Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
Data File : VL038763.D
Acq On : 25 Mar 2022 13:02
Operator : SY/AP
Sample : N2096-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** SV-01-(SB-14)

Quant Time: Mar 25 23:22:15 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.69 | 49 | 808828 | 10.00 | ppbv | | 0.04 |
| 33) 1,4-Difluorobenzene | 7.20 | 114 | 2237274 | 10.00 | ppbv | | 0.04 |
| 55) Chlorobenzene-d5 | 12.11 | 117 | 2094079 | 10.00 | ppbv | | 0.04 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.44 | 95 | 1644763 | 10.24 | ppbv | | 0.04 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 102.40% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.15 | 85 | 3330160 | 30.63 | ppbv | | 98 |
| 3) Chlorodifluoromethane | 3.01 | 51 | 26963 | 0.32 | ppbv | # | 91 |
| 4) Chloromethane | 3.14 | 50 | 420910 | 8.97 | ppbv | # | 45 |
| 7) Chloroethane | 3.15 | 64 | 2133331 | 135.22 | ppbv | | 95 |
| 8) Dichlorotetrafluoroethane | 3.15 | 85 | 3330160 | 30.68 | ppbv | # | 13 |
| 9) Propene | 3.03 | 41 | 616198 | 14.94 | ppbv | | 91 |
| 10) Heptane | 8.15 | 43 | 163915 | 1.66 | ppbv | | 96 |
| 11) Trichlorofluoromethane | 3.97 | 101 | 31818 | 0.33 | ppbv | | 99 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.51 | 101 | 6559 | 0.09 | ppbv | | 100 |
| 13) Ethanol | 3.62 | 45 | 559325 | 122.94 | ppbv | | 99 |
| 15) Acetone | 3.87 | 43 | 1728134 | 24.76 | ppbv | | 97 |
| 16) 1,3-Butadiene | 3.33 | 39 | 221964 | 5.60 | ppbv | # | 32 |
| 17) tert-Butyl alcohol | 4.32 | 59 | 71325 | 1.17 | ppbv | # | 93 |
| 19) Isopropyl Alcohol | 3.99 | 45 | 141622 | 3.66 | ppbv | # | 1 |
| 20) Methylene Chloride | 4.37 | 84 | 72177 | 2.46 | ppbv | | 98 |
| 21) Allyl Chloride | 4.39 | 41 | 6890 | 0.14 | ppbv | # | 1 |
| 23) Vinyl Acetate | 5.08 | 43 | 57733 | 0.85 | ppbv | # | 1 |
| 24) 1,1-Dichloroethane | 5.04 | 63 | 6464 | 0.10 | ppbv | # | 96 |
| 25) Ethyl Acetate | 5.71 | 43 | 260634 | 1.48 | ppbv | # | 85 |
| 26) Hexane | 5.71 | 57 | 313545 | 3.99 | ppbv | # | 45 |
| 27) Carbon Disulfide | 4.58 | 76 | 1491860 | 19.33 | ppbv | | 99 |
| 29) Chloroform | 5.78 | 83 | 186615 | 1.48 | ppbv | | 97 |
| 30) Cyclohexane | 7.16 | 84 | 116311 | 1.70 | ppbv | # | 83 |
| 32) 1,1,1-Trichloroethane | 6.54 | 97 | 539052 | 4.44 | ppbv | | 99 |
| 34) 2-Butanone | 5.27 | 43 | 138254 | 1.56 | ppbv | | 97 |
| 35) Carbon Tetrachloride | 7.05 | 117 | 18576 | 0.14 | ppbv | # | 86 |
| 36) Benzene | 6.92 | 78 | 123978 | 0.72 | ppbv | | 98 |
| 38) Trichloroethene | 7.86 | 130 | 1007357 | 13.93 | ppbv | | 98 |
| 39) 1,2-Dichloropropane | 7.20 | 63 | 510898 | 7.57 | ppbv | # | 29 |
| 41) Tetrahydrofuran | 6.09 | 42 | 58754 | 0.89 | ppbv | # | 88 |
| 43) Methyl Methacrylate | 8.04 | 69 | 8345 | 0.13 | ppbv | # | 53 |
| 44) 2,2,4-Trimethylpentane | 7.90 | 57 | 34104 | 0.12 | ppbv | # | 12 |
| 50) 4-Methyl-2-Pentanone | 8.78 | 43 | 27361 | 0.17 | ppbv | | 94 |
| 52) Tetrachloroethene | 11.25 | 164 | 48836 | 0.77 | ppbv | | 92 |
| 53) Toluene | 9.83 | 91 | 220811 | 1.19 | ppbv | | 99 |
| 57) Chlorobenzene | 12.18 | 112 | 43896 | 0.29 | ppbv | # | 63 |
| 58) Ethyl Benzene | 12.74 | 91 | 105241 | 0.43 | ppbv | | 98 |
| 59) m/p-Xylene | 13.00 | 91 | 302464 | 1.41 | ppbv | | 94 |
| 60) o-Xylene | 13.72 | 91 | 109876 | 0.54 | ppbv | | 96 |
| 61) Styrene | 13.55 | 104 | 28237 | 0.26 | ppbv | # | 89 |
| 62) Isopropylbenzene | 14.70 | 105 | 12579 | 0.04 | ppbv | # | 48 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
Data File : VL038763.D
Acq On : 25 Mar 2022 13:02
Operator : SY/AP
Sample : N2096-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Quant Time: Mar 25 23:22:15 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 72) 4-Ethyltoluene | 15.87 | 105 | 33494 | 0.14 | ppbv | # | 83 |
| 73) 1,3,5-Trimethylbenzene | 16.03 | 105 | 17090 | 0.08 | ppbv | | 96 |
| 74) 1,2,4-Trimethylbenzene | 16.79 | 105 | 67407 | 0.28 | ppbv | # | 74 |
| 79) Naphthalene | 22.24 | 128 | 8575 | 0.05 | ppbv | # | 90 |

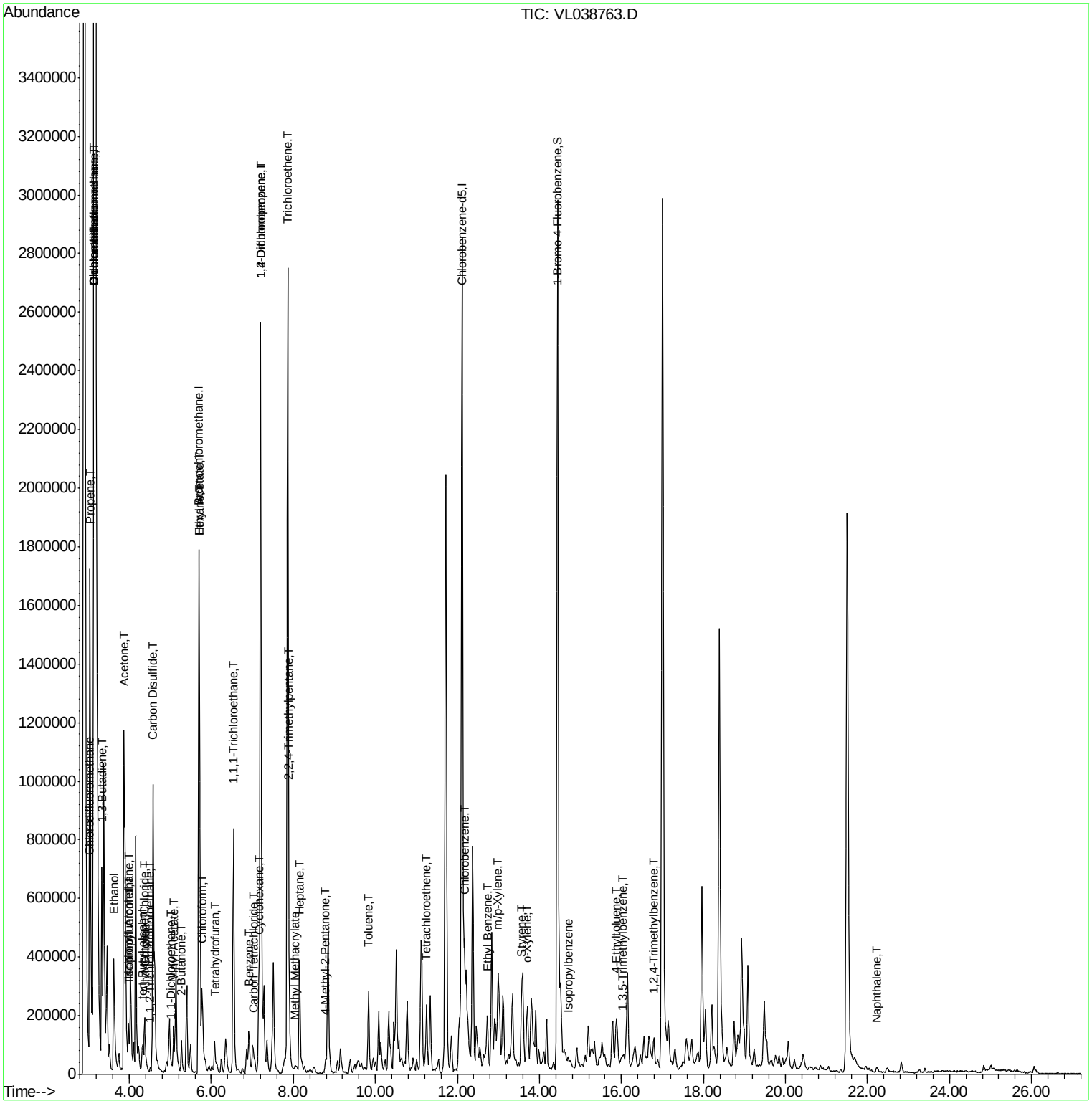
(#) = qualifier out of range (m) = manual integration (+) = signals summed

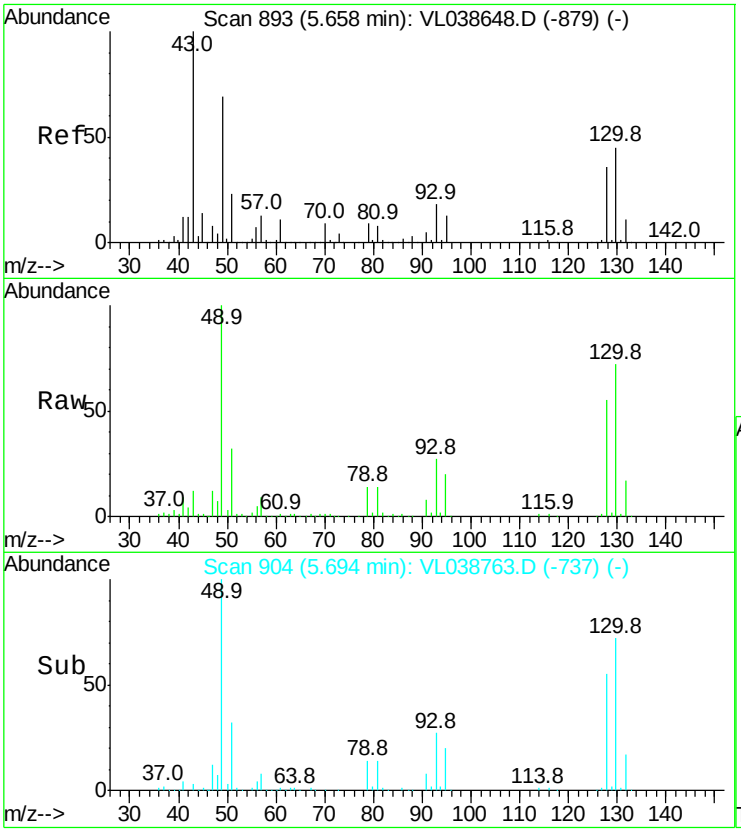
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
Data File : VL038763.D
Acq On : 25 Mar 2022 13:02
Operator : SY/AP
Sample : N2096-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Quant Time: Mar 25 23:22:15 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration



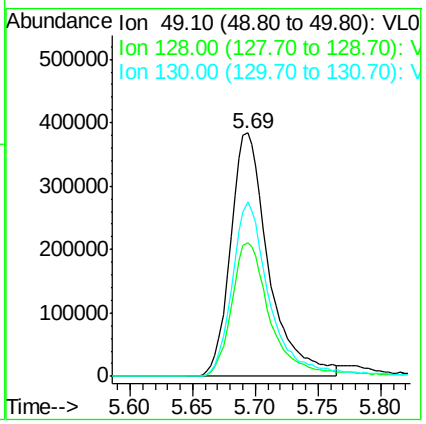


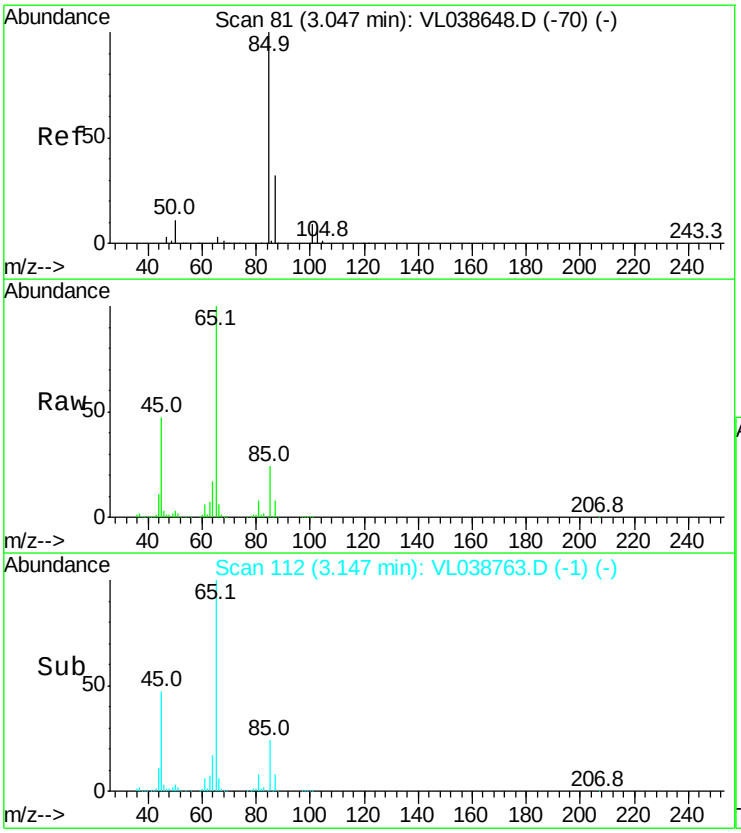

#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion: 49 Resp: 808828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 57.1 | 26.2 | 78.6 |
| 130 | 73.2 | 33.7 | 101.1 |

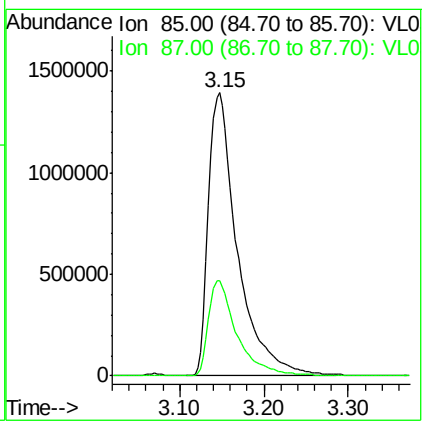


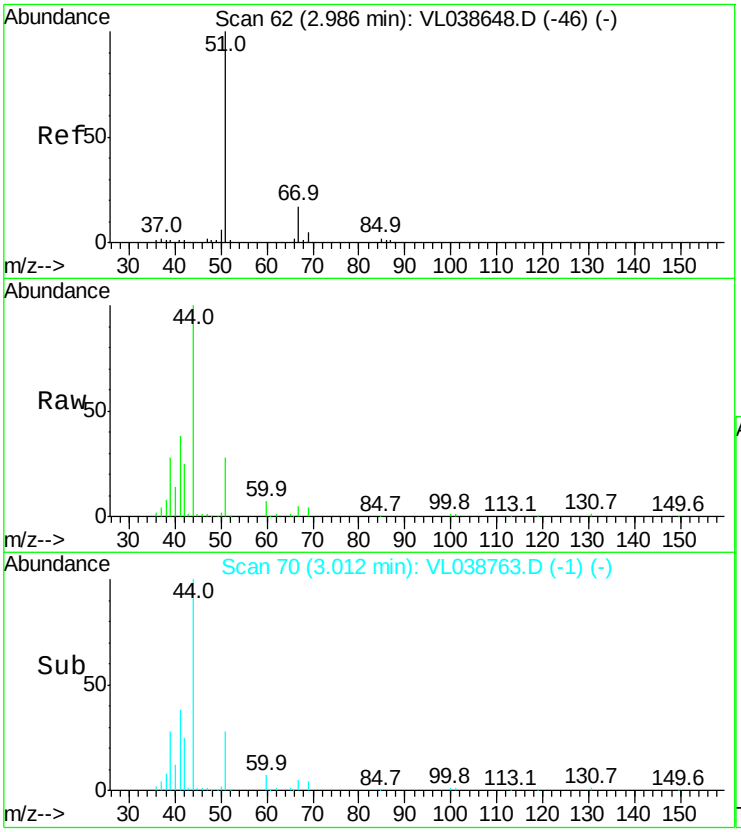




#2
Dichlorodifluoromethane
Concen: 30.63 ppbv
RT: 3.15 min Scan# 112
Delta R.T. 0.10 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion: 85 Resp: 3330160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.8 | 26.0 | 39.0 |



