Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042420\
Data File : VX015937.D
Acq On : 24 Apr 2020 17:50
Operator : JC/SP
Sample : L2414-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** Z3-TB9-200422

Quant Time: Apr 25 06:52:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 24 13:17:59 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.64 | 168 | 134910 | 50.00 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.84 | 114 | 251948 | 50.00 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.10 | 117 | 241537 | 50.00 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152 | 117239 | 50.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 6.04 | 65 | 97536 | 51.20 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.40% | | | | |
| 35) Dibromofluoromethane | 5.47 | 113 | 73789 | 53.70 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 107.40% | | | | |
| 50) Toluene-d8 | 8.70 | 98 | 317680 | 54.61 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 109.22% | | | | |
| 62) 4-Bromofluorobenzene | 11.12 | 95 | 130284 | 55.21 | ug/l | | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 110.42% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Chloromethane | 1.31 | 50 | 385 | 0.252 | ug/l | # | 80 |
| 5) Bromomethane | 1.64 | 94 | 296 | 0.420 | ug/l | # | 53 |
| 10) Methyl Iodide | 2.50 | 142 | 321 | 4.985 | ug/l | # | 80 |
| 11) Tert butyl alcohol | 3.01 | 59 | 122 | 0.298 | ug/l | # | 72 |
| 13) Acrolein | 2.28 | 56 | 264 | 1.039 | ug/l | # | 56 |
| 14) Allyl chloride | 2.70 | 41 | 813 | 0.301 | ug/l | # | 58 |
| 15) Acrylonitrile | 3.12 | 53 | 405 | 0.453 | ug/l | | 85 |
| 16) Acetone | 2.42 | 43 | 688 | 0.963 | ug/l | | 95 |
| 17) Carbon Disulfide | 2.56 | 76 | 3628 | 0.565 | ug/l | # | 92 |
| 18) Methyl Acetate | 2.75 | 43 | 675 | 0.312 | ug/l | # | 54 |
| 21) trans-1,2-Dichloroethene | 3.14 | 96 | 757 | 0.444 | ug/l | # | 66 |
| 23) Vinyl Acetate | 3.79 | 43 | 892 | 0.205 | ug/l | # | 69 |
| 25) 2-Butanone | 4.66 | 43 | 514 | 0.442 | ug/l | # | 47 |
| 27) cis-1,2-Dichloroethene | 4.57 | 96 | 597 | 0.308 | ug/l | | 22 |
| 29) Tetrahydrofuran | 5.12 | 42 | 264 | 0.344 | ug/l | # | 29 |
| 38) Carbon Tetrachloride | 5.64 | 117 | 14464 | 6.583 | ug/l | # | 15 |
| 51) 4-Methyl-2-Pentanone | 8.62 | 43 | 861 | 0.371 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 8.29 | 63 | 570 | 0.402 | ug/l | | 95 |
| 59) 2-Hexanone | 9.48 | 43 | 724 | 0.410 | ug/l | | 89 |
| 68) m/p-Xylenes | 10.35 | 106 | 894 | 0.276 | ug/l | | 93 |
| 74) N-amyl acetate | 10.88 | 43 | 814 | 0.215 | ug/l | # | 66 |
| 76) 1,2,3-Trichloropropane | 11.12 | 75 | 64935 | 25.821 | ug/l | # | 34 |
| 78) n-propylbenzene | 11.35 | 91 | 2410 | 0.234 | ug/l | | 98 |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75 | 64935 | 58.163 | ug/l | # | 14 |
| 82) 4-Chlorotoluene | 11.50 | 91 | 1600 | 0.221 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 12.05 | 119 | 1706 | 0.219 | ug/l | # | 68 |
| 87) 1,3-Dichlorobenzene | 12.01 | 146 | 1007 | 0.277 | ug/l | | 96 |
| 88) 1,4-Dichlorobenzene | 12.01 | 146 | 1007 | 0.269 | ug/l | | 98 |
| 89) n-Butylbenzene | 12.37 | 91 | 2366 | 0.323 | ug/l | | 99 |
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180 | 948 | 0.416 | ug/l | | 95 |
| 94) Hexachlorobutadiene | 13.76 | 225 | 364 | 0.451 | ug/l | | 85 |
| 95) Naphthalene | 13.82 | 128 | 3116 | 0.376 | ug/l | | 99 |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180 | 1002 | 0.465 | ug/l | | 93 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042420\
Data File : VX015937.D
Acq On : 24 Apr 2020 17:50
Operator : JC/SP
Sample : L2414-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** Z3-TB9-200422

Quant Time: Apr 25 06:52:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 24 13:17:59 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

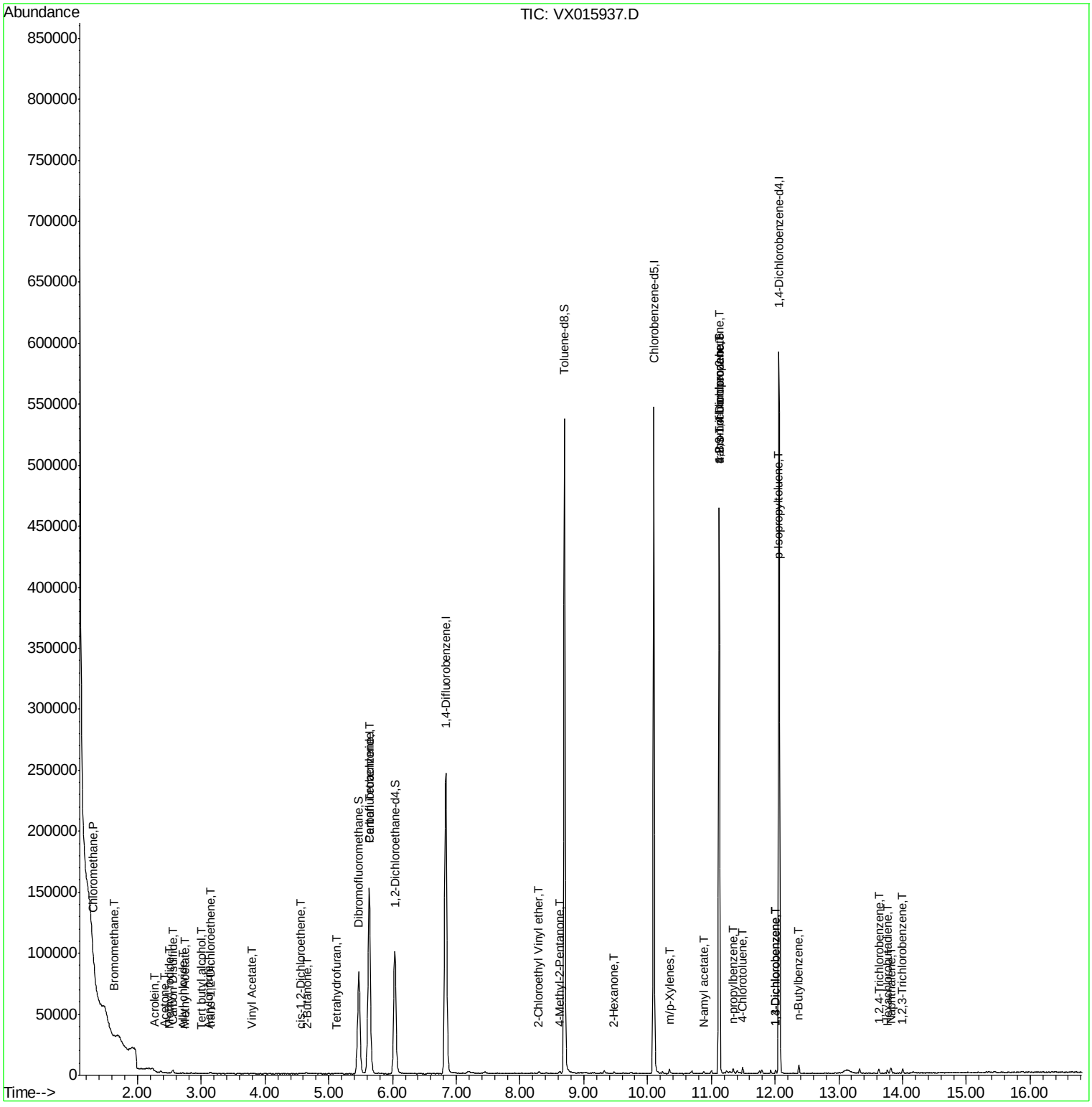
(#) = qualifier out of range (m) = manual integration (+) = signals summed

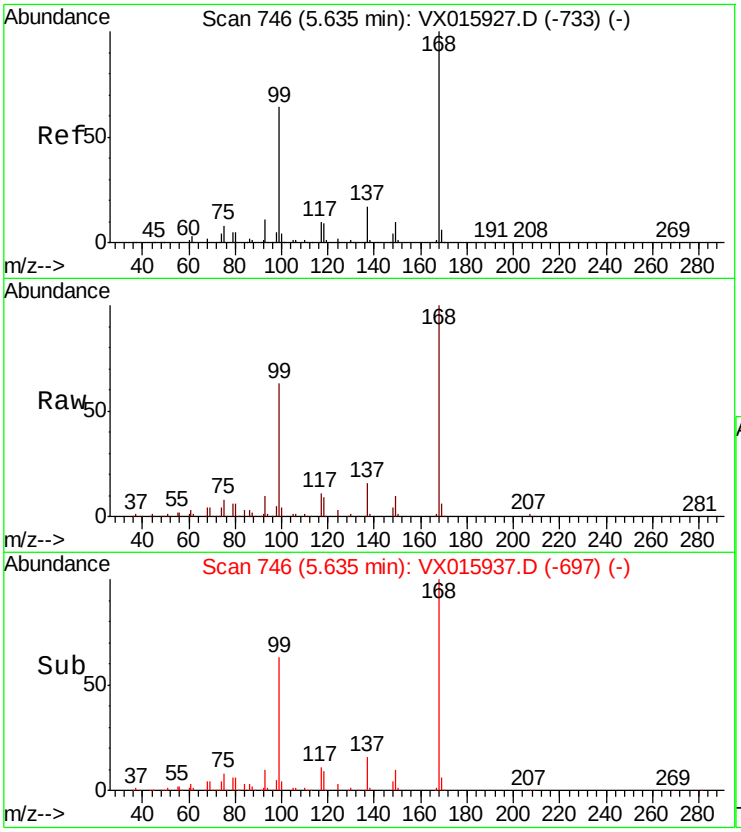
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042420\
Data File : VX015937.D
Acq On : 24 Apr 2020 17:50
Operator : JC/SP
Sample : L2414-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-TB9-200422

Quant Time: Apr 25 06:52:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 24 13:17:59 2020
Response via : Initial Calibration



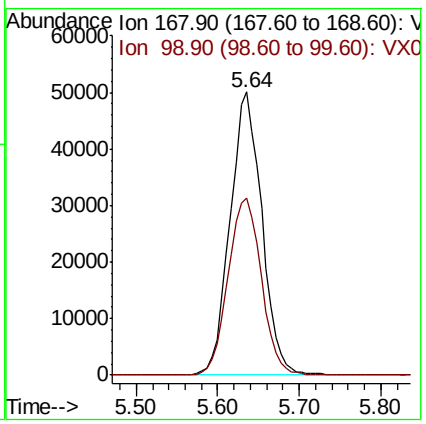


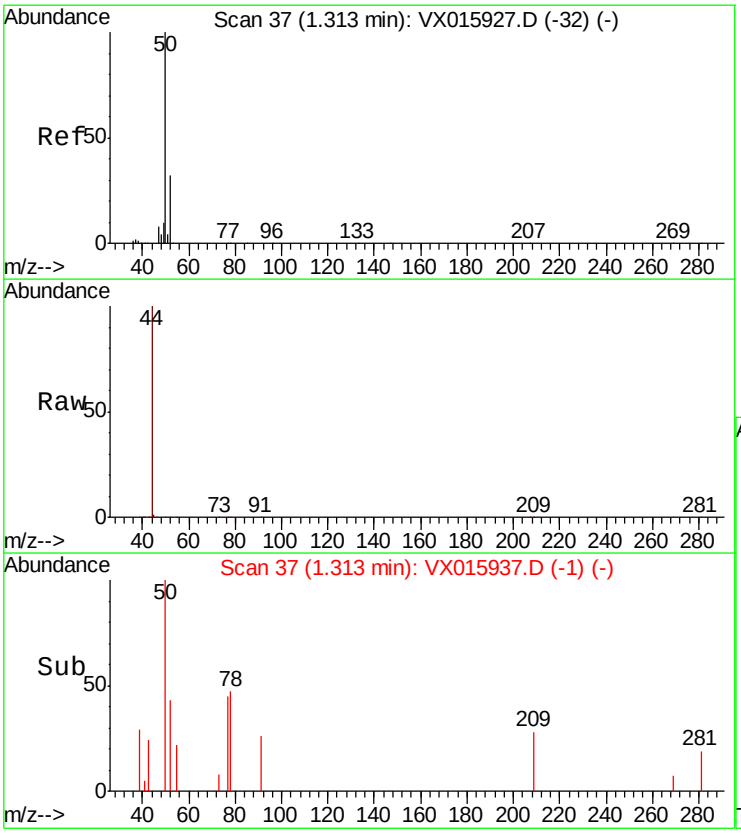

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.00 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-TB9-200422

Tgt Ion:168 Resp: 134910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 62.5 | 51.2 | 76.8 |

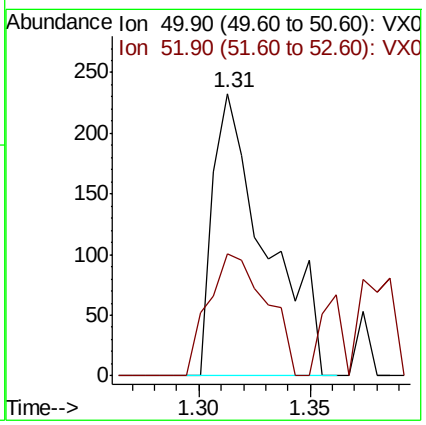


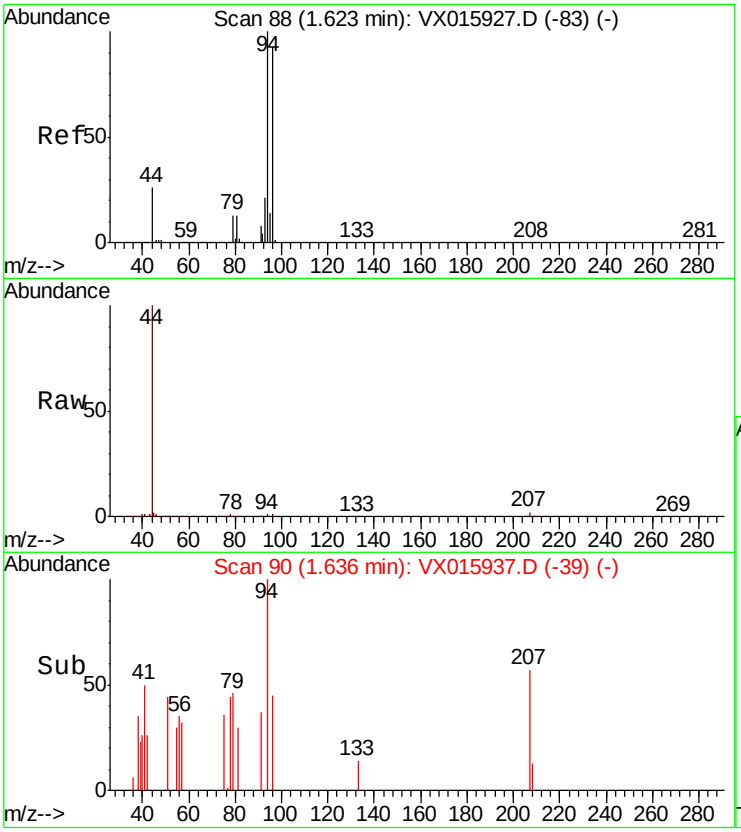




#3
Chloromethane
Concen: 0.252 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

