Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060822\
Data File : VL039243.D
Acq On : 8 Jun 2022 20:24
Operator : SY/AP
Sample : N3214-13 0.45 LOD
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Quant Time: Jun 09 06:41:05 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.68 | 49 | 981116 | 10.00 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 7.18 | 114 | 2245021 | 10.00 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 12.09 | 117 | 1943393 | 10.00 | ppbv | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 14.42 | 95 | 1776295 | 11.06 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 110.60% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 3.06 | 85 | 109367 | 0.635 | ppbv | | 89 |
| 3) Chlorodifluoromethane | 3.00 | 51 | 70599 | 0.566 | ppbv | # | 91 |
| 4) Chloromethane | 3.16 | 50 | 33570 | 0.524 | ppbv | # | 72 |
| 5) Vinyl Chloride | 3.27 | 62 | 18225 | 0.304 | ppbv | | 99 |
| 6) Bromomethane | 3.49 | 94 | 16970 | 0.575 | ppbv | | 90 |
| 7) Chloroethane | 3.57 | 64 | 6654 | 0.319 | ppbv | # | 88 |
| 8) Dichlorotetrafluoroethane | 3.20 | 85 | 88761 | 0.564 | ppbv | | 95 |
| 9) Propene | 3.04 | 41 | 4019 | 0.074 | ppbv | # | 1 |
| 10) Heptane | 8.13 | 43 | 44285 | 0.349 | ppbv | | 91 |
| 11) Trichlorofluoromethane | 3.96 | 101 | 113797 | 0.730 | ppbv | | 90 |
| 12) 1,1,2-Trichlorotrifluoroet | 4.50 | 101 | 69517 | 0.674 | ppbv | | 94 |
| 13) Ethanol | 3.61 | 45 | 354 | 0.119 | ppbv | # | 100 |
| 14) Bromoethene | 3.75 | 108 | 27038 | 0.583 | ppbv | # | 89 |
| 15) Acetone | 3.87 | 43 | 68450 | 0.670 | ppbv | | 97 |
| 16) 1,3-Butadiene | 3.34 | 39 | 25817 | 0.470 | ppbv | # | 79 |
| 17) tert-Butyl alcohol | 4.31 | 59 | 24898 | 0.314 | ppbv | # | 70 |
| 18) 1,1-Dichloroethene | 4.30 | 96 | 30044 | 0.649 | ppbv | # | 82 |
| 19) Isopropyl Alcohol | 3.99 | 45 | 21684 | 0.452 | ppbv | # | 88 |
| 20) Methylene Chloride | 4.36 | 84 | 36241 | 0.841 | ppbv | # | 93 |
| 21) Allyl Chloride | 4.42 | 41 | 39140 | 0.568 | ppbv | # | 80 |
| 22) trans-1,2-Dichloroethene | 4.90 | 96 | 14366 | 0.323 | ppbv | | 94 |
| 23) Vinyl Acetate | 5.08 | 43 | 11625 | 0.137 | ppbv | # | 83 |
| 24) 1,1-Dichloroethane | 5.02 | 63 | 71608 | 0.618 | ppbv | | 96 |
| 25) Ethyl Acetate | 5.69 | 43 | 94487 | 0.410 | ppbv | # | 95 |
| 26) Hexane | 5.70 | 57 | 42142 | 0.416 | ppbv | # | 82 |
| 27) Carbon Disulfide | 4.56 | 76 | 61089 | 0.582 | ppbv | # | 79 |
| 28) Methyl tert-Butyl Ether | 5.06 | 73 | 42741 | 0.382 | ppbv | # | 79 |
| 29) Chloroform | 5.76 | 83 | 86303 | 0.507 | ppbv | | 97 |
| 30) Cyclohexane | 7.14 | 84 | 19644 | 0.231 | ppbv | # | 1 |
| 31) cis-1,2-Dichloroethene | 5.56 | 61 | 23953 | 0.232 | ppbv | | 96 |
| 32) 1,1,1-Trichloroethane | 6.53 | 97 | 38988 | 0.234 | ppbv | # | 1 |
| 34) 2-Butanone | 5.26 | 43 | 23101 | 0.189 | ppbv | # | 53 |
| 35) Carbon Tetrachloride | 7.02 | 117 | 87689 | 0.535 | ppbv | | 96 |
| 36) Benzene | 6.91 | 78 | 77860 | 0.427 | ppbv | | 95 |
| 37) 1,2-Dichloroethane | 6.31 | 62 | 63651 | 0.531 | ppbv | | 100 |
| 38) Trichloroethene | 7.84 | 130 | 17167 | 0.205 | ppbv | # | 92 |
| 39) 1,2-Dichloropropane | 7.61 | 63 | 13371 | 0.184 | ppbv | # | 81 |
| 41) Tetrahydrofuran | 6.08 | 42 | 17065 | 0.233 | ppbv | # | 40 |
| 42) Bromodichloromethane | 7.80 | 83 | 44858 | 0.269 | ppbv | | 94 |
| 43) Methyl Methacrylate | 8.03 | 69 | 13932 | 0.196 | ppbv | # | 1 |
| 44) 2,2,4-Trimethylpentane | 7.88 | 57 | 138477 | 0.434 | ppbv | # | 91 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060822\
Data File : VL039243.D
Acq On : 8 Jun 2022 20:24
Operator : SY/AP
Sample : N3214-13 0.45 LOD
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Quant Time: Jun 09 06:41:05 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 45) t-1,3-Dichloropropene | 9.28 | 75 | 6654 | 0.090 | ppbv | | 93 |
| 47) 1,1,2-Trichloroethane | 9.48 | 97 | 32038 | 0.424 | ppbv | # | 86 |
| 48) Dibromochloromethane | 10.31 | 129 | 54833 | 0.406 | ppbv | | 97 |
| 49) Bromoform | 13.04 | 173 | 20053 | 0.178 | ppbv | # | 20 |
| 50) 4-Methyl-2-Pentanone | 8.76 | 43 | 38675 | 0.212 | ppbv | # | 49 |
| 51) 2-Hexanone | 10.16 | 43 | 20083 | 0.141 | ppbv | # | 28 |
| 52) Tetrachloroethene | 11.23 | 164 | 14129 | 0.199 | ppbv | | 92 |
| 53) Toluene | 9.82 | 91 | 78968 | 0.376 | ppbv | | 98 |
| 54) 1,2-Dibromoethane | 10.61 | 107 | 42122 | 0.414 | ppbv | | 85 |
| 56) 1,1,1,2-Tetrachloroethane | 12.13 | 131 | 45312 | 0.493 | ppbv | # | 67 |
| 57) Chlorobenzene | 12.15 | 112 | 65319 | 0.447 | ppbv | | 93 |
| 58) Ethyl Benzene | 12.98 | 91 | 94042 | 0.351 | ppbv | | 91 |
| 59) m/p-Xylene | 13.00 | 91 | 19309 | 0.082 | ppbv | # | 1 |
| 60) o-Xylene | 13.70 | 91 | 62936 | 0.284 | ppbv | | 66 |
| 61) Styrene | 13.54 | 104 | 31730 | 0.267 | ppbv | # | 45 |
| 62) Isopropylbenzene | 14.67 | 105 | 78799 | 0.239 | ppbv | # | 58 |
| 63) 1,1,2,2-Tetrachloroethane | 13.68 | 83 | 26247 | 0.211 | ppbv | # | 24 |
| 64) n-propylbenzene | 15.56 | 120 | 9901 | 0.122 | ppbv | # | 1 |
| 65) tert-Butylbenzene | 16.75 | 119 | 132569 | 0.440 | ppbv | # | 75 |
| 66) Benzyl Chloride | 16.99 | 91 | 1938 | 0.050 | ppbv | # | 1 |
| 67) sec-Butylbenzene | 17.30 | 105 | 185721 | 0.452 | ppbv | | 100 |
| 69) p-Isopropyltoluene | 17.65 | 119 | 64431 | 0.186 | ppbv | # | 47 |
| 70) n-Butylbenzene | 18.56 | 91 | 159114 | 0.447 | ppbv | | 96 |
| 71) 2-Chlorotoluene | 15.45 | 91 | 47491 | 0.189 | ppbv | # | 44 |
| 72) 4-Ethyltoluene | 15.84 | 105 | 51732 | 0.199 | ppbv | # | 47 |
| 73) 1,3,5-Trimethylbenzene | 16.00 | 105 | 98185 | 0.419 | ppbv | | 89 |
| 74) 1,2,4-Trimethylbenzene | 16.76 | 105 | 57027 | 0.218 | ppbv | # | 87 |
| 75) 1,3-Dichlorobenzene | 17.00 | 146 | 27851 | 0.188 | ppbv | # | 23 |
| 76) 1,4-Dichlorobenzene | 17.14 | 146 | 20377 | 0.138 | ppbv | # | 1 |
| 77) 1,2-Dichlorobenzene | 17.82 | 146 | 30154 | 0.202 | ppbv | # | 22 |
| 78) Hexachloro-1,3-Butadiene | 23.38 | 225 | 46225 | 0.339 | ppbv | # | 55 |
| 79) Naphthalene | 22.21 | 128 | 36151 | 0.180 | ppbv | | 94 |
| 80) Naphthalene,2-methyl- | 24.98 | 142 | 7264 | 0.097 | ppbv | # | 69 |
| 81) 1,2,4-Trichlorobenzene | 21.93 | 180 | 28818 | 0.226 | ppbv | # | 100 |