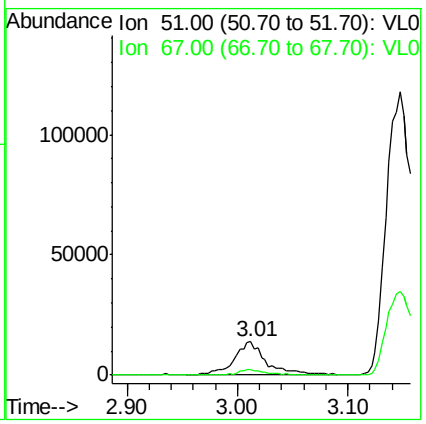


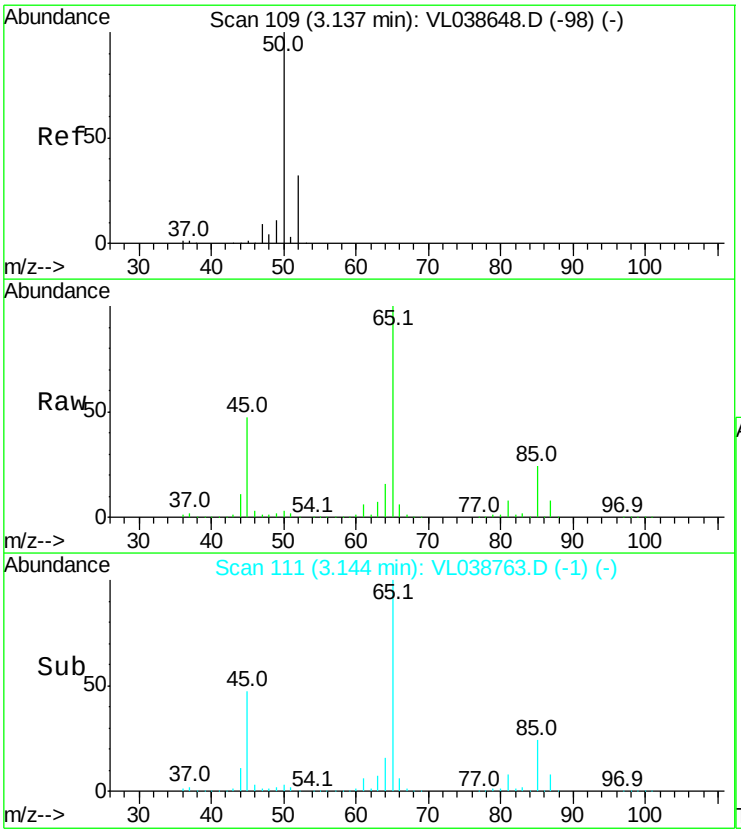

#3
Chlorodifluoromethane
Concen: 0.32 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion: 51 Resp: 26963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 13.7 | 14.1 | 21.1# |

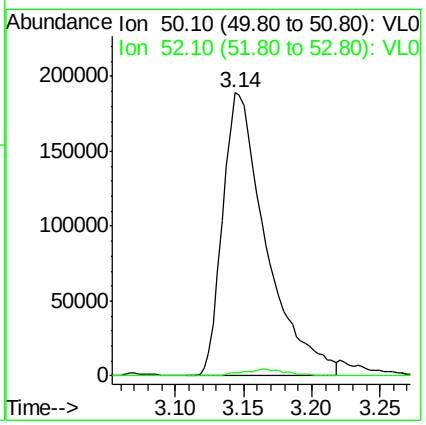


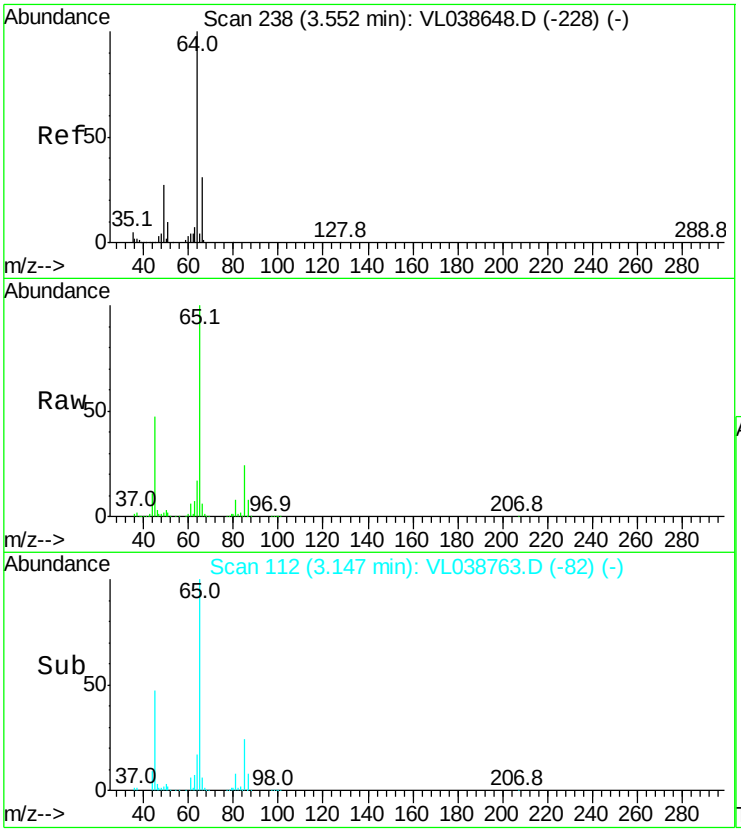




#4
Chloromethane
Concen: 8.97 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.01 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion: 50 Resp: 420910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 1.1 | 25.5 | 38.3# |



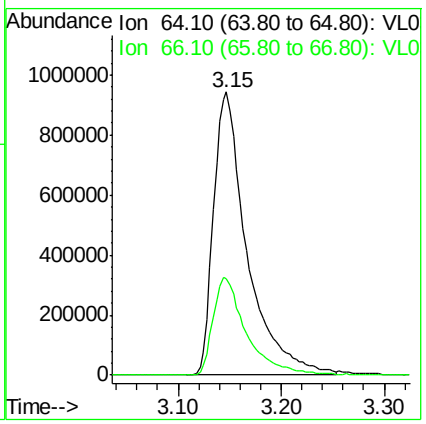


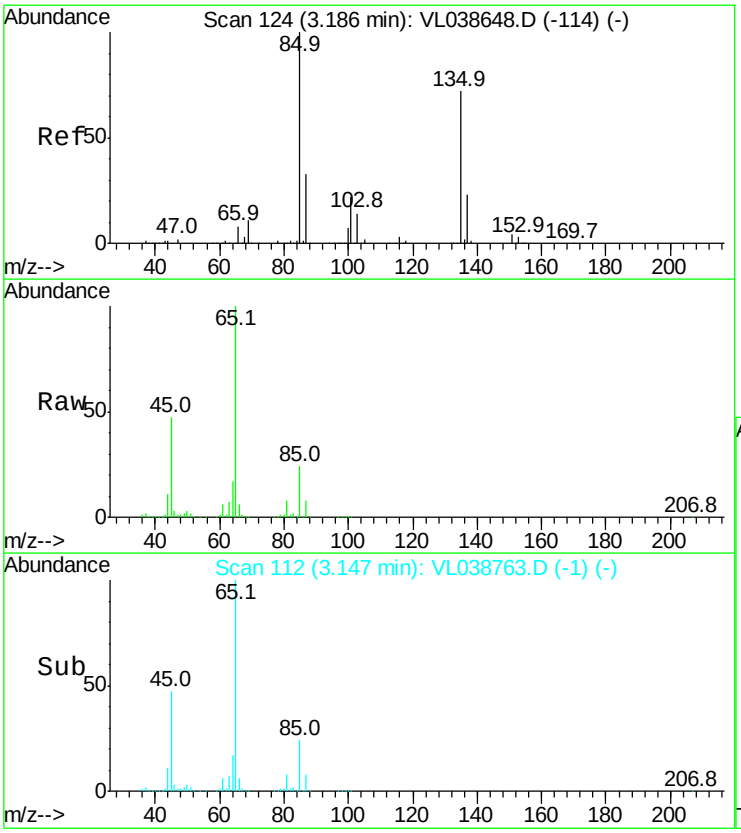

#7
Chloroethane
Concen: 135.22 ppbv
RT: 3.15
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion: 64 Resp: 2133331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.9 | 25.0 | 37.6 |

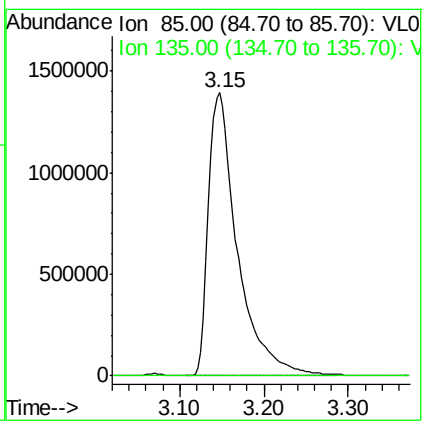


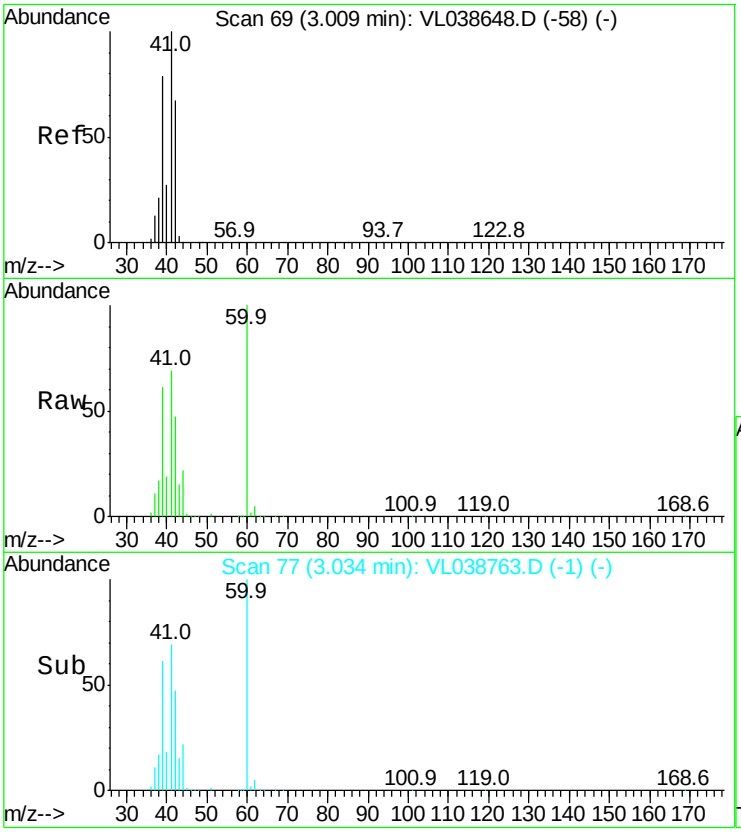




#8
Dichlorotetrafluoroethane
Concen: 30.68 ppbv
RT: 3.15 min Scan# 112
Delta R.T. -0.04 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion: 85 Resp: 3330160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 135 | 0.0 | 57.8 | 86.6# |



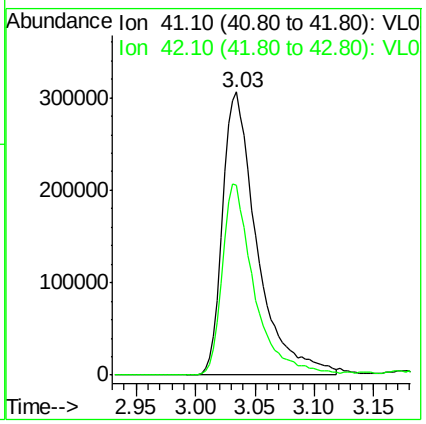


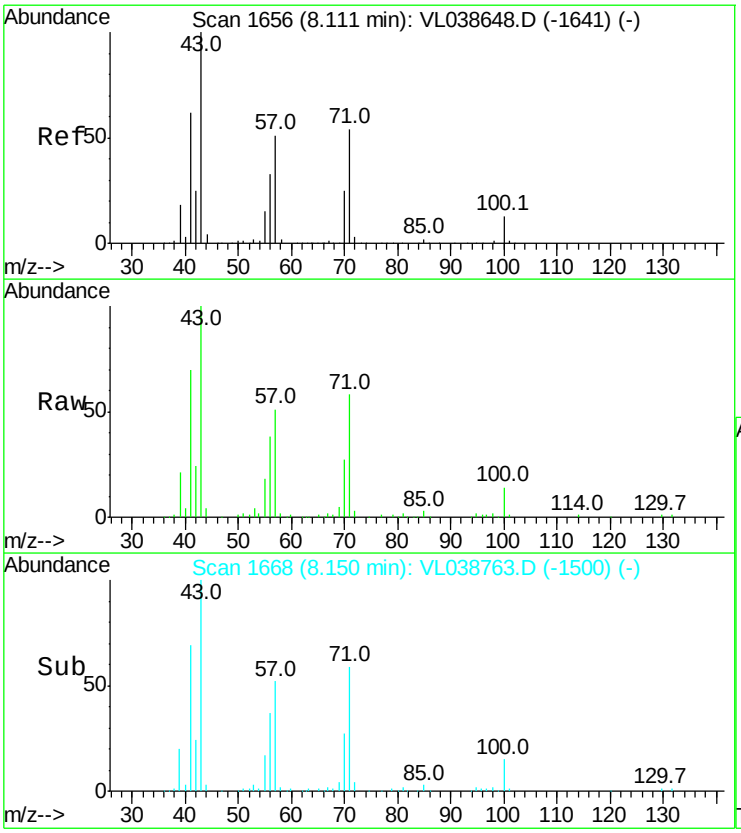

#9
Propene
Concen: 14.94 ppbv
RT: 3.03
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion: 41 Resp: 616198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 63.3 | 56.2 | 84.4 |

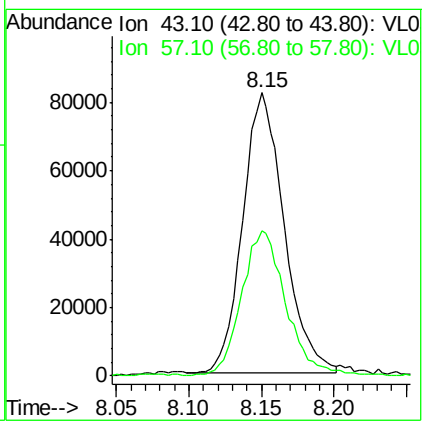


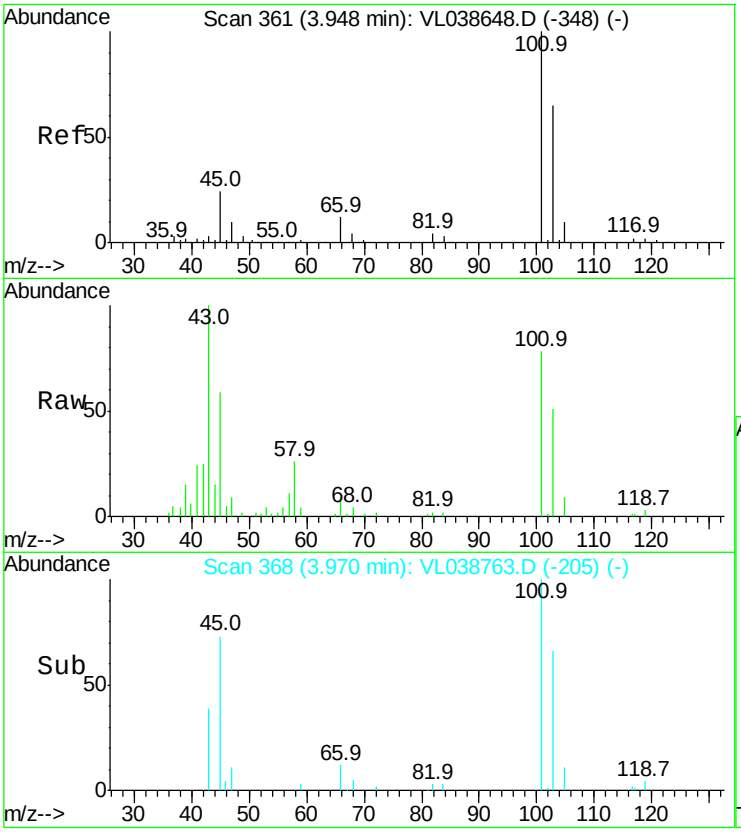




#10
Heptane
Concen: 1.66 ppbv
RT: 8.15 min Scan# 1668
Delta R.T. 0.04 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion: 43 Resp: 163915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 54.8 | 41.4 | 62.2 |



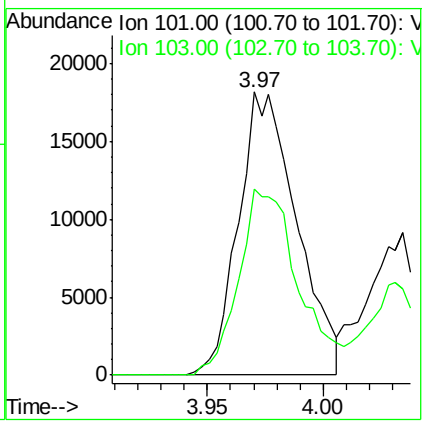


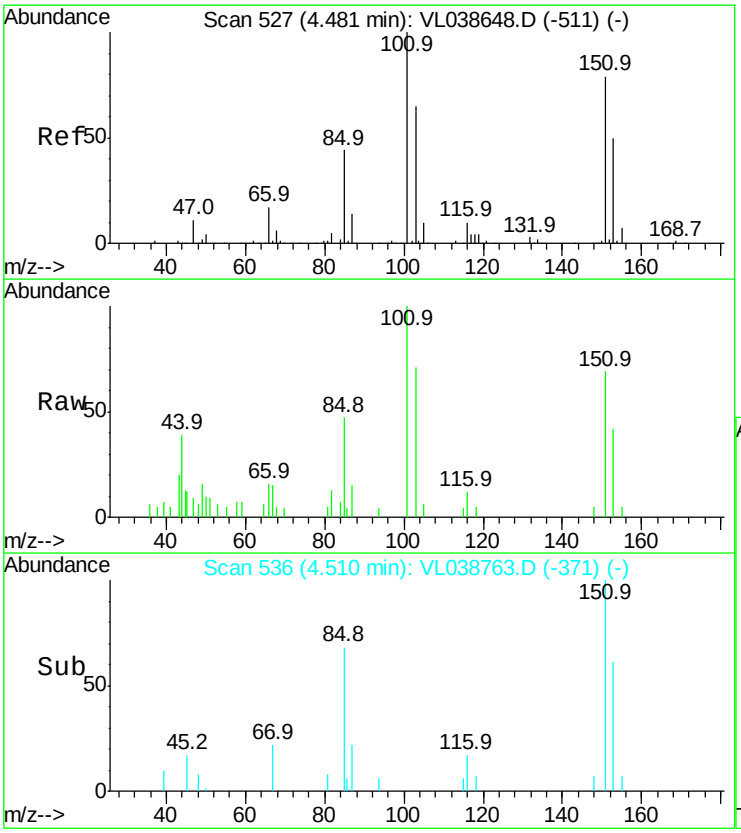

#11
Trichlorofluoromethane
Concen: 0.33 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion:101 Resp: 31818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.8 | 51.9 | 77.9 |

