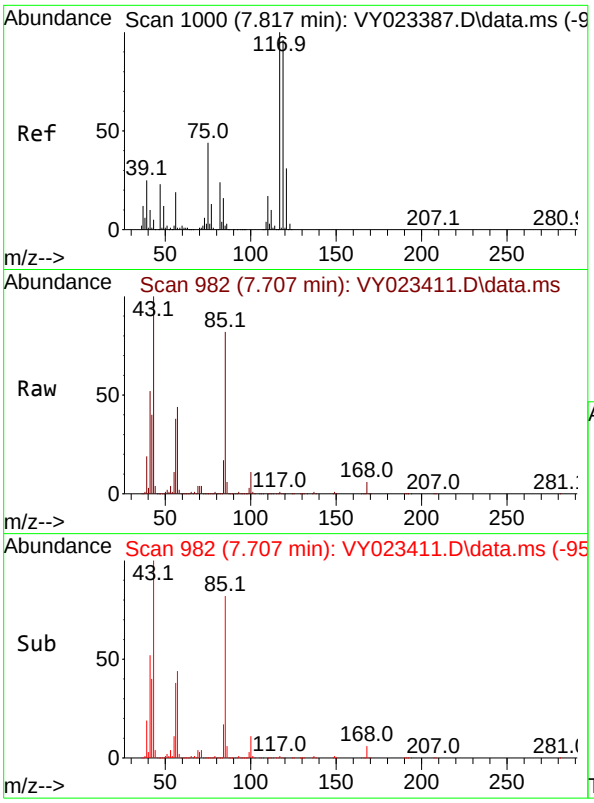




#37
Ethyl Acetate
Concen: 132.162 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.086 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion: 43 Resp: 416161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.8 | 11.8 | 17.8# |
| 70 | 0.4 | 10.5 | 15.7# |



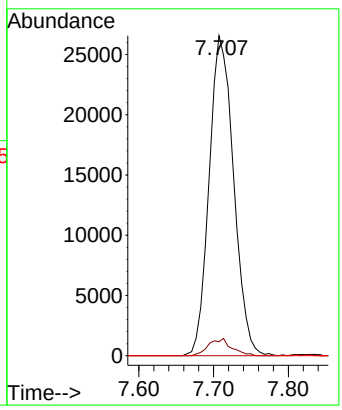


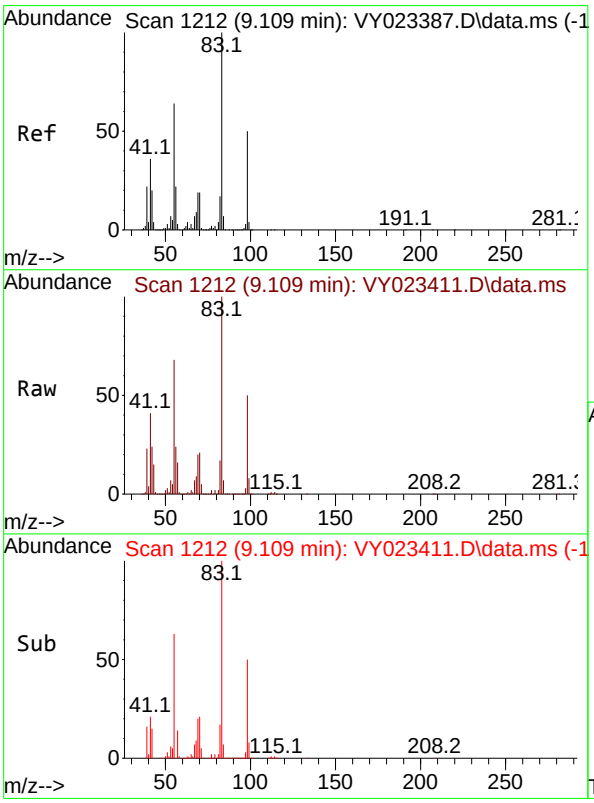

#38
Carbon Tetrachloride
Concen: 6.286 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.110 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion:117 Resp: 60580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.4 | 76.8 | 115.2# |
| 121 | 0.0 | 24.5 | 36.7# |

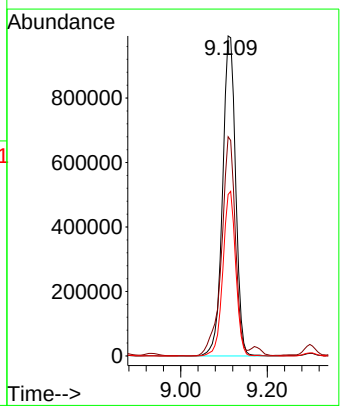


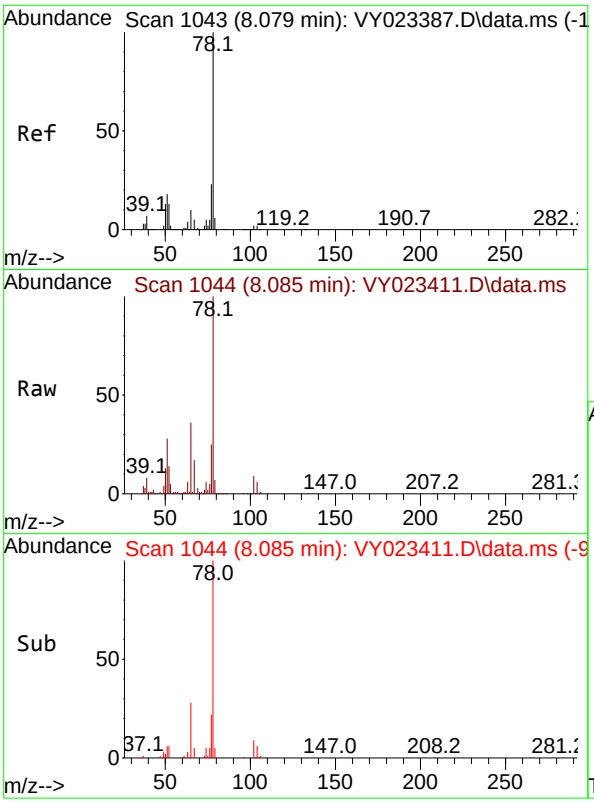




#39
Methylcyclohexane
Concen: 200.886 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion: 83 Resp: 2078918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 68.4 | 51.4 | 77.2 |
| 98 | 50.5 | 40.4 | 60.6 |



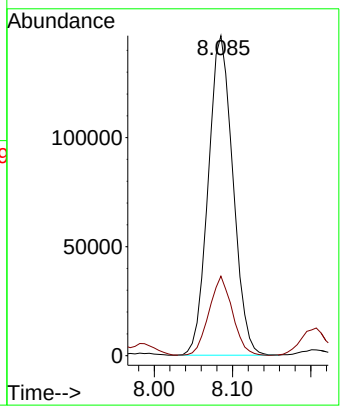


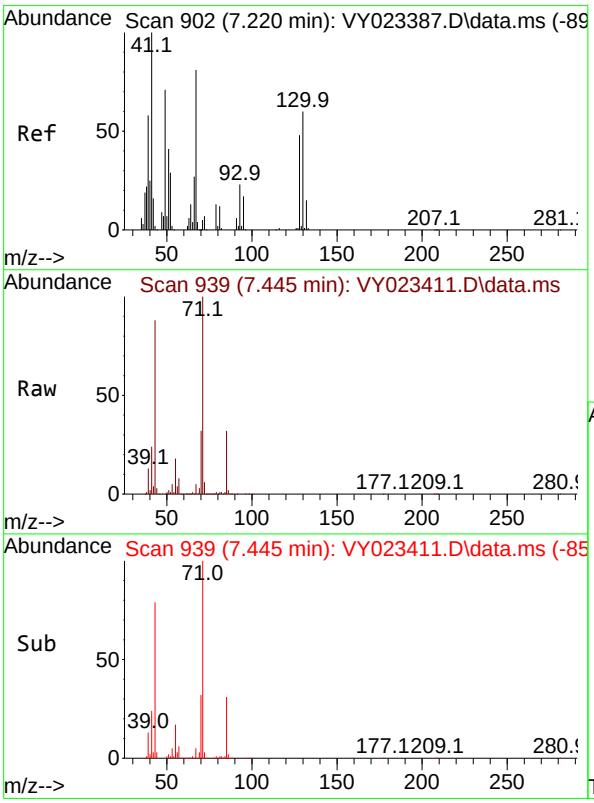

#40
Benzene
Concen: 12.754 ug/l
RT: 8.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion: 78 Resp: 321047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.7 | 18.3 | 27.5 |

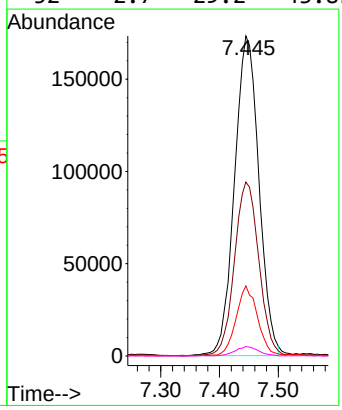


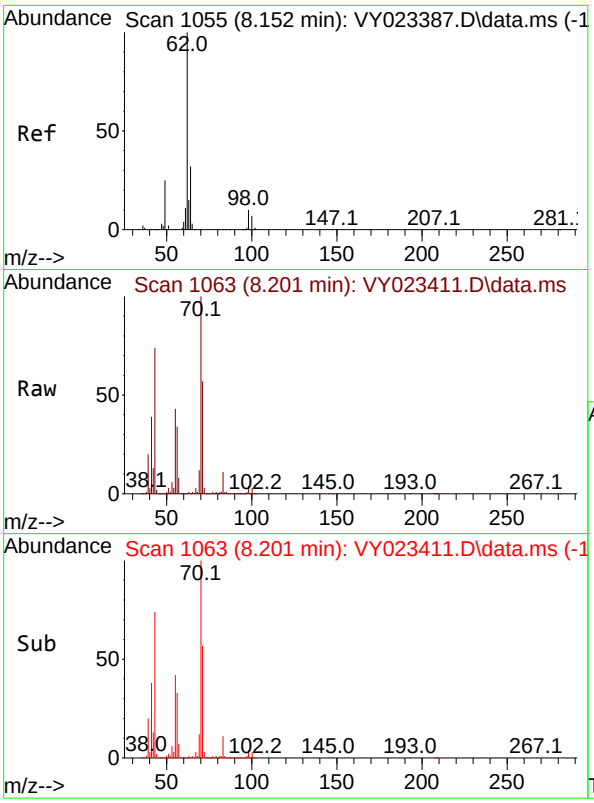




#41
Methacrylonitrile
Concen: 293.262 ug/l
RT: 7.445 min Scan# 939
Delta R.T. 0.225 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion: 41 Resp: 499436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 54.2 | 52.2 | 78.4 |
| 67 | 19.4 | 74.9 | 112.3# |
| 52 | 2.7 | 29.2 | 43.8# |



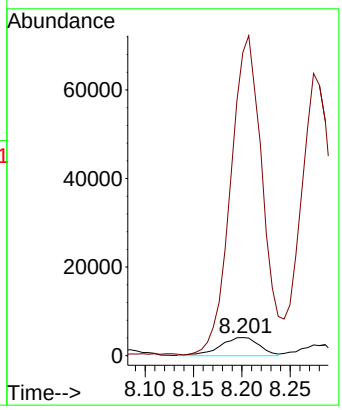


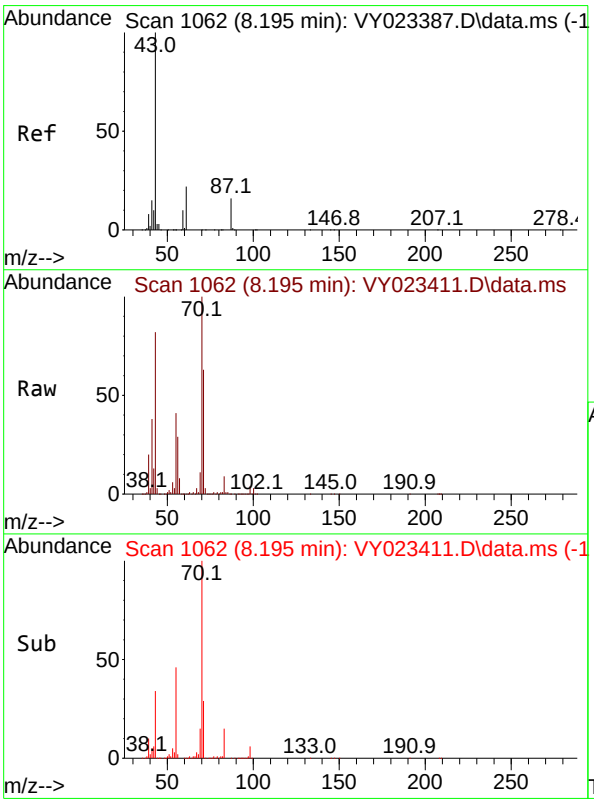

#42
1,2-Dichloroethane
Concen: 1.785 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.049 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion: 62 Resp: 11588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 1424.9 | 0.0 | 21.6# |