Tgt Ion: 50 Resp: 385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 43.3 | 25.9 | 38.9# |



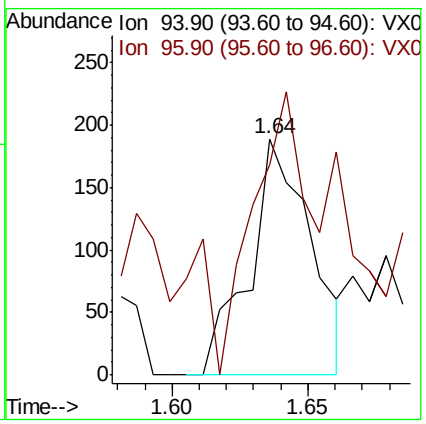


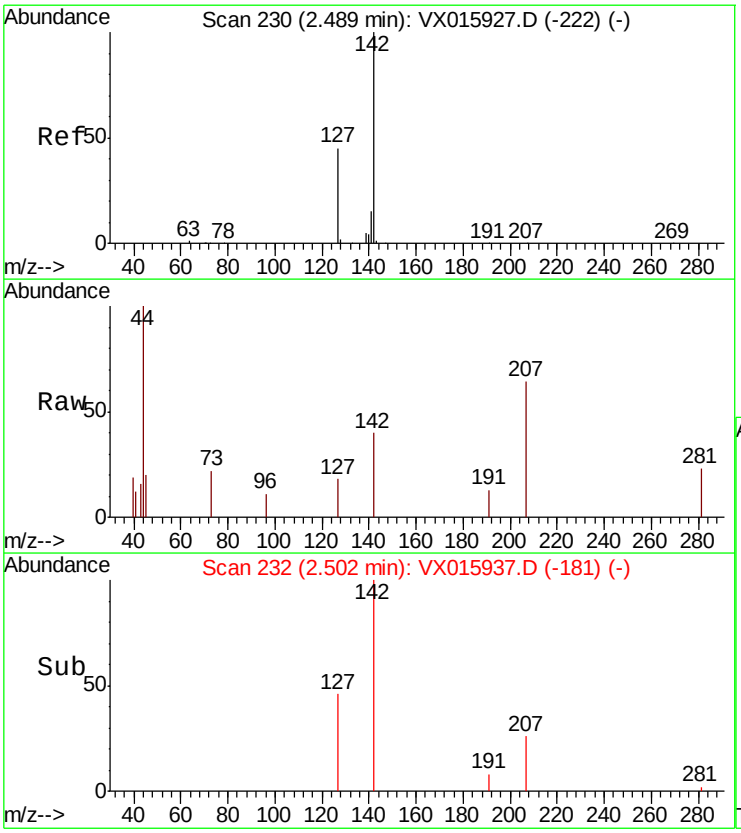

#5
Bromomethane
Concen: 0.420 ug/l
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-TB9-200422

Tgt Ion: 94 Resp: 296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 48.1 | 74.8 | 112.2# |

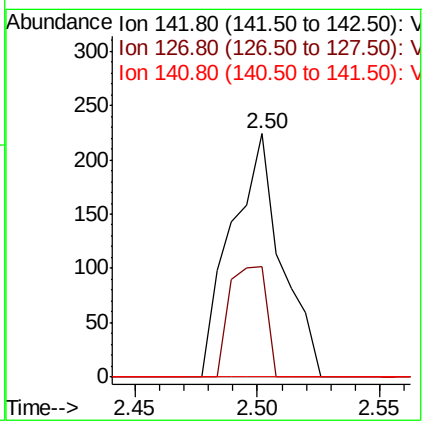


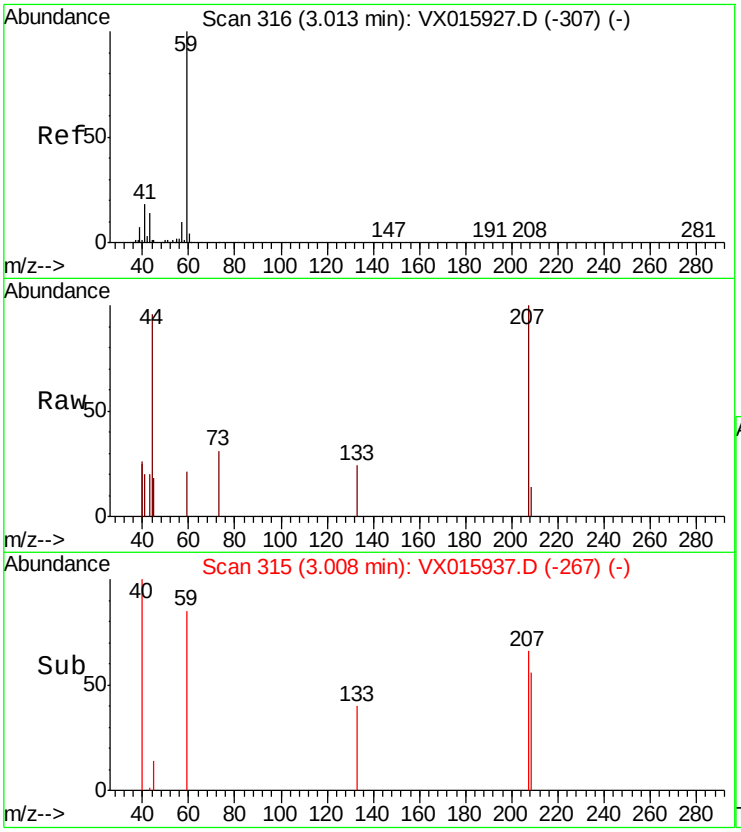




#10
Methyl Iodide
Concen: 4.985 ug/l
RT: 2.50 min Scan# 232
Delta R.T. 0.01 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

Tgt Ion:142 Resp: 321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 33.3 | 34.4 | 51.6# |
| 141 | 0.0 | 11.5 | 17.3# |



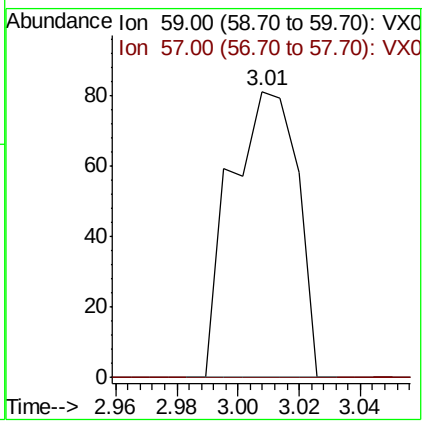


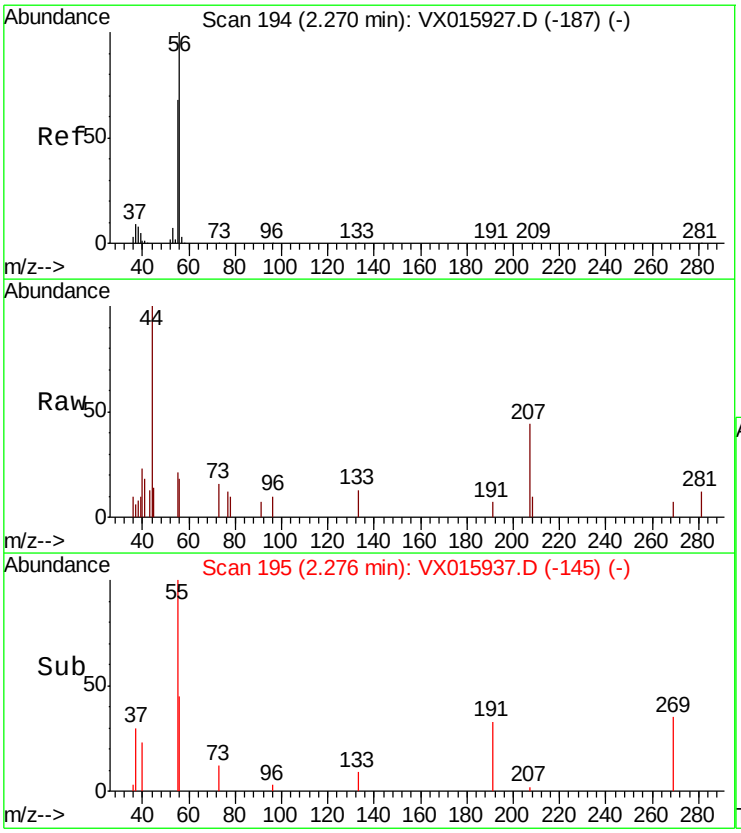

#11
Tert butyl alcohol
Concen: 0.298 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

**Instrument :** MSVOA_X
**ClientSampleId :** Z3-TB9-200422

Tgt Ion: 59 Resp: 122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.4 | 12.6# |

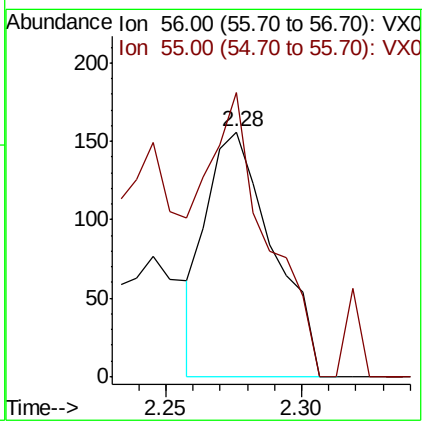


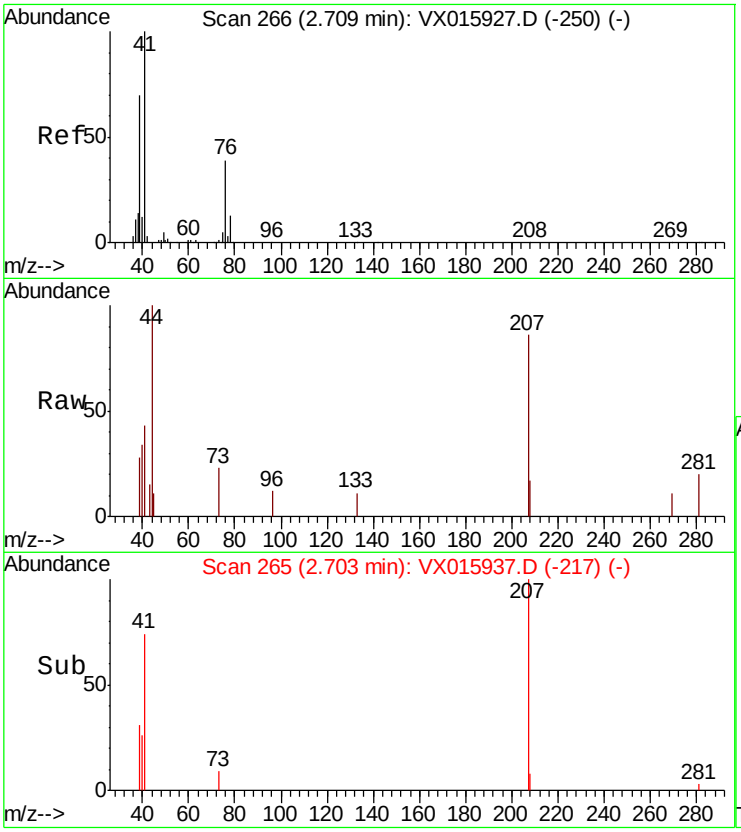




#13
Acrolein
Concen: 1.039 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

Tgt Ion: 56 Resp: 264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 106.4 | 56.0 | 84.0# |



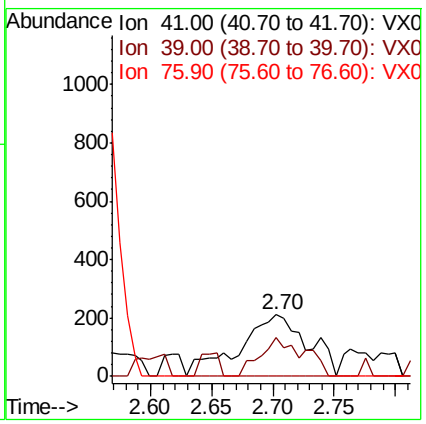


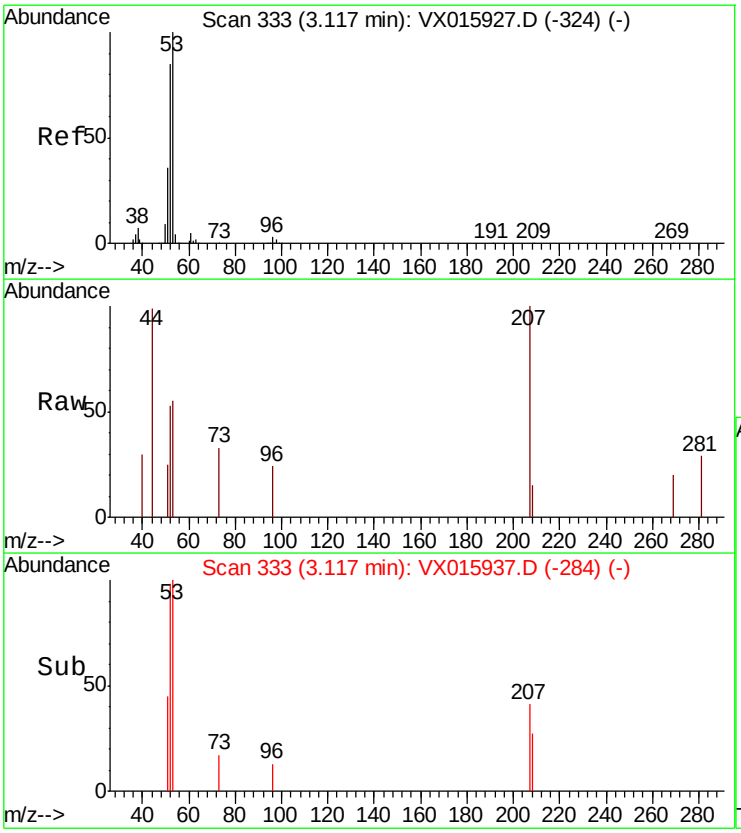

#14
Allyl chloride
Concen: 0.301 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

**Instrument :** MSVOA_X
**ClientSampleId :** Z3-TB9-200422

Tgt Ion: 41 Resp: 813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 40.8 | 51.6 | 77.4# |
| 76 | 0.0 | 29.3 | 43.9# |