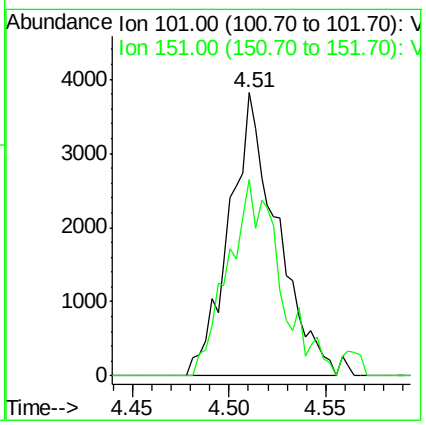


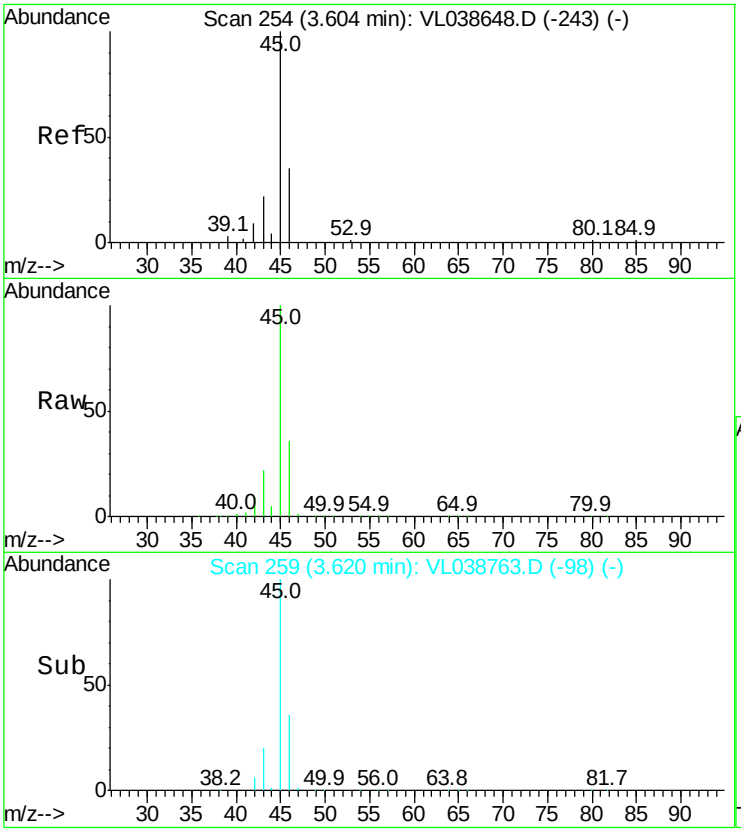




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.09 ppbv
RT: 4.51 min Scan# 536
Delta R.T. 0.03 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion:101 Resp: 6559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 78.7 | 62.9 | 94.3 |



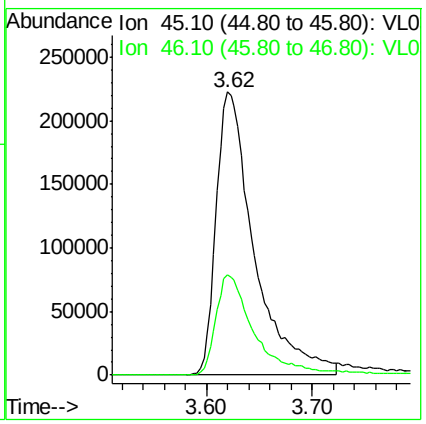


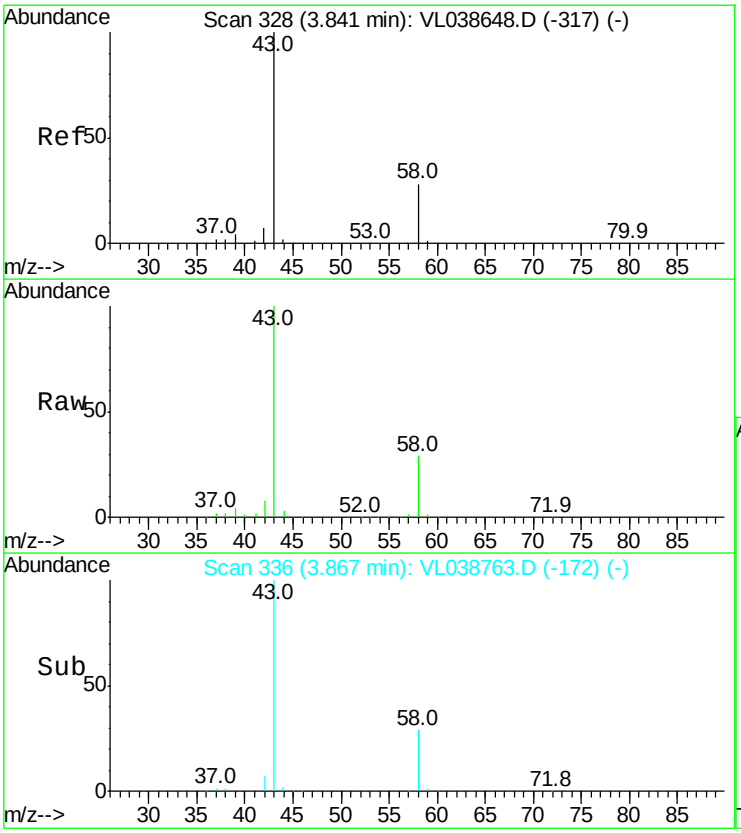

#13
Ethanol
Concen: 122.94 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion: 45 Resp: 559325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 36.9 | 15.1 | 60.5 |

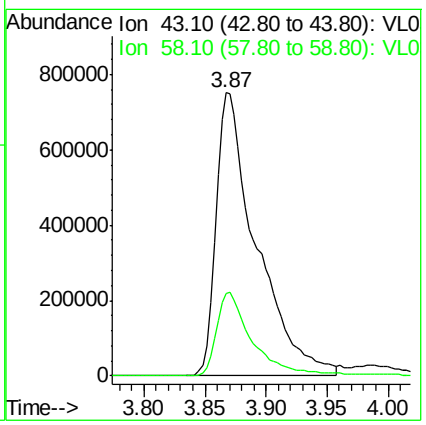


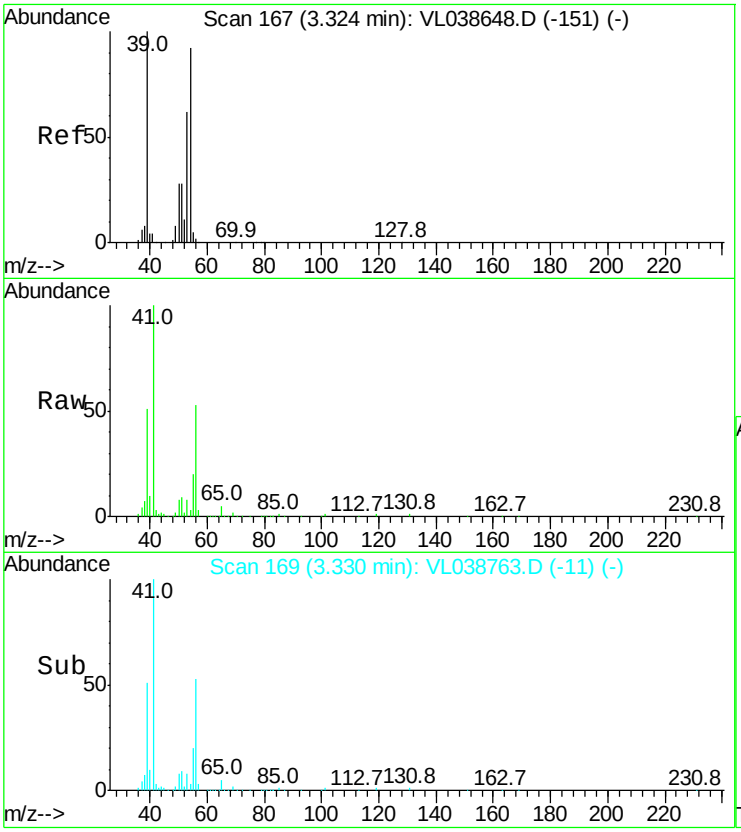




#15
Acetone
Concen: 24.76 ppbv
RT: 3.87 min Scan# 336
Delta R.T. 0.03 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion: 43 Resp: 1728134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.6 | 23.3 | 34.9 |



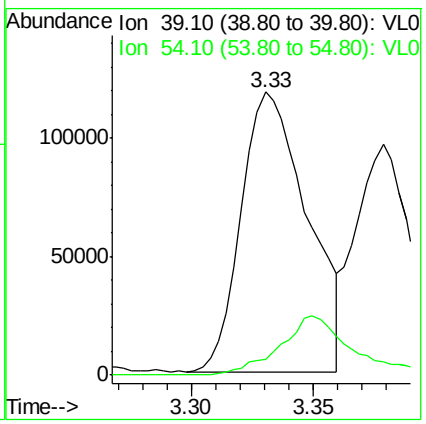


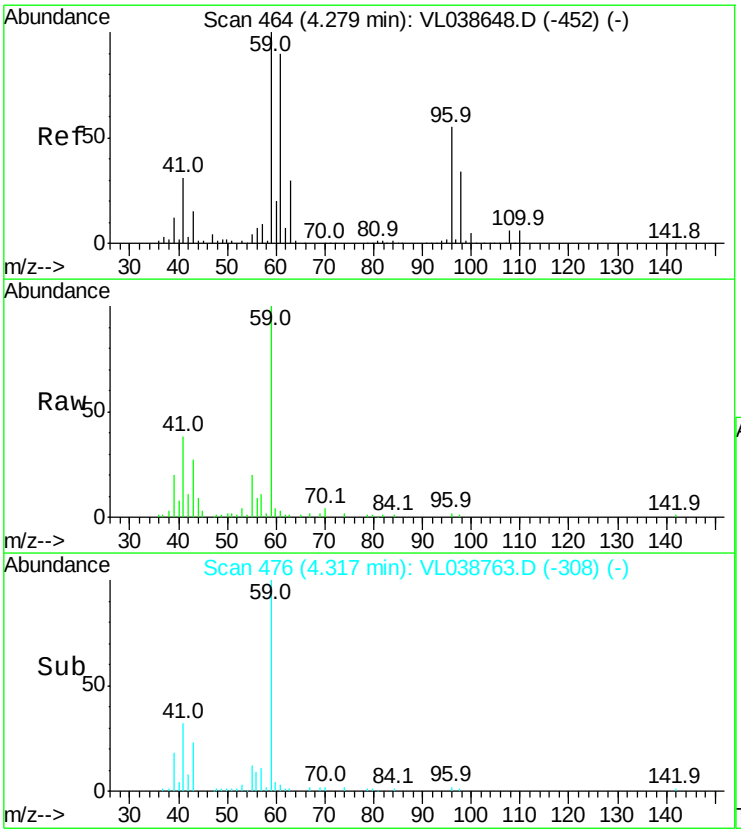

#16
1,3-Butadiene
Concen: 5.60 ppbv
RT: 3.33
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion: 39 Resp: 221964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 23.6 | 69.1 | 103.7# |

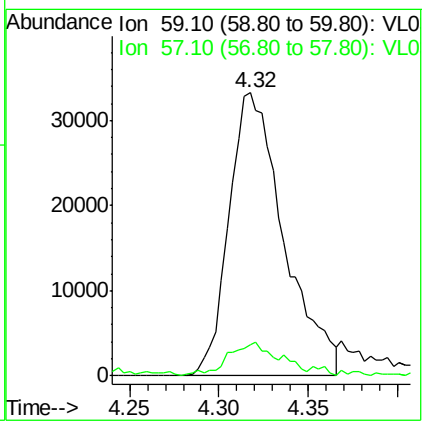


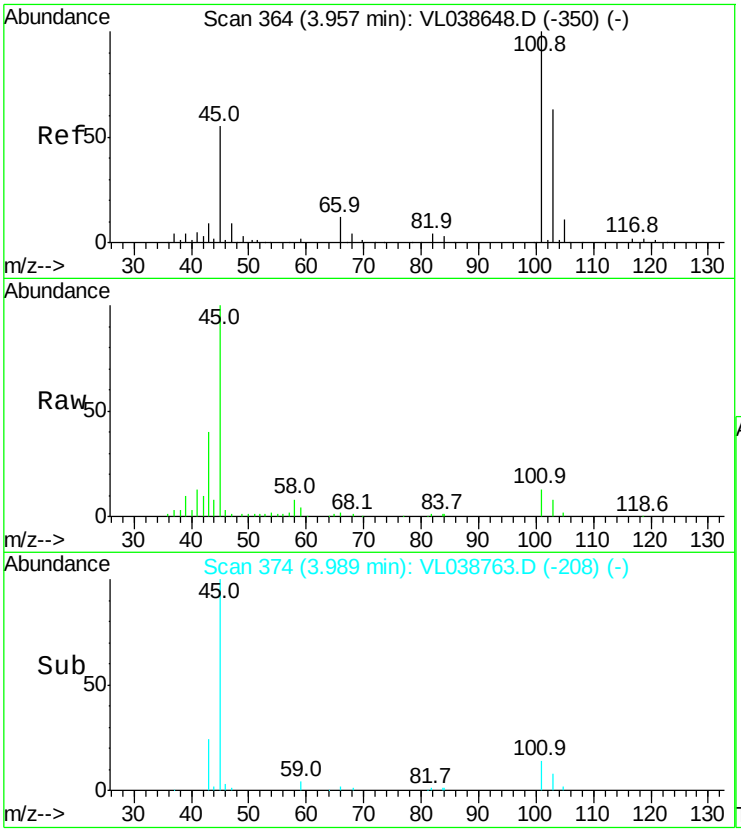




#17
tert-Butyl alcohol
Concen: 1.17 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.04 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion: 59 Resp: 71325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 12.9 | 8.2 | 12.2# |



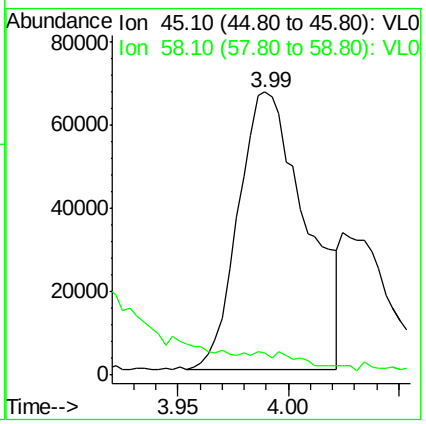


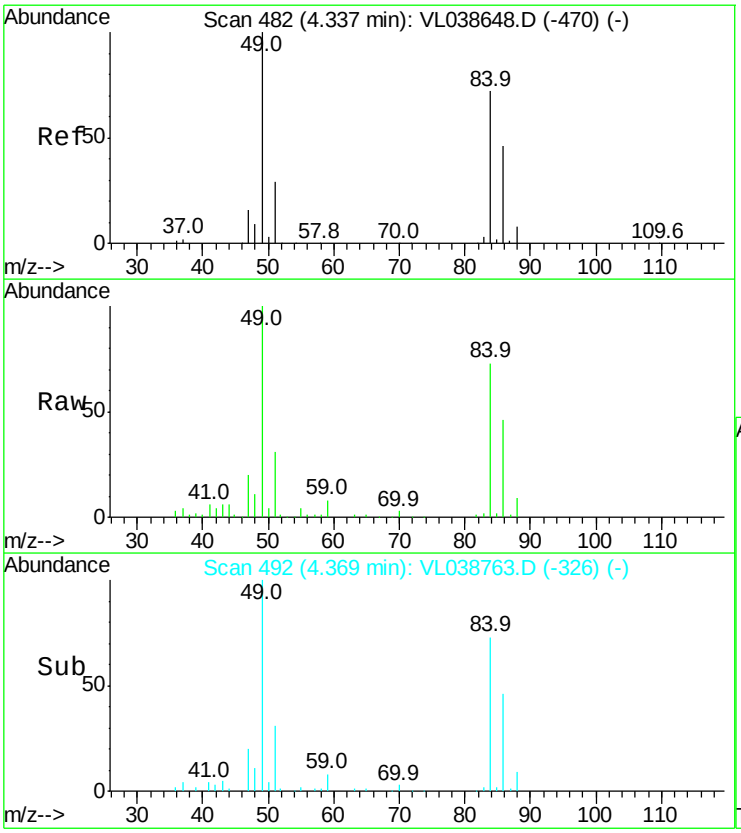

#19
Isopropyl Alcohol
Concen: 3.66 ppbv
RT: 3.99
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion: 45 Resp: 141622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 336.9 | 2.3 | 3.5# |

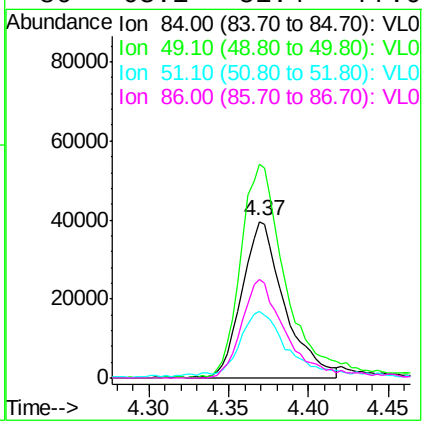


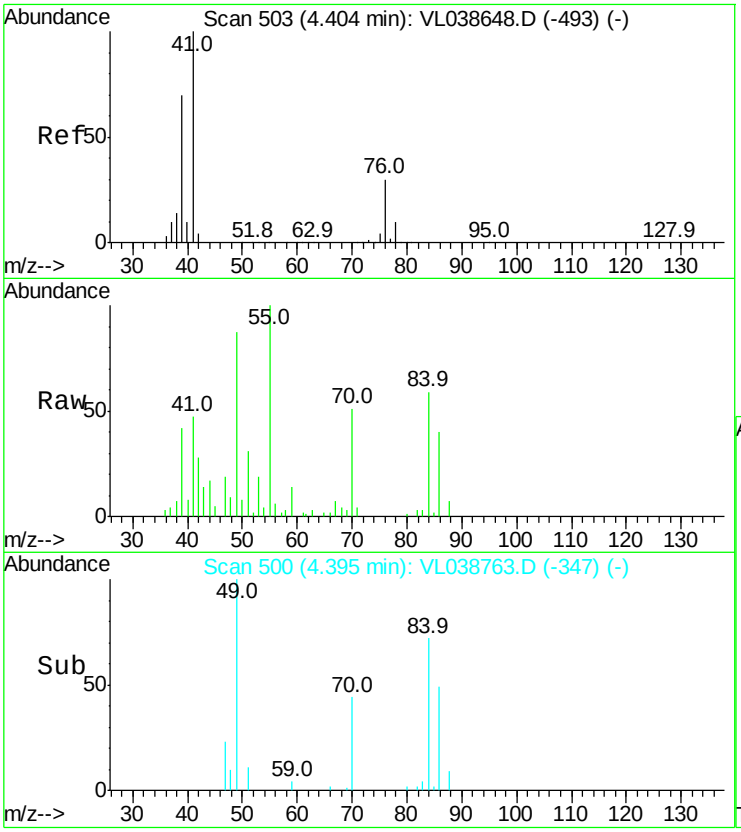




#20
Methylene Chloride
Concen: 2.46 ppbv
RT: 4.37 min Scan# 492
Delta R.T. 0.03 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion: 84 Resp: 72177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 136.6 | 111.2 | 166.8 |
| 51 | 41.6 | 32.8 | 49.2 |
| 86 | 63.1 | 51.4 | 77.0 |



