Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051220\
Data File : VL035009.D
Acq On : 13 May 2020 5:17
Operator : SY/AP
Sample : L2566-05 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** SG-1

Quant Time: May 13 06:58:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.65 | 49 | 923496 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.19 | 114 | 2181645 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.16 | 117 | 1839852 | 10.00 | ppbv | | 0.04 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.47 | 95 | 1494128 | 10.03 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 100.30% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.00 | 85 | 2960 | 0.023 | ppbv | | 94 |
| 3) Chlorodifluoromethane | 2.94 | 51 | 8185 | 0.078 | ppbv | # | 84 |
| 5) Vinyl Chloride | 3.21 | 62 | 29144 | 0.494 | ppbv | | 98 |
| 7) Chloroethane | 3.51 | 64 | 1629 | 0.077 | ppbv | | 94 |
| 9) Propene | 3.16 | 41 | 162258 | 3.546 | ppbv | | 100 |
| 11) Trichlorofluoromethane | 3.91 | 101 | 5185 | 0.038 | ppbv | # | 72 |
| 13) Ethanol | 3.57 | 45 | 60628 | 4.016 | ppbv | | 96 |
| 15) Acetone | 3.82 | 43 | 3604046 | 29.519 | ppbv | | 98 |
| 16) 1,3-Butadiene | 3.31 | 39 | 227672 | 4.333 | ppbv | # | 9 |
| 17) tert-Butyl alcohol | 4.26 | 59 | 5901 | 0.054 | ppbv | # | 71 |
| 18) 1,1-Dichloroethene | 4.25 | 96 | 178296 | 4.271 | ppbv | | 99 |
| 19) Isopropyl Alcohol | 3.94 | 45 | 29927 | 0.368 | ppbv | # | 94 |
| 20) Methylene Chloride | 4.31 | 84 | 17628 | 0.436 | ppbv | # | 86 |
| 21) Allyl Chloride | 4.34 | 41 | 7103 | 0.103 | ppbv | # | 20 |
| 22) trans-1,2-Dichloroethene | 4.85 | 96 | 1405929 | 33.997 | ppbv | | 99 |
| 23) Vinyl Acetate | 5.08 | 43 | 123722 | 0.799 | ppbv | # | 51 |
| 24) 1,1-Dichloroethane | 4.99 | 63 | 12952 | 0.109 | ppbv | # | 83 |
| 25) Ethyl Acetate | 5.71 | 43 | 147620 | 0.720 | ppbv | # | 7 |
| 26) Hexane | 5.67 | 57 | 66531 | 0.748 | ppbv | # | 15 |
| 27) Carbon Disulfide | 4.52 | 76 | 2444 | 0.023 | ppbv | # | 63 |
| 29) Chloroform | 5.74 | 83 | 8666288 | 59.574 | ppbv | | 87 |
| 30) Cyclohexane | 7.12 | 84 | 7986 | 0.116 | ppbv | # | 1 |
| 31) cis-1,2-Dichloroethene | 5.53 | 61 | 13233306 | 152.548 | ppbv | # | 63 |
| 32) 1,1,1-Trichloroethane | 6.51 | 97 | 71419 | 0.544 | ppbv | # | 86 |
| 34) 2-Butanone | 5.26 | 43 | 15298 | 0.113 | ppbv | # | 1 |
| 36) Benzene | 6.90 | 78 | 371825 | 2.067 | ppbv | | 97 |
| 38) Trichloroethene | 7.94 | 130 | 42414095 | 608.681 | ppbv | # | 86 |
| 39) 1,2-Dichloropropane | 7.92 | 63 | 379135 | 5.258 | ppbv | # | 1 |
| 41) Tetrahydrofuran | 6.05 | 42 | 4987 | 0.070 | ppbv | # | 37 |
| 42) Bromodichloromethane | 7.94 | 83 | 2160167 | 14.436 | ppbv | # | 92 |
| 47) 1,1,2-Trichloroethane | 9.52 | 97 | 16335 | 0.215 | ppbv | | 87 |
| 50) 4-Methyl-2-Pentanone | 8.78 | 43 | 624177 | 3.228 | ppbv | | 99 |
| 52) Tetrachloroethene | 11.41 | 164 | 45529819 | 711.874 | ppbv | | 90 |
| 53) Toluene | 9.85 | 91 | 1597074 | 8.376 | ppbv | | 100 |
| 56) 1,1,1,2-Tetrachloroethane | 12.20 | 131 | 31100 | 0.375 | ppbv | # | 25 |
| 58) Ethyl Benzene | 12.77 | 91 | 910625 | 4.003 | ppbv | | 99 |
| 59) m/p-Xylene | 13.03 | 91 | 2305972 | 11.520 | ppbv | # | 59 |
| 60) o-Xylene | 13.75 | 91 | 577089 | 2.922 | ppbv | | 97 |
| 62) Isopropylbenzene | 14.72 | 105 | 442171 | 1.499 | ppbv | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051220\
Data File : VL035009.D
Acq On : 13 May 2020 5:17
Operator : SY/AP
Sample : L2566-05 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** SG-1

Quant Time: May 13 06:58:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration

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

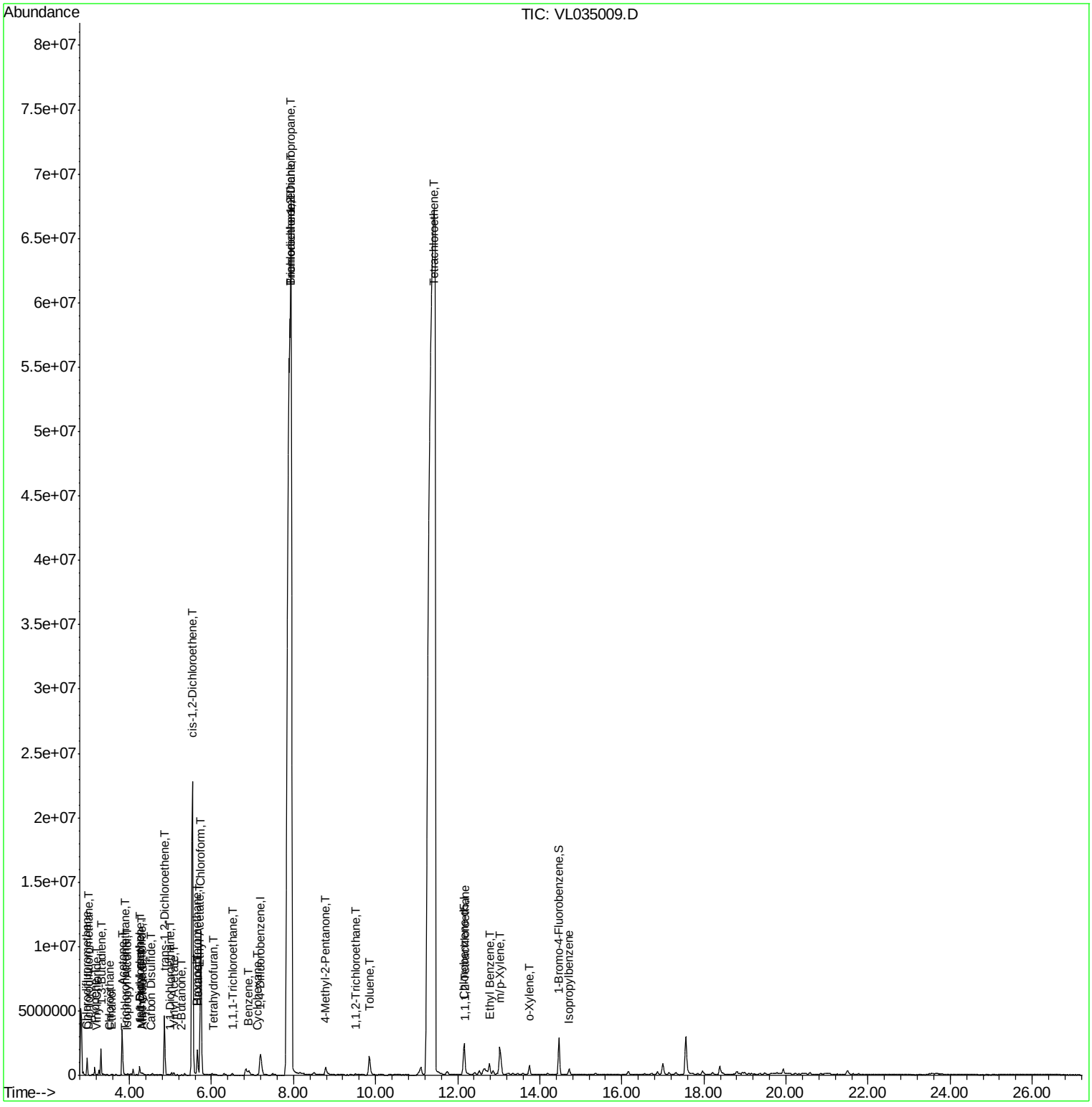
(#) = qualifier out of range (m) = manual integration (+) = signals summed

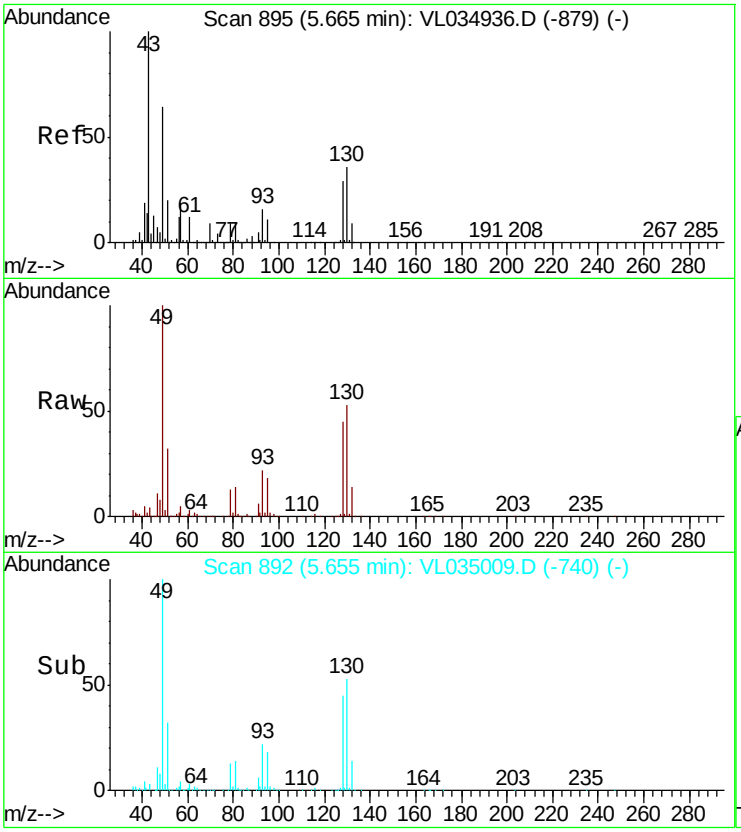
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051220\
Data File : VL035009.D
Acq On : 13 May 2020 5:17
Operator : SY/AP
Sample : L2566-05 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** SG-1

Quant Time: May 13 06:58:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration



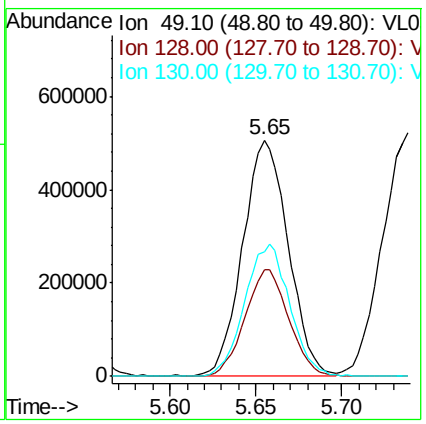


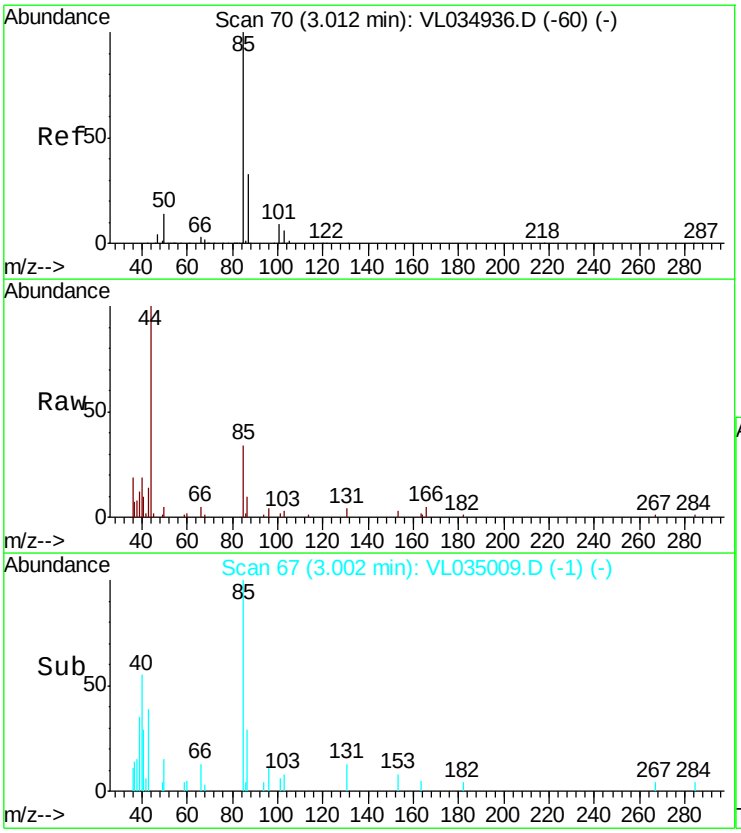

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.01 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
SG-1

Tgt Ion: 49 Resp: 923496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 43.9 | 22.1 | 66.5 |
| 130 | 55.8 | 29.1 | 87.3 |

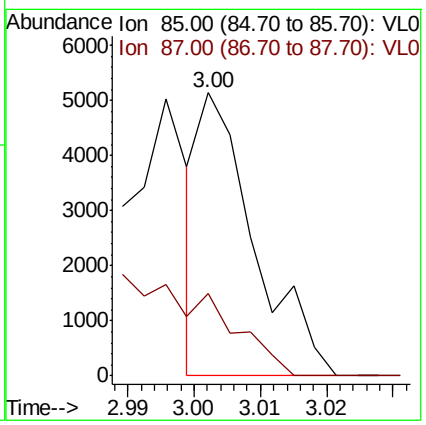


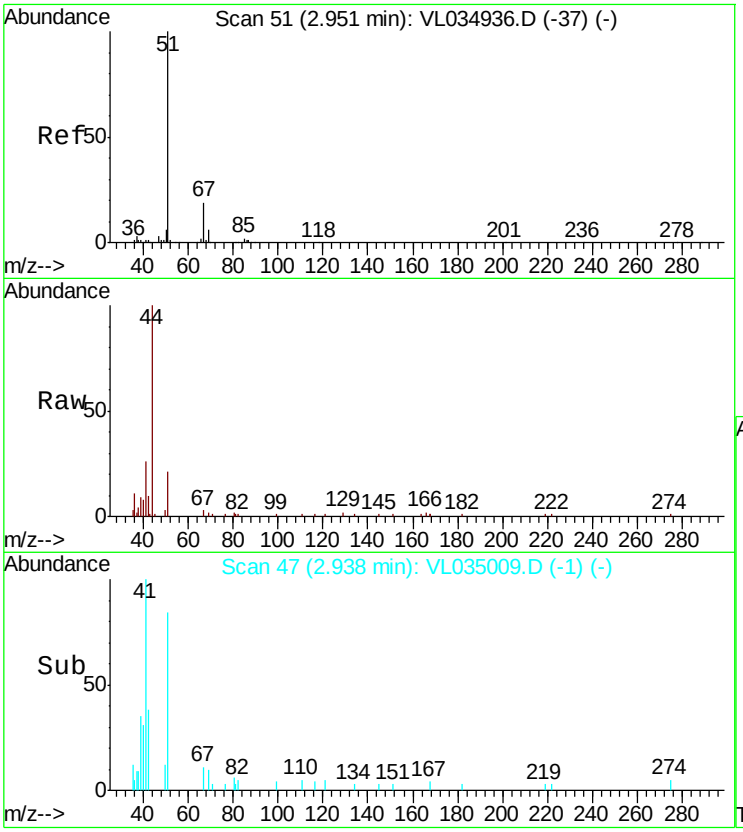




#2
Dichlorodifluoromethane
Concen: 0.023 ppbv
RT: 3.00 min Scan# 67
Delta R.T. -0.01 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

