Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\

Quantitation Report (Not Reviewed)

Data File : VL032948.D
Acq On : 7 Dec 2018 23:43
Operator : SY/AP
Sample : J6262-03 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** SV1

Quant Time: Dec 08 02:04:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.76 | 49 | 1311967 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.30 | 114 | 3285910 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.27 | 117 | 3148398 | 10.00 | ppbv | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.60 | 95 | 2618649 | 11.26 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 112.60% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.08 | 85 | 11508 | 0.066 | ppbv | | 99 |
| 3) Chlorodifluoromethane | 3.02 | 51 | 143997 | 1.449 | ppbv | # | 83 |
| 4) Chloromethane | 3.17 | 50 | 9739 | 0.168 | ppbv | | 93 |
| 7) Chloroethane | 3.60 | 64 | 759 | 0.036 | ppbv | # | 72 |
| 9) Propene | 3.05 | 41 | 8728 | 0.222 | ppbv | | 86 |
| 10) Heptane | 8.24 | 43 | 4652 | 0.032 | ppbv | # | 26 |
| 13) Ethanol | 3.66 | 45 | 62840 | 4.645 | ppbv | | 95 |
| 15) Acetone | 3.91 | 43 | 623900 | 5.540 | ppbv | | 99 |
| 16) 1,3-Butadiene | 3.35 | 39 | 6850 | 0.153 | ppbv | # | 14 |
| 18) 1,1-Dichloroethene | 4.35 | 96 | 2372 | 0.043 | ppbv | # | 59 |
| 19) Isopropyl Alcohol | 4.05 | 45 | 33751 | 0.477 | ppbv | # | 95 |
| 20) Methylene Chloride | 4.41 | 84 | 24492 | 0.445 | ppbv | # | 88 |
| 22) trans-1,2-Dichloroethene | 4.97 | 96 | 115517 | 1.688 | ppbv | | 89 |
| 23) Vinyl Acetate | 5.14 | 43 | 9429 | 0.049 | ppbv | # | 15 |
| 24) 1,1-Dichloroethane | 4.97 | 63 | 59041 | 0.356 | ppbv | # | 1 |
| 25) Ethyl Acetate | 5.78 | 43 | 70898 | 0.267 | ppbv | # | 82 |
| 26) Hexane | 5.78 | 57 | 92138 | 0.750 | ppbv | # | 46 |
| 27) Carbon Disulfide | 4.63 | 76 | 49094 | 0.320 | ppbv | # | 84 |
| 29) Chloroform | 5.85 | 83 | 52059 | 0.238 | ppbv | # | 80 |
| 31) cis-1,2-Dichloroethene | 5.64 | 61 | 1676563 | 14.876 | ppbv | | 98 |
| 34) 2-Butanone | 5.35 | 43 | 16547 | 0.116 | ppbv | # | 75 |
| 38) Trichloroethene | 7.97 | 130 | 9242539 | 91.891 | ppbv | | 97 |
| 39) 1,2-Dichloropropane | 7.96 | 63 | 24929 | 0.272 | ppbv | # | 1 |
| 42) Bromodichloromethane | 7.97 | 83 | 131633 | 0.577 | ppbv | # | 96 |
| 44) 2,2,4-Trimethylpentane | 8.00 | 57 | 15026 | 0.037 | ppbv | # | 1 |
| 53) Toluene | 9.96 | 91 | 114267 | 0.446 | ppbv | | 95 |
| 58) Ethyl Benzene | 12.90 | 91 | 20675 | 0.062 | ppbv | | 96 |
| 59) m/p-Xylene | 13.15 | 91 | 165736 | 0.544 | ppbv | # | 100 |
| 60) o-Xylene | 13.87 | 91 | 89822 | 0.292 | ppbv | | 97 |
| 71) 2-Chlorotoluene | 15.74 | 91 | 34843 | 0.109 | ppbv | | 92 |
| 72) 4-Ethyltoluene | 16.02 | 105 | 18899 | 0.055 | ppbv | # | 10 |
| 73) 1,3,5-Trimethylbenzene | 16.17 | 105 | 45725 | 0.136 | ppbv | | 91 |
| 74) 1,2,4-Trimethylbenzene | 16.94 | 105 | 143726 | 0.380 | ppbv | # | 72 |

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

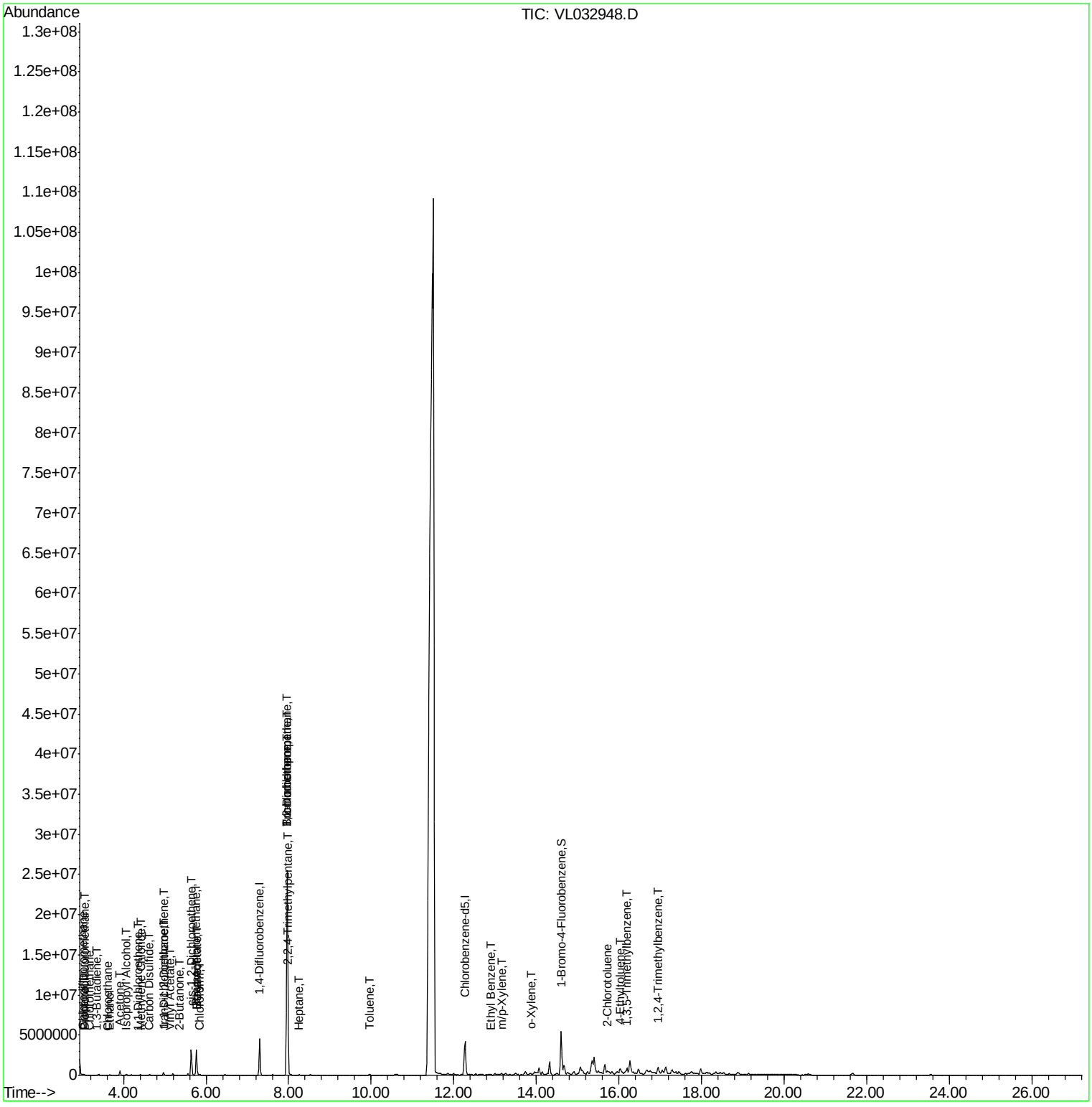
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\

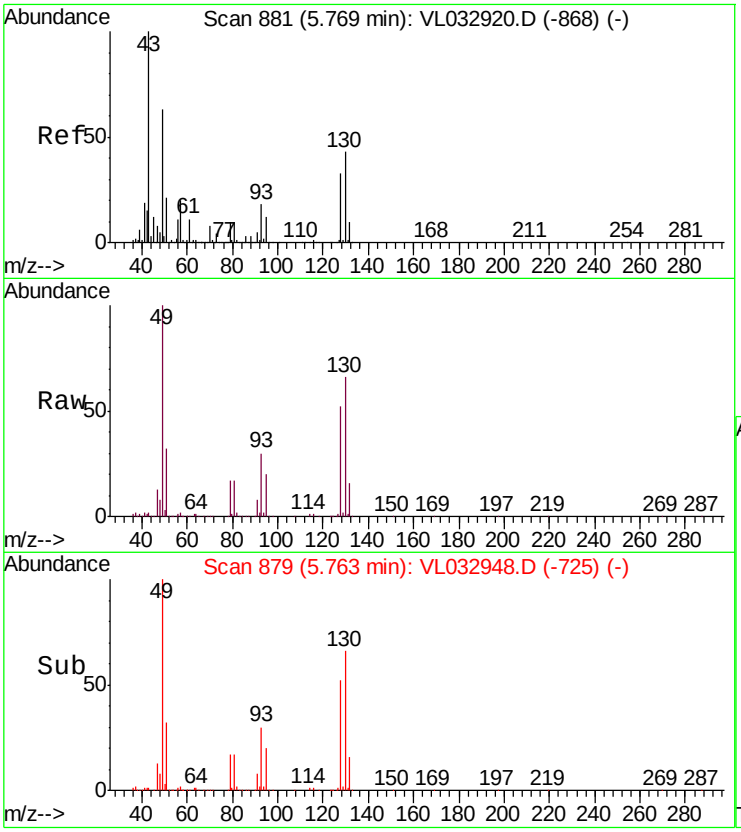
Quantitation Report (Not Reviewed)

Data File : VL032948.D
Acq On : 7 Dec 2018 23:43
Operator : SY/AP
Sample : J6262-03 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** SV1

Quant Time: Dec 08 02:04:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration



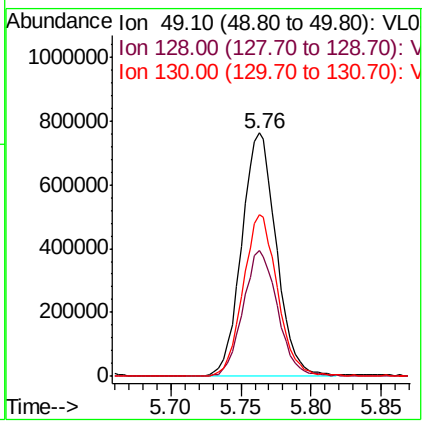


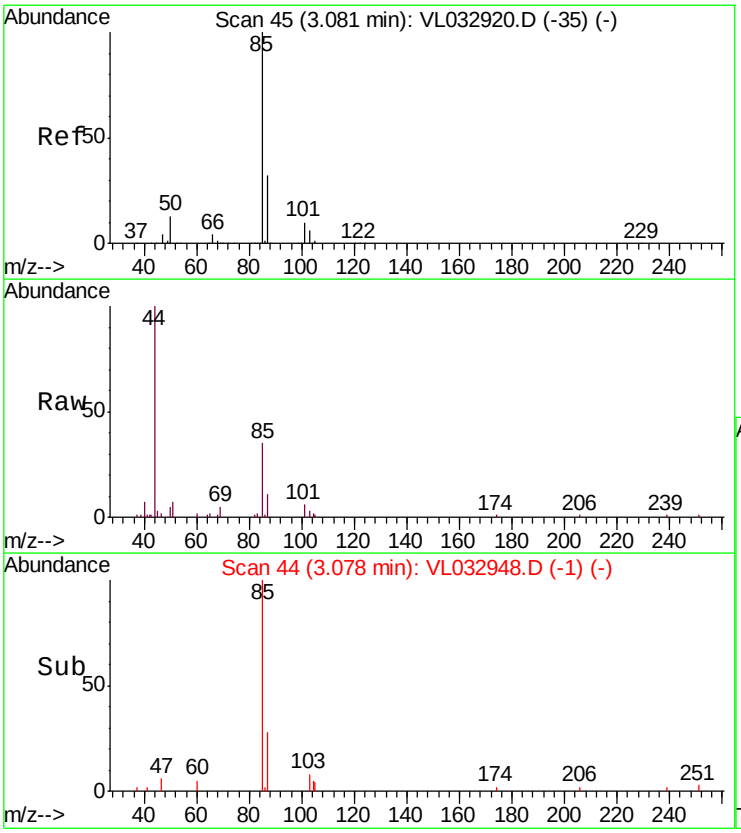

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.01 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV1

Tgt Ion: 49 Resp: 1311967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 51.8 | 26.3 | 78.8 |
| 130 | 66.0 | 33.9 | 101.7 |