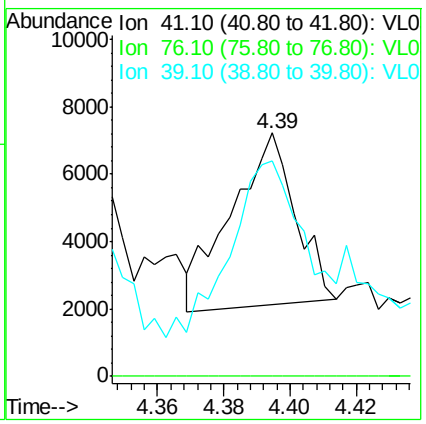


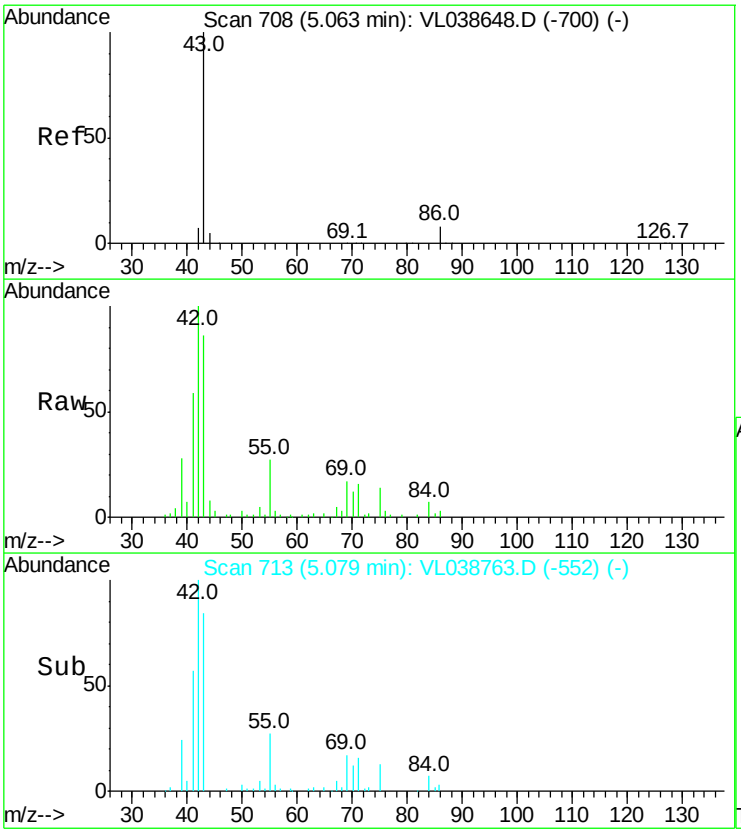

#21
Allyl Chloride
Concen: 0.14 ppbv
RT: 4.39
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion: 41 Resp: 6890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 0.0 | 25.0 | 37.6# |
| 39 | 253.5 | 56.6 | 85.0# |

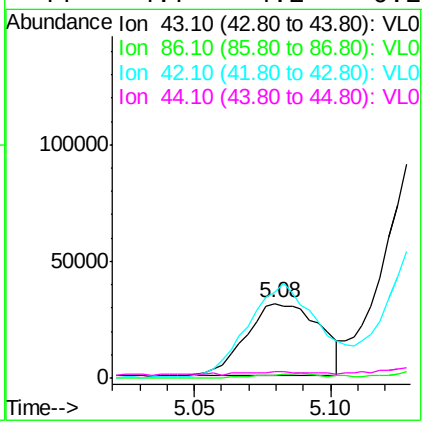


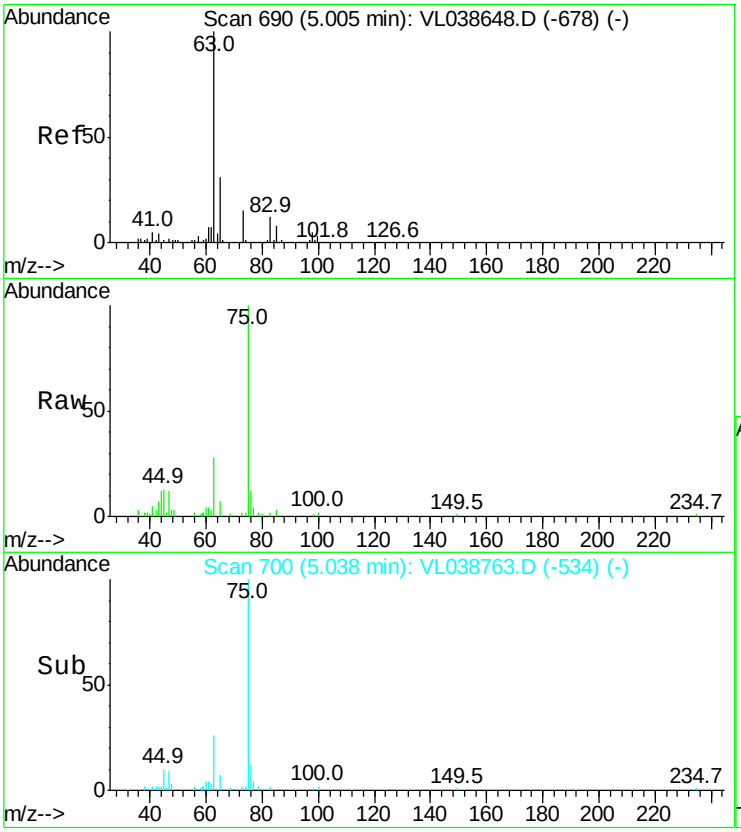




#23
Vinyl Acetate
Concen: 0.85 ppbv
RT: 5.08 min Scan# 713
Delta R.T. 0.02 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion: 43 Resp: 57733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 3.9 | 5.6 | 8.4# |
| 42 | 117.8 | 6.8 | 10.2# |
| 44 | 4.7 | 4.2 | 6.2 |



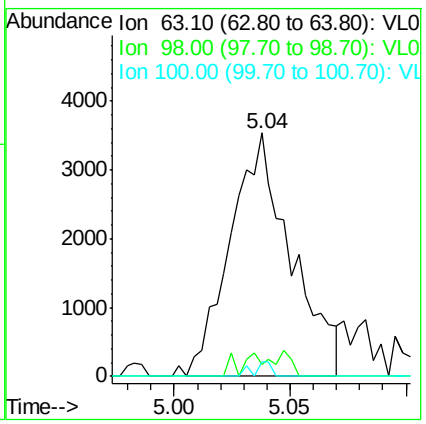


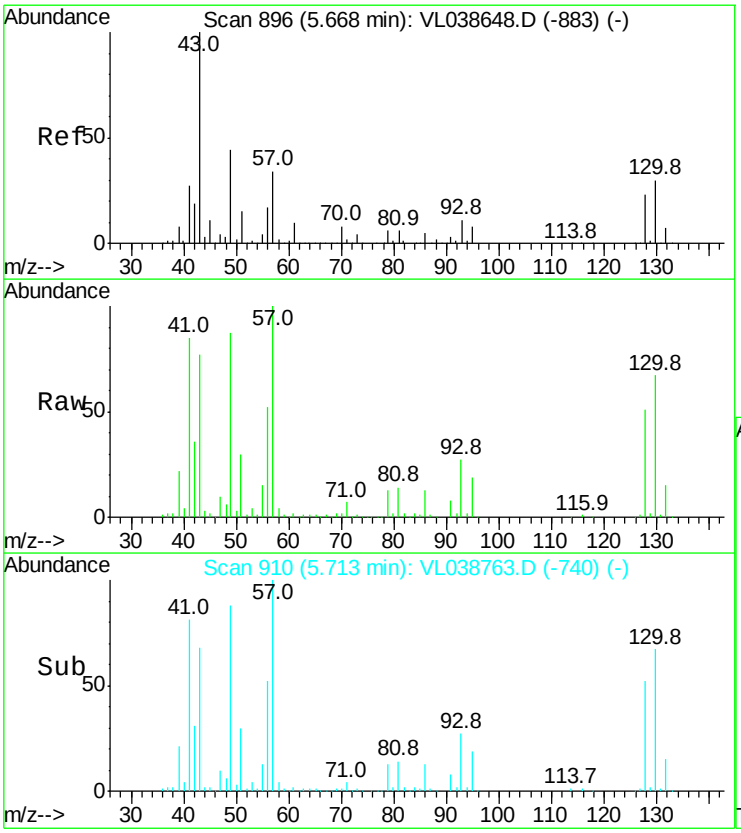

#24
1,1-Dichloroethane
Concen: 0.10 ppbv
RT: 5.04
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion: 63 Resp: 6464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 5.0 | 2.5 | 7.5 |
| 100 | 6.2 | 1.4 | 4.2# |

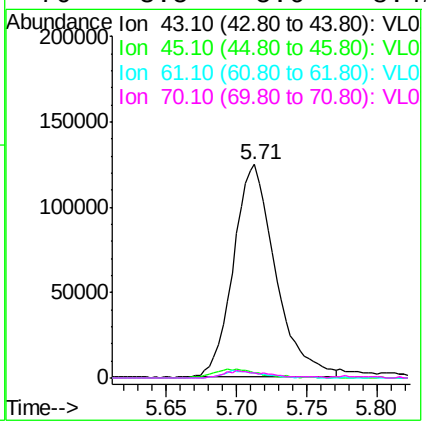


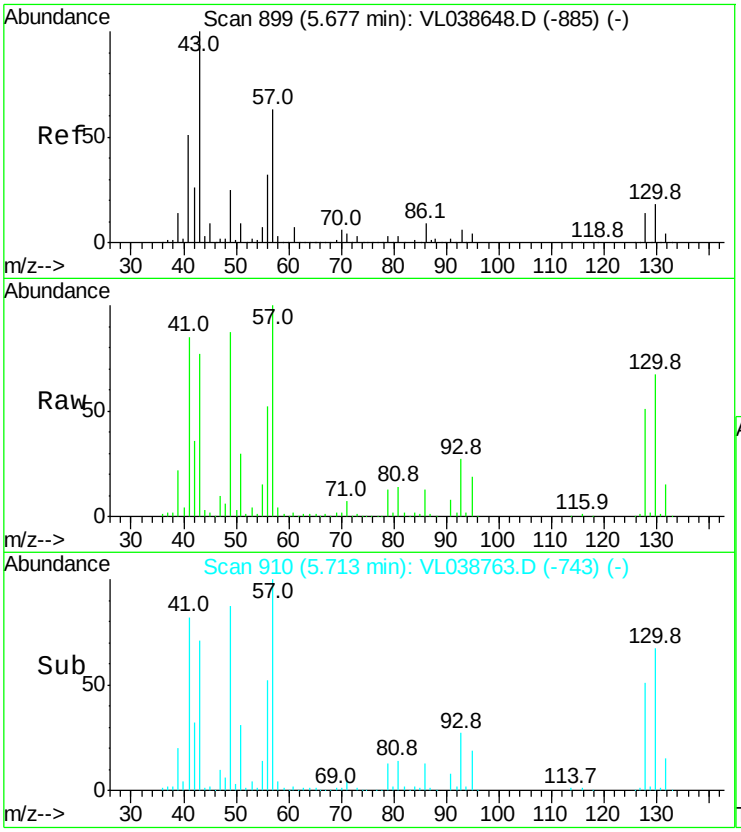




#25
Ethyl Acetate
Concen: 1.48 ppbv
RT: 5.71 min Scan# 910
Delta R.T. 0.05 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion: 43 Resp: 260634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 4.6 | 8.2 | 12.4# |
| 61 | 3.5 | 8.3 | 12.5# |
| 70 | 3.5 | 5.6 | 8.4# |



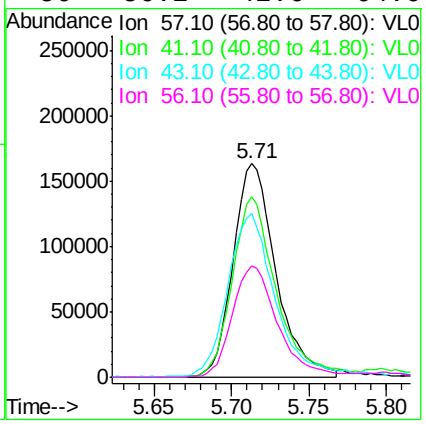


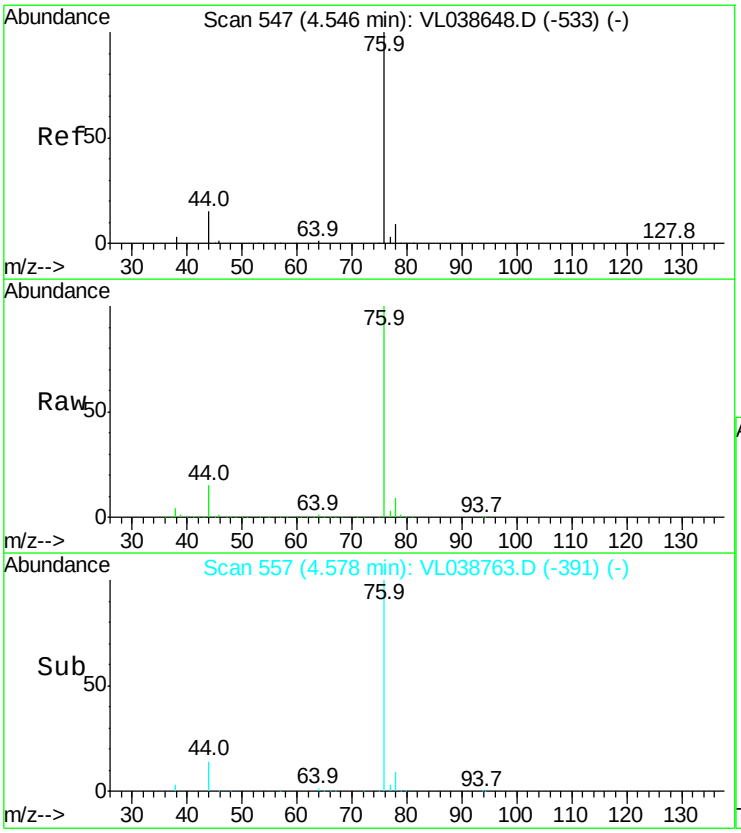

#26
Hexane
Concen: 3.99 ppbv
RT: 5.71
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion: 57 Resp: 313545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 87.9 | 67.0 | 100.4 |
| 43 | 89.1 | 184.2 | 276.2# |
| 56 | 56.2 | 42.6 | 64.0 |

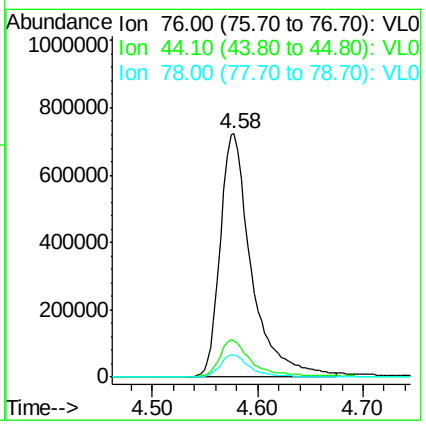


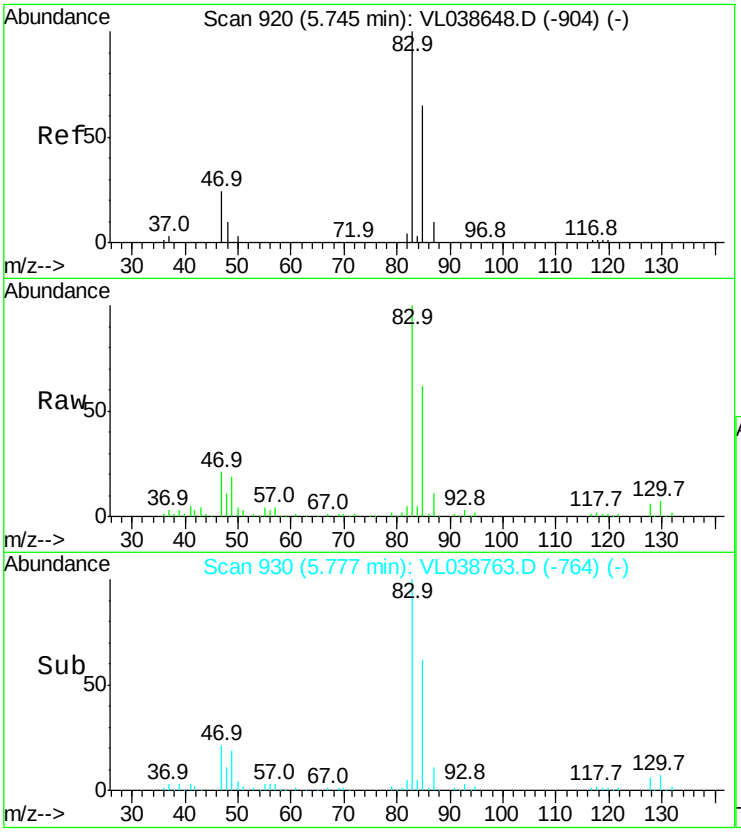




#27
Carbon Disulfide
Concen: 19.33 ppbv
RT: 4.58 min Scan# 557
Delta R.T. 0.03 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion: 76 Resp: 1491860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 44 | 15.6 | 12.4 | 18.6 |
| 78 | 9.1 | 7.8 | 11.8 |



