Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
Data File : VN086169.D
Acq On : 31 Mar 2025 14:51
Operator : JC\MD
Sample : VN0331MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Quant Time: Apr 01 01:36:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

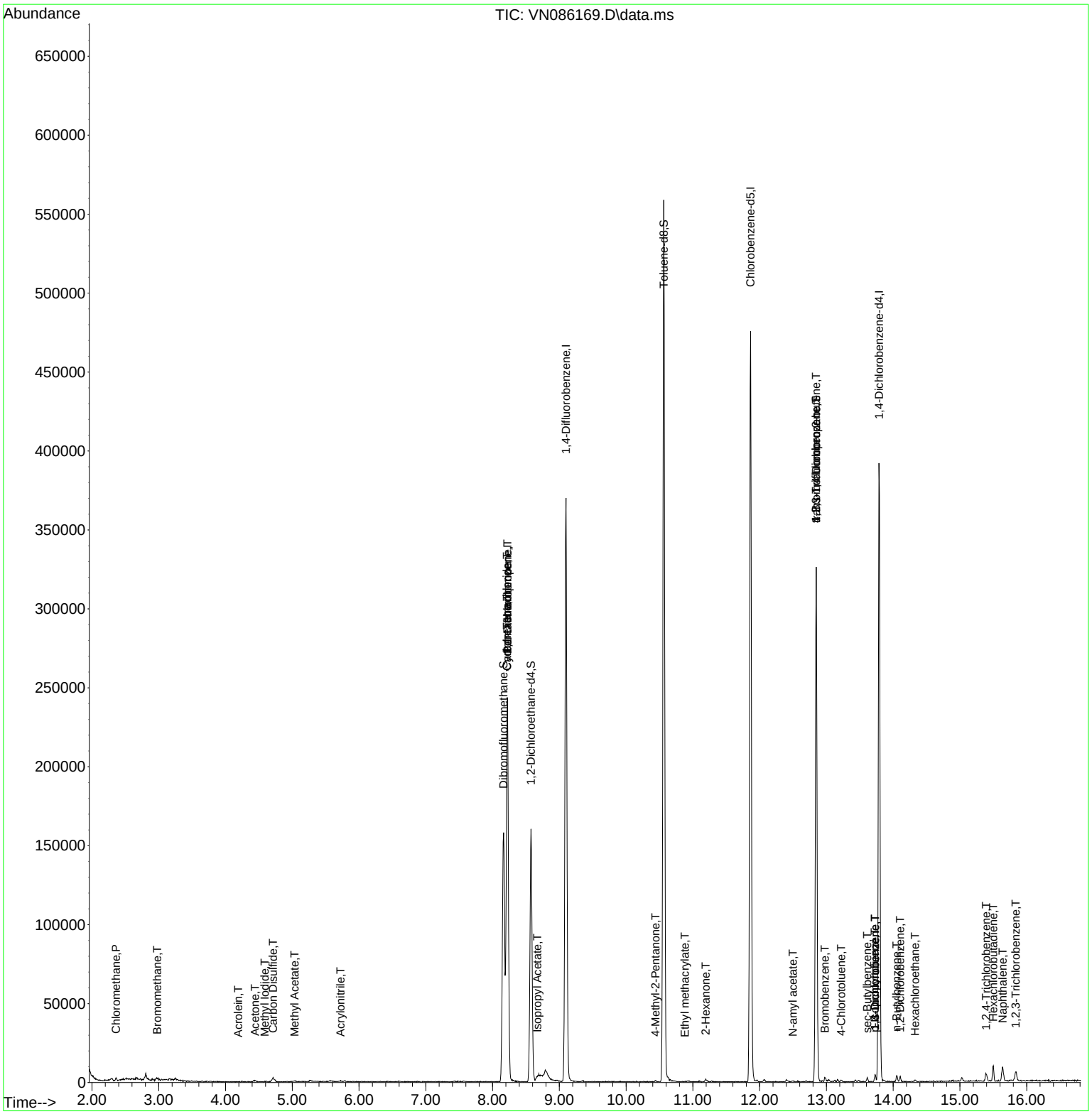
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 8.224 | 168 | 175835 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 9.100 | 114 | 324396 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.865 | 117 | 288485 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152 | 114979 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.577 | 65 | 129652 | 53.847 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 107.700% | | | |
| 35) Dibromofluoromethane | 8.165 | 113 | 116836 | 51.600 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 103.200% | | | |
| 50) Toluene-d8 | 10.565 | 98 | 389121 | 47.352 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 94.700% | | | |
| 62) 4-Bromofluorobenzene | 12.847 | 95 | 116915 | 39.894 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 77 - 121 | | Recovery = 79.780% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 2.359 | 50 | 1137 | 0.557 | ug/l # | 71 |
| 5) Bromomethane | 2.977 | 94 | 830 | 0.584 | ug/l | 81 |
| 10) Methyl Iodide | 4.589 | 142 | 860 | 0.331 | ug/l # | 38 |
| 13) Acrolein | 4.189 | 56 | 224 | 0.616 | ug/l # | 45 |
| 15) Acrylonitrile | 5.724 | 53 | 316 | 0.351 | ug/l # | 52 |
| 16) Acetone | 4.442 | 43 | 1647 | 2.239 | ug/l # | 83 |
| 17) Carbon Disulfide | 4.712 | 76 | 3756 | 0.634 | ug/l # | 74 |
| 18) Methyl Acetate | 5.036 | 43 | 894 | 0.491 | ug/l # | 45 |
| 31) Cyclohexane | 8.218 | 56 | 3411 | 1.137 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 8.224 | 75 | 13927 | 4.671 | ug/l # | 50 |
| 38) Carbon Tetrachloride | 8.218 | 117 | 17802 | 4.541 | ug/l # | 15 |
| 43) Isopropyl Acetate | 8.671 | 43 | 1801 | 0.330 | ug/l # | 50 |
| 51) 4-Methyl-2-Pentanone | 10.441 | 43 | 736 | 0.306 | ug/l # | 66 |
| 56) Ethyl methacrylate | 10.882 | 69 | 112 | 0.228 | ug/l # | 33 |
| 59) 2-Hexanone | 11.194 | 43 | 1526 | 0.871 | ug/l | 76 |
| 74) N-amyl acetate | 12.500 | 43 | 652 | 0.248 | ug/l # | 42 |
| 76) 1,2,3-Trichloropropane | 12.847 | 75 | 56087 | 21.788 | ug/l # | 1 |
| 77) Bromobenzene | 12.976 | 156 | 759 | 0.347 | ug/l | 69 |
| 81) trans-1,4-Dichloro-2-b... | 12.847 | 75 | 56087 | 57.605 | ug/l # | 16 |
| 82) 4-Chlorotoluene | 13.223 | 91 | 1414 | 0.233 | ug/l | 80 |
| 85) sec-Butylbenzene | 13.612 | 105 | 2044 | 0.276 | ug/l | 88 |
| 86) p-Isopropyltoluene | 13.723 | 119 | 1473 | 0.235 | ug/l | 91 |
| 87) 1,3-Dichlorobenzene | 13.729 | 146 | 1558 | 0.395 | ug/l | 95 |
| 88) 1,4-Dichlorobenzene | 13.729 | 146 | 1558 | 0.376 | ug/l | 96 |
| 89) n-Butylbenzene | 14.053 | 91 | 2952 | 0.579 | ug/l | 92 |
| 90) Hexachloroethane | 14.329 | 117 | 430 | 0.298 | ug/l # | 33 |
| 91) 1,2-Dichlorobenzene | 14.106 | 146 | 1772 | 0.452 | ug/l | 81 |
| 93) 1,2,4-Trichlorobenzene | 15.394 | 180 | 2430 | 1.232 | ug/l | 95 |
| 94) Hexachlorobutadiene | 15.500 | 225 | 1996 | 1.744 | ug/l | 98 |
| 95) Naphthalene | 15.641 | 128 | 10345 | 1.811 | ug/l | 98 |
| 96) 1,2,3-Trichlorobenzene | 15.835 | 180 | 3162 | 1.689 | ug/l | 97 |

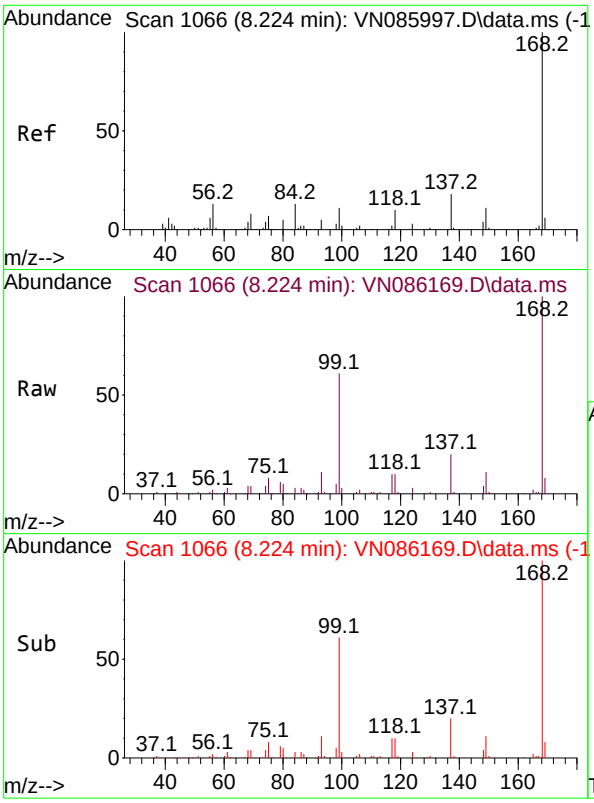
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
Data File : VN086169.D
Acq On : 31 Mar 2025 14:51
Operator : JC\MD
Sample : VN0331MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Quant Time: Apr 01 01:36:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration



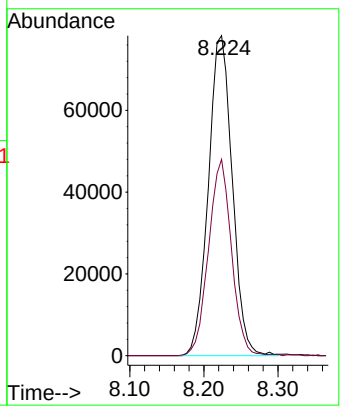


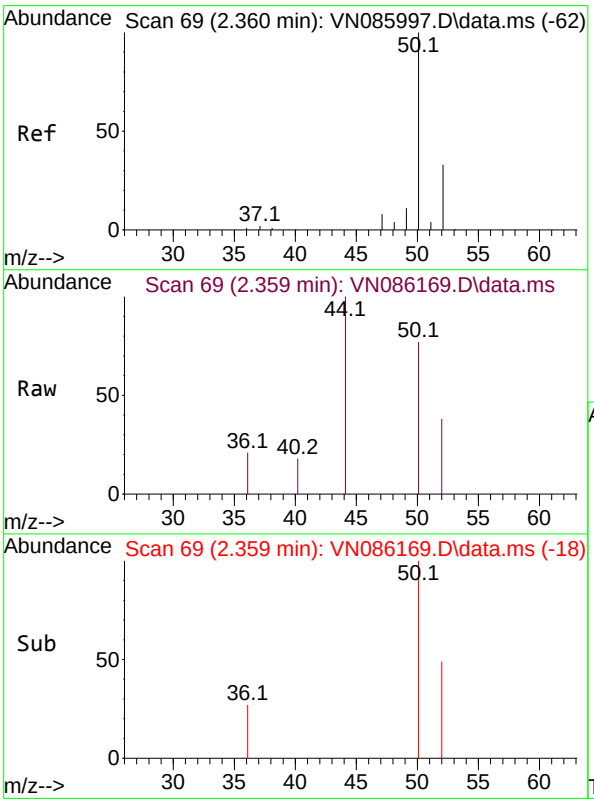

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Tgt Ion:168 Resp: 175835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 61.3 | 49.4 | 74.2 |