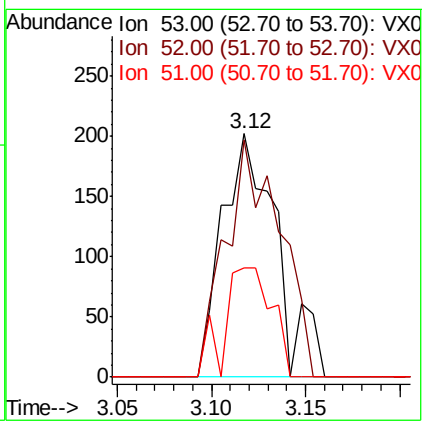


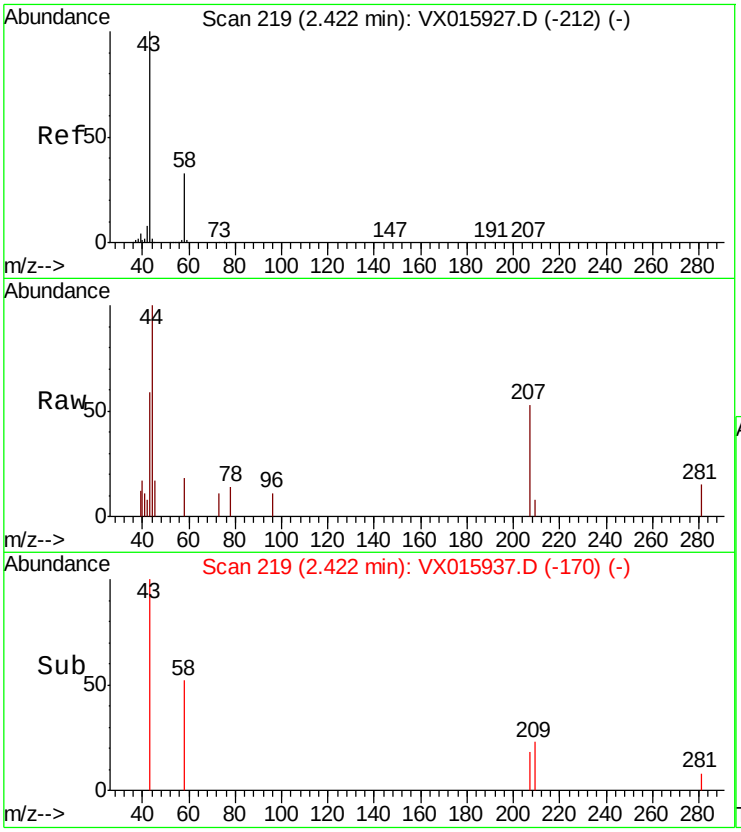




#15
Acrylonitrile
Concen: 0.453 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

Tgt Ion: 53 Resp: 405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 98.0 | 65.5 | 98.3 |
| 51 | 39.5 | 28.2 | 42.2 |



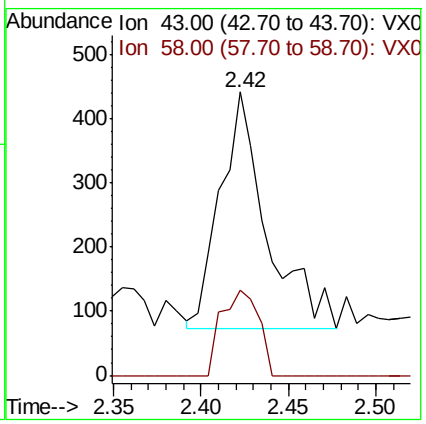


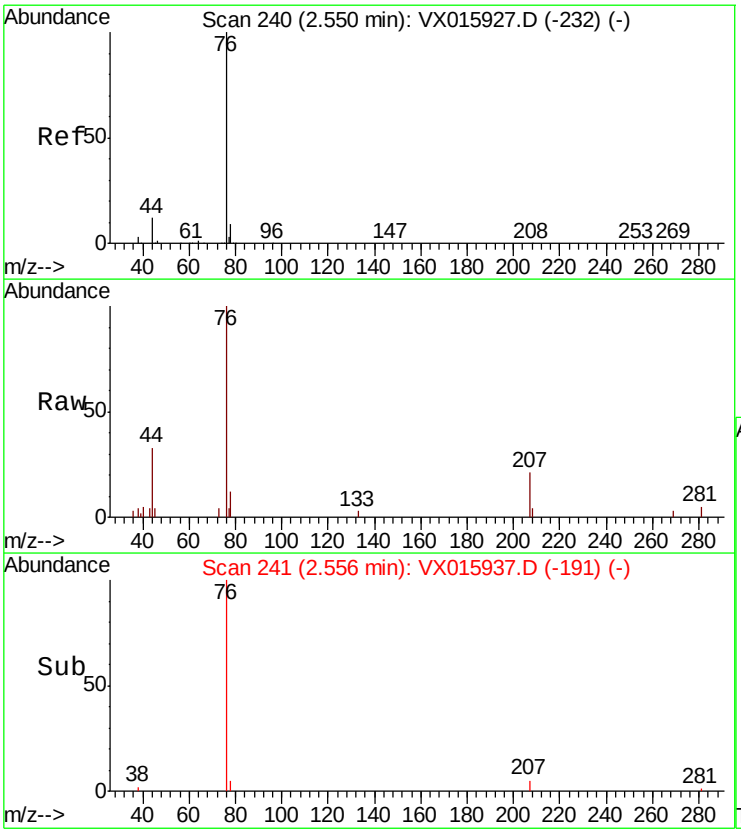

#16
Acetone
Concen: 0.963 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-TB9-200422

Tgt Ion: 43 Resp: 688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.7 | 26.4 | 39.6 |

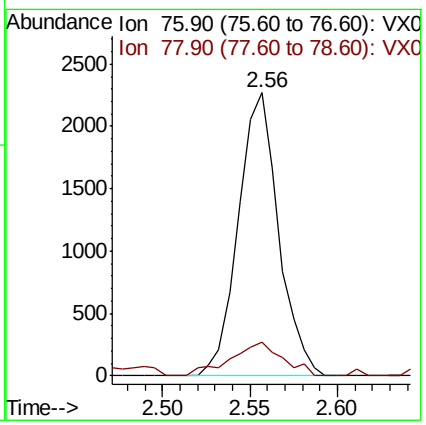


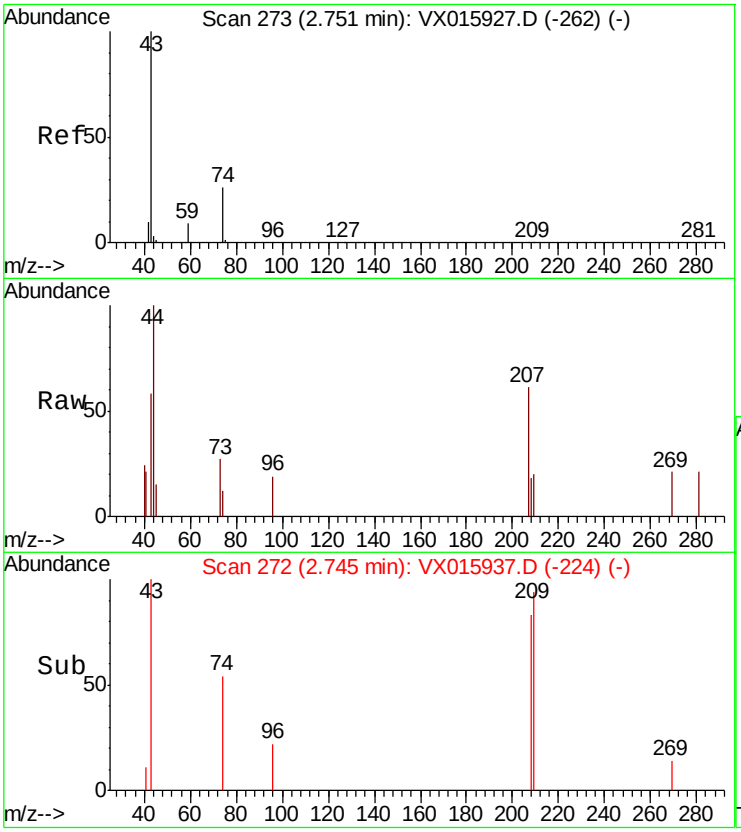




#17
Carbon Disulfide
Concen: 0.565 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

Tgt Ion: 76 Resp: 3628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 12.0 | 7.4 | 11.2# |



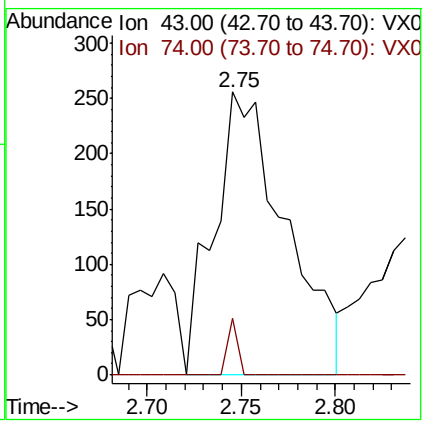


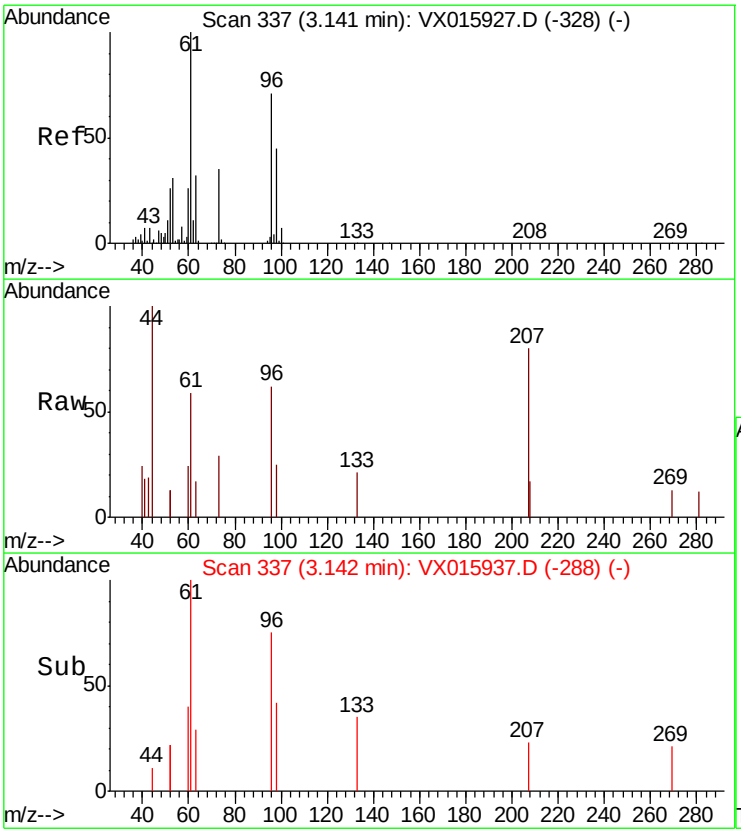

#18
Methyl Acetate
Concen: 0.312 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

**Instrument :** MSVOA_X
**ClientSampleId :** Z3-TB9-200422

Tgt Ion: 43 Resp: 675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 2.8 | 21.0 | 31.4# |

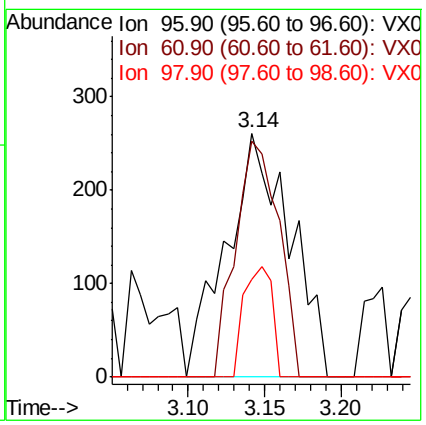


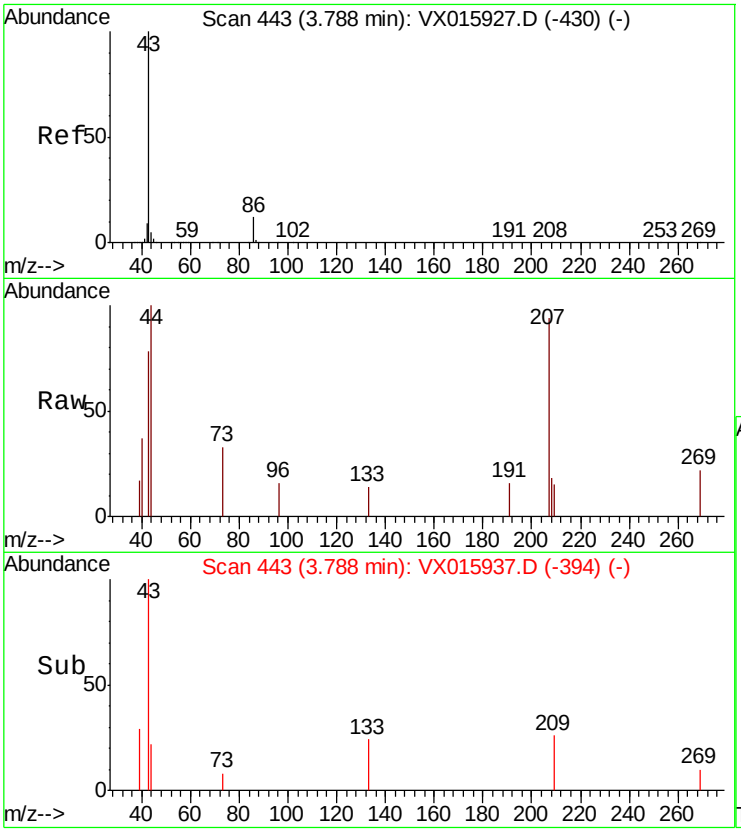




#21
trans-1,2-Dichloroethene
Concen: 0.444 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

Tgt Ion: 96 Resp: 757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 96.6 | 112.7 | 169.1# |
| 98 | 40.2 | 51.0 | 76.4# |



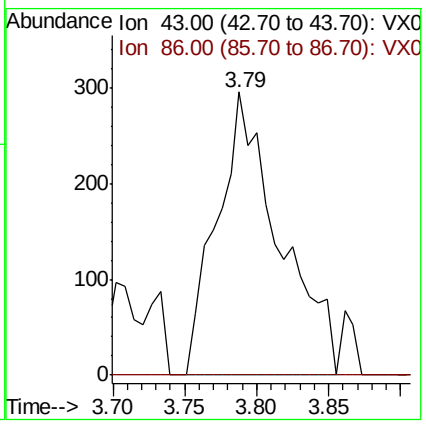


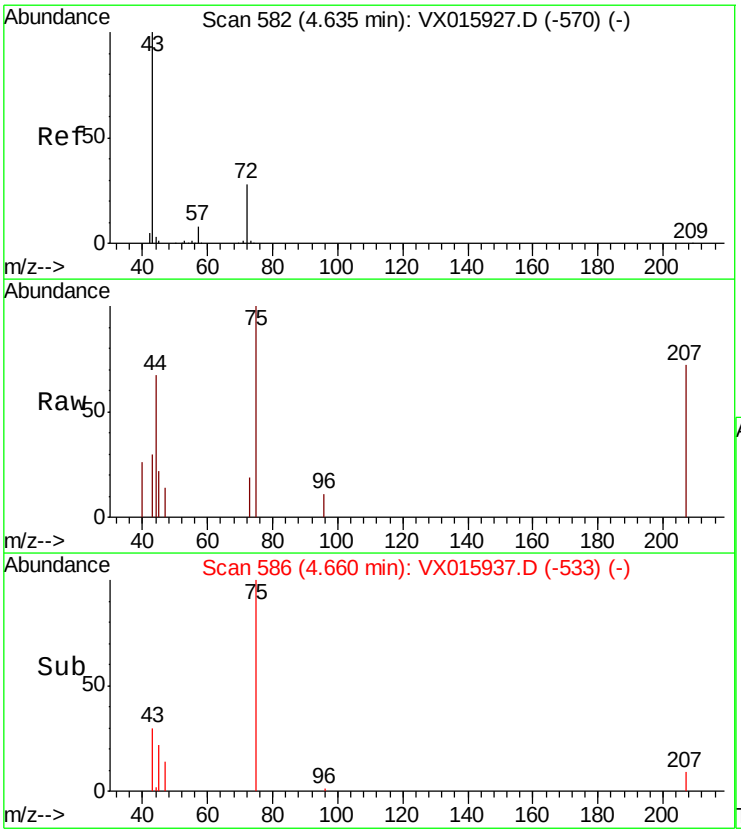

#23
Vinyl Acetate
Concen: 0.205 ug/l
RT: 3.79 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