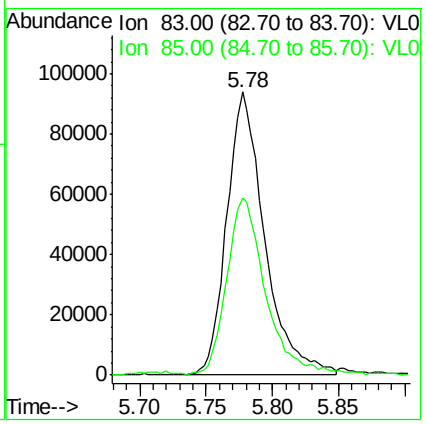


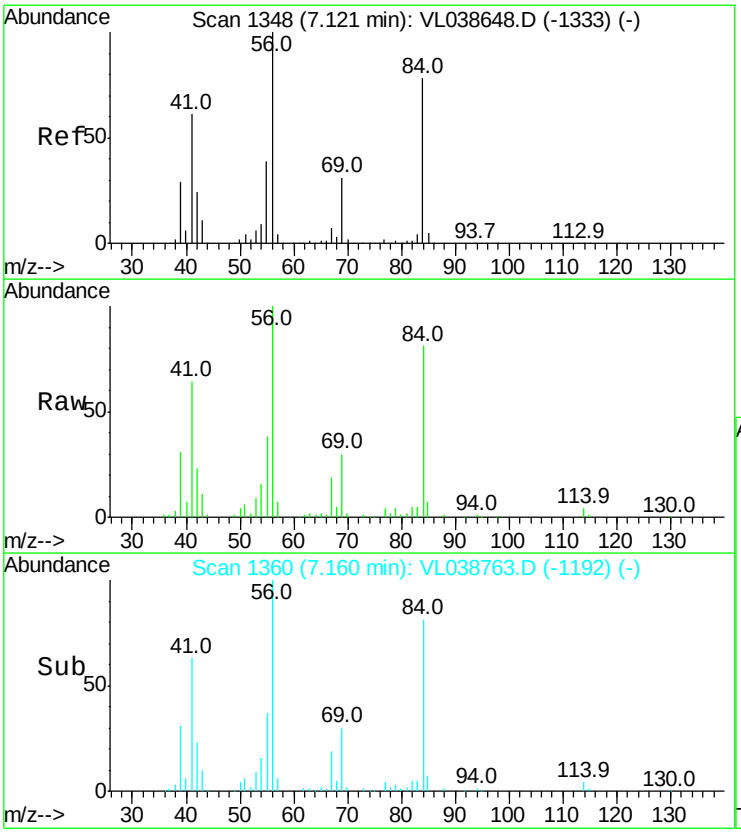

#29
Chloroform
Concen: 1.48 ppbv
RT: 5.78
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion: 83 Resp: 186615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.0 | 51.7 | 77.5 |

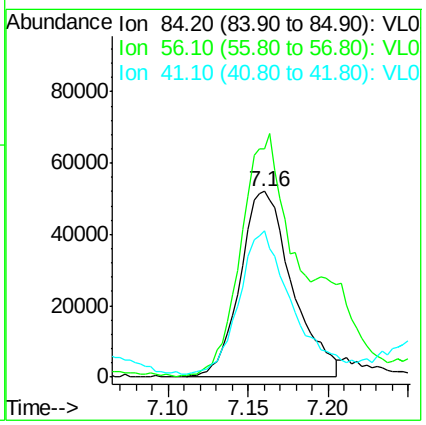


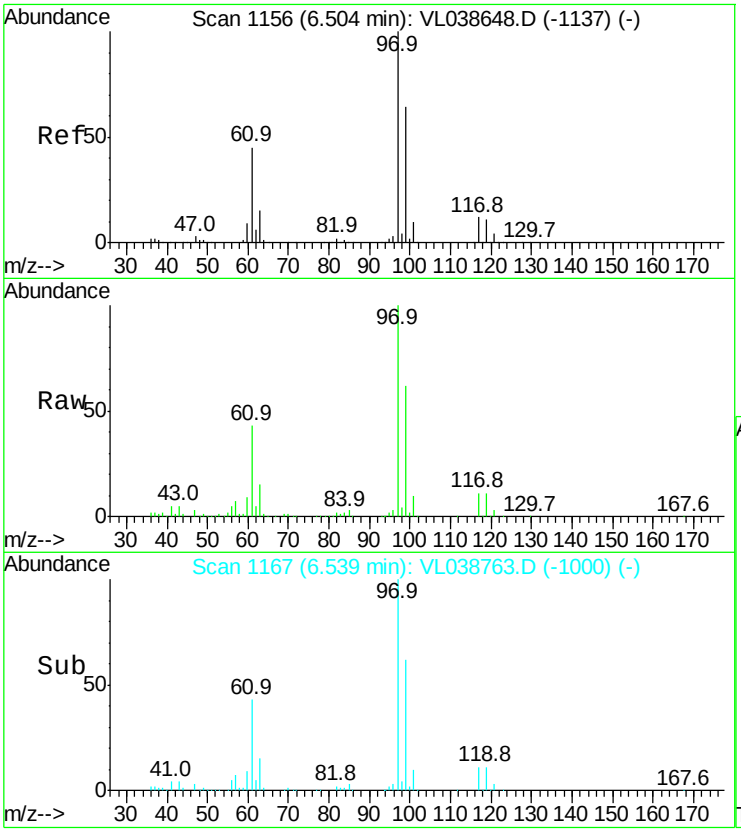




#30
Cyclohexane
Concen: 1.70 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.04 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion: 84 Resp: 116311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 166.2 | 108.2 | 162.4# |
| 41 | 78.4 | 61.8 | 92.6 |



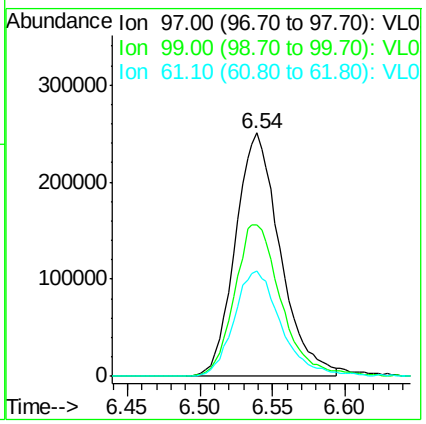


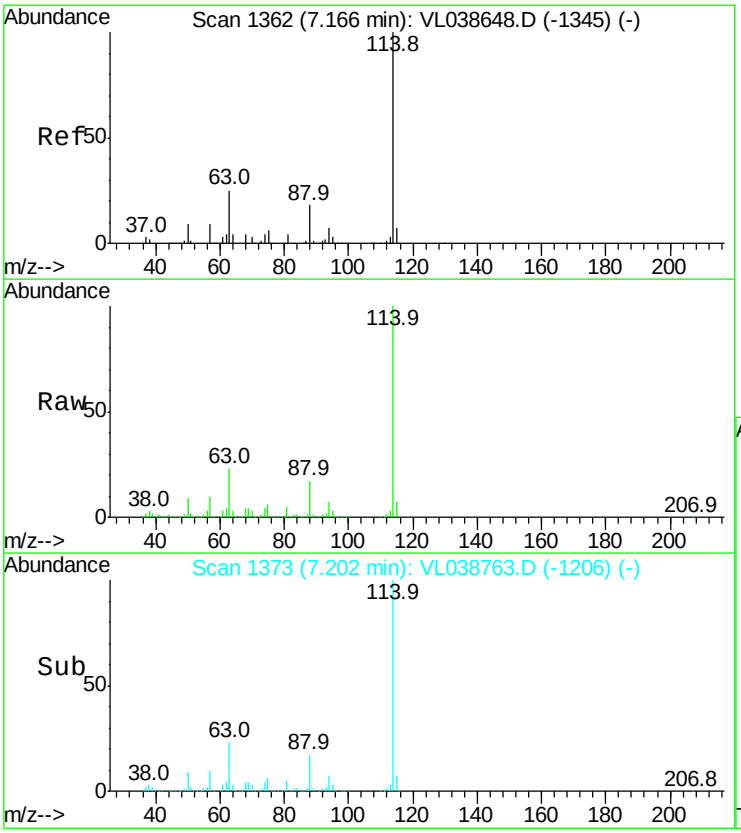

#32
1,1,1-Trichloroethane
Concen: 4.44 ppbv
RT: 6.54
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion: 97 Resp: 539052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 65.2 | 51.8 | 77.8 |
| 61 | 45.4 | 36.7 | 55.1 |

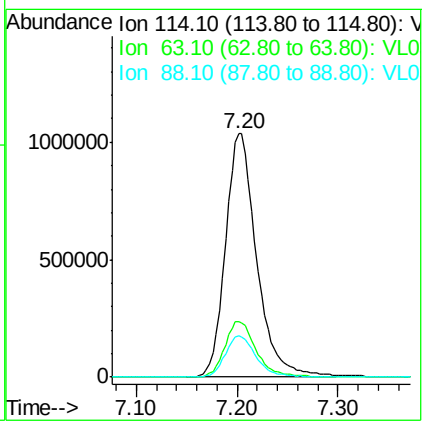


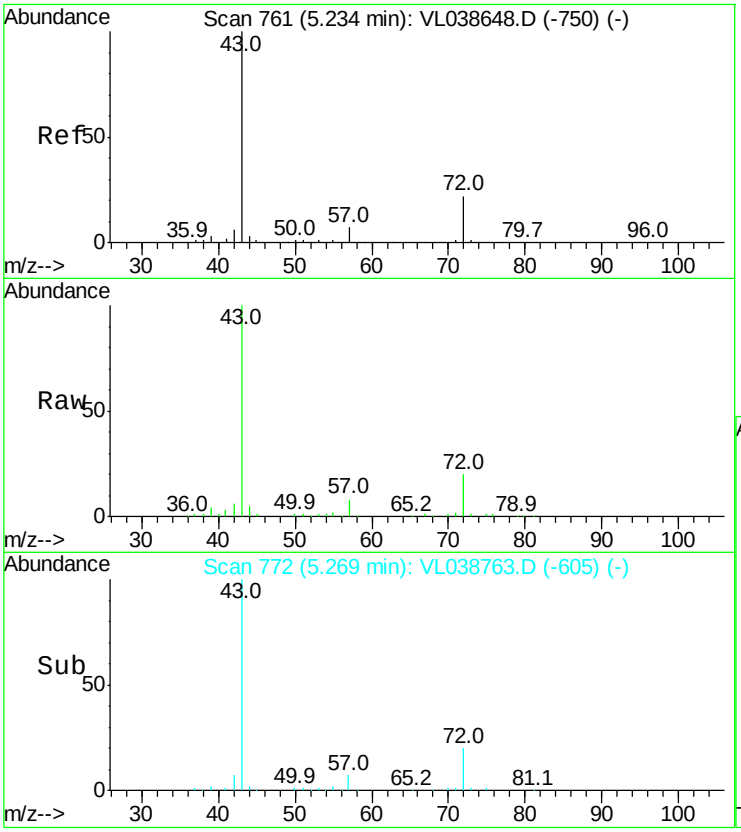




#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.20 min Scan# 1373
Delta R.T. 0.04 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion:114 Resp: 2237274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.3 | 19.4 | 29.0 |
| 88 | 17.0 | 13.9 | 20.9 |



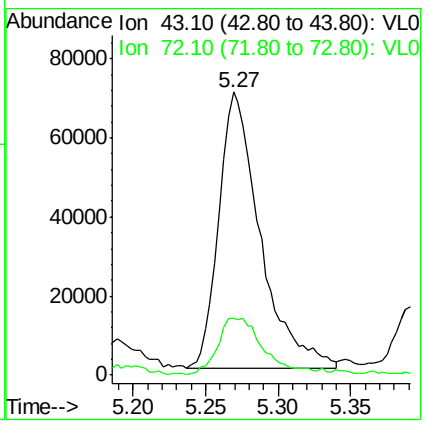


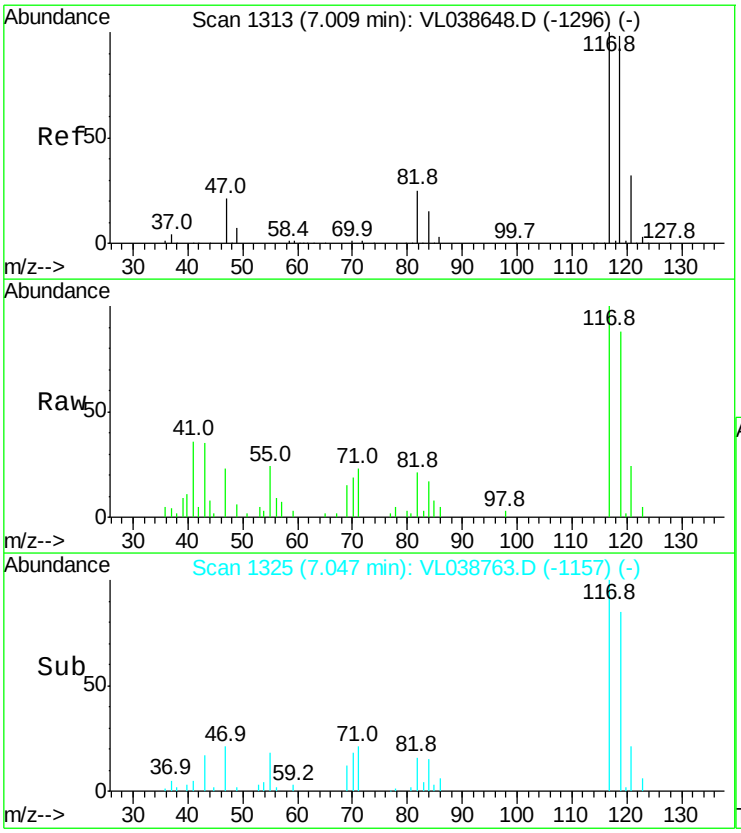

#34
2-Butanone
Concen: 1.56 ppbv
RT: 5.27
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion: 43 Resp: 138254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 23.6 | 17.8 | 26.8 |

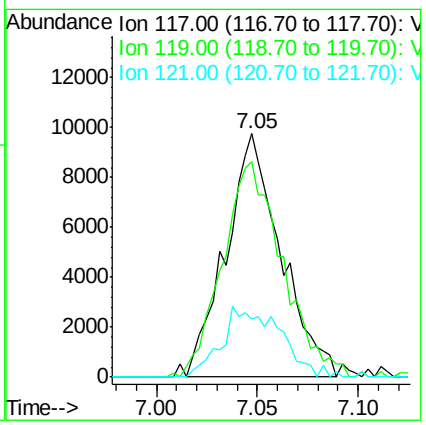


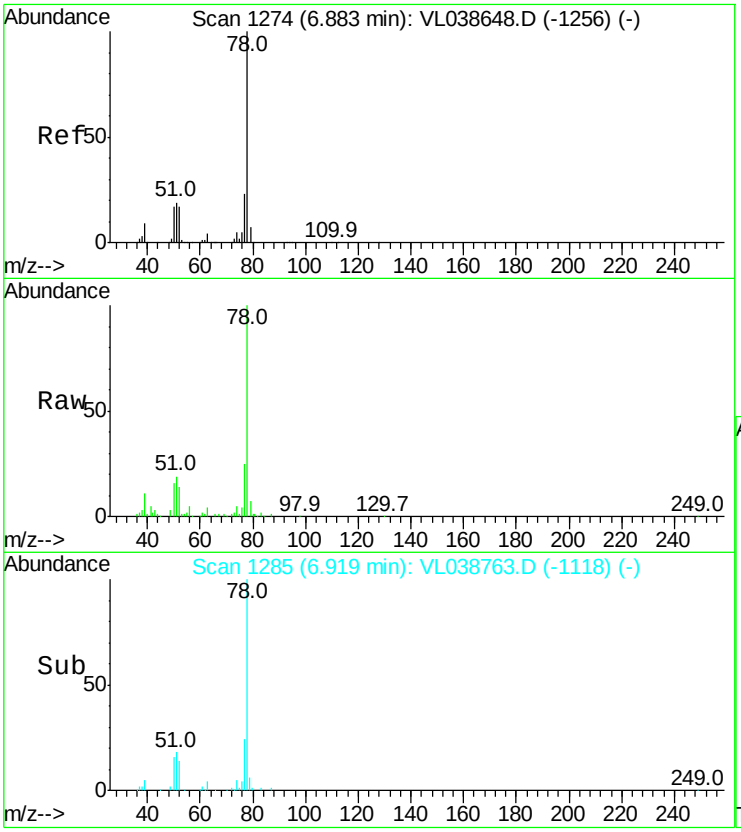




#35
Carbon Tetrachloride
Concen: 0.14 ppbv
RT: 7.05 min Scan# 1325
Delta R.T. 0.04 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion:117 Resp: 18576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 84.1 | 78.1 | 117.1 |
| 121 | 23.8 | 25.8 | 38.6# |



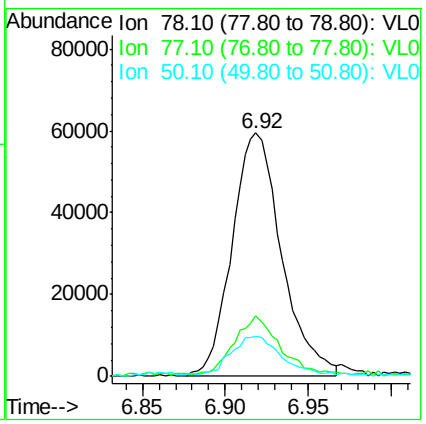


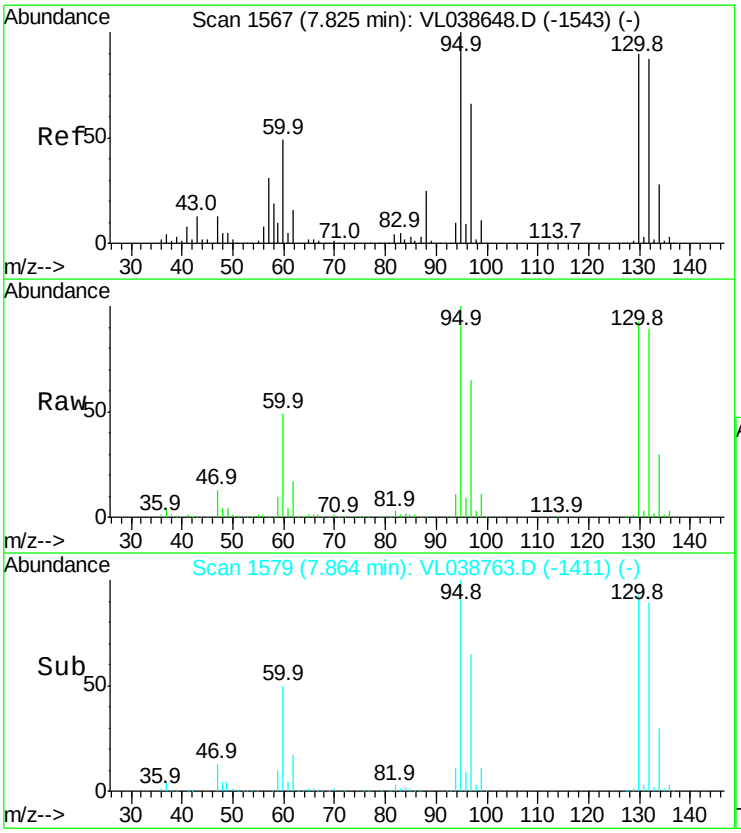

#36
Benzene
Concen: 0.72 ppbv
RT: 6.92
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion: 78 Resp: 123978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.2 | 18.1 | 27.1 |
| 50 | 15.8 | 13.6 | 20.4 |