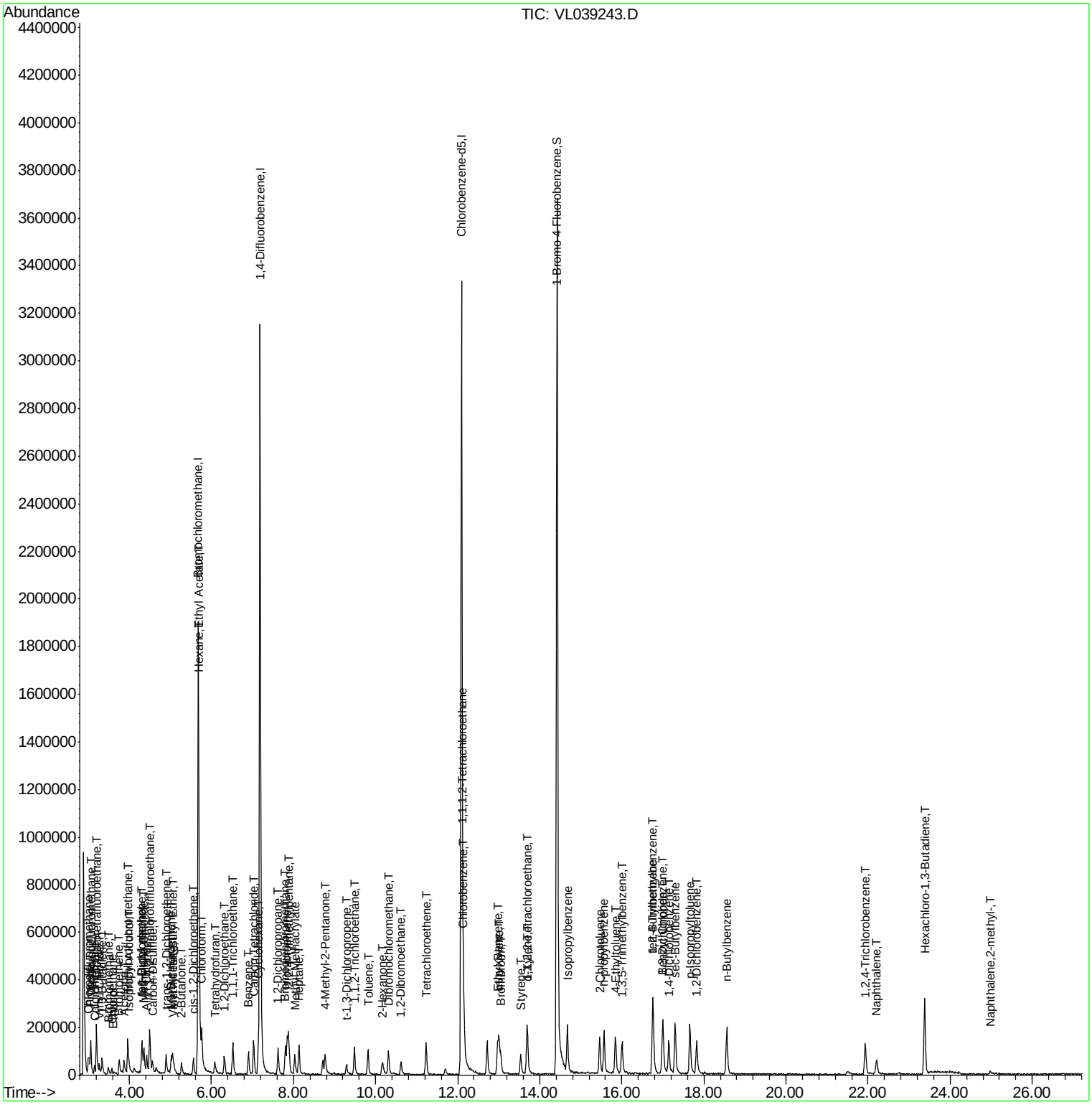
(#) = qualifier out of range (m) = manual integration (+) = signals summed