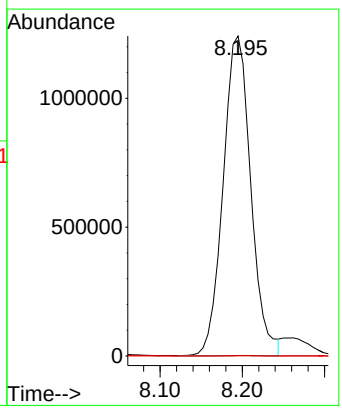


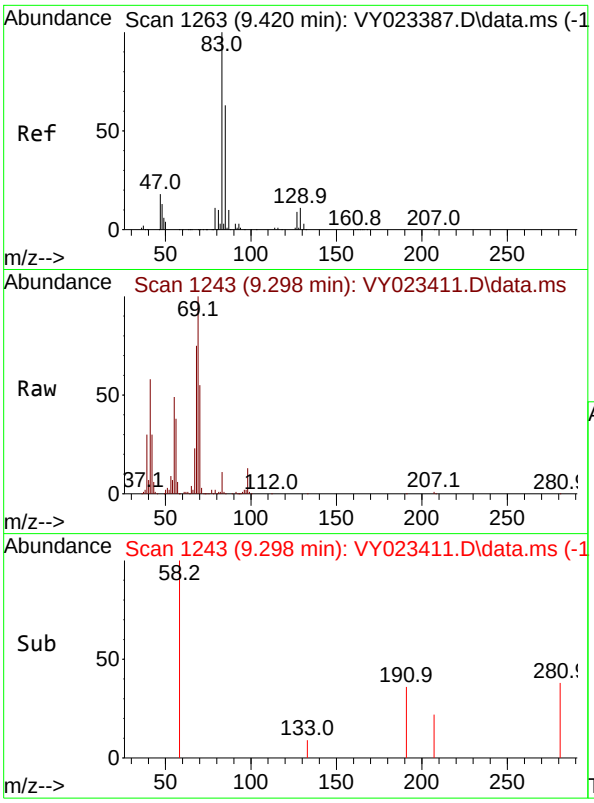




#43
Isopropyl Acetate
Concen: 462.458 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion: 43 Resp: 2903723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.2 | 18.1 | 27.1# |
| 87 | 0.0 | 13.5 | 20.3# |



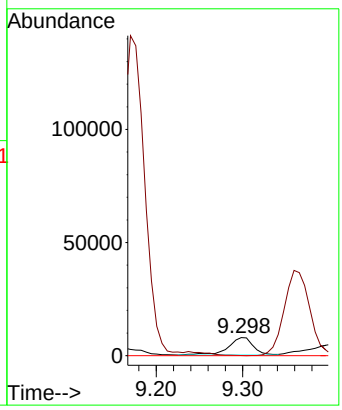


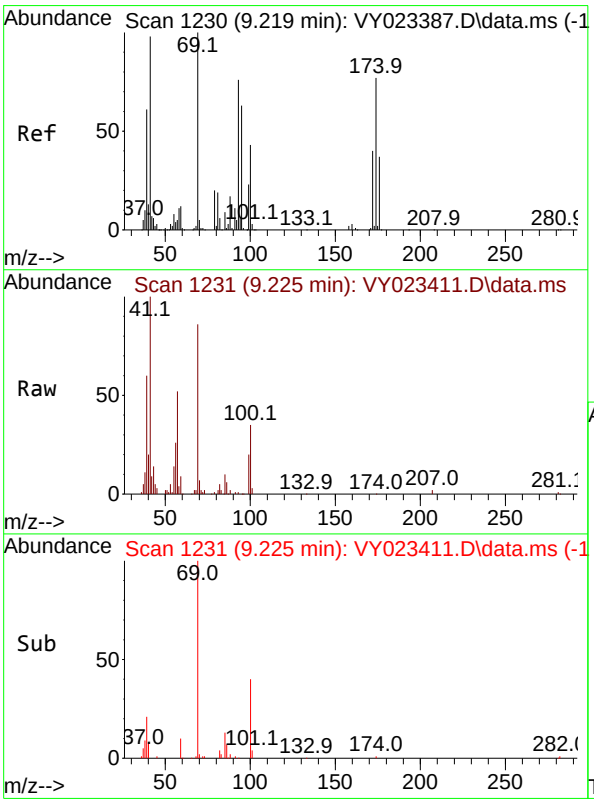

#47
Bromodichloromethane
Concen: 1.739 ug/l
RT: 9.298 min Scan# 1
Delta R.T. -0.122 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion: 83 Resp: 15394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 0.0 | 50.8 | 76.2# |
| 127 | 0.0 | 7.4 | 11.2# |

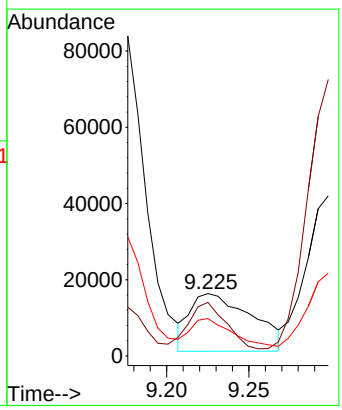


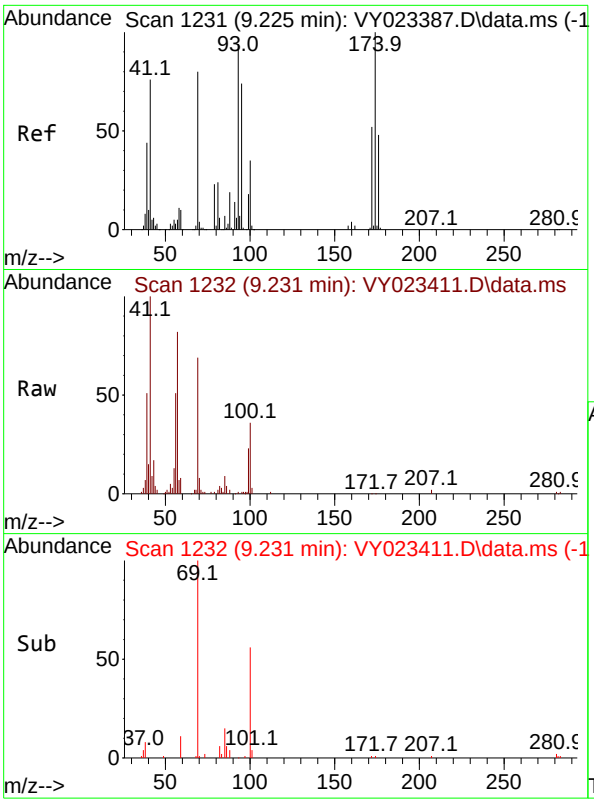




#48
Methyl methacrylate
Concen: 13.344 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion: 41 Resp: 39363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 62.2 | 81.0 | 121.4# |
| 39 | 46.2 | 48.2 | 72.4# |



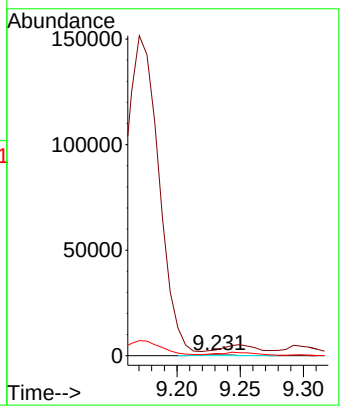


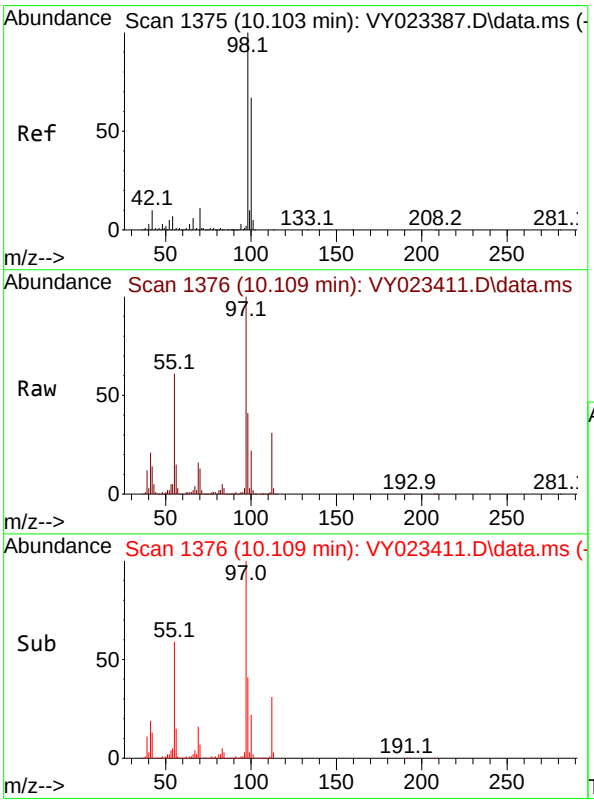

#49
1,4-Dioxane
Concen: 17.958 ug/l
RT: 9.231 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion: 88 Resp: 732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 0.0 | 21.8 | 32.8# |
| 58 | 485.2 | 46.8 | 70.2# |

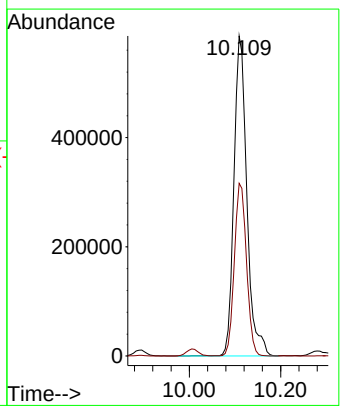


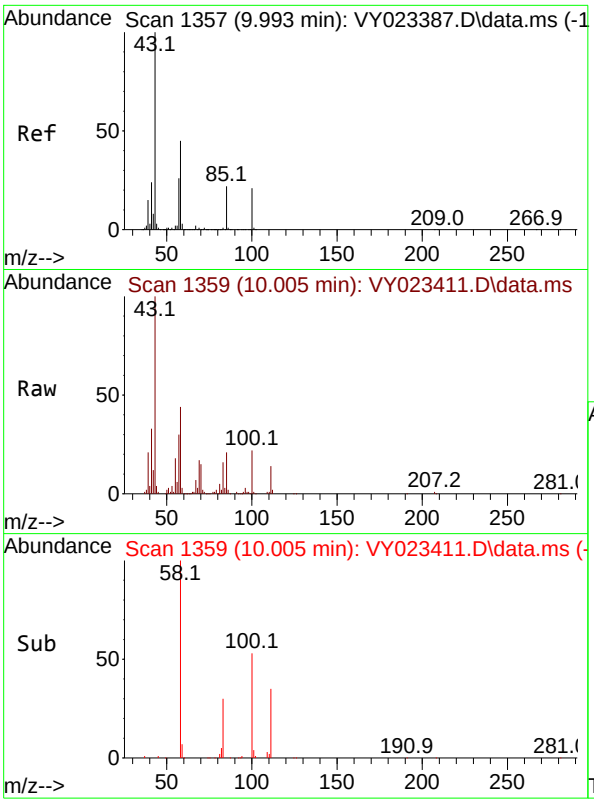




#50
Toluene-d8
Concen: 51.550 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion: 98 Resp: 1152571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 50.7 | 53.0 | 79.4# |



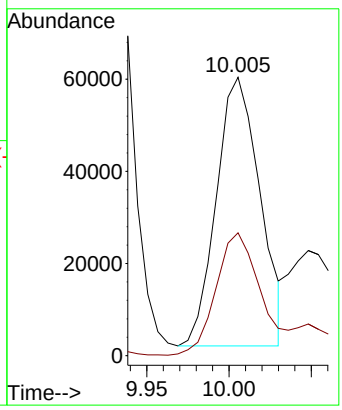


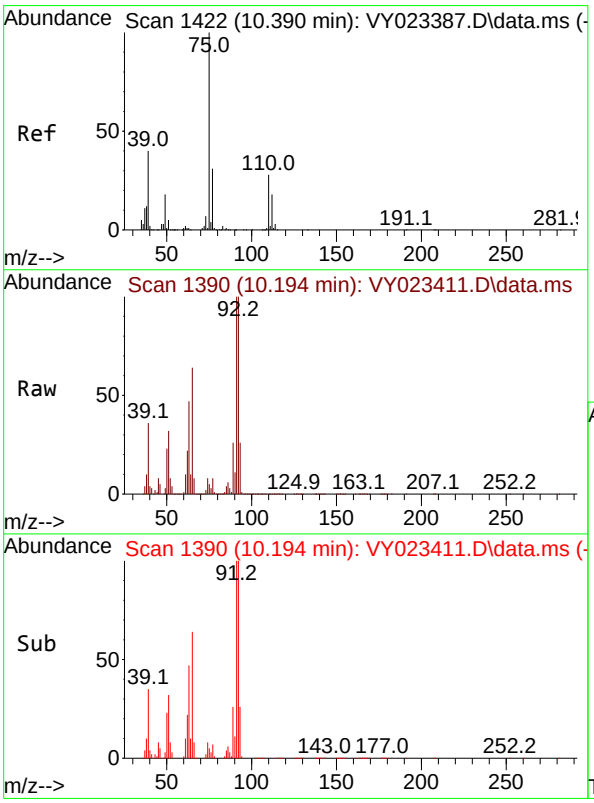

#51
4-Methyl-2-Pentanone
Concen: 33.147 ug/l
RT: 10.005 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion: 43 Resp: 107532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 46.7 | 35.3 | 52.9 |