**Instrument :** MSVOA_X
**ClientSampleId :** Z3-TB9-200422

Tgt Ion: 43 Resp: 892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 0.0 | 9.4 | 14.2# |

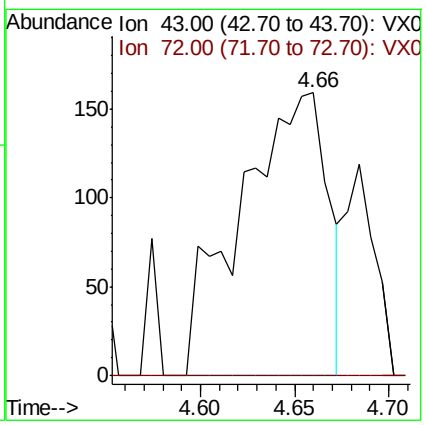


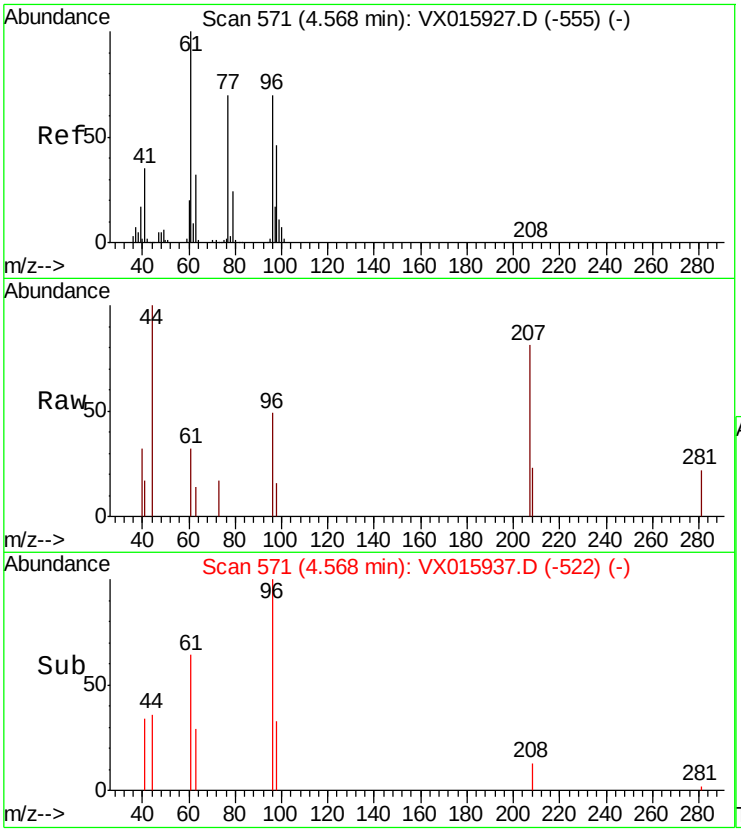




#25
2-Butanone
Concen: 0.442 ug/l
RT: 4.66 min Scan# 586
Delta R.T. 0.02 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

Tgt Ion: 43 Resp: 514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 22.4 | 33.6# |



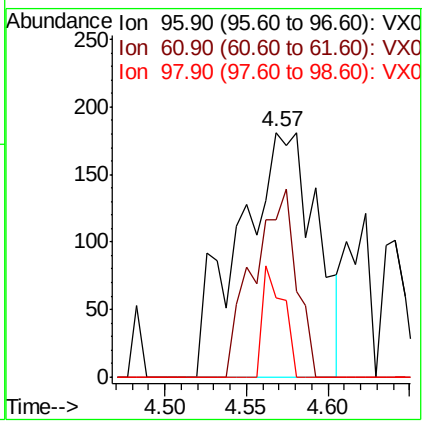


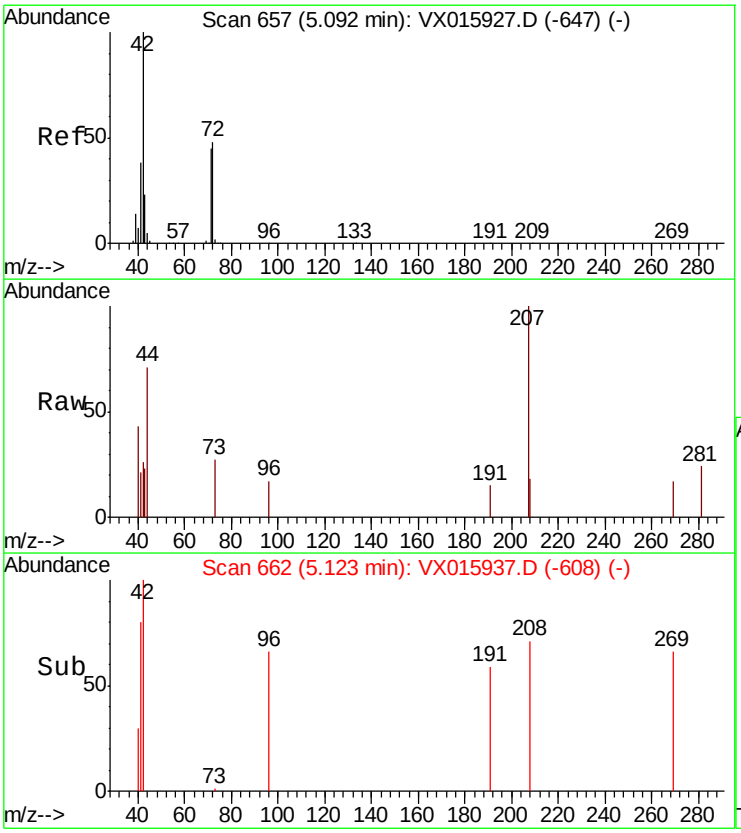

#27
cis-1,2-Dichloroethene
Concen: 0.308 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-TB9-200422

Tgt Ion: 96 Resp: 597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 42.4 | 0.0 | 293.4 |
| 98 | 12.1 | 0.0 | 129.0 |

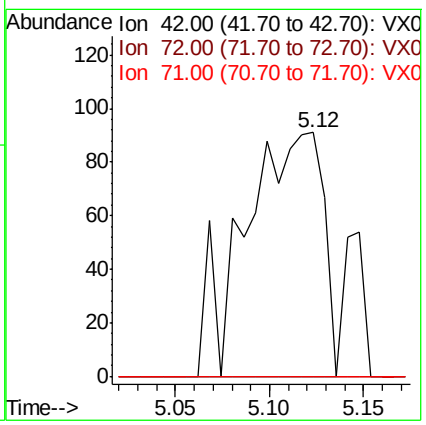


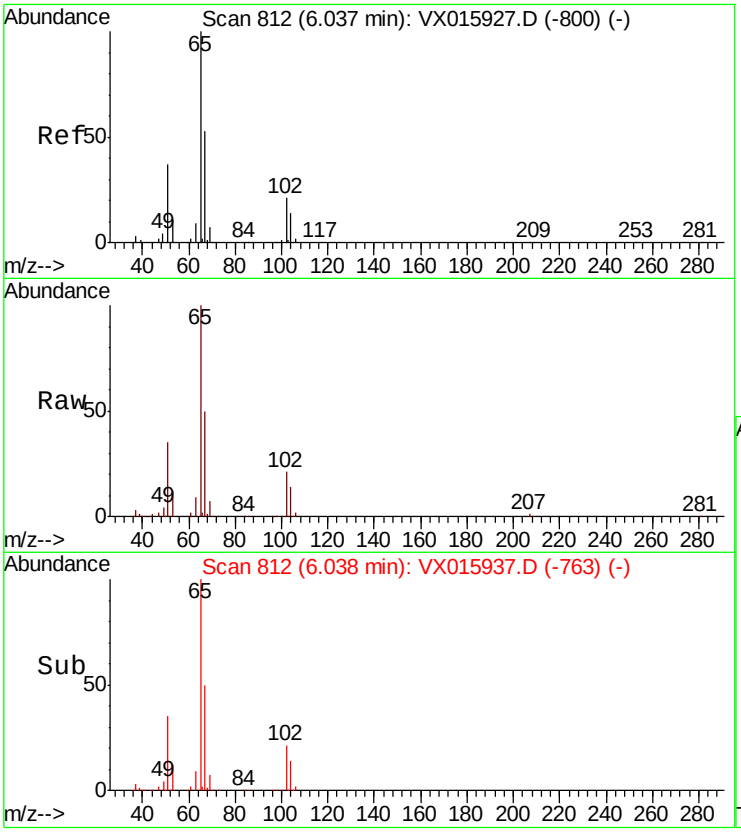




#29
Tetrahydrofuran
Concen: 0.344 ug/l
RT: 5.12 min Scan# 662
Delta R.T. 0.03 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

Tgt Ion: 42 Resp: 264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 0.0 | 39.5 | 59.3# |
| 71 | 0.0 | 36.4 | 54.6# |



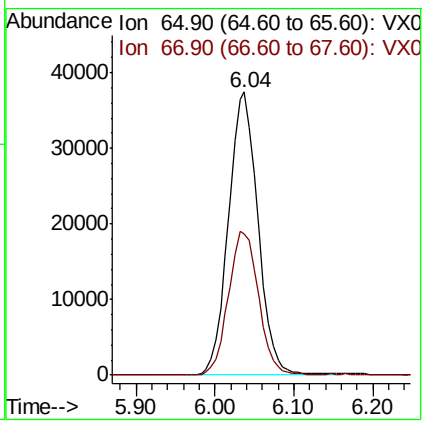


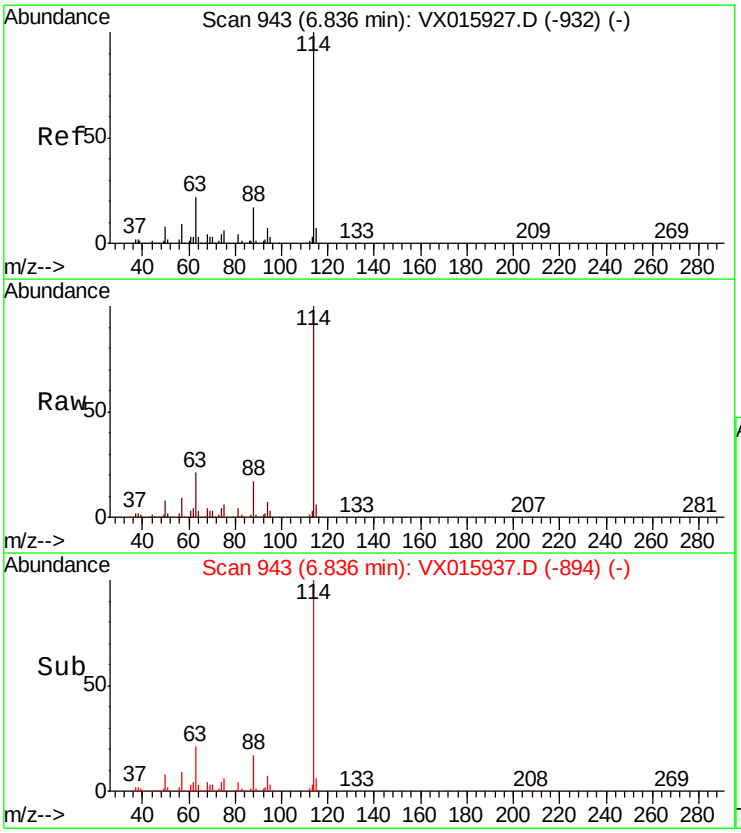

#33
1,2-Dichloroethane-d4
Concen: 51.201 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.00 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

**Instrument :** MSVOA_X
**ClientSampleId :** Z3-TB9-200422

Tgt Ion: 65 Resp: 97536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.8 | 0.0 | 106.6 |

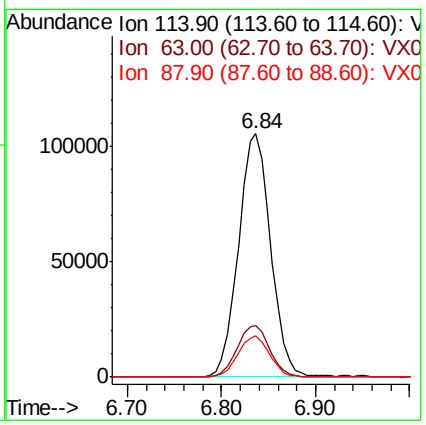


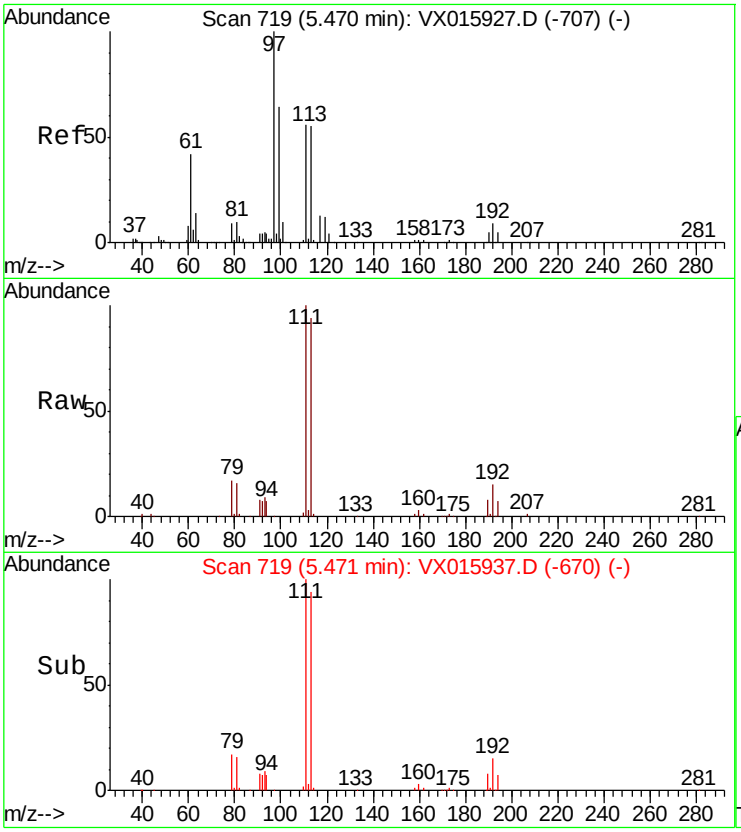




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.00 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

Tgt Ion:114 Resp: 251948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.4 | 0.0 | 44.4 |
| 88 | 16.8 | 0.0 | 34.2 |