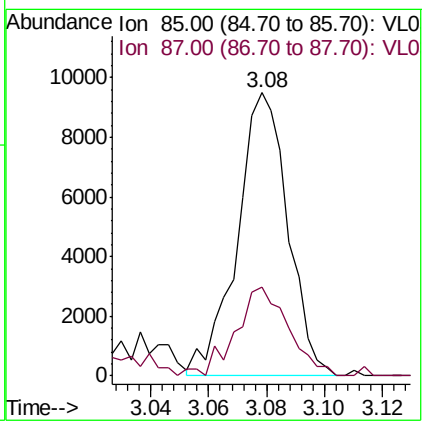


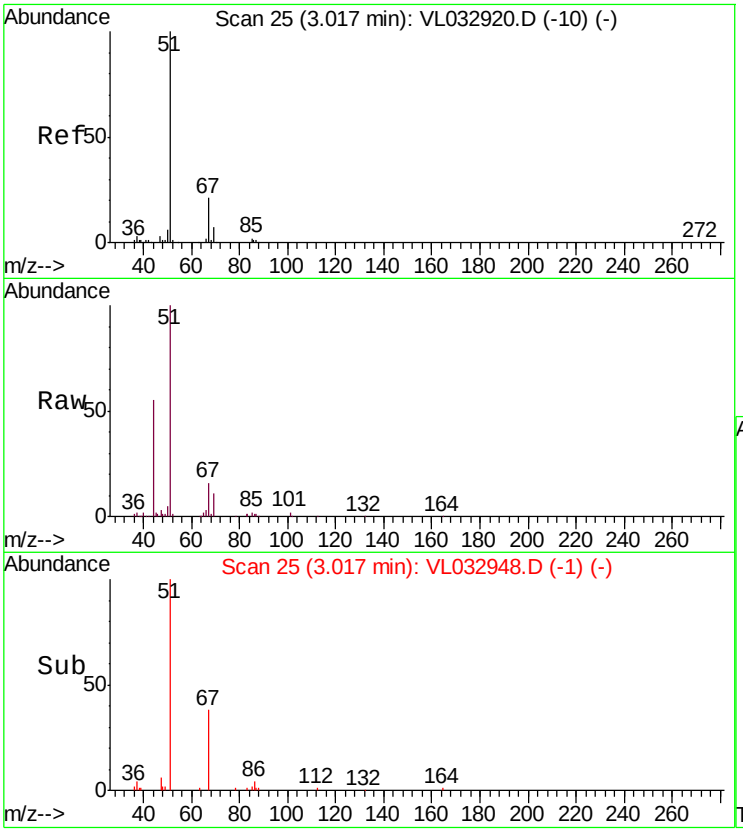




#2
Dichlorodifluoromethane
Concen: 0.066 ppbv
RT: 3.08 min Scan# 44
Delta R.T. -0.00 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

Tgt Ion: 85 Resp: 11508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.3 | 25.7 | 38.5 |



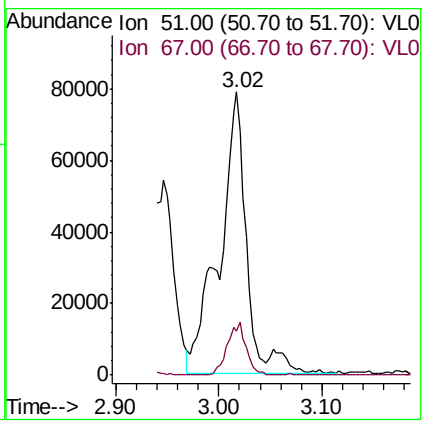


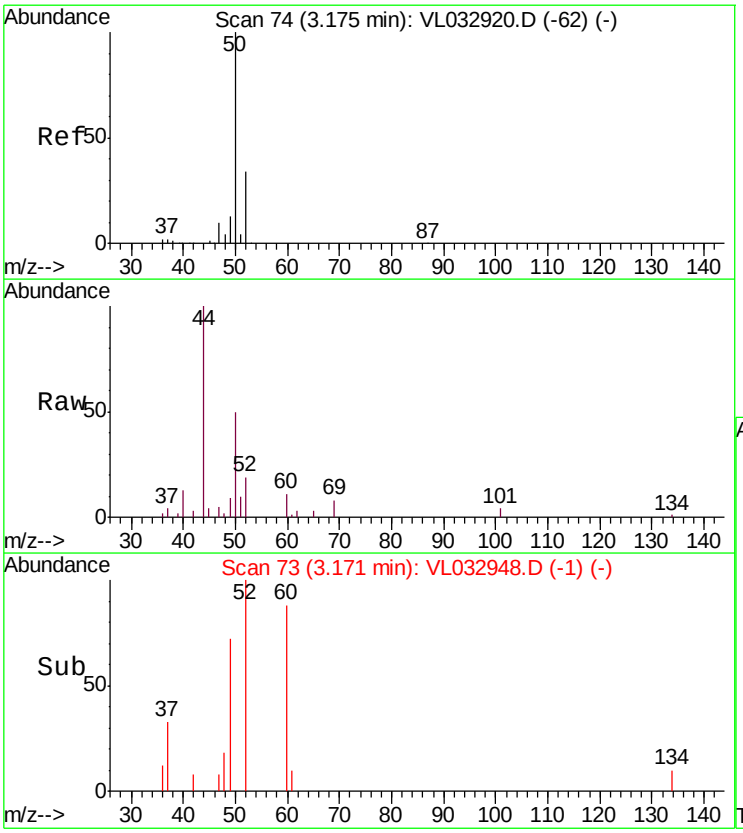

#3
Chlorodifluoromethane
Concen: 1.449 ppbv
RT: 3.02 min Scan# 25
Delta R.T. 0.00 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV1

Tgt Ion: 51 Resp: 143997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 13.1 | 16.8 | 25.2# |

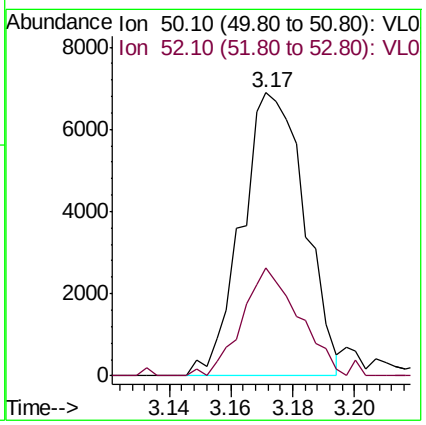


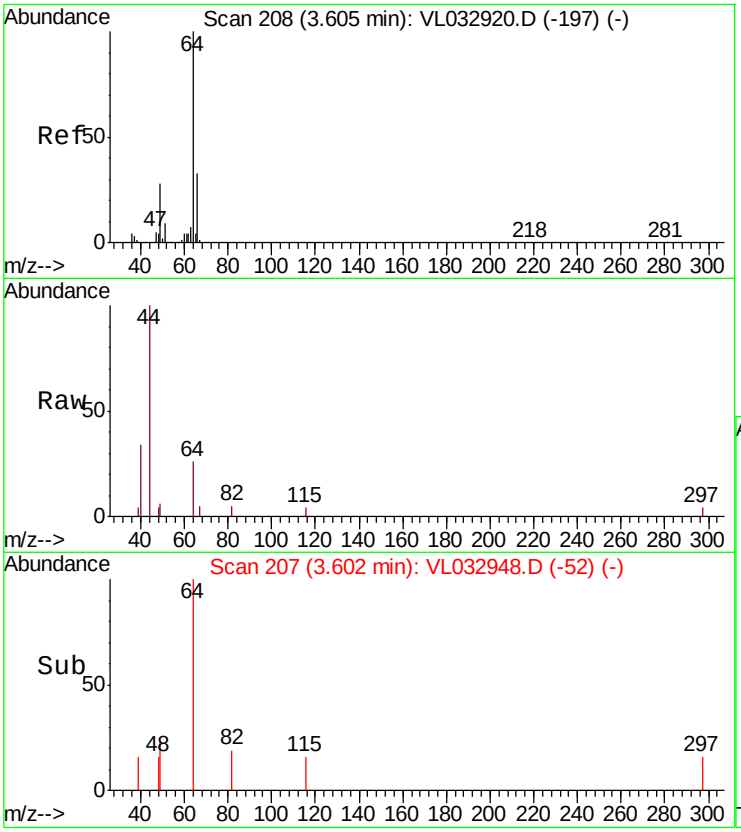




#4
Chloromethane
Concen: 0.168 ppbv
RT: 3.17 min Scan# 73
Delta R.T. -0.00 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

Tgt Ion: 50 Resp: 9739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 38.1 | 27.3 | 40.9 |



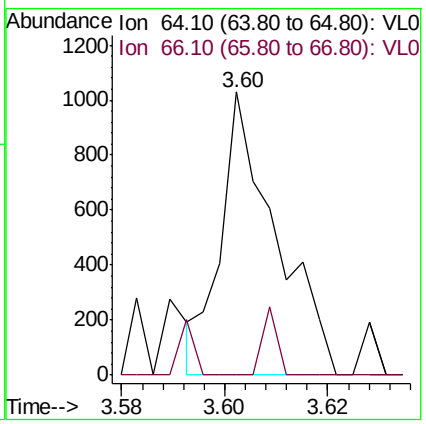


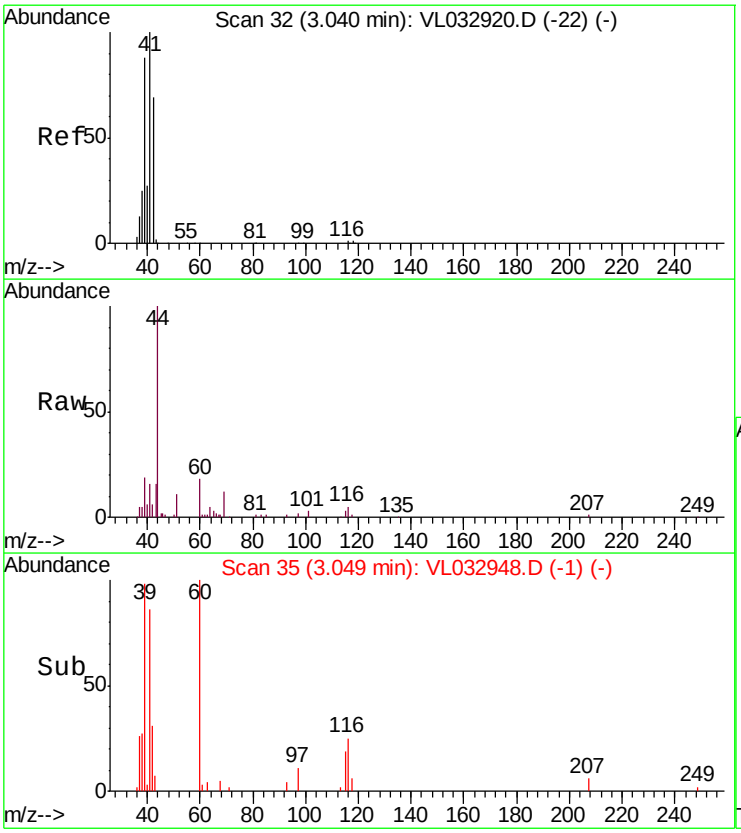

#7
Chloroethane
Concen: 0.036 ppbv
RT: 3.60 min Scan# 207
Delta R.T. -0.00 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV1

Tgt Ion: 64 Resp: 759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 17.6 | 26.6 | 40.0# |

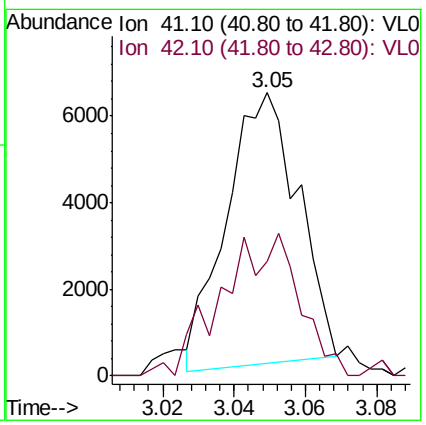


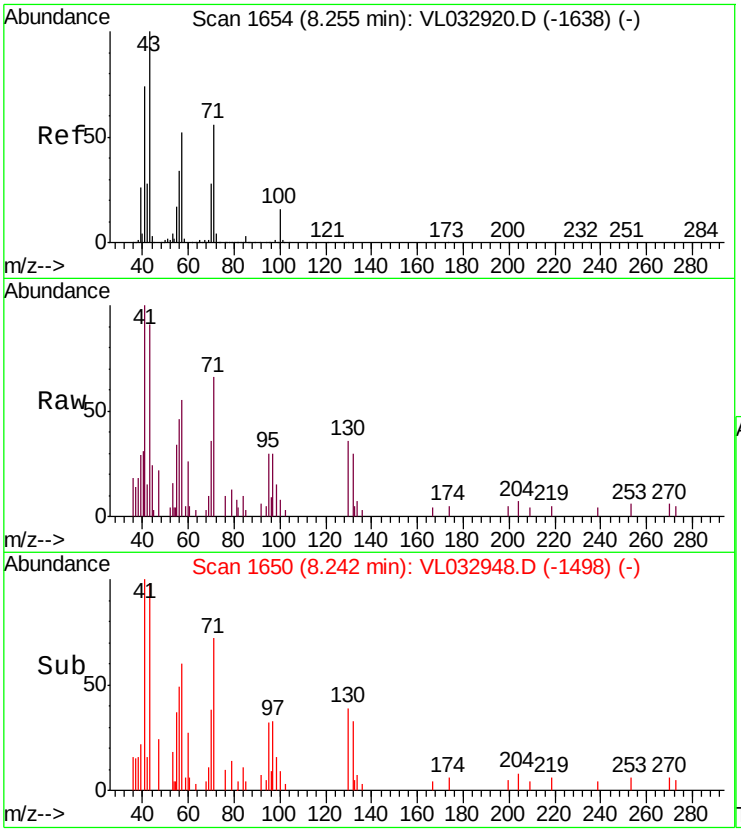




#9
Propene
Concen: 0.222 ppbv
RT: 3.05 min Scan# 35
Delta R.T. 0.01 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

Tgt Ion: 41 Resp: 8728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 58.9 | 56.2 | 84.2 |



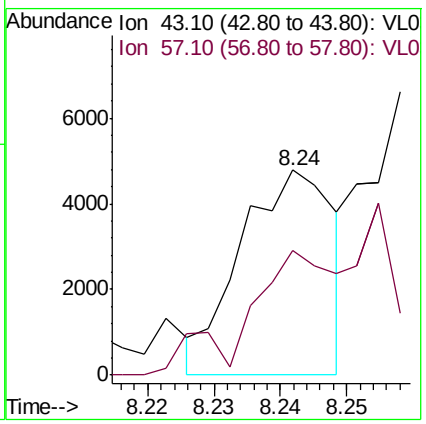


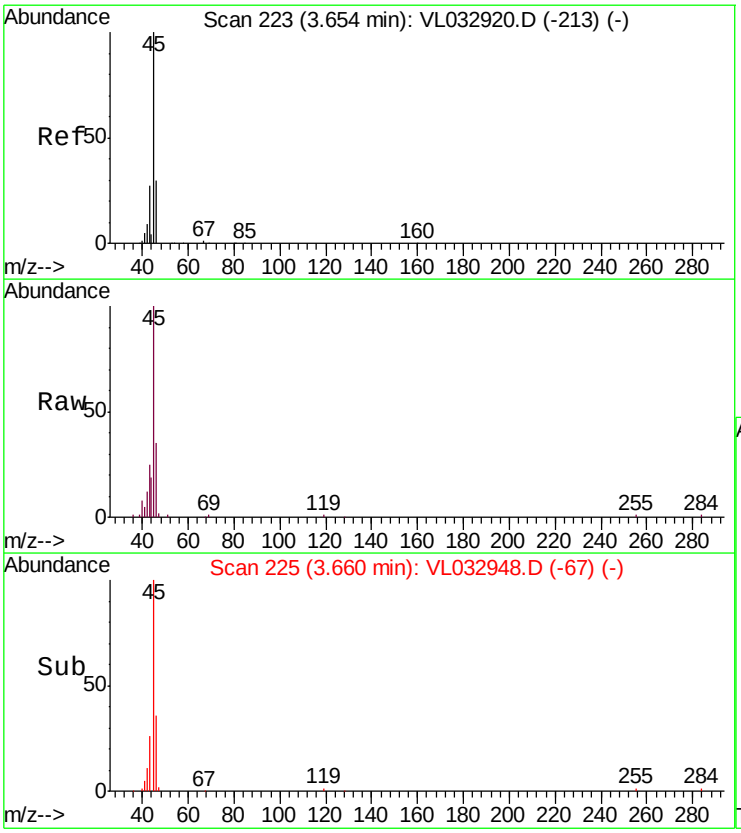

#10
Heptane
Concen: 0.032 ppbv
RT: 8.24 min Scan# 1650
Delta R.T. -0.01 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV1