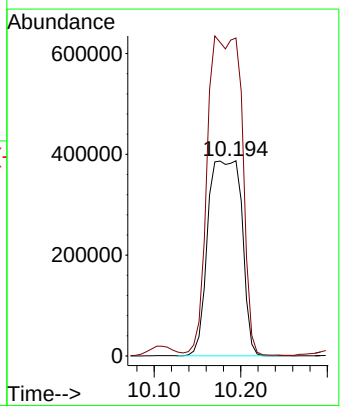


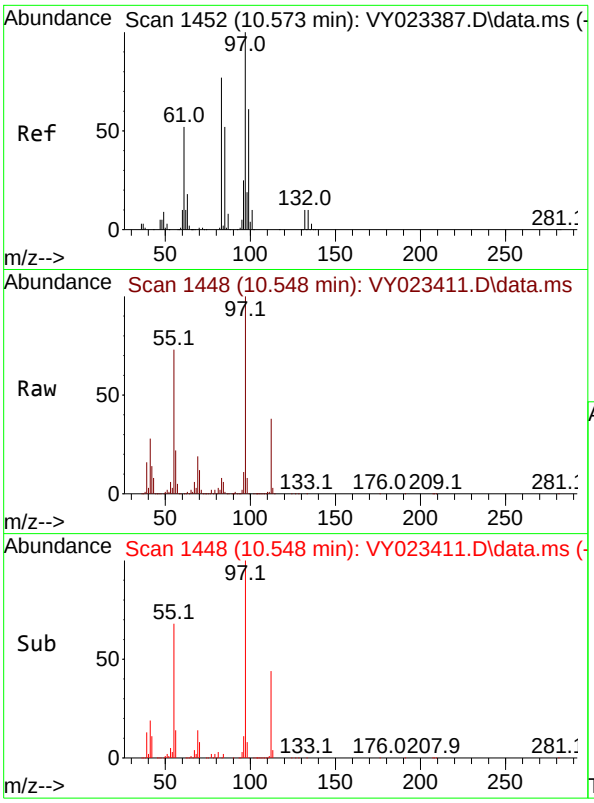




#53
t-1,3-Dichloropropene
Concen: 136.345 ug/l
RT: 10.194 min Scan# 1390
Delta R.T. -0.195 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion: 75 Resp: 1049695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 162.4 | 25.1 | 37.7# |



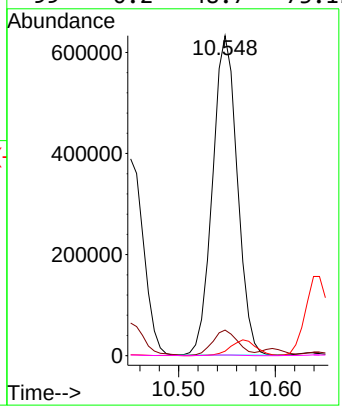


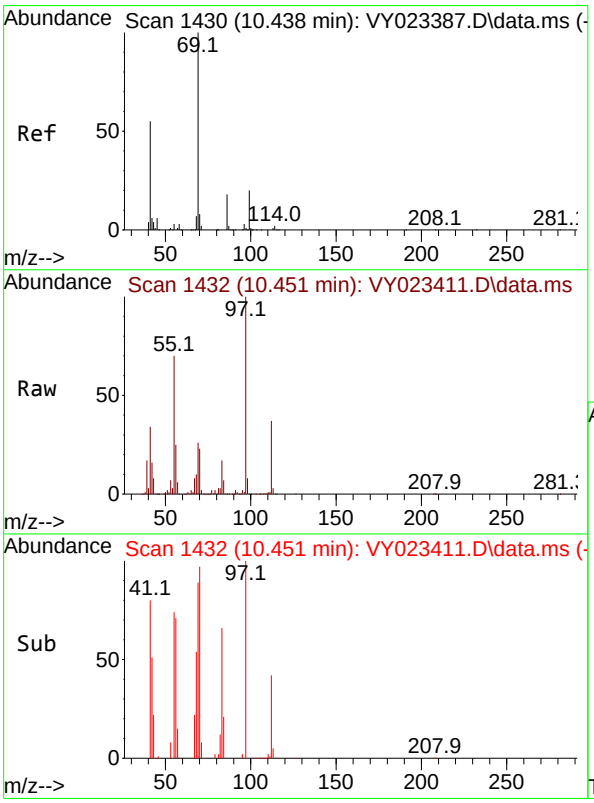

#55
1,1,2-Trichloroethane
Concen: 237.069 ug/l
RT: 10.548 min Scan# 14
Delta R.T. -0.025 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion: 97 Resp: 1120762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 7.8 | 61.8 | 92.6# |
| 85 | 1.3 | 41.3 | 61.9# |
| 99 | 0.2 | 48.7 | 73.1# |

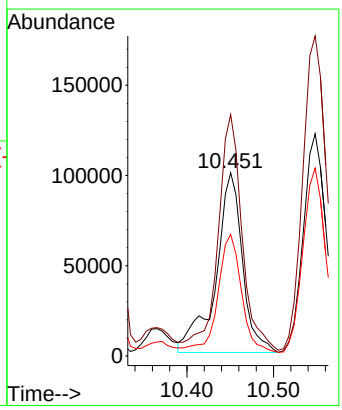


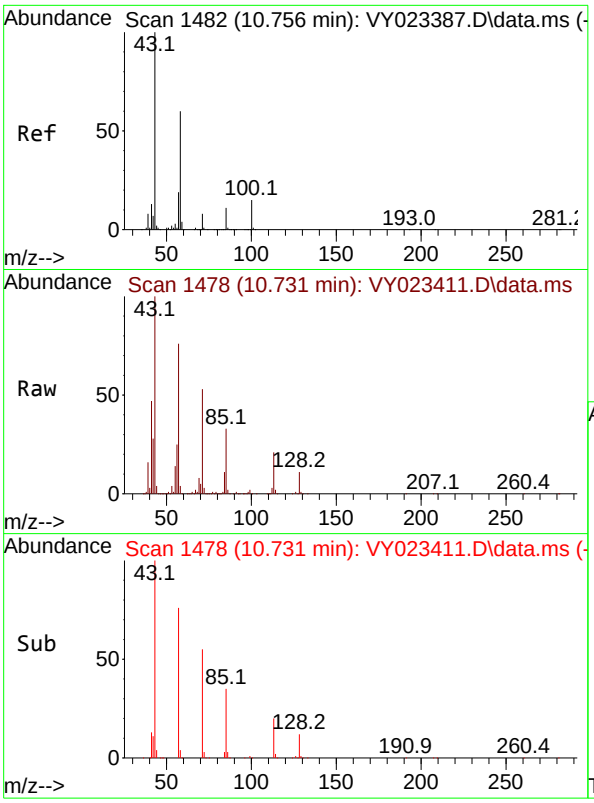




#56
Ethyl methacrylate
Concen: 39.129 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.012 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion: 69 Resp: 213384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 117.7 | 44.6 | 67.0# |
| 39 | 0.0 | 27.0 | 40.4# |



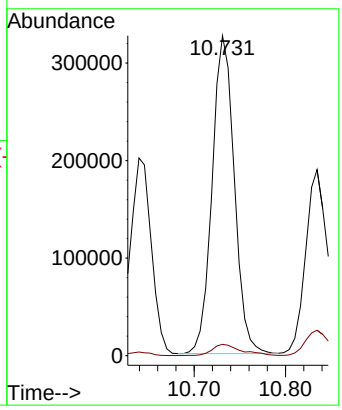


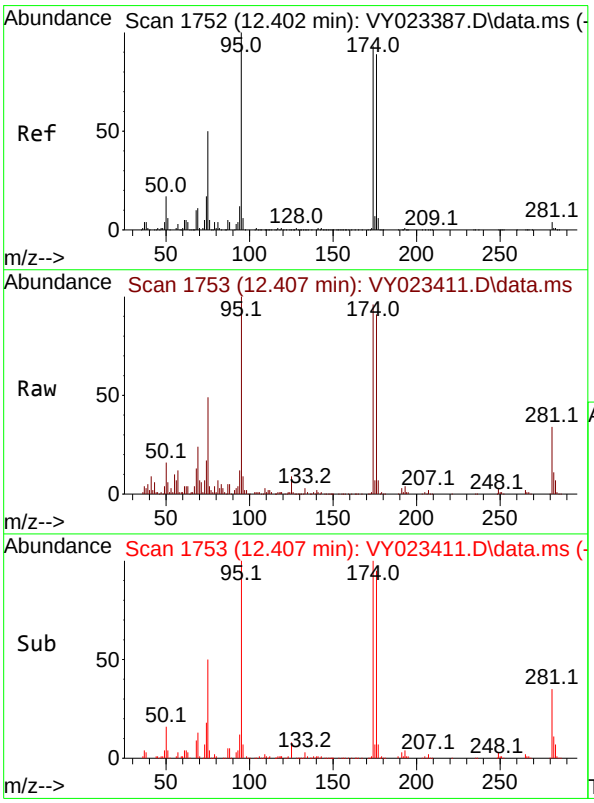

#59
2-Hexanone
Concen: 237.130 ug/l
RT: 10.731 min Scan# 14
Delta R.T. -0.025 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion: 43 Resp: 549755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 4.6 | 30.5 | 91.5# |

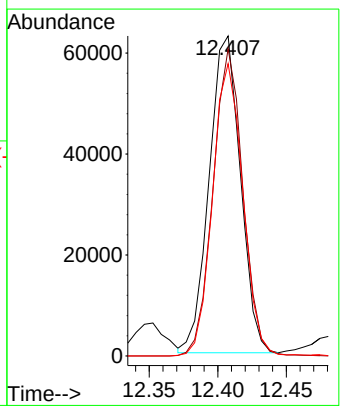


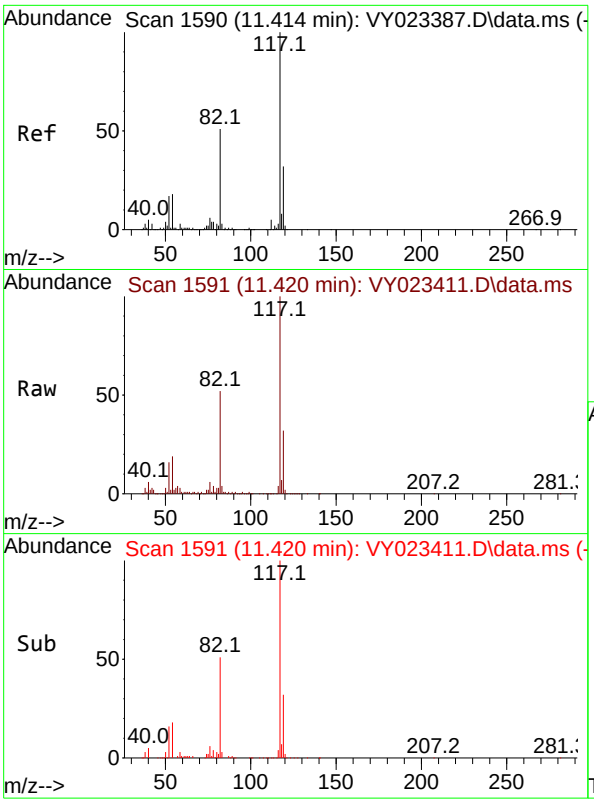




#62
4-Bromofluorobenzene
Concen: 13.485 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion: 95 Resp: 99538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 92.5 | 0.0 | 192.8 |
| 176 | 89.7 | 0.0 | 187.6 |



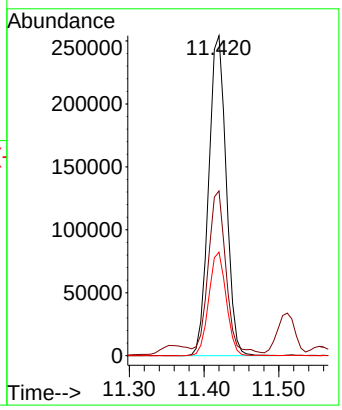


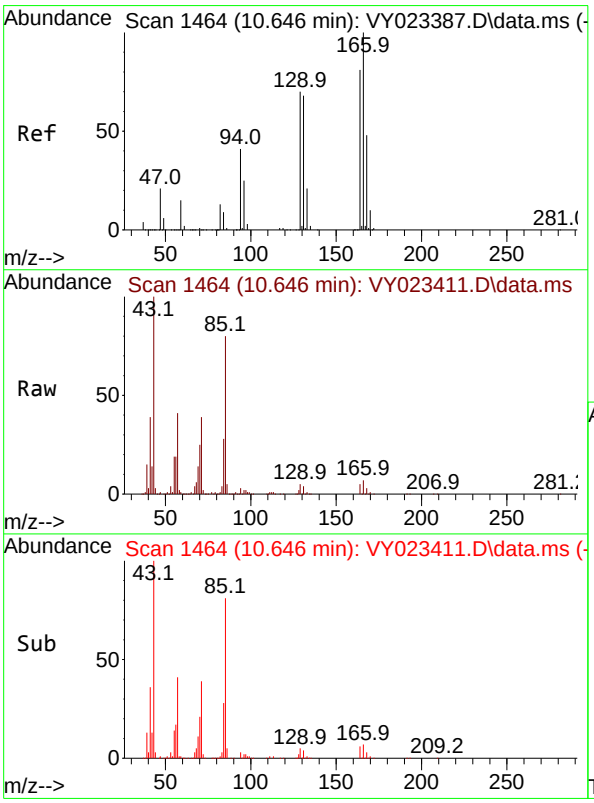

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion:117 Resp: 413879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 48.4 | 41.0 | 61.4 |
| 119 | 32.3 | 25.6 | 38.4 |