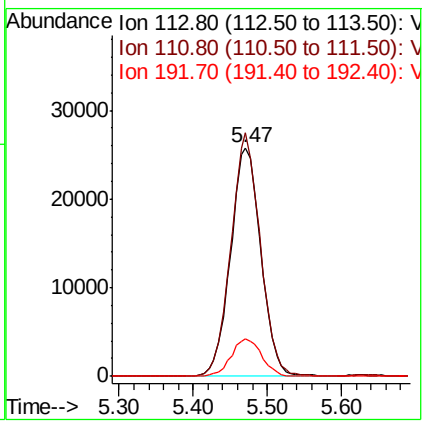


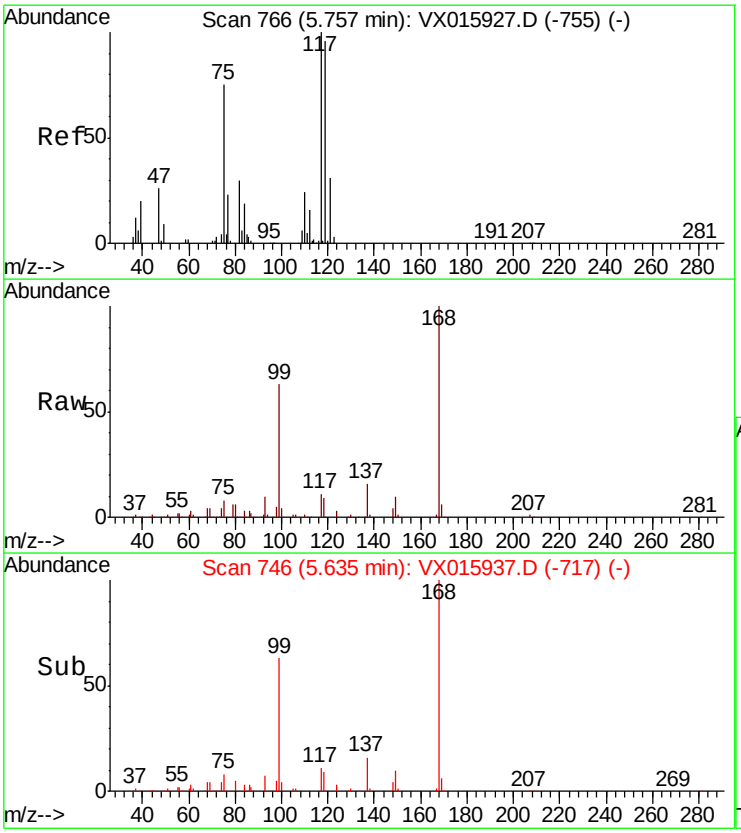

#35
Dibromofluoromethane
Concen: 53.700 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-TB9-200422

Tgt Ion:113 Resp: 73789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.6 | 81.2 | 121.8 |
| 192 | 16.4 | 13.6 | 20.4 |

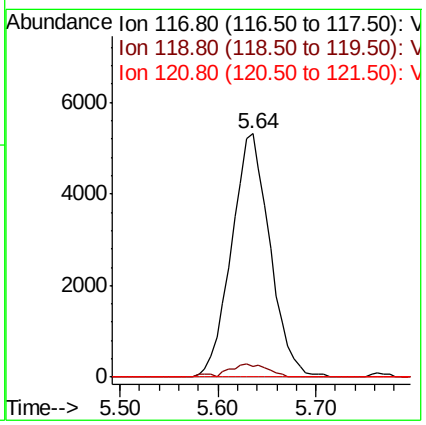


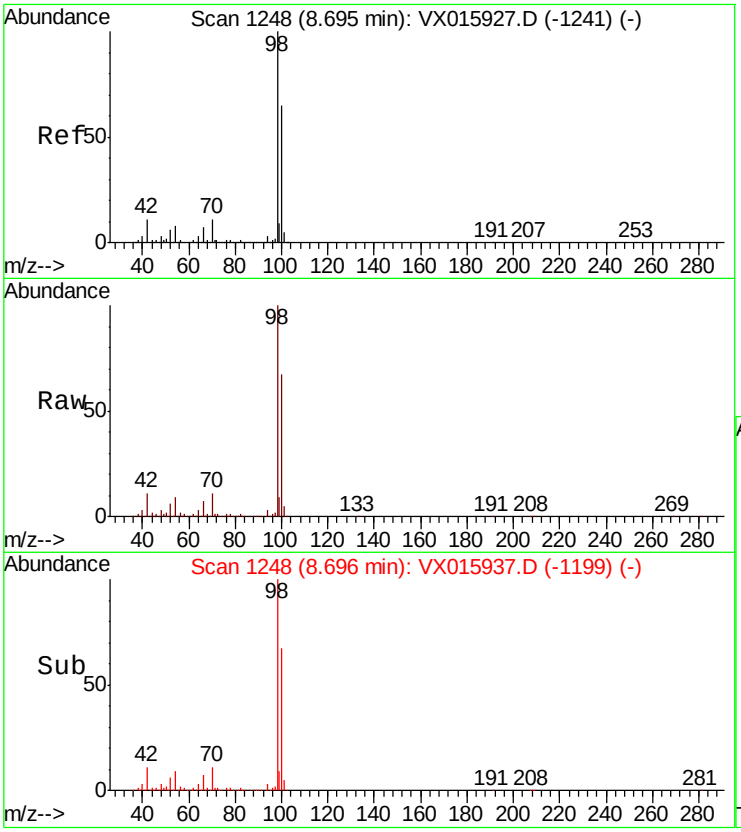




#38
Carbon Tetrachloride
Concen: 6.583 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

Tgt Ion:117 Resp: 14464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.1 | 77.0 | 115.6# |
| 121 | 0.0 | 25.0 | 37.4# |



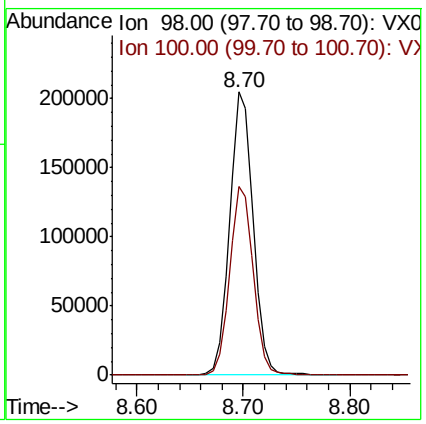


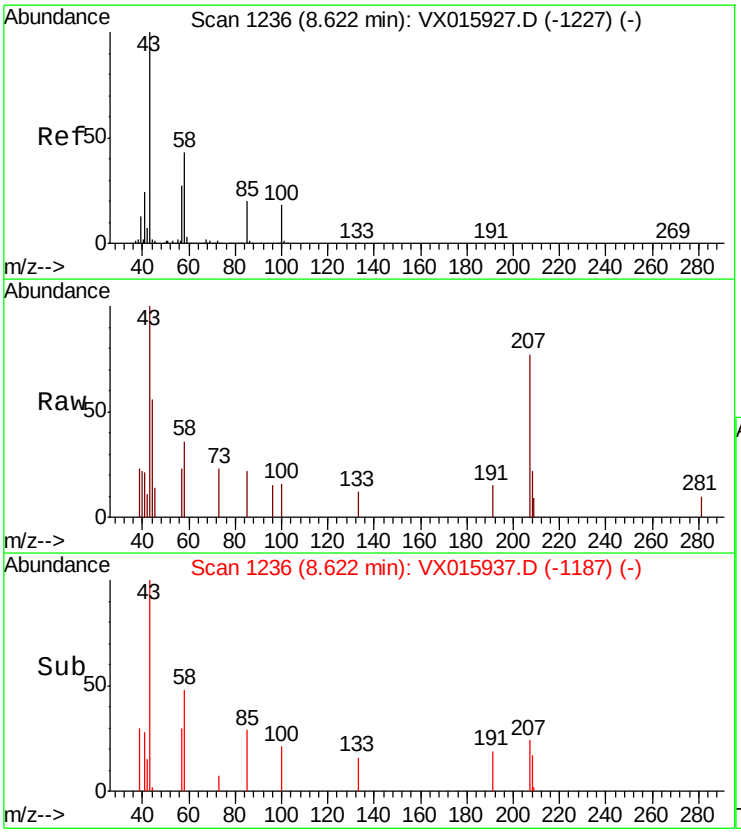

#50
Toluene-d8
Concen: 54.608 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-TB9-200422

Tgt Ion: 98 Resp: 317680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.0 | 53.0 | 79.4 |

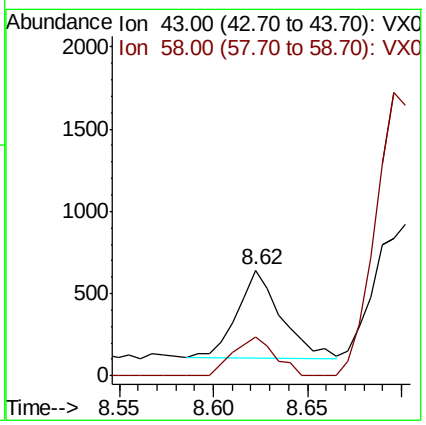


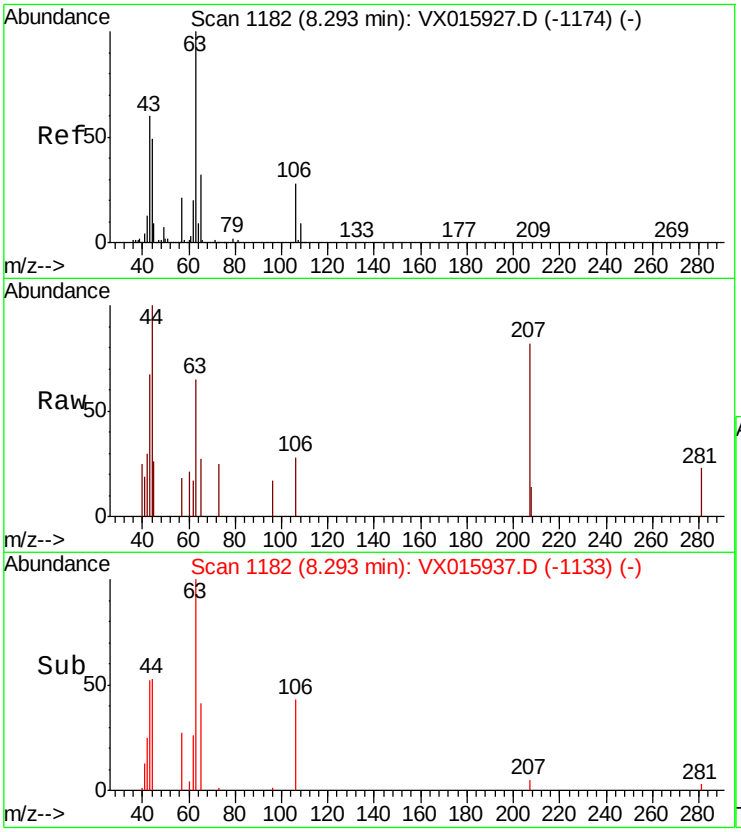




#51
4-Methyl-2-Pentanone
Concen: 0.371 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

Tgt Ion: 43 Resp: 861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 42.2 | 34.2 | 51.4 |



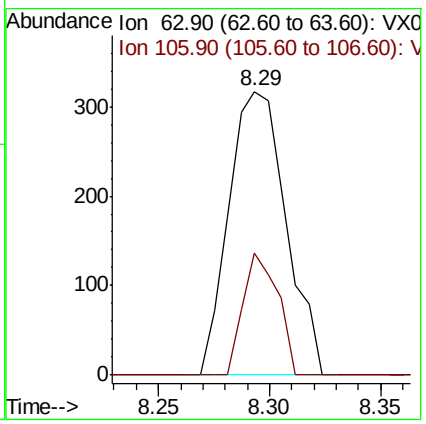


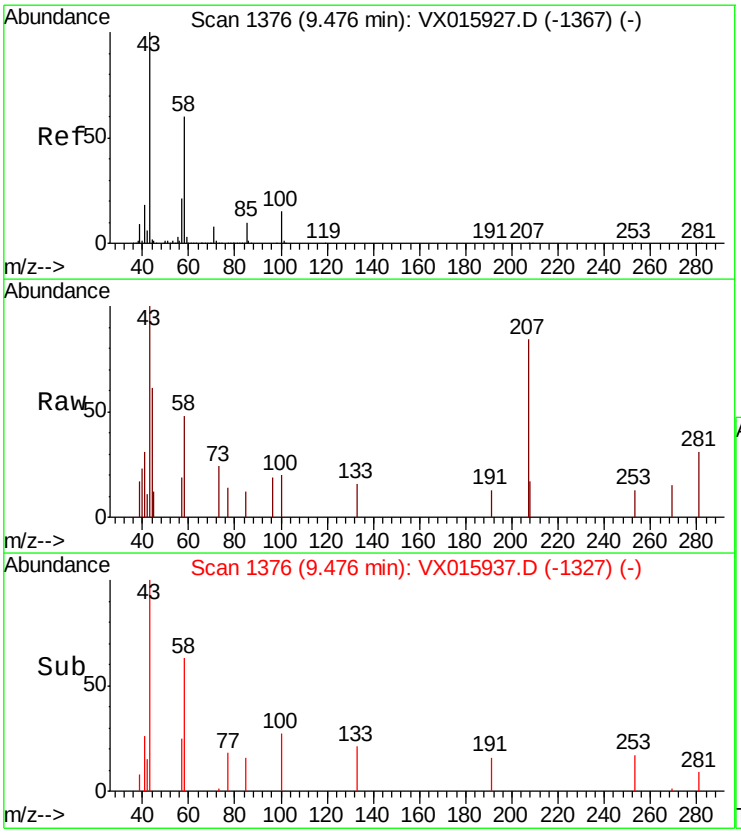

#58
2-Chloroethyl Vinyl ether
Concen: 0.402 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-TB9-200422

Tgt Ion: 63 Resp: 570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 26.1 | 23.0 | 34.6 |

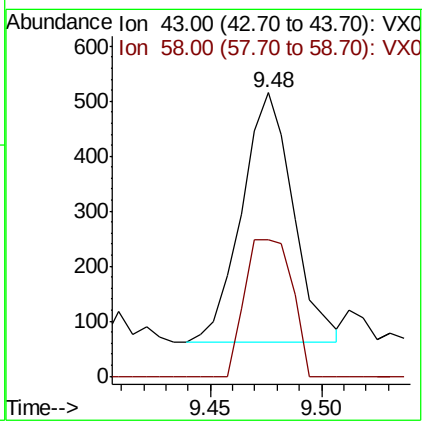


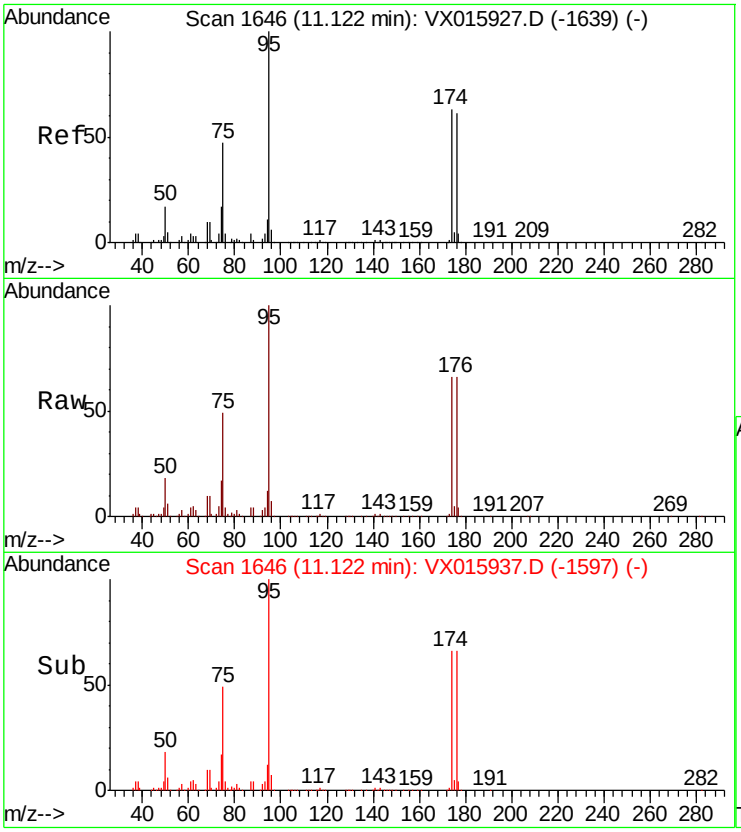




#59
2-Hexanone
Concen: 0.410 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