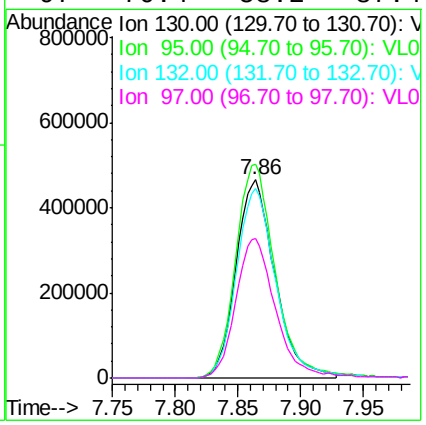


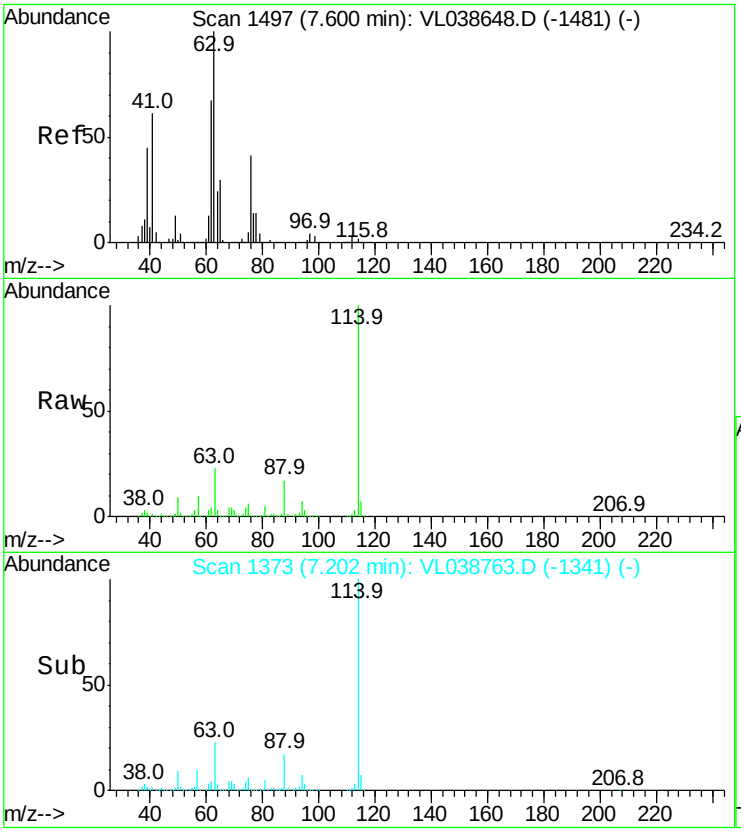




#38
Trichloroethene
Concen: 13.93 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. 0.04 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion:130 Resp: 1007357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 107.6 | 88.9 | 133.3 |
| 132 | 95.7 | 77.4 | 116.0 |
| 97 | 70.4 | 58.2 | 87.4 |



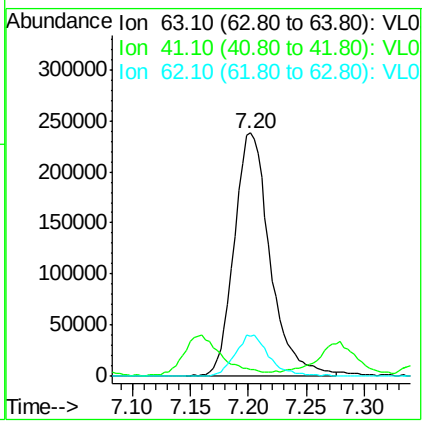


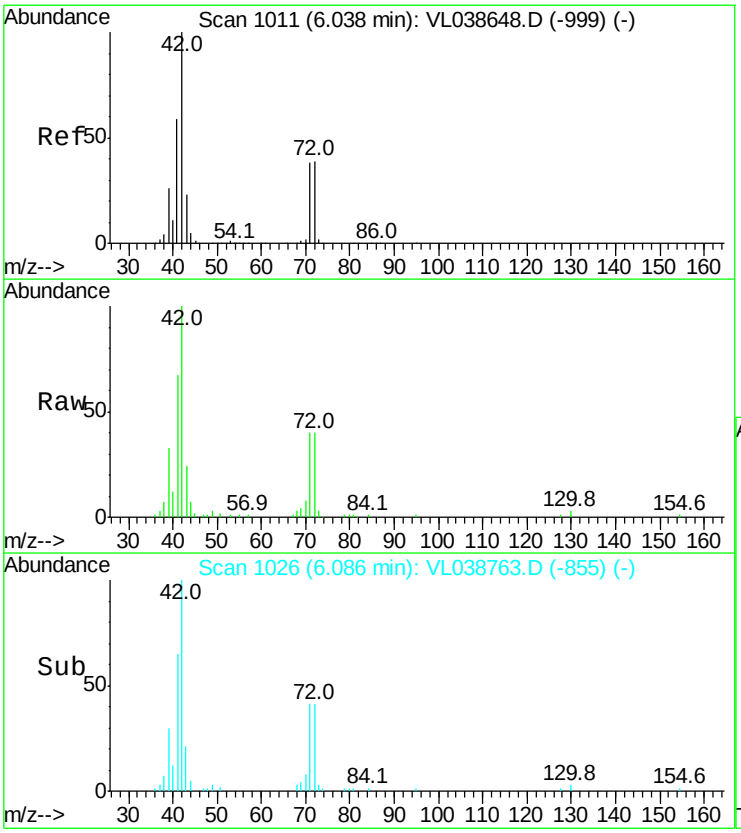

#39
1,2-Dichloropropane
Concen: 7.57 ppbv
RT: 7.20
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion: 63 Resp: 510898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 0.0 | 49.0 | 73.6# |
| 62 | 16.3 | 53.9 | 80.9# |

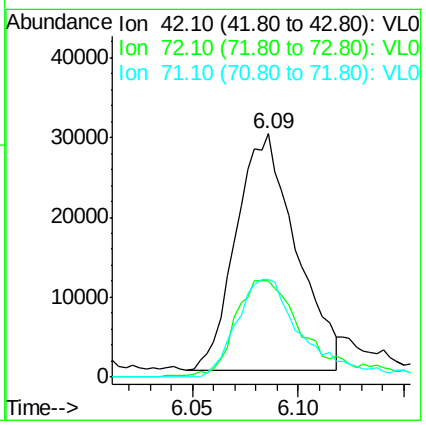


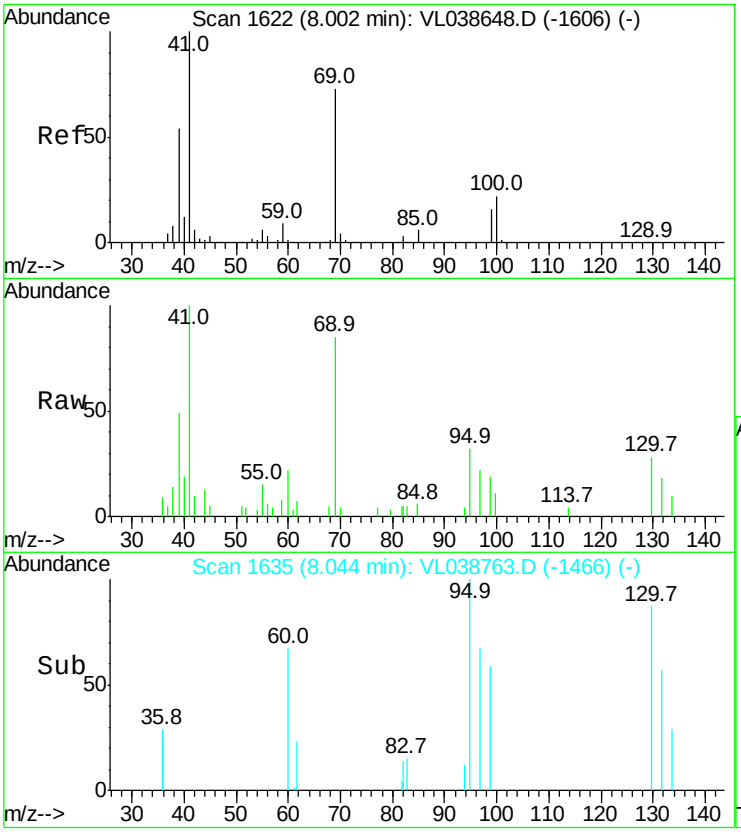




#41
Tetrahydrofuran
Concen: 0.89 ppbv
RT: 6.09 min Scan# 1026
Delta R.T. 0.05 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion: 42 Resp: 58754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 49.6 | 32.5 | 48.7# |
| 71 | 45.6 | 31.4 | 47.2 |



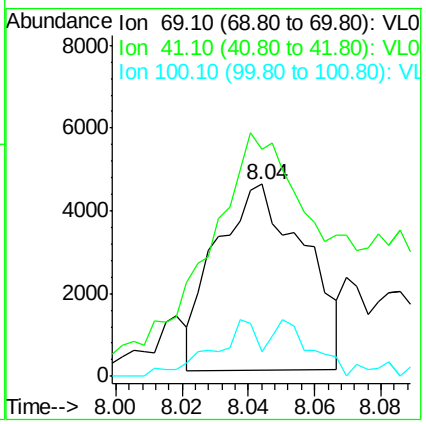


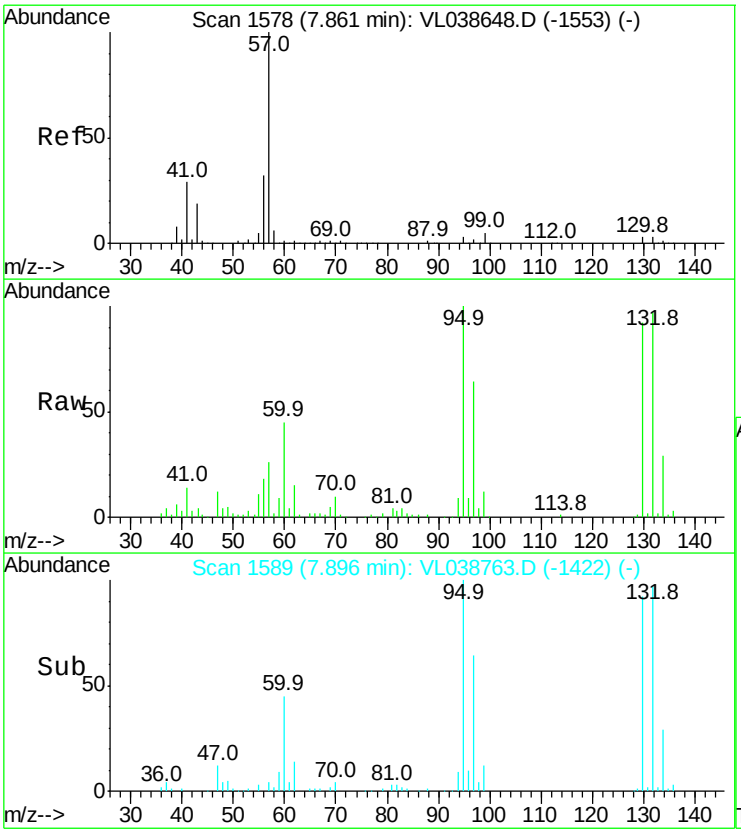

#43
Methyl Methacrylate
Concen: 0.13 ppbv
RT: 8.04
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion: 69 Resp: 8345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 206.8 | 110.3 | 165.5# |
| 100 | 30.2 | 24.8 | 37.2 |

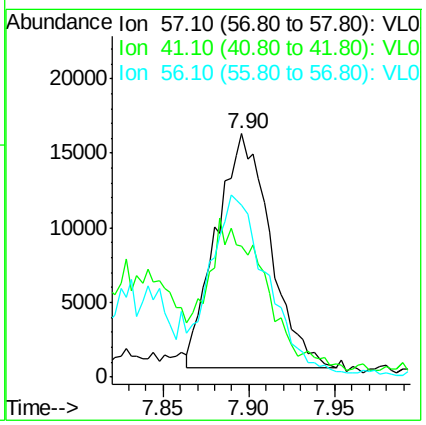


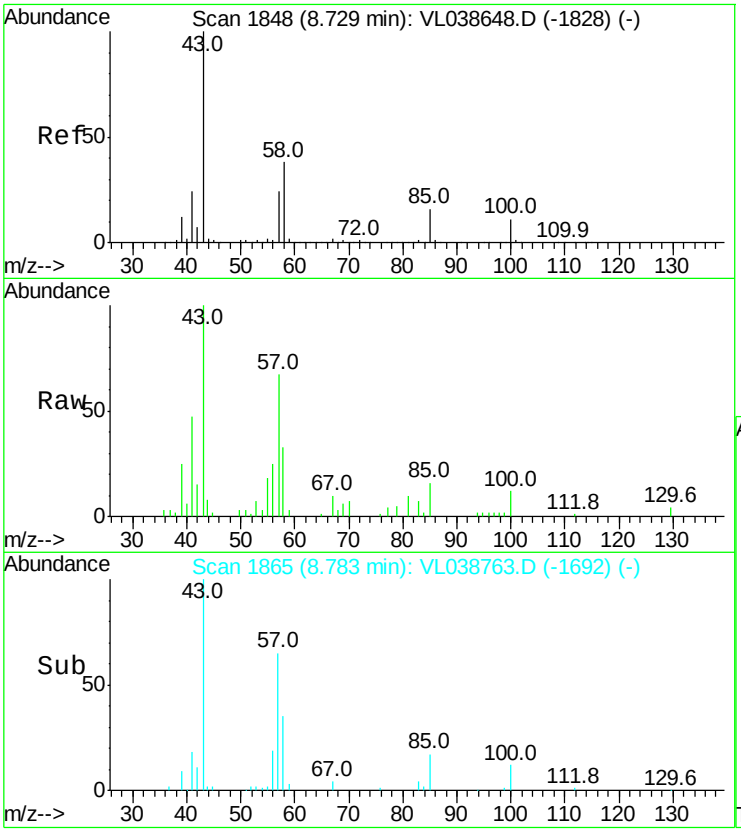




#44
2,2,4-Trimethylpentane
Concen: 0.12 ppbv
RT: 7.90 min Scan# 1589
Delta R.T. 0.04 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion: 57 Resp: 34104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 73.3 | 23.0 | 34.4# |
| 56 | 82.1 | 25.3 | 37.9# |



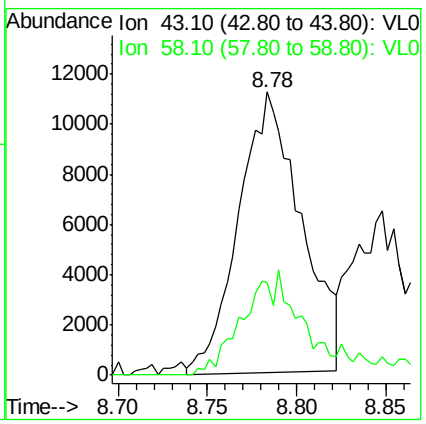


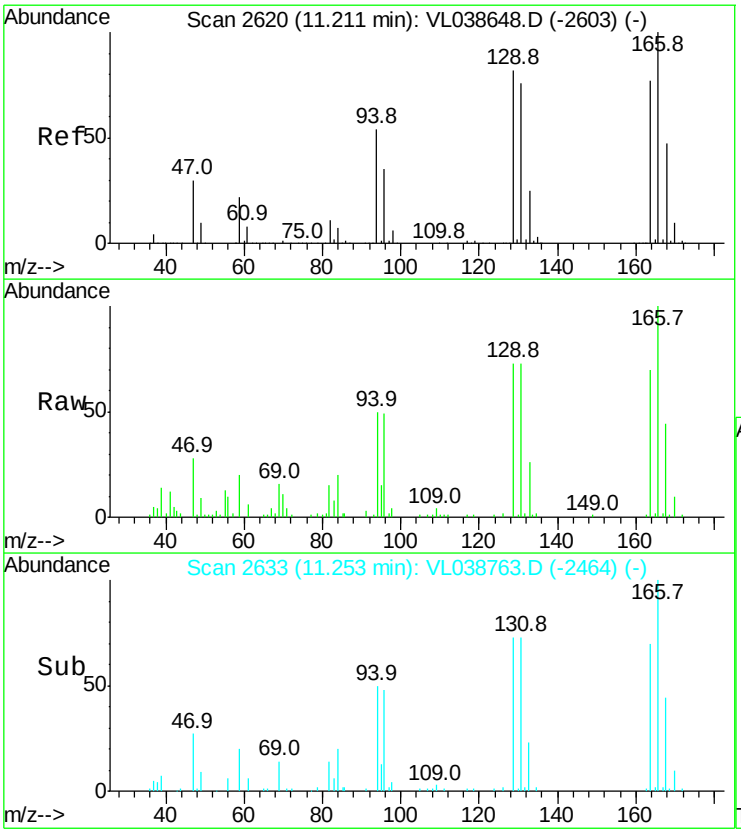

#50
4-Methyl-2-Pentanone
Concen: 0.17 ppbv
RT: 8.78
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion: 43 Resp: 27361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 41.3 | 29.9 | 44.9 |