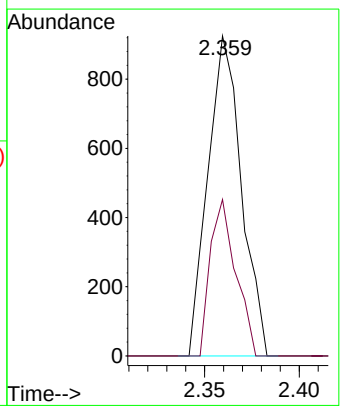


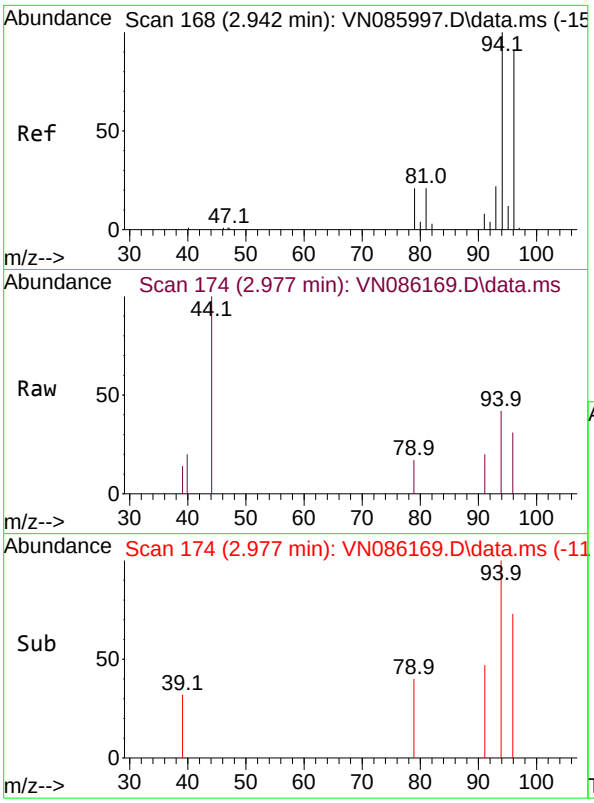




#3
Chloromethane
Concen: 0.557 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion: 50 Resp: 1137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 48.9 | 26.0 | 39.0# |



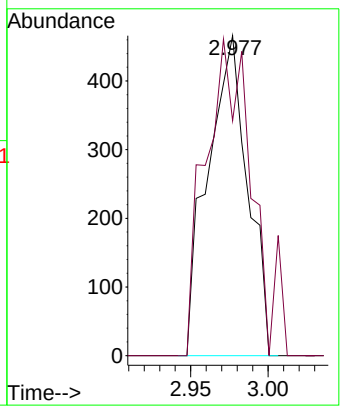


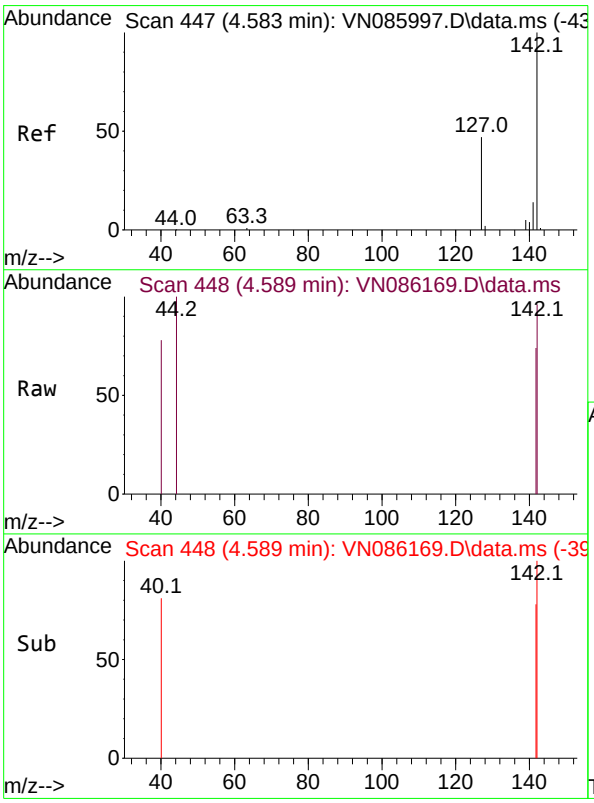

#5
Bromomethane
Concen: 0.584 ug/l
RT: 2.977 min Scan# 1
Delta R.T. 0.035 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Tgt Ion: 94 Resp: 830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 73.4 | 72.8 | 109.2 |

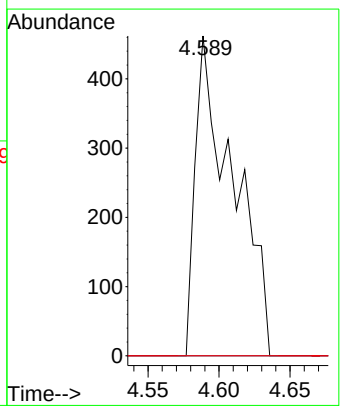


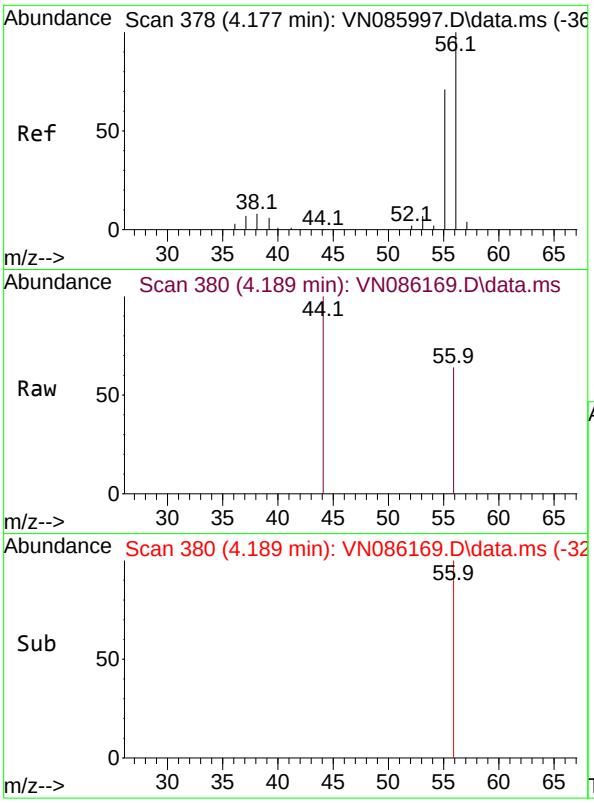




#10
Methyl Iodide
Concen: 0.331 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion:142 Resp: 860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 0.0 | 37.5 | 56.3# |
| 141 | 0.0 | 11.0 | 16.6# |



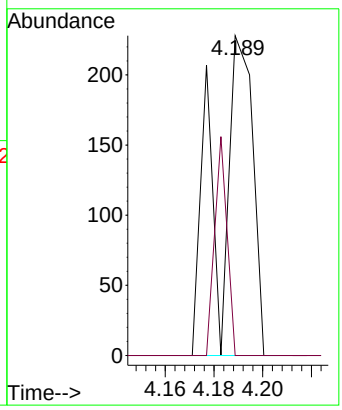


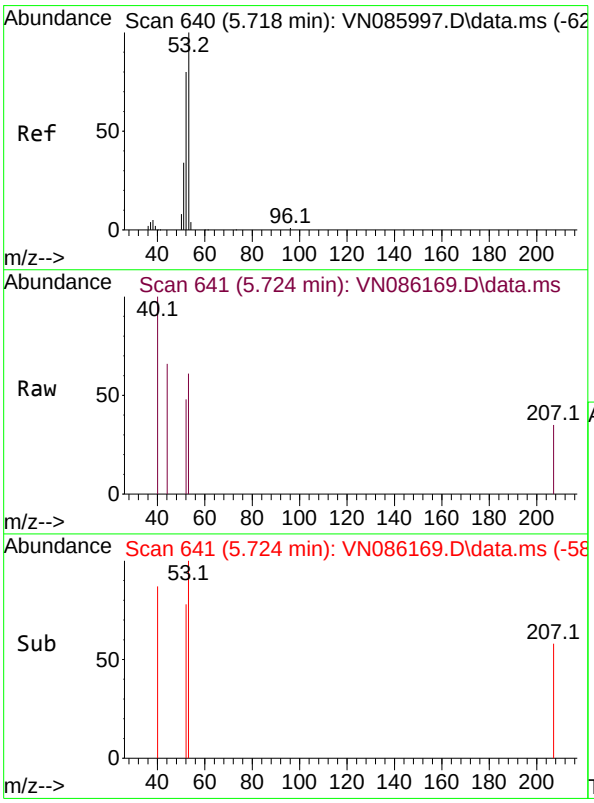

#13
Acrolein
Concen: 0.616 ug/l
RT: 4.189 min Scan# 3
Delta R.T. 0.012 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Tgt Ion: 56 Resp: 224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 24.6 | 55.1 | 82.7# |

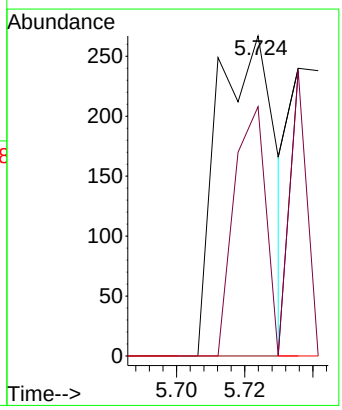


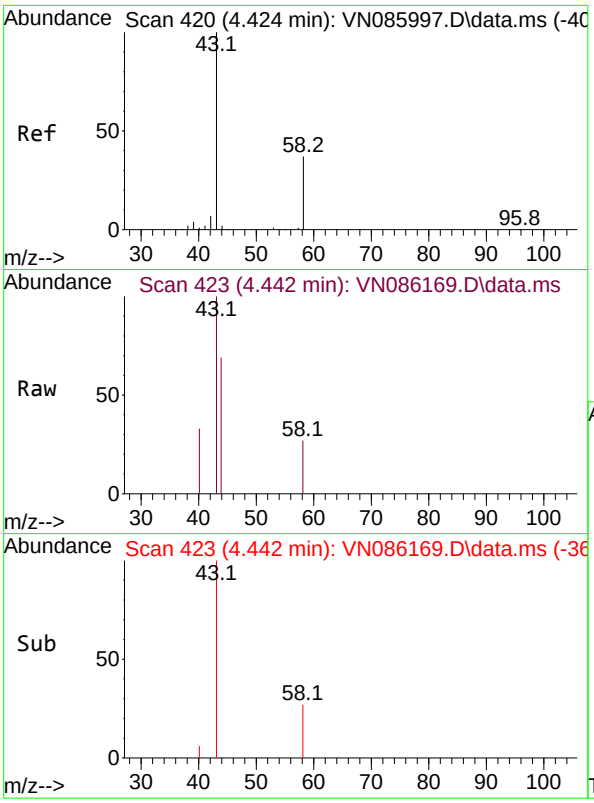




#15
Acrylonitrile
Concen: 0.351 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion: 53 Resp: 316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 42.1 | 63.9 | 95.9# |
| 51 | 0.0 | 27.1 | 40.7# |