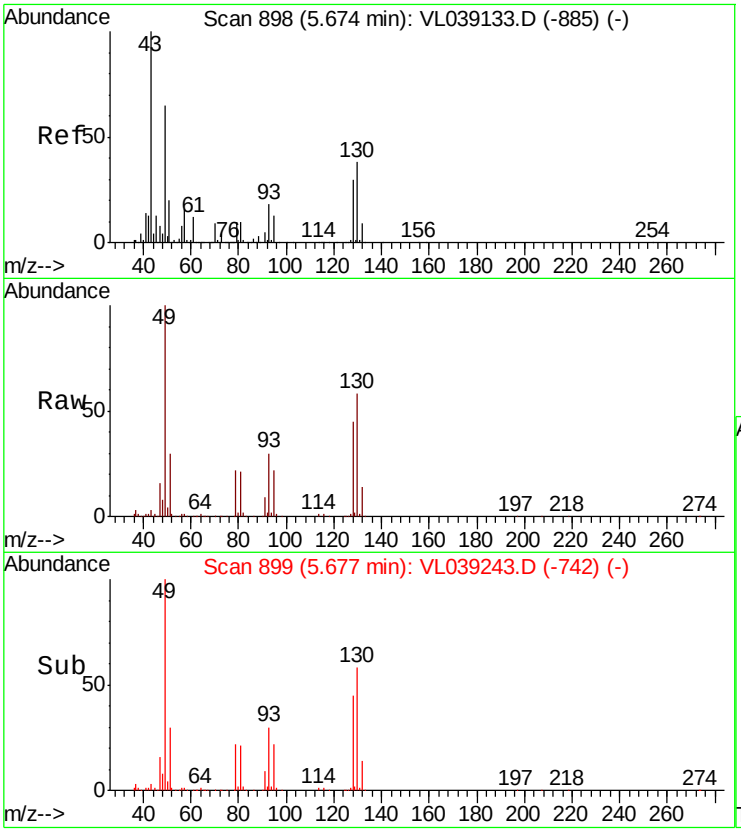
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060822\
Data File : VL039243.D
Acq On : 8 Jun 2022 20:24
Operator : SY/AP
Sample : N3214-13 0.45 LOD
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Quant Time: Jun 09 06:41:05 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration



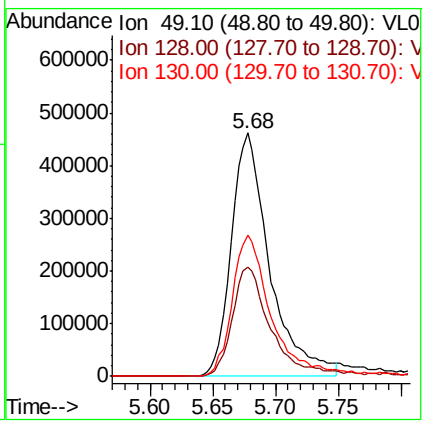


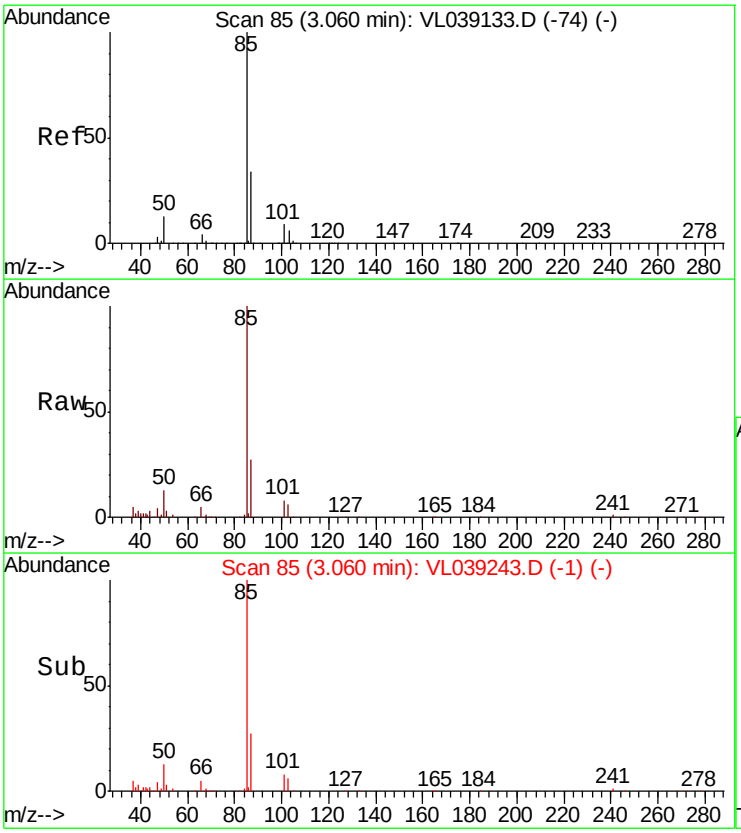

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 49 Resp: 981116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 128 | 47.3 | 24.7 | 74.1 |
| 130 | 61.4 | 31.4 | 94.0 |

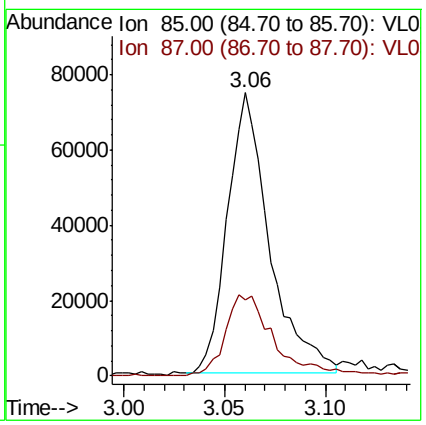


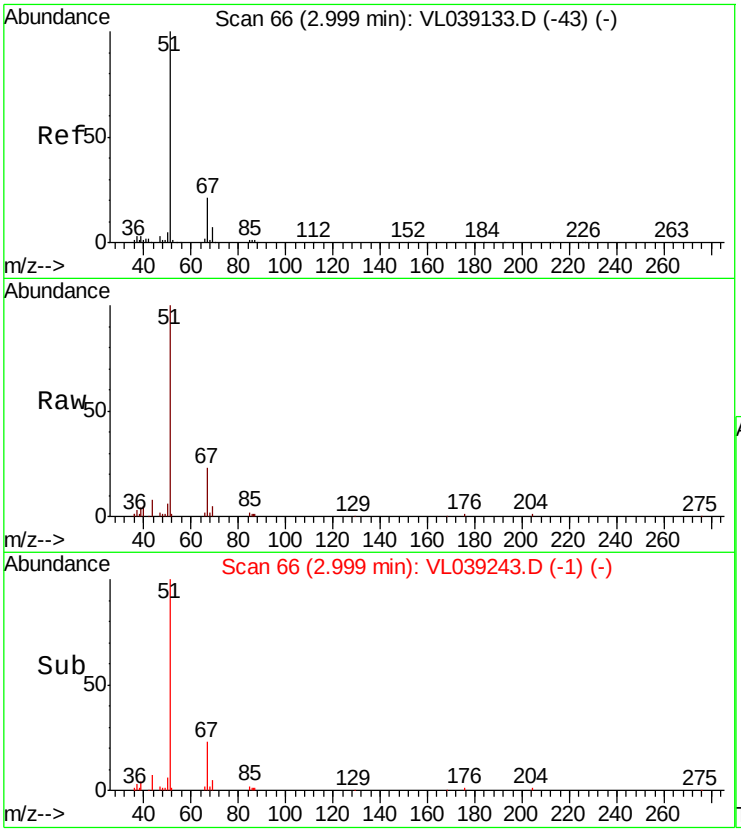




#2
Dichlorodifluoromethane
Concen: 0.635 ppbv
RT: 3.06 min Scan# 85
Delta R.T. 0.00 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 85 Resp: 109367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 27.2 | 26.9 | 40.3 |