Tgt Ion: 43 Resp: 4652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 0.0 | 41.8 | 62.6# |

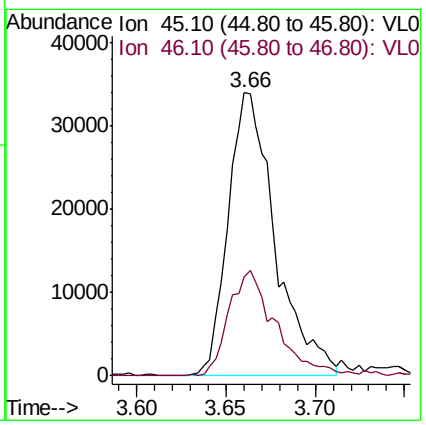


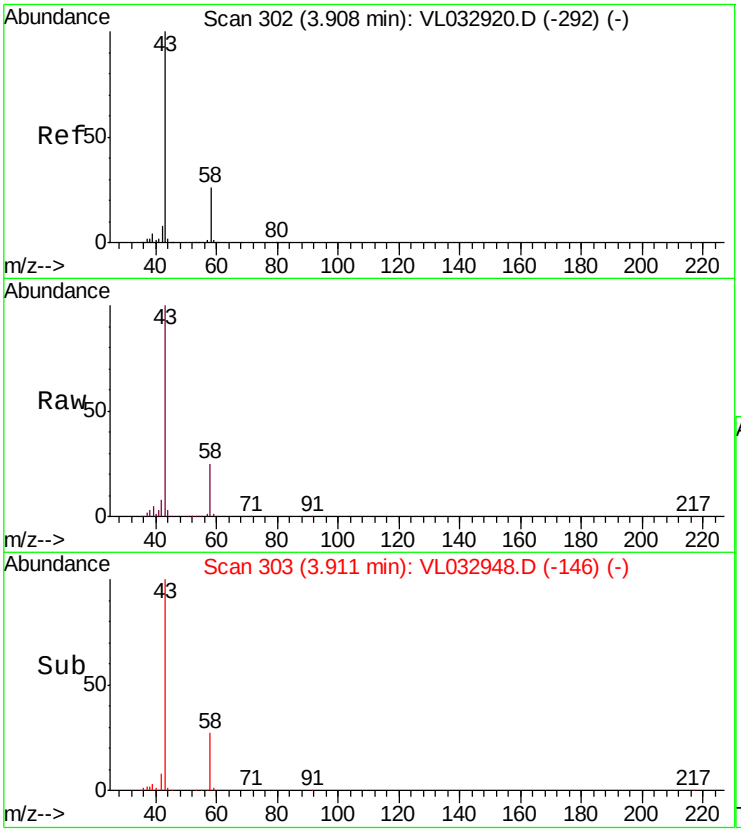




#13
Ethanol
Concen: 4.645 ppbv
RT: 3.66 min Scan# 225
Delta R.T. 0.01 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

Tgt Ion: 45 Resp: 62840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 37.7 | 13.8 | 55.4 |



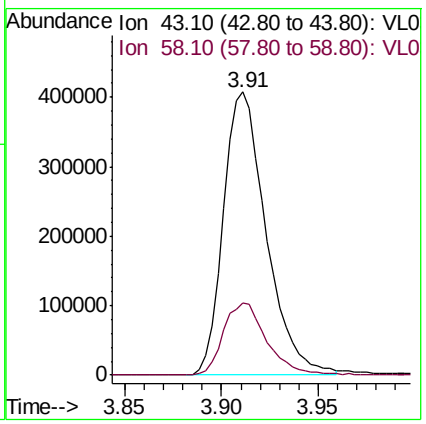


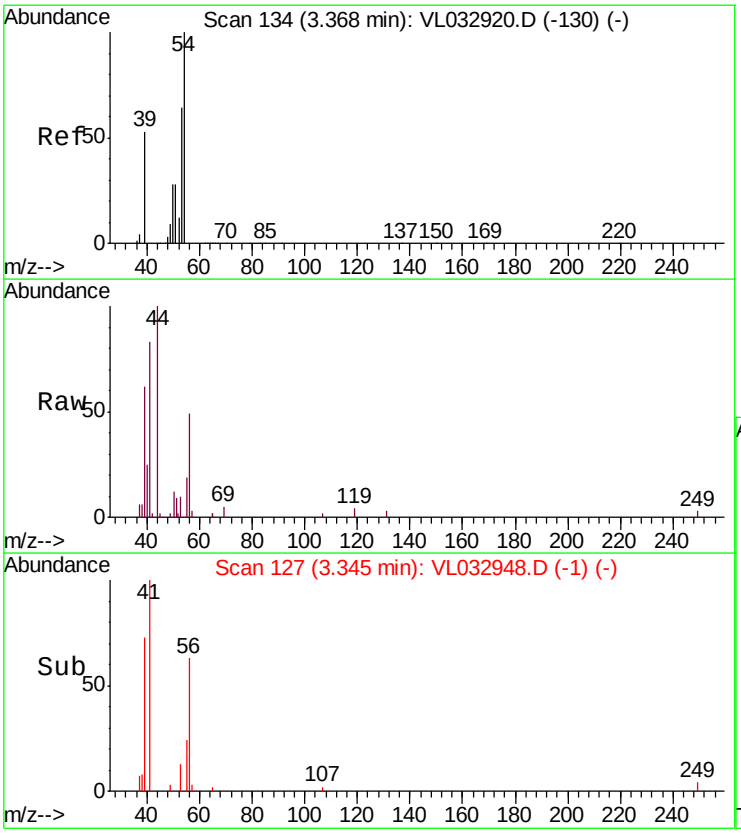

#15
Acetone
Concen: 5.540 ppbv
RT: 3.91 min Scan# 303
Delta R.T. 0.00 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

**Instrument :** MSVOA_L
**ClientSampleId :** SV1

Tgt Ion: 43 Resp: 623900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.3 | 20.6 | 30.8 |

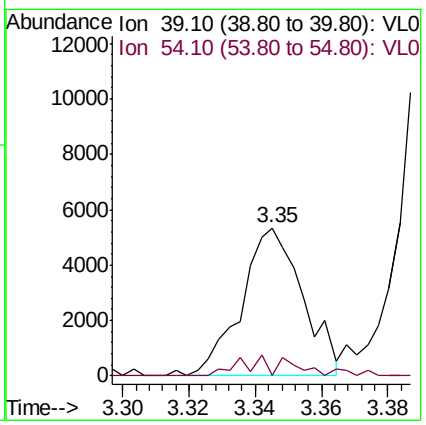


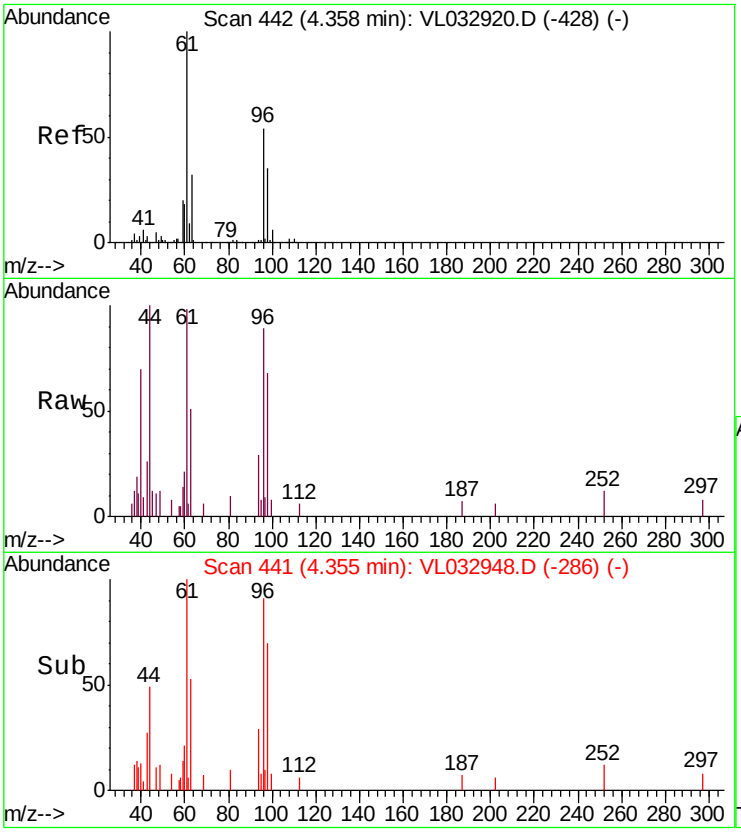




#16
1,3-Butadiene
Concen: 0.153 ppbv
RT: 3.35 min Scan# 127
Delta R.T. -0.02 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

Tgt Ion: 39 Resp: 6850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 9.2 | 72.7 | 109.1# |



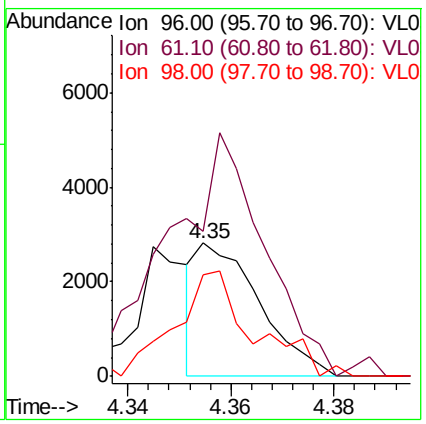


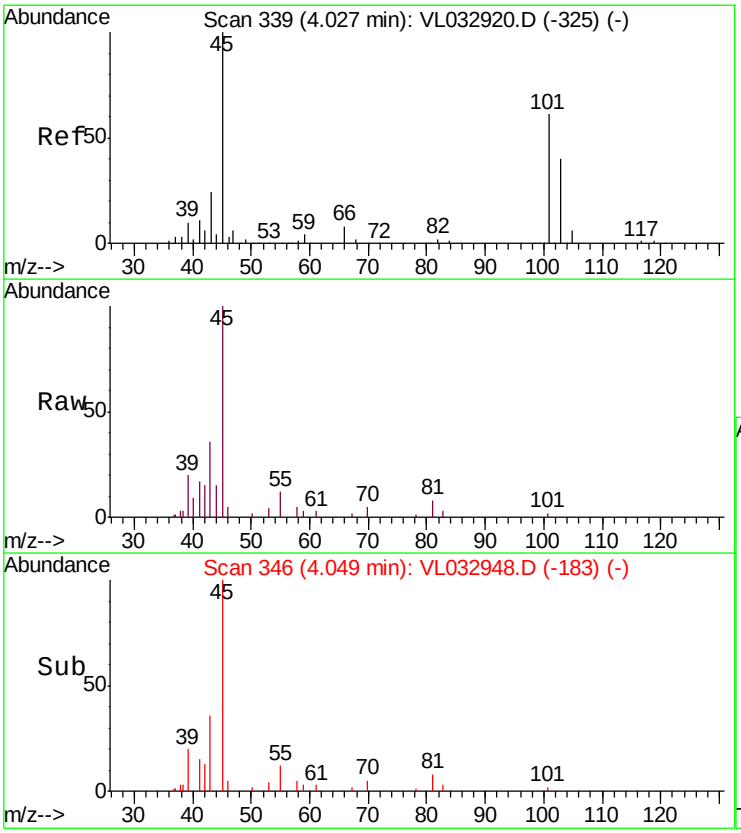

#18
1,1-Dichloroethene
Concen: 0.043 ppbv
RT: 4.35 min Scan# 441
Delta R.T. -0.00 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

**Instrument :** MSVOA_L
**ClientSampleId :** SV1

Tgt Ion: 96 Resp: 2372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 105.0 | 147.0 | 220.4# |
| 98 | 62.4 | 50.7 | 76.1 |