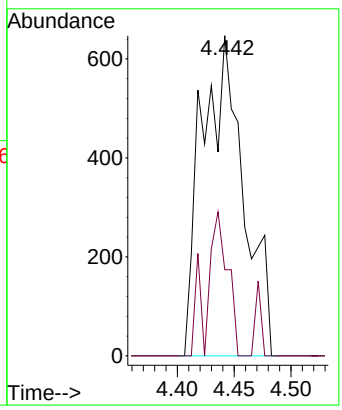


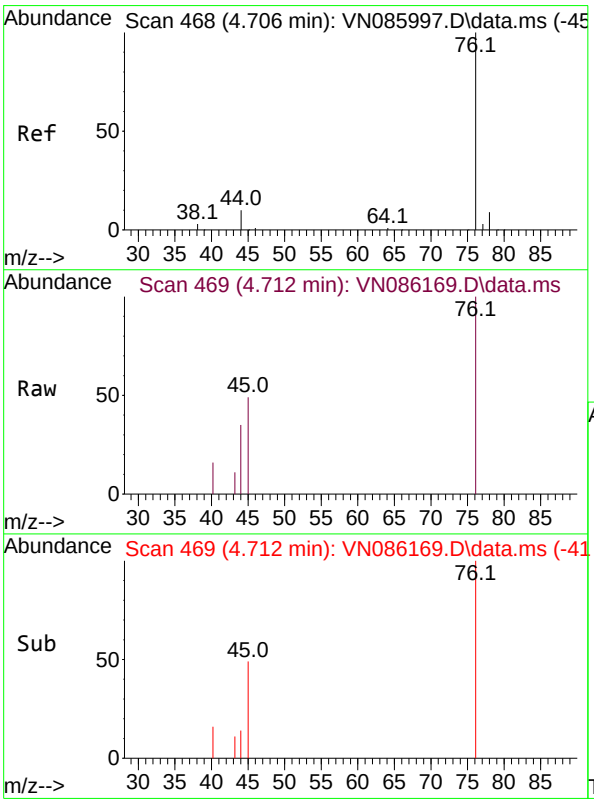

#16
Acetone
Concen: 2.239 ug/l
RT: 4.442 min Scan# 4
Delta R.T. 0.018 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Tgt Ion: 43 Resp: 1647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.9 | 29.4 | 44.2# |

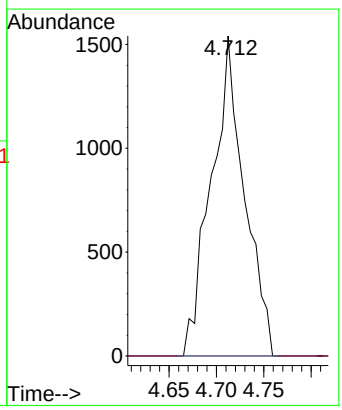


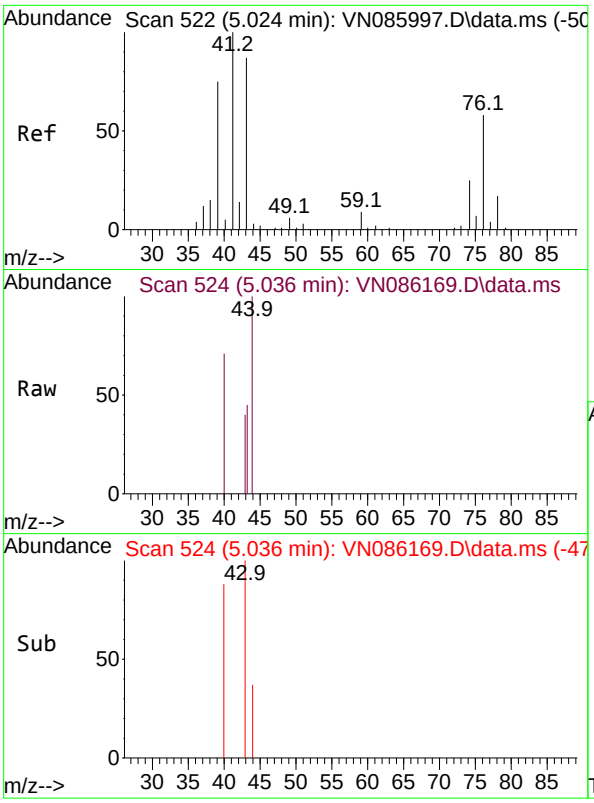




#17
Carbon Disulfide
Concen: 0.634 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion: 76 Resp: 3756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 0.0 | 7.4 | 11.2# |



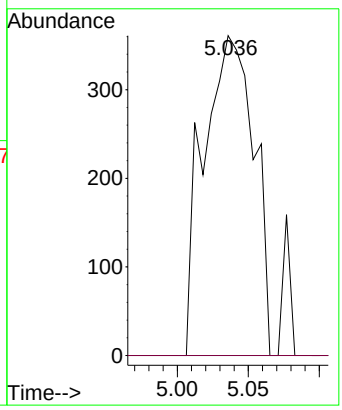


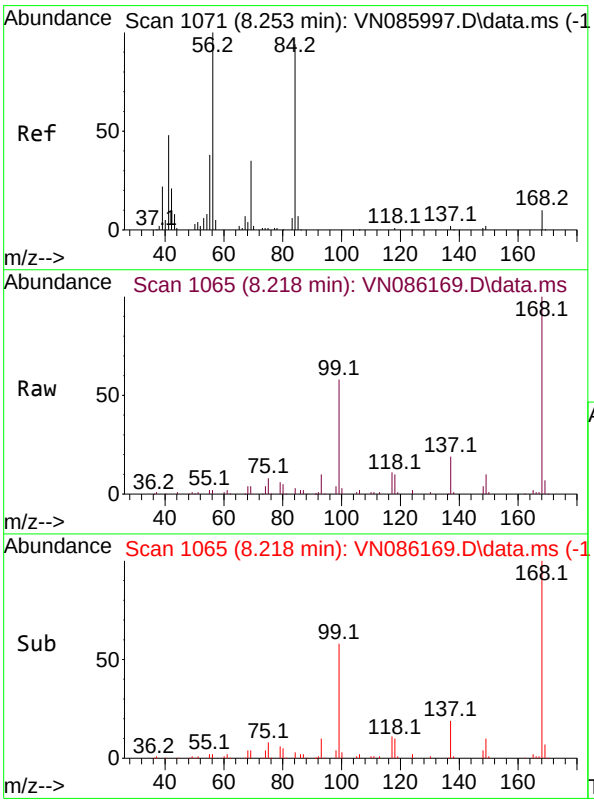

#18
Methyl Acetate
Concen: 0.491 ug/l
RT: 5.036 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Tgt Ion: 43 Resp: 894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 23.9 | 35.9# |

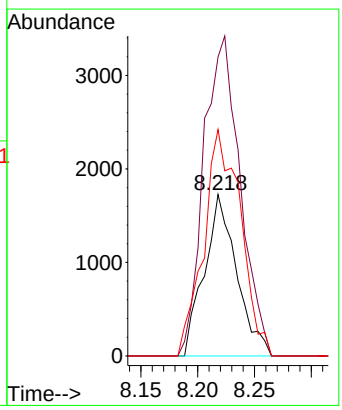


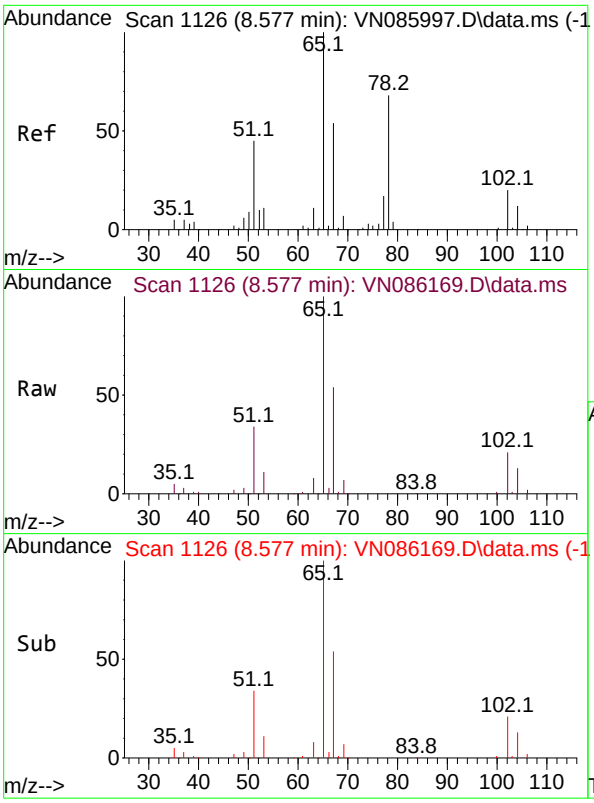




#31
Cyclohexane
Concen: 1.137 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion: 56 Resp: 3411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 185.2 | 28.0 | 42.0# |
| 84 | 140.3 | 75.0 | 112.6# |



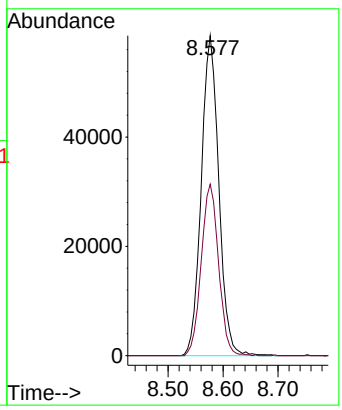


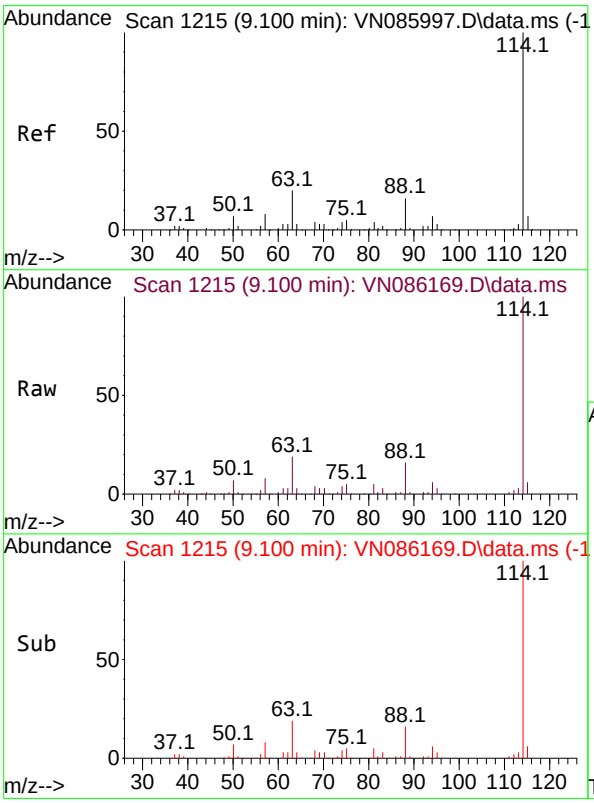

#33
1,2-Dichloroethane-d4
Concen: 53.847 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Tgt Ion: 65 Resp: 129652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.0 | 0.0 | 102.2 |

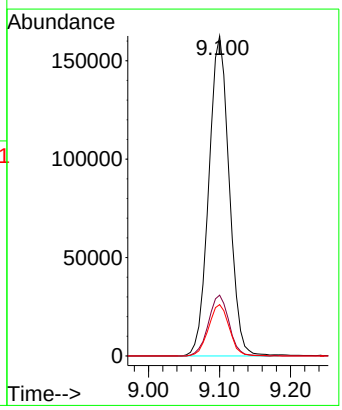


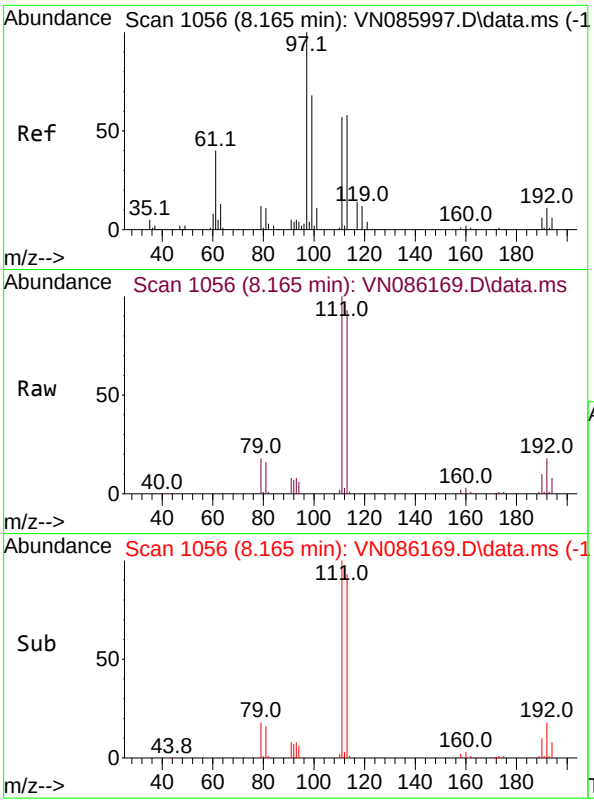




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion:114 Resp: 324396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.0 | 0.0 | 39.6 |
| 88 | 16.0 | 0.0 | 32.6 |