Tgt Ion: 85 Resp: 2960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 29.0 | 26.2 | 39.2 |



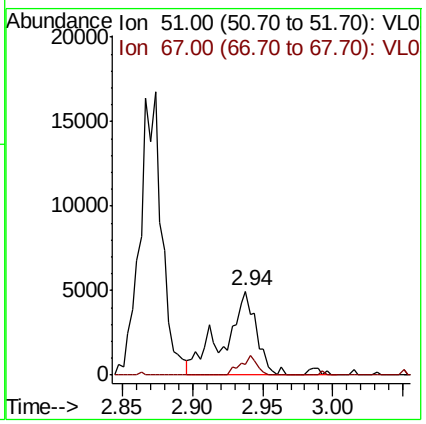


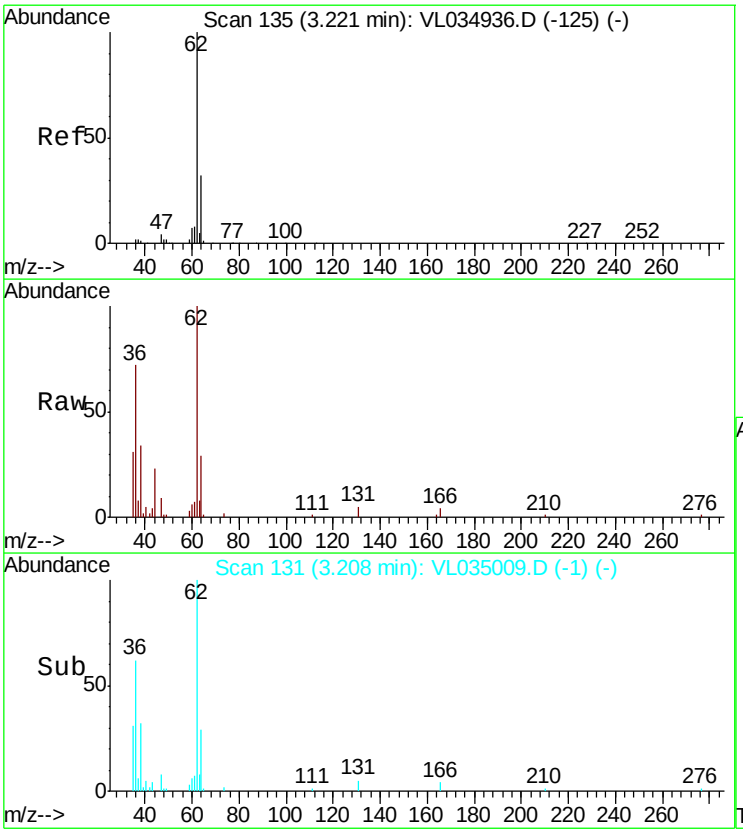

#3
Chlorodifluoromethane
Concen: 0.078 ppbv
RT: 2.94 min Scan# 47
Delta R.T. -0.01 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
SG-1

Tgt Ion: 51 Resp: 8185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 11.6 | 15.0 | 22.6# |

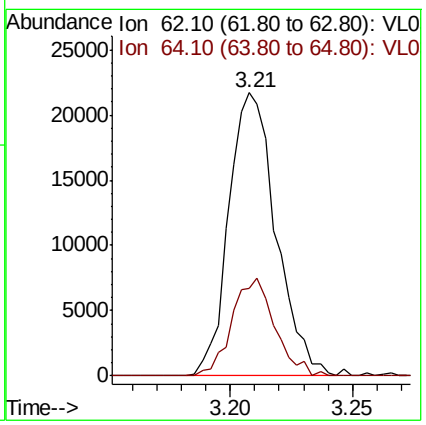


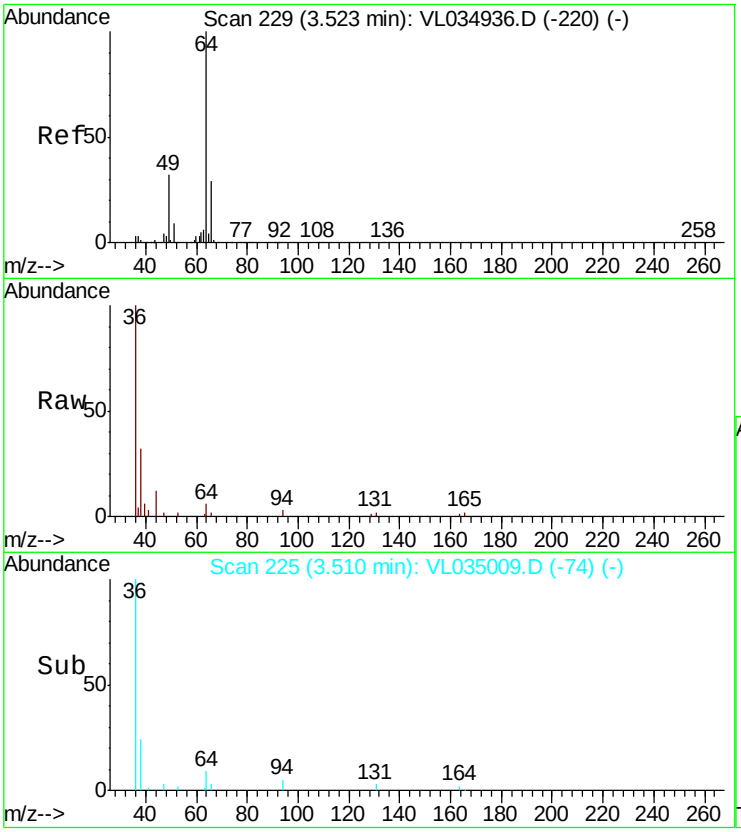




#5
Vinyl Chloride
Concen: 0.494 ppbv
RT: 3.21 min Scan# 131
Delta R.T. -0.01 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

Tgt Ion: 62 Resp: 29144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 30.8 | 25.7 | 38.5 |



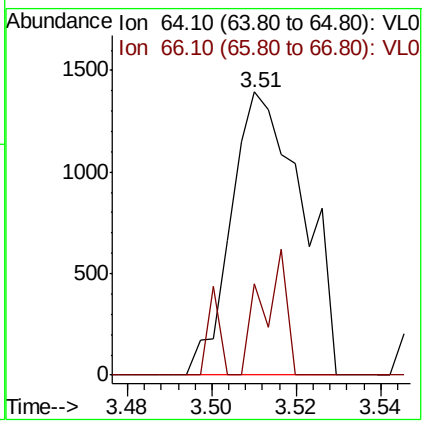


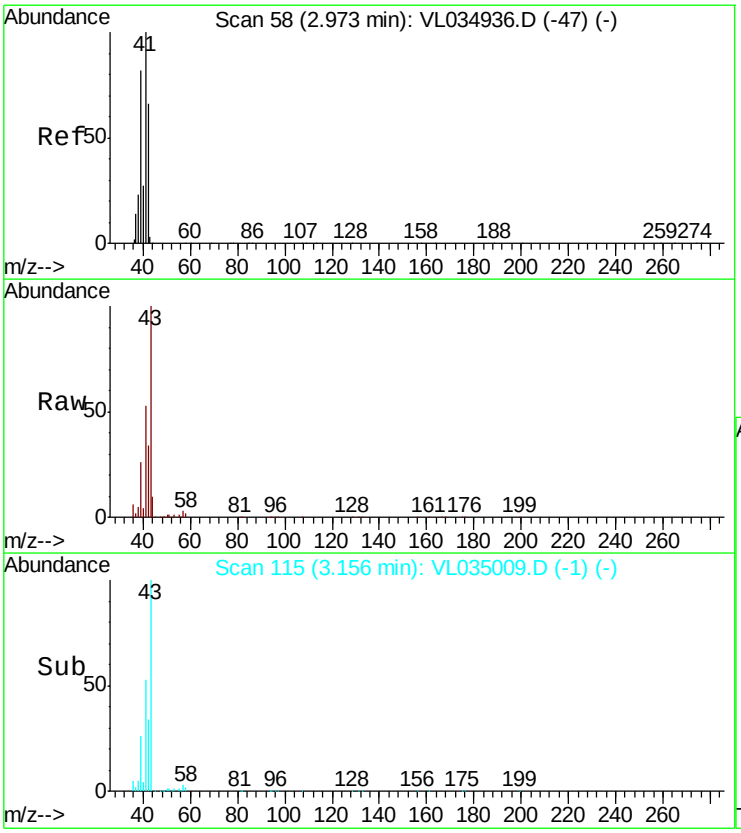

#7
Chloroethane
Concen: 0.077 ppbv
RT: 3.51 min Scan# 225
Delta R.T. -0.01 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
SG-1

Tgt Ion: 64 Resp: 1629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.2 | 23.2 | 34.8 |

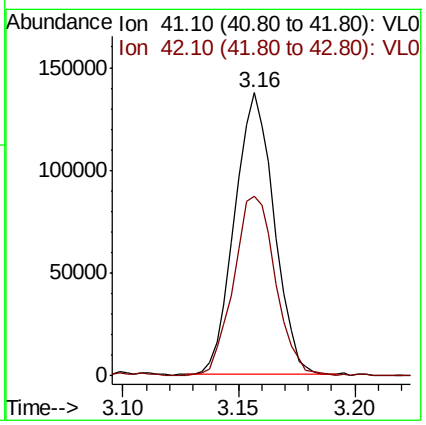


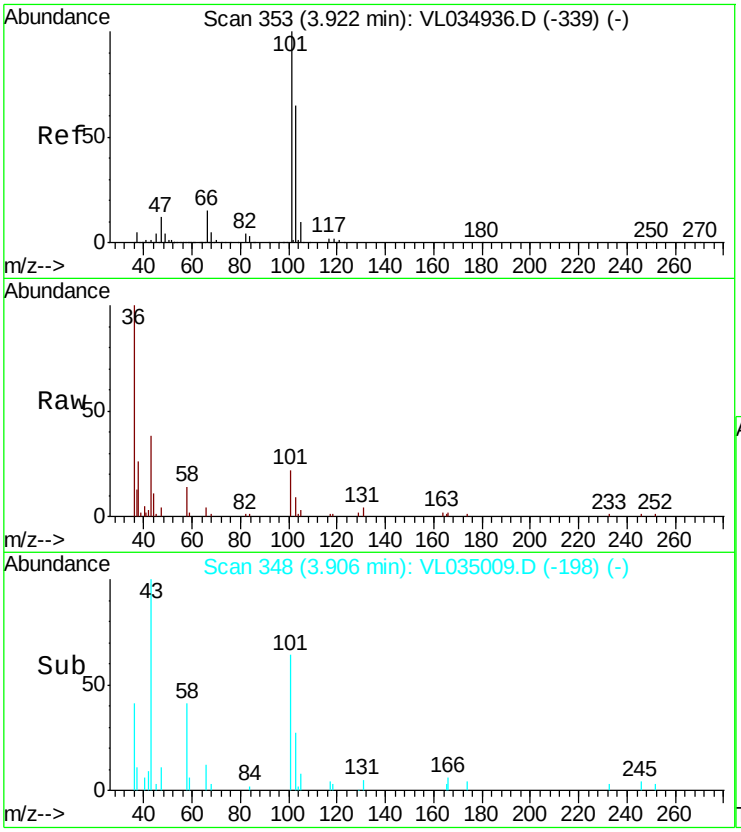




#9
Propene
Concen: 3.546 ppbv
RT: 3.16 min Scan# 115
Delta R.T. 0.18 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

Tgt Ion: 41 Resp: 162258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 68.5 | 54.5 | 81.7 |



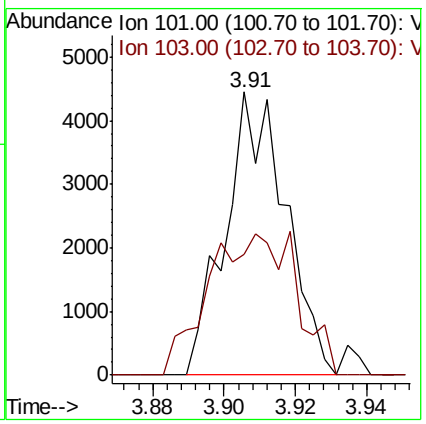


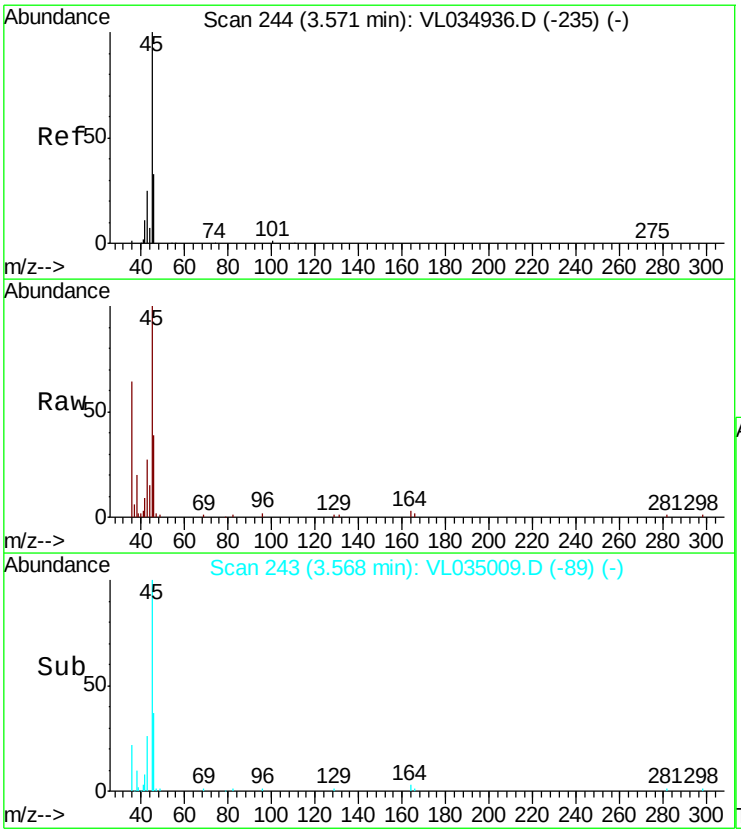

#11
Trichlorofluoromethane
Concen: 0.038 ppbv
RT: 3.91 min Scan# 348
Delta R.T. -0.02 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
SG-1

Tgt Ion:101 Resp: 5185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 42.5 | 51.9 | 77.9# |

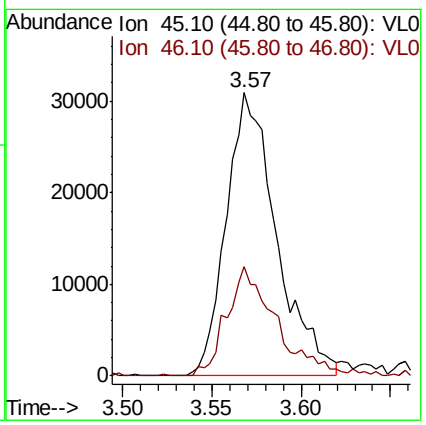


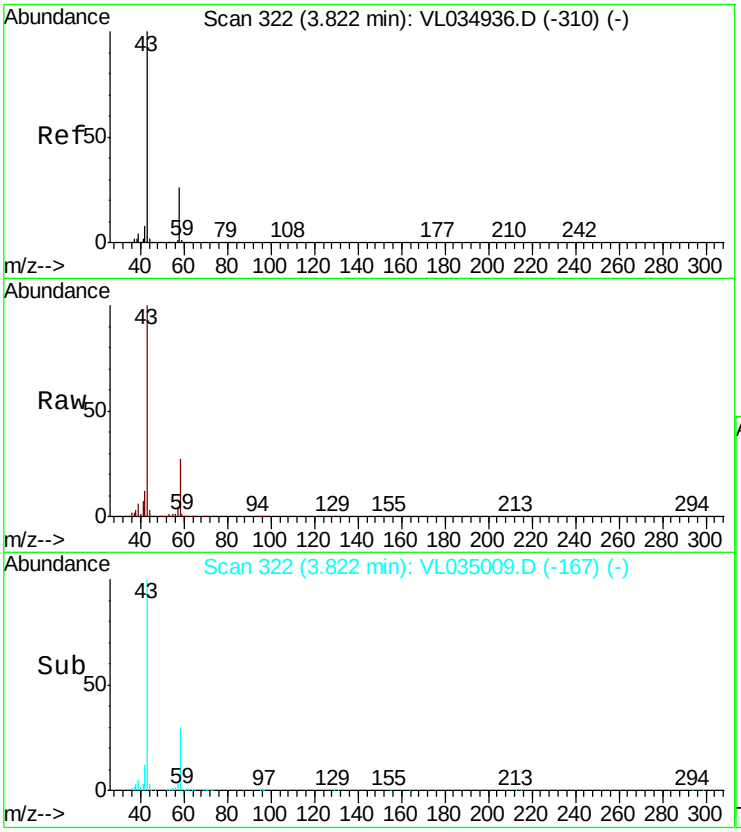




#13
Ethanol
Concen: 4.016 ppbv
RT: 3.57 min Scan# 243
Delta R.T. -0.00 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