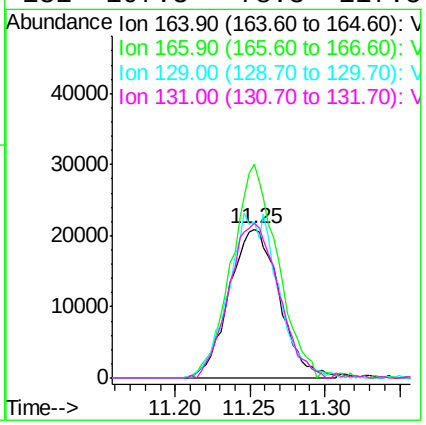


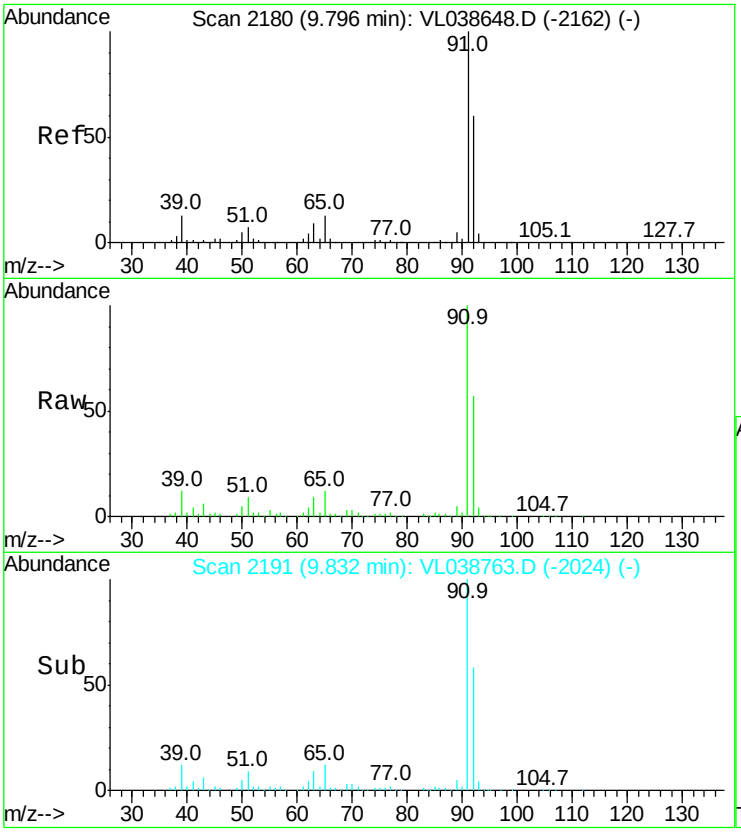




#52
Tetrachloroethene
Concen: 0.77 ppbv
RT: 11.25 min Scan# 2633
Delta R.T. 0.04 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion:164 Resp: 48836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 142.3 | 103.3 | 154.9 |
| 129 | 103.8 | 85.2 | 127.8 |
| 131 | 107.3 | 78.3 | 117.5 |



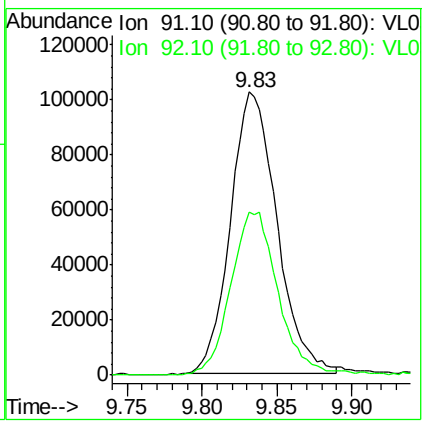


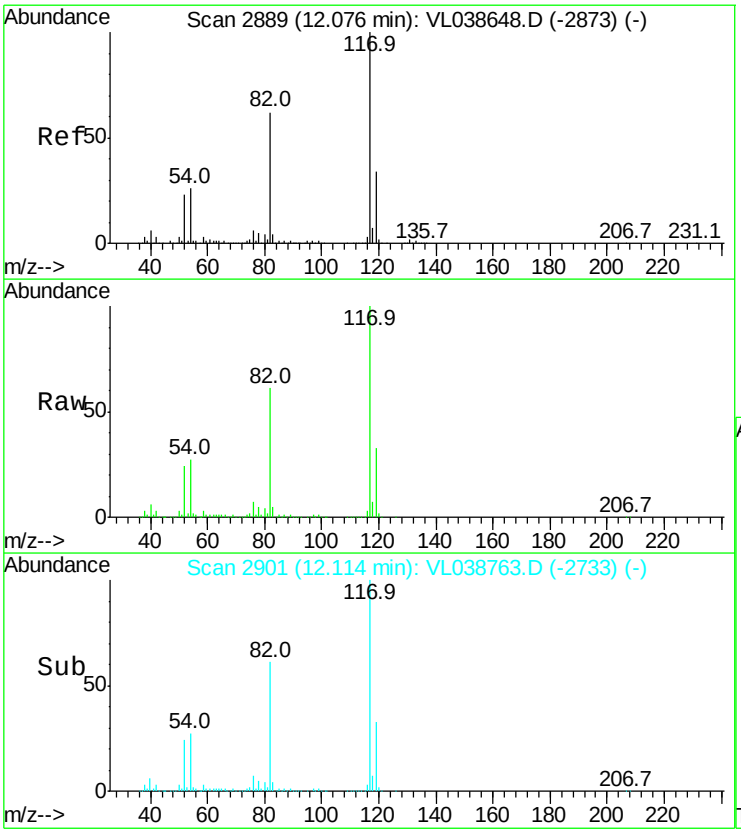

#53
Toluene
Concen: 1.19 ppbv
RT: 9.83
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion: 91 Resp: 220811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 59.9 | 48.7 | 73.1 |

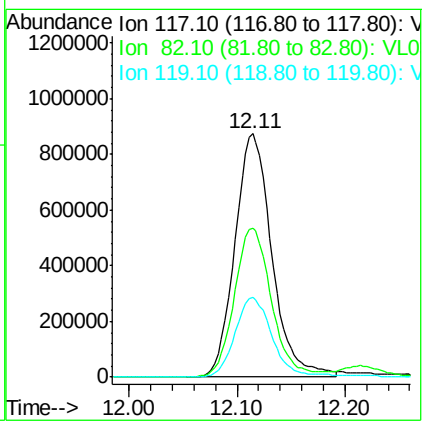


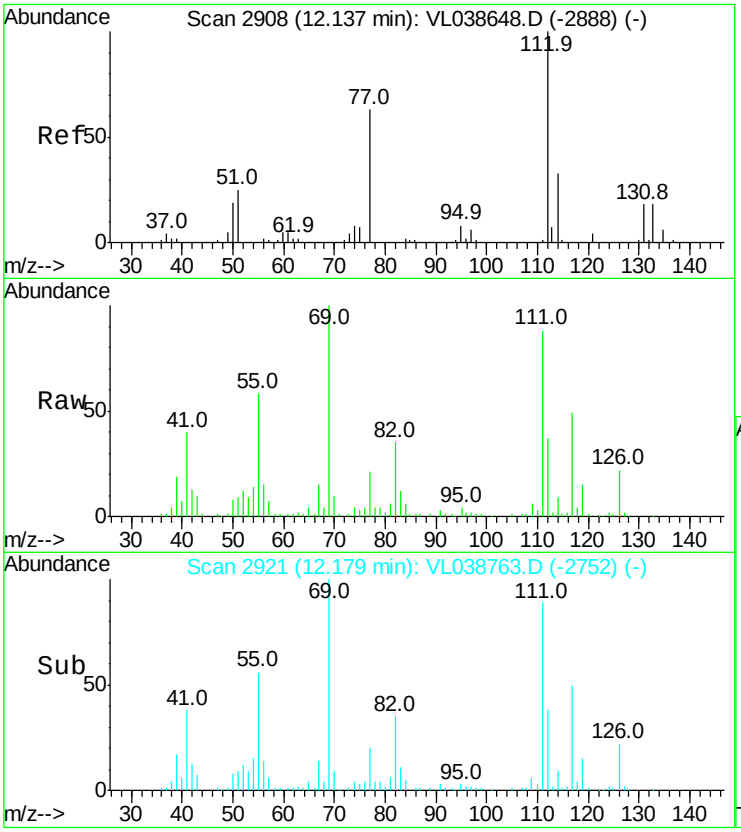




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. 0.04 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion:117 Resp: 2094079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 61.8 | 51.6 | 77.4 |
| 119 | 34.0 | 26.9 | 40.3 |



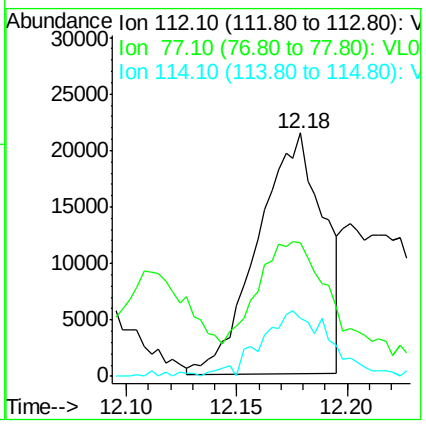


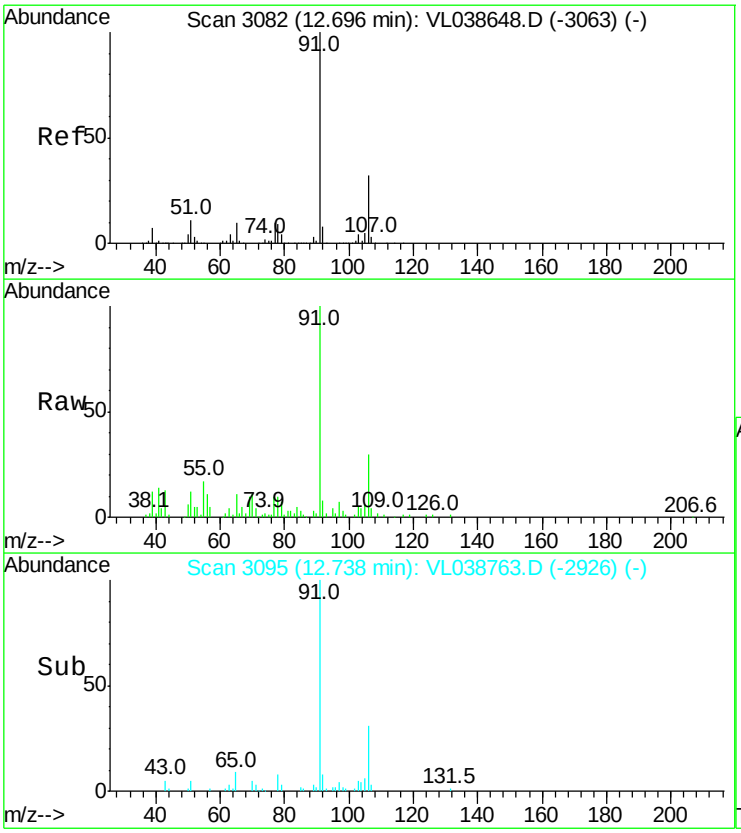

#57
Chlorobenzene
Concen: 0.29 ppbv
RT: 12.18
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion:112 Resp: 43896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 77 | 27.5 | 51.0 | 76.6# |
| 114 | 23.0 | 29.8 | 36.4# |

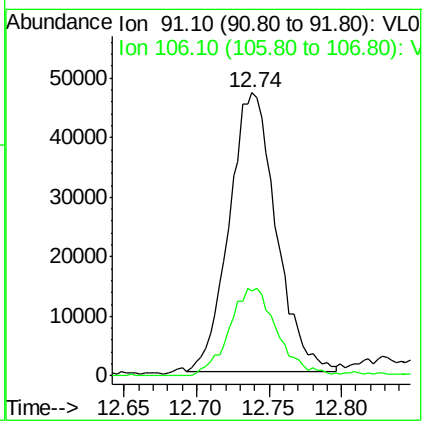


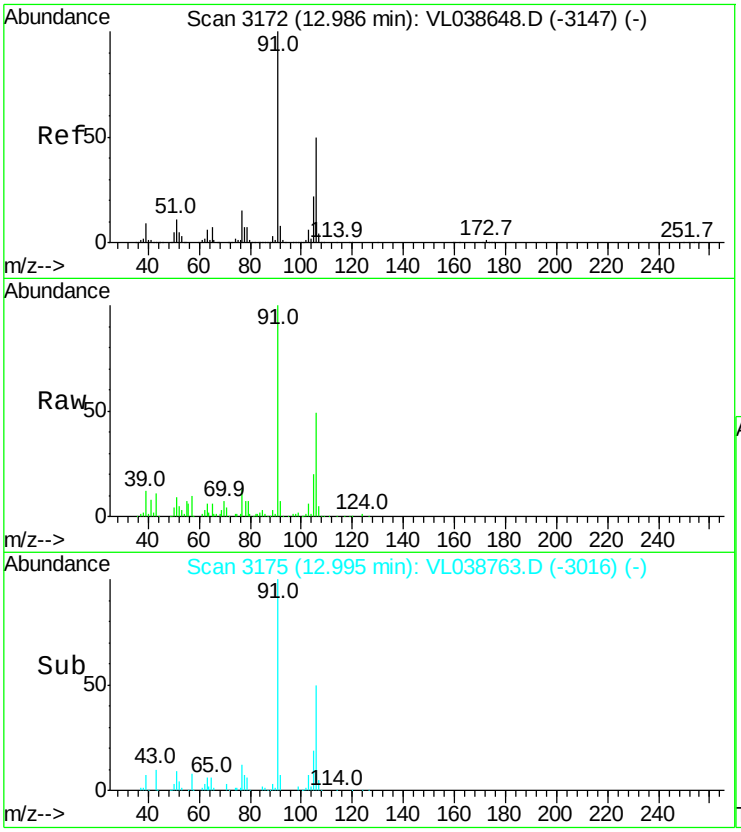




#58
Ethyl Benzene
Concen: 0.43 ppbv
RT: 12.74 min Scan# 3095
Delta R.T. 0.04 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion: 91 Resp: 105241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.4 | 25.4 | 38.0 |



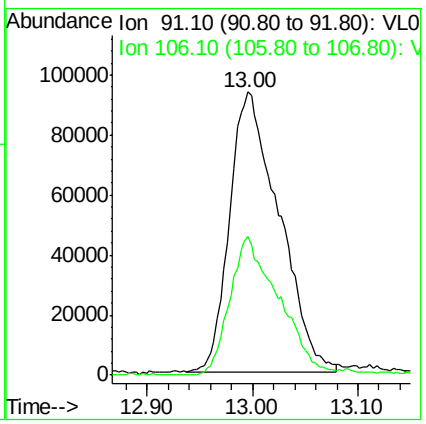


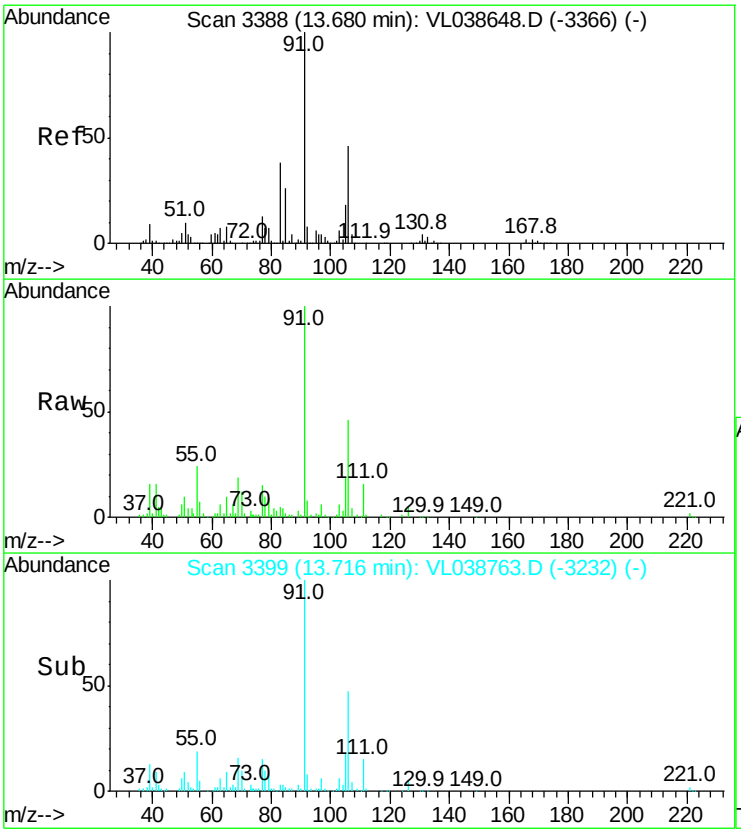

#59
m/p-Xylene
Concen: 1.41 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion: 91 Resp: 302464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 50.5 | 37.2 | 55.8 |

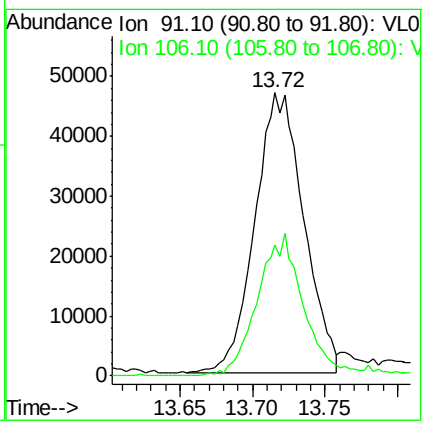


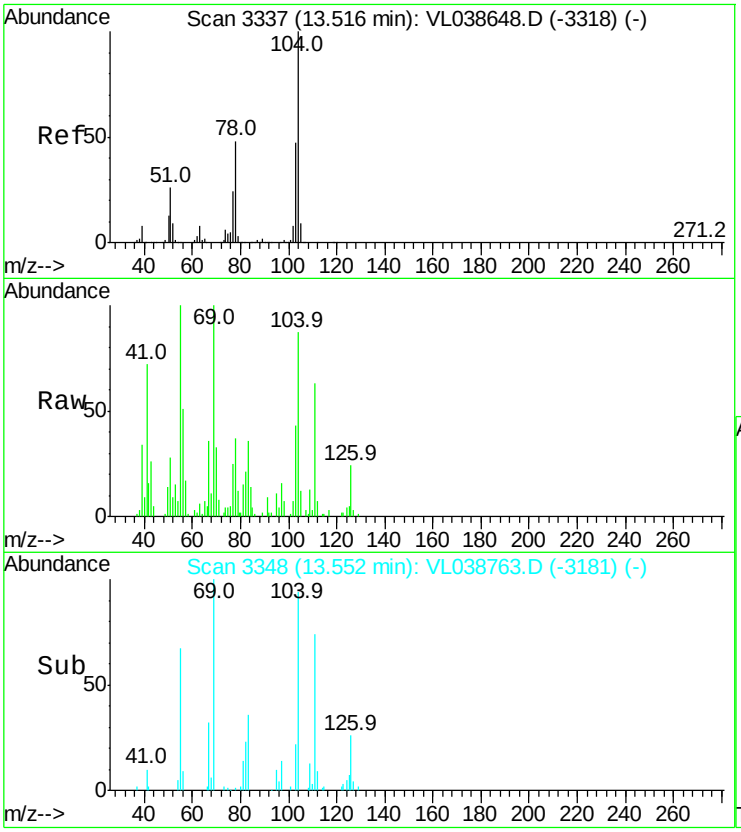




#60
o-Xylene
Concen: 0.54 ppbv
RT: 13.72 min Scan# 3399
Delta R.T. 0.04 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion: 91 Resp: 109876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 49.4 | 23.5 | 70.5 |