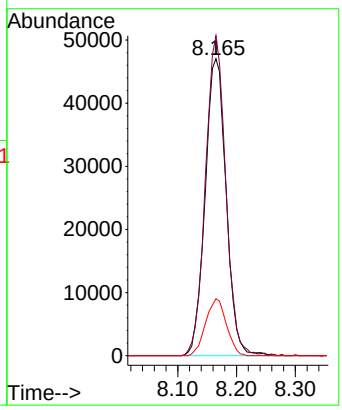


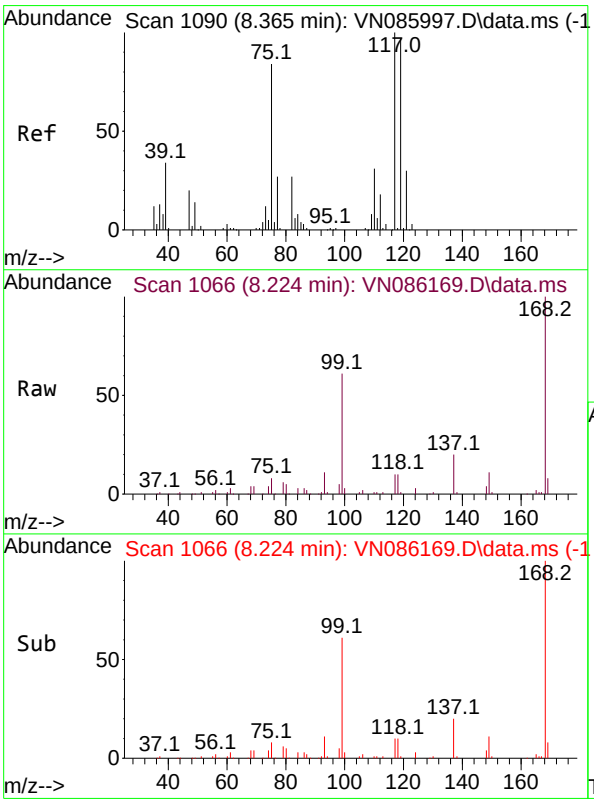

#35
Dibromofluoromethane
Concen: 51.600 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Tgt Ion:113 Resp: 116836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.9 | 81.8 | 122.8 |
| 192 | 19.0 | 15.9 | 23.9 |

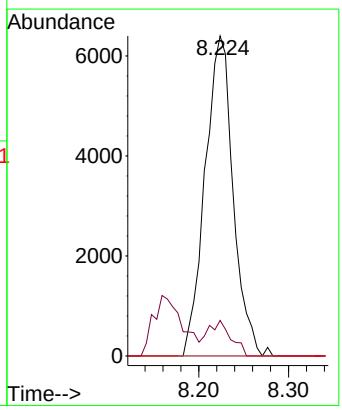


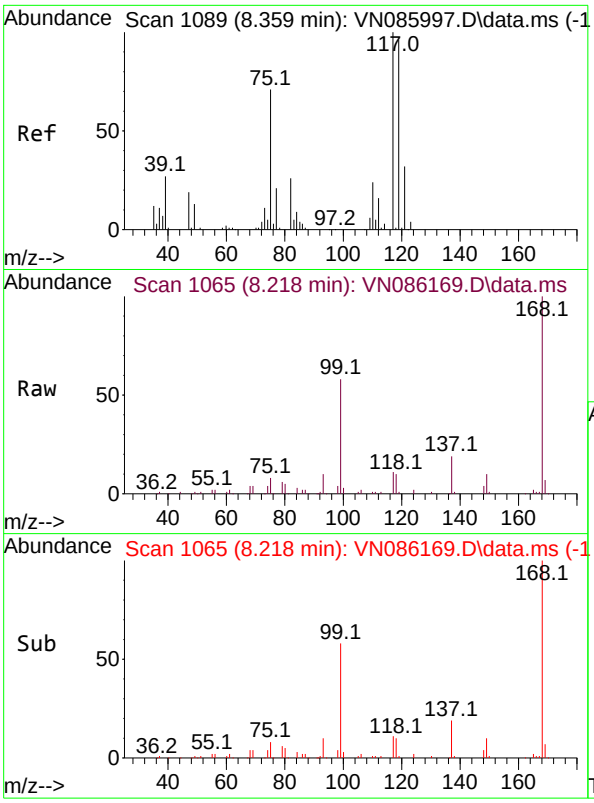




#36
1,1-Dichloropropene
Concen: 4.671 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion: 75 Resp: 13927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 9.2 | 17.8 | 53.3# |
| 77 | 0.0 | 25.0 | 37.4# |



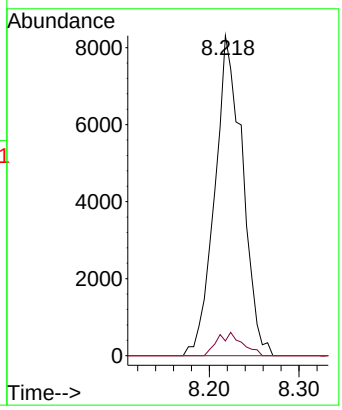


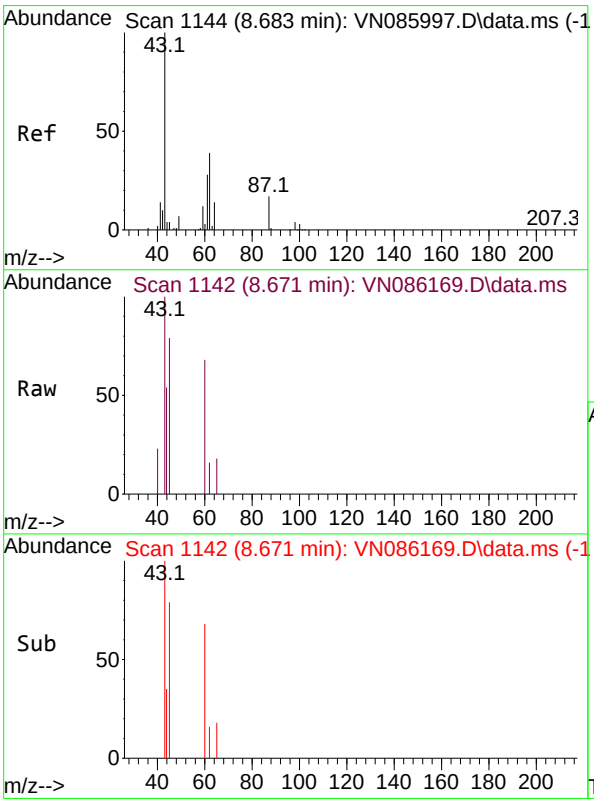

#38
Carbon Tetrachloride
Concen: 4.541 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Tgt Ion:117 Resp: 17802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.6 | 77.0 | 115.4# |
| 121 | 0.0 | 25.6 | 38.4# |

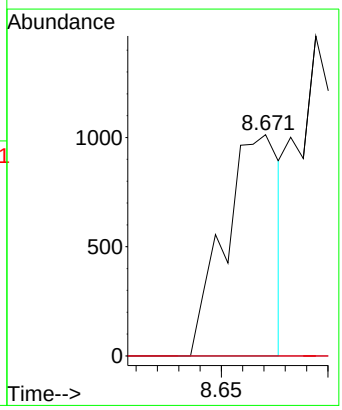


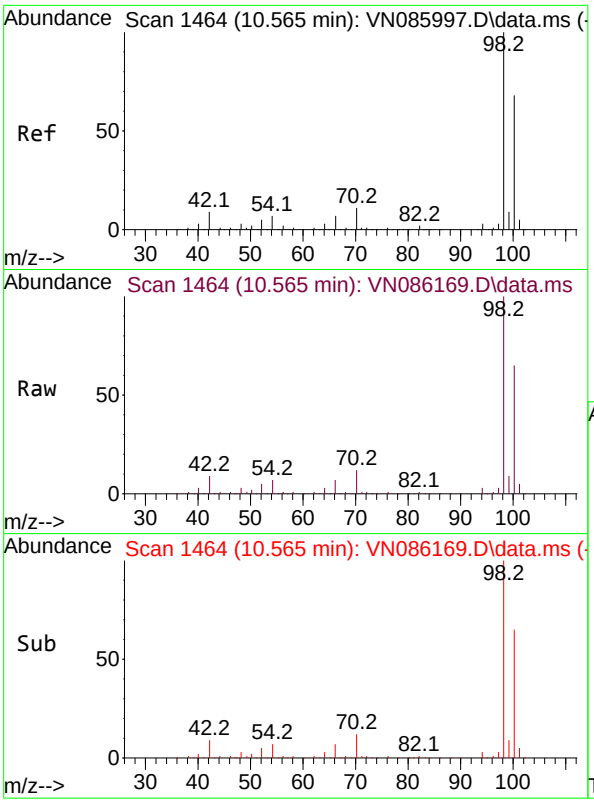




#43
Isopropyl Acetate
Concen: 0.330 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.012 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion: 43 Resp: 1801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 25.0 | 37.6# |
| 87 | 0.0 | 13.0 | 19.4# |



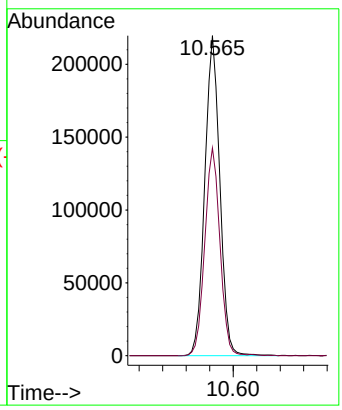


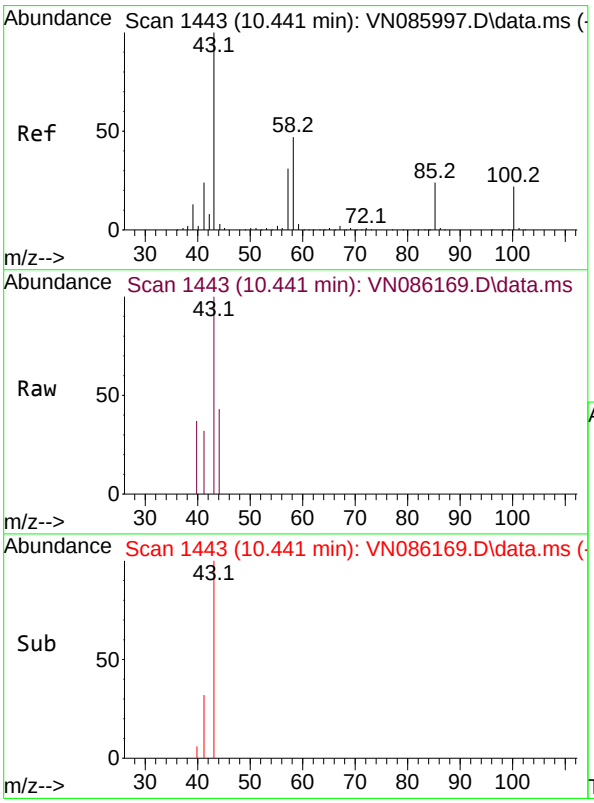

#50
Toluene-d8
Concen: 47.352 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Tgt Ion: 98 Resp: 389121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.4 | 53.1 | 79.7 |