Tgt Ion: 45 Resp: 60628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 38.3 | 14.3 | 57.3 |



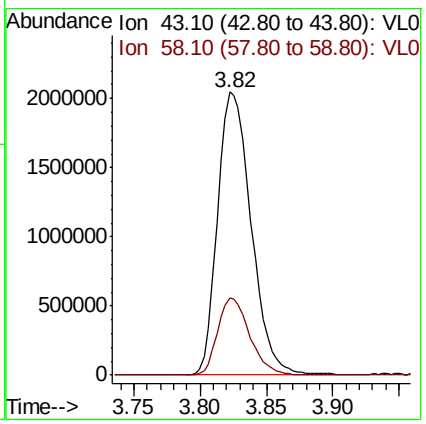


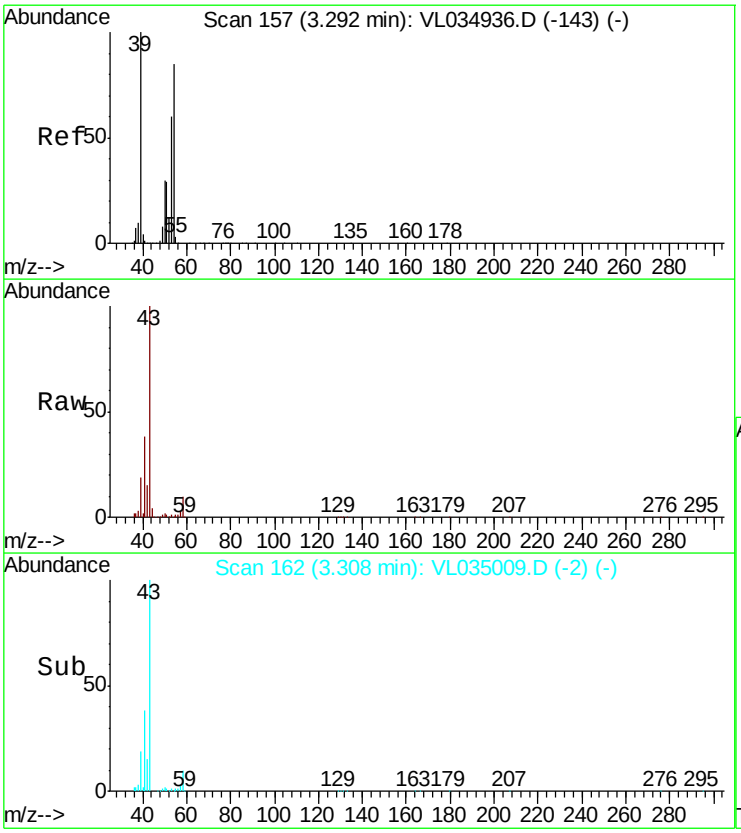

#15
Acetone
Concen: 29.519 ppbv
RT: 3.82 min Scan# 322
Delta R.T. -0.00 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
SG-1

Tgt Ion: 43 Resp: 3604046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.3 | 21.7 | 32.5 |

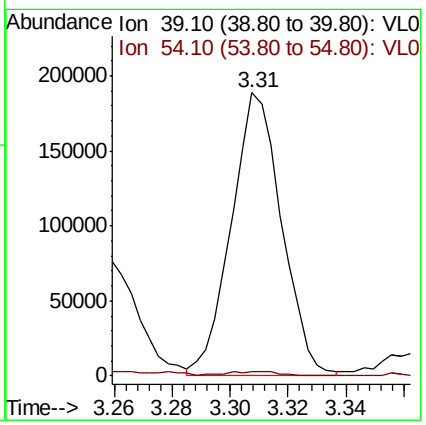


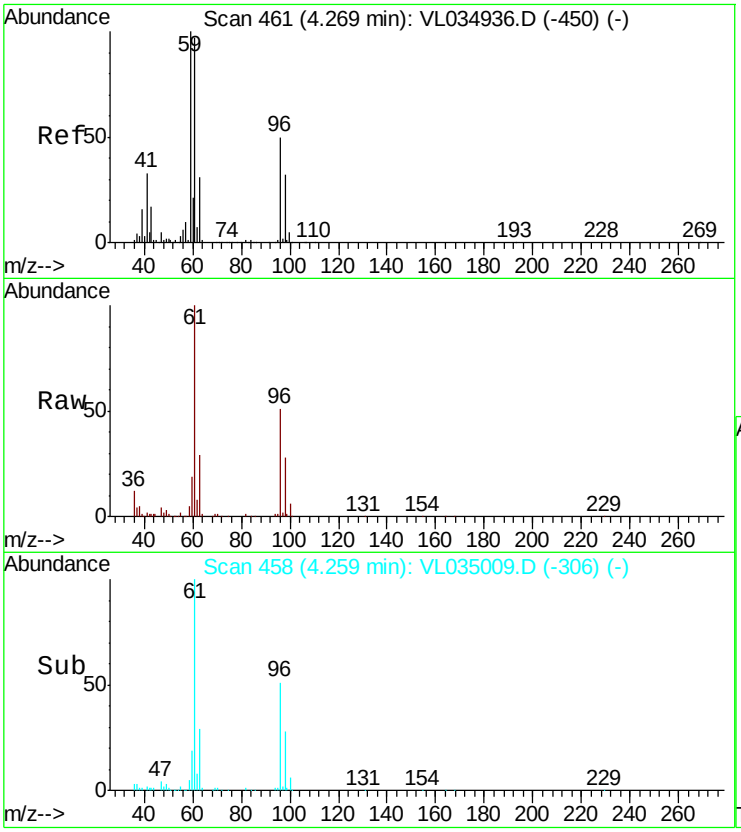




#16
1,3-Butadiene
Concen: 4.333 ppbv
RT: 3.31 min Scan# 162
Delta R.T. 0.02 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

Tgt Ion: 39 Resp: 227672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 1.6 | 66.6 | 100.0# |



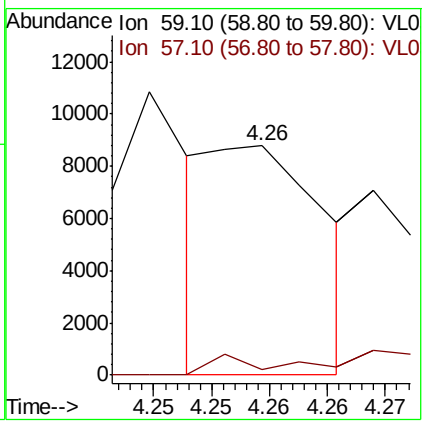


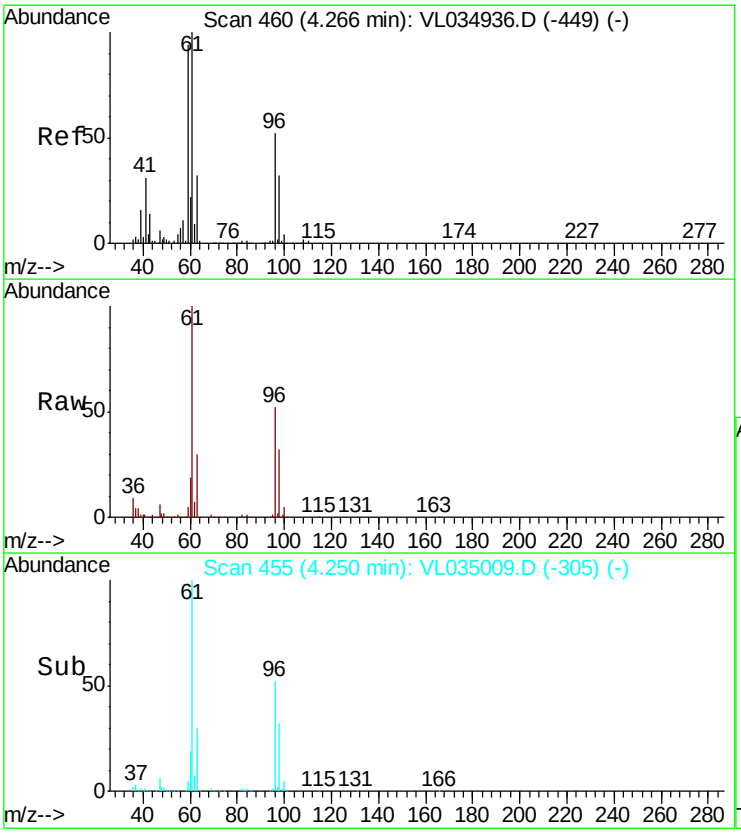

#17
tert-Butyl alcohol
Concen: 0.054 ppbv
RT: 4.26 min Scan# 458
Delta R.T. -0.01 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :** MSVOA_L
**ClientSampleId :** SG-1

Tgt Ion: 59 Resp: 5901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.7 | 13.1# |

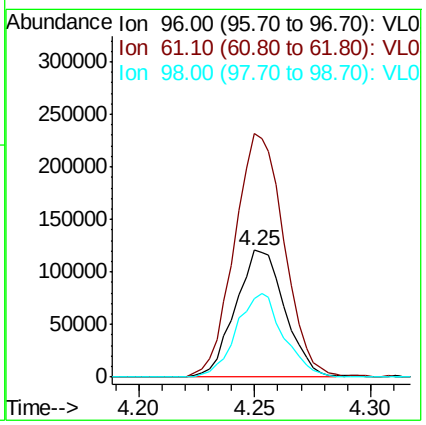


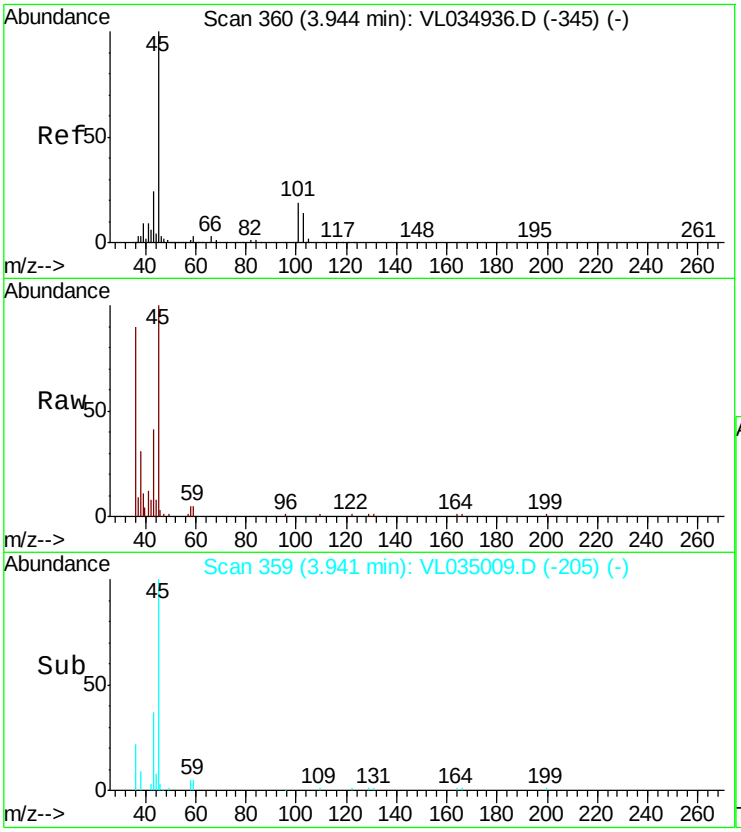




#18
1,1-Dichloroethene
Concen: 4.271 ppbv
RT: 4.25 min Scan# 455
Delta R.T. -0.02 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

Tgt Ion: 96 Resp: 178296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 191.5 | 152.4 | 228.6 |
| 98 | 61.8 | 48.8 | 73.2 |



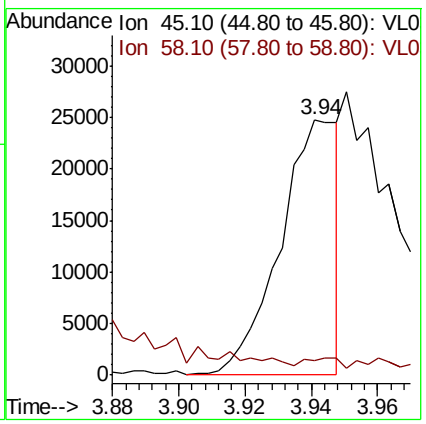


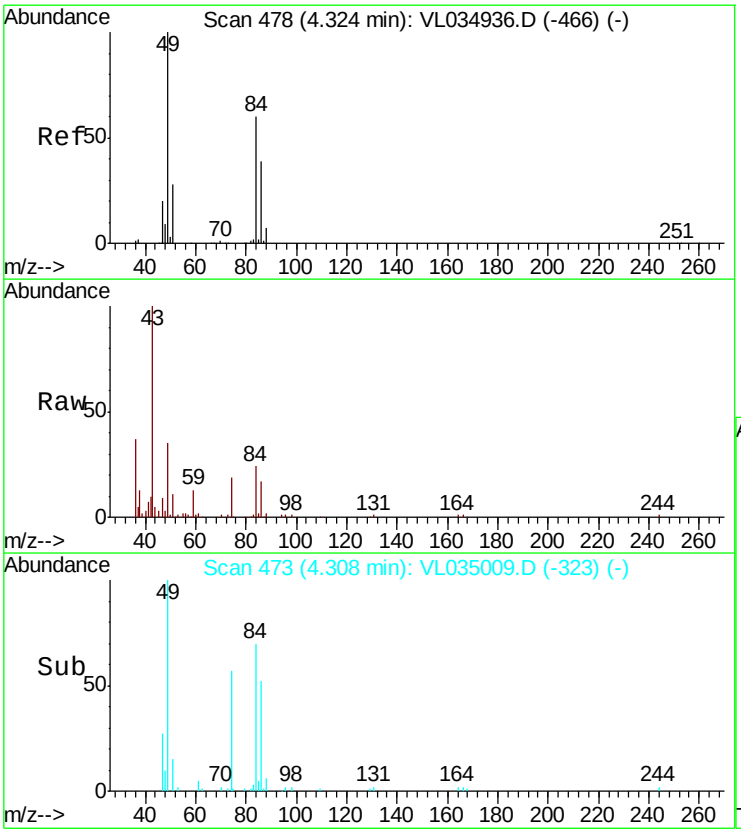

#19
Isopropyl Alcohol
Concen: 0.368 ppbv
RT: 3.94 min Scan# 359
Delta R.T. -0.00 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :** MSVOA_L
**ClientSampleId :** SG-1

Tgt Ion: 45 Resp: 29927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 0.0 | 1.7 | 2.5# |

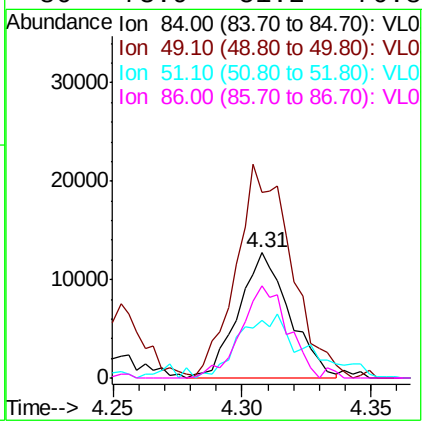


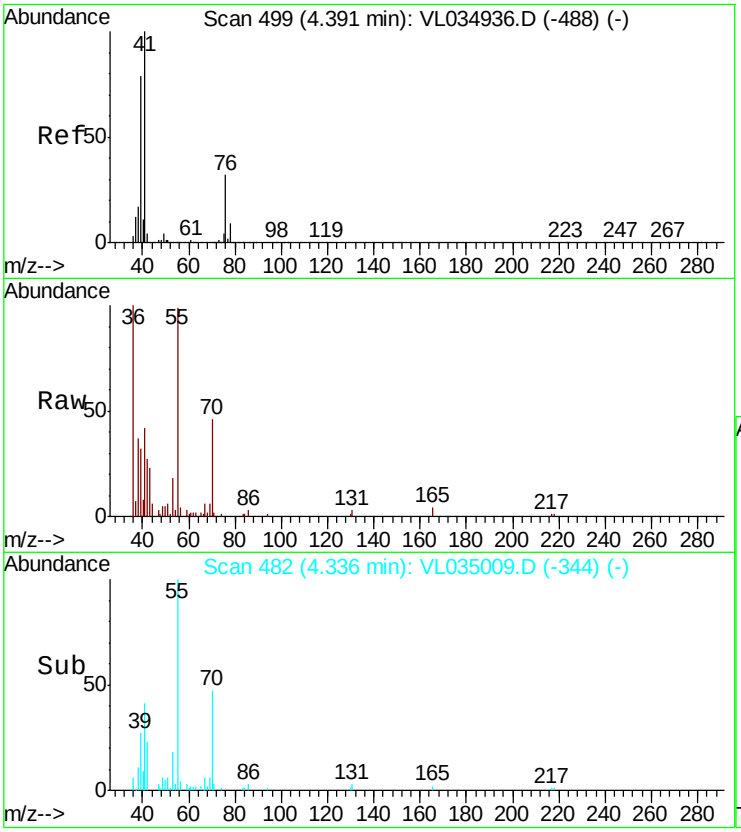




#20
Methylene Chloride
Concen: 0.436 ppbv
RT: 4.31 min Scan# 473
Delta R.T. -0.02 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