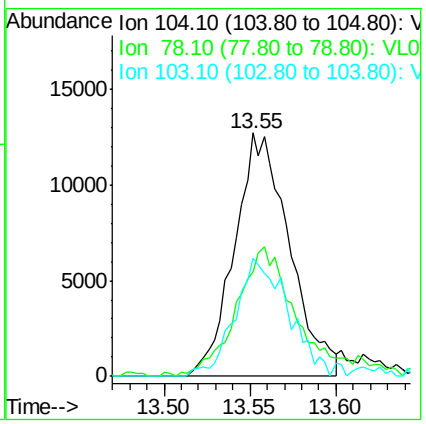


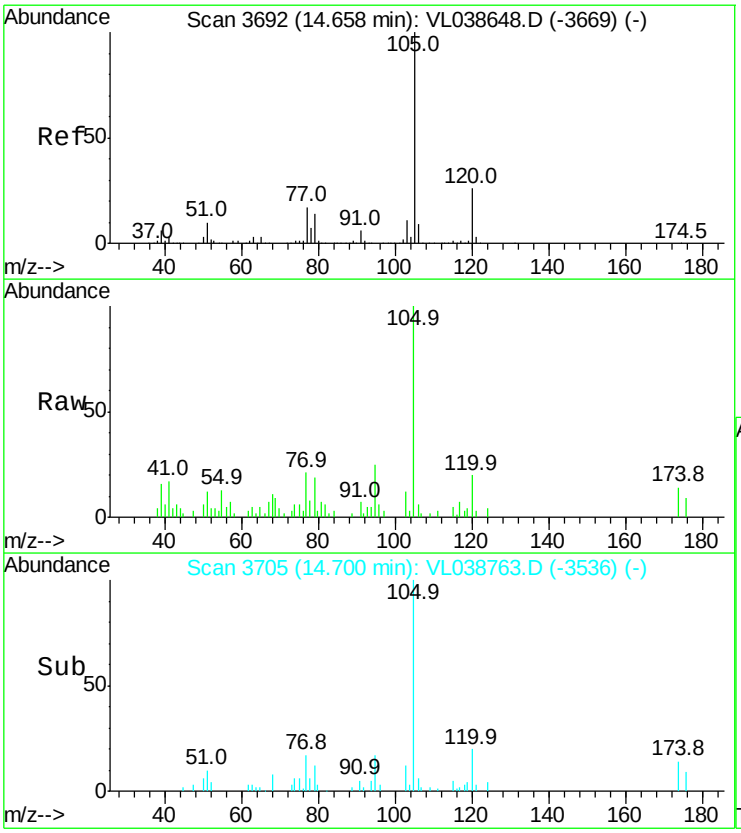

#61
Styrene
Concen: 0.26 ppbv
RT: 13.55
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion:104 Resp: 28237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 62.4 | 39.0 | 58.4# |
| 103 | 46.9 | 37.8 | 56.8 |

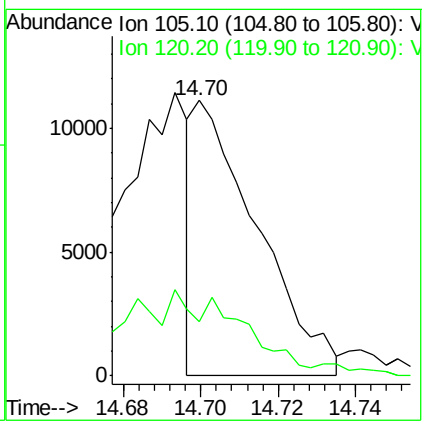


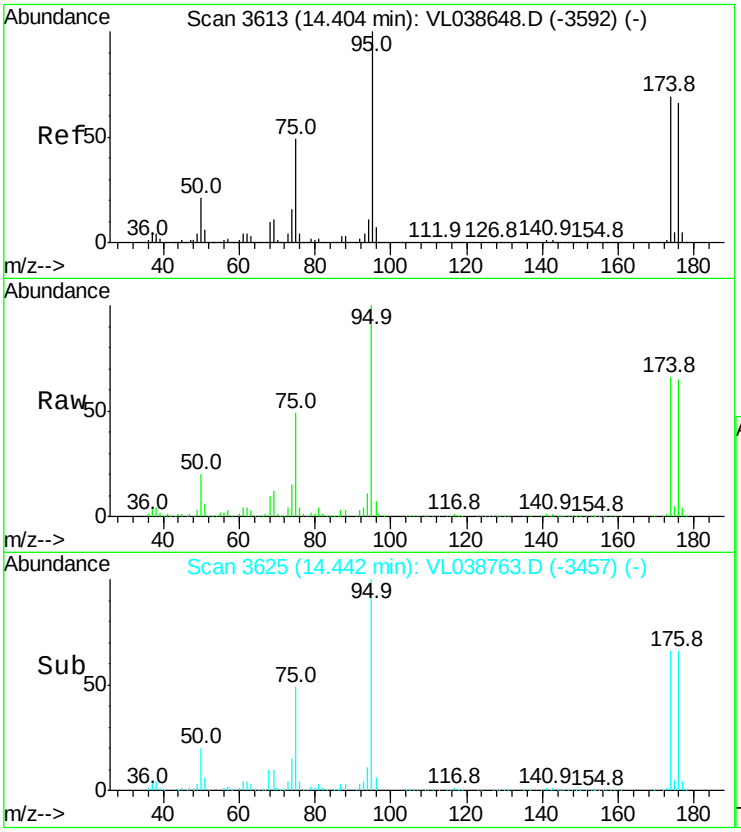




#62
Isopropylbenzene
Concen: 0.04 ppbv
RT: 14.70 min Scan# 3705
Delta R.T. 0.04 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion:105 Resp: 12579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 0.0 | 21.2 | 31.8# |



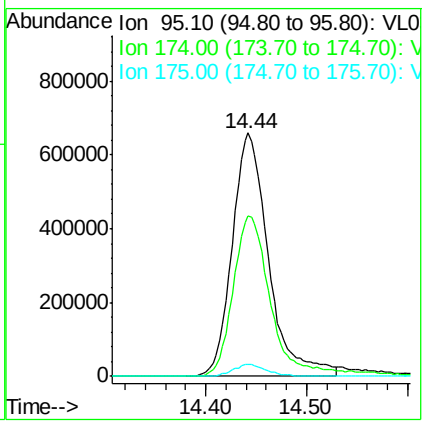


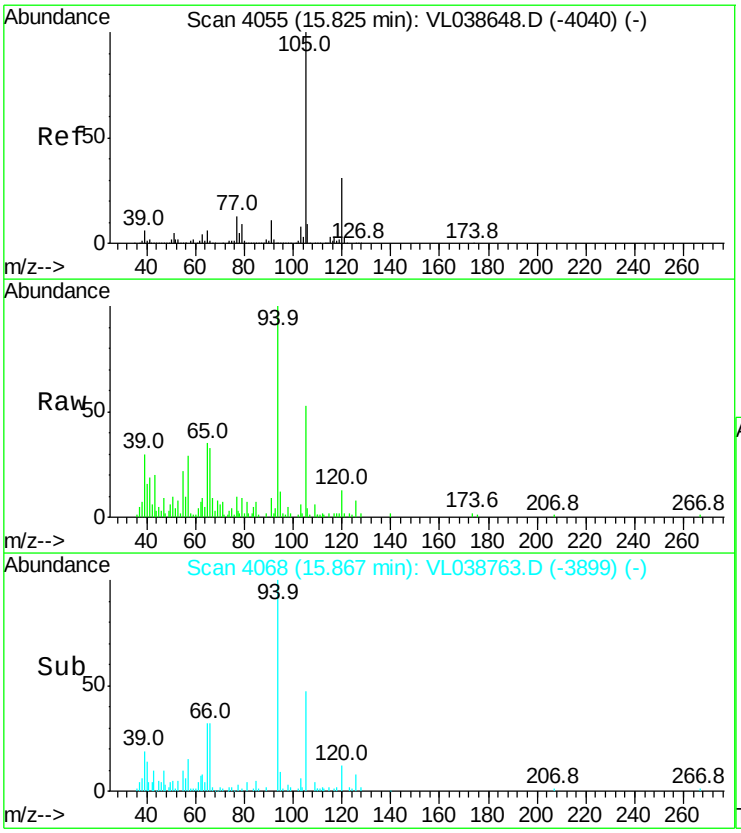

#68
1-Bromo-4-Fluorobenzene
Concen: 10.24 ppbv
RT: 14.44
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion: 95 Resp: 1644763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 70.6 | 56.1 | 84.1 |
| 175 | 5.0 | 4.2 | 6.2 |

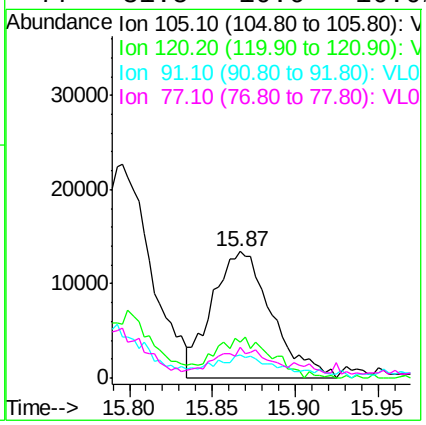


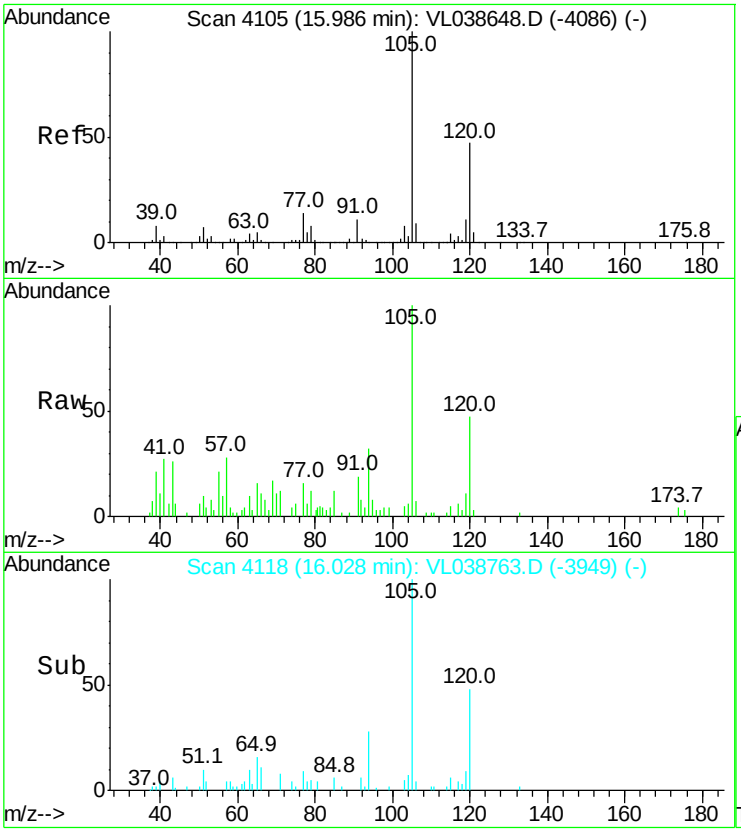




#72
4-Ethyltoluene
Concen: 0.14 ppbv
RT: 15.87 min Scan# 4068
Delta R.T. 0.04 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion:105 Resp: 33494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 31.5 | 24.9 | 37.3 |
| 91 | 23.2 | 9.8 | 14.6# |
| 77 | 31.5 | 10.6 | 16.0# |



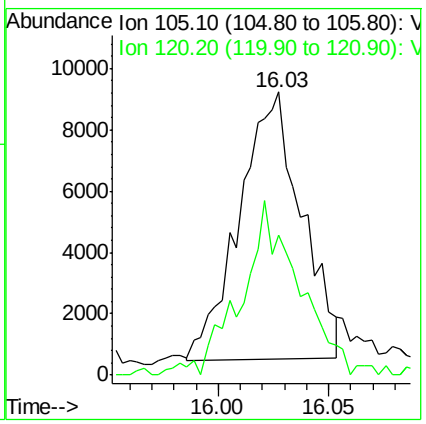


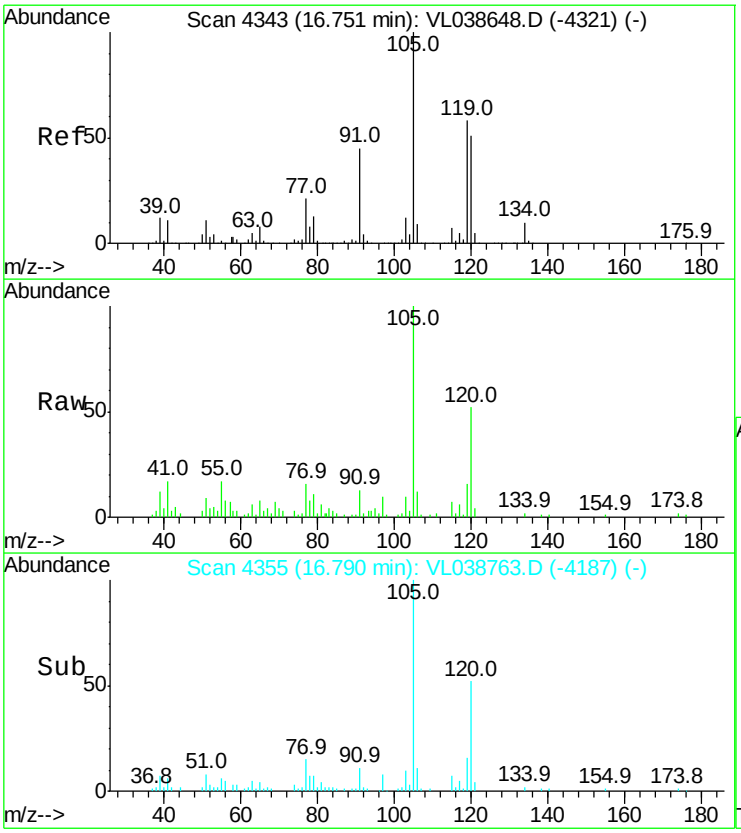

#73
1,3,5-Trimethylbenzene
Concen: 0.08 ppbv
RT: 16.03
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion:105 Resp: 17090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 49.5 | 37.6 | 56.4 |

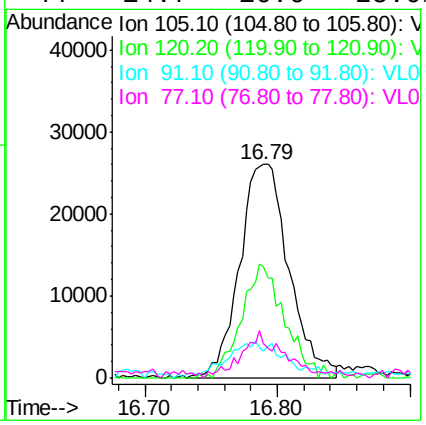


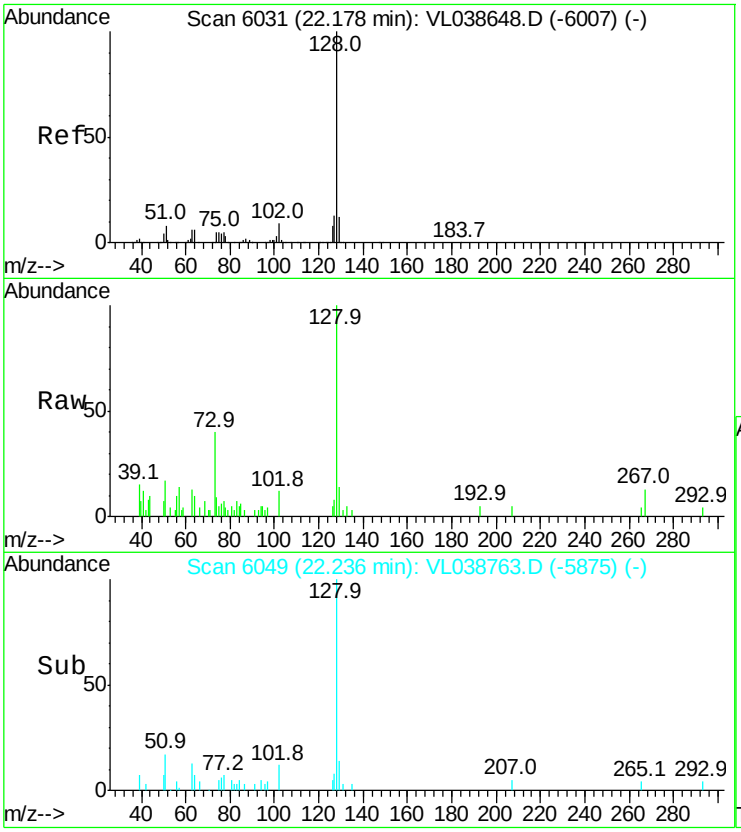




#74
1,2,4-Trimethylbenzene
Concen: 0.28 ppbv
RT: 16.79 min Scan# 4355
Delta R.T. 0.04 min
Lab File: VL038763.D
Acq: 25 Mar 2022 13:02

Tgt Ion:105 Resp: 67407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 56.5 | 40.5 | 60.7 |
| 91 | 11.1 | 35.9 | 53.9# |
| 77 | 14.7 | 16.6 | 25.0# |






#79
Naphthalene
Concen: 0.05 ppbv
RT: 22.24
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:02

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV-01-(SB-14)

Tgt Ion:128 Resp: 8575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 8.2 | 10.2 | 15.4# |
| 129 | 15.0 | 9.2 | 13.8# |