Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020122\
Data File : VL038321.D
Acq On : 1 Feb 2022 14:47
Operator : SY/AP
Sample : N1341-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_L
**ClientSampleId :** SVP-2

Quant Time: Feb 02 05:13:39 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.63 | 49 | 820564 | 10.00 | ppbv | | -0.04 |
| 33) 1,4-Difluorobenzene | 7.14 | 114 | 2389193 | 10.00 | ppbv | | -0.04 |
| 55) Chlorobenzene-d5 | 12.04 | 117 | 1999830 | 10.00 | ppbv | | -0.04 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.37 | 95 | 1639815 | 10.80 | ppbv | | -0.05 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 108.00% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.03 | 85 | 16368 | 0.094 | ppbv | | 91 |
| 3) Chlorodifluoromethane | 2.97 | 51 | 35492 | 0.217 | ppbv | | 93 |
| 4) Chloromethane | 3.12 | 50 | 20956 | 0.373 | ppbv | | 94 |
| 5) Vinyl Chloride | 3.24 | 62 | 4329 | 0.077 | ppbv | | 96 |
| 6) Bromomethane | 3.46 | 94 | 2845 | 0.094 | ppbv | | 85 |
| 7) Chloroethane | 3.54 | 64 | 635 | 0.034 | ppbv | | 91 |
| 8) Dichlorotetrafluoroethane | 3.17 | 85 | 6639 | 0.049 | ppbv | | 99 |
| 9) Propene | 3.19 | 41 | 945334 | 17.777 | ppbv | | 97 |
| 10) Heptane | 8.08 | 43 | 156487 | 1.144 | ppbv | | 98 |
| 11) Trichlorofluoromethane | 3.93 | 101 | 38095 | 0.280 | ppbv | | 99 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.47 | 101 | 7515 | 0.073 | ppbv | # | 15 |
| 13) Ethanol | 3.58 | 45 | 175074 | 30.668 | ppbv | | 98 |
| 15) Acetone | 3.83 | 43 | 871906 | 12.054 | ppbv | # | 77 |
| 16) 1,3-Butadiene | 3.29 | 39 | 218501 | 4.209 | ppbv | # | 63 |
| 17) tert-Butyl alcohol | 4.27 | 59 | 126066 | 1.588 | ppbv | # | 1 |
| 19) Isopropyl Alcohol | 3.95 | 45 | 19732 | 0.436 | ppbv | # | 91 |
| 20) Methylene Chloride | 4.32 | 84 | 38777 | 0.922 | ppbv | | 99 |
| 21) Allyl Chloride | 4.38 | 41 | 6216 | 0.097 | ppbv | # | 1 |
| 22) trans-1,2-Dichloroethene | 4.85 | 96 | 2632 | 0.057 | ppbv | # | 62 |
| 23) Vinyl Acetate | 5.03 | 43 | 89569 | 0.852 | ppbv | # | 1 |
| 24) 1,1-Dichloroethane | 4.98 | 63 | 5119 | 0.055 | ppbv | # | 69 |
| 25) Ethyl Acetate | 5.65 | 43 | 405225 | 2.001 | ppbv | # | 80 |
| 26) Hexane | 5.65 | 57 | 524957 | 5.573 | ppbv | # | 43 |
| 27) Carbon Disulfide | 4.52 | 76 | 87634 | 0.795 | ppbv | # | 90 |
| 28) Methyl tert-Butyl Ether | 5.00 | 73 | 5704 | 0.058 | ppbv | # | 53 |
| 30) Cyclohexane | 7.09 | 84 | 90545 | 1.104 | ppbv | # | 65 |
| 31) cis-1,2-Dichloroethene | 5.51 | 61 | 2630 | 0.032 | ppbv | | 92 |
| 32) 1,1,1-Trichloroethane | 6.47 | 97 | 16001 | 0.104 | ppbv | # | 89 |
| 34) 2-Butanone | 5.21 | 43 | 138681 | 1.775 | ppbv | | 97 |
| 35) Carbon Tetrachloride | 6.98 | 117 | 8427 | 0.050 | ppbv | # | 70 |
| 36) Benzene | 6.85 | 78 | 226501 | 1.072 | ppbv | | 98 |
| 37) 1,2-Dichloroethane | 6.27 | 62 | 6407 | 0.053 | ppbv | # | 83 |
| 38) Trichloroethene | 7.79 | 130 | 5393 | 0.069 | ppbv | # | 84 |
| 39) 1,2-Dichloropropane | 7.14 | 63 | 623265 | 7.274 | ppbv | # | 26 |
| 41) Tetrahydrofuran | 6.03 | 42 | 6427 | 0.122 | ppbv | # | 74 |
| 42) Bromodichloromethane | 7.75 | 83 | 11640 | 0.065 | ppbv | # | 79 |
| 44) 2,2,4-Trimethylpentane | 7.83 | 57 | 84108 | 0.226 | ppbv | # | 1 |
| 47) 1,1,2-Trichloroethane | 9.43 | 97 | 3284 | 0.039 | ppbv | # | 54 |
| 50) 4-Methyl-2-Pentanone | 8.71 | 43 | 15144 | 0.109 | ppbv | # | 39 |
| 51) 2-Hexanone | 10.07 | 43 | 51887 | 0.845 | ppbv | # | 62 |
| 52) Tetrachloroethene | 11.18 | 164 | 6627 | 0.091 | ppbv | | 94 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020122\
Data File : VL038321.D
Acq On : 1 Feb 2022 14:47
Operator : SY/AP
Sample : N1341-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Quant Time: Feb 02 05:13:39 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 53) Toluene | 9.76 | 91 | 426620 | 1.824 | ppbv | | 97 |
| 57) Chlorobenzene | 12.10 | 112 | 12601 | 0.079 | ppbv | # | 49 |
| 58) Ethyl Benzene | 12.67 | 91 | 87182 | 0.297 | ppbv | | 93 |
| 59) m/p-Xylene | 12.95 | 91 | 62917 | 0.251 | ppbv | # | 32 |
| 60) o-Xylene | 13.64 | 91 | 41498 | 0.178 | ppbv | # | 32 |
| 61) Styrene | 13.48 | 104 | 18946 | 0.174 | ppbv | # | 81 |
| 62) Isopropylbenzene | 14.61 | 105 | 10664 | 0.034 | ppbv | # | 49 |
| 63) 1,1,2,2-Tetrachloroethane | 13.64 | 83 | 25832 | 0.150 | ppbv | # | 60 |
| 64) n-propylbenzene | 15.51 | 120 | 4040 | 0.054 | ppbv | # | 1 |
| 65) tert-Butylbenzene | 16.71 | 119 | 9451 | 0.037 | ppbv | # | 24 |
| 66) Benzyl Chloride | 17.16 | 91 | 1687 | 0.145 | ppbv | # | 1 |
| 69) p-Isopropyltoluene | 17.61 | 119 | 517768 | 1.899 | ppbv | | 98 |
| 70) n-Butylbenzene | 18.52 | 91 | 18926 | 0.071 | ppbv | # | 1 |
| 71) 2-Chlorotoluene | 15.72 | 91 | 13547 | 0.059 | ppbv | | 98 |
| 72) 4-Ethyltoluene | 15.78 | 105 | 13631 | 0.056 | ppbv | # | 35 |
| 73) 1,3,5-Trimethylbenzene | 15.94 | 105 | 16495 | 0.075 | ppbv | | 87 |
| 74) 1,2,4-Trimethylbenzene | 16.72 | 105 | 61755 | 0.267 | ppbv | # | 68 |
| 76) 1,4-Dichlorobenzene | 17.09 | 146 | 5737 | 0.048 | ppbv | # | 1 |
| 78) Hexachloro-1,3-Butadiene | 23.33 | 225 | 7600 | 0.095 | ppbv | | 85 |
| 79) Naphthalene | 22.13 | 128 | 10241 | 0.095 | ppbv | # | 85 |
| 80) Naphthalene,2-methyl- | 24.93 | 142 | 4808 | 0.409 | ppbv | | 91 |

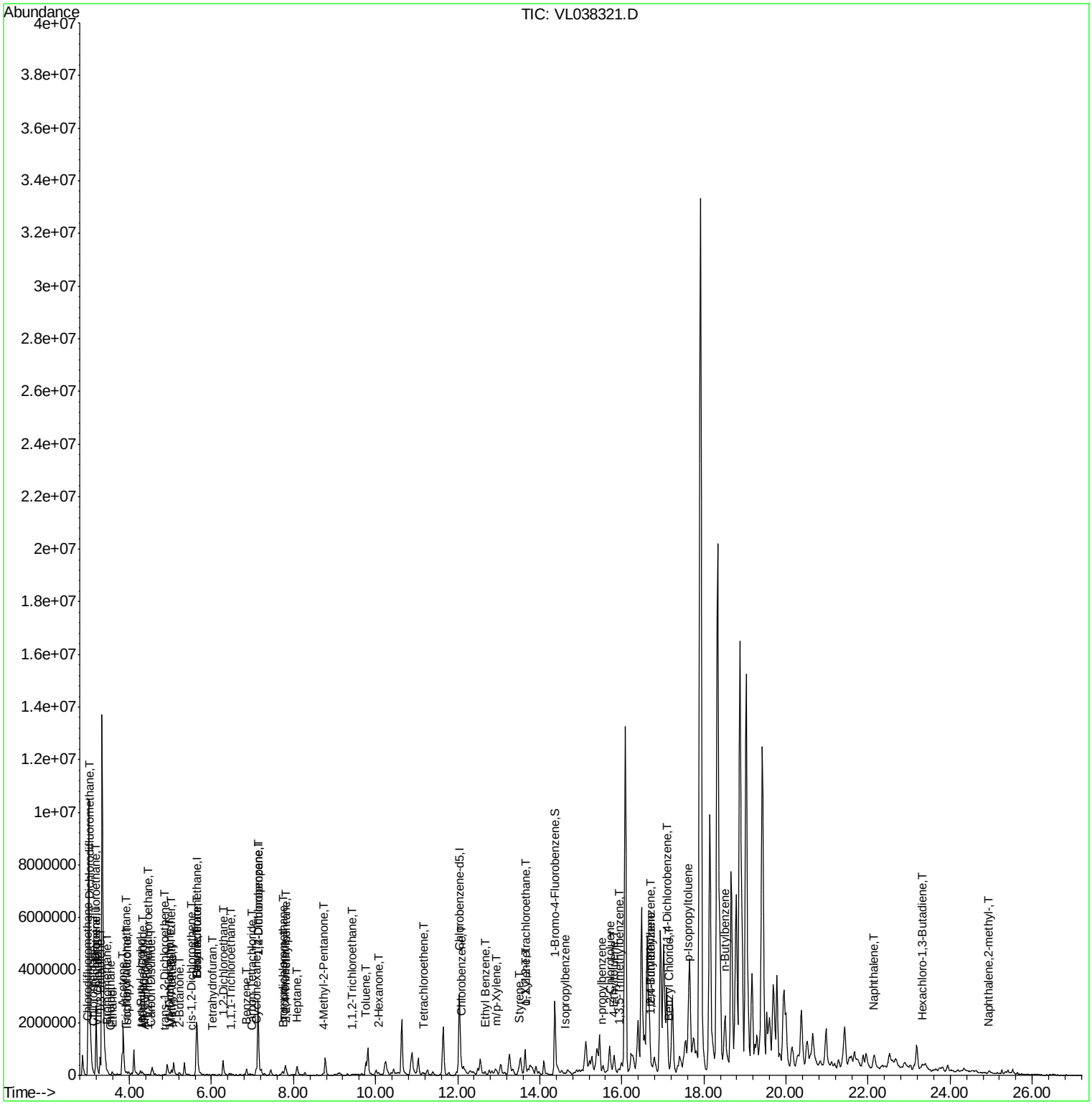
(#) = qualifier out of range (m) = manual integration (+) = signals summed

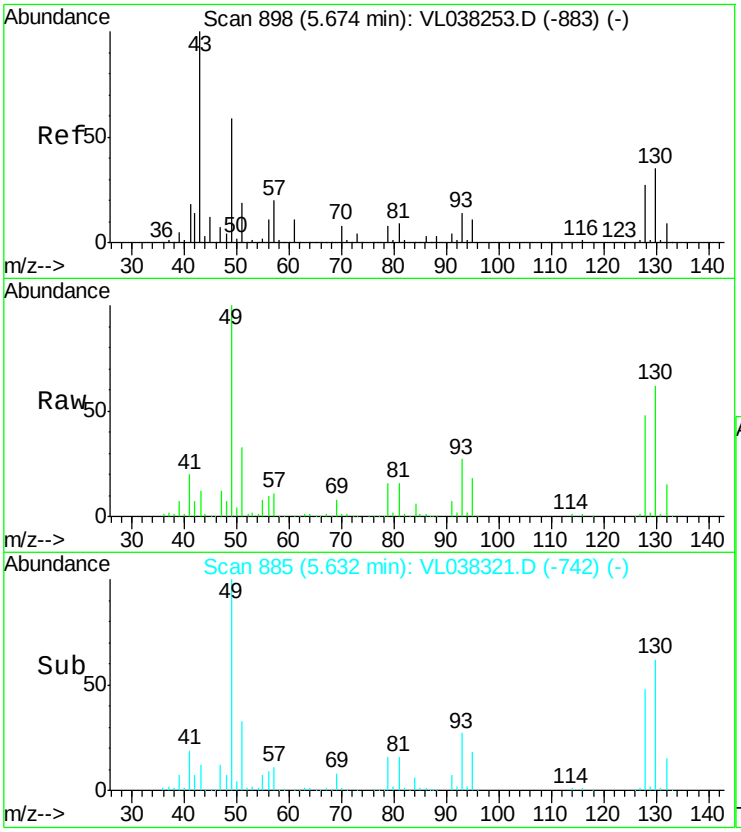
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020122\
Data File : VL038321.D
Acq On : 1 Feb 2022 14:47
Operator : SY/AP
Sample : N1341-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Quant Time: Feb 02 05:13:39 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration



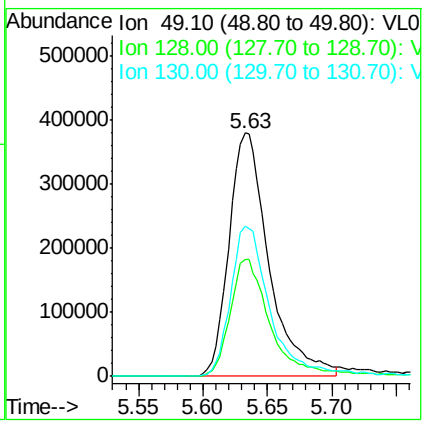


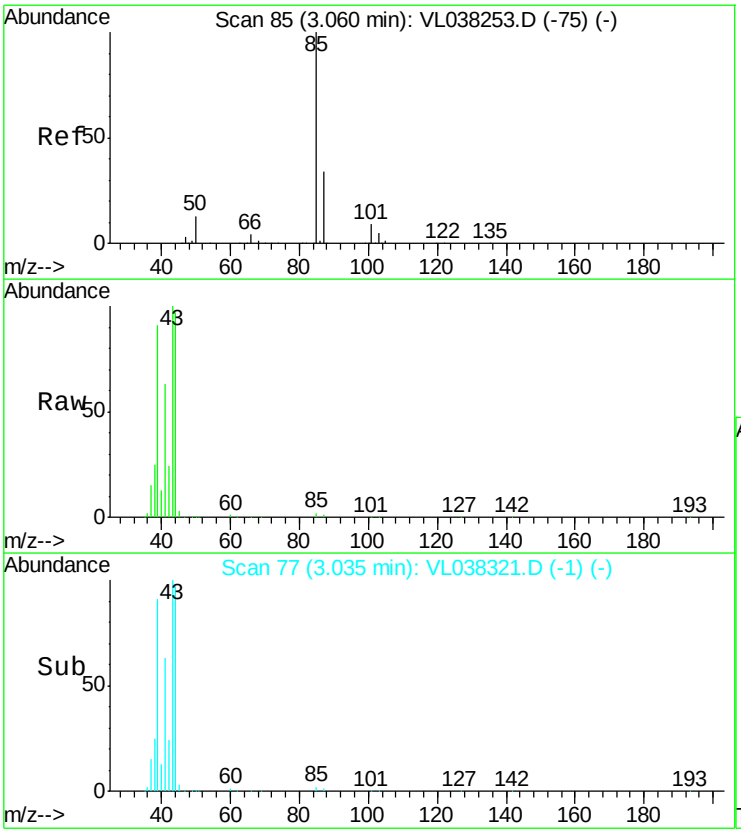

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.63
Delta R.T
Lab File:
Acq: 1 Feb 2022 14:47