Tgt Ion: 84 Resp: 17628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 146.3 | 132.5 | 198.7 |
| 51 | 38.0 | 38.4 | 57.6# |
| 86 | 73.9 | 51.2 | 76.8 |



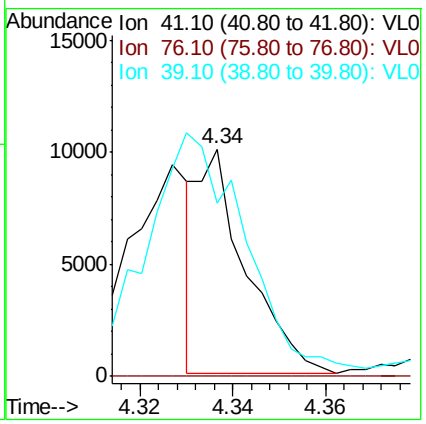


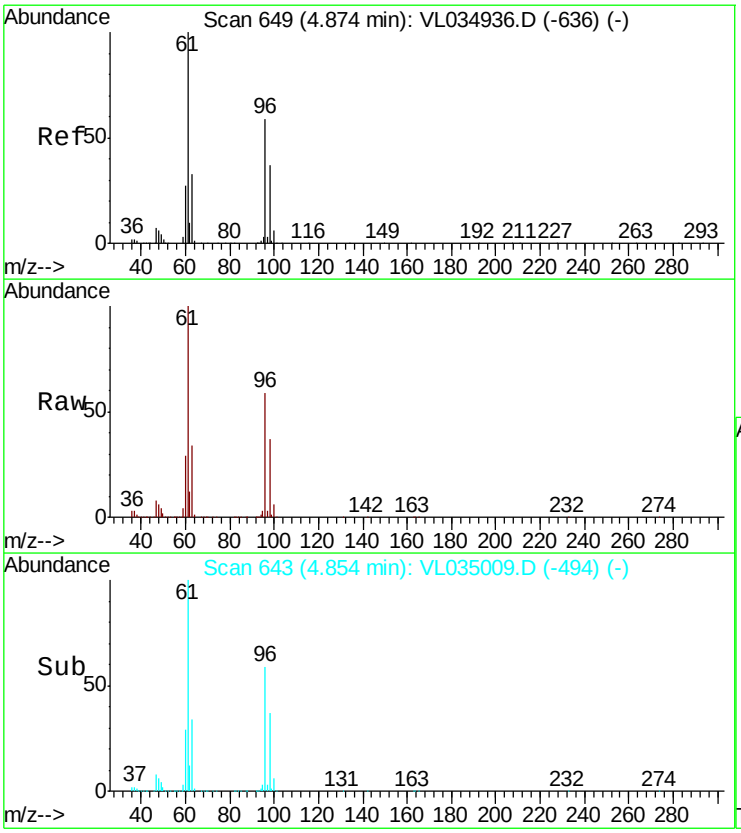

#21
Allyl Chloride
Concen: 0.103 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.05 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
SG-1

Tgt Ion: 41 Resp: 7103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 0.0 | 23.6 | 35.4# |
| 39 | 0.0 | 61.9 | 92.9# |

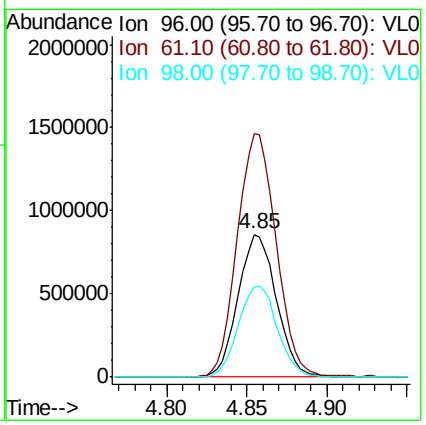


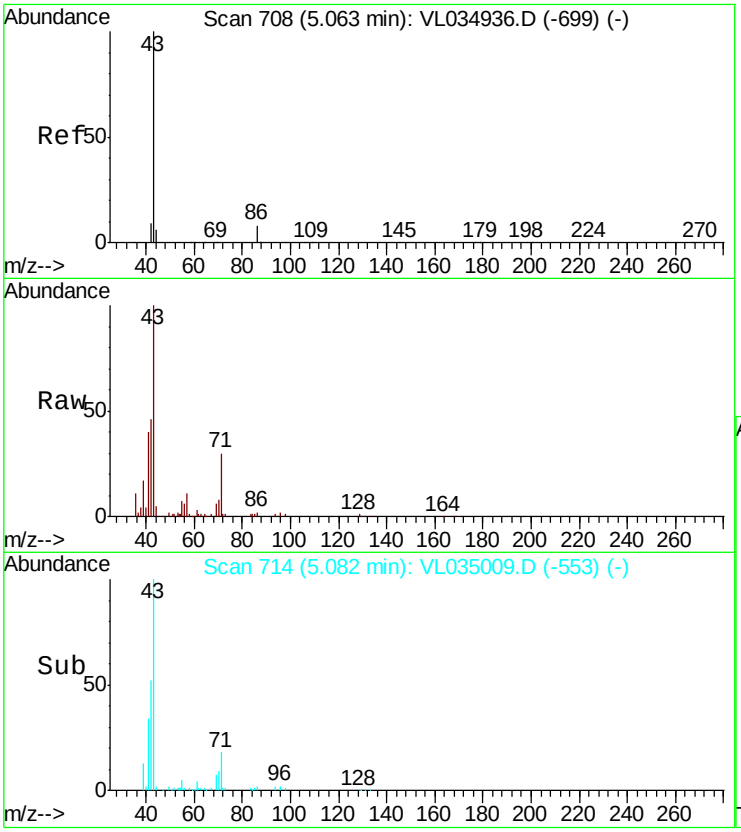




#22
trans-1,2-Dichloroethene
Concen: 33.997 ppbv
RT: 4.85 min Scan# 643
Delta R.T. -0.02 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

Tgt Ion: 96 Resp: 1405929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 170.1 | 135.3 | 202.9 |
| 98 | 62.7 | 50.4 | 75.6 |



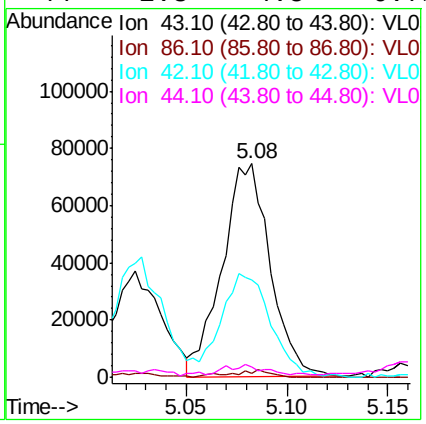


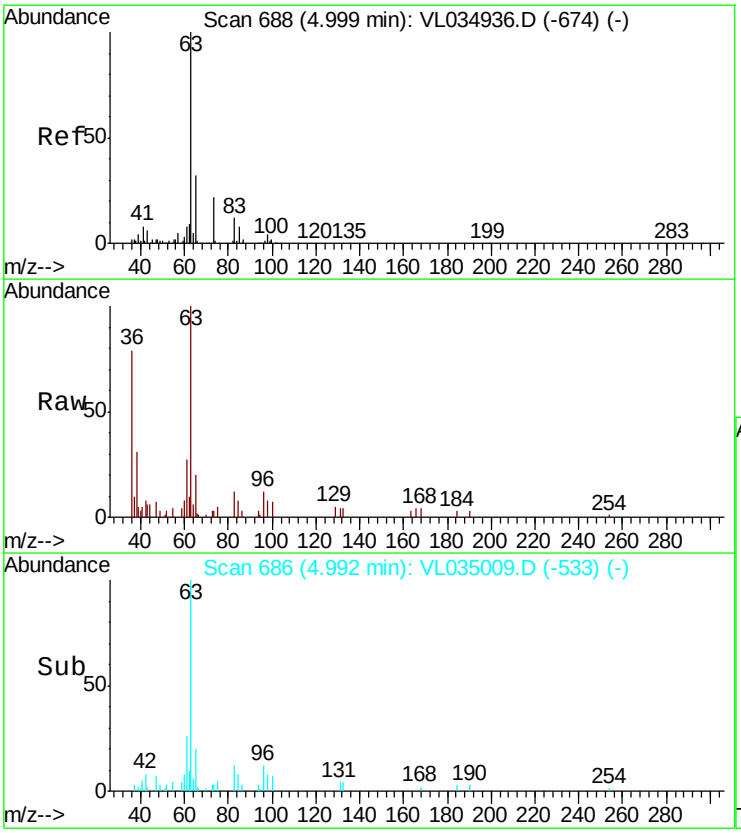

#23
Vinyl Acetate
Concen: 0.799 ppbv
RT: 5.08 min Scan# 714
Delta R.T. 0.02 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :** MSVOA_L
**ClientSampleId :** SG-1

Tgt Ion: 43 Resp: 123722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 1.9 | 5.5 | 8.3# |
| 42 | 45.2 | 8.0 | 12.0# |
| 44 | 2.8 | 4.5 | 6.7# |

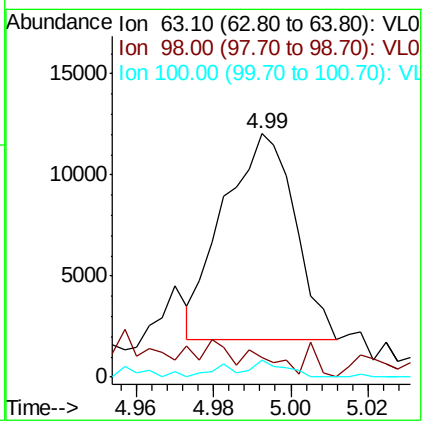


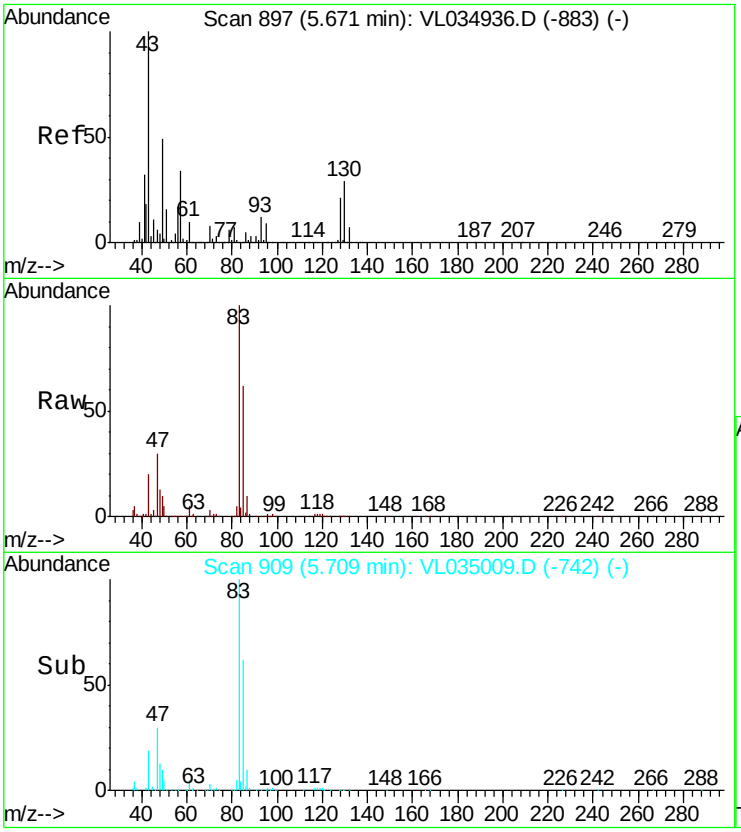




#24
1,1-Dichloroethane
Concen: 0.109 ppbv
RT: 4.99 min Scan# 686
Delta R.T. -0.01 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

Tgt Ion: 63 Resp: 12952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 9.7 | 2.0 | 6.0# |
| 100 | 8.3 | 1.1 | 3.5# |



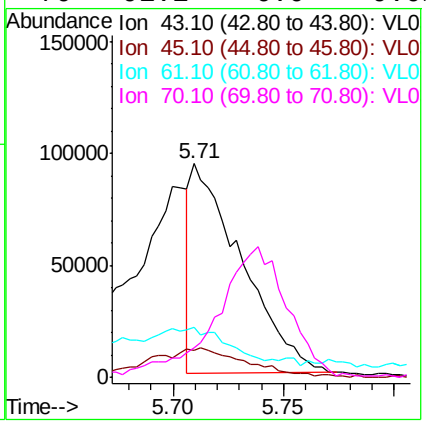


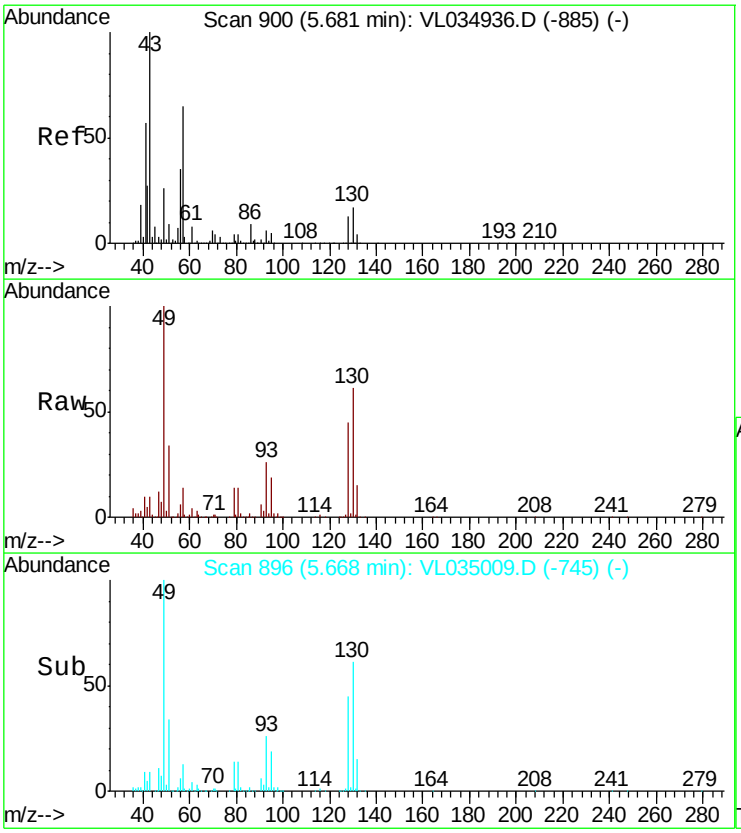

#25
Ethyl Acetate
Concen: 0.720 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.04 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :** MSVOA_L
**ClientSampleId :** SG-1

Tgt Ion: 43 Resp: 147620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 27.8 | 8.1 | 12.1# |
| 61 | 0.0 | 7.8 | 11.8# |
| 70 | 91.1 | 6.0 | 9.0# |