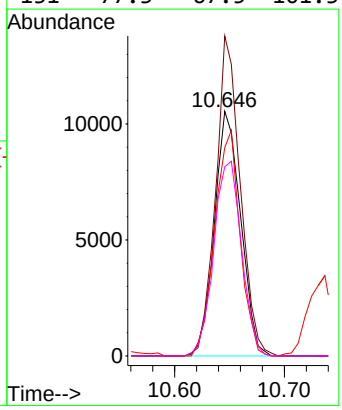


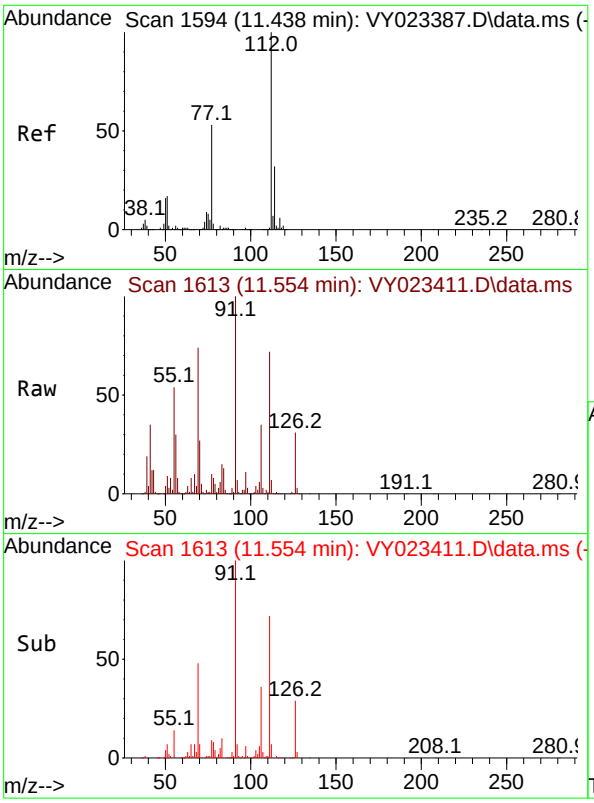




#64
Tetrachloroethene
Concen: 4.105 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion:164 Resp: 17544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 130.8 | 99.4 | 149.0 |
| 129 | 85.2 | 69.4 | 104.2 |
| 131 | 77.3 | 67.5 | 101.3 |



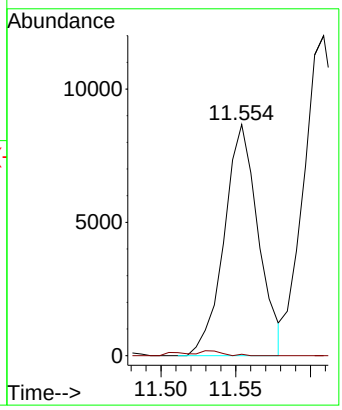


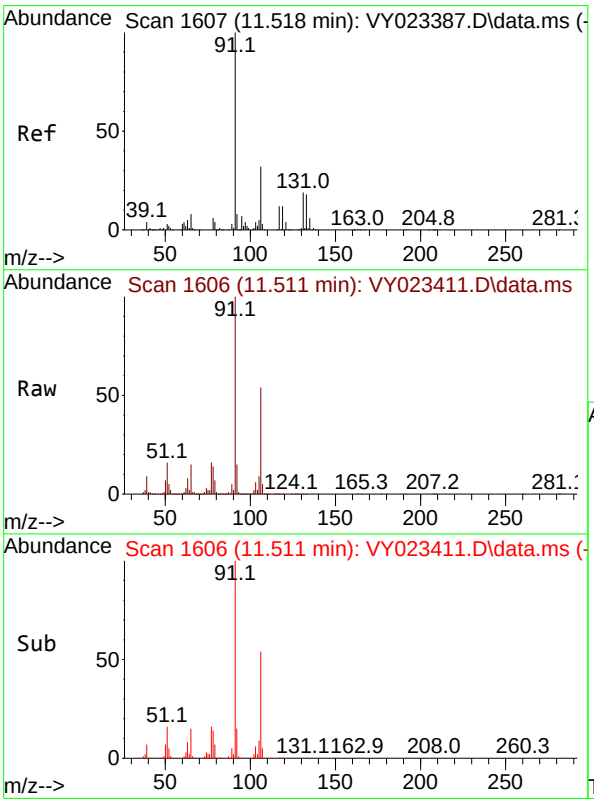

#65
Chlorobenzene
Concen: 1.530 ug/l
RT: 11.554 min Scan# 1
Delta R.T. 0.116 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion:112 Resp: 13777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 0.6 | 25.6 | 38.4# |

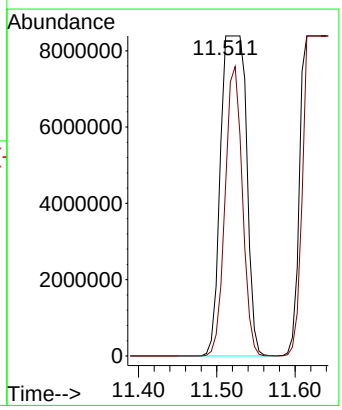


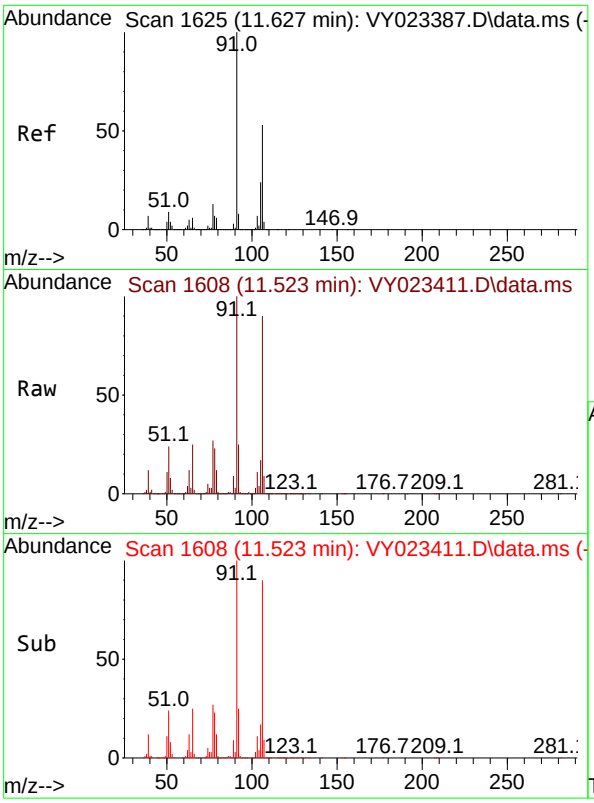




#67
Ethyl Benzene
Concen: 1317.133 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion: 91 Resp:19191911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 54.1 | 25.8 | 38.8# |



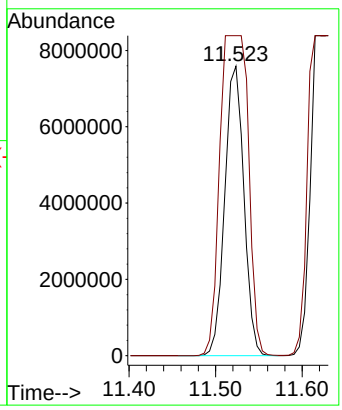


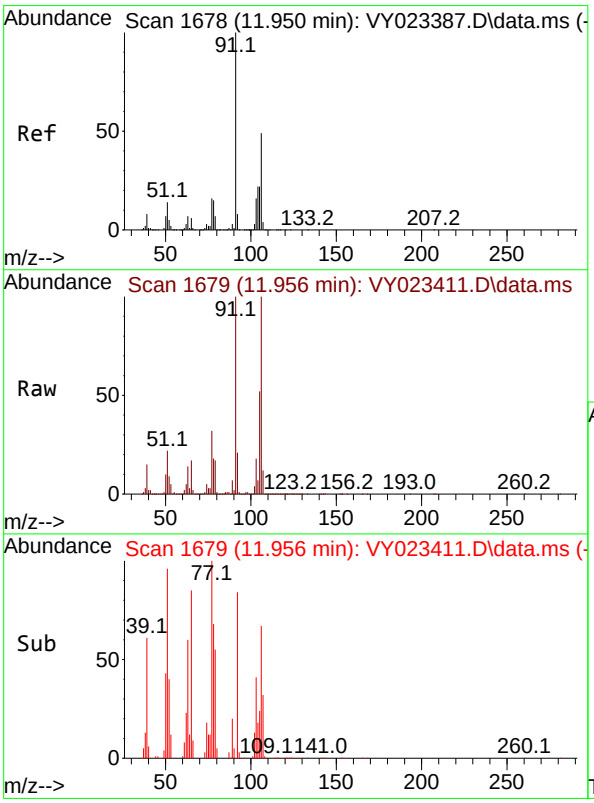

#68
m/p-Xylenes
Concen: 1991.982 ug/l
RT: 11.523 min Scan# 1
Delta R.T. -0.104 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion:106 Resp:11641865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 164.9 | 152.6 | 229.0 |

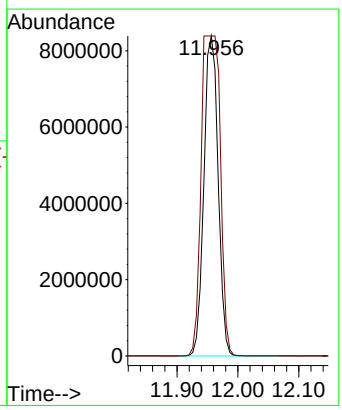


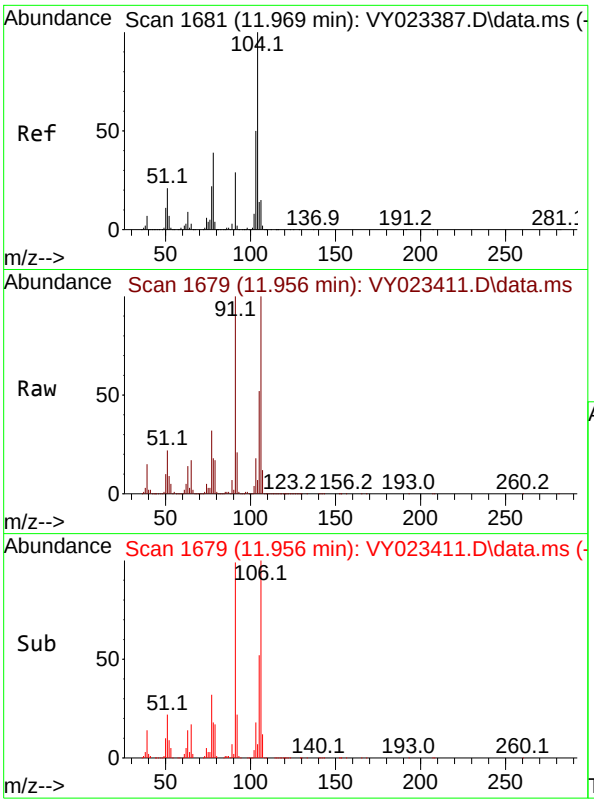




#69
o-Xylene
Concen: 2476.970 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion:106 Resp:13578372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 135.0 | 101.4 | 304.1 |



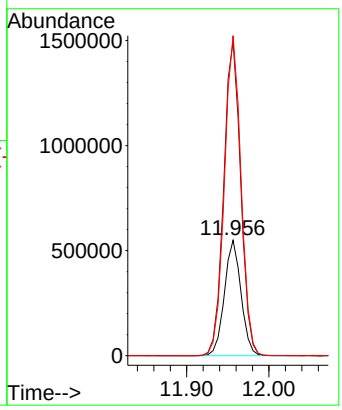


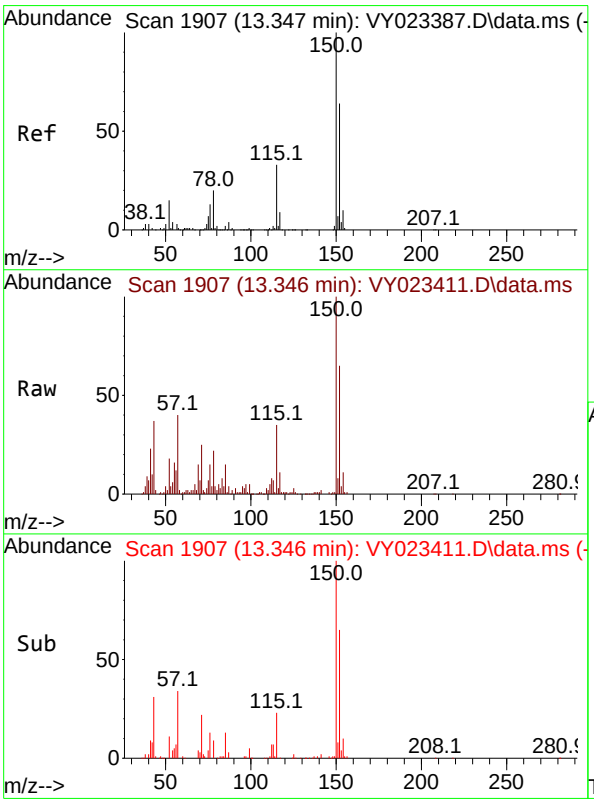

#70
Styrene
Concen: 85.418 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion:104 Resp: 770017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 278.6 | 36.1 | 54.1# |
| 103 | 278.7 | 43.2 | 64.8# |