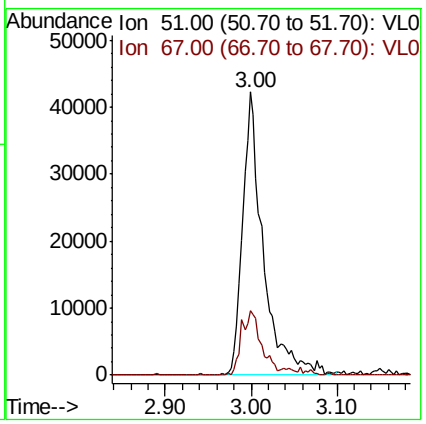


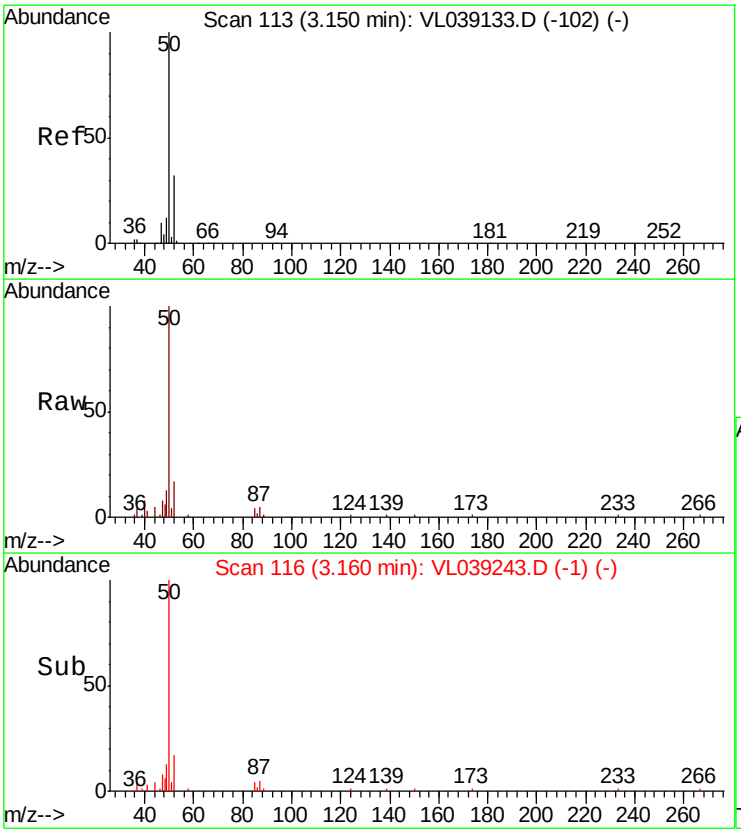

#3
Chlorodifluoromethane
Concen: 0.566 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 51 Resp: 70599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 51 | 100 | | |
| 67 | 24.4 | 16.2 | 24.4# |

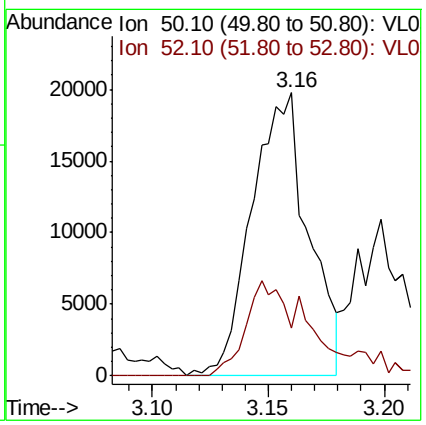


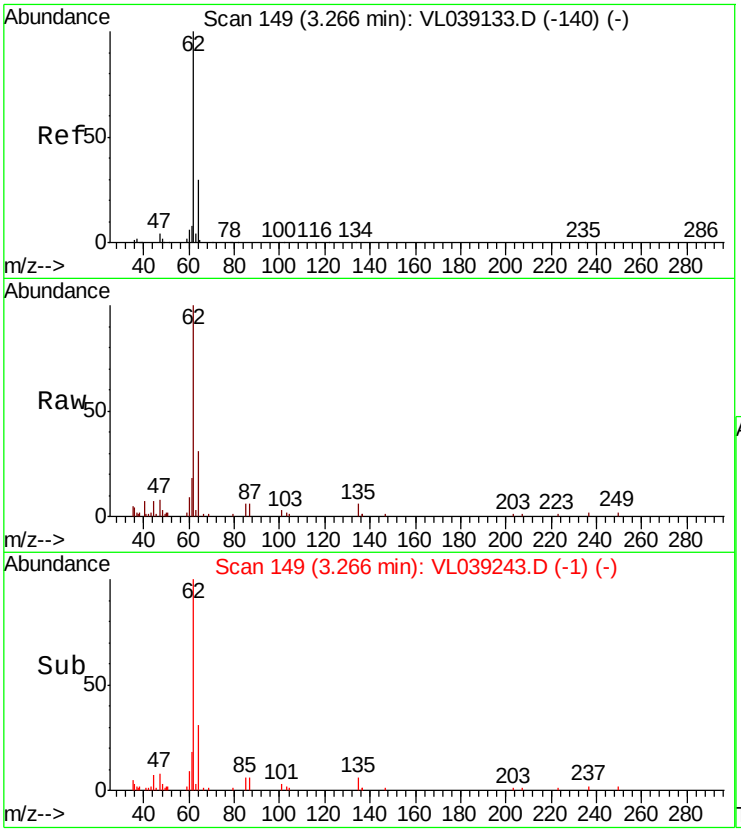




#4
Chloromethane
Concen: 0.524 ppbv
RT: 3.16 min Scan# 116
Delta R.T. 0.01 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 50 Resp: 33570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 16.7 | 25.9 | 38.9# |