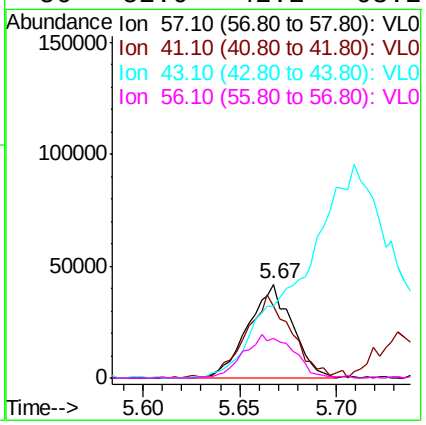


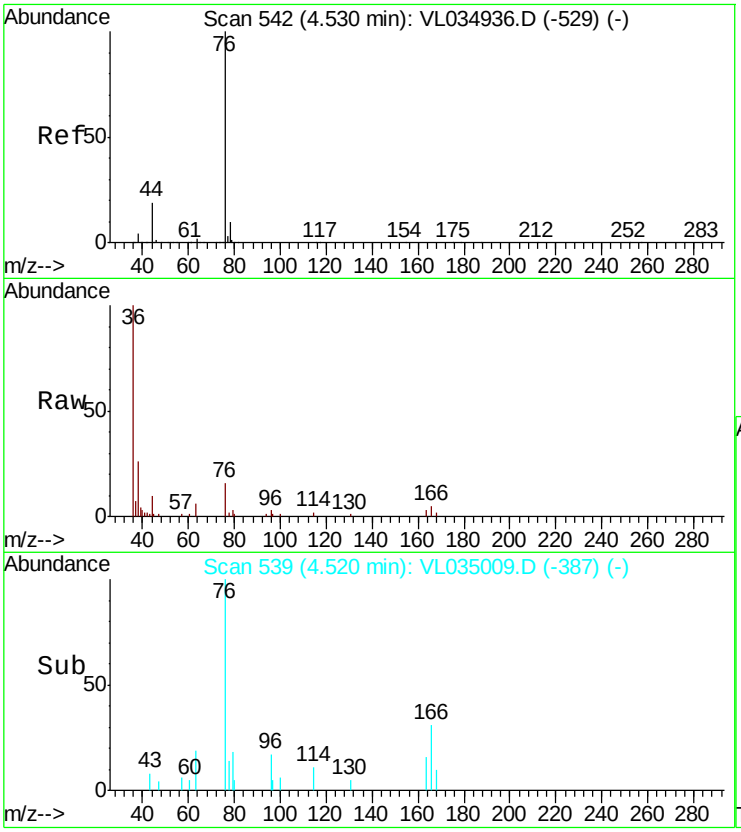




#26
Hexane
Concen: 0.748 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

Tgt Ion: 57 Resp: 66531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 92.3 | 72.7 | 109.1 |
| 43 | 0.0 | 182.1 | 273.1# |
| 56 | 52.0 | 42.2 | 63.2 |



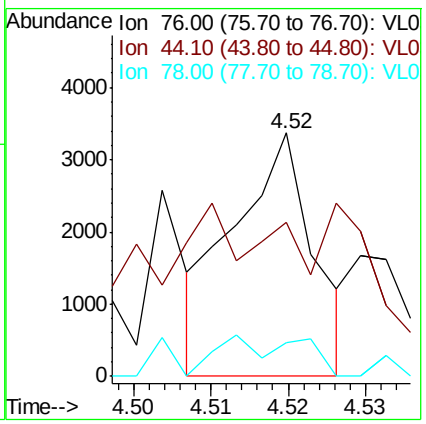


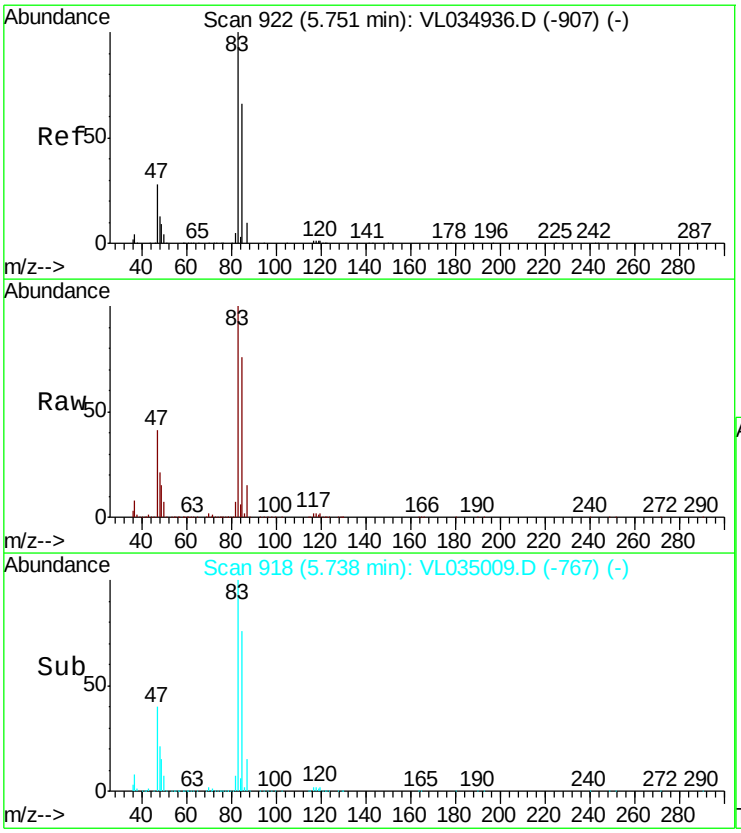

#27
Carbon Disulfide
Concen: 0.023 ppbv
RT: 4.52 min Scan# 539
Delta R.T. -0.01 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :** MSVOA_L
**ClientSampleId :** SG-1

Tgt Ion: 76 Resp: 2444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 44 | 0.0 | 15.2 | 22.8# |
| 78 | 0.0 | 7.7 | 11.5# |

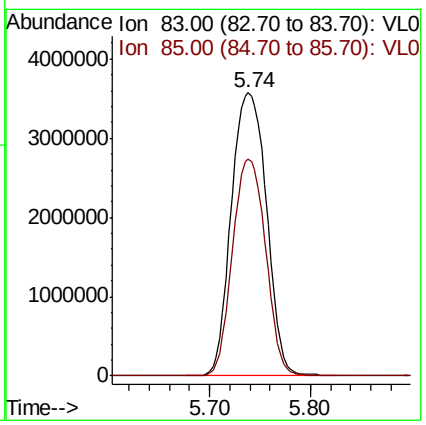


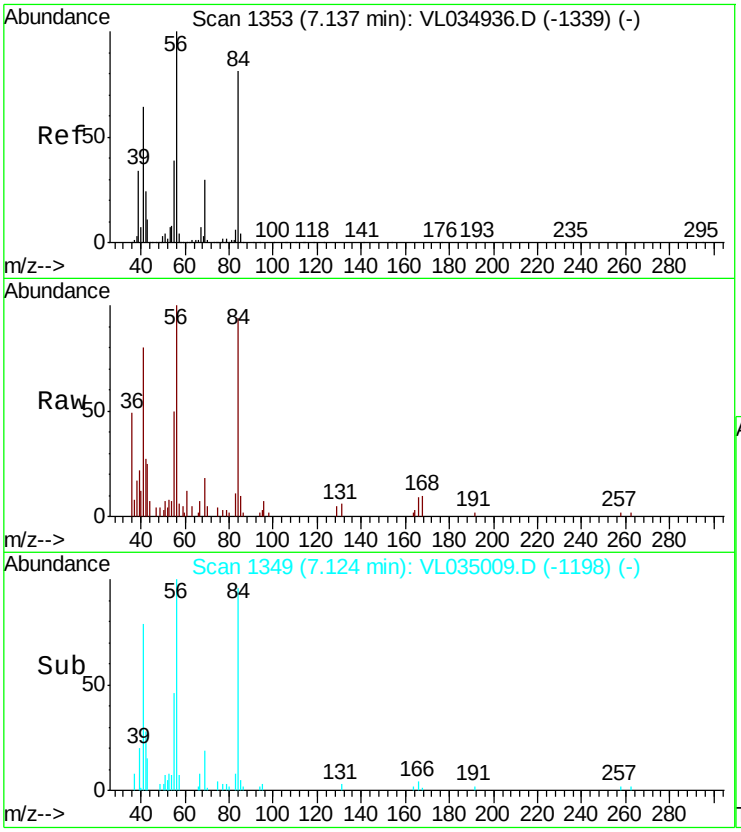




#29
Chloroform
Concen: 59.574 ppbv
RT: 5.74 min Scan# 918
Delta R.T. -0.01 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

Tgt Ion: 83 Resp: 8666288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 76.4 | 53.0 | 79.6 |



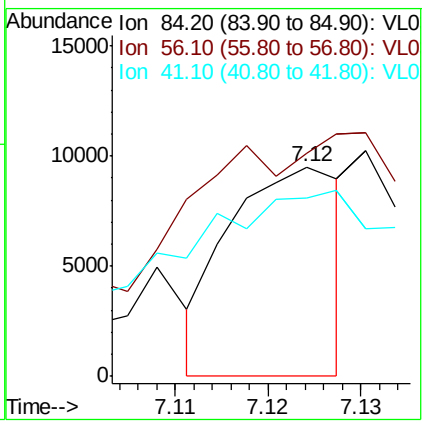


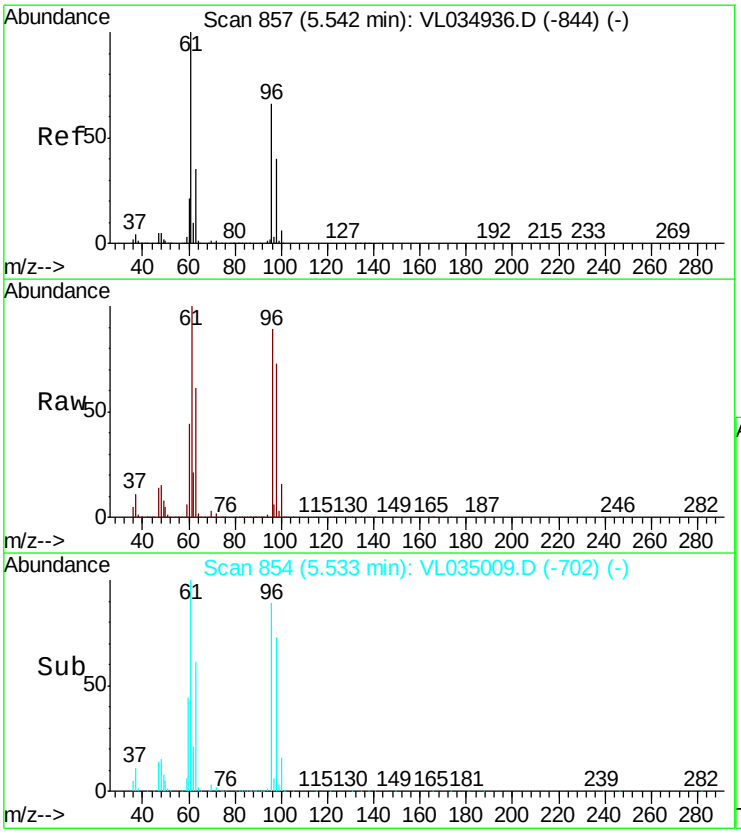

#30
Cyclohexane
Concen: 0.116 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :** MSVOA_L
**ClientSampleId :** SG-1

Tgt Ion: 84 Resp: 7986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 0.0 | 111.4 | 167.2# |
| 41 | 0.0 | 66.7 | 100.1# |

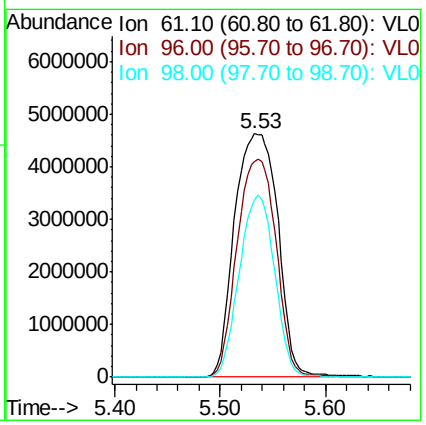


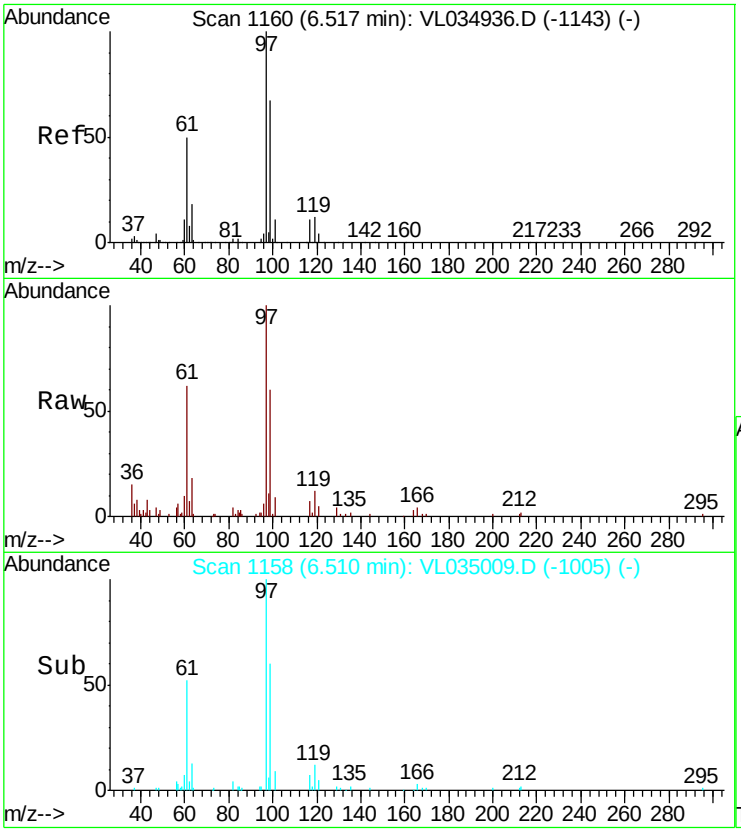




#31
cis-1,2-Dichloroethene
Concen: 152.548 ppbv
RT: 5.53 min Scan# 854
Delta R.T. -0.01 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

Tgt Ion: 61 Resp:13233306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 88.7 | 53.0 | 79.6# |
| 98 | 72.7 | 32.2 | 48.2# |



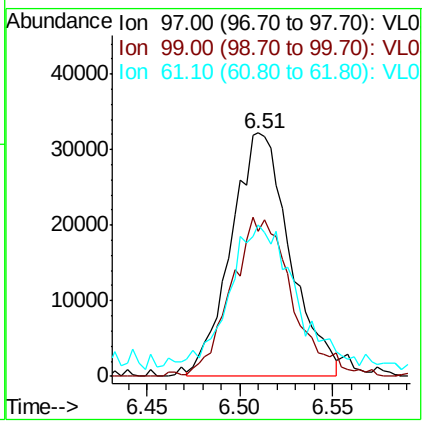


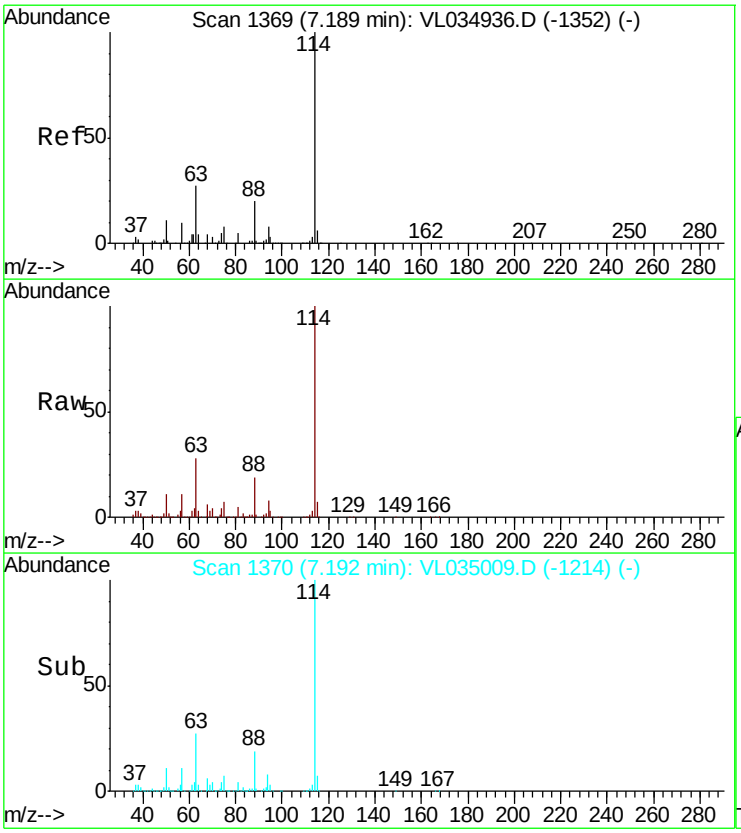

#32
1,1,1-Trichloroethane
Concen: 0.544 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. -0.01 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :** MSVOA_L
**ClientSampleId :** SG-1