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Tgt Ion: 49 Resp: 820564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 49.3 | 24.5 | 73.5 |
| 130 | 62.1 | 30.1 | 90.5 |

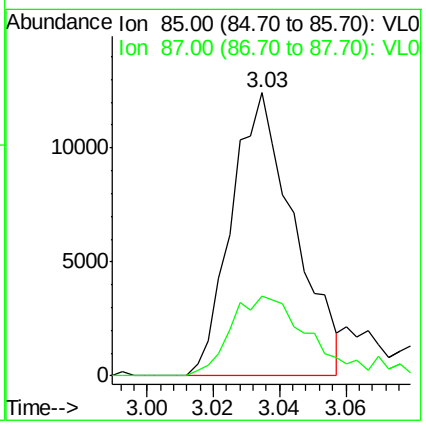


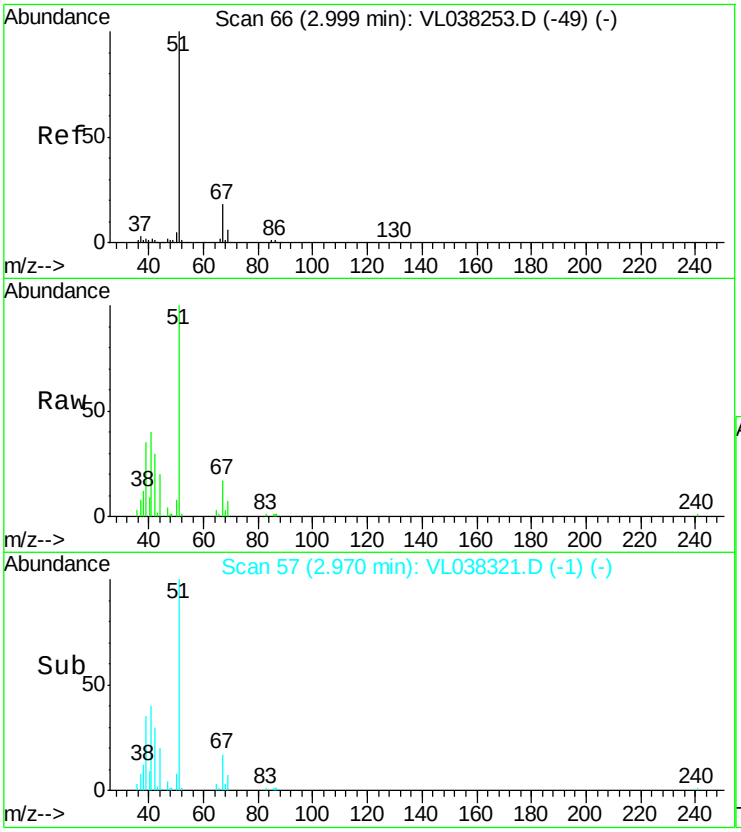




#2
Dichlorodifluoromethane
Concen: 0.094 ppbv
RT: 3.03 min Scan# 77
Delta R.T. -0.03 min
Lab File: VL038321.D
Acq: 1 Feb 2022 14:47

Tgt Ion: 85 Resp: 16368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 28.4 | 27.0 | 40.6 |



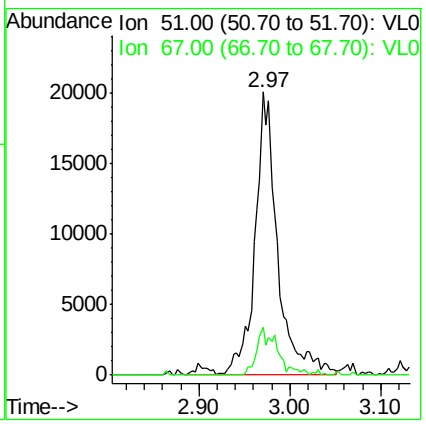


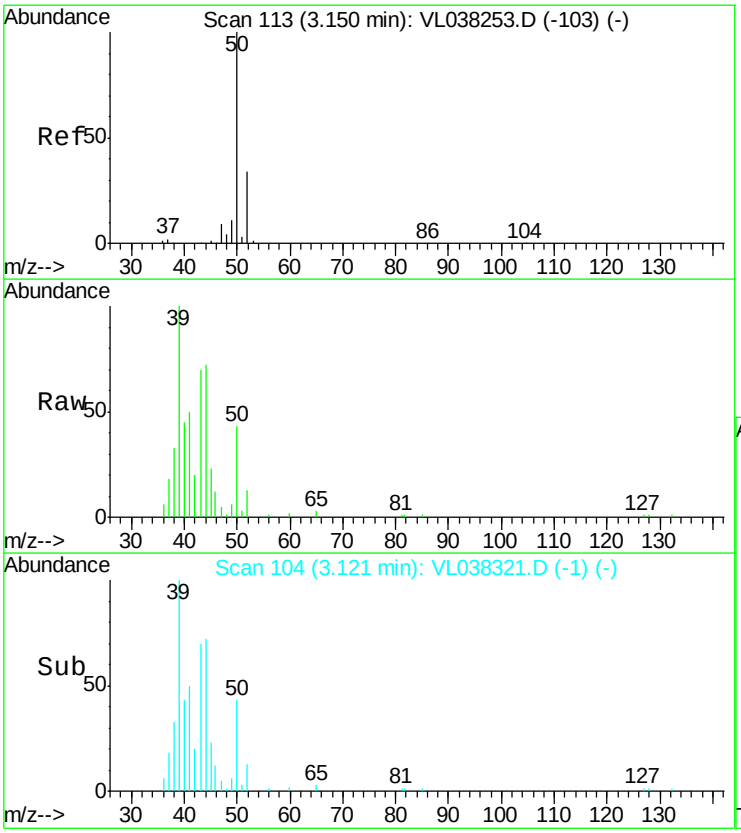

#3
Chlorodifluoromethane
Concen: 0.217 ppbv
RT: 2.97
Delta R.T
Lab File:
Acq: 1 Feb 2022 14:47

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Tgt Ion: 51 Resp: 35492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 14.9 | 14.4 | 21.6 |

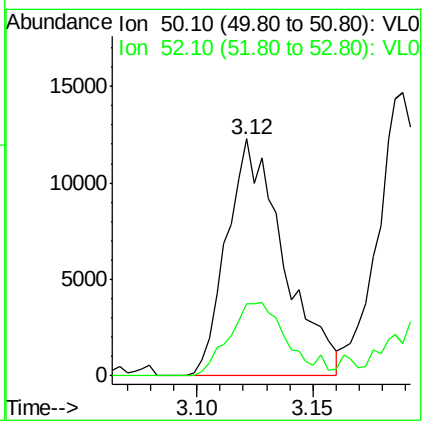


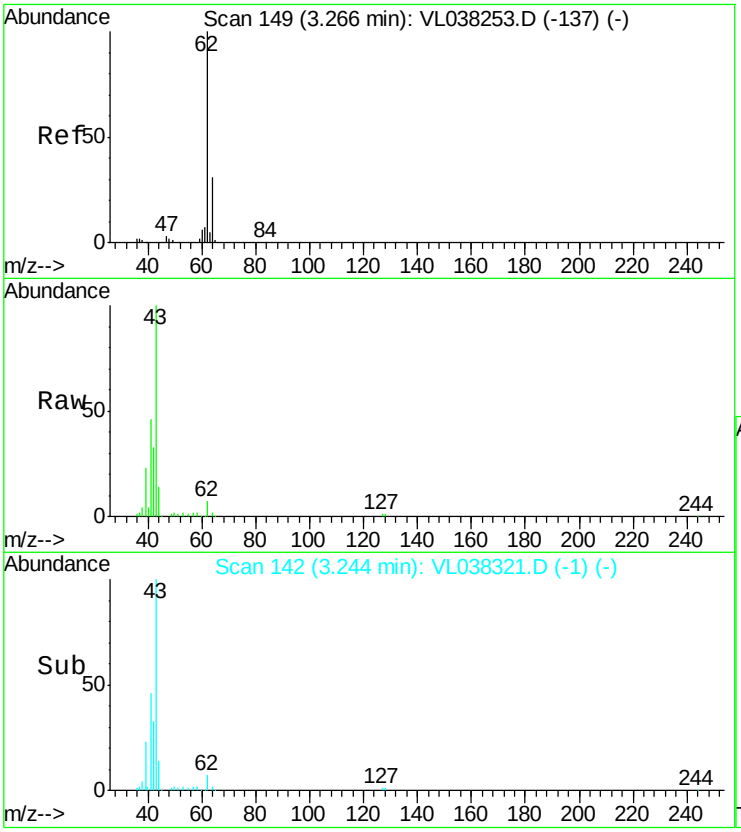




#4
Chloromethane
Concen: 0.373 ppbv
RT: 3.12 min Scan# 104
Delta R.T. -0.03 min
Lab File: VL038321.D
Acq: 1 Feb 2022 14:47

Tgt Ion: 50 Resp: 20956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 30.3 | 27.1 | 40.7 |



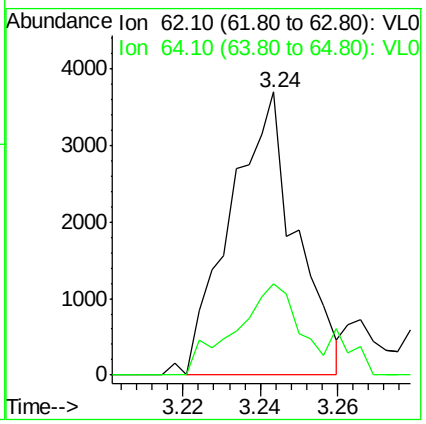


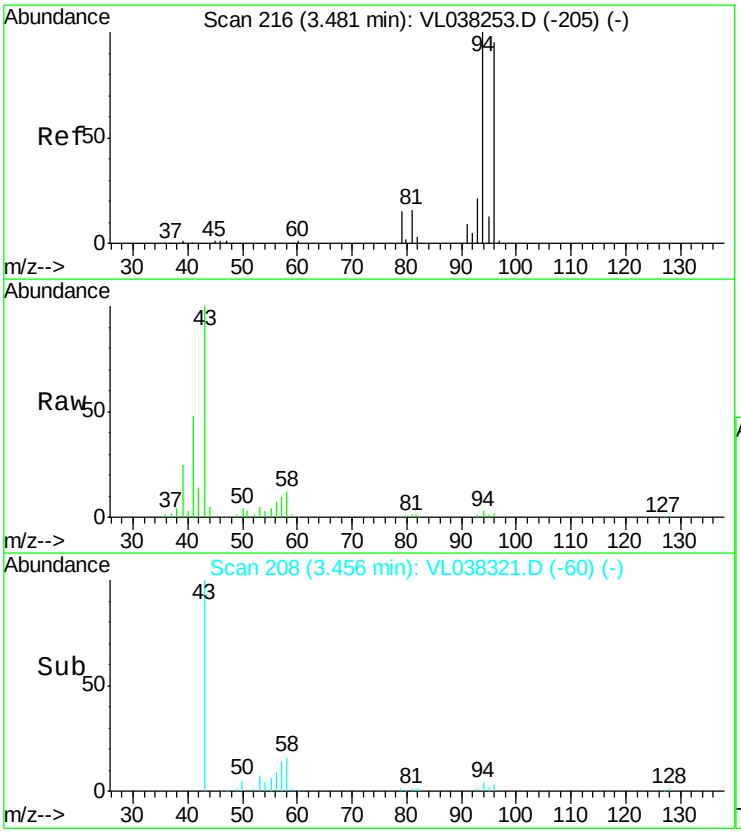

#5
Vinyl Chloride
Concen: 0.077 ppbv
RT: 3.24
Delta R.T
Lab File:
Acq: 1 Feb 2022 14:47

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Tgt Ion: 62 Resp: 4329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.4 | 24.4 | 36.6 |

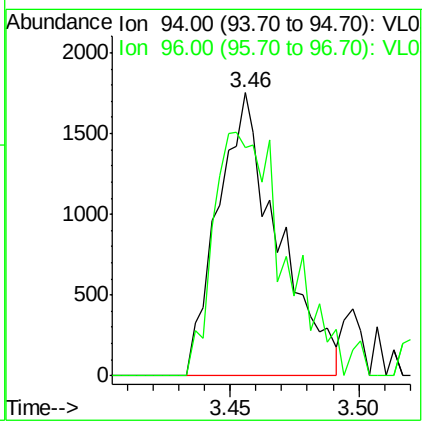


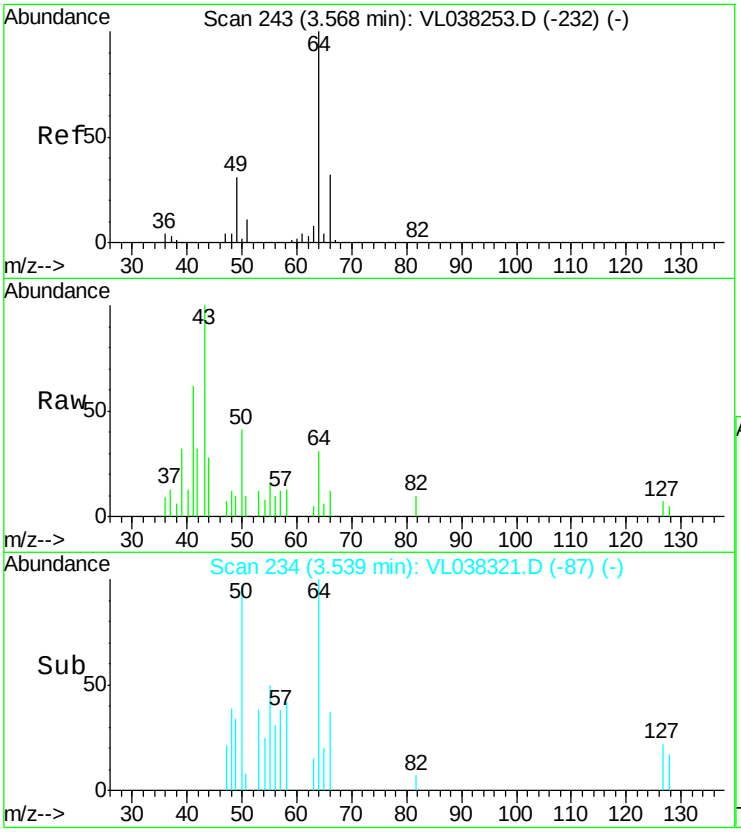




#6
Bromomethane
Concen: 0.094 ppbv
RT: 3.46 min Scan# 208
Delta R.T. -0.03 min
Lab File: VL038321.D
Acq: 1 Feb 2022 14:47

Tgt Ion: 94 Resp: 2845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 80.6 | 76.0 | 114.0 |