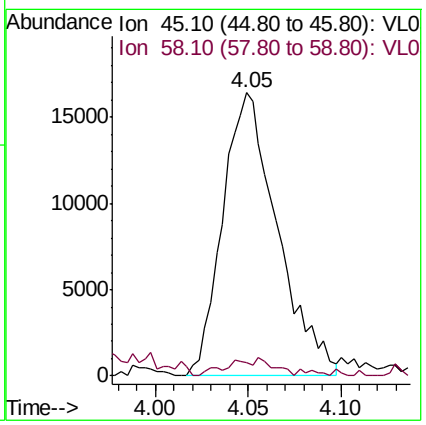


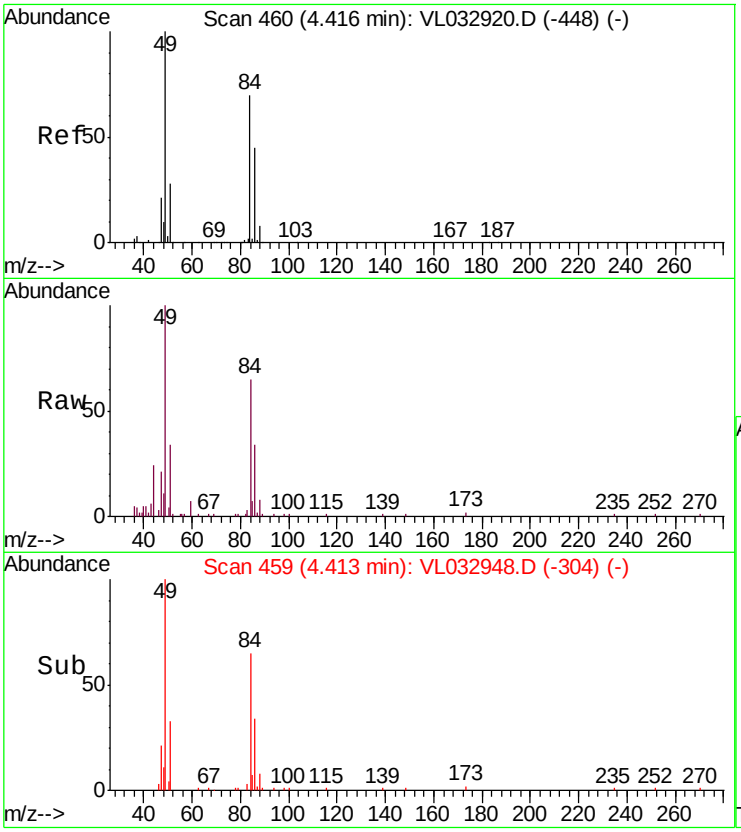




#19
Isopropyl Alcohol
Concen: 0.477 ppbv
RT: 4.05 min Scan# 346
Delta R.T. 0.02 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

Tgt Ion: 45 Resp: 33751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 0.0 | 1.4 | 2.2# |



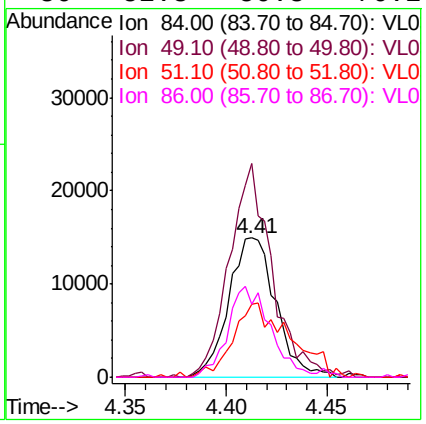


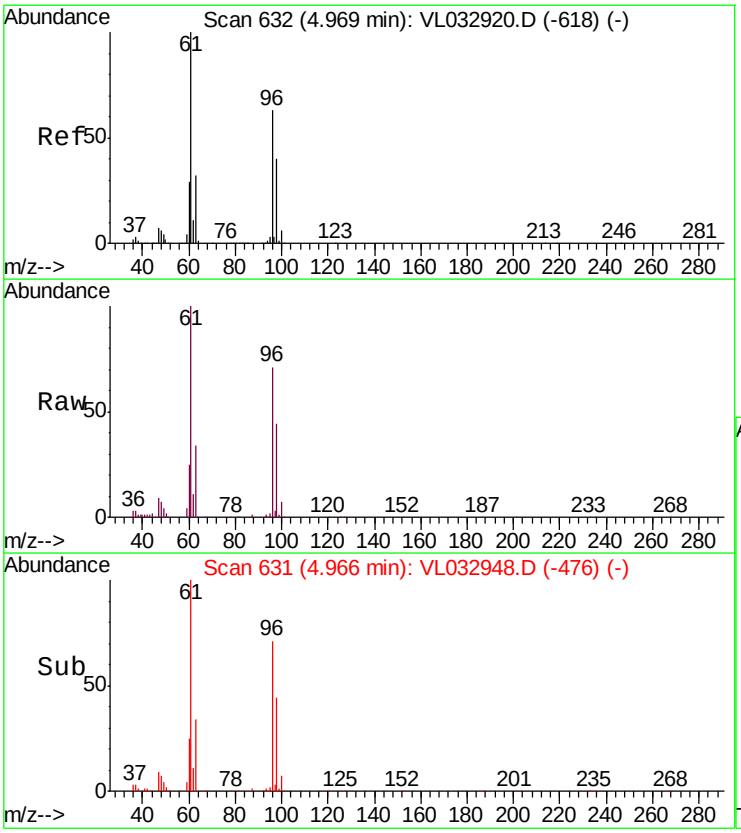

#20
Methylene Chloride
Concen: 0.445 ppbv
RT: 4.41 min Scan# 459
Delta R.T. -0.00 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV1

Tgt Ion: 84 Resp: 24492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 153.3 | 113.8 | 170.8 |
| 51 | 52.4 | 31.8 | 47.8# |
| 86 | 52.3 | 50.8 | 76.2 |

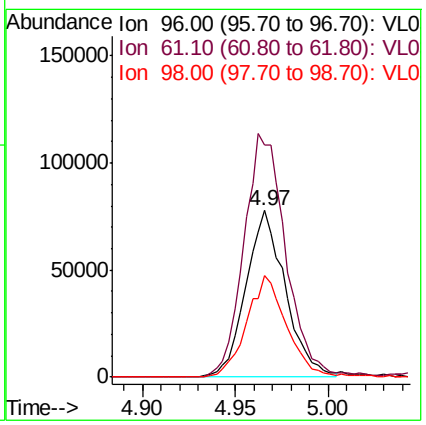


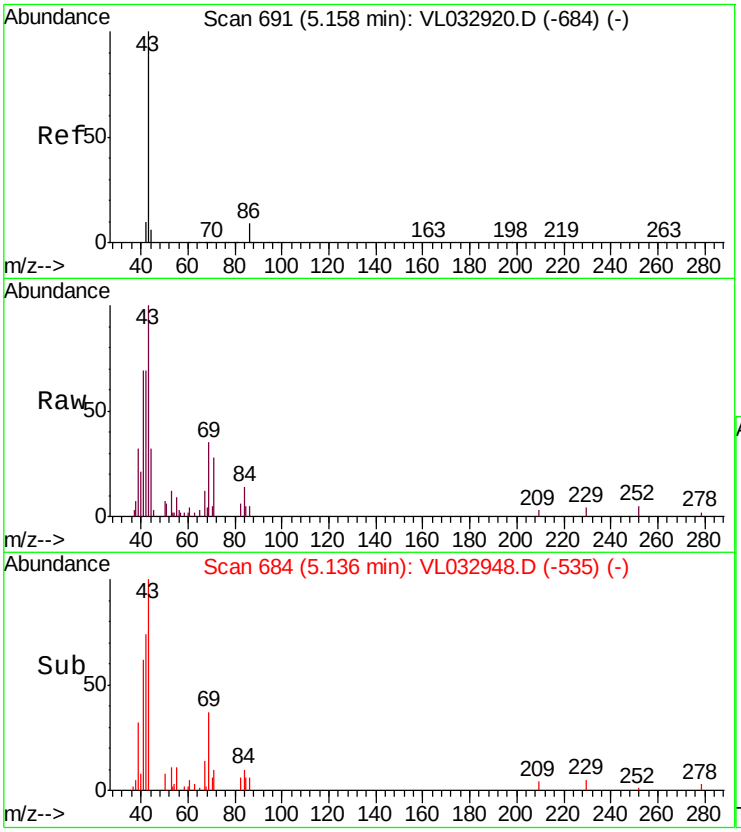




#22
trans-1,2-Dichloroethene
Concen: 1.688 ppbv
RT: 4.97 min Scan# 631
Delta R.T. -0.00 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

Tgt Ion: 96 Resp: 115517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 139.9 | 127.1 | 190.7 |
| 98 | 61.3 | 51.3 | 76.9 |



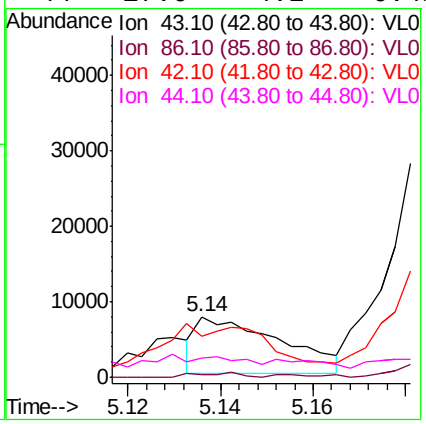


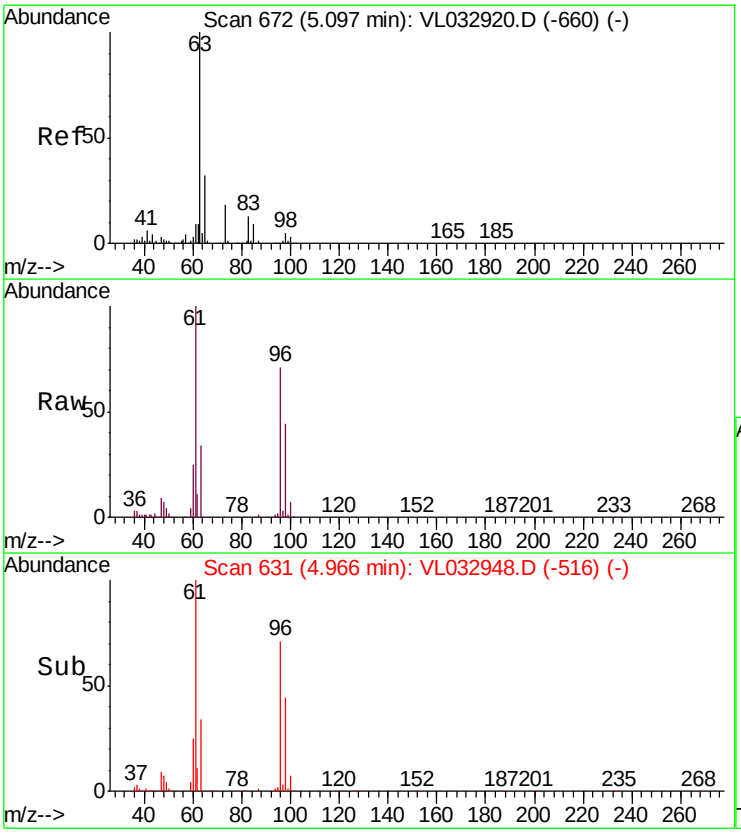

#23
Vinyl Acetate
Concen: 0.049 ppbv
RT: 5.14 min Scan# 684
Delta R.T. -0.02 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

**Instrument :** MSVOA_L
**ClientSampleId :** SV1

Tgt Ion: 43 Resp: 9429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 1.3 | 6.6 | 9.8# |
| 42 | 71.3 | 8.3 | 12.5# |
| 44 | 17.0 | 4.2 | 6.4# |

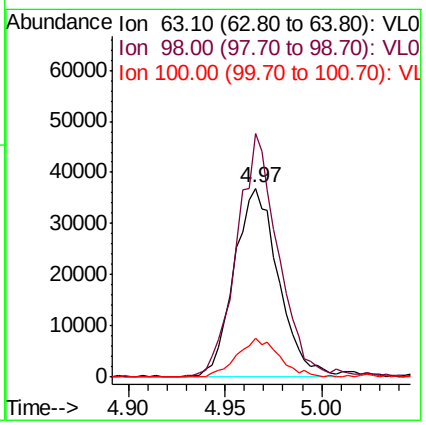


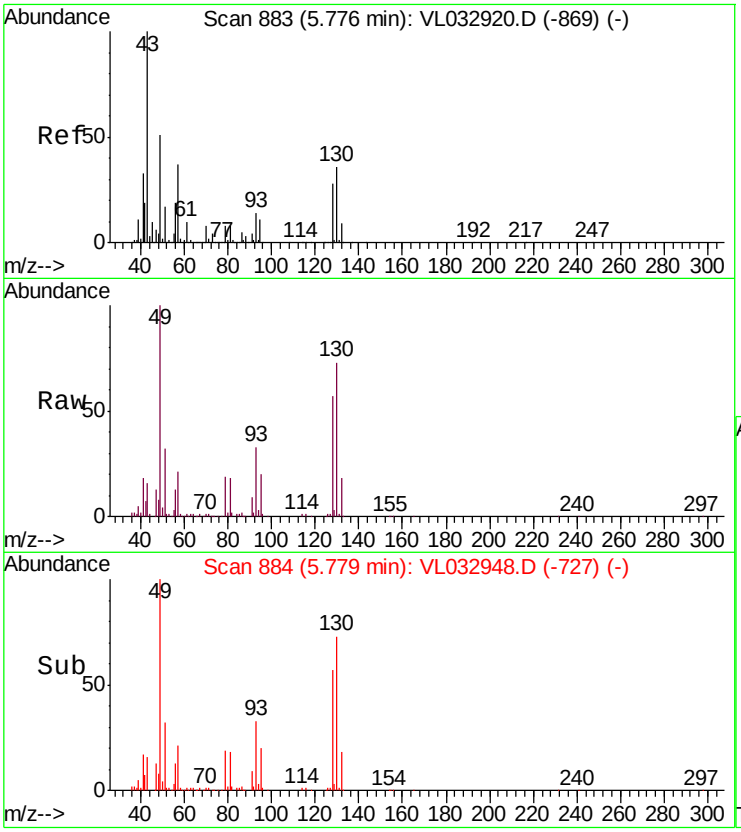




#24
1,1-Dichloroethane
Concen: 0.356 ppbv
RT: 4.97 min Scan# 631
Delta R.T. -0.13 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

Tgt Ion: 63 Resp: 59041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 126.7 | 2.5 | 7.5# |
| 100 | 20.2 | 1.4 | 4.2# |