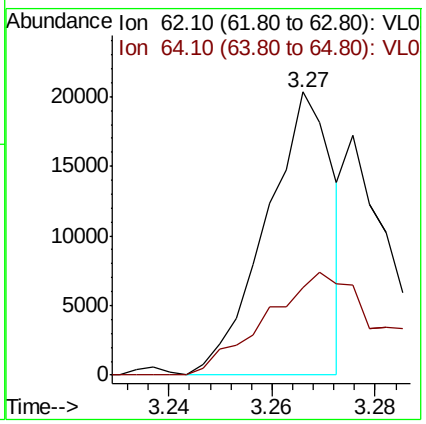


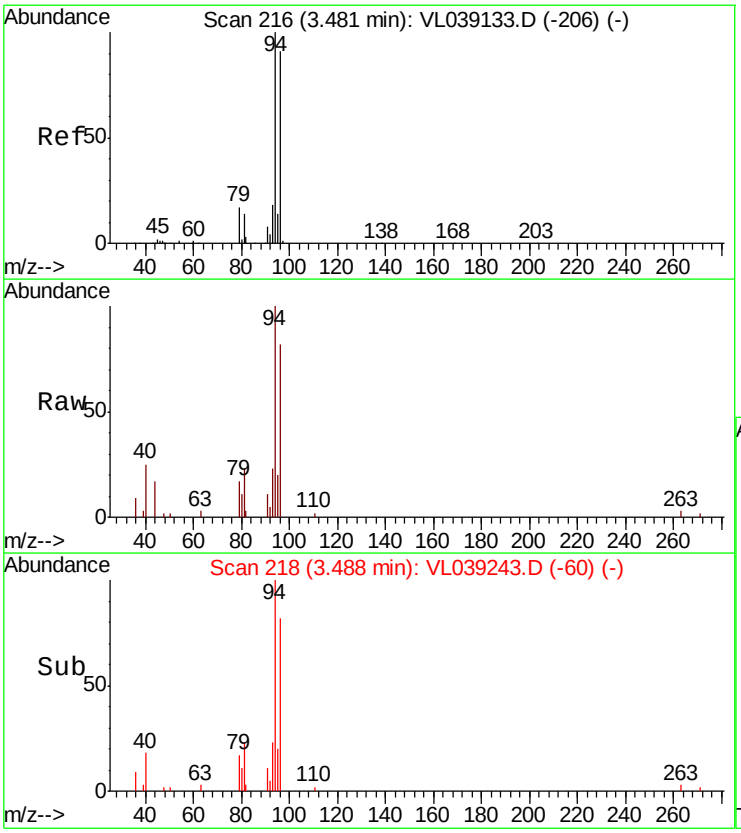

#5
Vinyl Chloride
Concen: 0.304 ppbv
RT: 3.27
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 62 Resp: 18225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.0 | 24.2 | 36.2 |

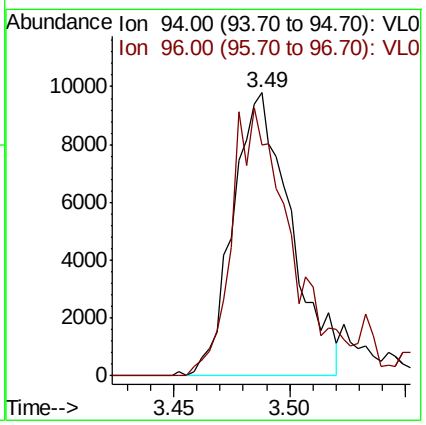


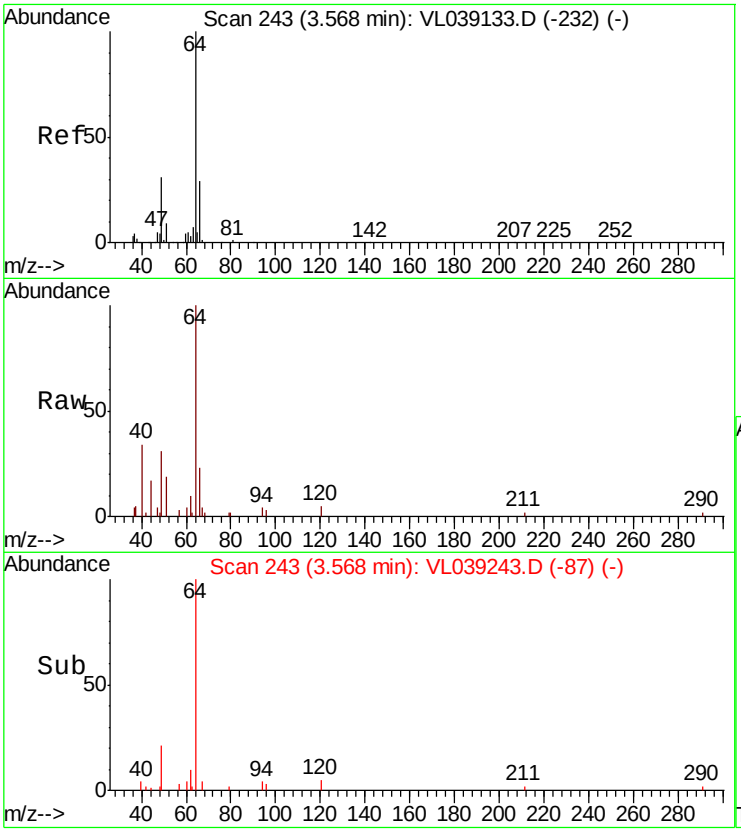




#6
Bromomethane
Concen: 0.575 ppbv
RT: 3.49 min Scan# 218
Delta R.T. 0.01 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 94 Resp: 16970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 81.7 | 73.0 | 109.4 |