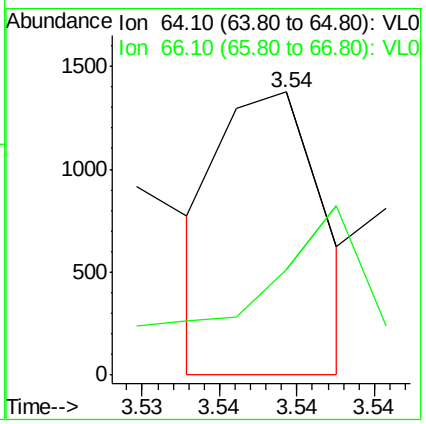


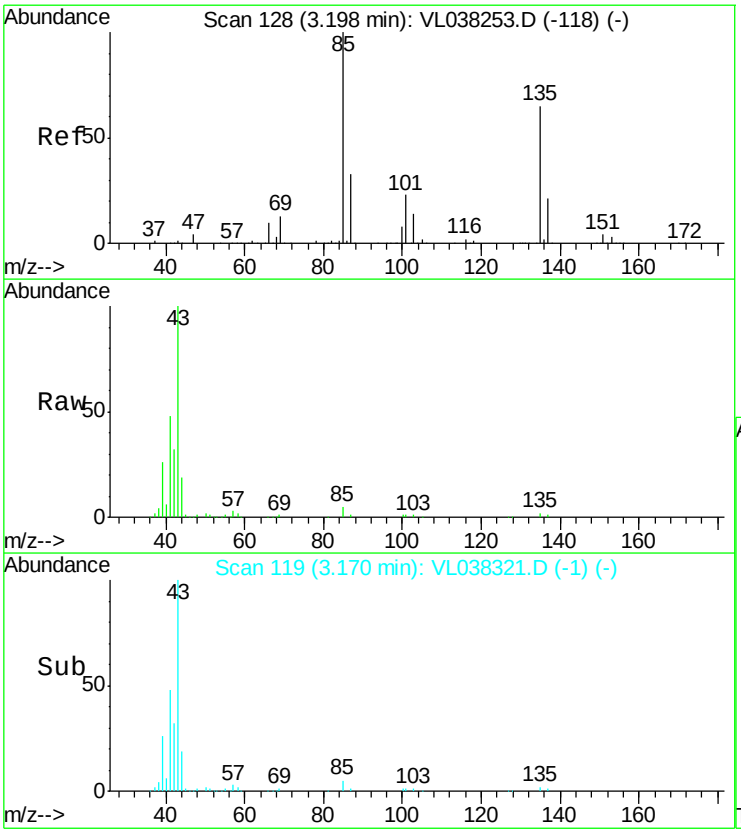

#7
Chloroethane
Concen: 0.034 ppbv
RT: 3.54
Delta R.T
Lab File:
Acq: 1 Feb 2022 14:47

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Tgt Ion: 64 Resp: 635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 37.3 | 25.8 | 38.6 |

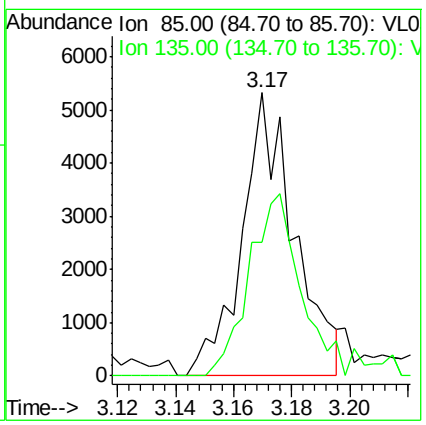


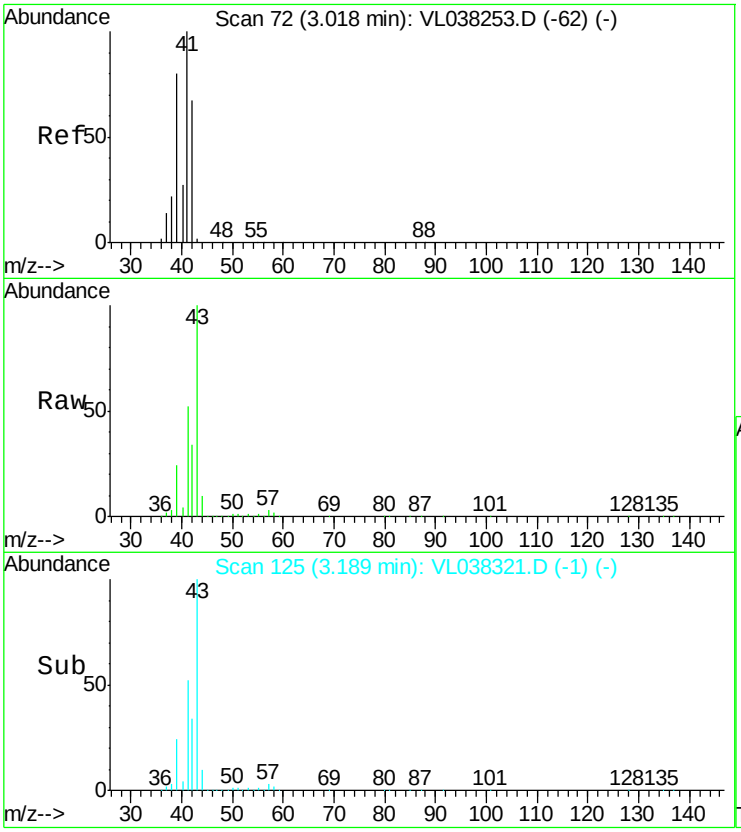




#8
Dichlorotetrafluoroethane
Concen: 0.049 ppbv
RT: 3.17 min Scan# 119
Delta R.T. -0.03 min
Lab File: VL038321.D
Acq: 1 Feb 2022 14:47

Tgt Ion: 85 Resp: 6639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 135 | 67.7 | 53.7 | 80.5 |



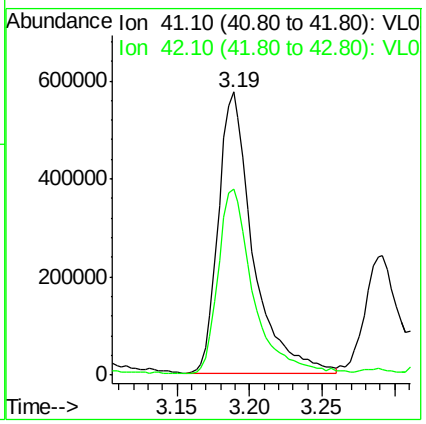


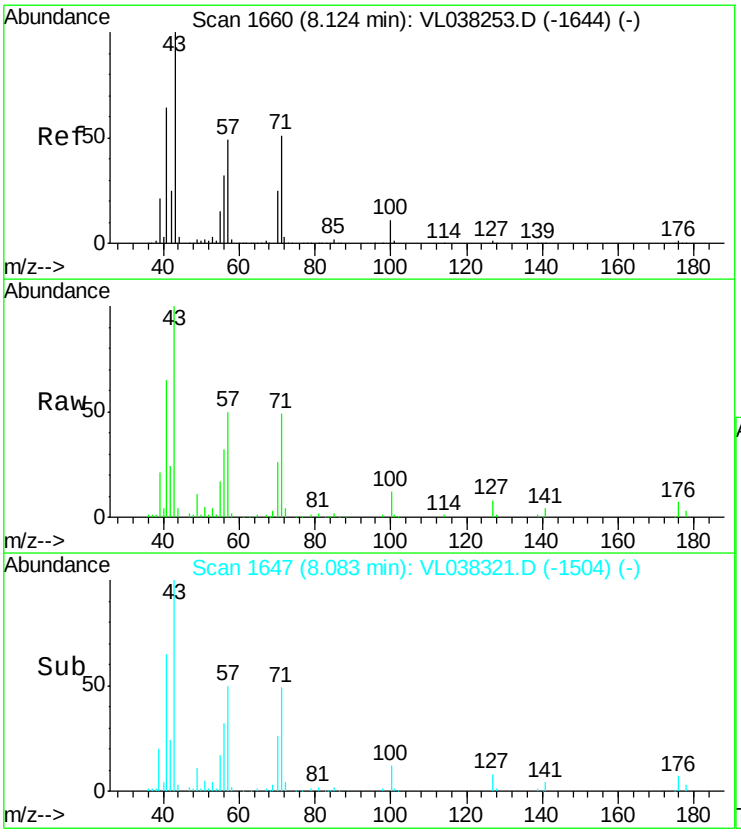

#9
Propene
Concen: 17.777 ppbv
RT: 3.19
Delta R.T
Lab File:
Acq: 1 Feb 2022 14:47

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Tgt Ion: 41 Resp: 945334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 66.4 | 54.9 | 82.3 |

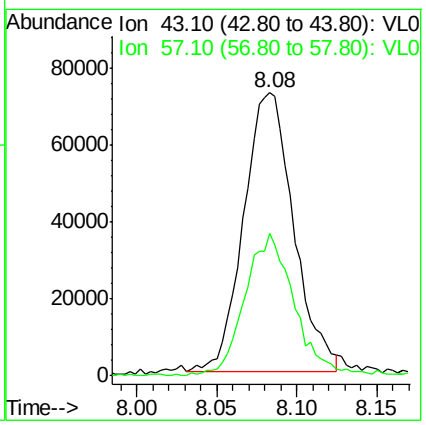


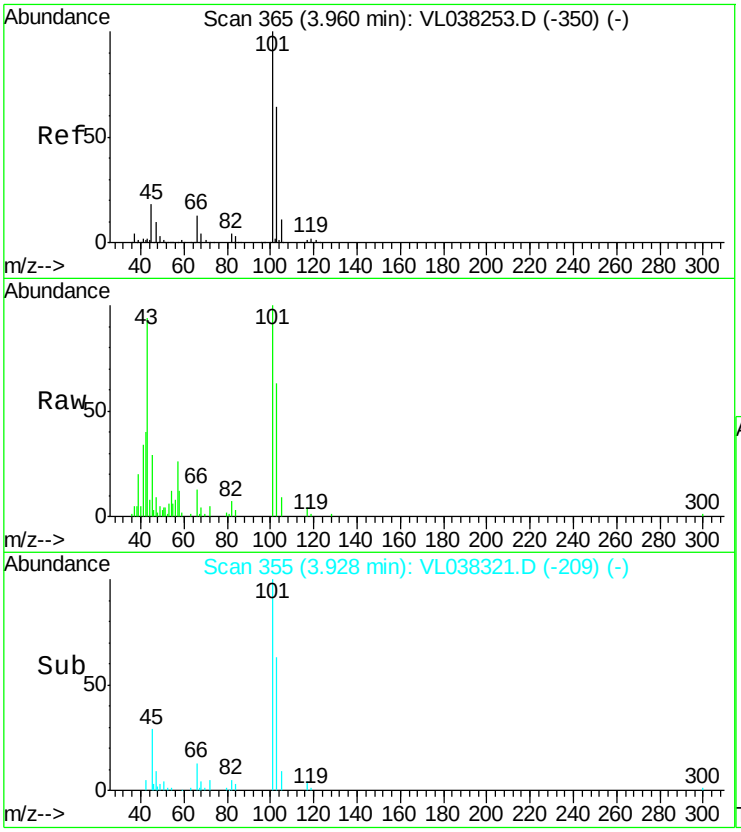




#10
Heptane
Concen: 1.144 ppbv
RT: 8.08 min Scan# 1647
Delta R.T. -0.04 min
Lab File: VL038321.D
Acq: 1 Feb 2022 14:47

Tgt Ion: 43 Resp: 156487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 51.0 | 39.5 | 59.3 |



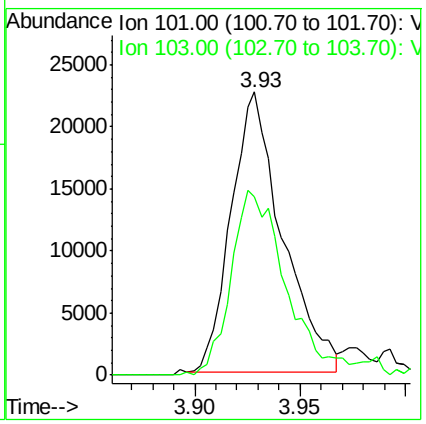


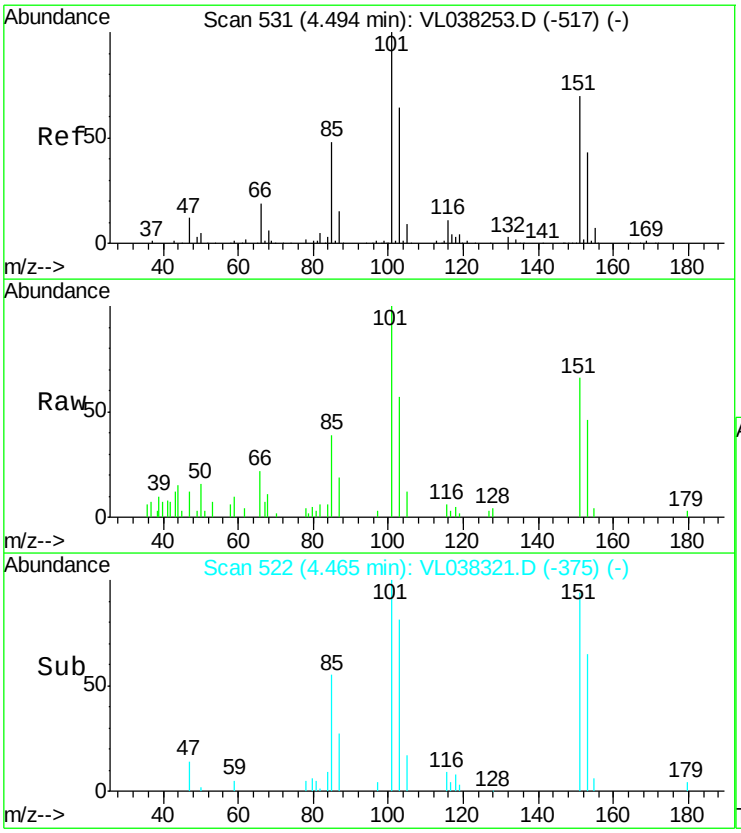

#11
Trichlorofluoromethane
Concen: 0.280 ppbv
RT: 3.93
Delta R.T
Lab File:
Acq: 1 Feb 2022 14:47

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Tgt Ion:101 Resp: 38095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.9 | 51.2 | 76.8 |

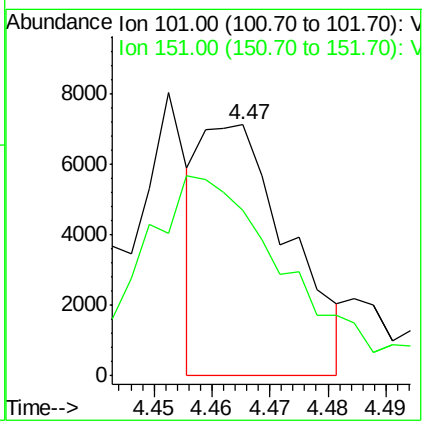


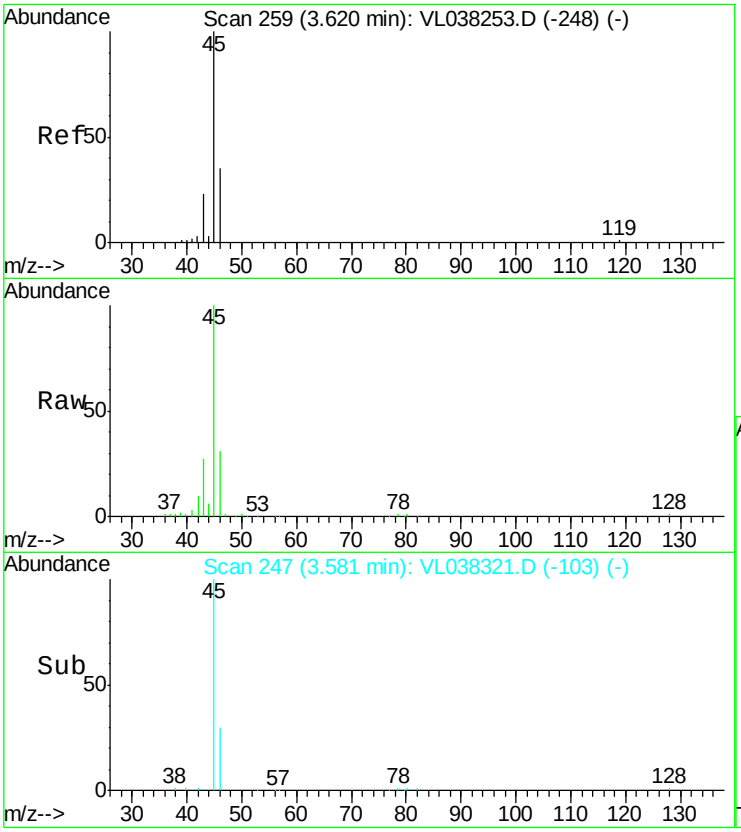




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.073 ppbv
RT: 4.47 min Scan# 522
Delta R.T. -0.03 min
Lab File: VL038321.D
Acq: 1 Feb 2022 14:47