Tgt Ion: 43 Resp: 724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 51.0 | 29.7 | 89.1 |



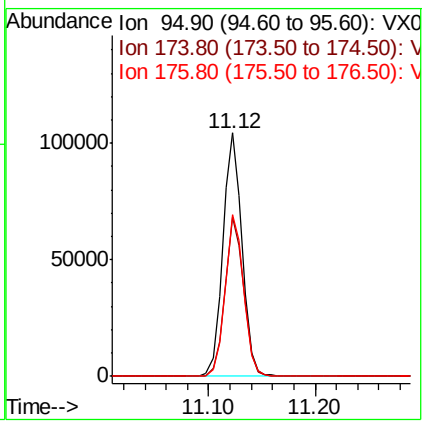


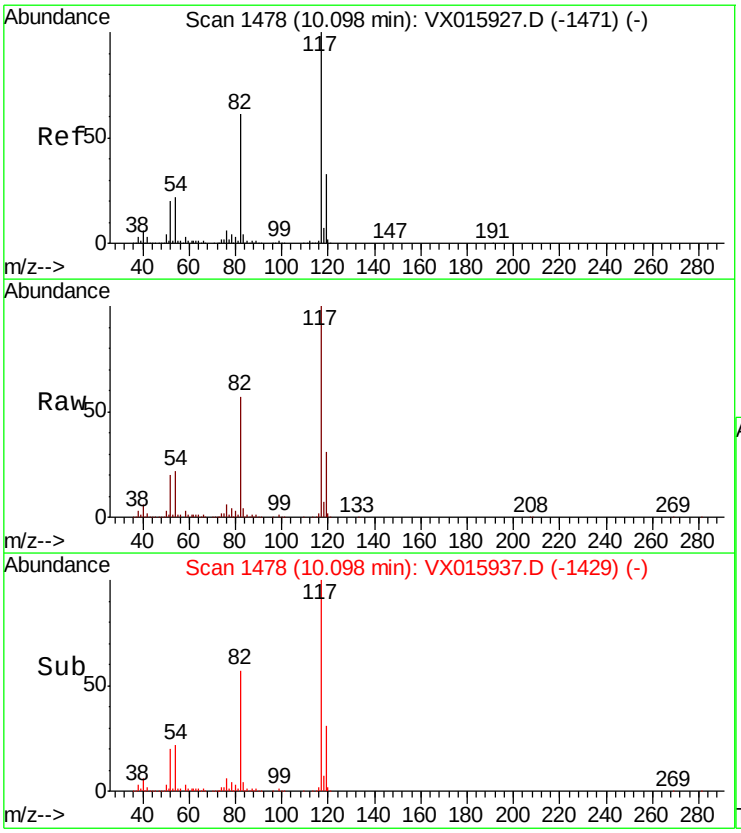

#62
4-Bromofluorobenzene
Concen: 55.215 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-TB9-200422

Tgt Ion: 95 Resp: 130284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 64.5 | 0.0 | 133.6 |
| 176 | 64.5 | 0.0 | 126.0 |

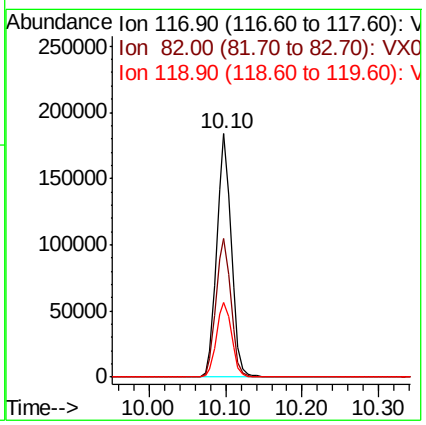


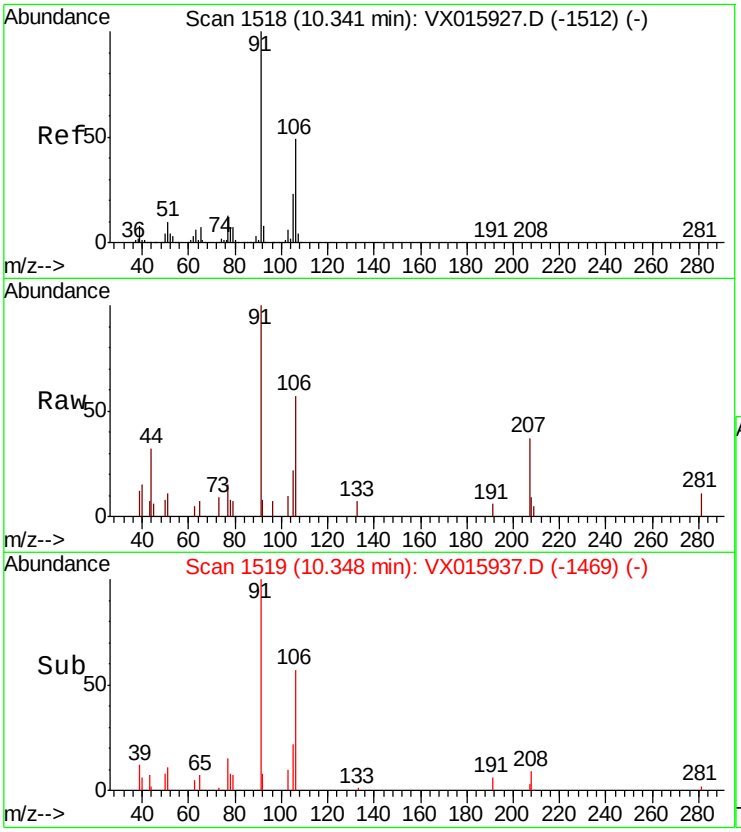




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

Tgt Ion:117 Resp: 241537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.2 | 48.5 | 72.7 |
| 119 | 30.6 | 26.2 | 39.4 |



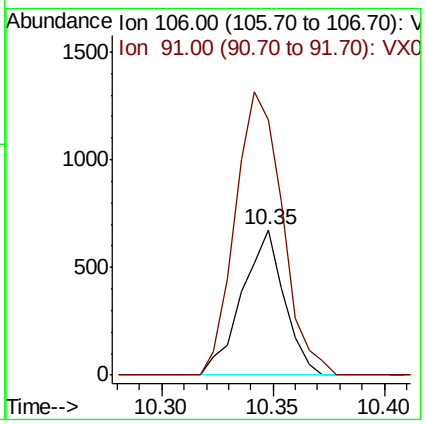


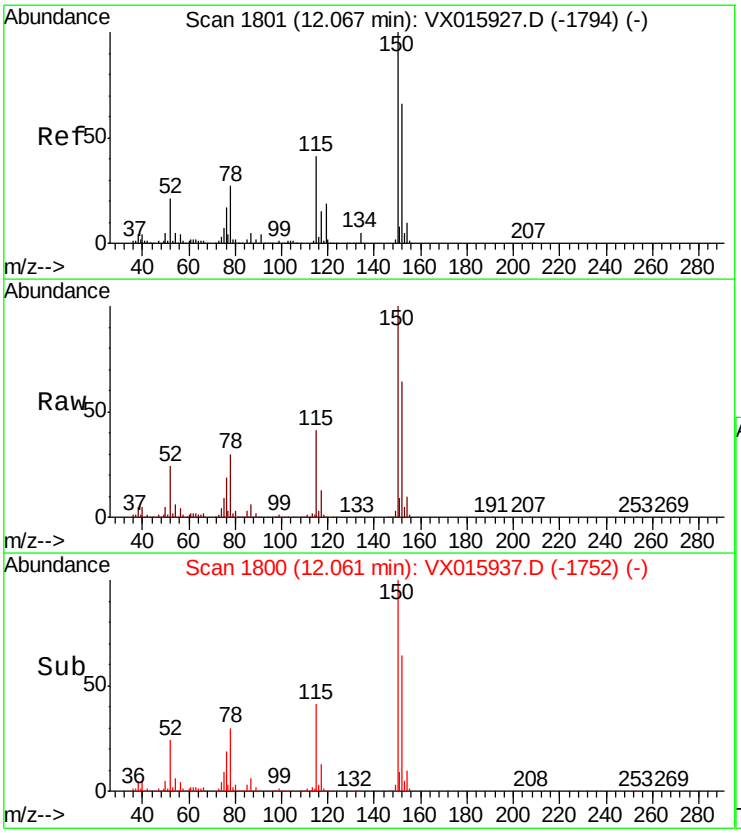

#68
m/p-Xylenes
Concen: 0.276 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

**Instrument :** MSVOA_X
**ClientSampleId :** Z3-TB9-200422

Tgt Ion:106 Resp: 894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 217.6 | 164.9 | 247.3 |

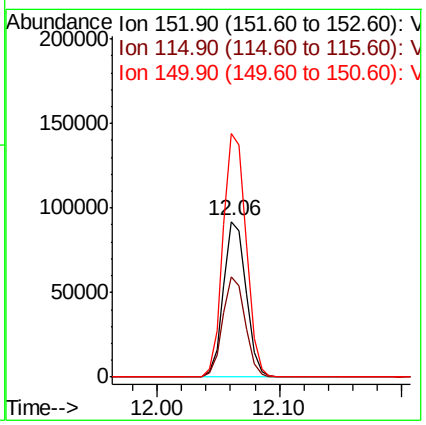


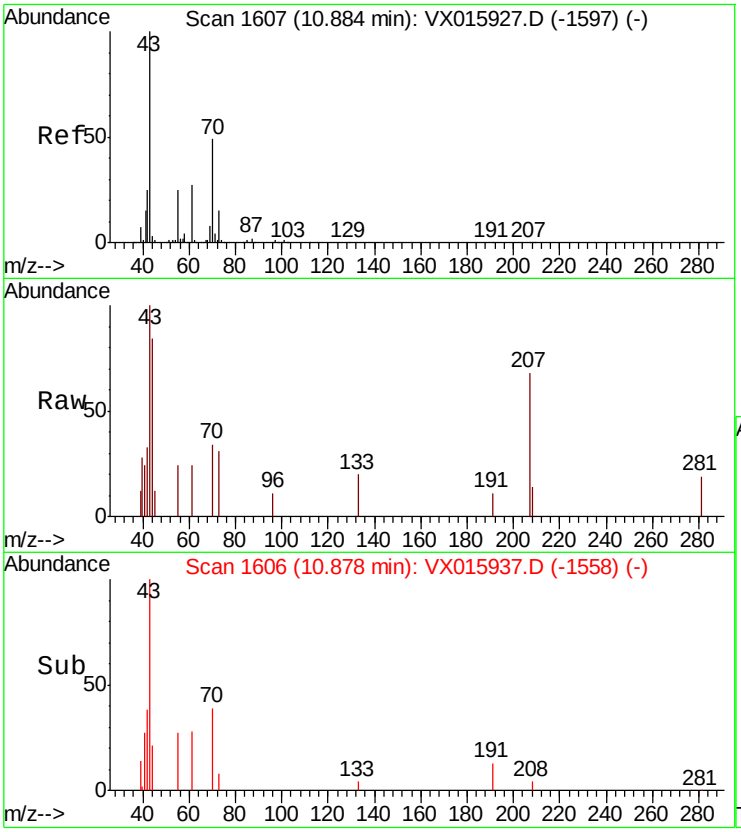




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.01 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

Tgt Ion:152 Resp: 117239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 64.3 | 44.1 | 132.4 |
| 150 | 159.4 | 0.0 | 343.6 |



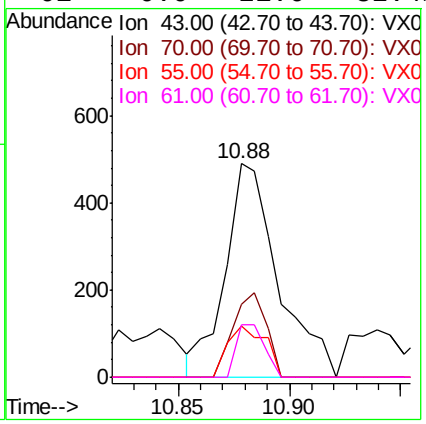


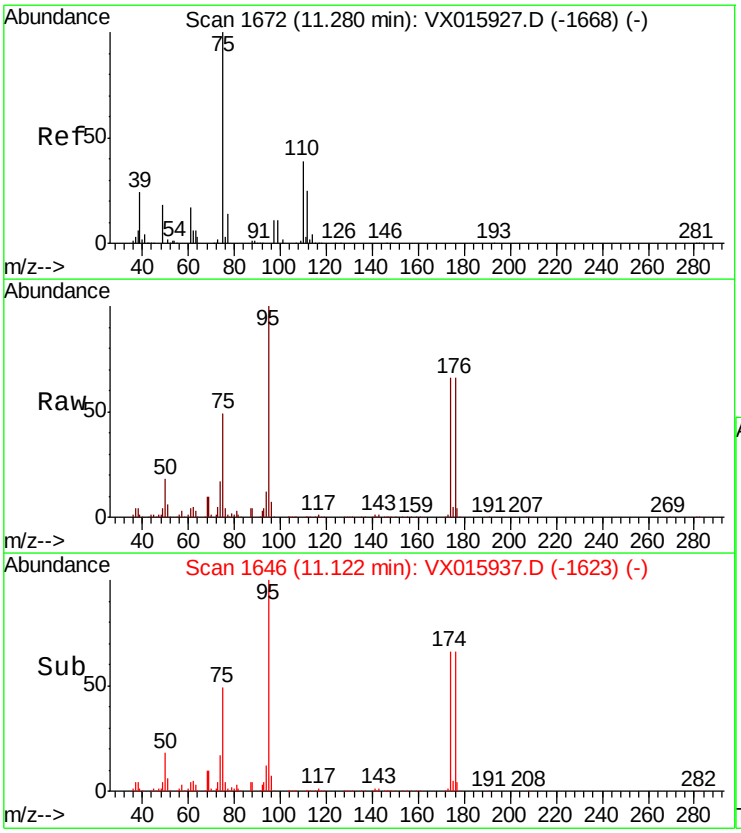

#74
N-amyl acetate
Concen: 0.215 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.01 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

**Instrument :** MSVOA_X
**ClientSampleId :** Z3-TB9-200422

Tgt Ion: 43 Resp: 814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 24.7 | 37.8 | 56.6# |
| 55 | 17.1 | 20.2 | 30.2# |
| 61 | 0.0 | 21.6 | 32.4# |