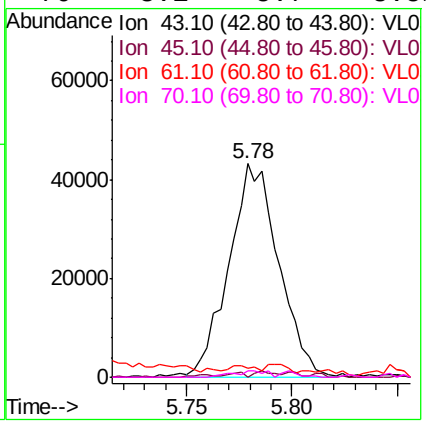


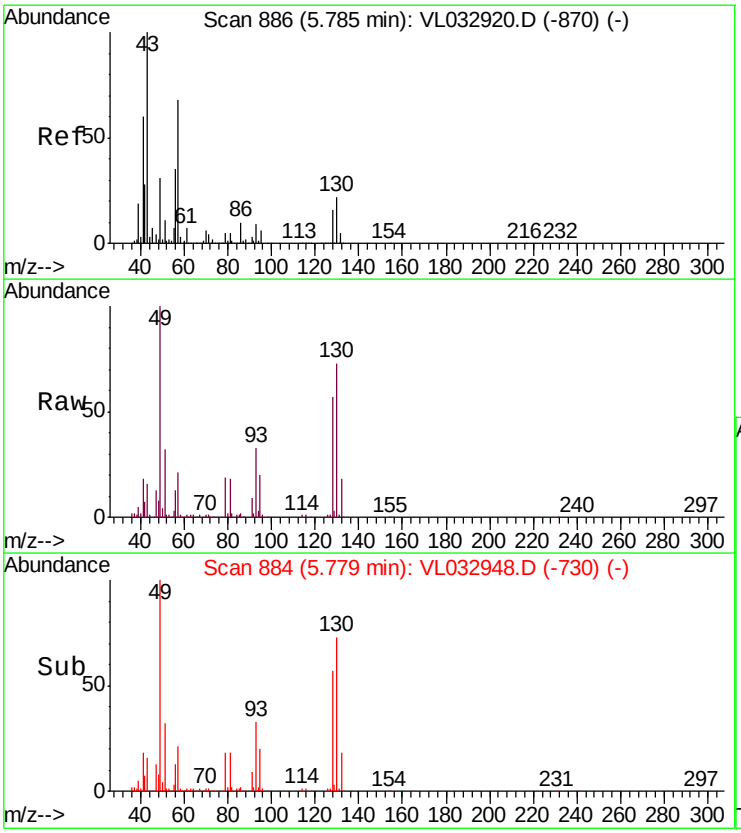

#25
Ethyl Acetate
Concen: 0.267 ppbv
RT: 5.78 min Scan# 884
Delta R.T. 0.00 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

**Instrument :** MSVOA_L
**ClientSampleId :** SV1

Tgt Ion: 43 Resp: 70898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 3.6 | 7.8 | 11.6# |
| 61 | 0.0 | 7.4 | 11.2# |
| 70 | 3.1 | 5.7 | 8.5# |

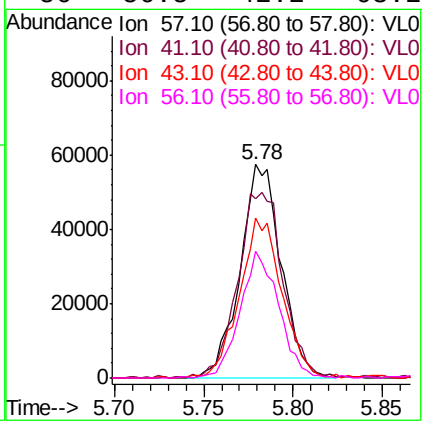


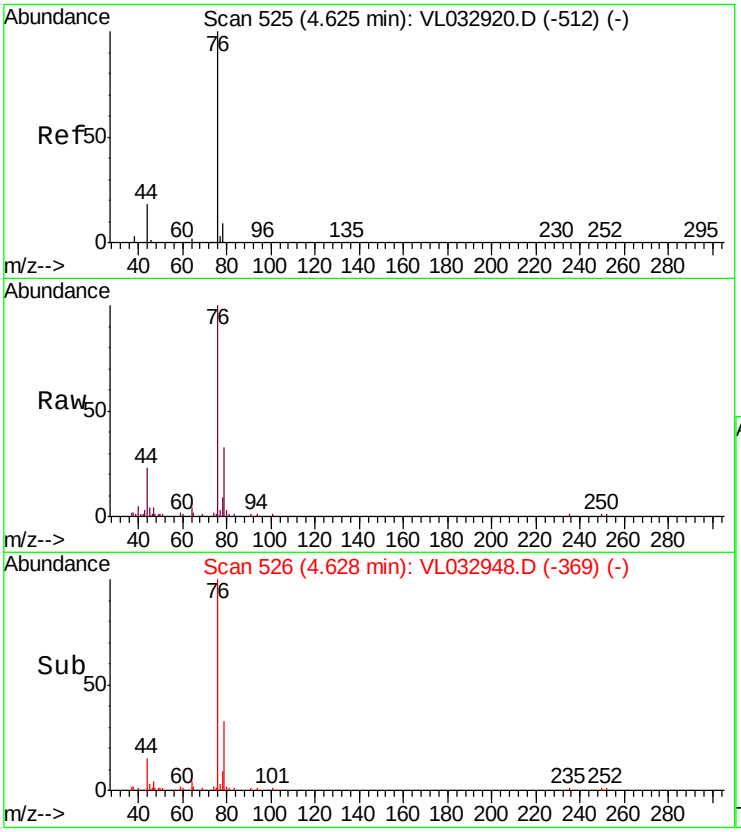




#26
Hexane
Concen: 0.750 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.01 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

Tgt Ion: 57 Resp: 92138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 97.1 | 72.2 | 108.2 |
| 43 | 78.6 | 171.9 | 257.9# |
| 56 | 56.5 | 42.2 | 63.2 |



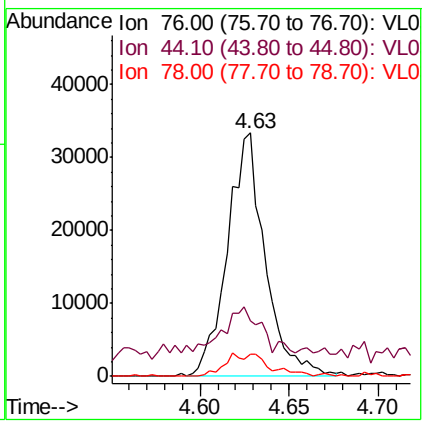


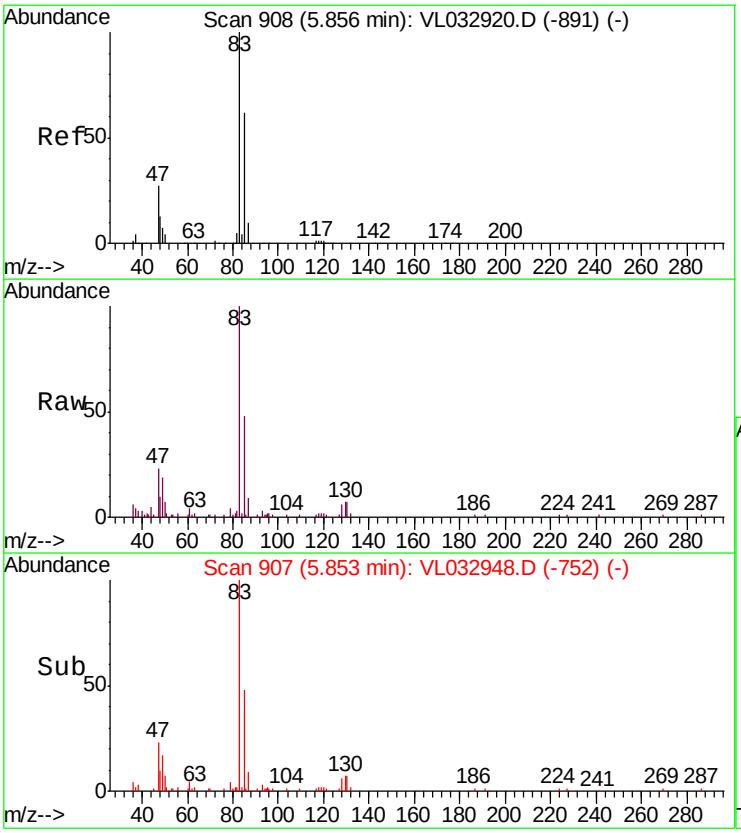

#27
Carbon Disulfide
Concen: 0.320 ppbv
RT: 4.63 min Scan# 526
Delta R.T. 0.00 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

**Instrument :** MSVOA_L
**ClientSampleId :** SV1

Tgt Ion: 76 Resp: 49094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 44 | 27.7 | 14.7 | 22.1# |
| 78 | 11.1 | 7.4 | 11.2 |

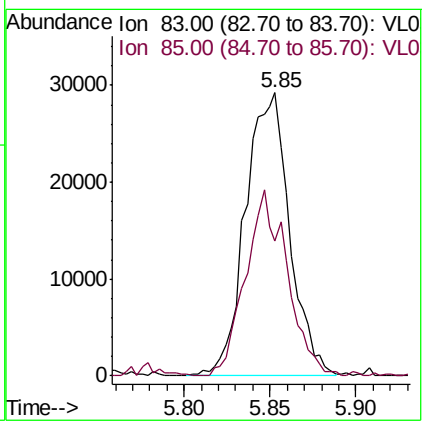


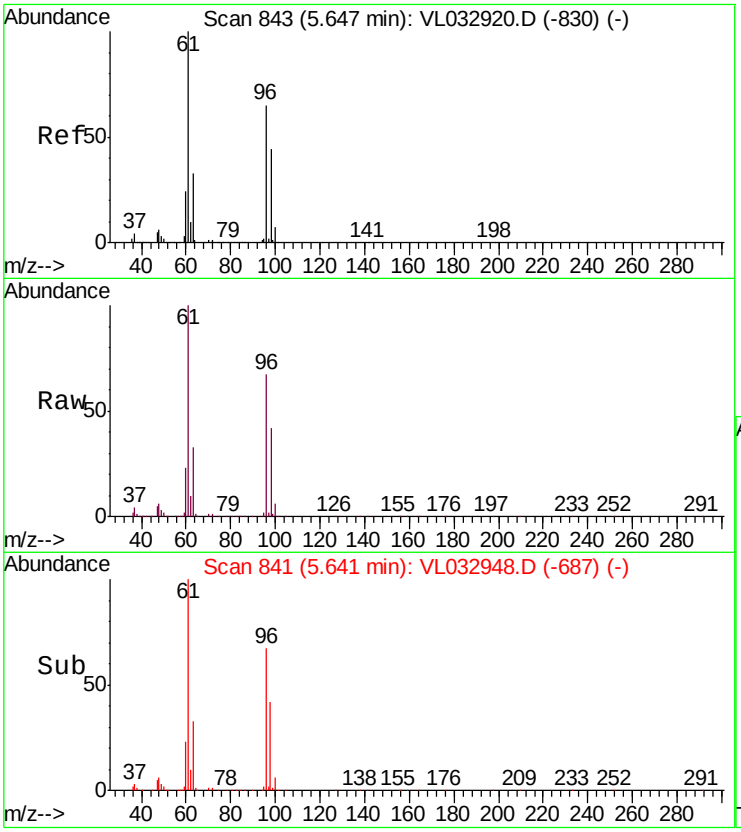




#29
Chloroform
Concen: 0.238 ppbv
RT: 5.85 min Scan# 907
Delta R.T. -0.00 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

Tgt Ion: 83 Resp: 52059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 46.8 | 49.8 | 74.8# |



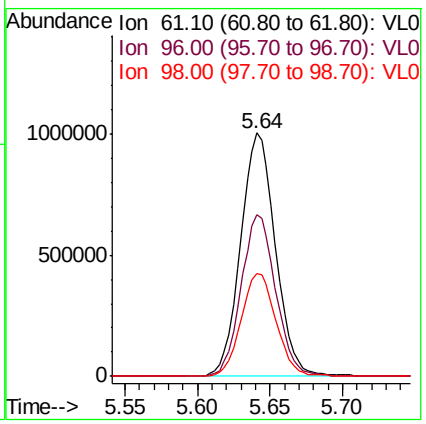


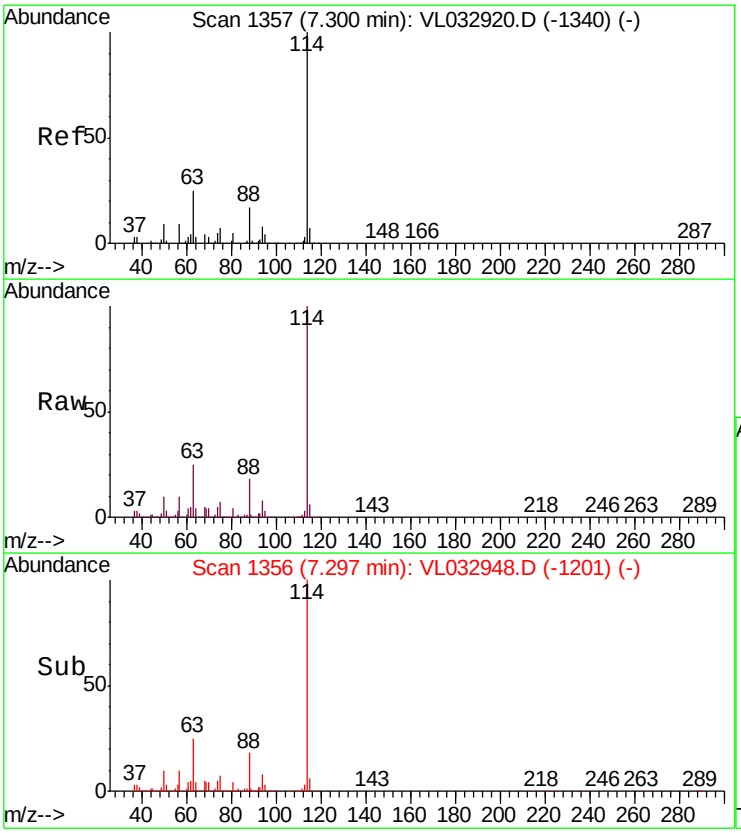

#31
cis-1,2-Dichloroethene
Concen: 14.876 ppbv
RT: 5.64 min Scan# 841
Delta R.T. -0.01 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV1

Tgt Ion: 61 Resp: 1676563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 66.5 | 51.9 | 77.9 |
| 98 | 42.4 | 35.0 | 52.4 |