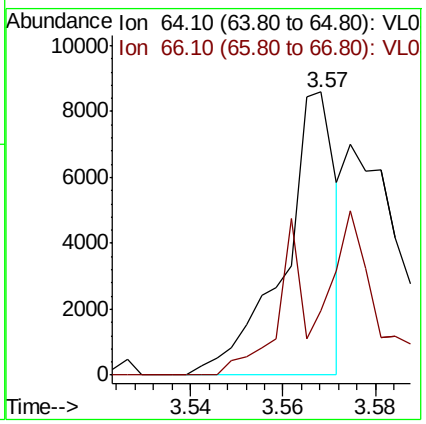


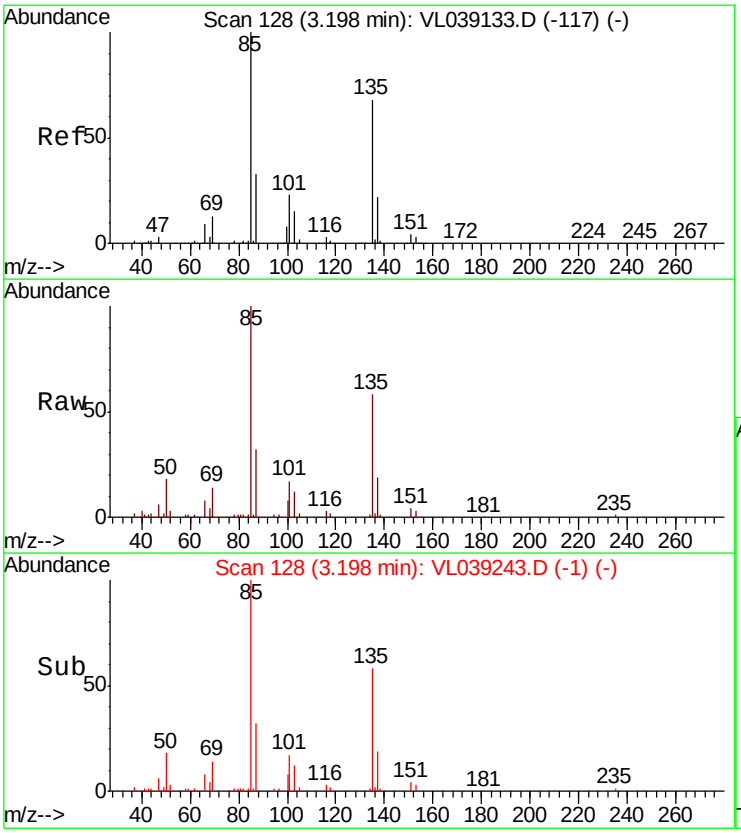

#7
Chloroethane
Concen: 0.319 ppbv
RT: 3.57
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 64 Resp: 6654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 22.9 | 23.6 | 35.4# |

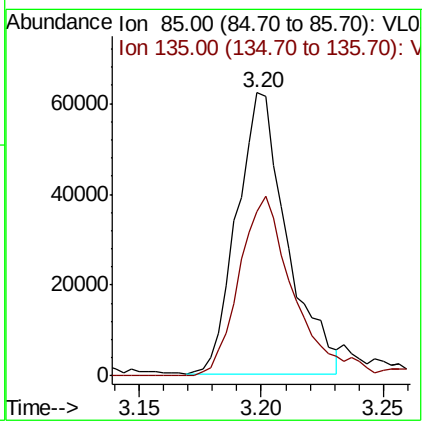


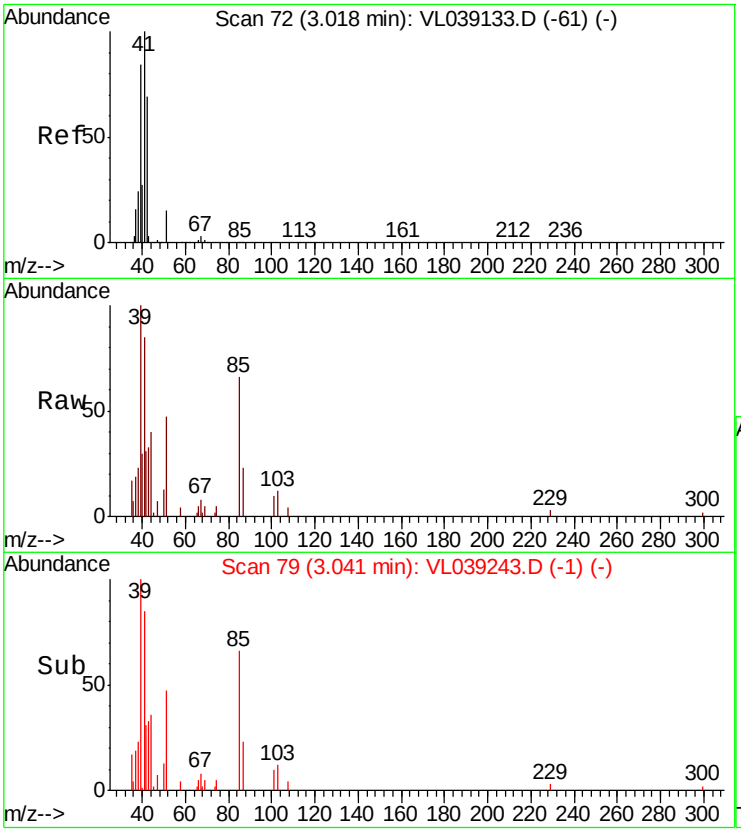




#8
Dichlorotetrafluoroethane
Concen: 0.564 ppbv
RT: 3.20 min Scan# 128
Delta R.T. 0.00 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 85 Resp: 88761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 135 | 73.0 | 55.0 | 82.4 |