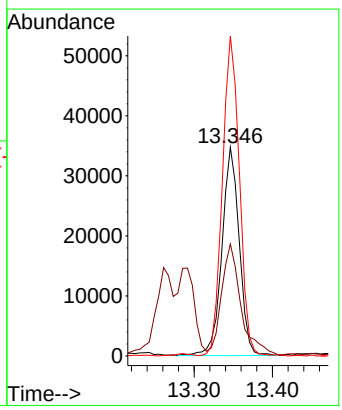


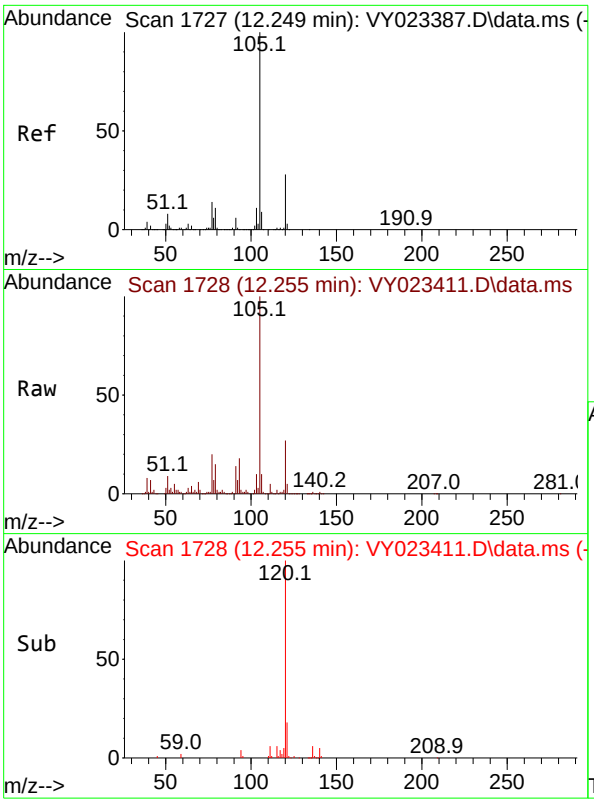




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion:152 Resp: 53513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.4 | 27.1 | 81.2 |
| 150 | 150.9 | 0.0 | 347.4 |



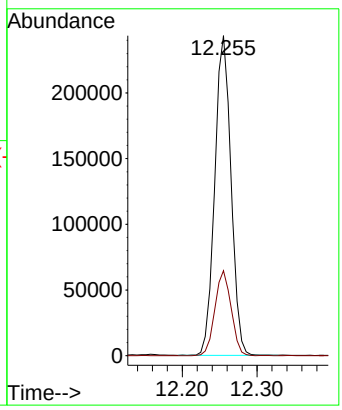


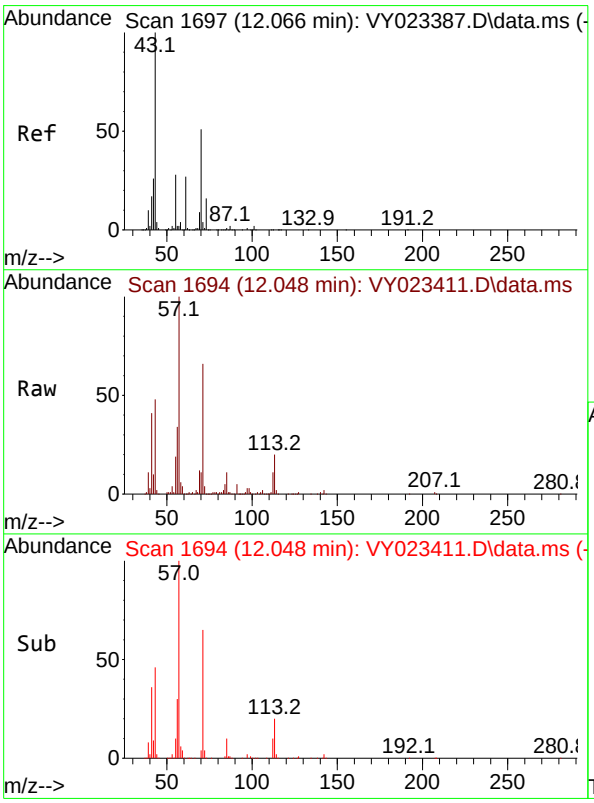

#73
Isopropylbenzene
Concen: 104.405 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion:105 Resp: 368193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.5 | 13.9 | 41.7 |

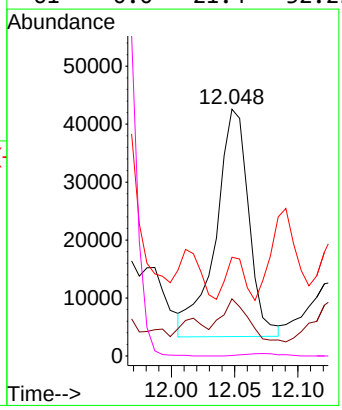


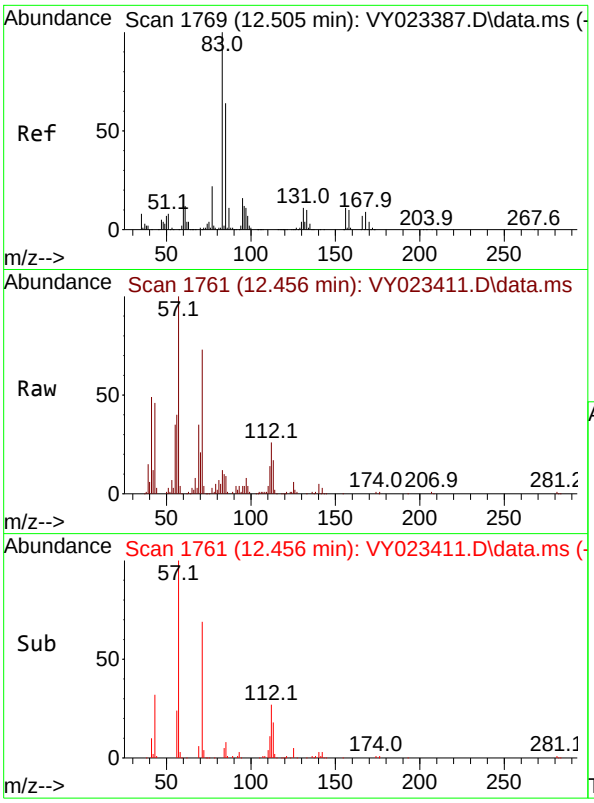




#74
N-amyl acetate
Concen: 112.379 ug/l
RT: 12.048 min Scan# 1694
Delta R.T. -0.018 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion: 43 Resp: 71184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 15.3 | 41.1 | 61.7# |
| 55 | 18.0 | 23.0 | 34.6# |
| 61 | 0.0 | 21.4 | 32.2# |



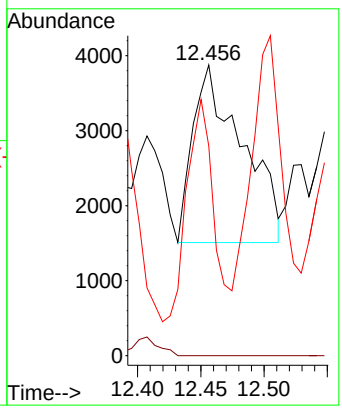


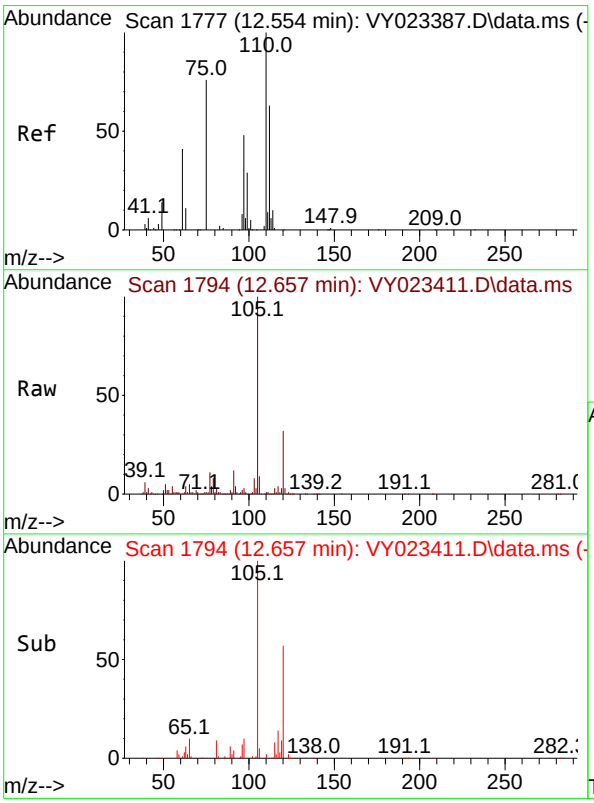

#75
1,1,2,2-Tetrachloroethane
Concen: 11.188 ug/l
RT: 12.456 min Scan# 1
Delta R.T. -0.049 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion: 83 Resp: 6453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 0.0 | 5.9 | 17.6# |
| 85 | 66.8 | 31.8 | 95.3 |

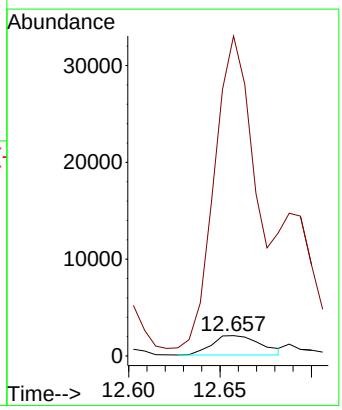


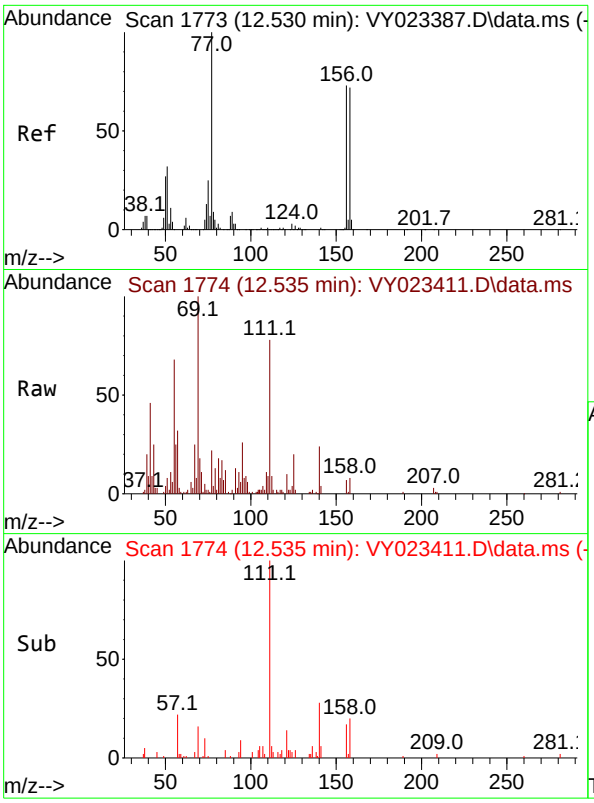




#76
1,2,3-Trichloropropane
Concen: 7.892 ug/l
RT: 12.657 min Scan# 1794
Delta R.T. 0.103 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion: 75 Resp: 3726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1309.5 | 0.0 | 0.0# |



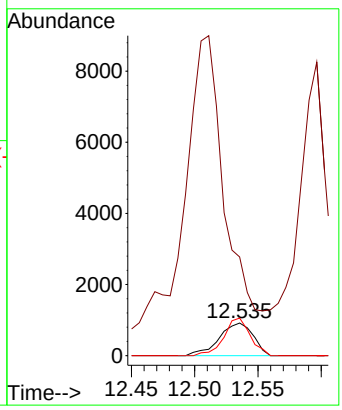


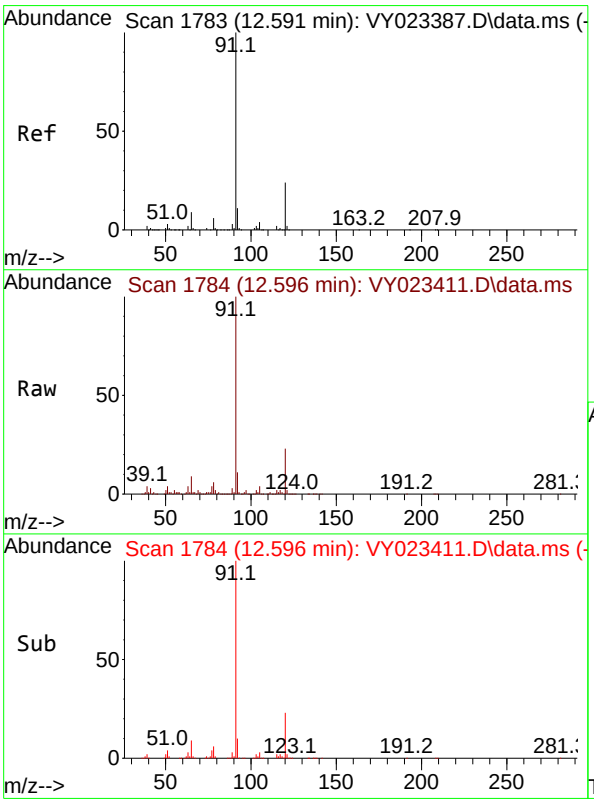

#77
Bromobenzene
Concen: 1.829 ug/l
RT: 12.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion:156 Resp: 1715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 0.0 | 76.8 | 230.5# |
| 158 | 89.4 | 49.0 | 147.2 |