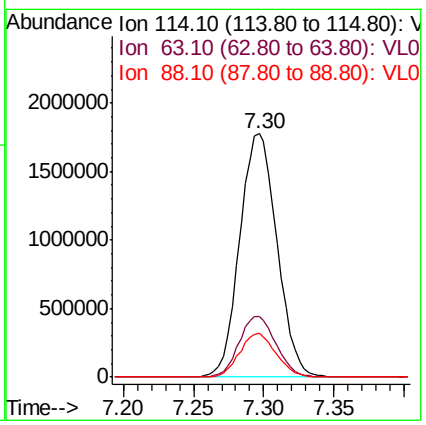


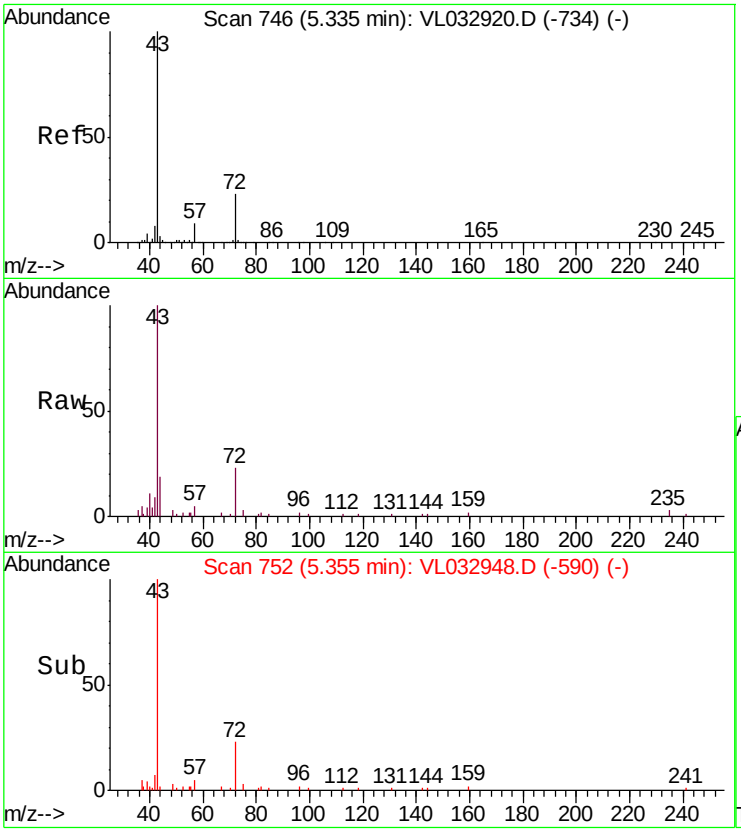




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.00 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

Tgt Ion:114 Resp: 3285910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 25.0 | 20.1 | 30.1 |
| 88 | 17.7 | 14.2 | 21.4 |



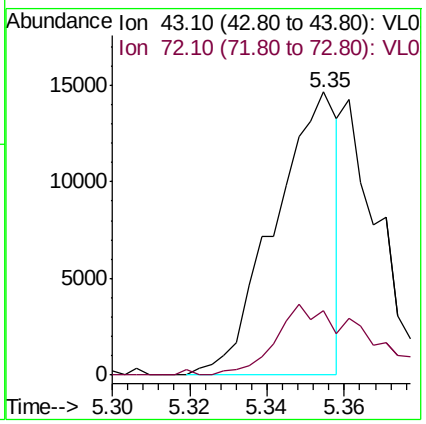


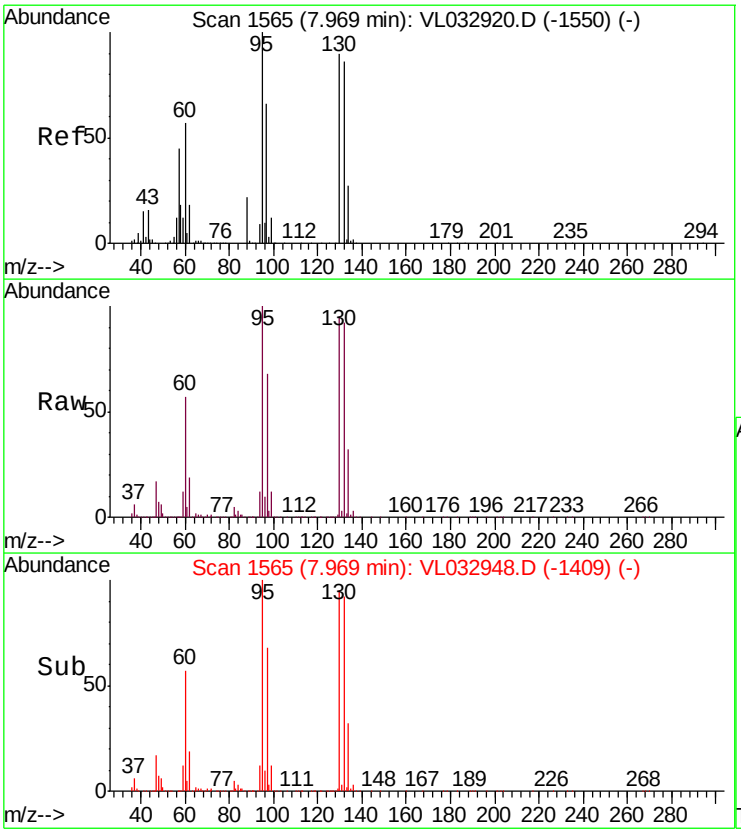

#34
2-Butanone
Concen: 0.116 ppbv
RT: 5.35 min Scan# 752
Delta R.T. 0.02 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV1

Tgt Ion: 43 Resp: 16547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 35.9 | 18.8 | 28.2# |

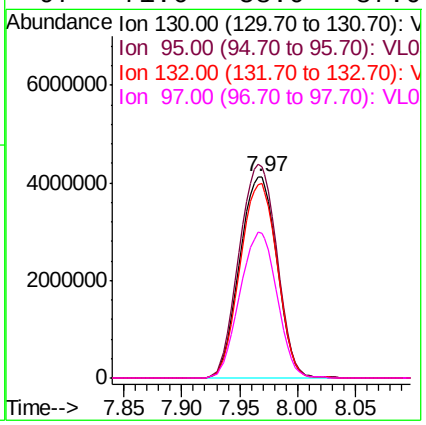


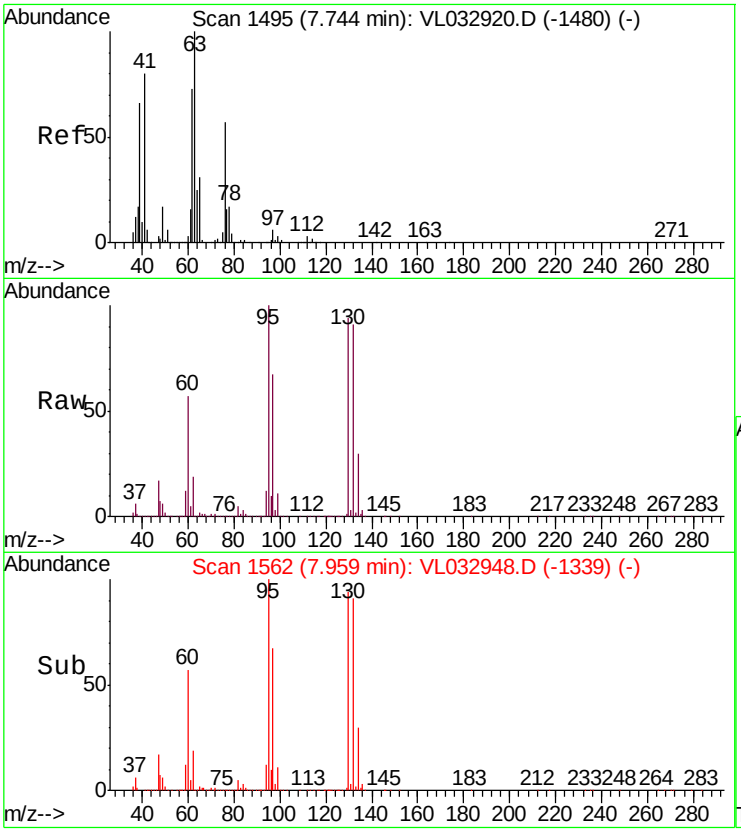




#38
Trichloroethene
Concen: 91.891 ppbv
RT: 7.97 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

Tgt Ion:130 Resp: 9242539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 105.0 | 88.6 | 132.8 |
| 132 | 96.6 | 76.1 | 114.1 |
| 97 | 71.6 | 58.0 | 87.0 |



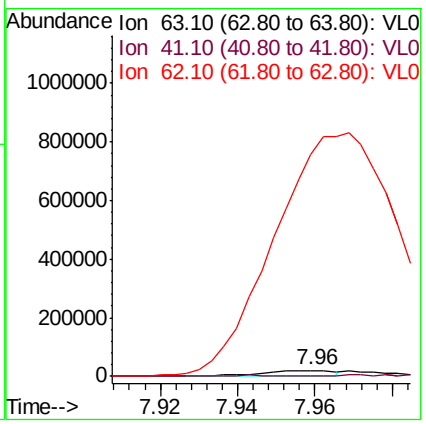


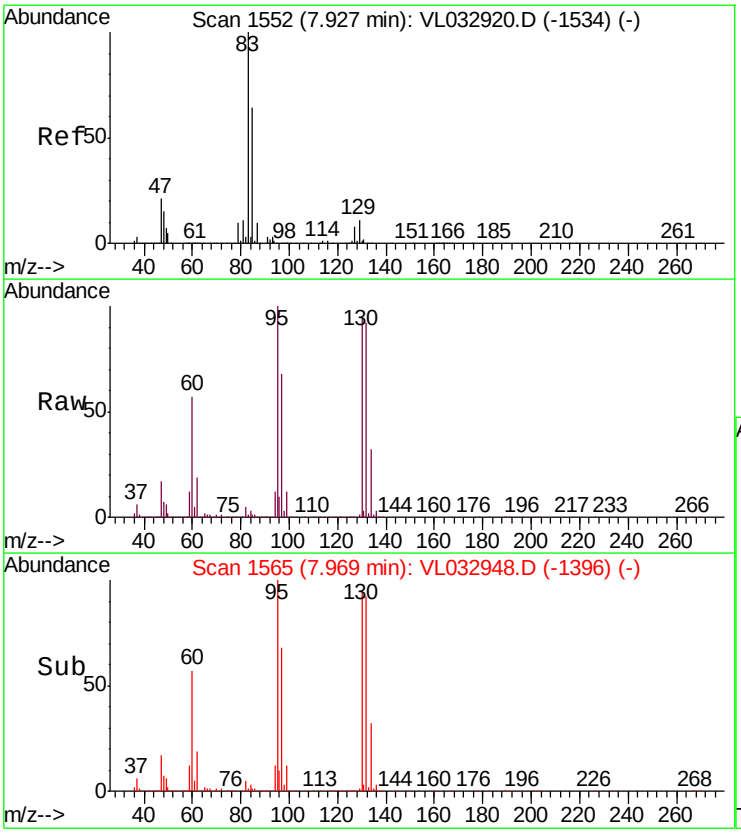

#39
1,2-Dichloropropane
Concen: 0.272 ppbv
RT: 7.96 min Scan# 1562
Delta R.T. 0.22 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV1

Tgt Ion: 63 Resp: 24929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 10.4 | 63.9 | 95.9# |
| 62 | 3869.3 | 58.8 | 88.2# |

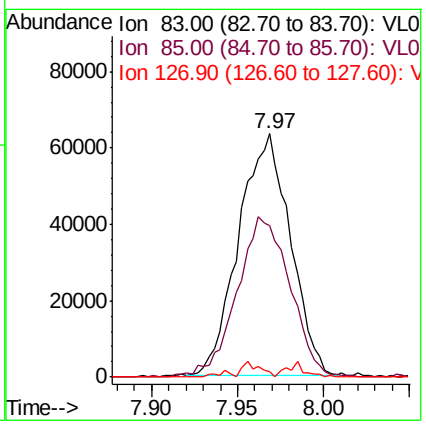


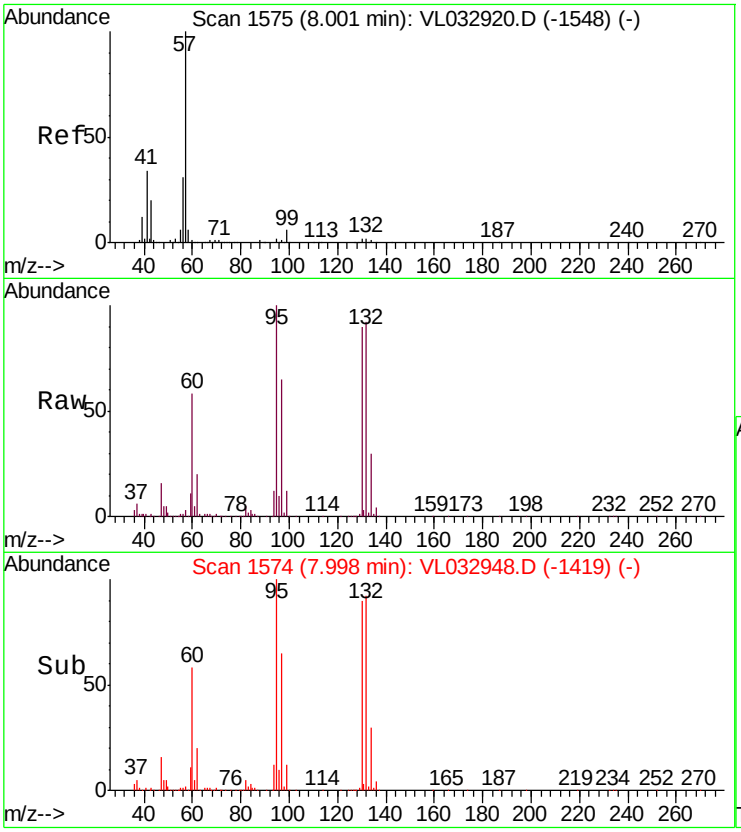




#42
Bromodichloromethane
Concen: 0.577 ppbv
RT: 7.97 min Scan# 1565
Delta R.T. 0.04 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

Tgt Ion: 83 Resp: 131633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 61.5 | 50.9 | 76.3 |
| 127 | 2.2 | 6.7 | 10.1# |