Tgt Ion:101 Resp: 7515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 0.0 | 55.3 | 82.9# |



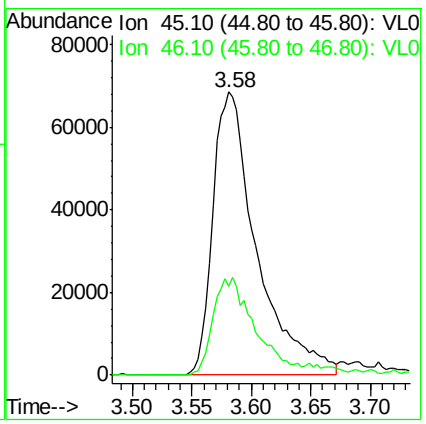


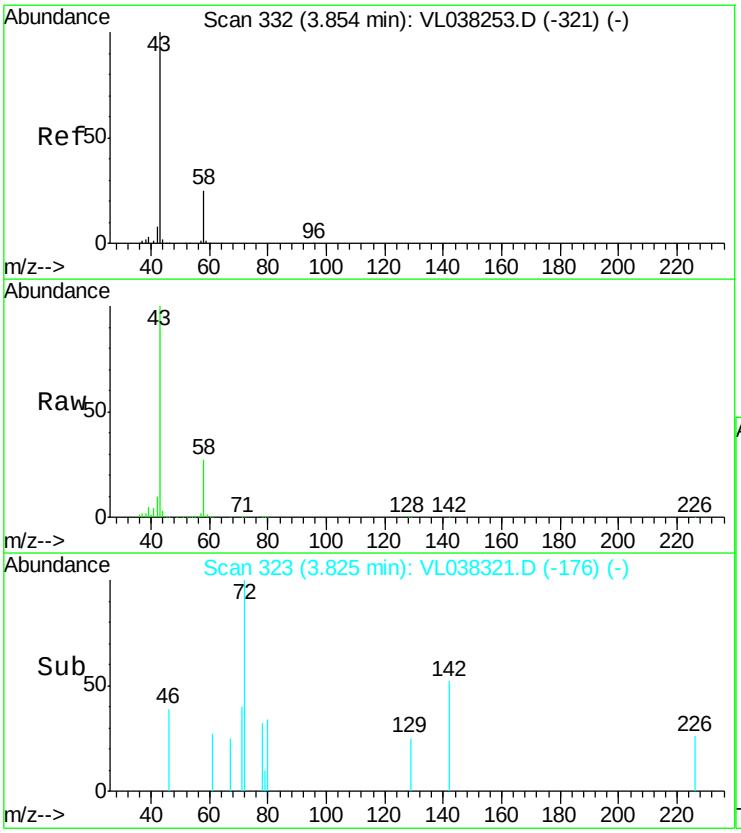

#13
Ethanol
Concen:  30.668 ppbv
RT: 3.58
Delta R.T
Lab File:
Acq:  1 Feb 2022  14:47

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Tgt Ion: 45 Resp:  175074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 37.3 | 15.4 | 61.6 |

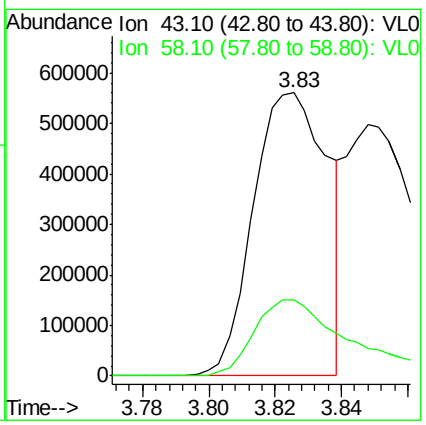


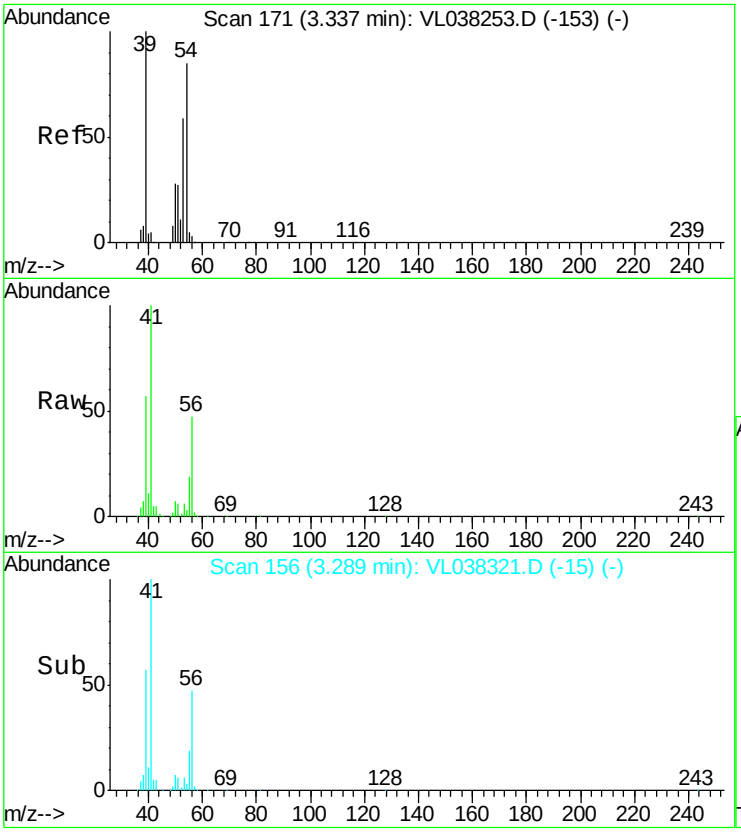




#15
Acetone
Concen:  12.054 ppbv
RT: 3.83 min  Scan# 323
Delta R.T.  -0.03 min
Lab File:  VL038321.D
Acq:  1 Feb 2022  14:47

Tgt Ion: 43 Resp:  871906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.6 | 21.5 | 32.3# |



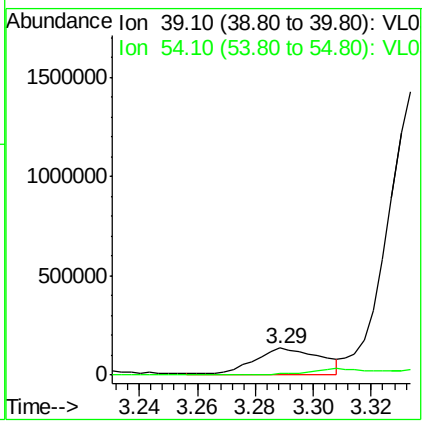


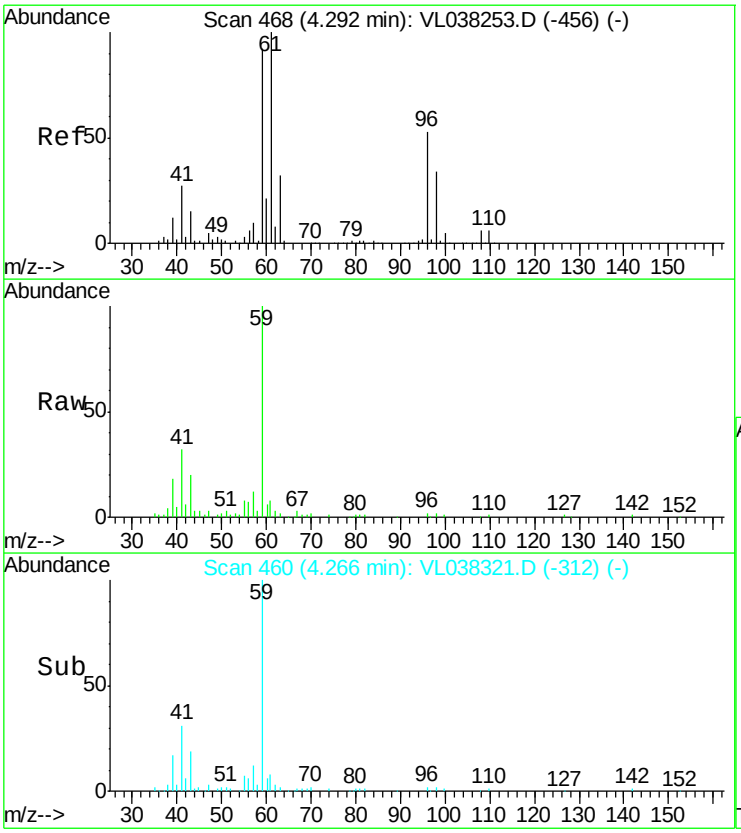

#16
1,3-Butadiene
Concen: 4.209 ppbv
RT: 3.29
Delta R.T
Lab File:
Acq: 1 Feb 2022 14:47

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Tgt Ion: 39 Resp: 218501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 45.9 | 62.6 | 94.0# |

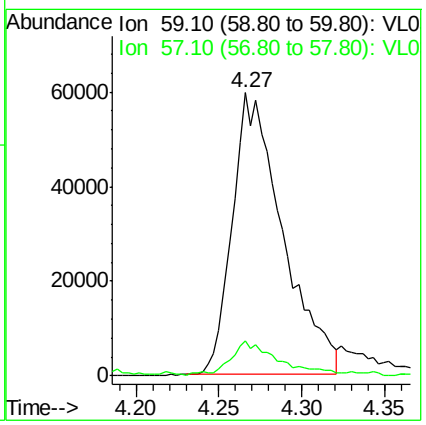


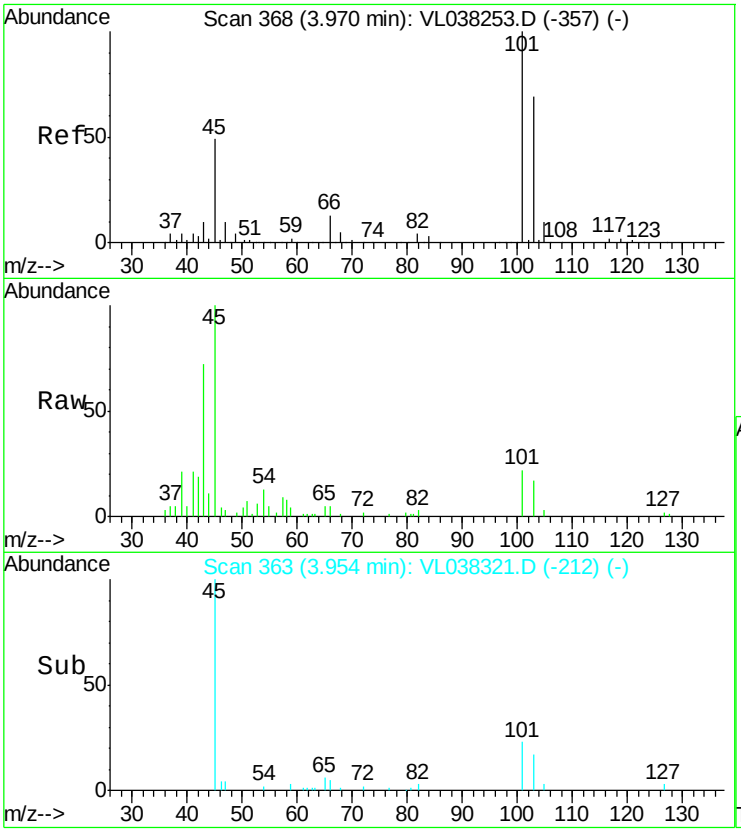




#17
tert-Butyl alcohol
Concen: 1.588 ppbv
RT: 4.27 min Scan# 460
Delta R.T. -0.03 min
Lab File: VL038321.D
Acq: 1 Feb 2022 14:47

Tgt Ion: 59 Resp: 126066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 72.3 | 9.2 | 13.8# |



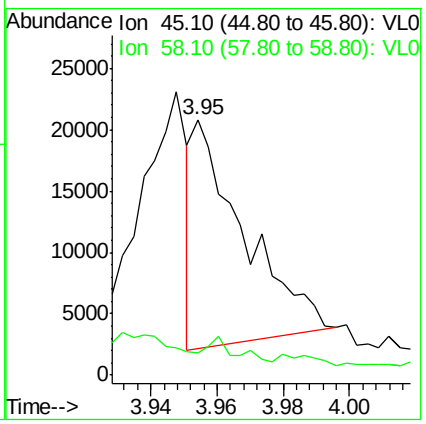


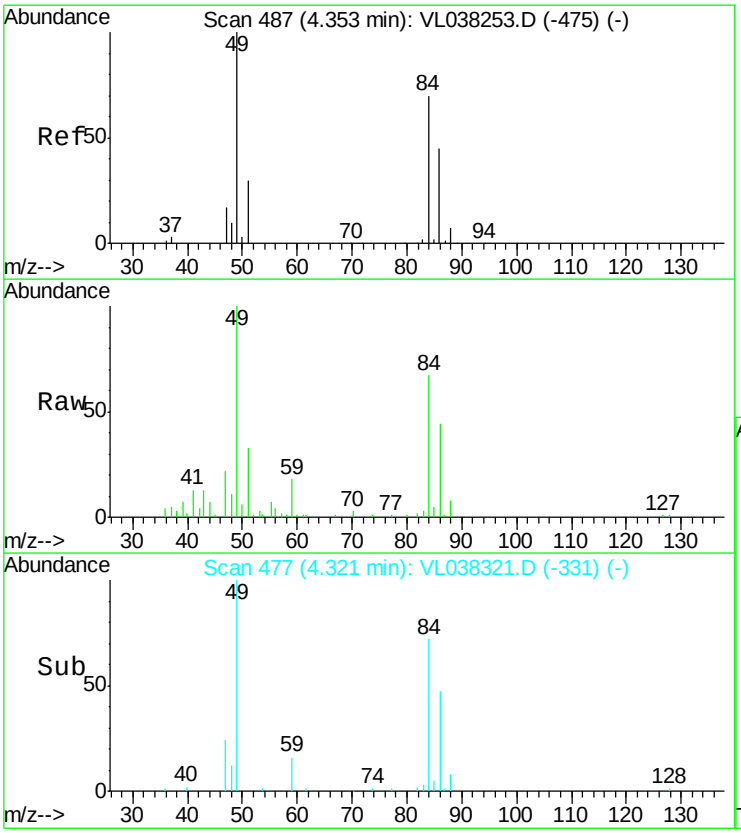

#19
Isopropyl Alcohol
Concen: 0.436 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 1 Feb 2022 14:47

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Tgt Ion: 45 Resp: 19732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 0.0 | 2.3 | 3.5# |