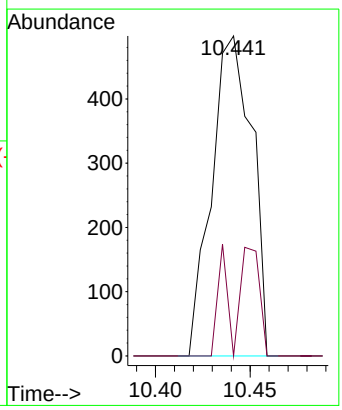


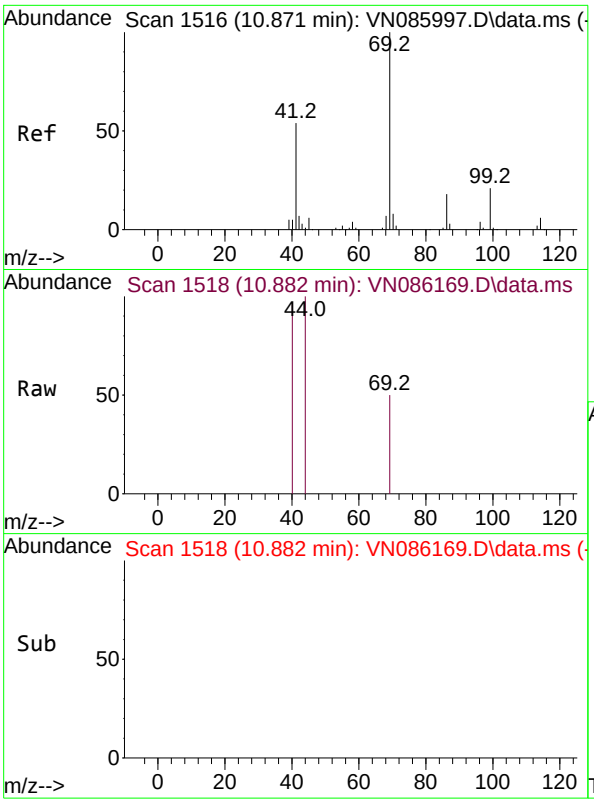




#51
4-Methyl-2-Pentanone
Concen: 0.306 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion: 43 Resp: 736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 24.3 | 37.4 | 56.0# |



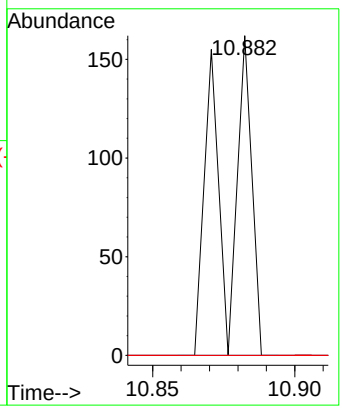


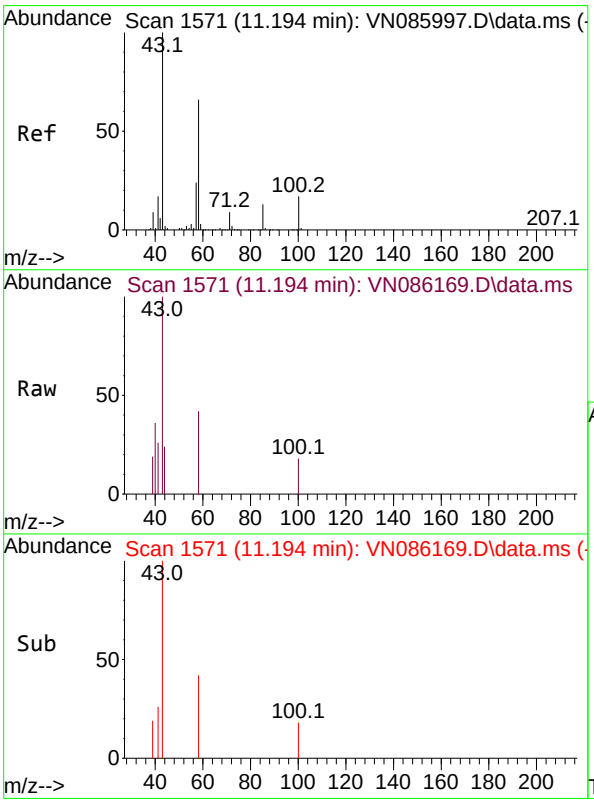

#56
Ethyl methacrylate
Concen: 0.228 ug/l
RT: 10.882 min Scan# 1
Delta R.T. 0.011 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Tgt Ion: 69 Resp: 112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 0.0 | 41.6 | 62.4# |
| 39 | 0.0 | 21.8 | 32.8# |

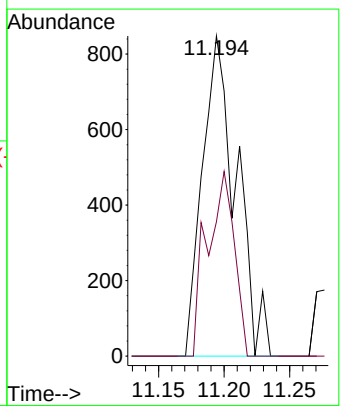


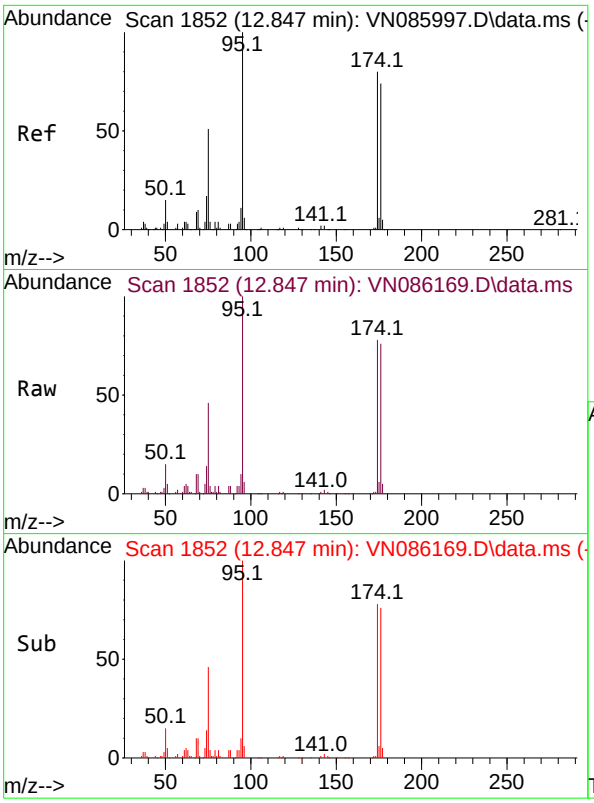




#59
2-Hexanone
Concen: 0.871 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion: 43 Resp: 1526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 46.2 | 32.4 | 97.2 |



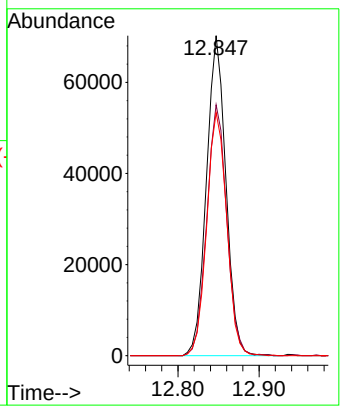


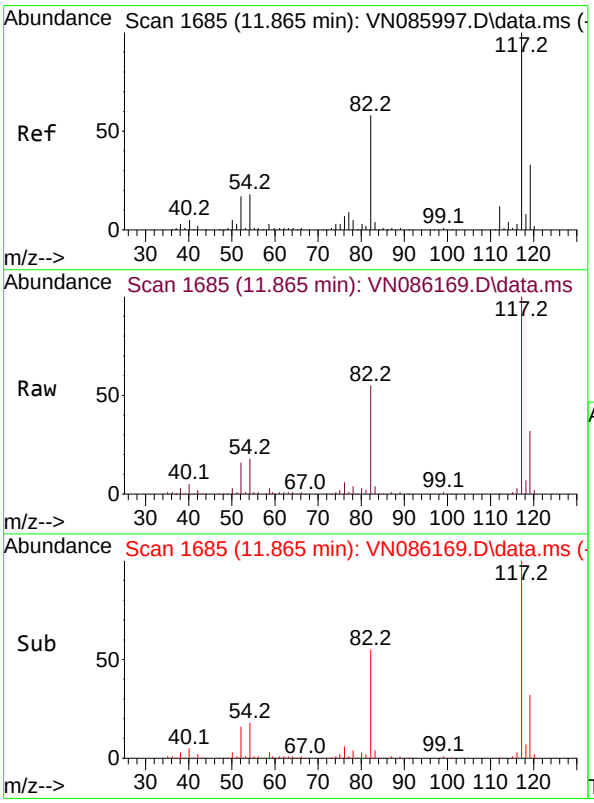

#62
4-Bromofluorobenzene
Concen: 39.894 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Tgt Ion: 95 Resp: 116915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 80.6 | 0.0 | 156.8 |
| 176 | 78.1 | 0.0 | 152.2 |

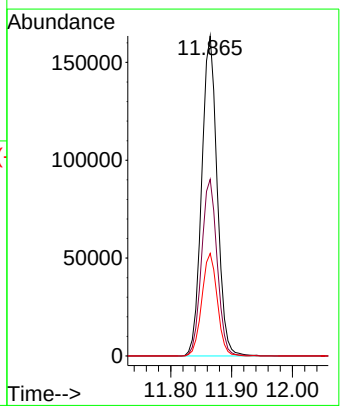


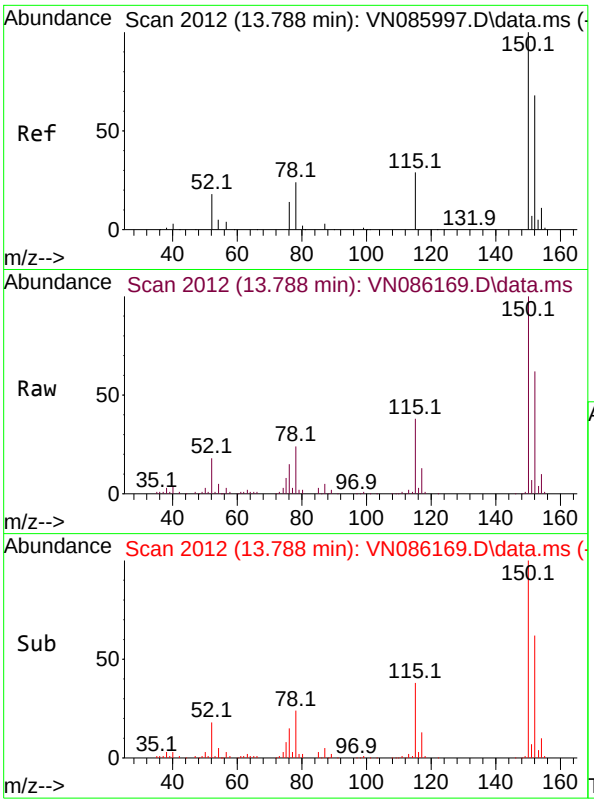




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion:117 Resp: 288485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.2 | 46.7 | 70.1 |
| 119 | 32.0 | 26.5 | 39.7 |