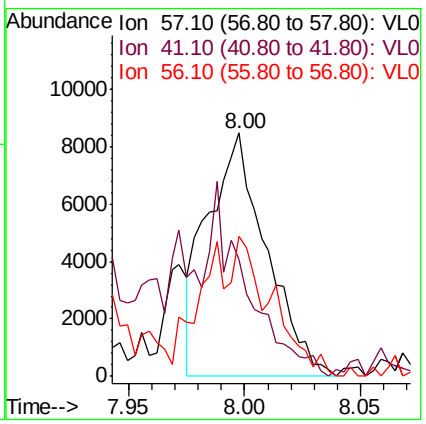


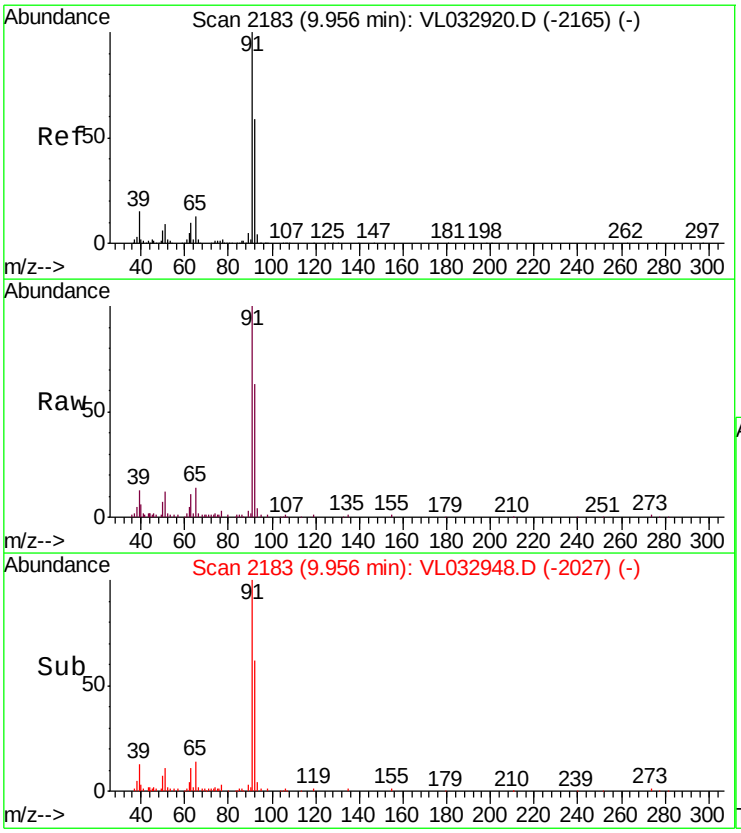

#44
2,2,4-Trimethylpentane
Concen: 0.037 ppbv
RT: 8.00 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV1

Tgt Ion: 57 Resp: 15026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 129.8 | 27.0 | 40.4# |
| 56 | 65.4 | 24.6 | 37.0# |

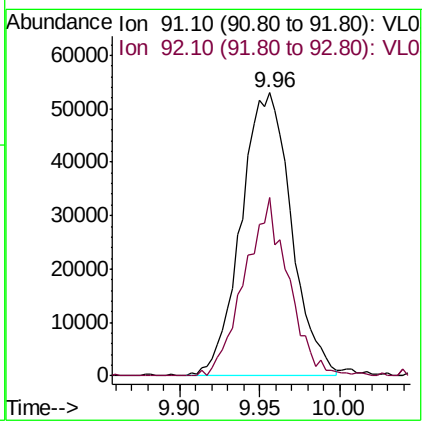


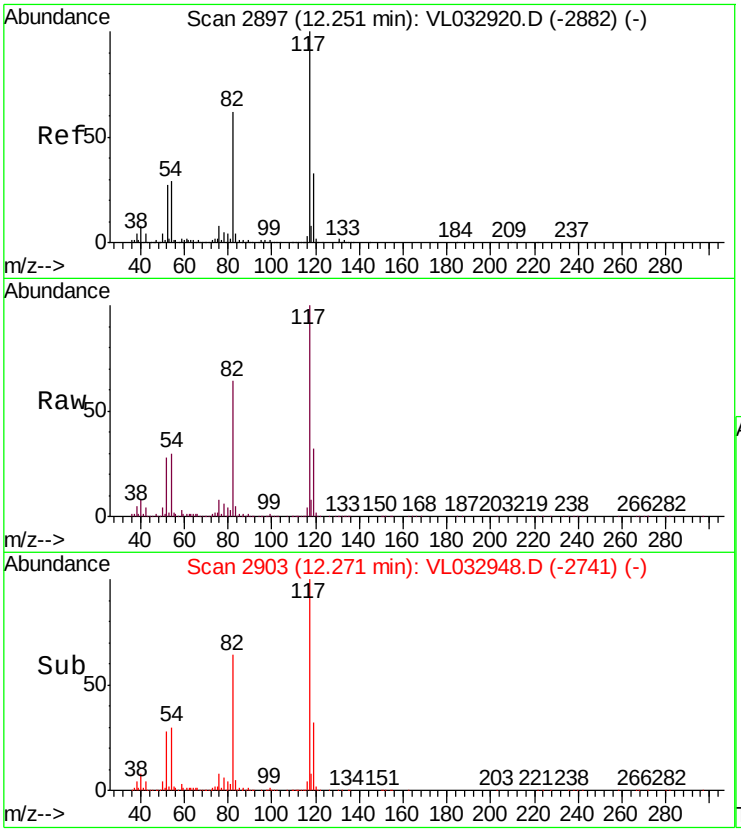




#53
Toluene
Concen: 0.446 ppbv
RT: 9.96 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

Tgt Ion: 91 Resp: 114267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 55.3 | 47.4 | 71.0 |



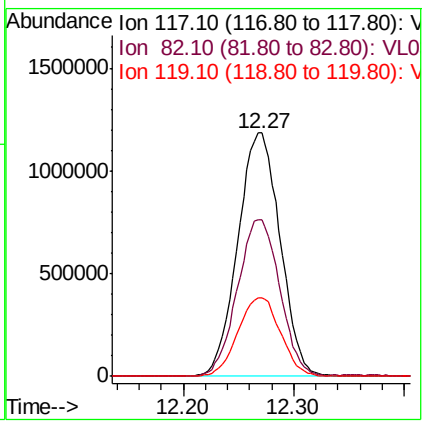


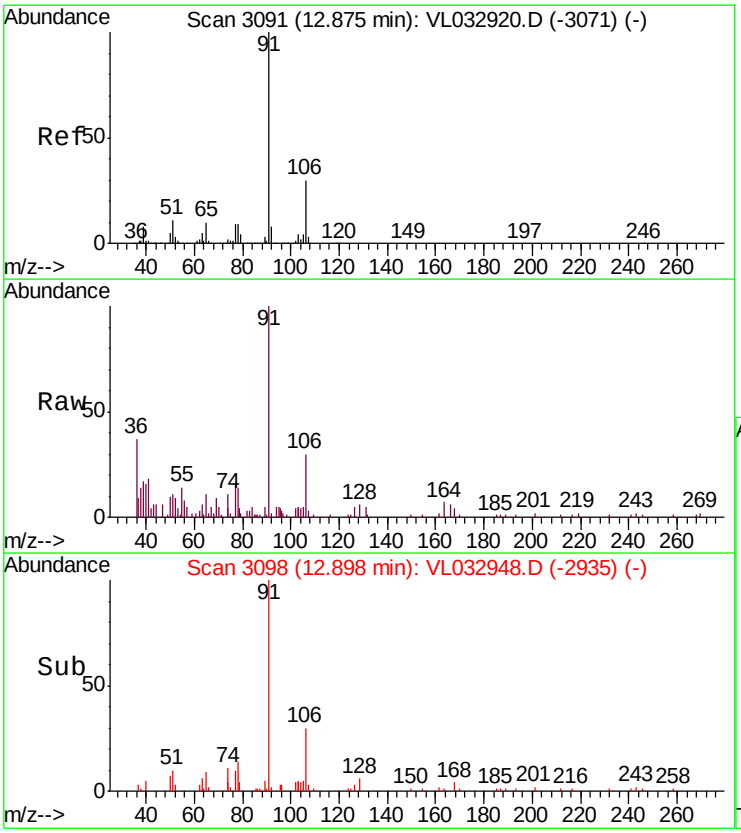

#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2903
Delta R.T. 0.02 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV1

Tgt Ion:117 Resp: 3148398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 64.8 | 47.8 | 71.8 |
| 119 | 32.6 | 43.1 | 64.7# |

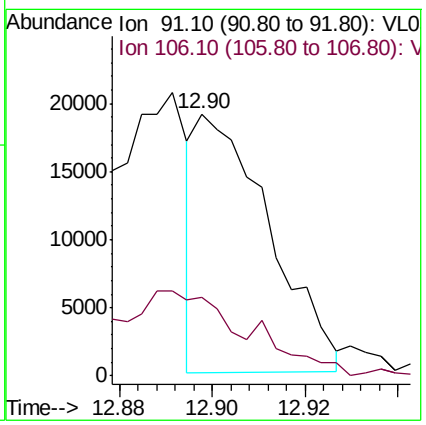


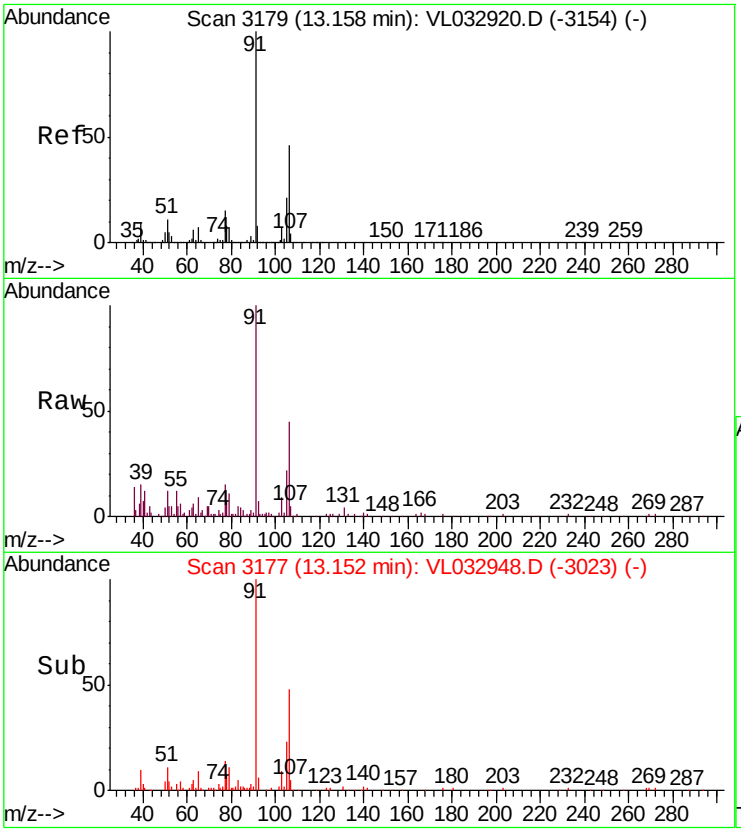




#58
Ethyl Benzene
Concen: 0.062 ppbv
RT: 12.90 min Scan# 3098
Delta R.T. 0.02 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

Tgt Ion: 91 Resp: 20675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 27.8 | 23.9 | 35.9 |



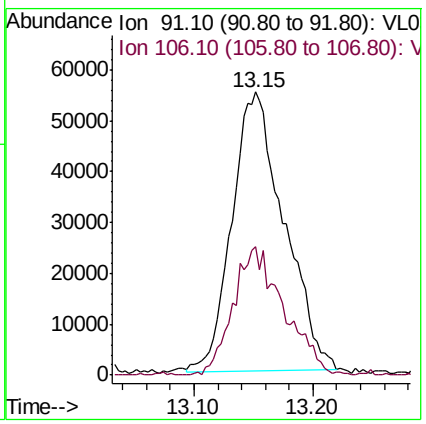


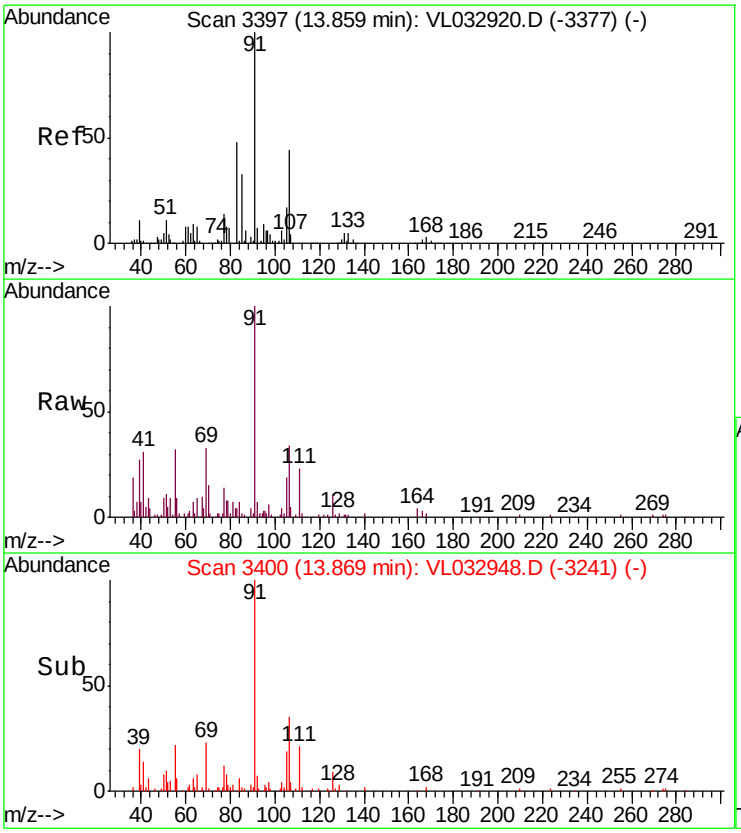

#59
m/p-Xylene
Concen: 0.544 ppbv
RT: 13.15 min Scan# 3177
Delta R.T. -0.01 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV1

Tgt Ion: 91 Resp: 165736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 44.8 | 0.0 | 0.0# |