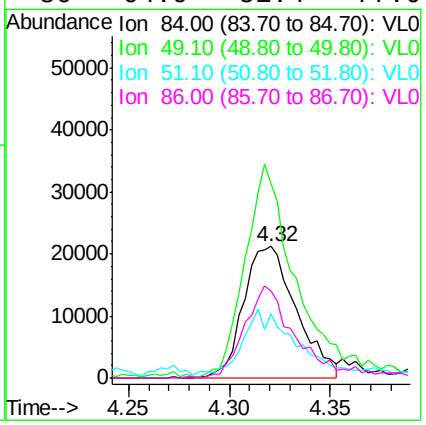


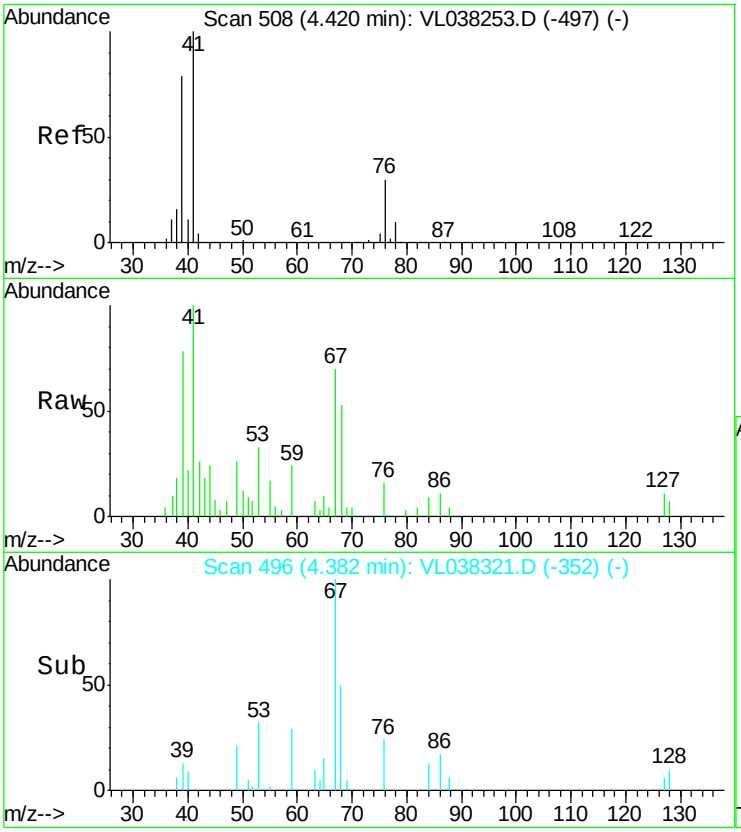




#20
Methylene Chloride
Concen: 0.922 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.03 min
Lab File: VL038321.D
Acq: 1 Feb 2022 14:47

Tgt Ion: 84 Resp: 38777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 145.7 | 115.0 | 172.6 |
| 51 | 43.0 | 35.0 | 52.6 |
| 86 | 64.9 | 51.4 | 77.0 |



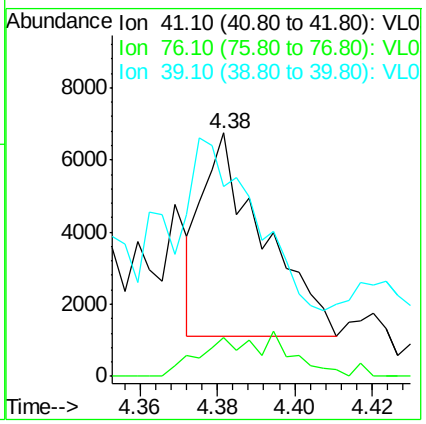


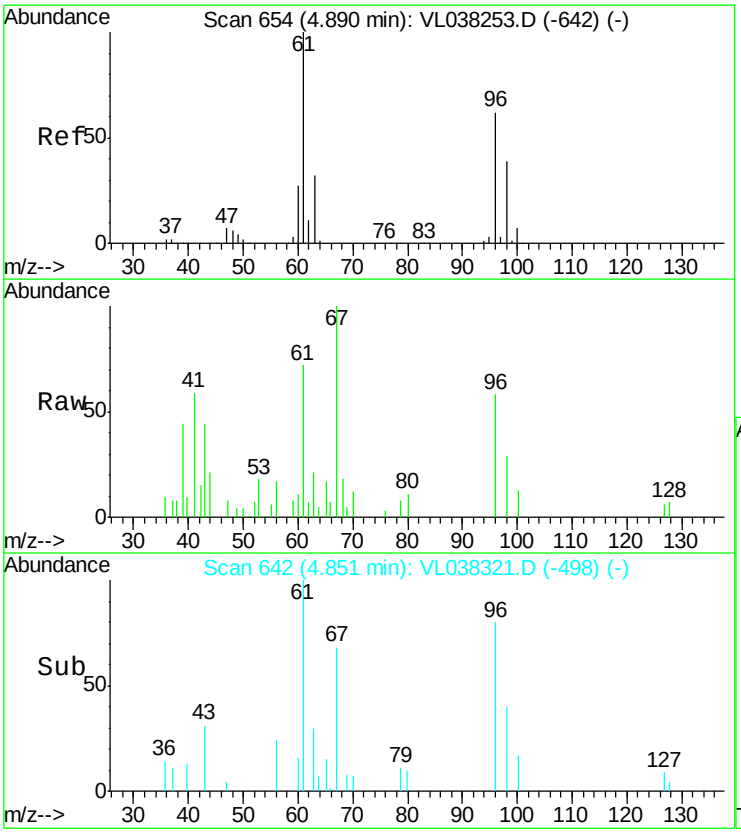

#21
Allyl Chloride
Concen: 0.097 ppbv
RT: 4.38
Delta R.T
Lab File:
Acq: 1 Feb 2022 14:47

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Tgt Ion: 41 Resp: 6216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 0.0 | 25.0 | 37.6# |
| 39 | 300.7 | 63.0 | 94.6# |

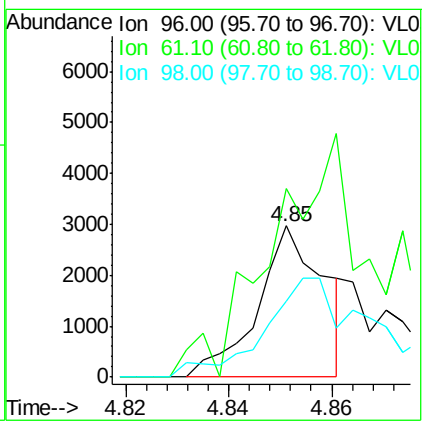


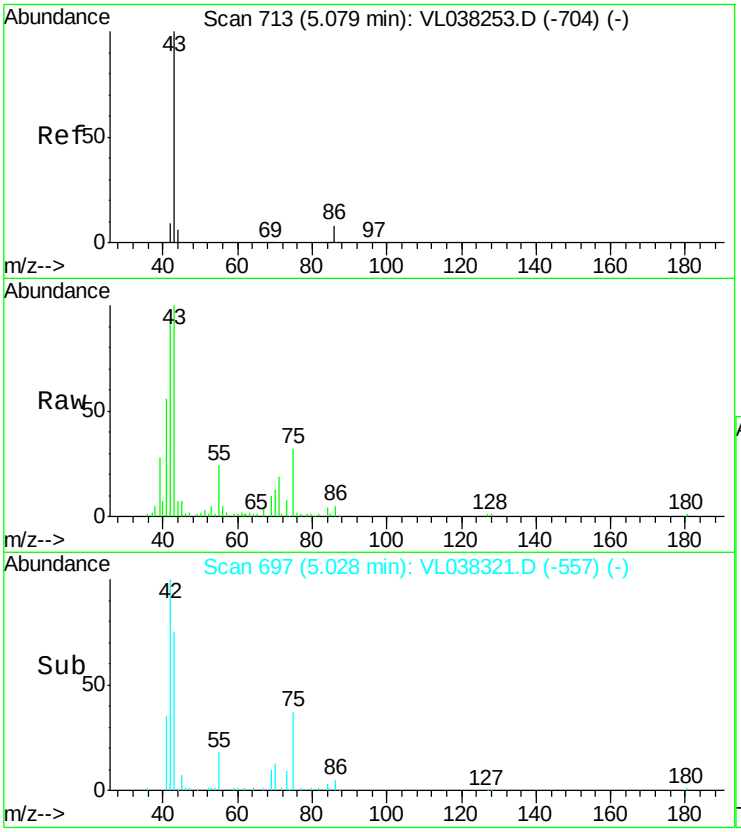




#22
trans-1,2-Dichloroethene
Concen: 0.057 ppbv
RT: 4.85 min Scan# 642
Delta R.T. -0.04 min
Lab File: VL038321.D
Acq: 1 Feb 2022 14:47

Tgt Ion: 96 Resp: 2632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 106.1 | 128.8 | 193.2# |
| 98 | 40.6 | 49.8 | 74.8# |



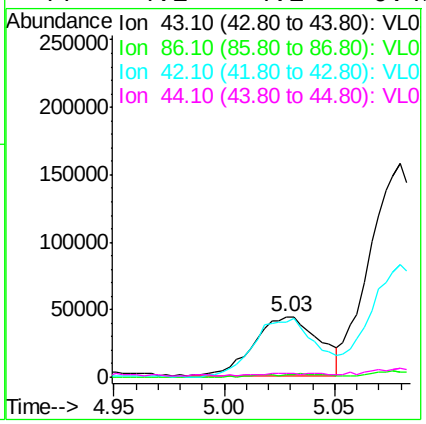


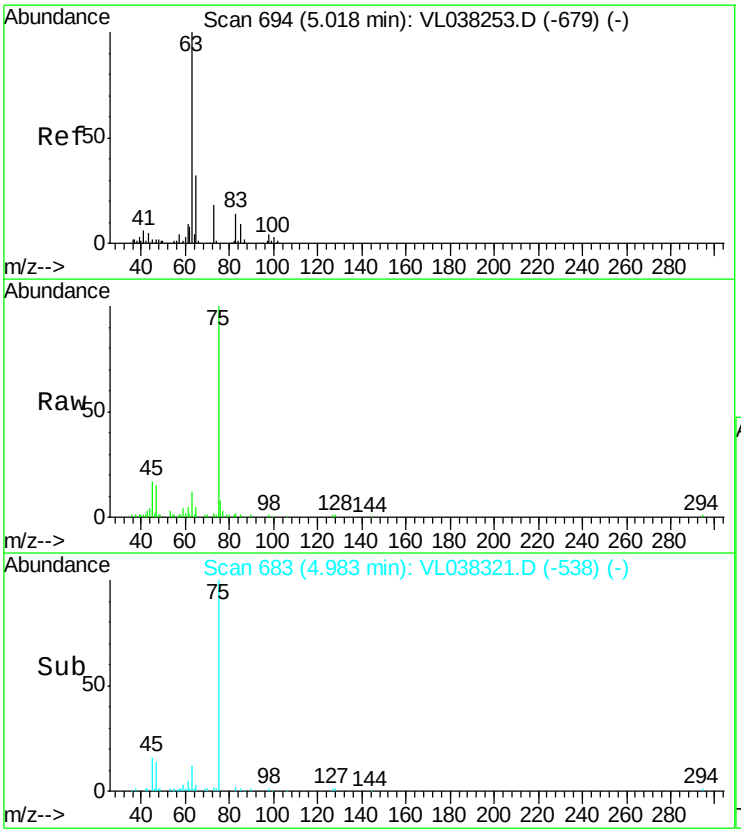

#23
Vinyl Acetate
Concen: 0.852 ppbv
RT: 5.03
Delta R.T
Lab File:
Acq: 1 Feb 2022 14:47

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Tgt Ion: 43 Resp: 89569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 4.4 | 5.7 | 8.5# |
| 42 | 93.3 | 7.7 | 11.5# |
| 44 | 4.2 | 4.2 | 6.4# |

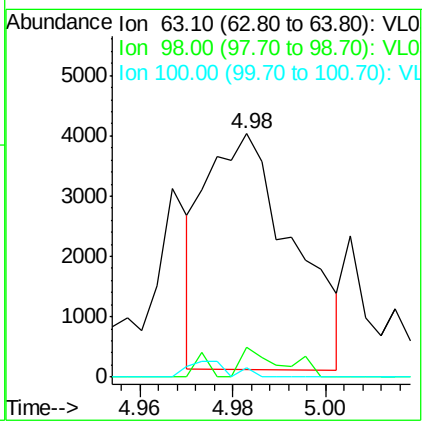


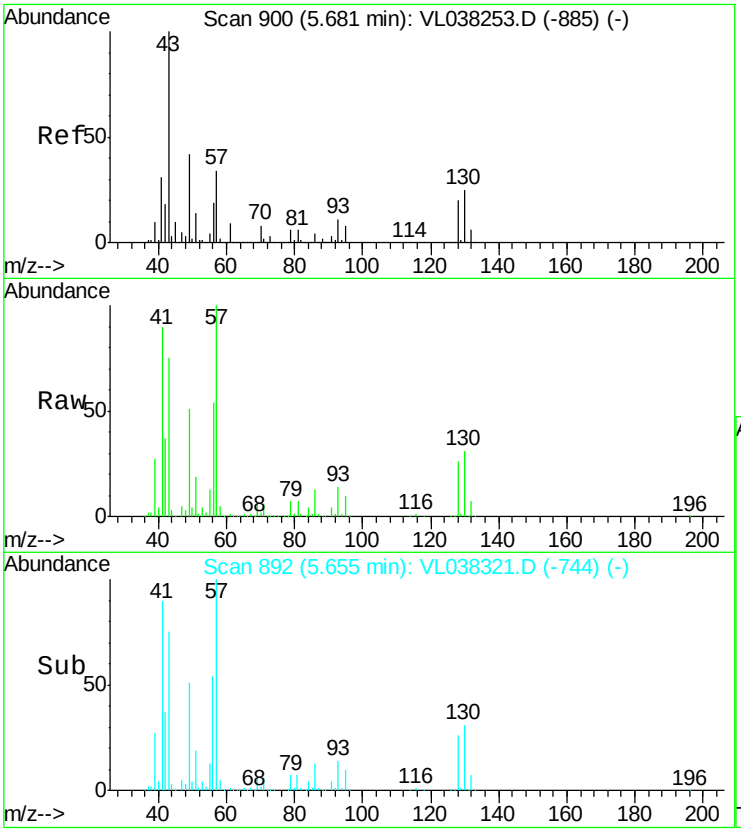




#24
1,1-Dichloroethane
Concen: 0.055 ppbv
RT: 4.98 min Scan# 683
Delta R.T. -0.04 min
Lab File: VL038321.D
Acq: 1 Feb 2022 14:47

Tgt Ion: 63 Resp: 5119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 18.9 | 2.3 | 6.8# |
| 100 | 6.1 | 1.3 | 3.9# |



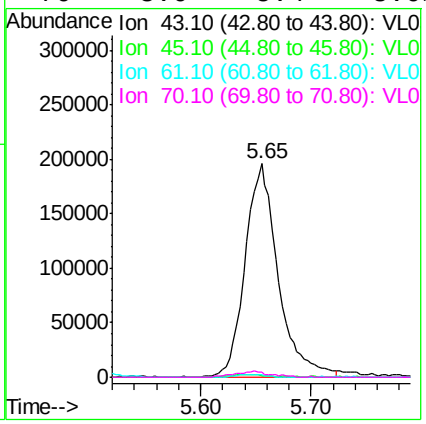


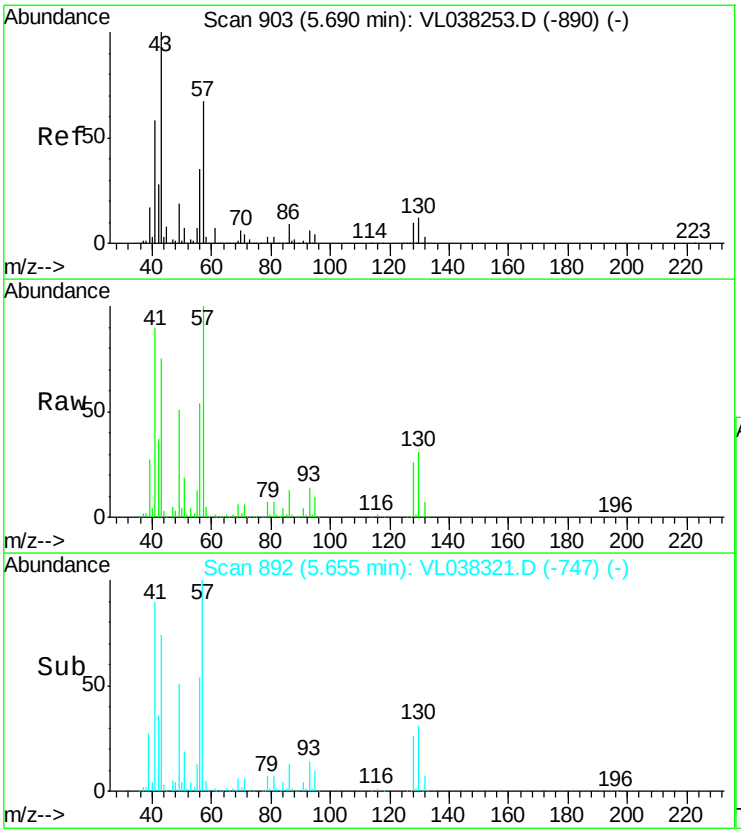

#25
Ethyl Acetate
Concen: 2.001 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 1 Feb 2022 14:47