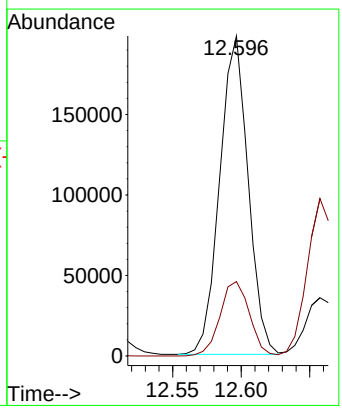


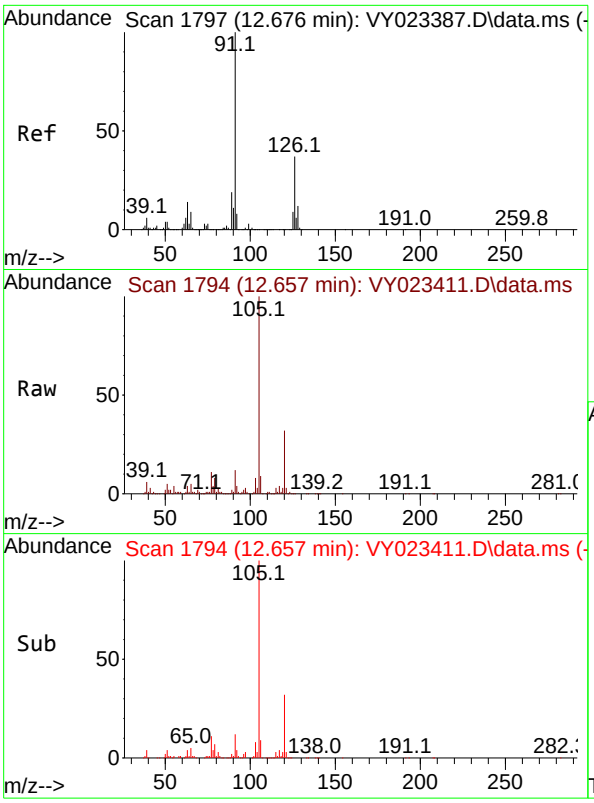




#78
n-propylbenzene
Concen: 69.712 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion: 91 Resp: 284493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 24.3 | 12.3 | 36.8 |



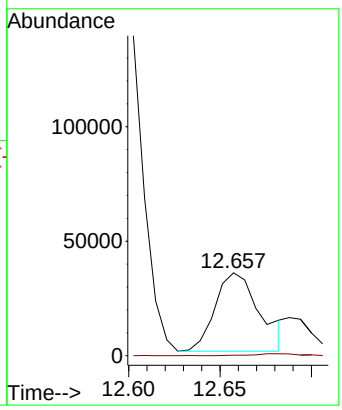


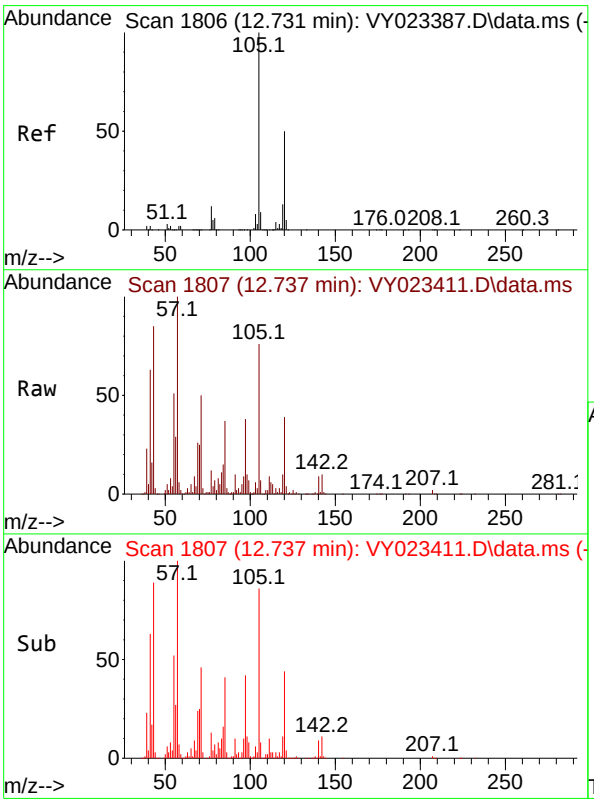

#79
2-Chlorotoluene
Concen: 24.205 ug/l
RT: 12.657 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion: 91 Resp: 57846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 18.5 | 55.5# |

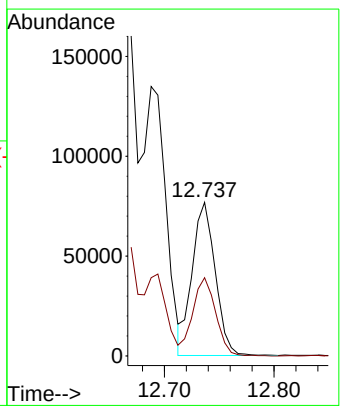


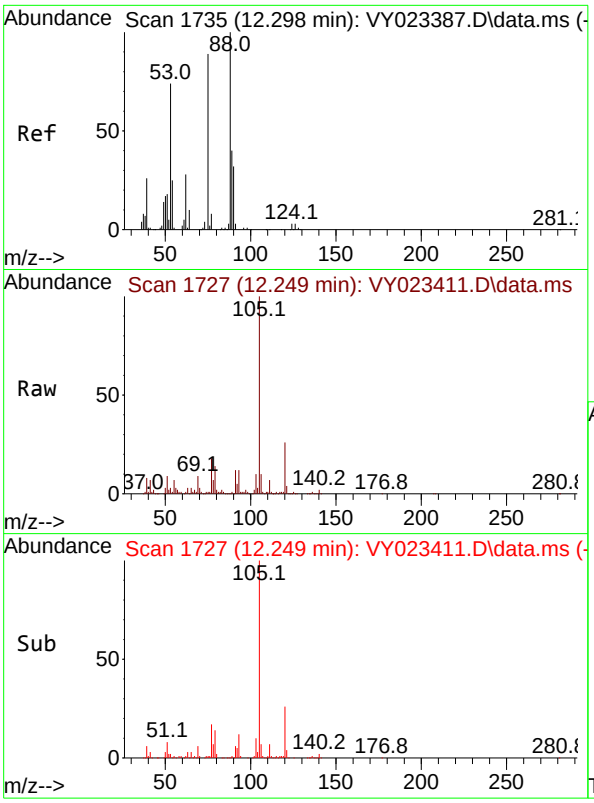




#80
1,3,5-Trimethylbenzene
Concen: 39.396 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion:105 Resp: 112269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 51.3 | 25.4 | 76.4 |



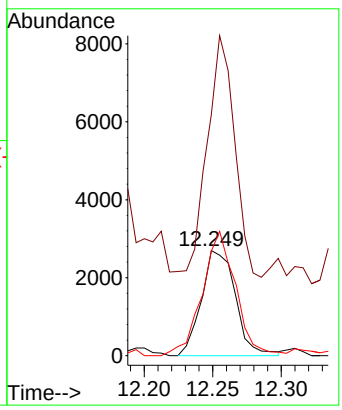


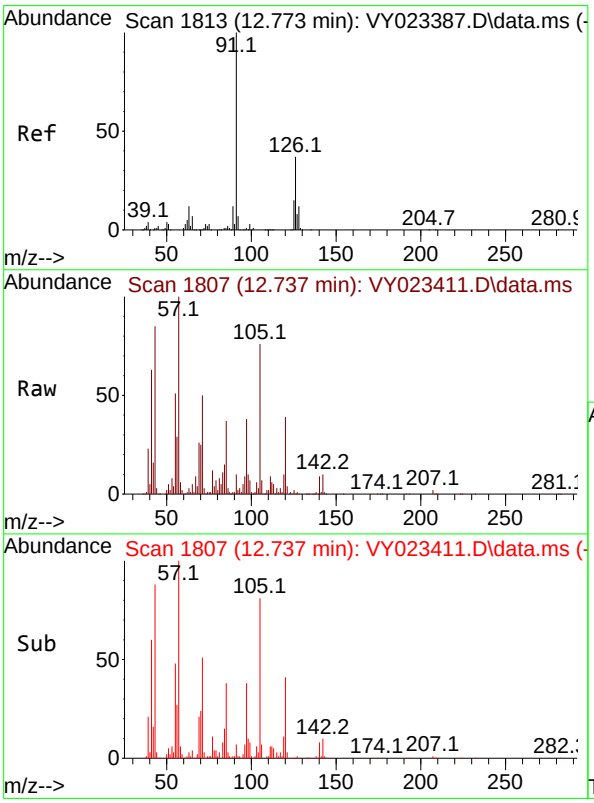

#81
trans-1,4-Dichloro-2-butene
Concen: 24.198 ug/l
RT: 12.249 min Scan# 1
Delta R.T. -0.049 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion: 75 Resp: 4659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 188.8 | 68.6 | 102.8# |
| 89 | 116.1 | 39.0 | 58.4# |

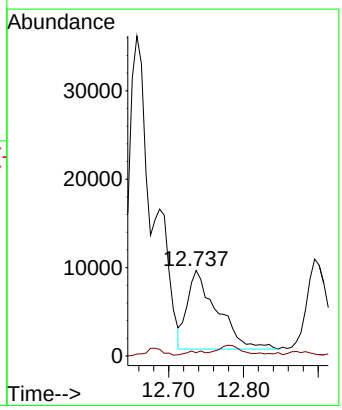


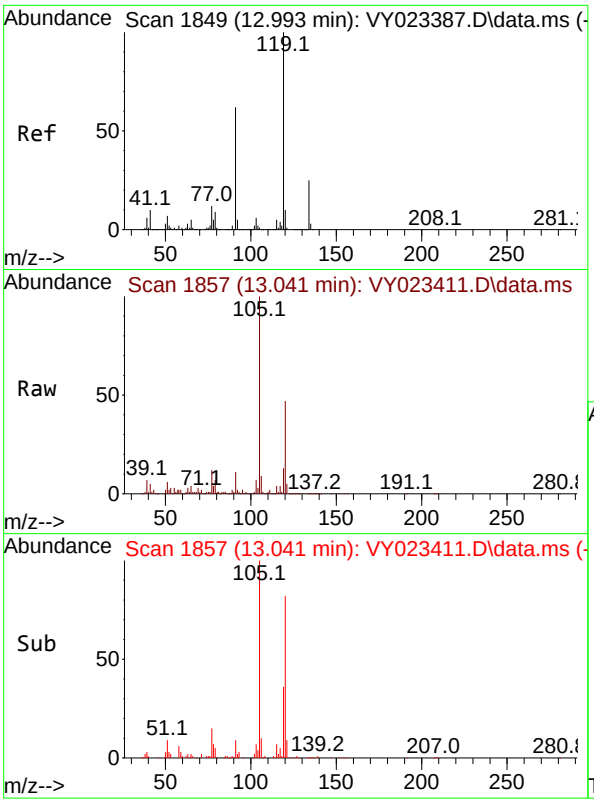




#82
4-Chlorotoluene
Concen: 10.080 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.037 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion: 91 Resp: 24808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 2.1 | 18.4 | 55.4# |



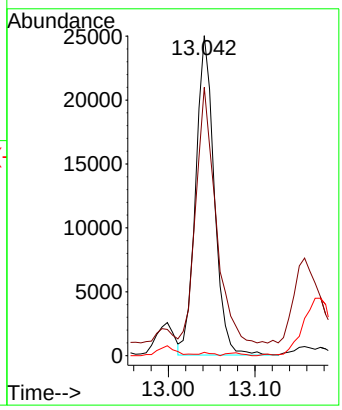


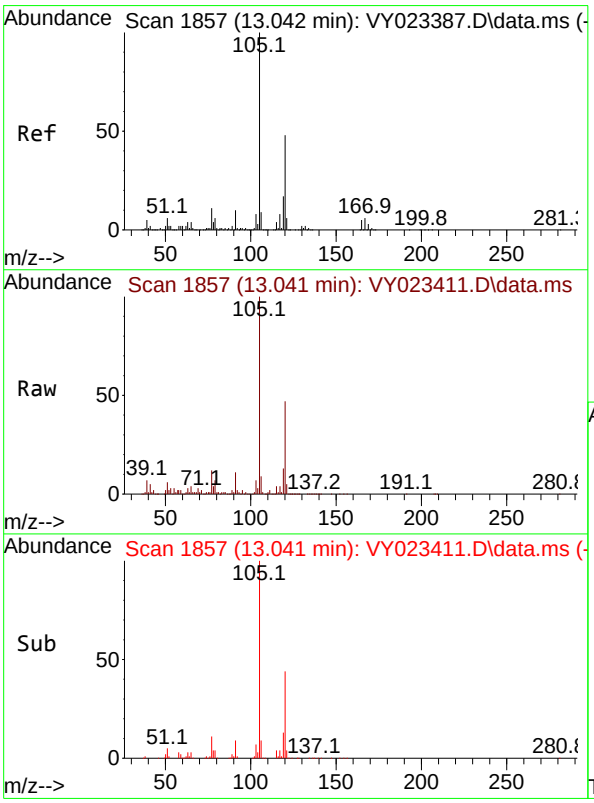

#83
tert-Butylbenzene
Concen: 14.104 ug/l
RT: 13.041 min Scan# 1
Delta R.T. 0.049 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion:119 Resp: 37110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 85.7 | 29.9 | 89.8 |
| 134 | 0.0 | 12.9 | 38.7# |