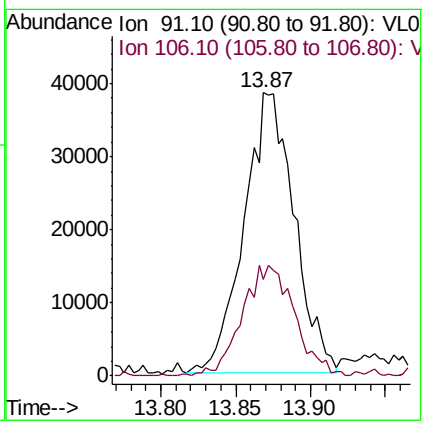


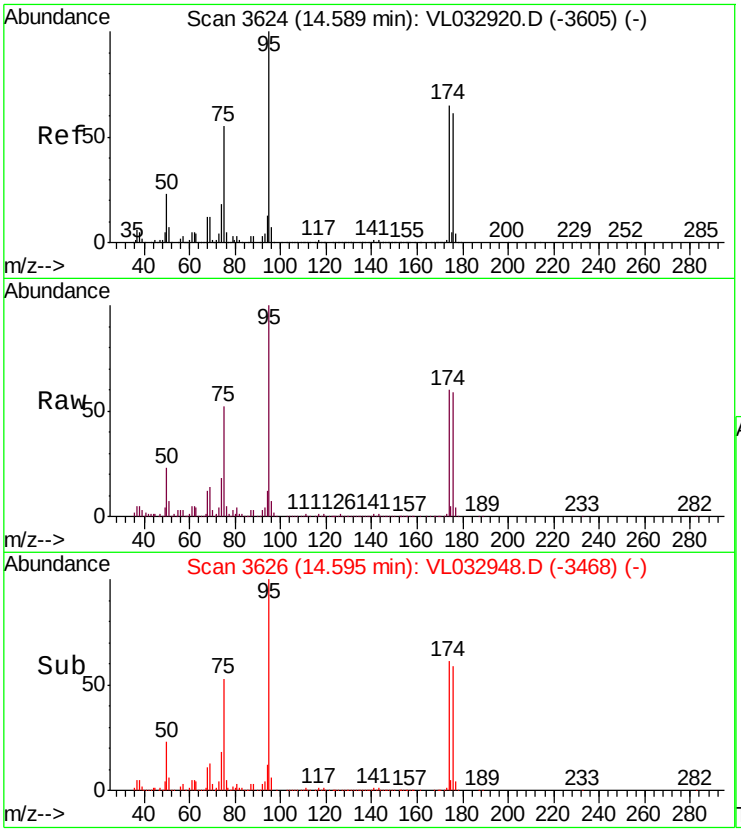




#60
o-Xylene
Concen: 0.292 ppbv
RT: 13.87 min Scan# 3400
Delta R.T. 0.01 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

Tgt Ion: 91 Resp: 89822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 41.6 | 21.9 | 65.8 |



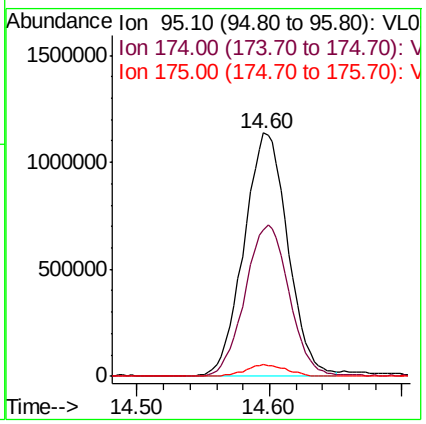


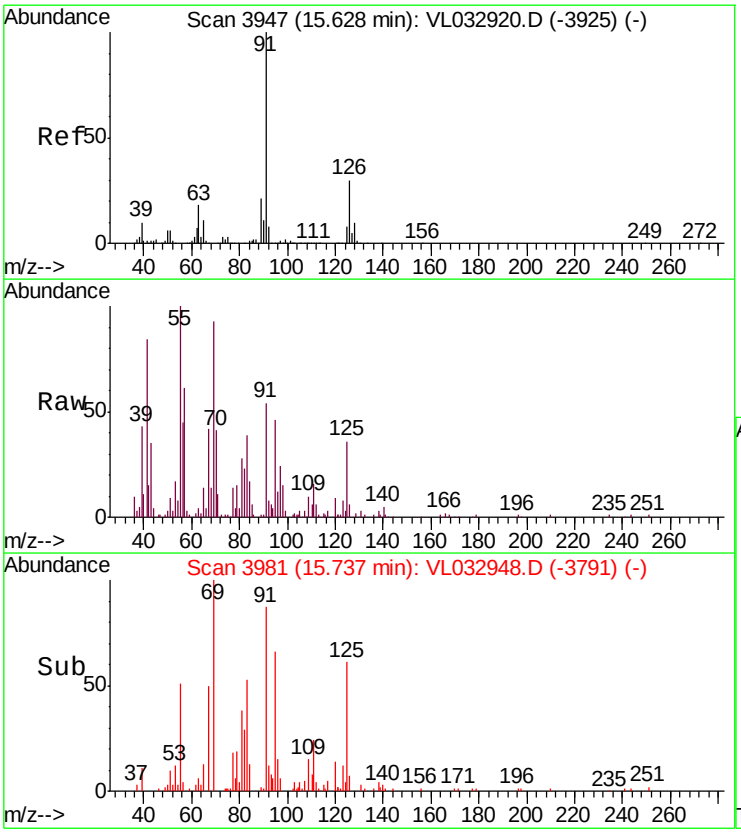

#68
1-Bromo-4-Fluorobenzene
Concen: 11.258 ppbv
RT: 14.60 min Scan# 3626
Delta R.T. 0.01 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV1

Tgt Ion: 95 Resp: 2618649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 63.5 | 51.4 | 77.0 |
| 175 | 4.7 | 3.8 | 5.6 |

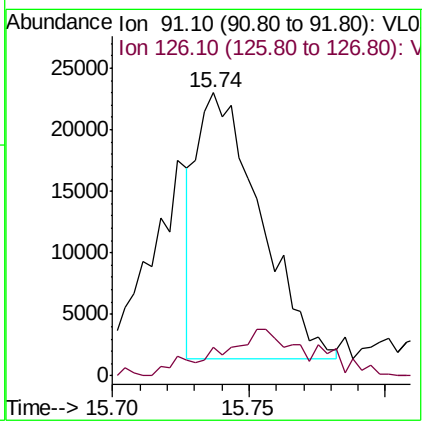


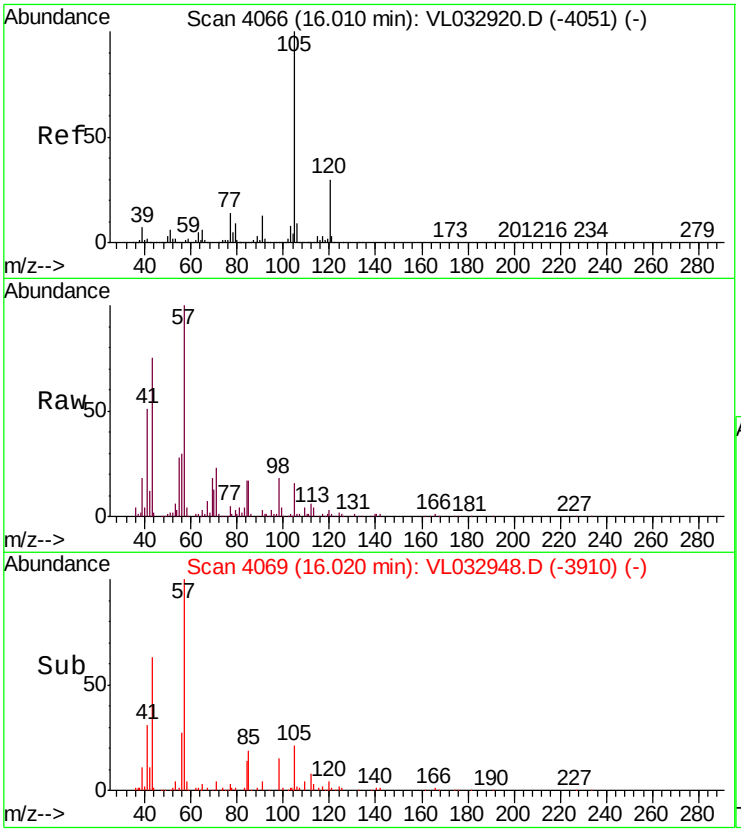




#71
2-Chlorotoluene
Concen: 0.109 ppbv
RT: 15.74 min Scan# 3981
Delta R.T. 0.11 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

Tgt Ion: 91 Resp: 34843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 26.6 | 12.3 | 49.3 |



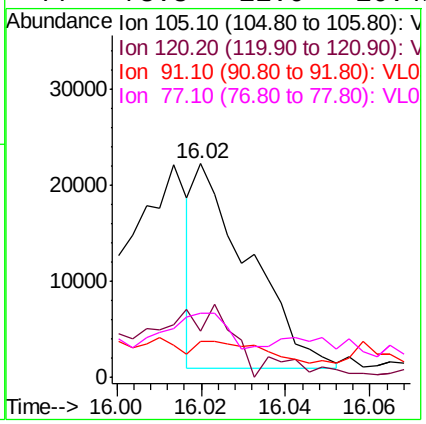


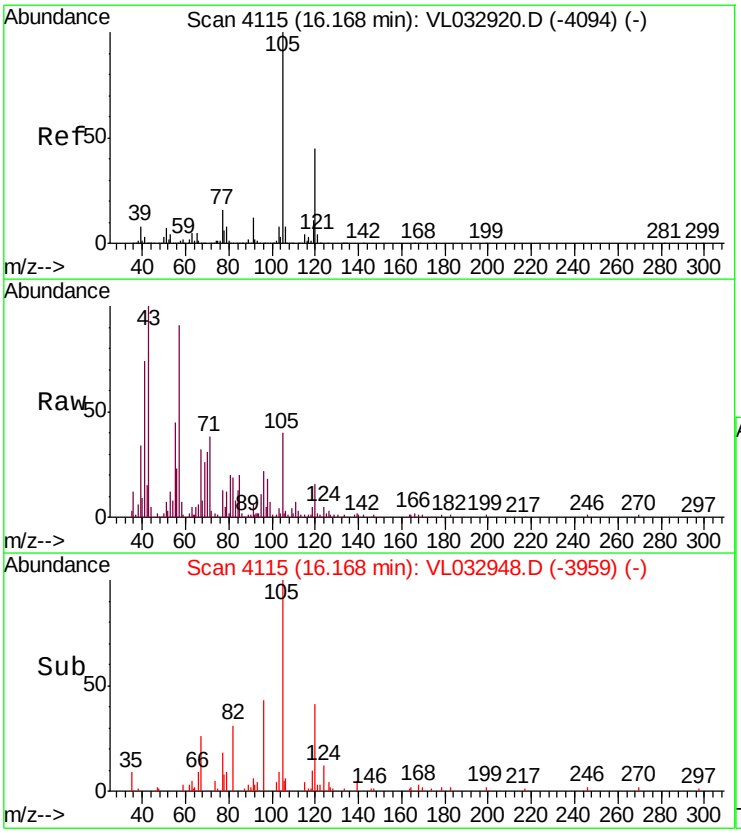

#72
4-Ethyltoluene
Concen: 0.055 ppbv
RT: 16.02 min Scan# 4069
Delta R.T. 0.01 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV1

Tgt Ion:105 Resp: 18899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 79.0 | 23.0 | 34.4# |
| 91 | 11.2 | 10.4 | 15.6 |
| 77 | 78.8 | 11.0 | 16.4# |

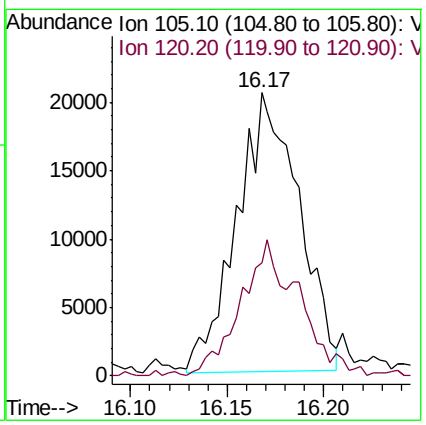


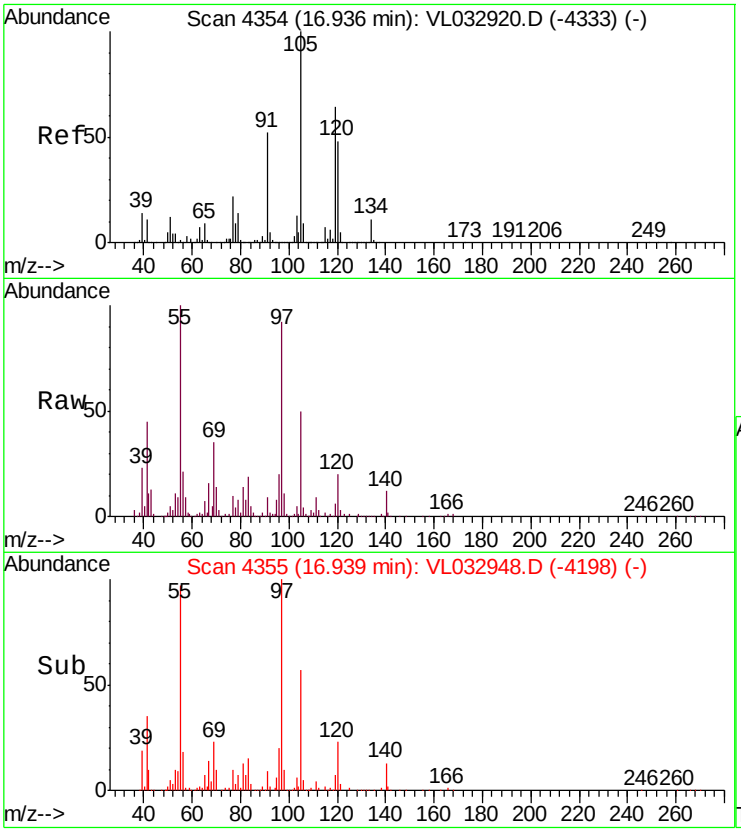




#73
1,3,5-Trimethylbenzene
Concen: 0.136 ppbv
RT: 16.17 min Scan# 4115
Delta R.T. 0.00 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

Tgt Ion:105 Resp: 45725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 39.2 | 36.0 | 54.0 |






#74
1,2,4-Trimethylbenzene
Concen: 0.380 ppbv
RT: 16.94 min Scan# 4355
Delta R.T. 0.00 min
Lab File: VL032948.D
Acq: 7 Dec 2018 23:43

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV1

Tgt Ion:105 Resp: 143726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 41.9 | 38.6 | 58.0 |
| 91 | 16.3 | 41.7 | 62.5# |
| 77 | 15.9 | 17.4 | 26.2# |