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Tgt Ion: 43 Resp: 405225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 1.6 | 7.9 | 11.9# |
| 61 | 1.3 | 7.8 | 11.8# |
| 70 | 3.0 | 5.4 | 8.0# |

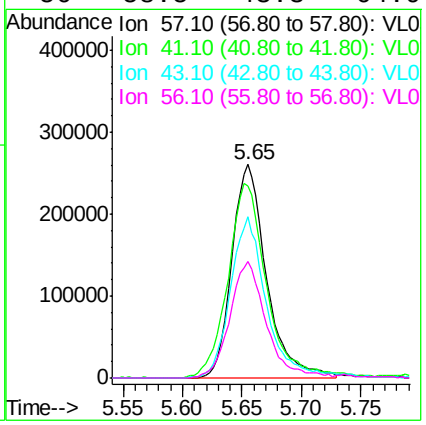


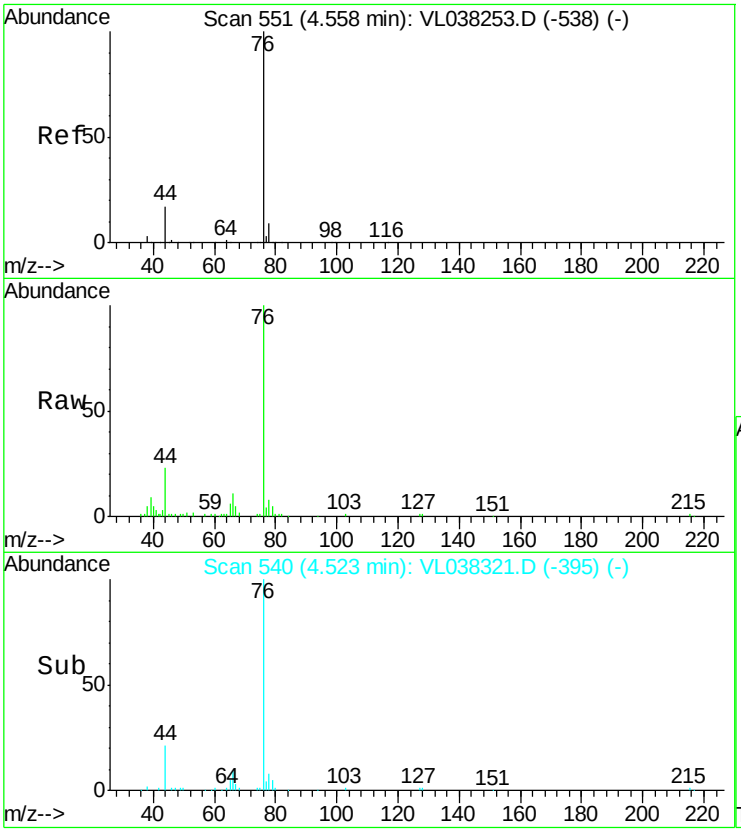




#26
Hexane
Concen: 5.573 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.04 min
Lab File: VL038321.D
Acq: 1 Feb 2022 14:47

Tgt Ion: 57 Resp: 524957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 102.6 | 72.8 | 109.2 |
| 43 | 79.3 | 177.0 | 265.6# |
| 56 | 58.5 | 43.3 | 64.9 |



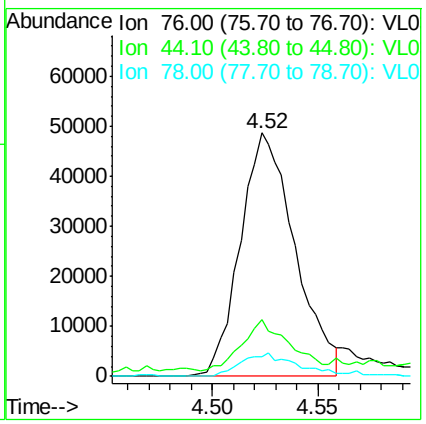


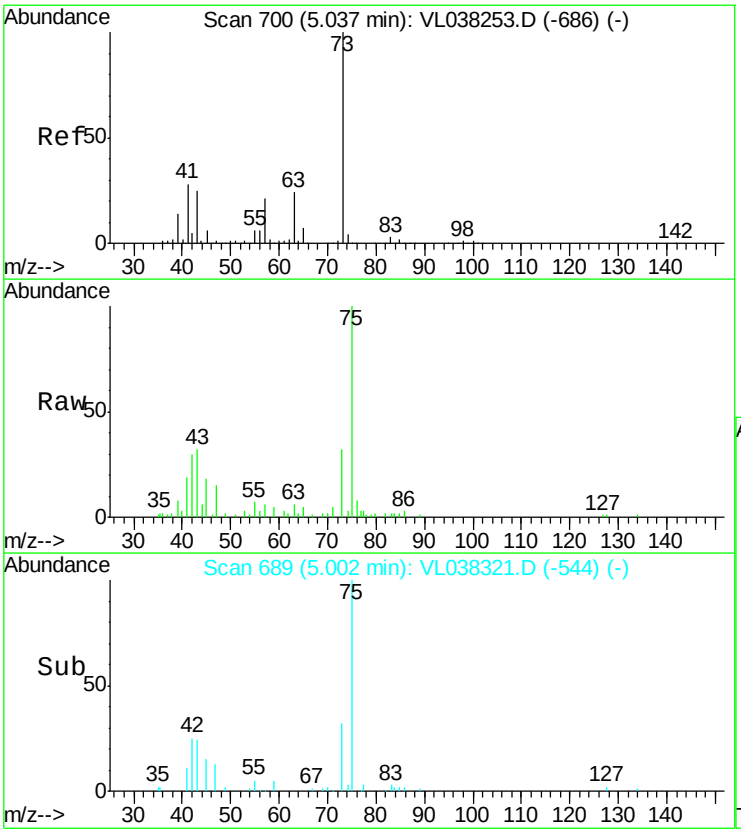

#27
Carbon Disulfide
Concen: 0.795 ppbv
RT: 4.52
Delta R.T
Lab File:
Acq: 1 Feb 2022 14:47

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Tgt Ion: 76 Resp: 87634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 44 | 24.6 | 14.8 | 22.2# |
| 78 | 10.6 | 7.9 | 11.9 |

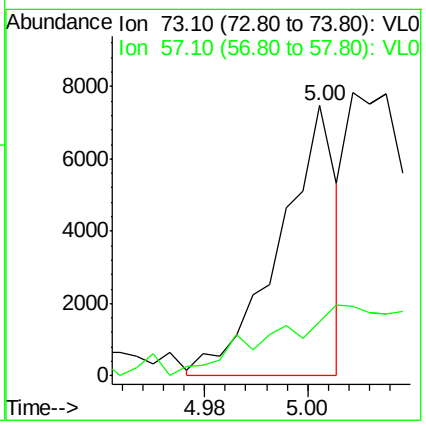


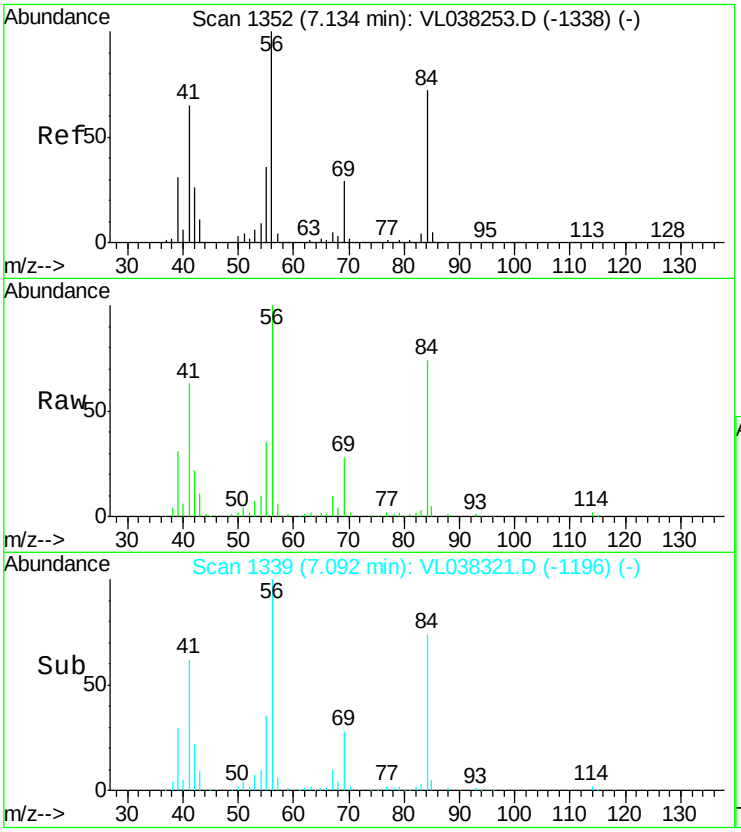




#28
Methyl tert-Butyl Ether
Concen: 0.058 ppbv
RT: 5.00 min Scan# 689
Delta R.T. -0.04 min
Lab File: VL038321.D
Acq: 1 Feb 2022 14:47

Tgt Ion: 73 Resp: 5704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 0.0 | 18.2 | 27.4# |



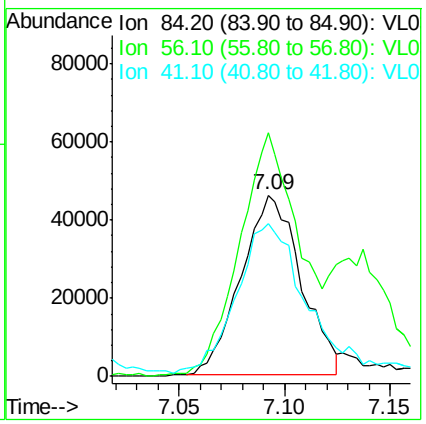


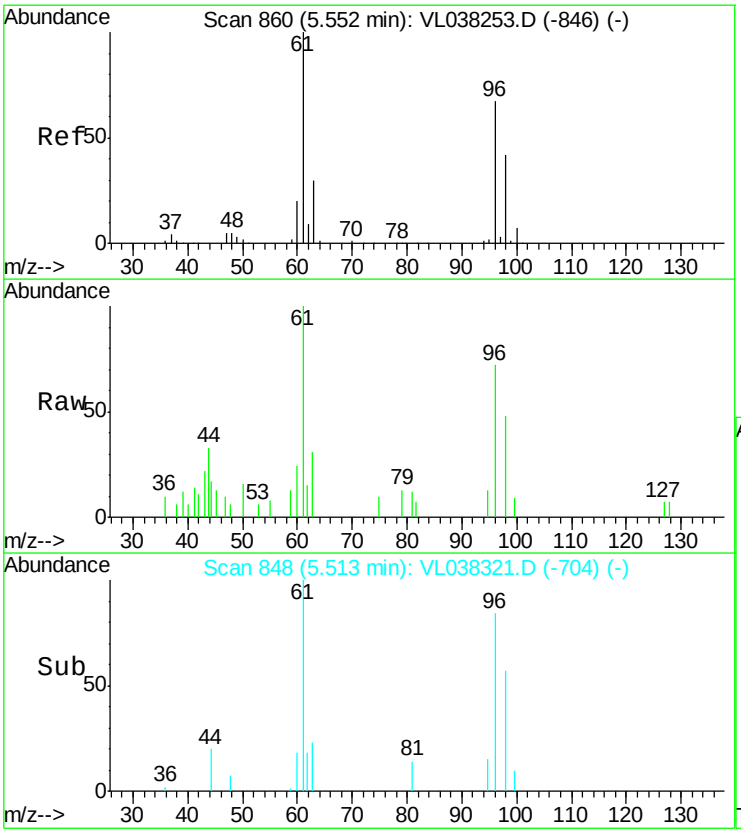

#30
Cyclohexane
Concen: 1.104 ppbv
RT: 7.09
Delta R.T
Lab File:
Acq: 1 Feb 2022 14:47

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Tgt Ion: 84 Resp: 90545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 202.1 | 112.7 | 169.1# |
| 41 | 99.9 | 71.1 | 106.7 |

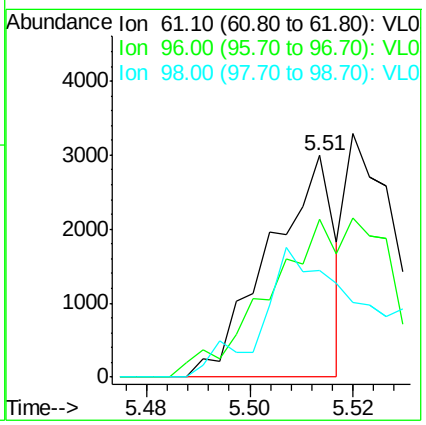


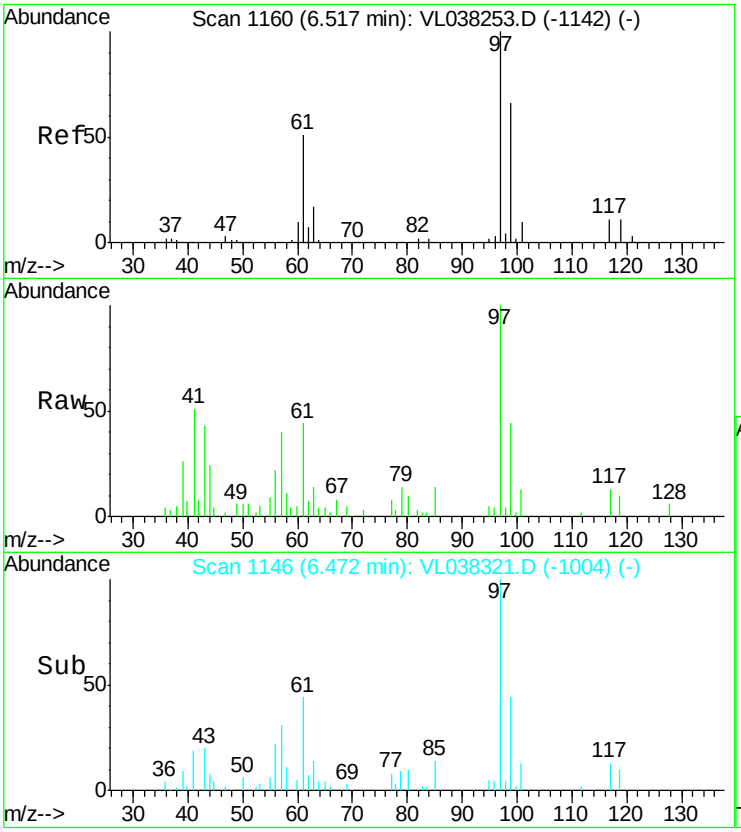




#31
cis-1,2-Dichloroethene
Concen: 0.032 ppbv
RT: 5.51 min Scan# 848
Delta R.T. -0.04 min
Lab File: VL038321.D
Acq: 1 Feb 2022 14:47

Tgt Ion: 61 Resp: 2630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 56.5 | 53.3 | 79.9 |
| 98 | 41.9 | 33.7 | 50.5 |