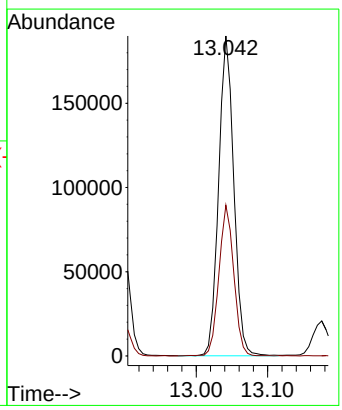


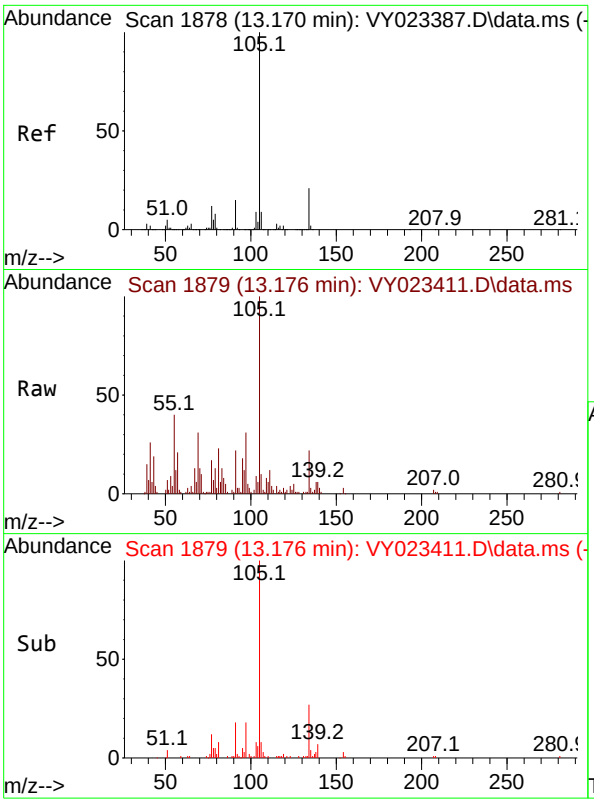




#84
1,2,4-Trimethylbenzene
Concen: 98.057 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion:105 Resp: 278877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.5 | 23.8 | 71.2 |



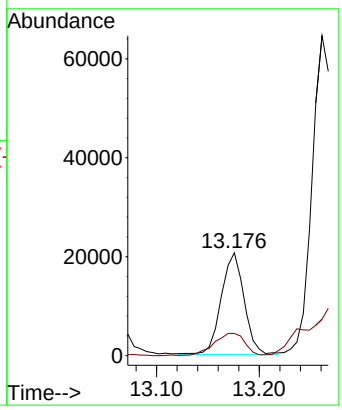


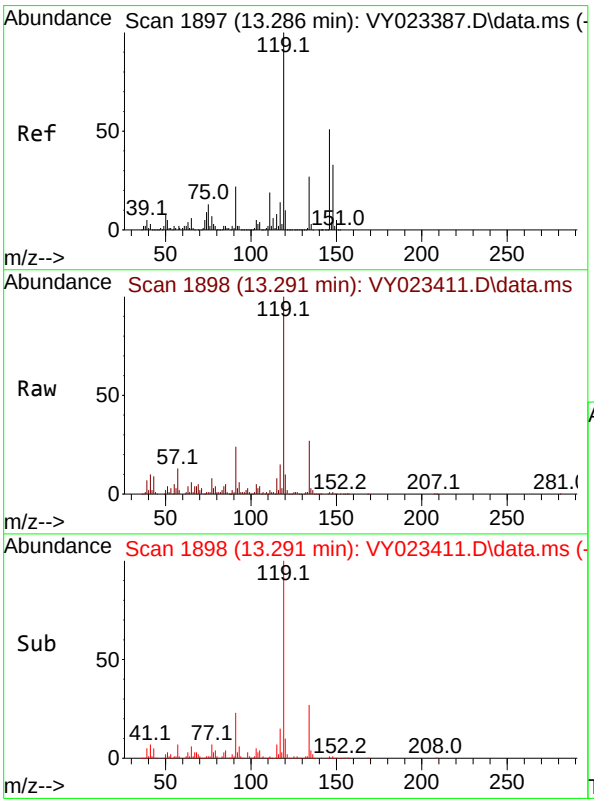

#85
sec-Butylbenzene
Concen: 8.387 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion:105 Resp: 31655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 29.2 | 10.7 | 32.1 |

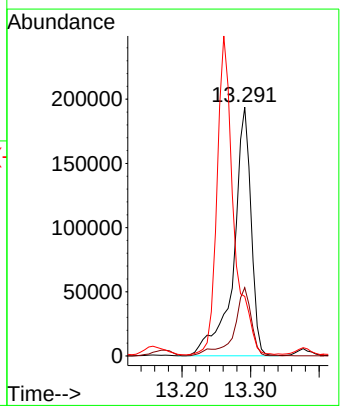


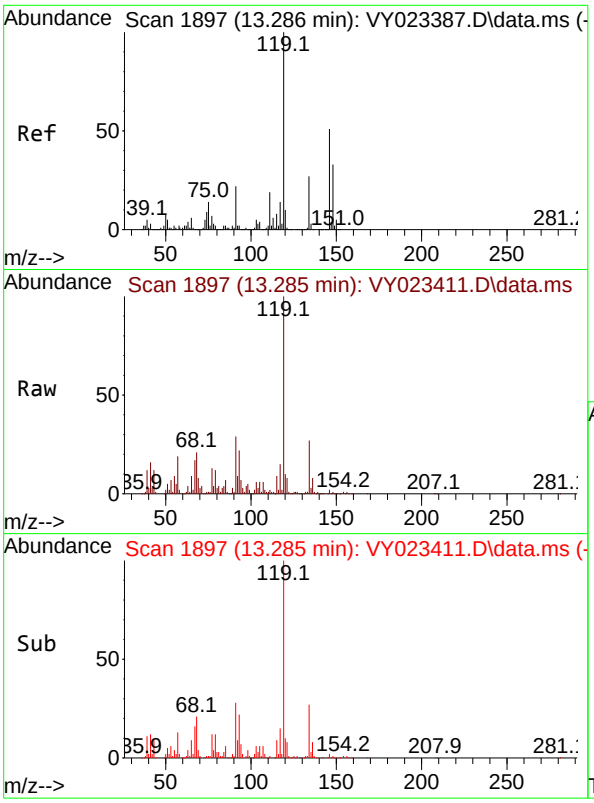




#86
p-Isopropyltoluene
Concen: 106.743 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion:119 Resp: 343030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.1 | 13.6 | 40.7 |
| 91 | 0.0 | 10.9 | 32.9# |



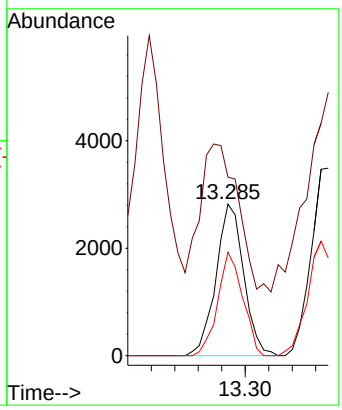


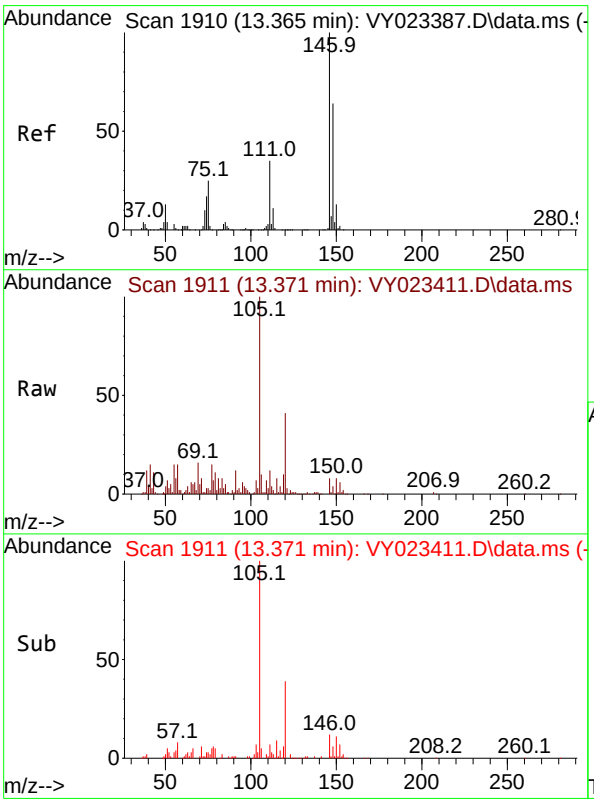

#87
1,3-Dichlorobenzene
Concen: 2.540 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion:146 Resp: 4638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 131.8 | 18.7 | 56.1# |
| 148 | 61.4 | 31.9 | 95.9 |

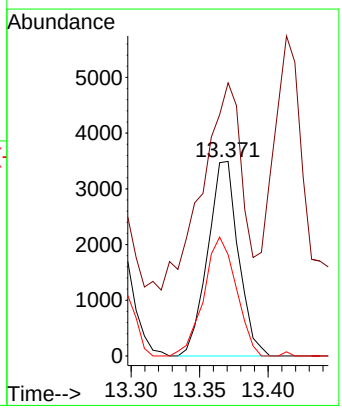


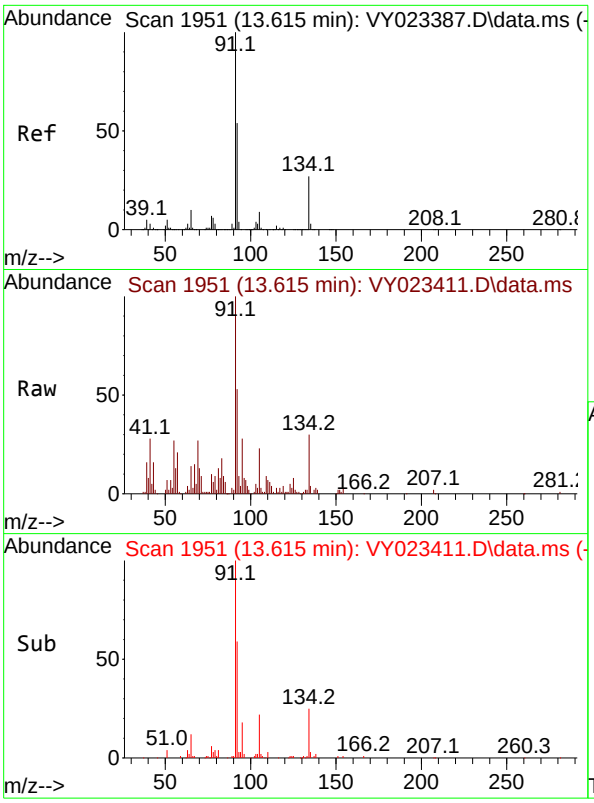




#88
1,4-Dichlorobenzene
Concen: 3.013 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion:146 Resp: 5433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 135.0 | 18.0 | 54.0# |
| 148 | 64.6 | 31.9 | 95.7 |



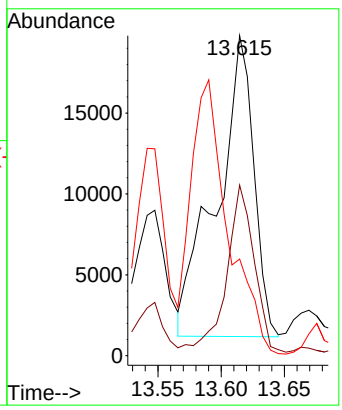


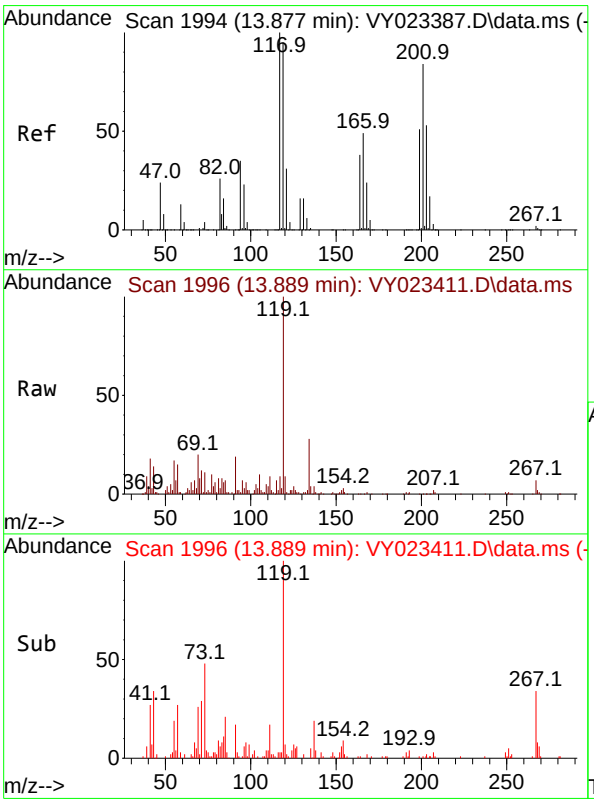

#89
n-Butylbenzene
Concen: 13.506 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion: 91 Resp: 37819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 40.5 | 27.0 | 80.8 |
| 134 | 0.0 | 14.1 | 42.2# |