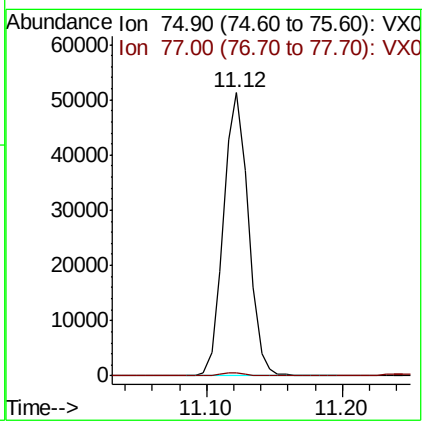


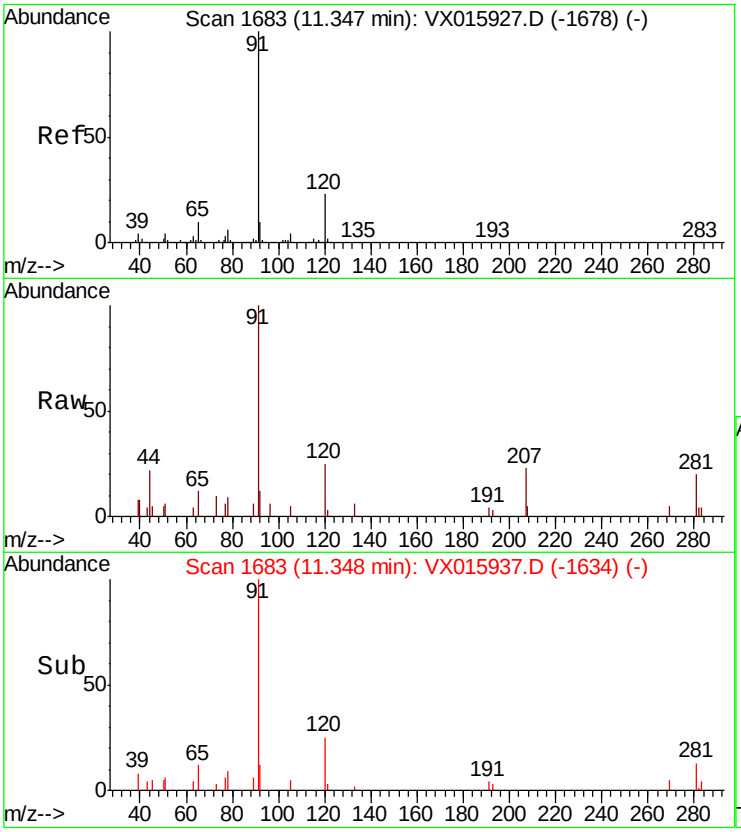




#76
1,2,3-Trichloropropane
Concen: 25.821 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

Tgt Ion: 75 Resp: 64935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.3 | 22.1 | 66.5# |



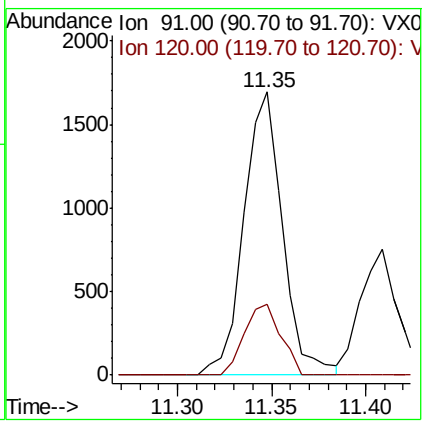


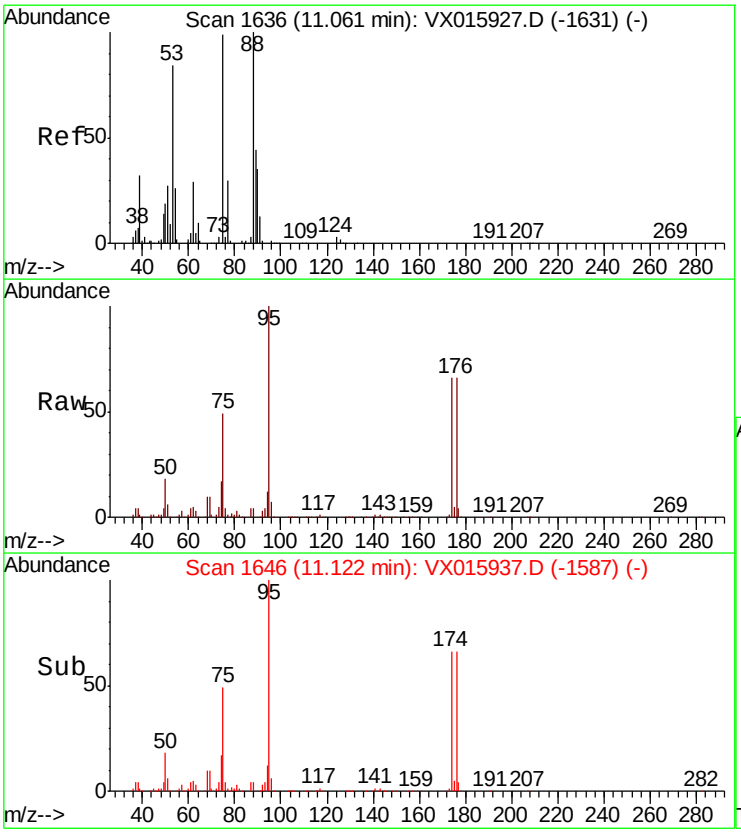

#78
n-propylbenzene
Concen: 0.234 ug/l
RT: 11.35 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-TB9-200422

Tgt Ion: 91 Resp: 2410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.4 | 11.2 | 33.6 |

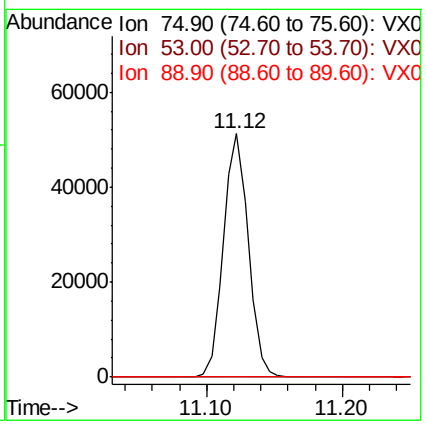


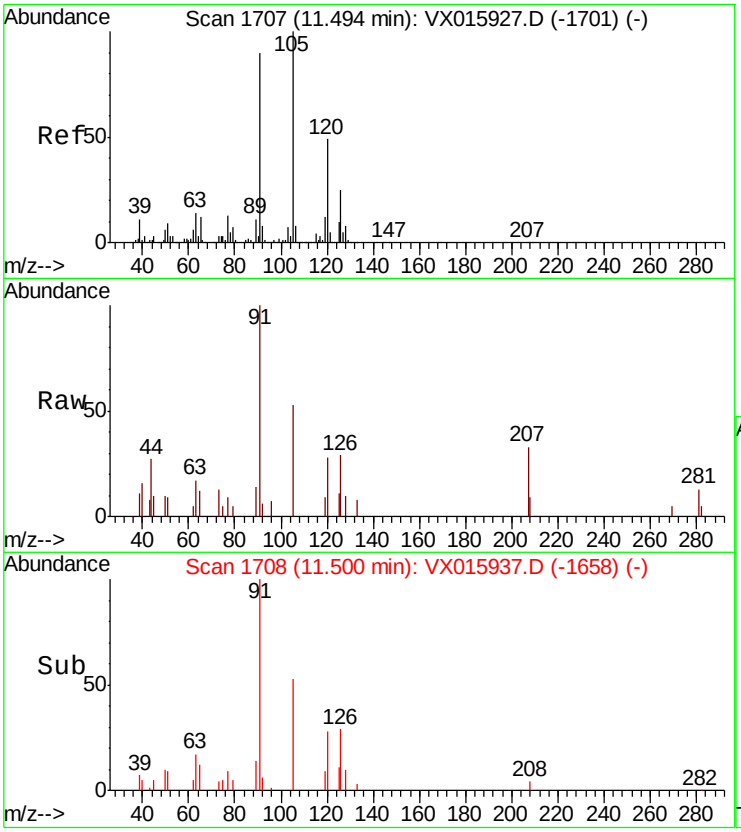




#81
trans-1,4-Dichloro-2-butene
Concen: 58.163 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

Tgt Ion: 75 Resp: 64935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 69.7 | 104.5# |
| 89 | 0.0 | 36.3 | 54.5# |



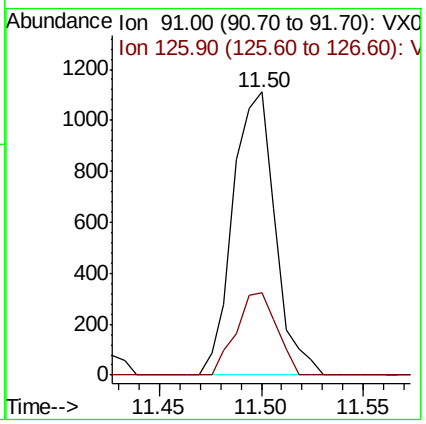


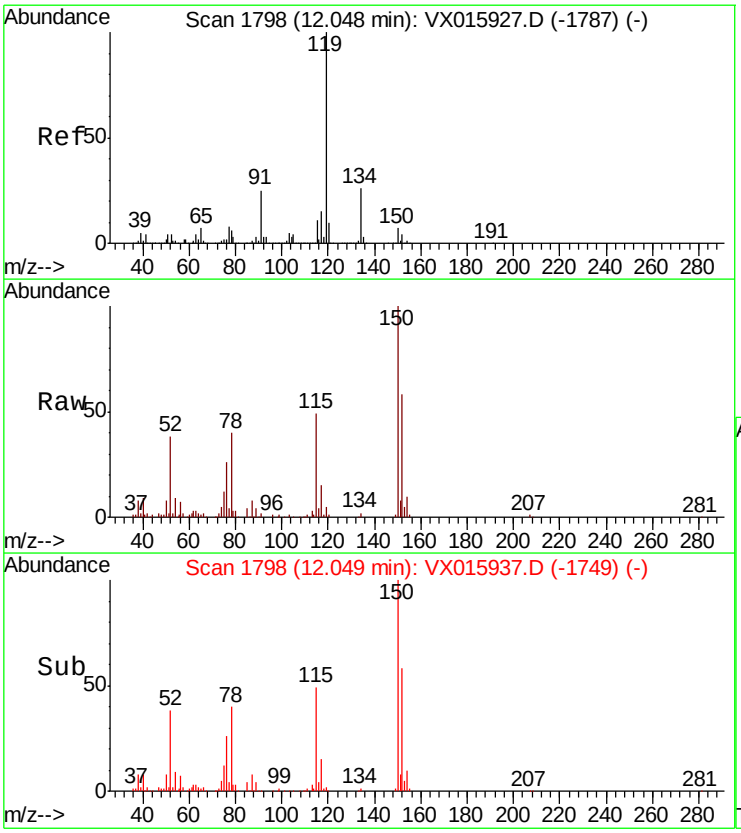

#82
4-Chlorotoluene
Concen: 0.221 ug/l
RT: 11.50 min Scan# 1708
Delta R.T. 0.01 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

**Instrument :** MSVOA_X
**ClientSampleId :** Z3-TB9-200422

Tgt Ion: 91 Resp: 1600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 27.9 | 14.2 | 42.8 |

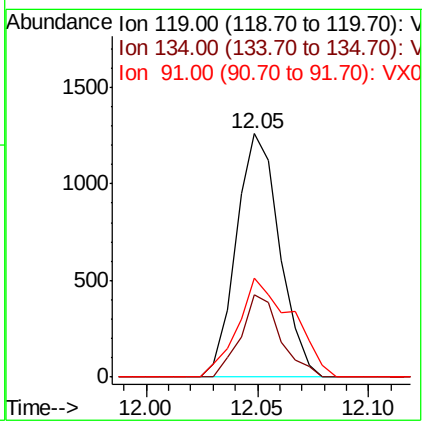


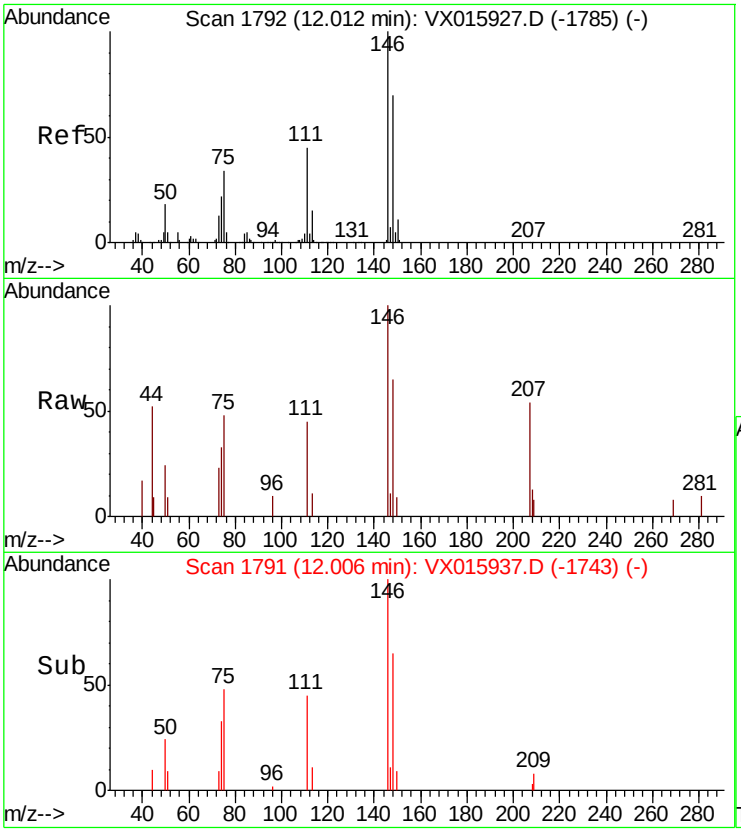




#86
p-Isopropyltoluene
Concen: 0.219 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

Tgt Ion:119 Resp: 1706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 31.1 | 12.6 | 37.8 |
| 91 | 50.9 | 12.2 | 36.6# |



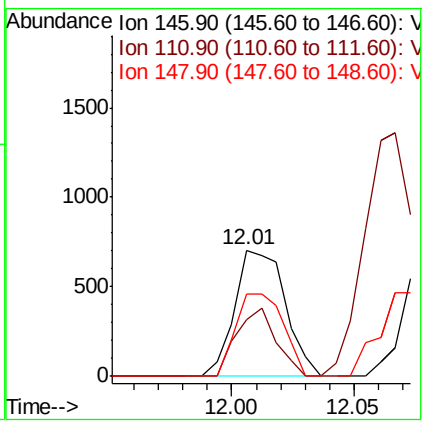


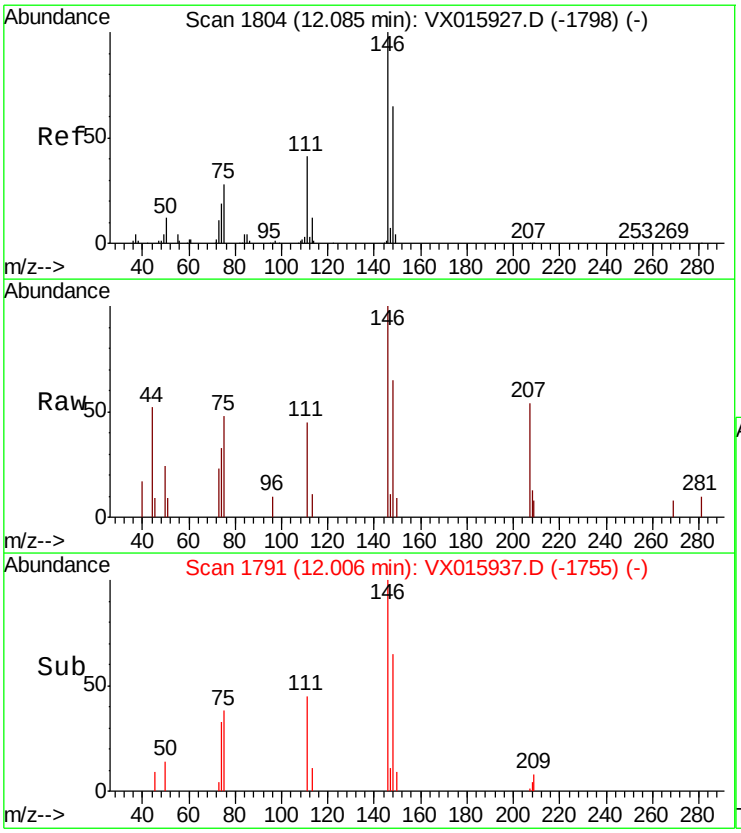

#87
1,3-Dichlorobenzene
Concen: 0.277 ug/l
RT: 12.01 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