Tgt Ion: 97 Resp: 71419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 68.4 | 52.1 | 78.1 |
| 61 | 70.1 | 41.8 | 62.8# |

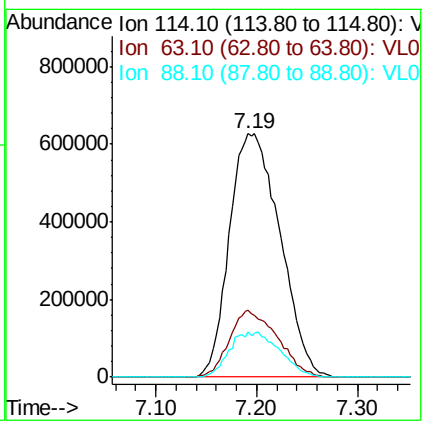


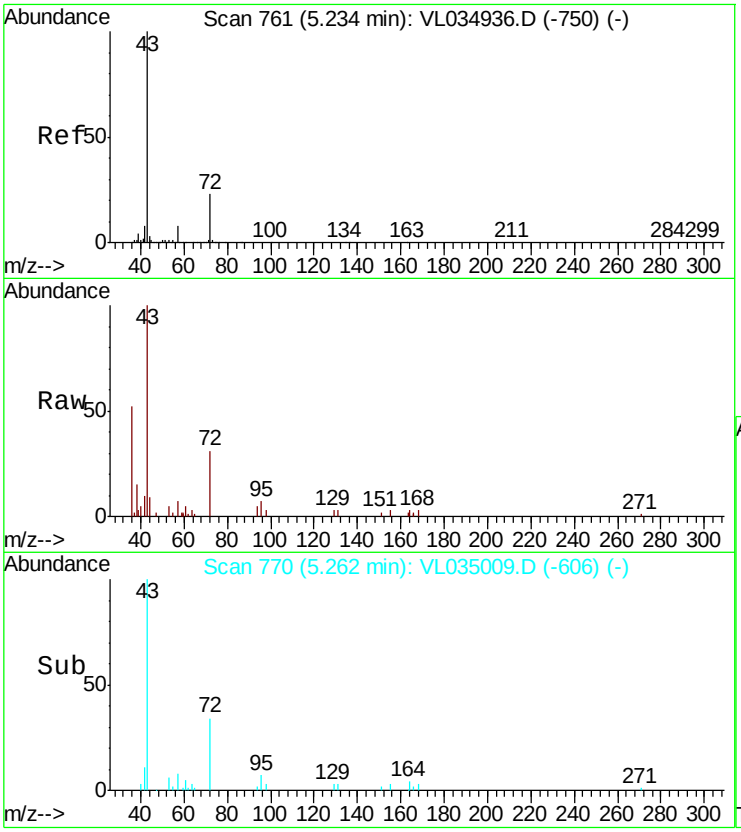




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

Tgt Ion:114 Resp: 2181645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 26.0 | 22.2 | 33.4 |
| 88 | 18.6 | 15.5 | 23.3 |



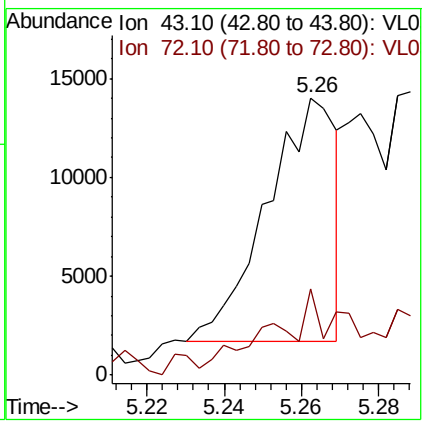


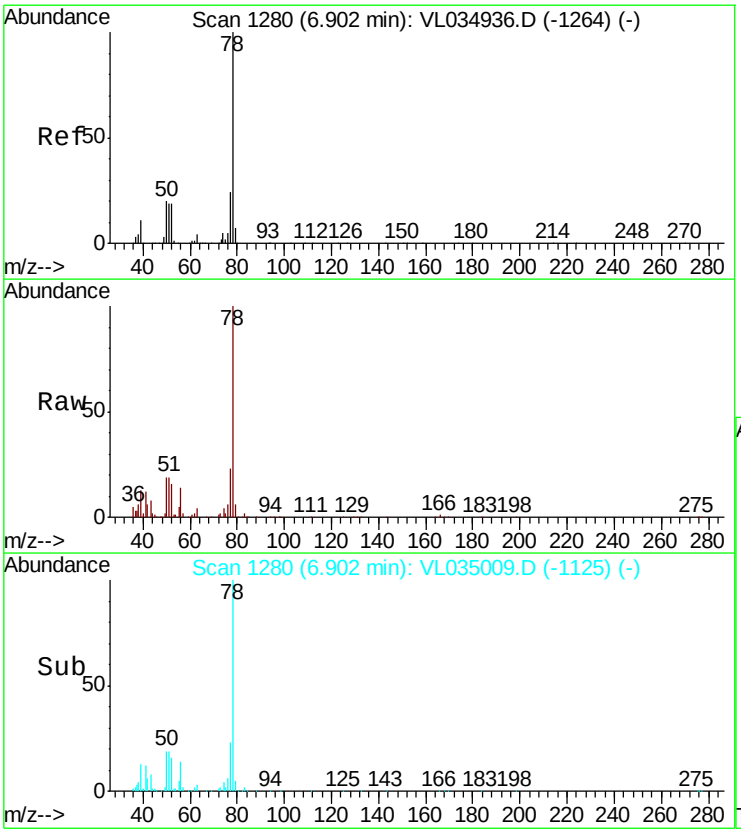

#34
2-Butanone
Concen: 0.113 ppbv
RT: 5.26 min Scan# 770
Delta R.T. 0.03 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
SG-1

Tgt Ion: 43 Resp: 15298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 77.5 | 18.0 | 27.0# |

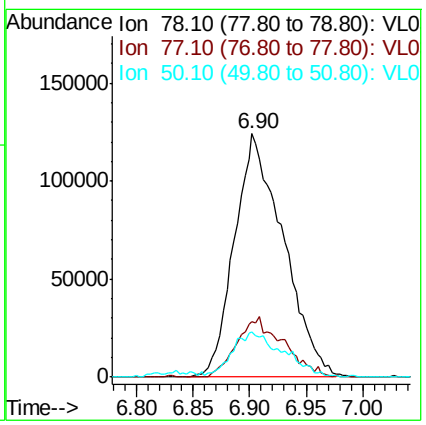


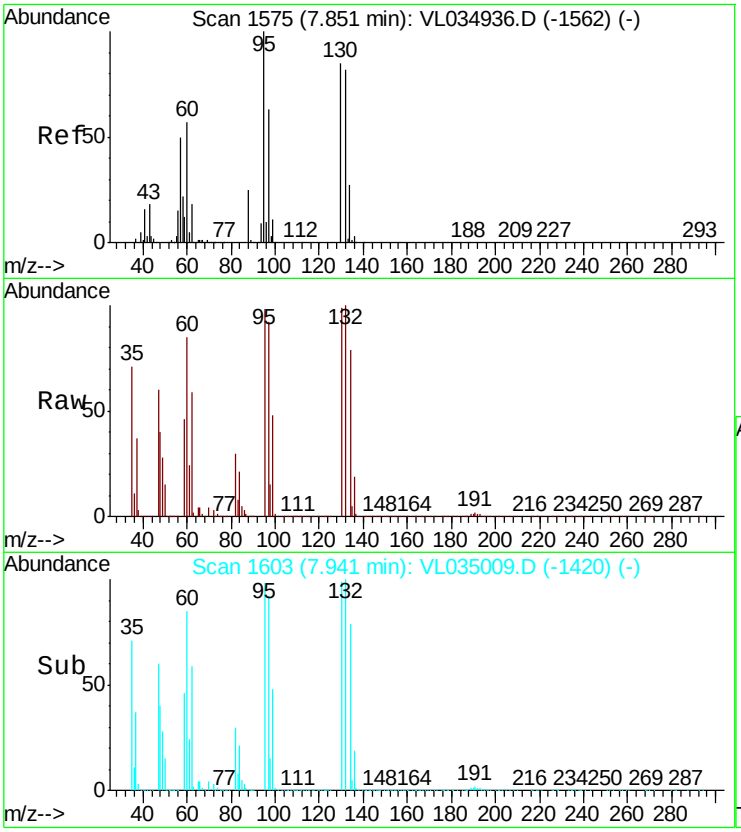




#36
Benzene
Concen: 2.067 ppbv
RT: 6.90 min Scan# 1280
Delta R.T. -0.00 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

Tgt Ion: 78 Resp: 371825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 22.4 | 19.0 | 28.6 |
| 50 | 18.4 | 15.8 | 23.8 |



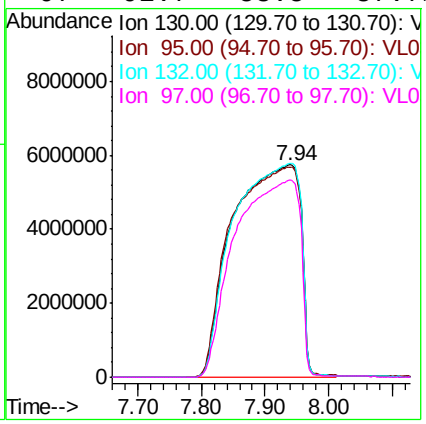


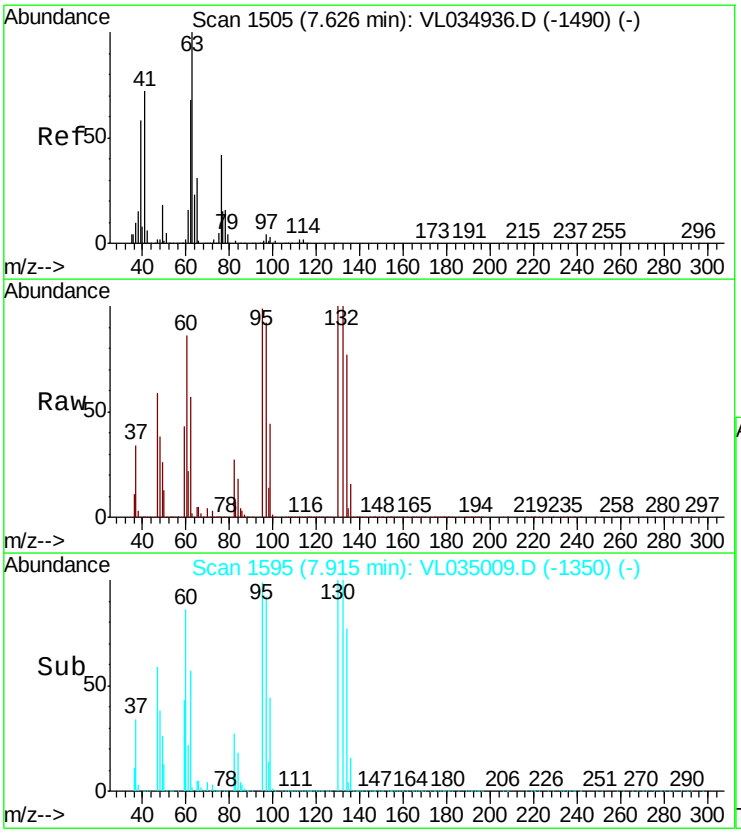

#38
Trichloroethene
Concen: 608.681 ppbv
RT: 7.94 min Scan# 1603
Delta R.T. 0.09 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :** MSVOA_L
**ClientSampleId :** SG-1

Tgt Ion:130 Resp:42414095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 98.9 | 93.4 | 140.0 |
| 132 | 100.6 | 76.4 | 114.6 |
| 97 | 92.7 | 58.5 | 87.7# |

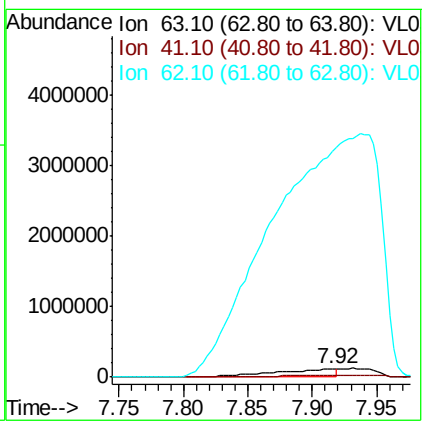


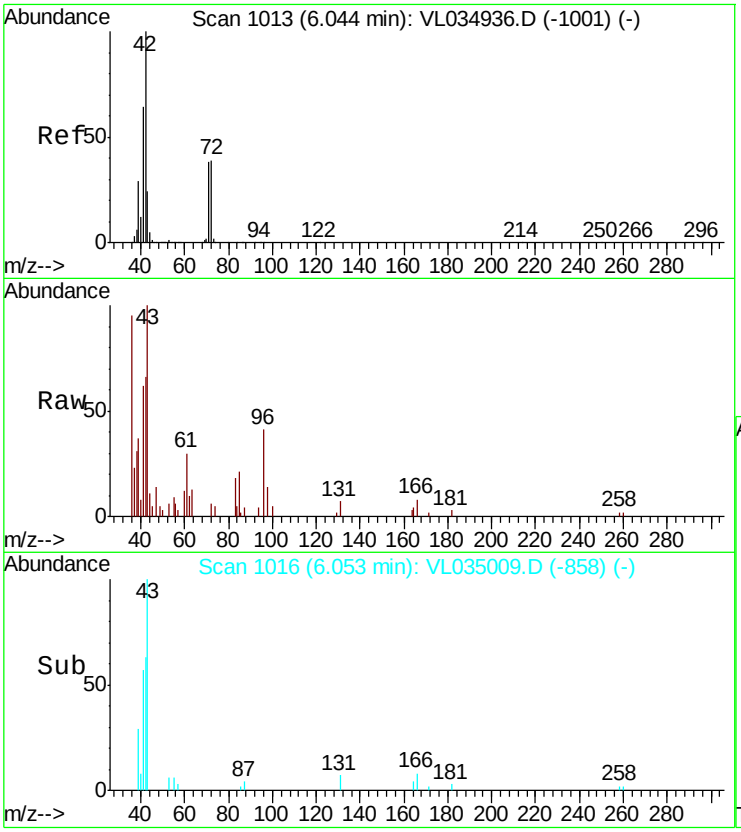




#39
1,2-Dichloropropane
Concen: 5.258 ppbv
RT: 7.92 min Scan# 1595
Delta R.T. 0.29 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

Tgt Ion: 63 Resp: 379135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 16.8 | 57.8 | 86.8# |
| 62 | 2658.0 | 54.2 | 81.2# |



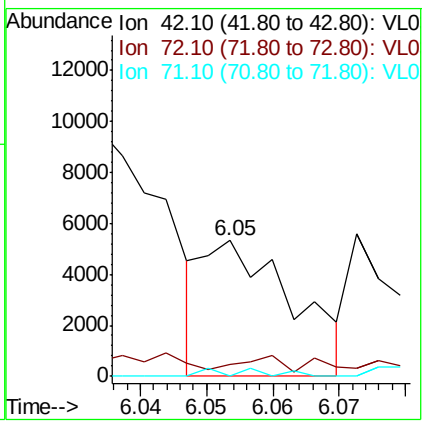


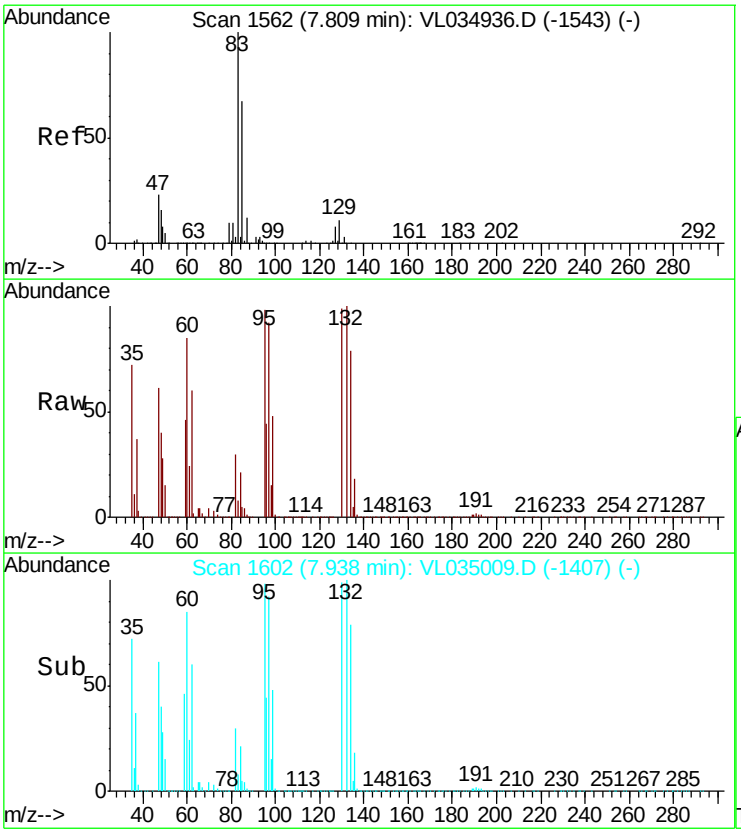

#41
Tetrahydrofuran
Concen: 0.070 ppbv
RT: 6.05 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :** MSVOA_L
**ClientSampleId :** SG-1