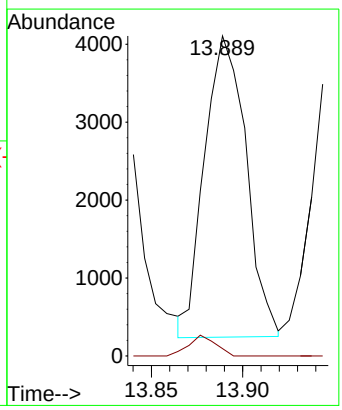


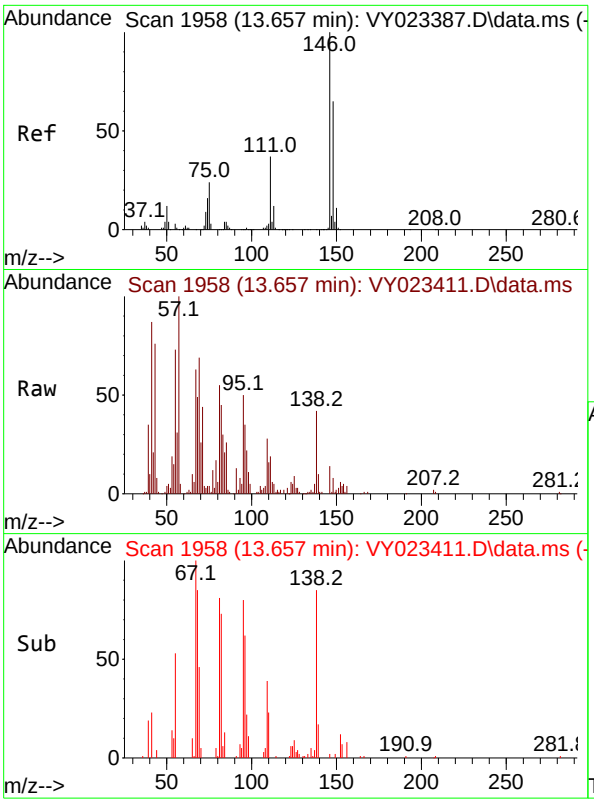




#90
Hexachloroethane
Concen: 8.825 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.012 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion:117 Resp: 6100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 4.5 | 43.8 | 131.4# |



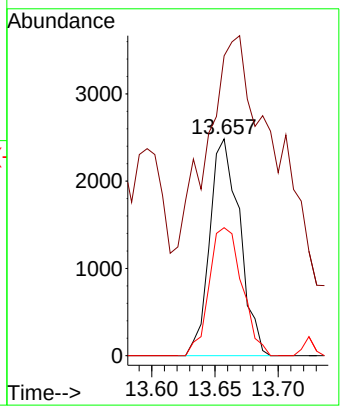


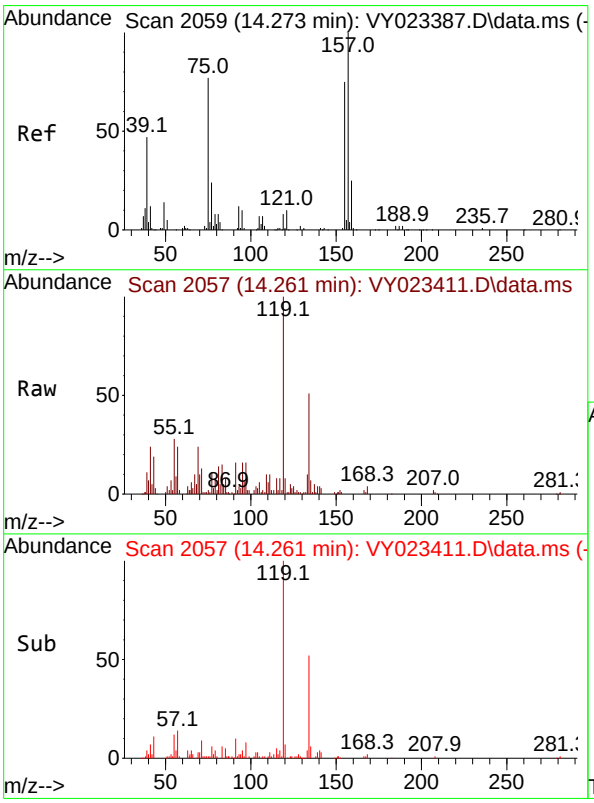

#91
1,2-Dichlorobenzene
Concen: 2.557 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion:146 Resp: 4093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 260.0 | 19.0 | 57.0# |
| 148 | 64.9 | 32.1 | 96.3 |

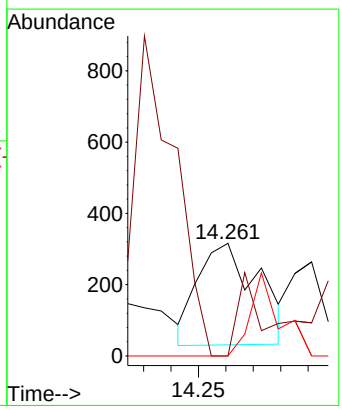


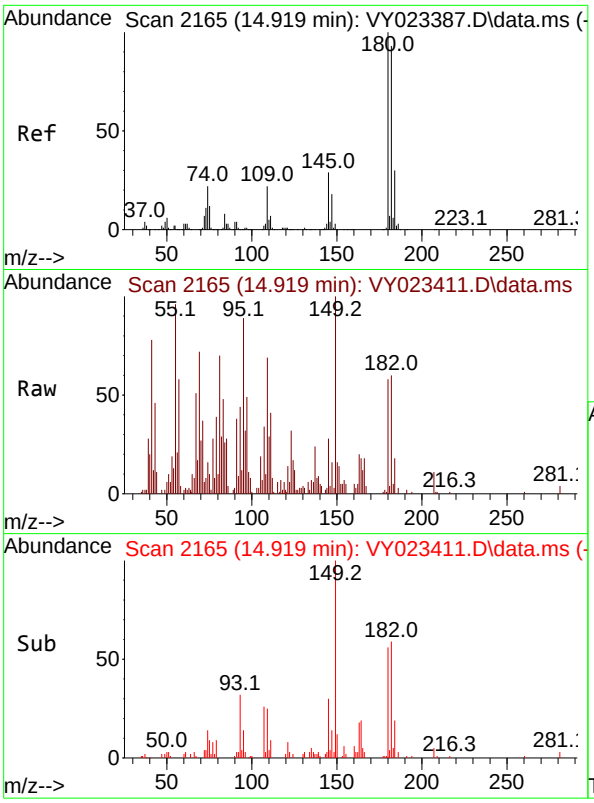




#92
1,2-Dibromo-3-Chloropropane
Concen: 4.628 ug/l
RT: 14.261 min Scan# 2057
Delta R.T. -0.012 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion: 75 Resp: 438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 33.1 | 50.0 | 150.0# |
| 157 | 39.3 | 63.8 | 191.5# |



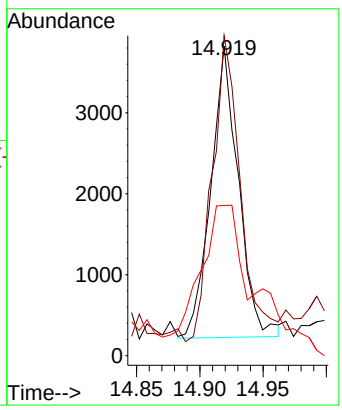


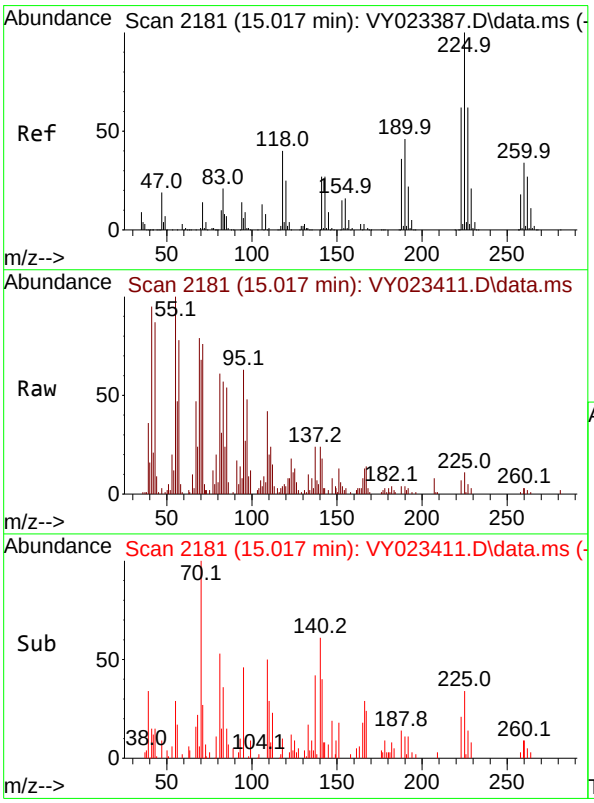

#93
1,2,4-Trichlorobenzene
Concen: 5.477 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

Tgt Ion:180 Resp: 5465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 109.3 | 47.9 | 143.6 |
| 145 | 105.5 | 14.7 | 44.1# |

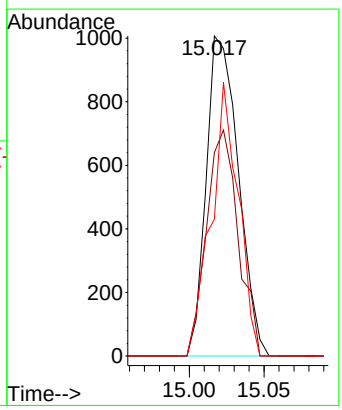


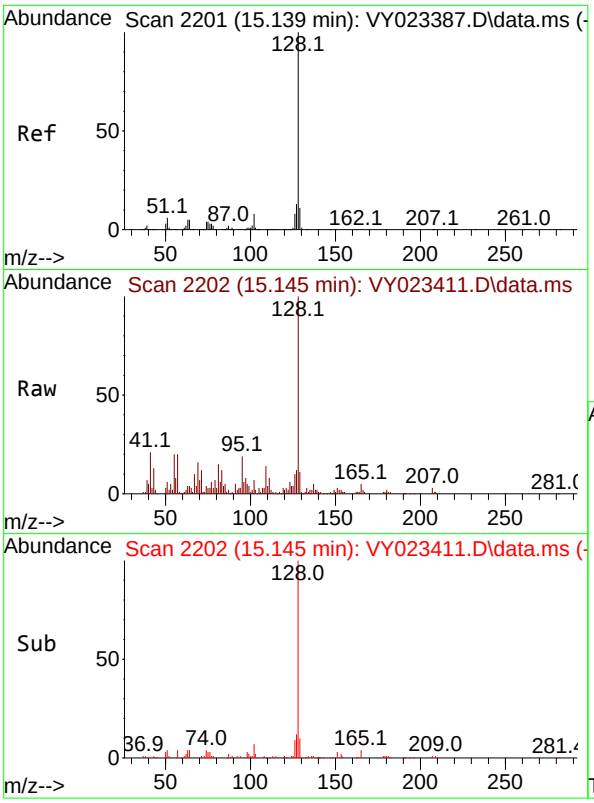




#94
Hexachlorobutadiene
Concen: 2.421 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion:225 Resp: 1506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 69.4 | 30.8 | 92.3 |
| 227 | 72.4 | 31.9 | 95.7 |



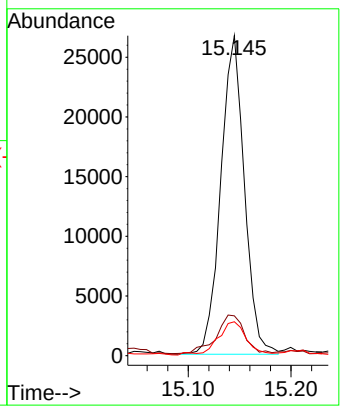


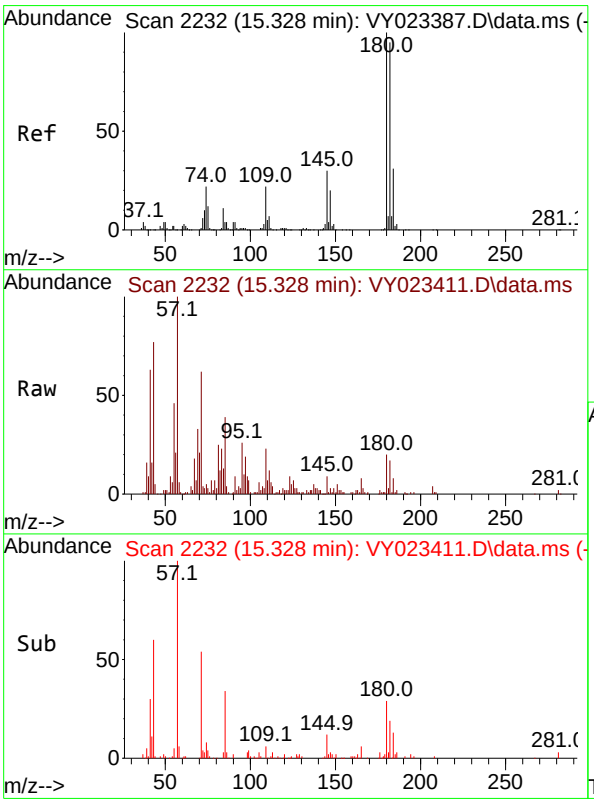

#95
Naphthalene
Concen: 26.786 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

**Instrument :**
MSVOA_Y
**ClientSampleId :**
314

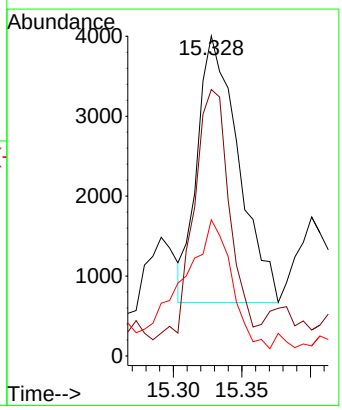
Tgt Ion:128 Resp: 42563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 15.4 | 10.4 | 15.6 |
| 129 | 12.6 | 8.9 | 13.3 |




#96
1,2,3-Trichlorobenzene
Concen: 8.056 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023411.D
Acq: 09 Oct 2025 10:36

Tgt Ion:180 Resp: 6963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 82.4 | 47.9 | 143.8 |
| 145 | 58.2 | 15.3 | 45.9# |