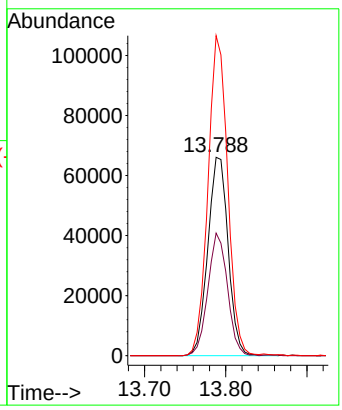


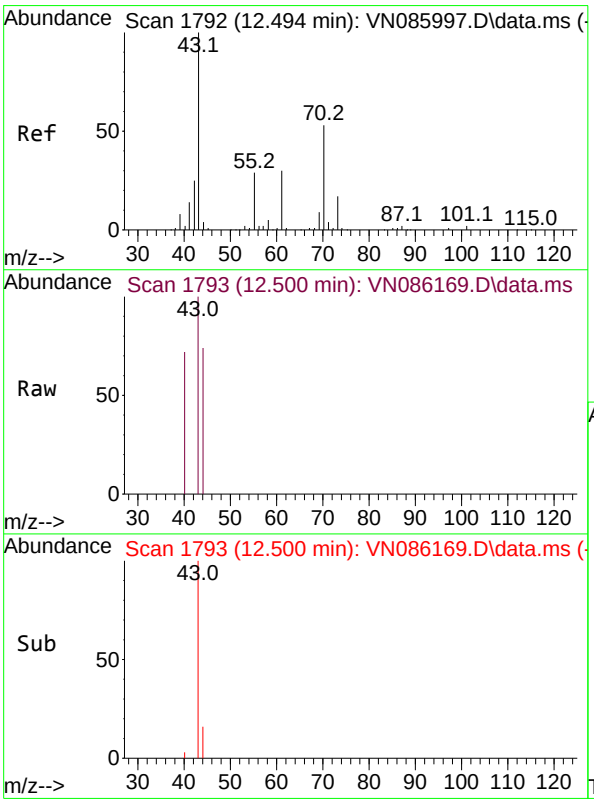

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Tgt Ion:152 Resp: 114979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 59.4 | 31.1 | 93.2 |
| 150 | 155.6 | 0.0 | 359.6 |

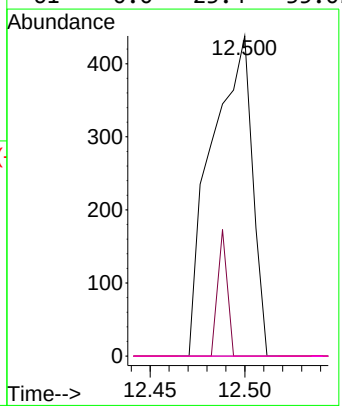


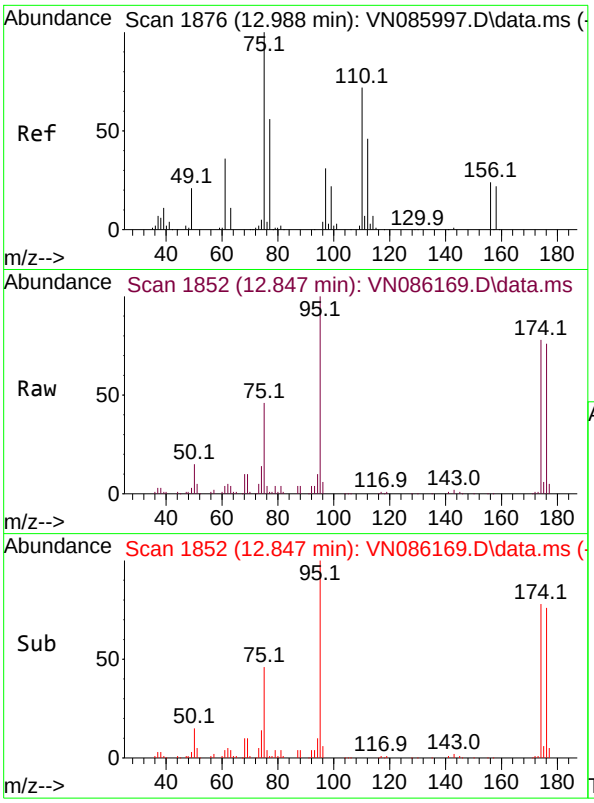




#74
N-amyl acetate
Concen: 0.248 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion: 43 Resp: 652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 9.4 | 43.0 | 64.4# |
| 55 | 0.0 | 23.8 | 35.8# |
| 61 | 0.0 | 23.4 | 35.0# |



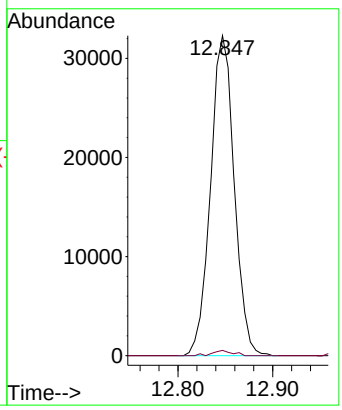


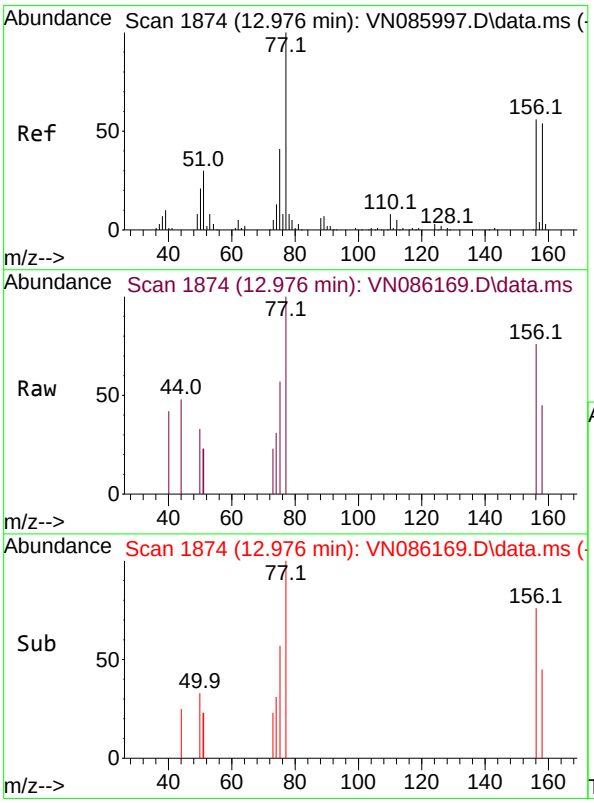

#76
1,2,3-Trichloropropane
Concen: 21.788 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Tgt Ion: 75 Resp: 56087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.4 | 83.7 | 251.0# |

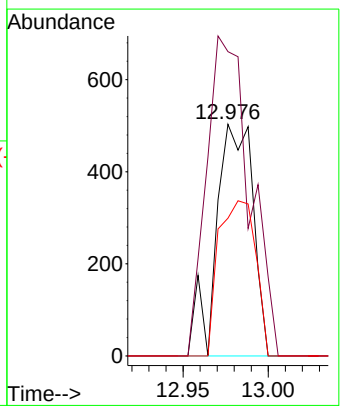


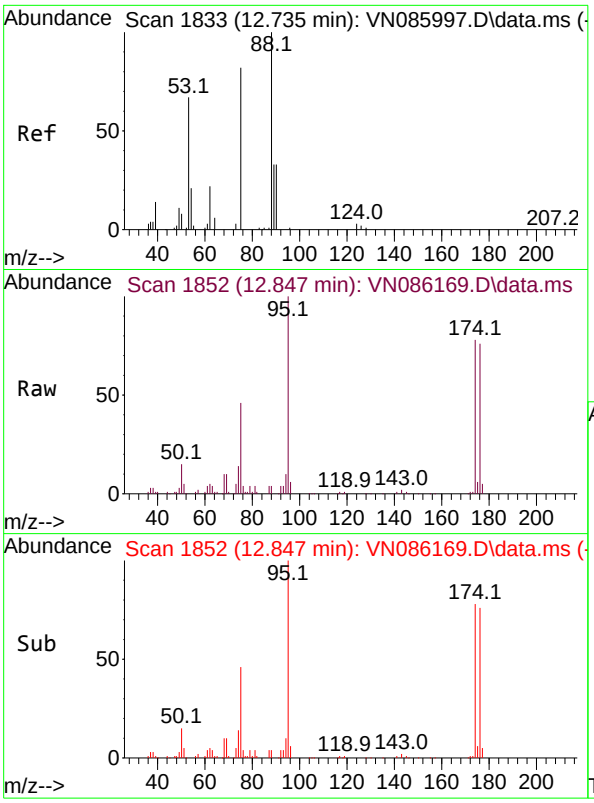




#77
Bromobenzene
Concen: 0.347 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion:156 Resp: 759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 161.4 | 104.1 | 312.3 |
| 158 | 66.7 | 49.0 | 147.0 |



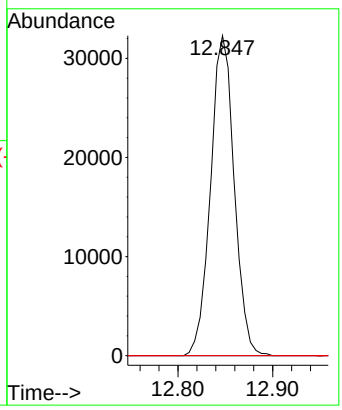


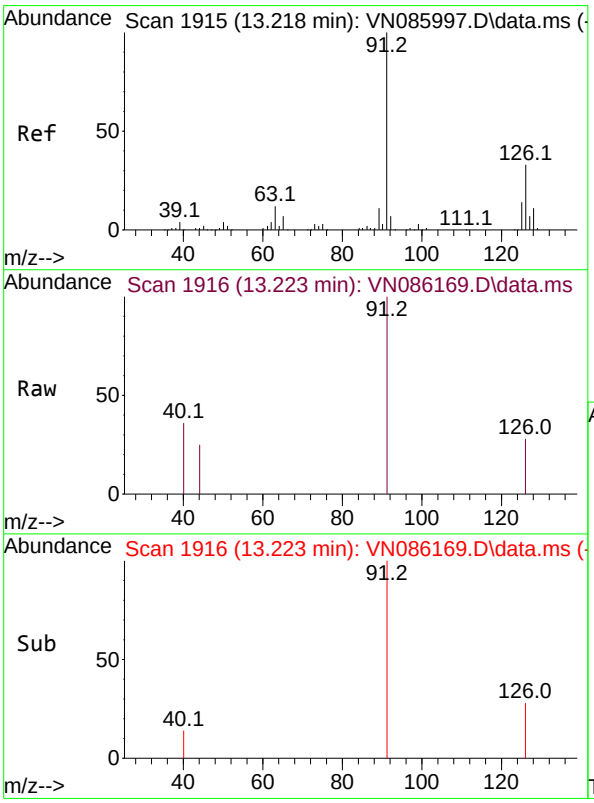

#81
trans-1,4-Dichloro-2-butene
Concen: 57.605 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Tgt Ion: 75 Resp: 56087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 66.0 | 99.0# |
| 89 | 0.0 | 36.9 | 55.3# |

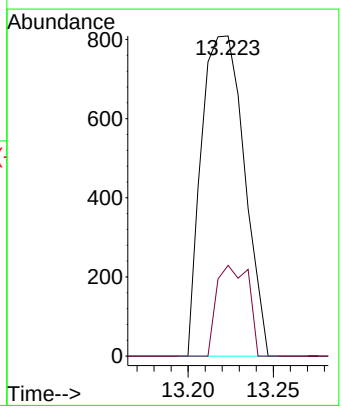


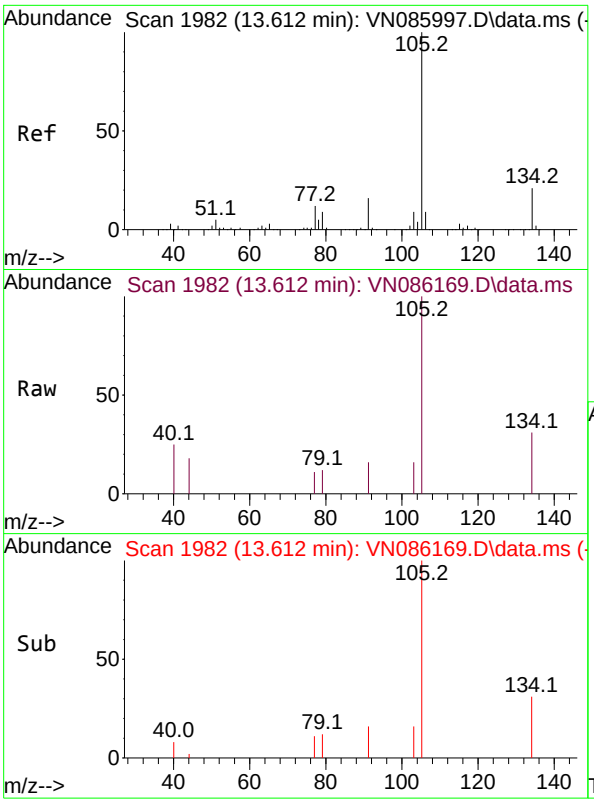




#82
4-Chlorotoluene
Concen: 0.233 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion: 91 Resp: 1414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 21.0 | 16.1 | 48.2 |