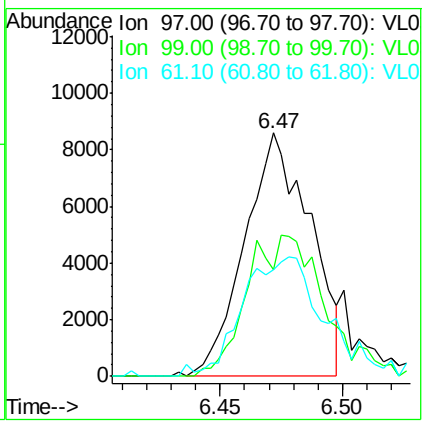


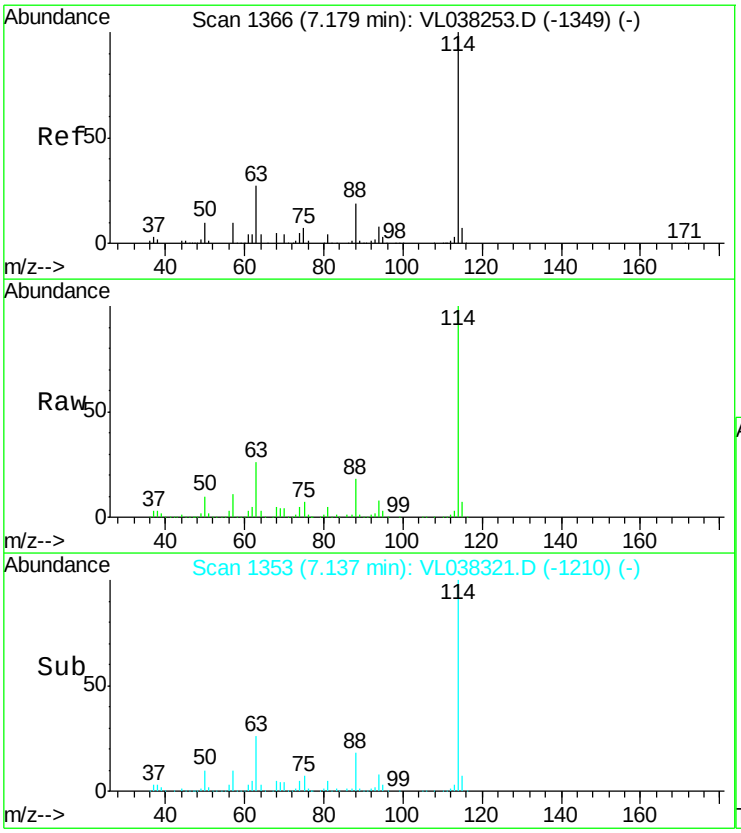

#32
1,1,1-Trichloroethane
Concen: 0.104 ppbv
RT: 6.47
Delta R.T
Lab File:
Acq: 1 Feb 2022 14:47

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Tgt Ion: 97 Resp: 16001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 69.8 | 51.5 | 77.3 |
| 61 | 61.8 | 40.5 | 60.7# |

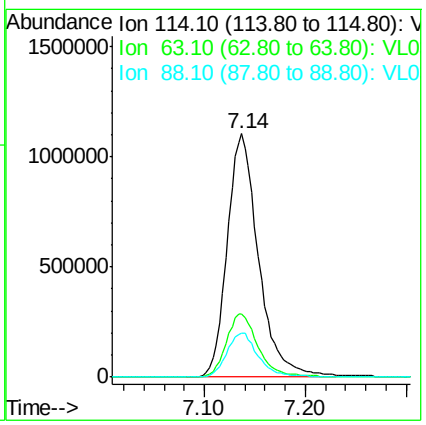


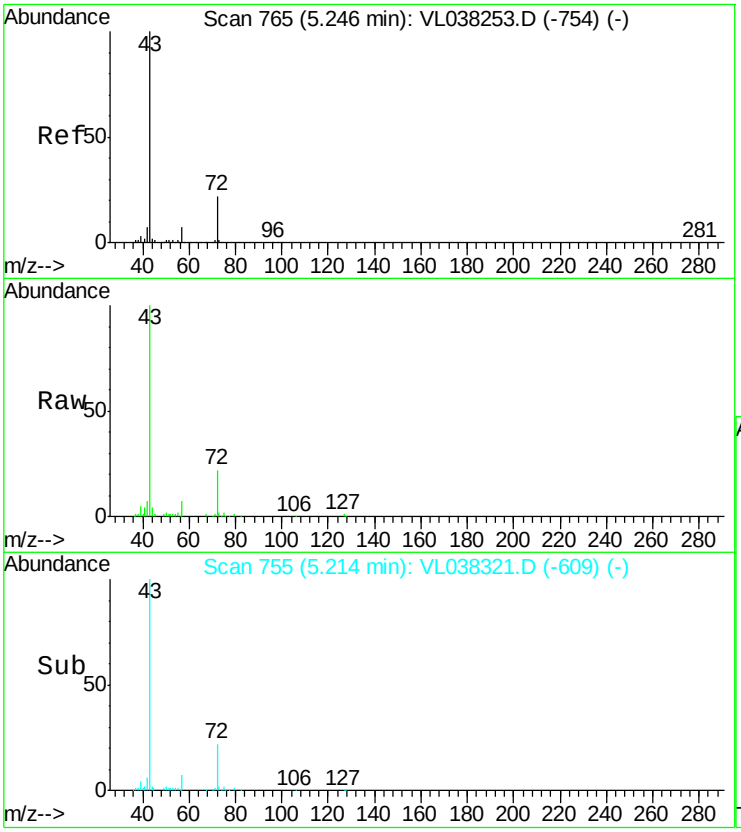




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.04 min
Lab File: VL038321.D
Acq: 1 Feb 2022 14:47

Tgt Ion:114 Resp: 2389193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 26.8 | 22.0 | 33.0 |
| 88 | 18.5 | 15.0 | 22.6 |



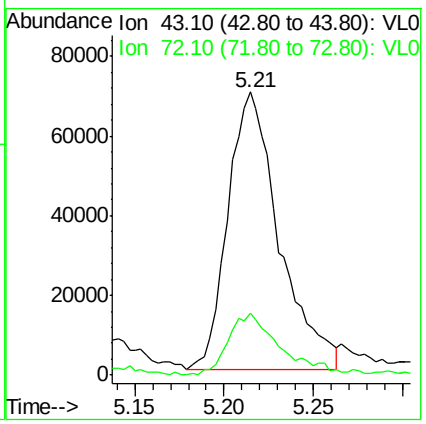


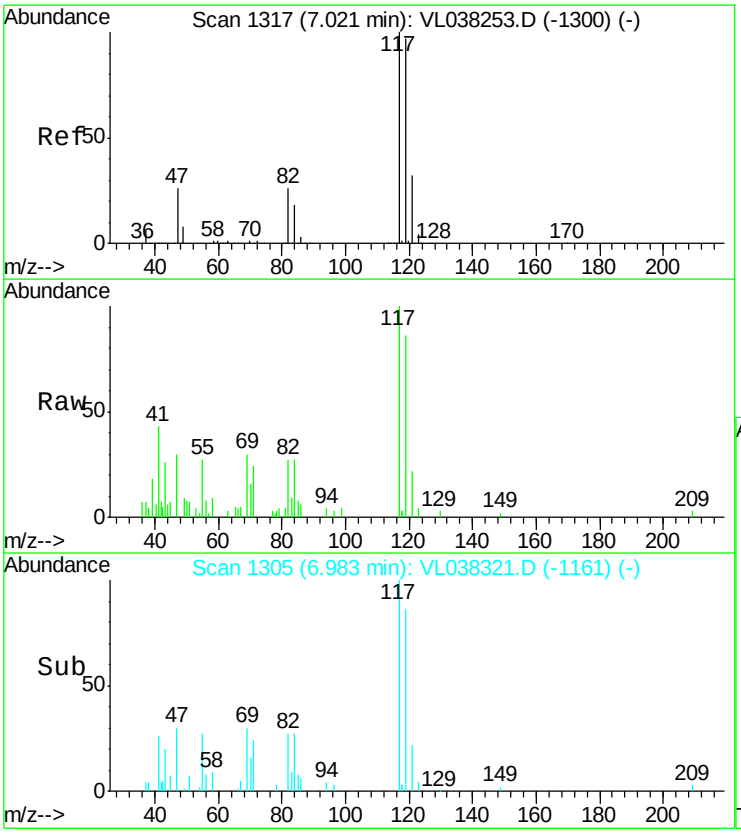

#34
2-Butanone
Concen: 1.775 ppbv
RT: 5.21
Delta R.T
Lab File:
Acq: 1 Feb 2022 14:47

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Tgt Ion: 43 Resp: 138681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 21.4 | 18.1 | 27.1 |

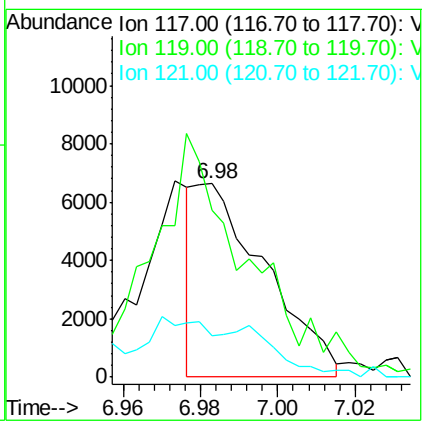


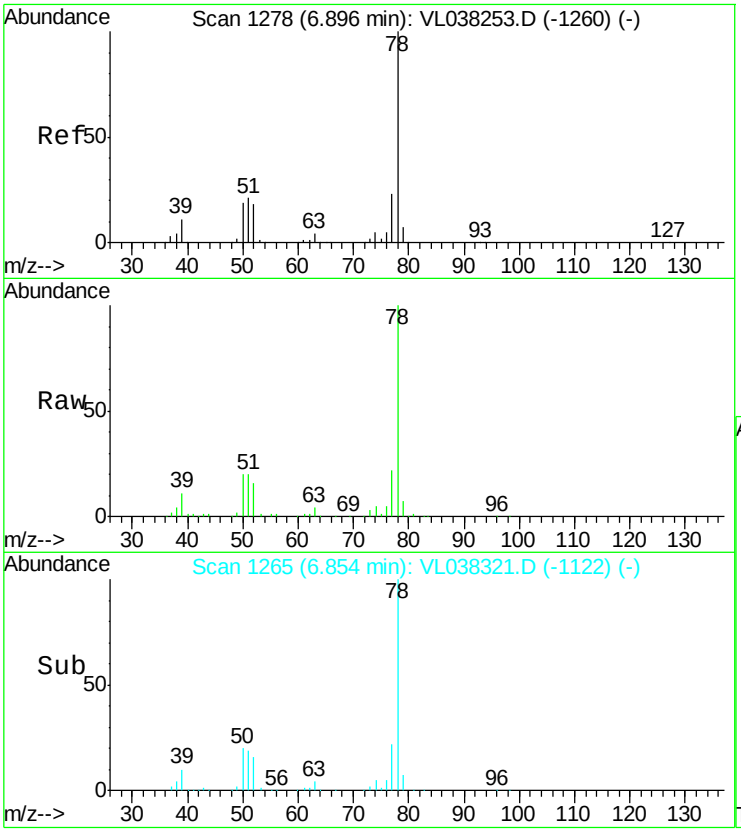




#35
Carbon Tetrachloride
Concen: 0.050 ppbv
RT: 6.98 min Scan# 1305
Delta R.T. -0.04 min
Lab File: VL038321.D
Acq: 1 Feb 2022 14:47

Tgt Ion:117 Resp: 8427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 65.4 | 77.9 | 116.9# |
| 121 | 18.5 | 25.4 | 38.2# |



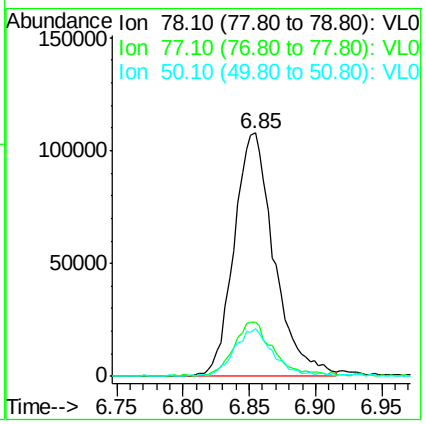


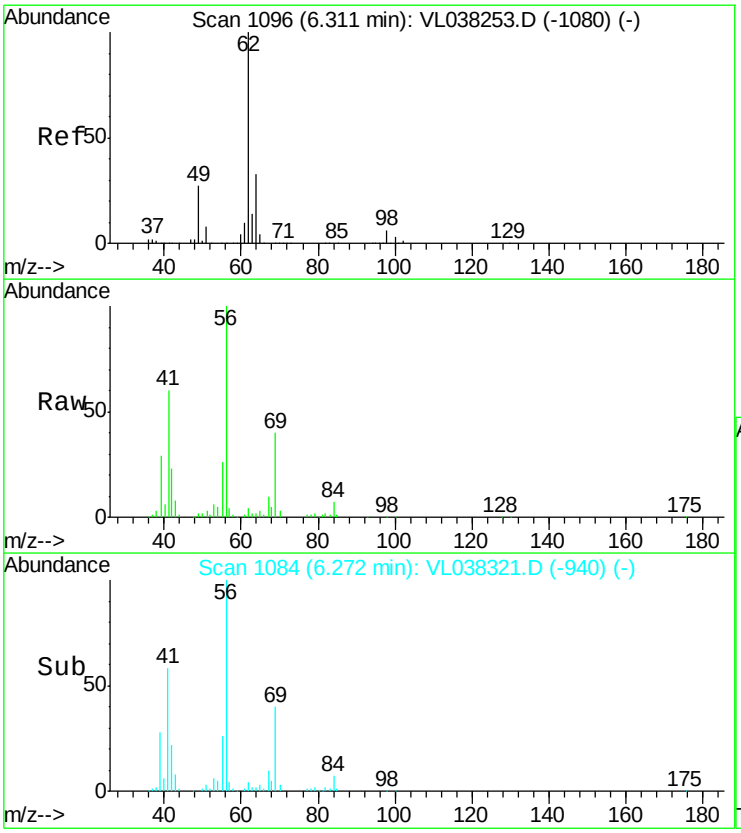

#36
Benzene
Concen: 1.072 ppbv
RT: 6.85
Delta R.T
Lab File:
Acq: 1 Feb 2022 14:47

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Tgt Ion: 78 Resp: 226501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 21.5 | 18.2 | 27.2 |
| 50 | 19.5 | 15.1 | 22.7 |

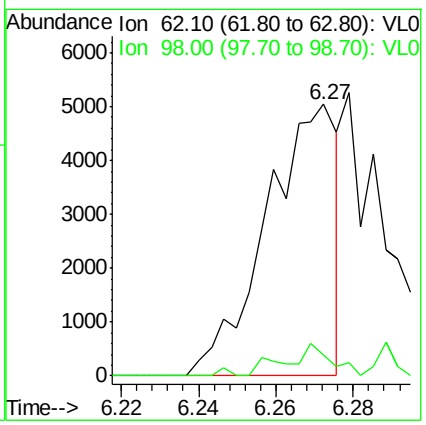


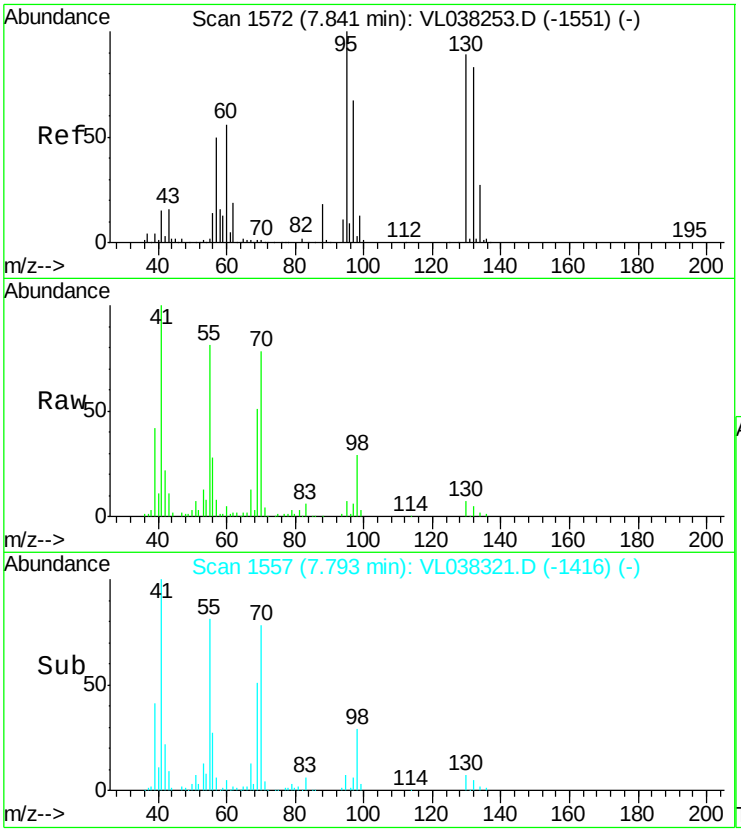




#37
1,2-Dichloroethane
Concen: 0.053 ppbv
RT: 6.27 min Scan# 1084
Delta R.T. -0.04 min
Lab File: VL038321.D
Acq: 1 Feb 2022 14:47