**Instrument :** MSVOA_X
**ClientSampleId :** Z3-TB9-200422

Tgt Ion:146 Resp: 1007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.3 | 22.2 | 66.6 |
| 148 | 62.1 | 32.8 | 98.4 |

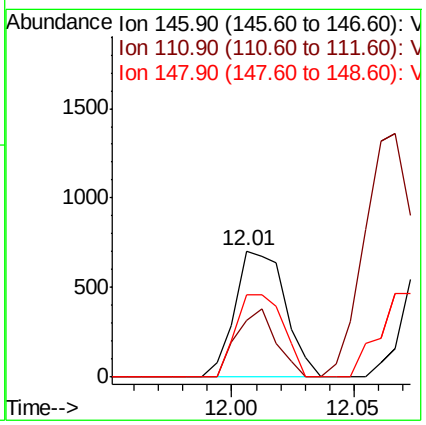


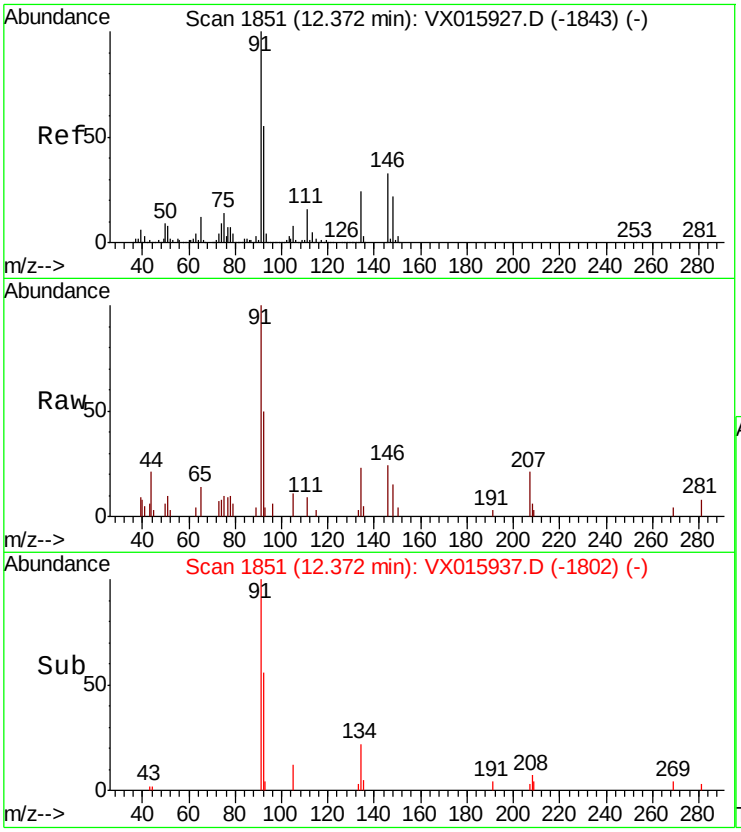




#88
1,4-Dichlorobenzene
Concen: 0.269 ug/l
RT: 12.01 min Scan# 1791
Delta R.T. -0.08 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

Tgt Ion:146 Resp: 1007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.3 | 21.6 | 64.6 |
| 148 | 62.1 | 32.3 | 96.8 |



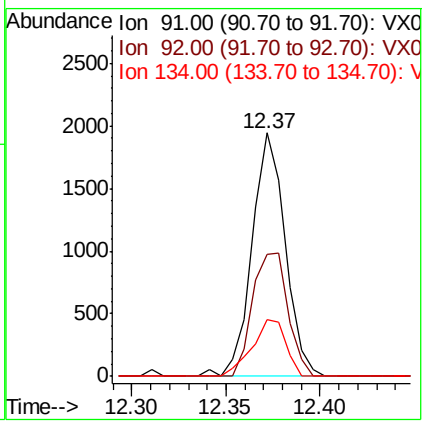


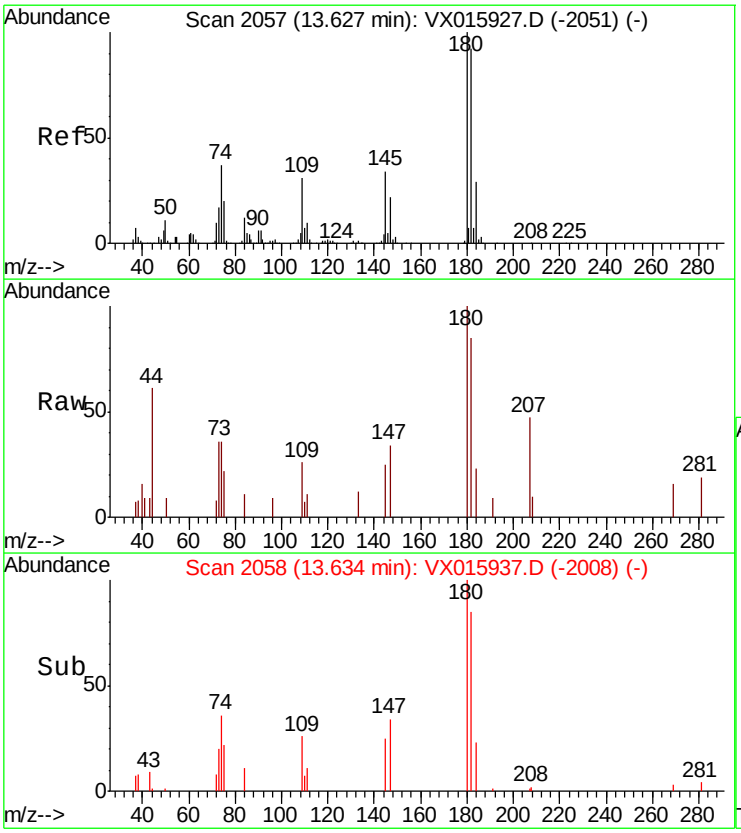

#89
n-Butylbenzene
Concen: 0.323 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

**Instrument :** MSVOA_X
**ClientSampleId :** Z3-TB9-200422

Tgt Ion: 91 Resp: 2366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.4 | 27.3 | 81.9 |
| 134 | 23.7 | 12.2 | 36.4 |

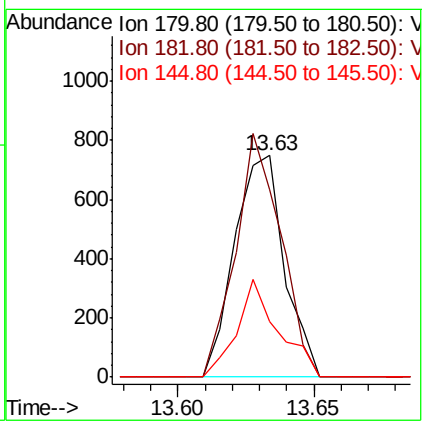


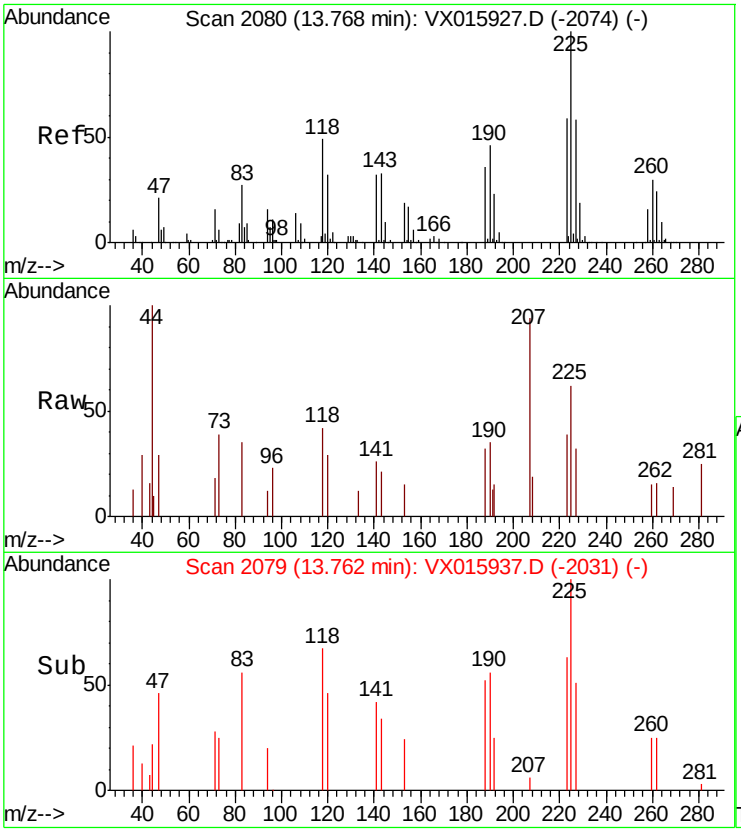




#93
1,2,4-Trichlorobenzene
Concen: 0.416 ug/l
RT: 13.63 min Scan# 2058
Delta R.T. 0.01 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

Tgt Ion:180 Resp: 948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 100.2 | 47.6 | 142.9 |
| 145 | 36.6 | 17.3 | 52.0 |



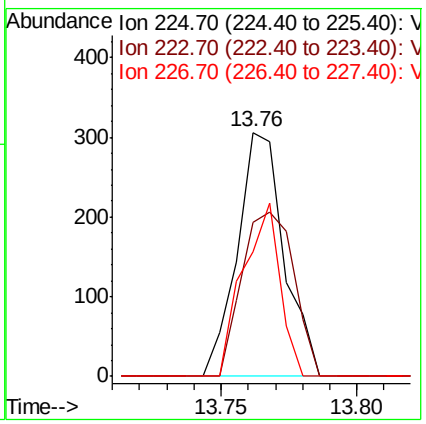


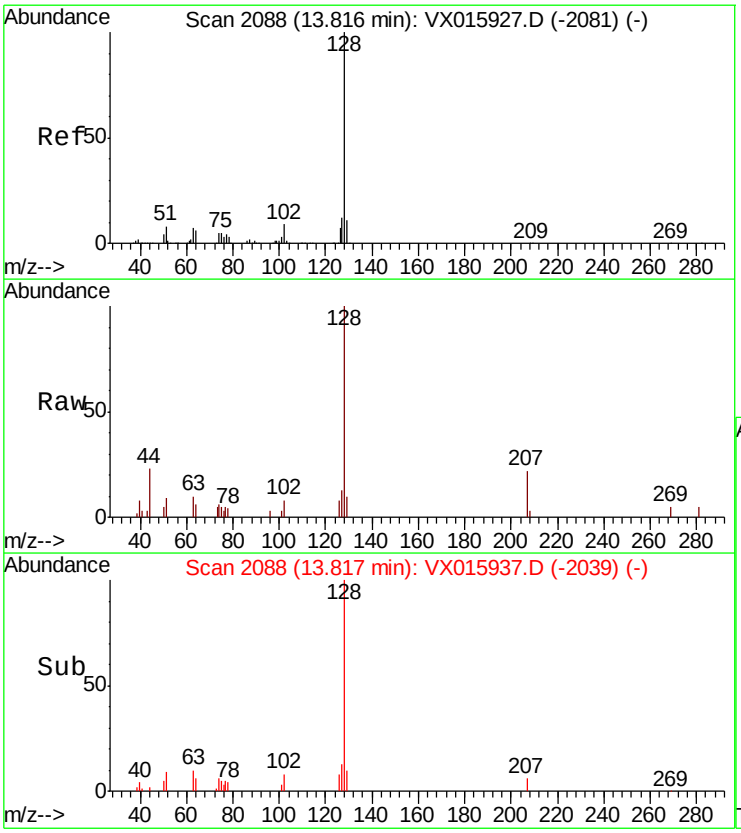

#94
Hexachlorobutadiene
Concen: 0.451 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-TB9-200422

Tgt Ion:225 Resp: 364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 75.5 | 30.6 | 91.6 |
| 227 | 56.0 | 32.0 | 96.2 |

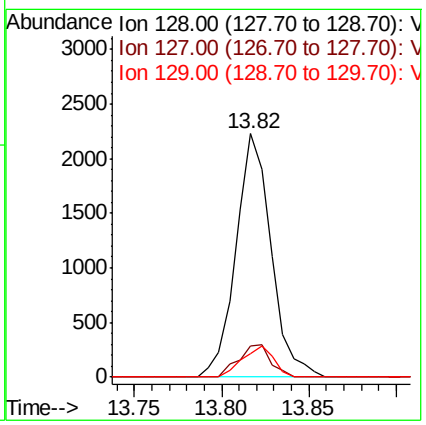


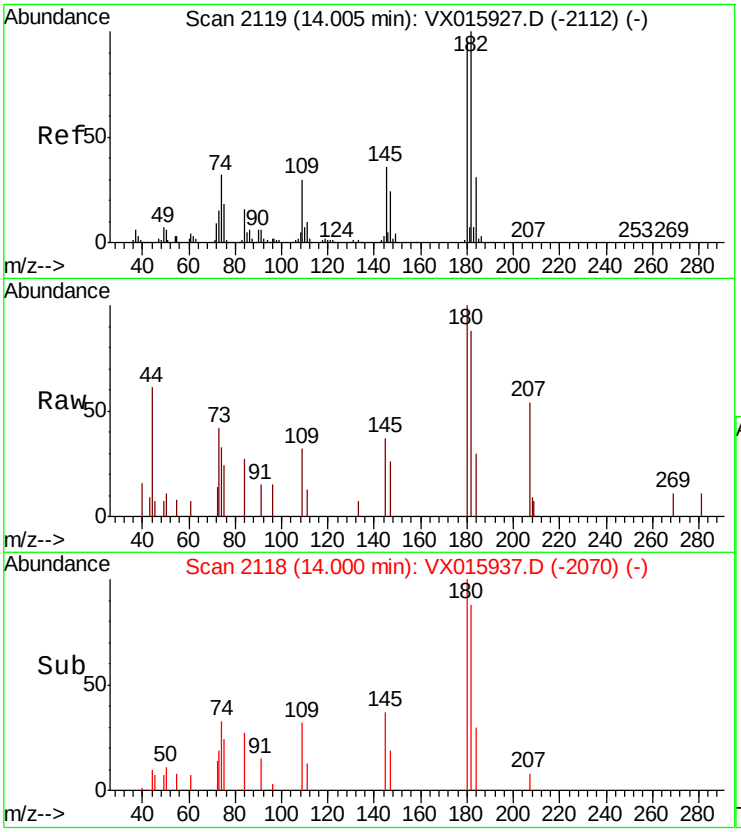




#95
Naphthalene
Concen: 0.376 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

Tgt Ion:128 Resp: 3116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.0 | 10.1 | 15.1 |
| 129 | 11.3 | 8.7 | 13.1 |






#96
1,2,3-Trichlorobenzene
Concen: 0.465 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX015937.D
Acq: 24 Apr 2020 17:50

**Instrument :**
MSVOA_X
**ClientSampleId :**
Z3-TB9-200422

Tgt Ion:180 Resp: 1002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 91.1 | 50.1 | 150.3 |
| 145 | 36.9 | 18.9 | 56.9 |