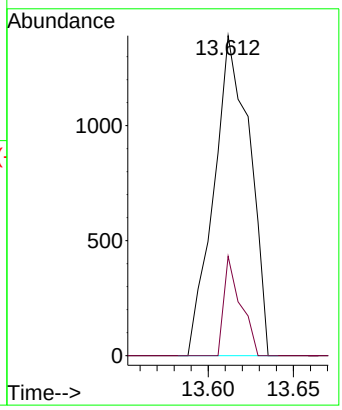


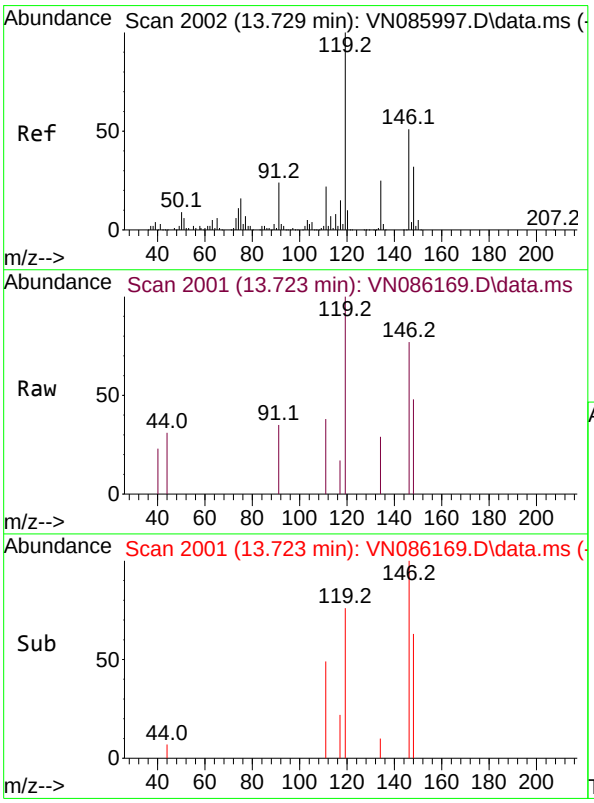

#85
sec-Butylbenzene
Concen: 0.276 ug/l
RT: 13.612 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Tgt Ion:105 Resp: 2044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 14.5 | 10.1 | 30.1 |

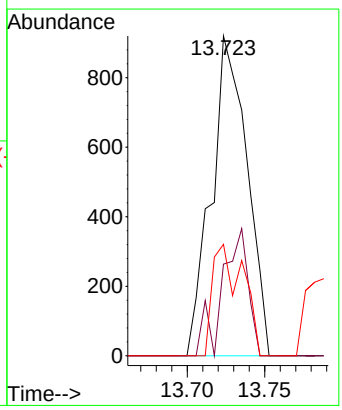


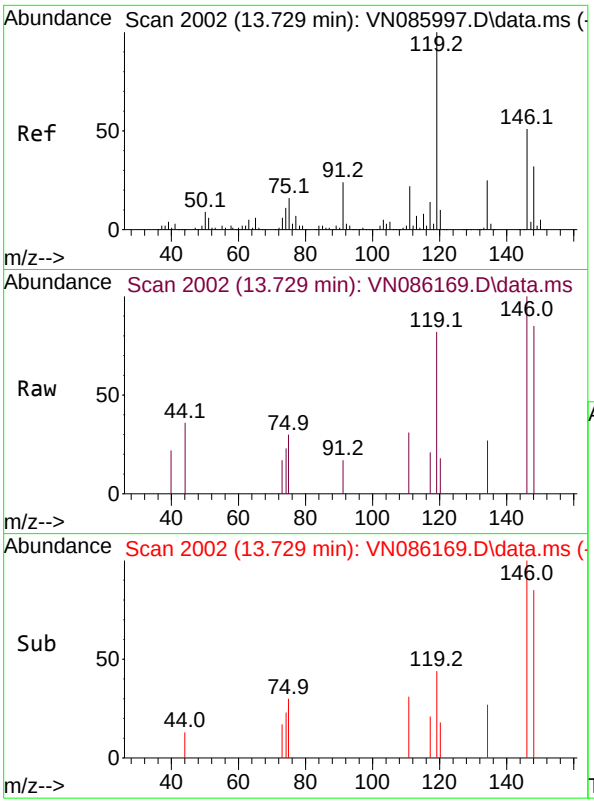




#86
p-Isopropyltoluene
Concen: 0.235 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion:119 Resp: 1473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 29.0 | 12.6 | 37.8 |
| 91 | 29.5 | 12.3 | 36.8 |



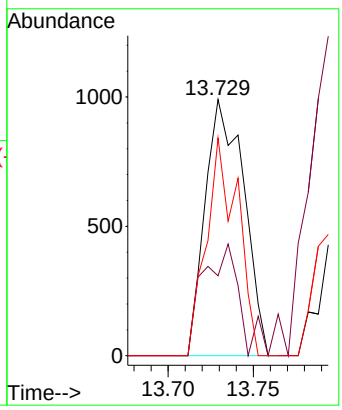


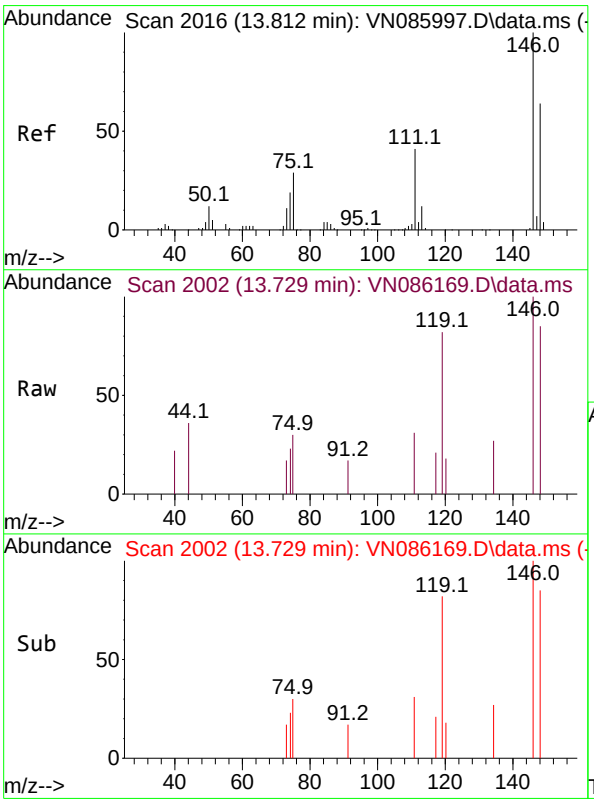

#87
1,3-Dichlorobenzene
Concen: 0.395 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Tgt Ion:146 Resp: 1558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.1 | 21.2 | 63.6 |
| 148 | 68.9 | 31.8 | 95.4 |

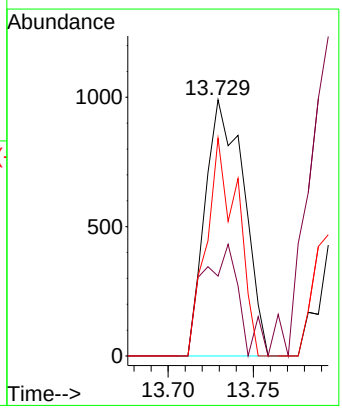


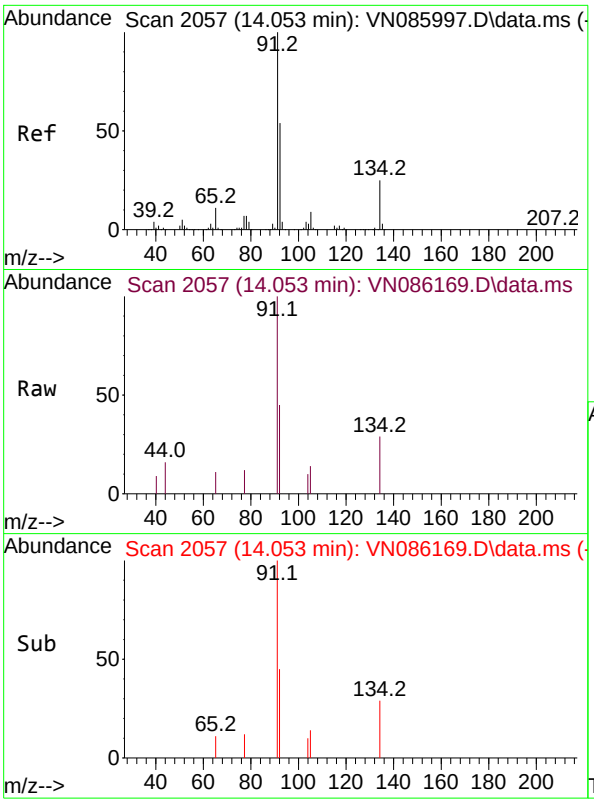




#88
1,4-Dichlorobenzene
Concen: 0.376 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.082 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion:146 Resp: 1558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.1 | 20.4 | 61.3 |
| 148 | 68.9 | 32.1 | 96.5 |



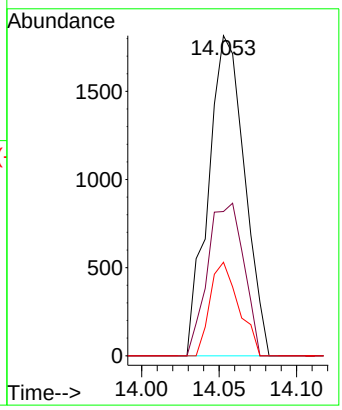


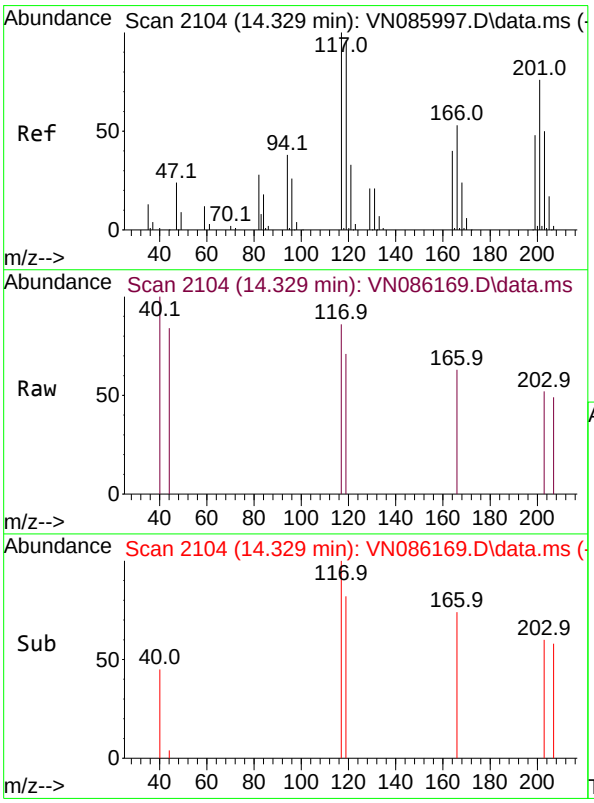

#89
n-Butylbenzene
Concen: 0.579 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Tgt Ion: 91 Resp: 2952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 47.5 | 26.9 | 80.6 |
| 134 | 23.2 | 13.0 | 39.0 |