Tgt Ion: 62 Resp: 6407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 4.5 | 6.7# |



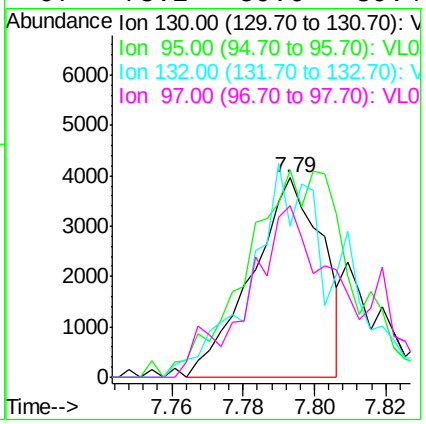


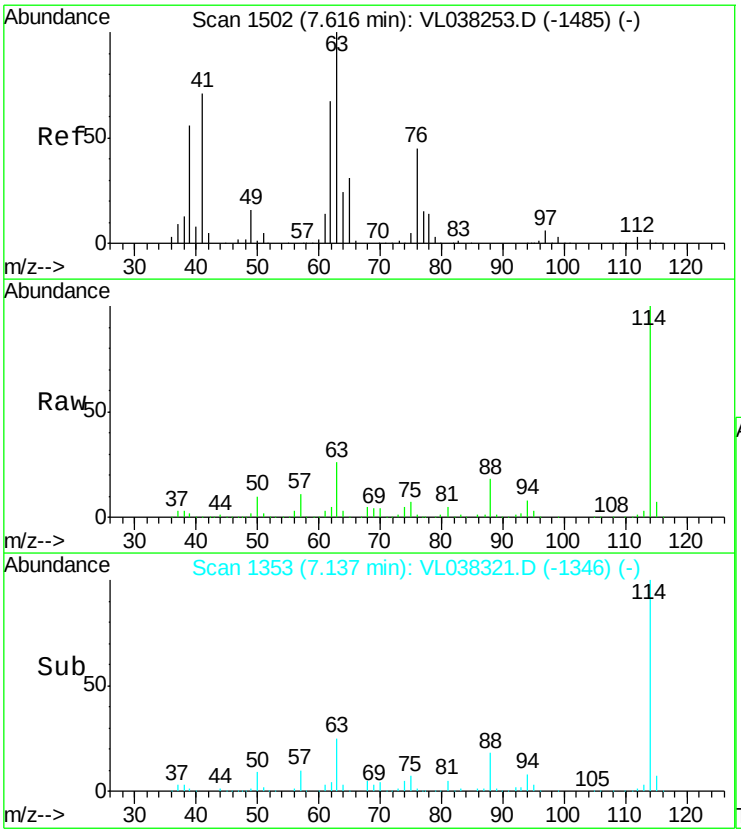

#38
Trichloroethene
Concen: 0.069 ppbv
RT: 7.79
Delta R.T
Lab File:
Acq: 1 Feb 2022 14:47

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Tgt Ion:130 Resp: 5393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 95.7 | 89.4 | 134.2 |
| 132 | 66.9 | 74.6 | 111.8# |
| 97 | 78.2 | 59.6 | 89.4 |

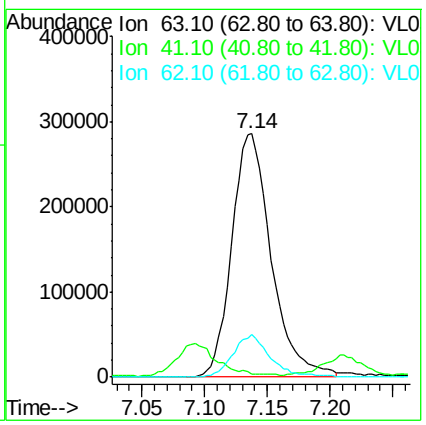


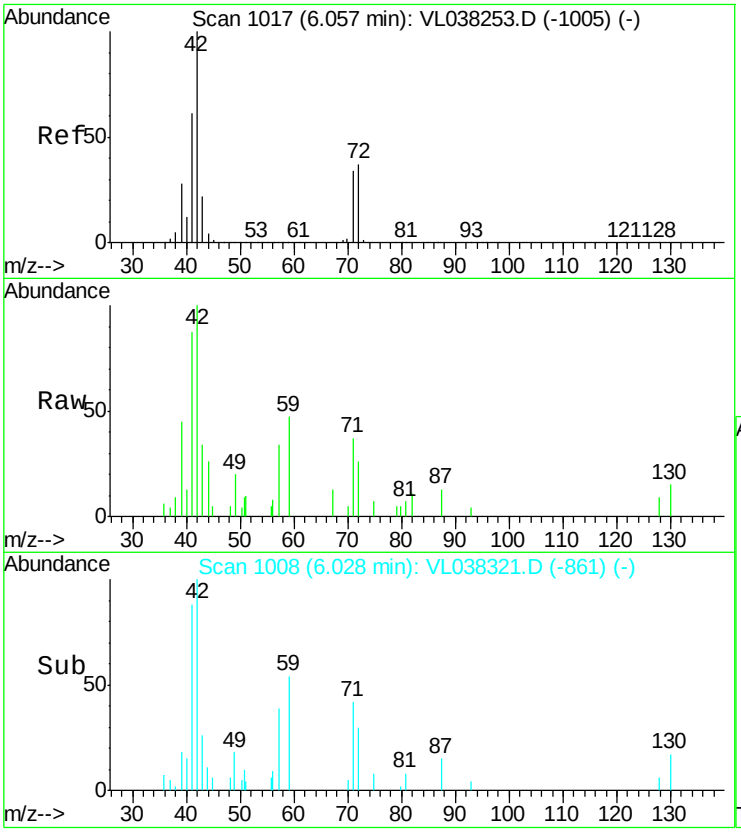




#39
1,2-Dichloropropane
Concen: 7.274 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.48 min
Lab File: VL038321.D
Acq: 1 Feb 2022 14:47

Tgt Ion: 63 Resp: 623265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 0.0 | 56.6 | 85.0# |
| 62 | 17.4 | 53.9 | 80.9# |



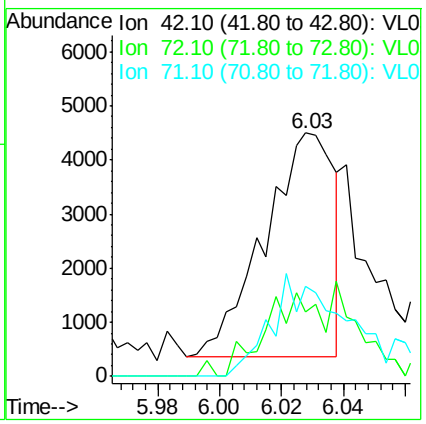


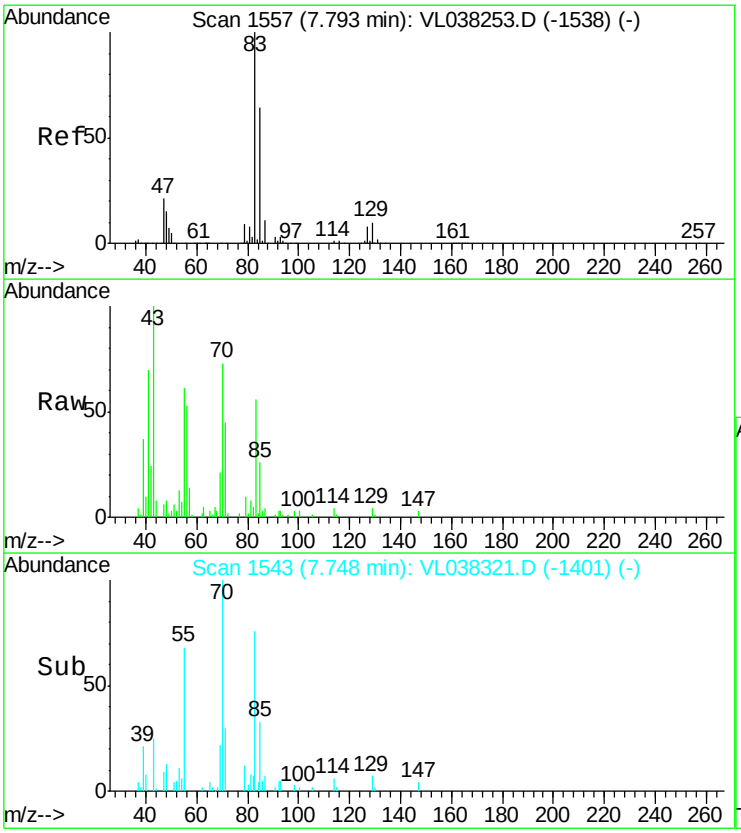

#41
Tetrahydrofuran
Concen: 0.122 ppbv
RT: 6.03
Delta R.T
Lab File:
Acq: 1 Feb 2022 14:47

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Tgt Ion: 42 Resp: 6427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 50.4 | 29.7 | 44.5# |
| 71 | 54.5 | 29.4 | 44.2# |

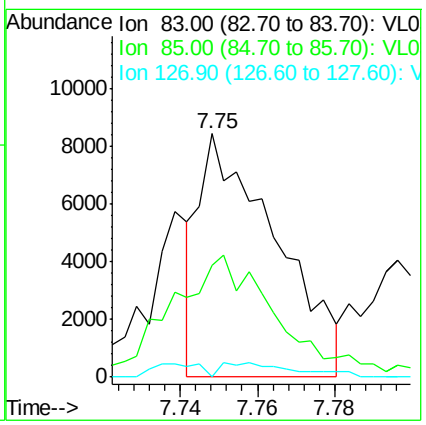


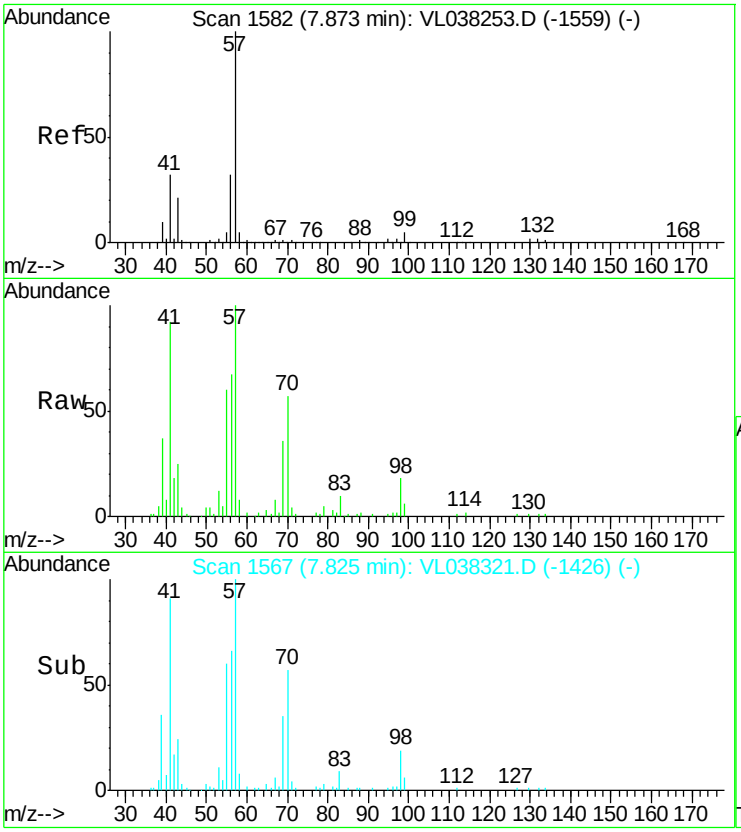




#42
Bromodichloromethane
Concen: 0.065 ppbv
RT: 7.75 min Scan# 1543
Delta R.T. -0.04 min
Lab File: VL038321.D
Acq: 1 Feb 2022 14:47

Tgt Ion: 83 Resp: 11640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 48.0 | 51.5 | 77.3# |
| 127 | 0.0 | 6.2 | 9.4# |



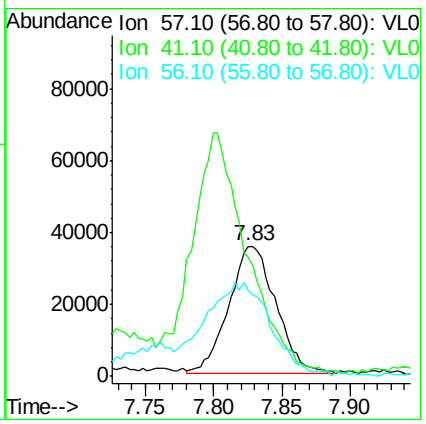


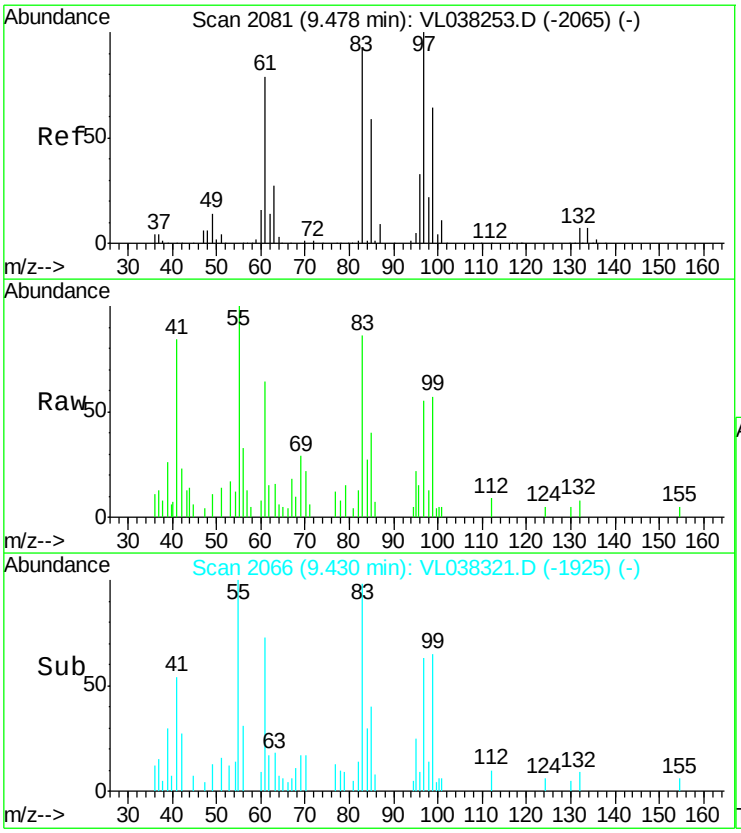

#44
2,2,4-Trimethylpentane
Concen: 0.226 ppbv
RT: 7.83
Delta R.T
Lab File:
Acq: 1 Feb 2022 14:47

**Instrument :**
MSVOA_L
**ClientSampleId :**
SVP-2

Tgt Ion: 57 Resp: 84108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 227.4 | 26.3 | 39.5# |
| 56 | 130.2 | 25.2 | 37.8# |




#47
1,1,2-Trichloroethane
Concen: 0.039 ppbv
RT: 9.43 min Scan# 2066
Delta R.T. -0.05 min
Lab File: VL038321.D
Acq: 1 Feb 2022 14:47

Tgt Ion: 97 Resp: 3284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 128.2 | 74.3 | 111.5# |
| 85 | 80.6 | 47.5 | 71.3# |
| 99 | 122.1 | 51.1 | 76.7# |