Tgt Ion: 42 Resp: 4987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 0.0 | 31.4 | 47.0# |
| 71 | 0.0 | 29.8 | 44.8# |

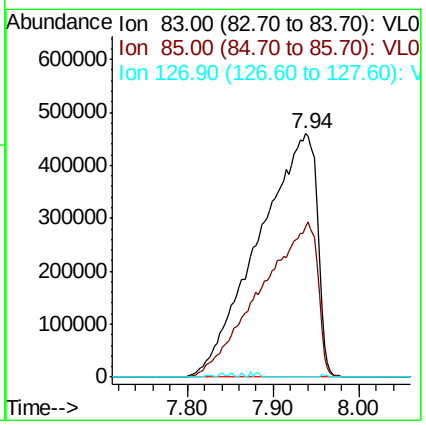


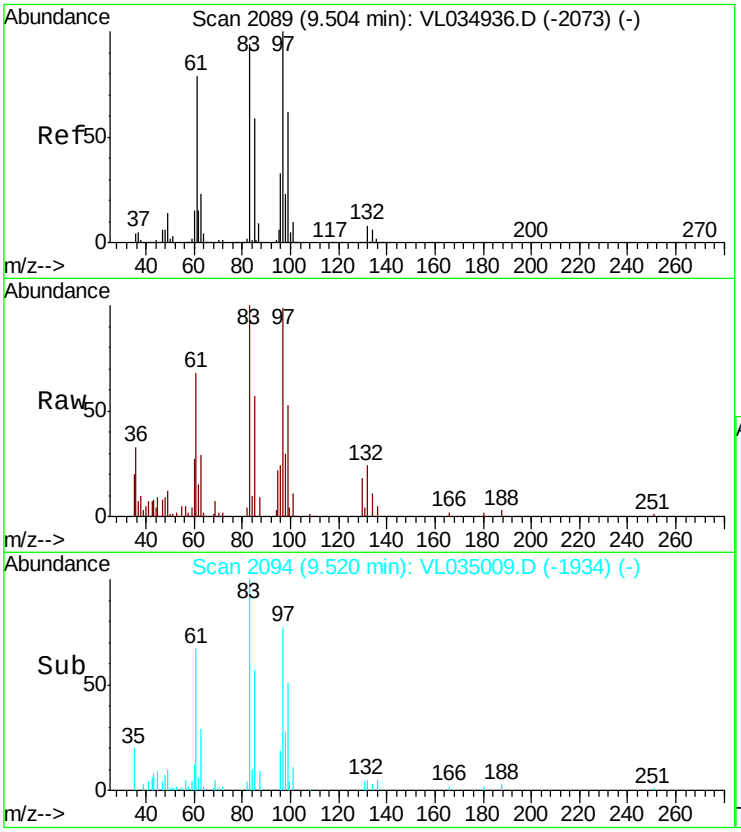




#42
Bromodichloromethane
Concen: 14.436 ppbv
RT: 7.94 min Scan# 1602
Delta R.T. 0.13 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

Tgt Ion: 83 Resp: 2160167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 61.6 | 53.4 | 80.0 |
| 127 | 0.0 | 6.1 | 9.1# |



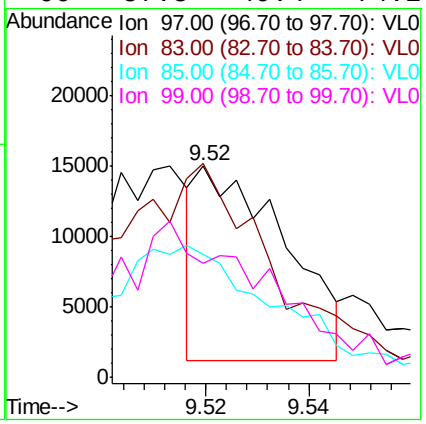


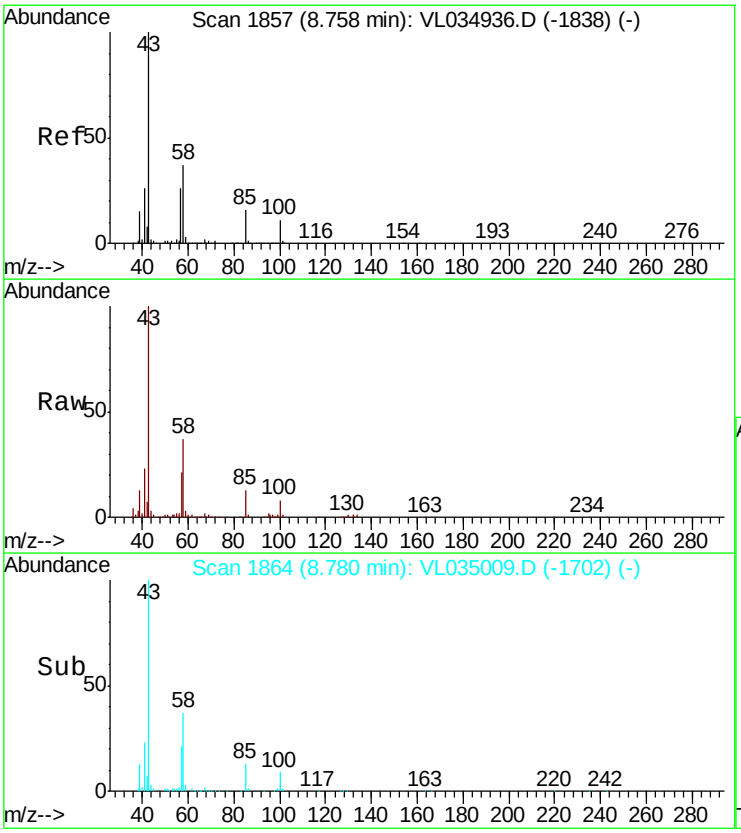

#47
1,1,2-Trichloroethane
Concen: 0.215 ppbv
RT: 9.52 min Scan# 2094
Delta R.T. 0.02 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
SG-1

Tgt Ion: 97 Resp: 16335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 112.3 | 75.6 | 113.4 |
| 85 | 67.3 | 47.0 | 70.6 |
| 99 | 57.8 | 49.4 | 74.2 |

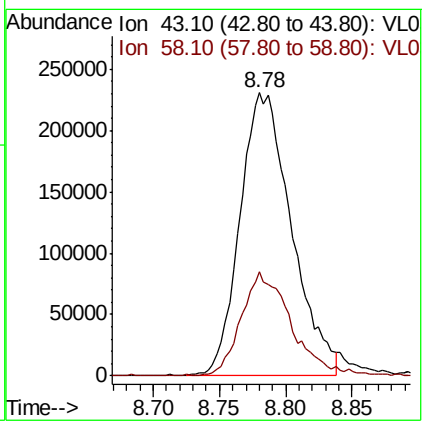


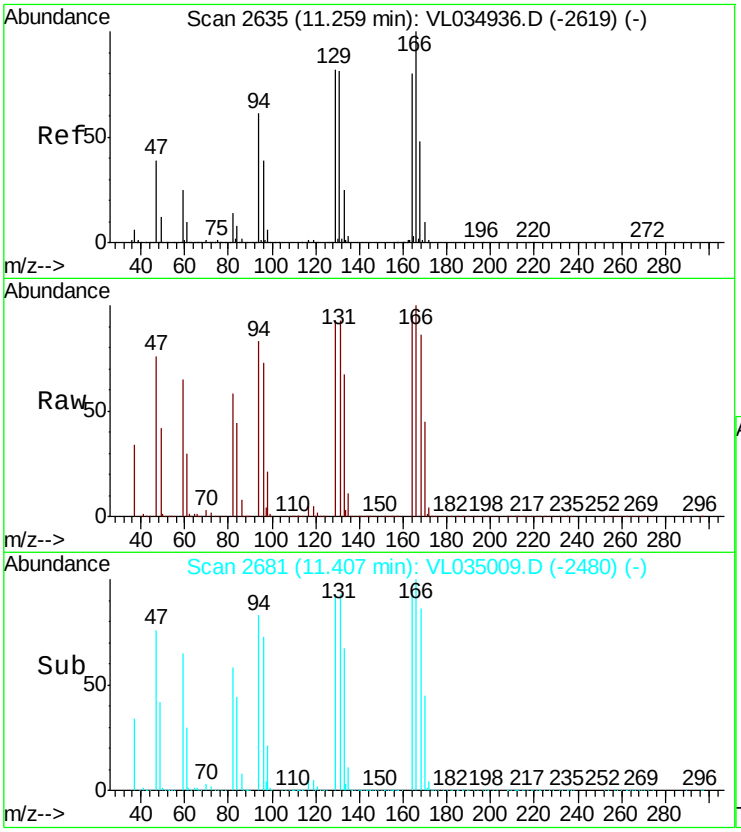




#50
4-Methyl-2-Pentanone
Concen: 3.228 ppbv
RT: 8.78 min Scan# 1864
Delta R.T. 0.02 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

Tgt Ion: 43 Resp: 624177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.0 | 29.1 | 43.7 |



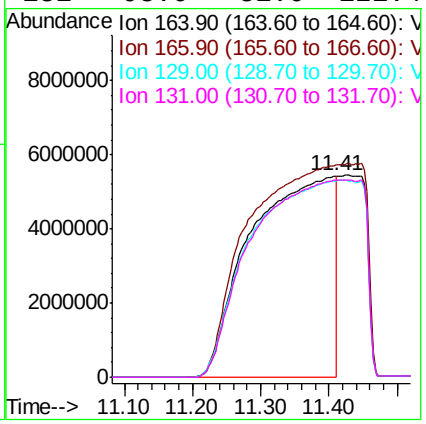


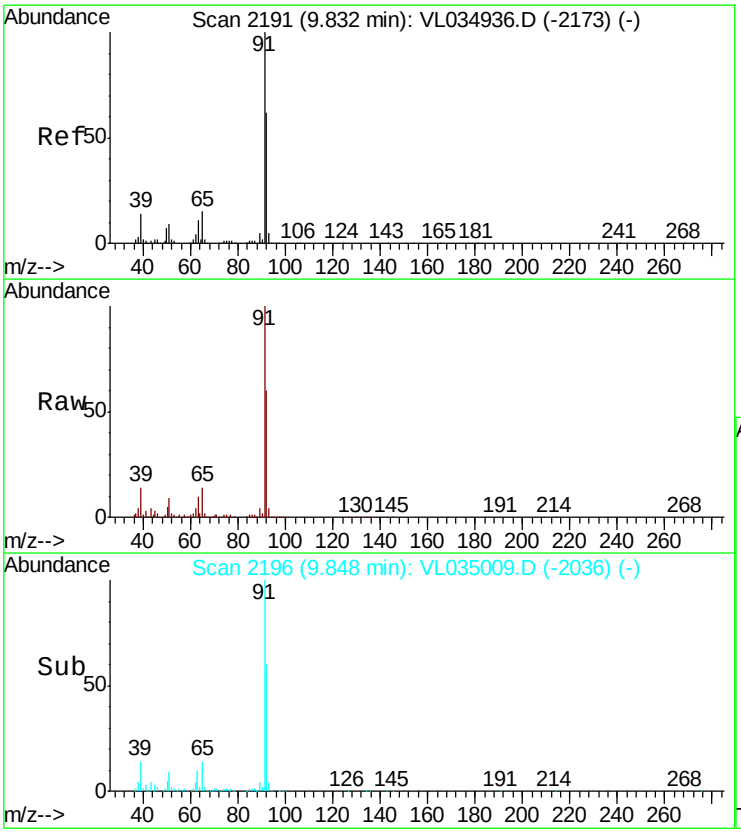

#52
Tetrachloroethene
Concen: 711.874 ppbv
RT: 11.41 min Scan# 2681
Delta R.T. 0.15 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
SG-1

Tgt Ion:164 Resp:45529819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 105.3 | 100.7 | 151.1 |
| 129 | 97.7 | 83.0 | 124.4 |
| 131 | 98.0 | 81.0 | 121.4 |

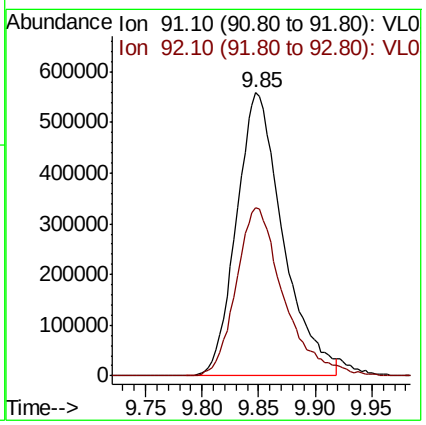


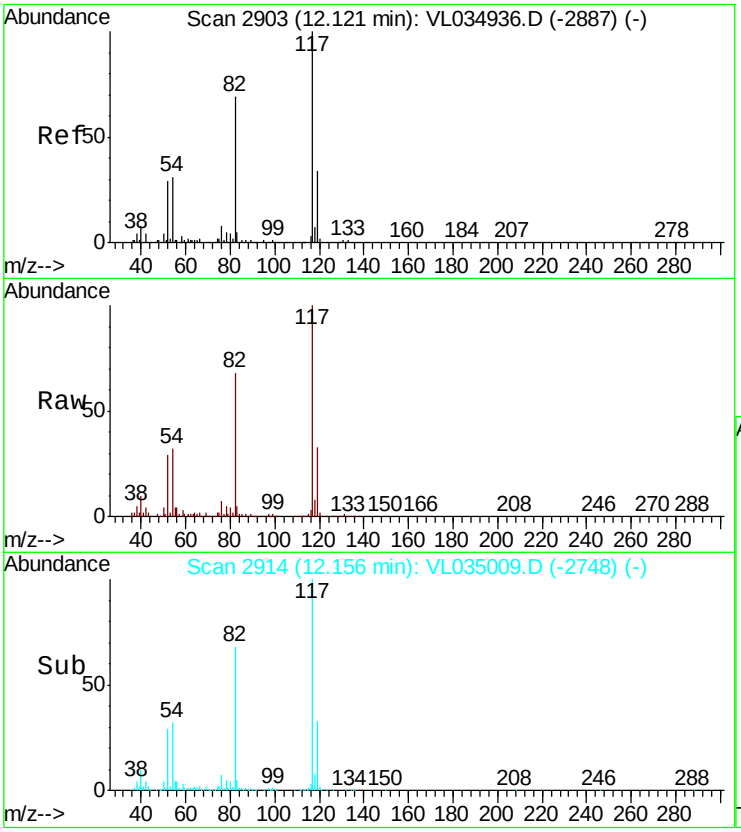




#53
Toluene
Concen: 8.376 ppbv
RT: 9.85 min Scan# 2196
Delta R.T. 0.02 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

Tgt Ion: 91 Resp: 1597074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 60.8 | 48.6 | 73.0 |