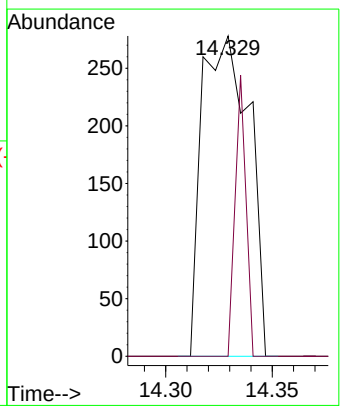


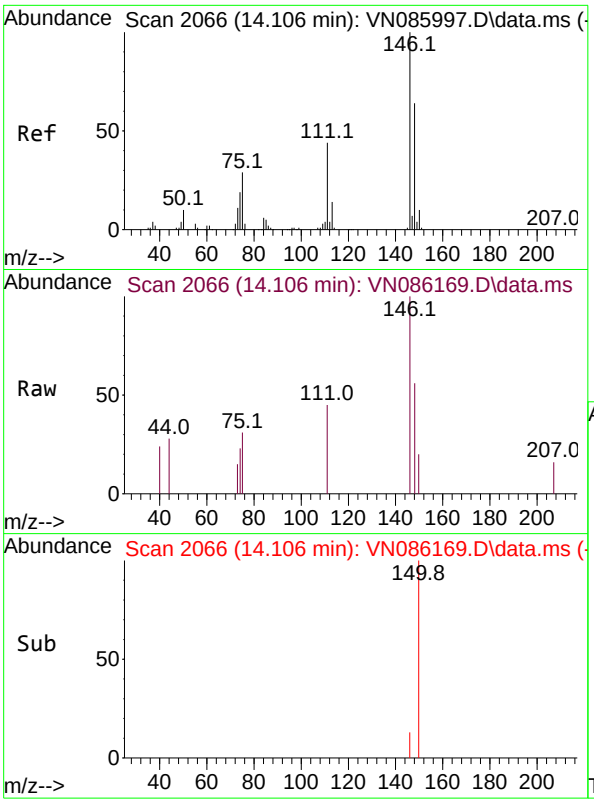




#90
Hexachloroethane
Concen: 0.298 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion:117 Resp: 430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 20.0 | 39.1 | 117.3# |



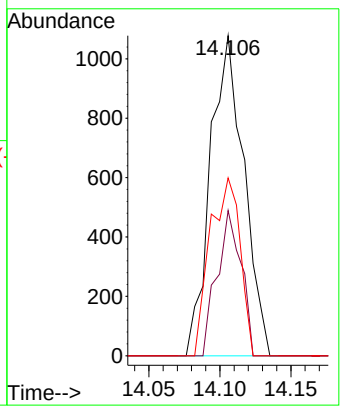


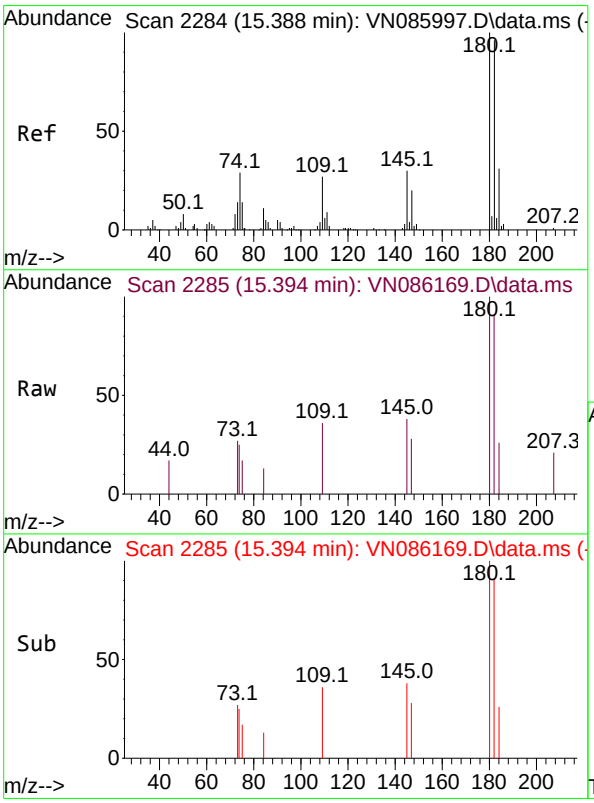

#91
1,2-Dichlorobenzene
Concen: 0.452 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Tgt Ion:146 Resp: 1772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 32.6 | 22.3 | 66.8 |
| 148 | 49.5 | 32.1 | 96.5 |

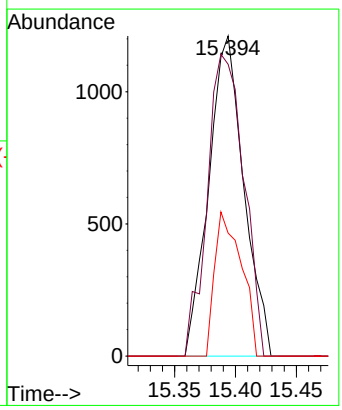


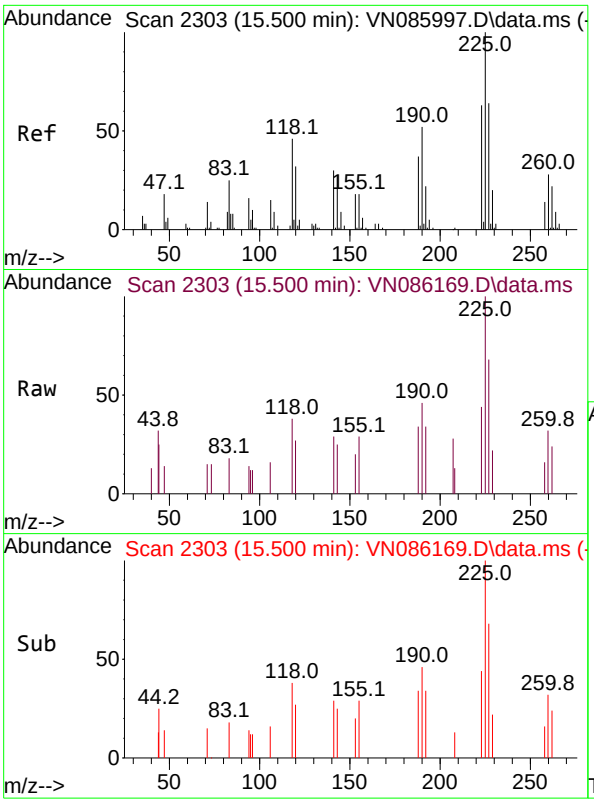




#93
1,2,4-Trichlorobenzene
Concen: 1.232 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion:180 Resp: 2430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 98.3 | 47.0 | 141.0 |
| 145 | 34.1 | 15.5 | 46.5 |



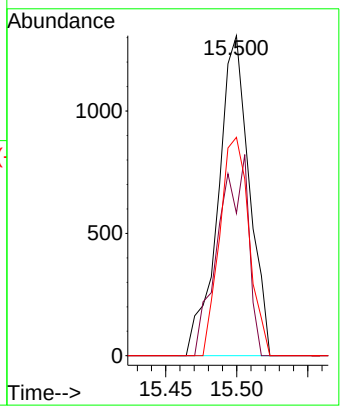


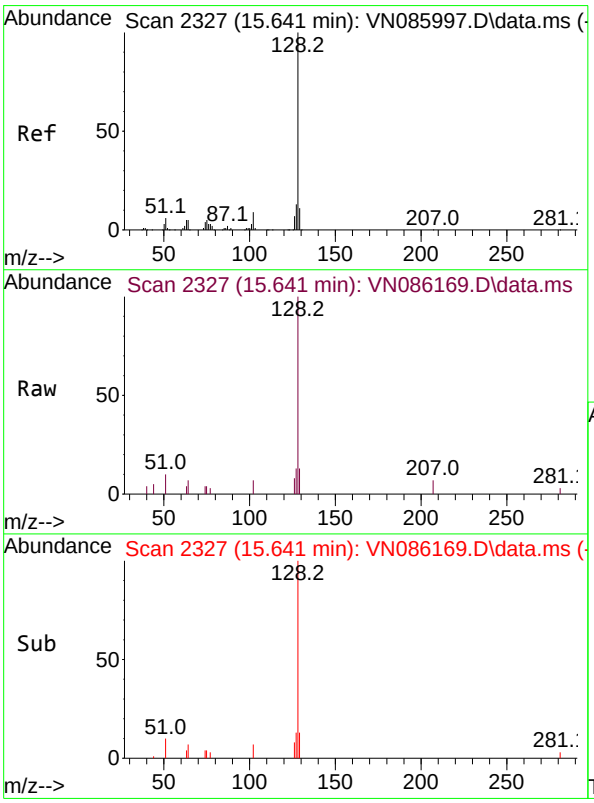

#94
Hexachlorobutadiene
Concen: 1.744 ug/l
RT: 15.500 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Tgt Ion:225 Resp: 1996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 59.9 | 31.3 | 93.9 |
| 227 | 64.0 | 32.1 | 96.3 |

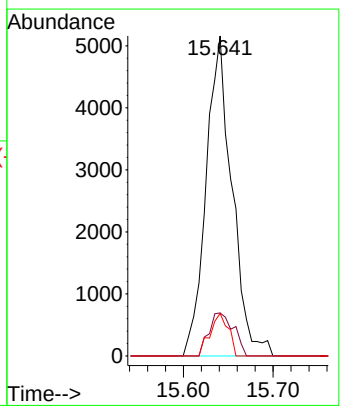


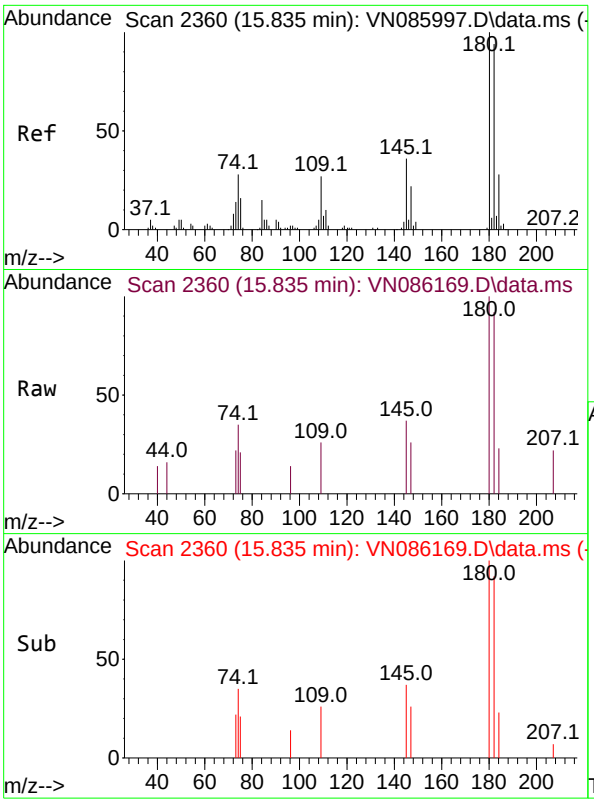




#95
Naphthalene
Concen: 1.811 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion:128 Resp: 10345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.8 | 10.2 | 15.4 |
| 129 | 9.3 | 9.0 | 13.6 |






#96
1,2,3-Trichlorobenzene
Concen: 1.689 ug/l
RT: 15.835 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

**Instrument :**
MSVOA_N
**ClientSampleId :**
VN0331MBL01

Tgt Ion:180 Resp: 3162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 91.7 | 47.5 | 142.5 |
| 145 | 34.1 | 17.7 | 53.1 |