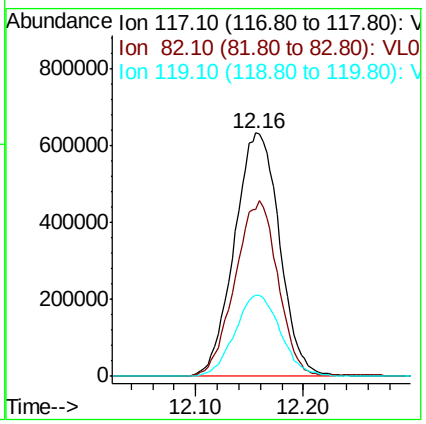


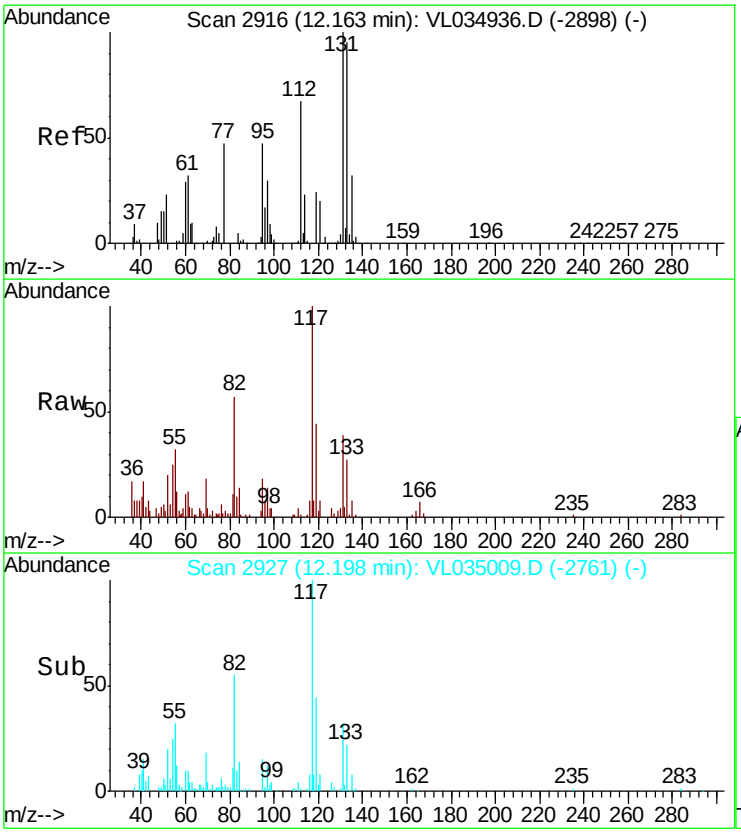

#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. 0.04 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :** MSVOA_L
**ClientSampleId :** SG-1

Tgt Ion:117 Resp: 1839852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 68.8 | 53.1 | 79.7 |
| 119 | 33.8 | 26.7 | 40.1 |

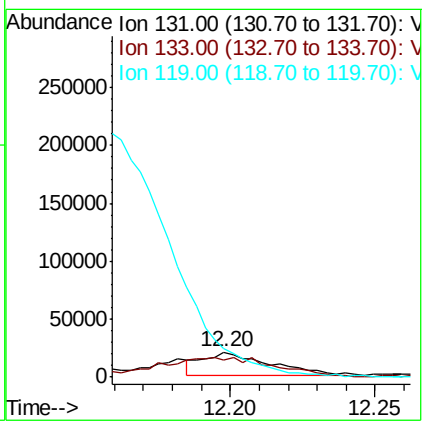


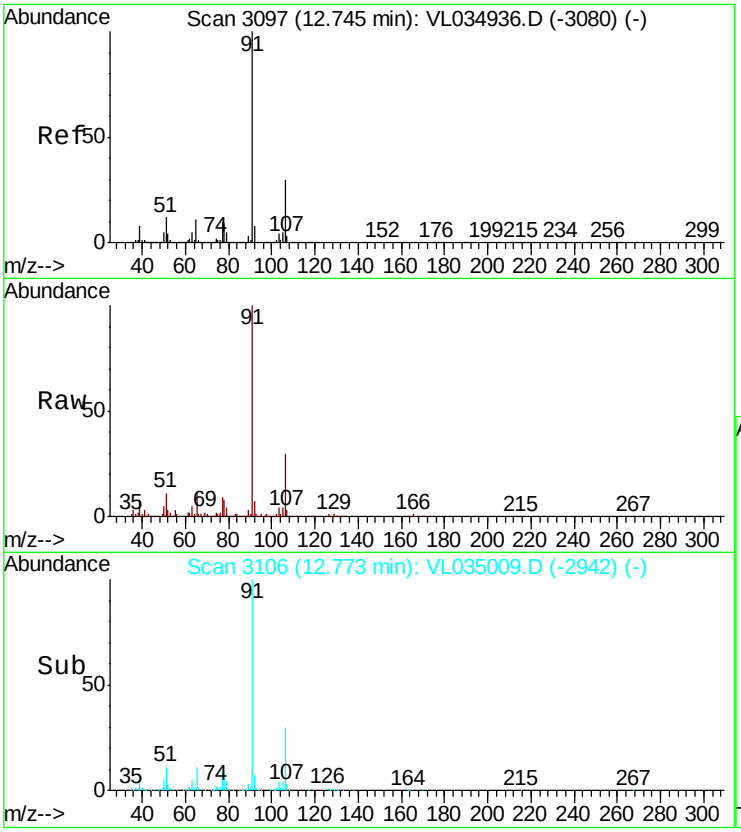




#56
1,1,1,2-Tetrachloroethane
Concen: 0.375 ppbv
RT: 12.20 min Scan# 2927
Delta R.T. 0.04 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

Tgt Ion:131 Resp: 31100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 167.6 | 77.7 | 116.5# |
| 119 | 0.0 | 49.8 | 74.6# |



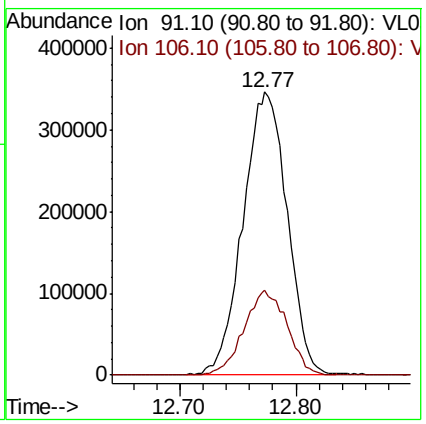


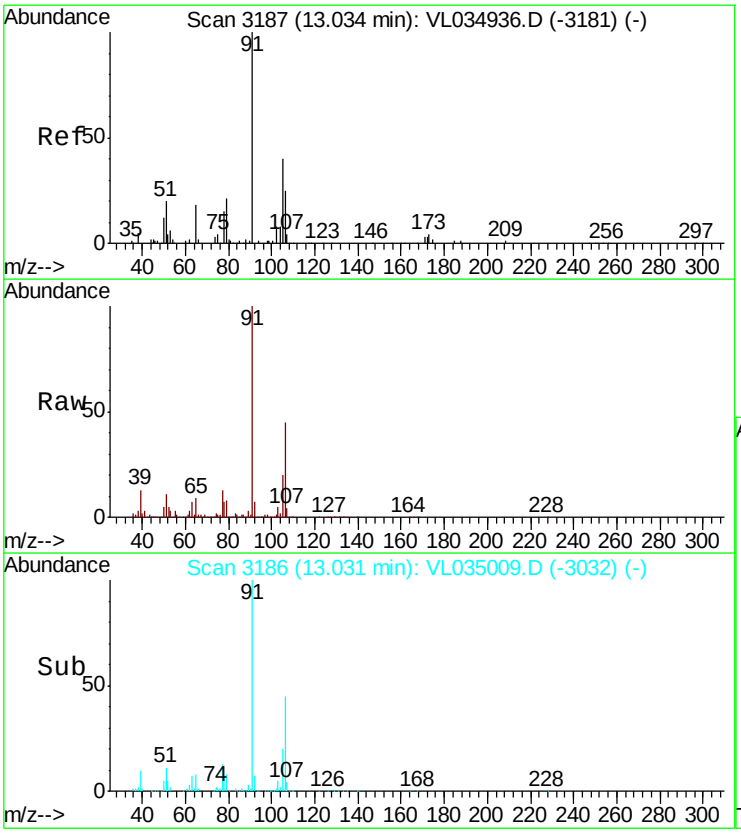

#58
Ethyl Benzene
Concen: 4.003 ppbv
RT: 12.77 min Scan# 3106
Delta R.T. 0.03 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :** MSVOA_L
**ClientSampleId :** SG-1

Tgt Ion: 91 Resp: 910625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.9 | 24.2 | 36.4 |

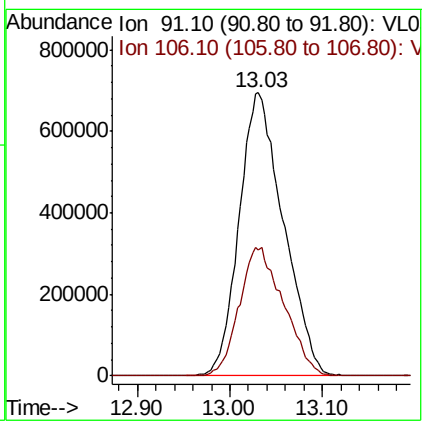


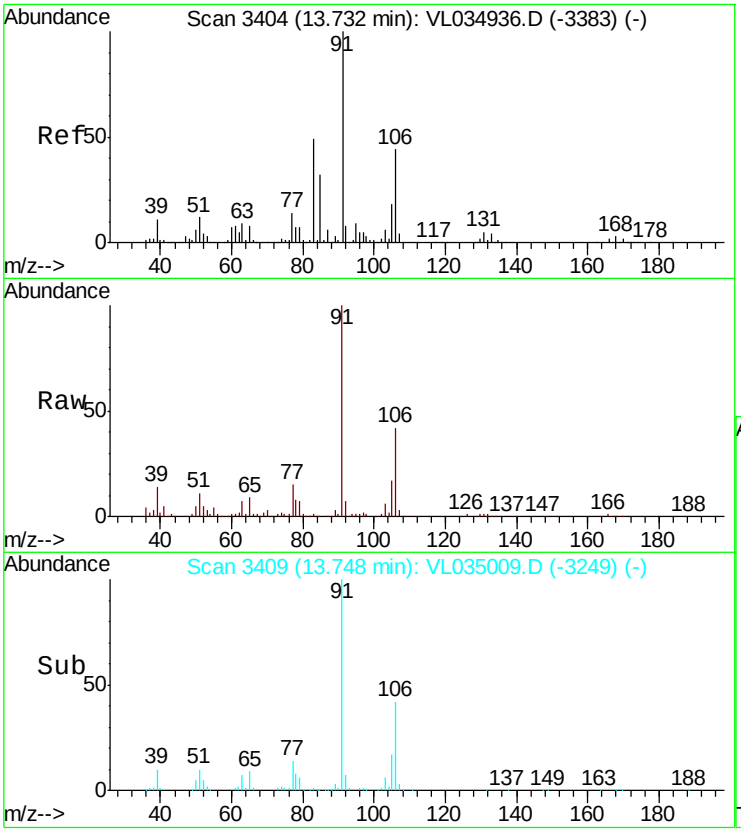




#59
m/p-Xylene
Concen: 11.520 ppbv
RT: 13.03 min Scan# 3186
Delta R.T. -0.00 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

Tgt Ion: 91 Resp: 2305972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 45.5 | 66.0 | 99.0# |



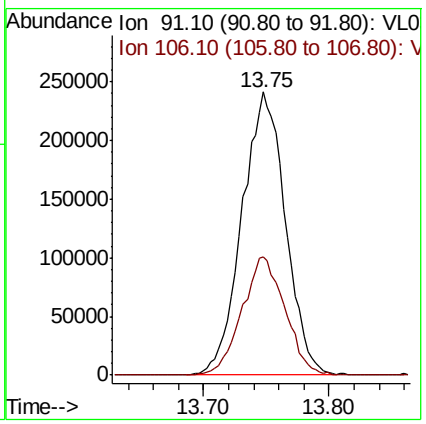


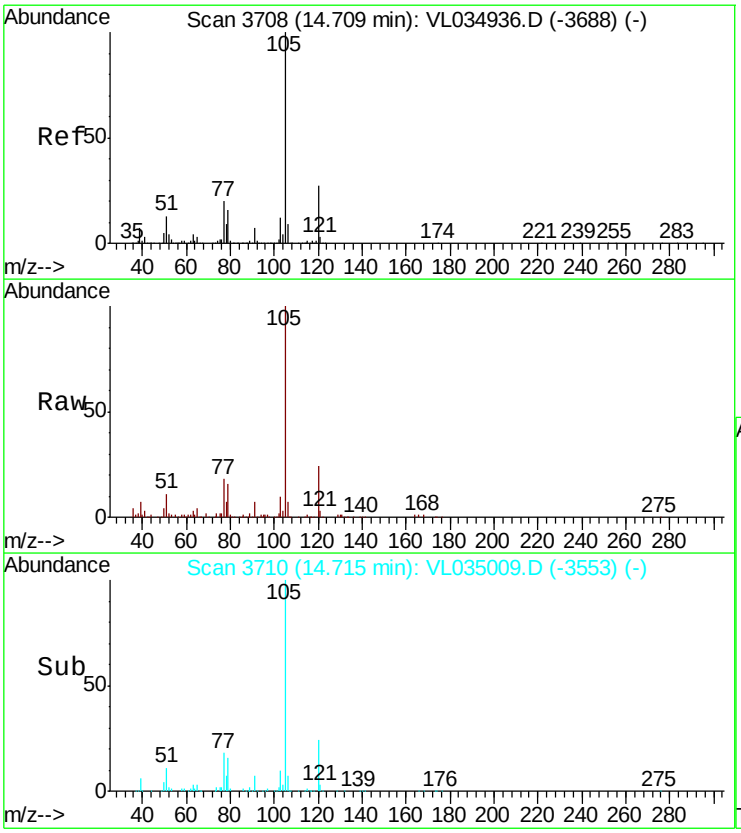

#60
o-Xylene
Concen: 2.922 ppbv
RT: 13.75 min Scan# 3409
Delta R.T. 0.02 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
SG-1

Tgt Ion: 91 Resp: 577089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 41.9 | 21.9 | 65.5 |

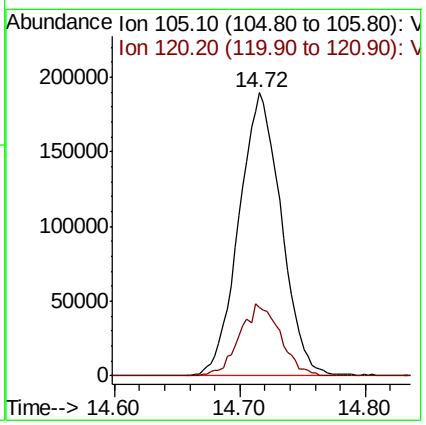


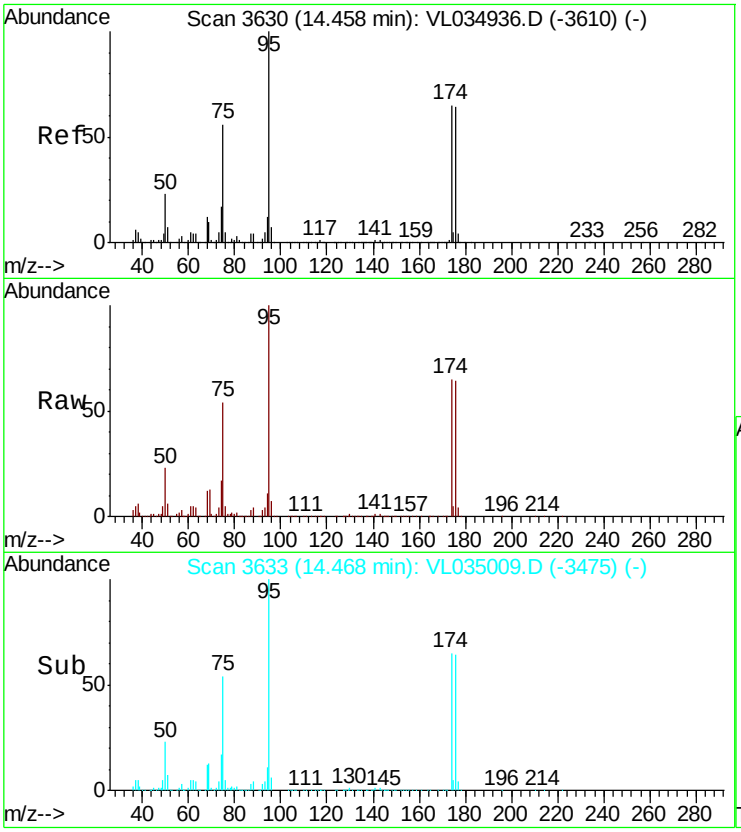




#62
Isopropylbenzene
Concen: 1.499 ppbv
RT: 14.72 min Scan# 3710
Delta R.T. 0.01 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

Tgt Ion:105 Resp: 442171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 24.6 | 20.6 | 31.0 |






#68
1-Bromo-4-Fluorobenzene
Concen: 10.033 ppbv
RT: 14.47 min Scan# 3633
Delta R.T. 0.01 min
Lab File: VL035009.D
Acq: 13 May 2020 5:17

**Instrument :**
MSVOA_L
**ClientSampleId :**
SG-1

Tgt Ion: 95 Resp: 1494128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 65.0 | 51.5 | 77.3 |
| 175 | 4.8 | 3.8 | 5.8 |