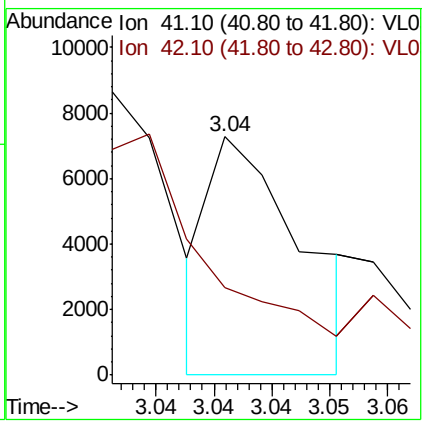


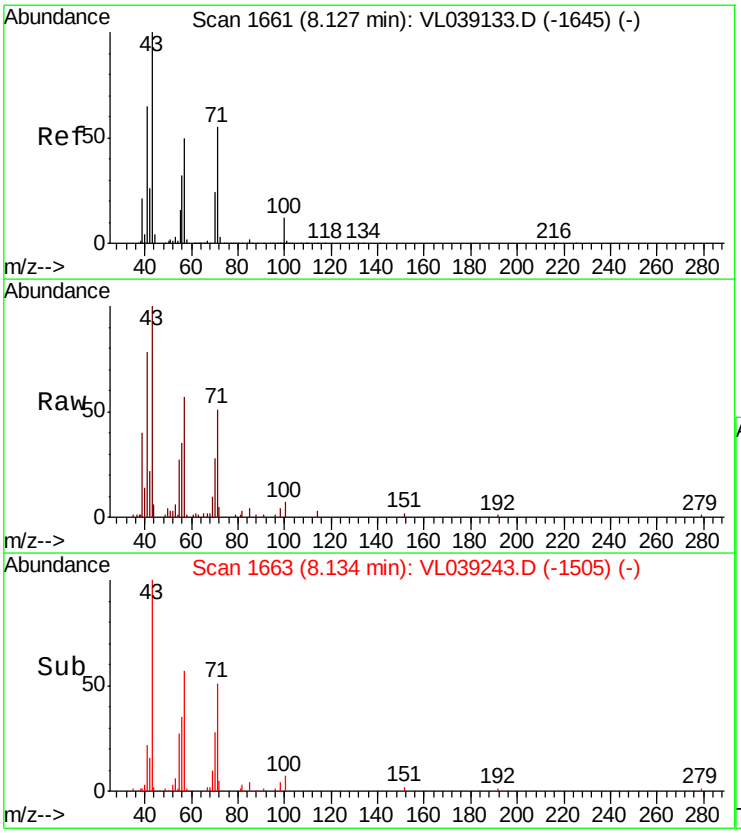

#9
Propene
Concen: 0.074 ppbv
RT: 3.04
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 41 Resp: 4019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 42 | 395.9 | 55.4 | 83.2# |

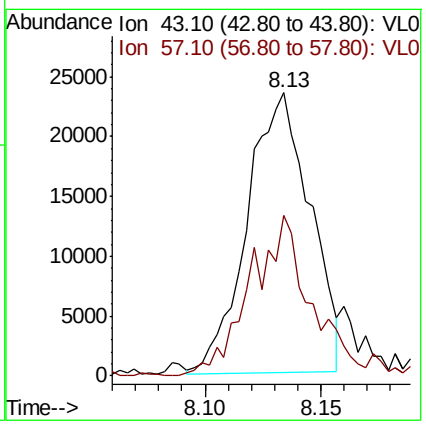


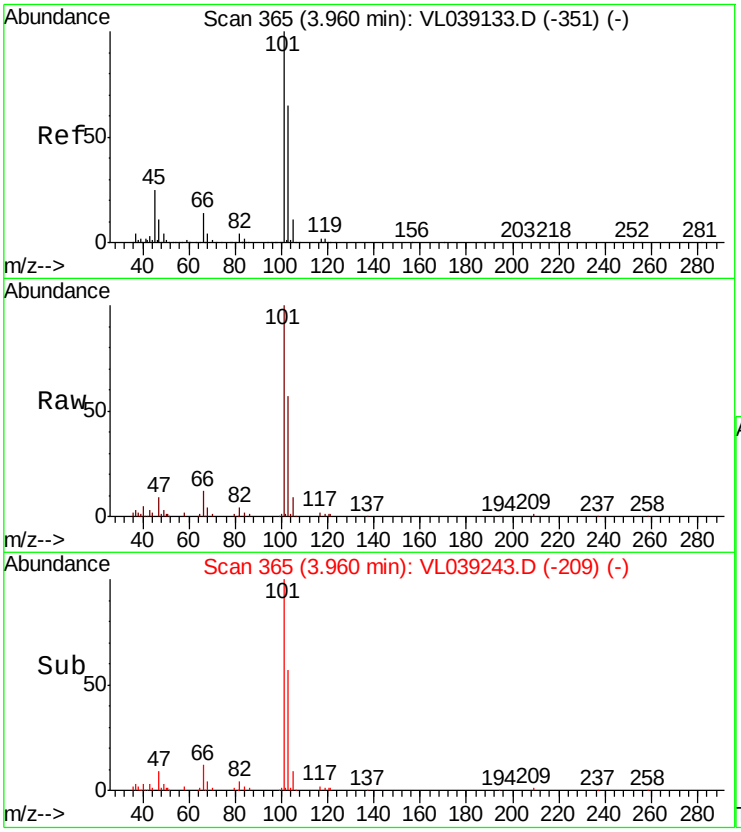




#10
Heptane
Concen: 0.349 ppbv
RT: 8.13 min Scan# 1663
Delta R.T. 0.01 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 43 Resp: 44285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 58.5 | 41.4 | 62.2 |



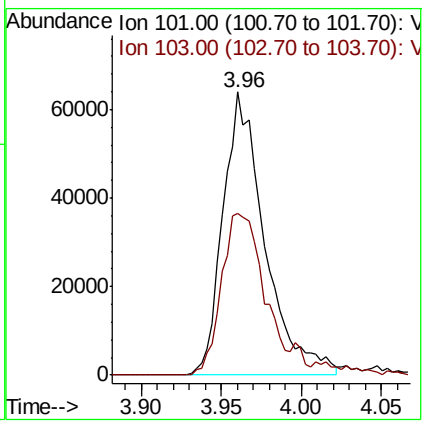


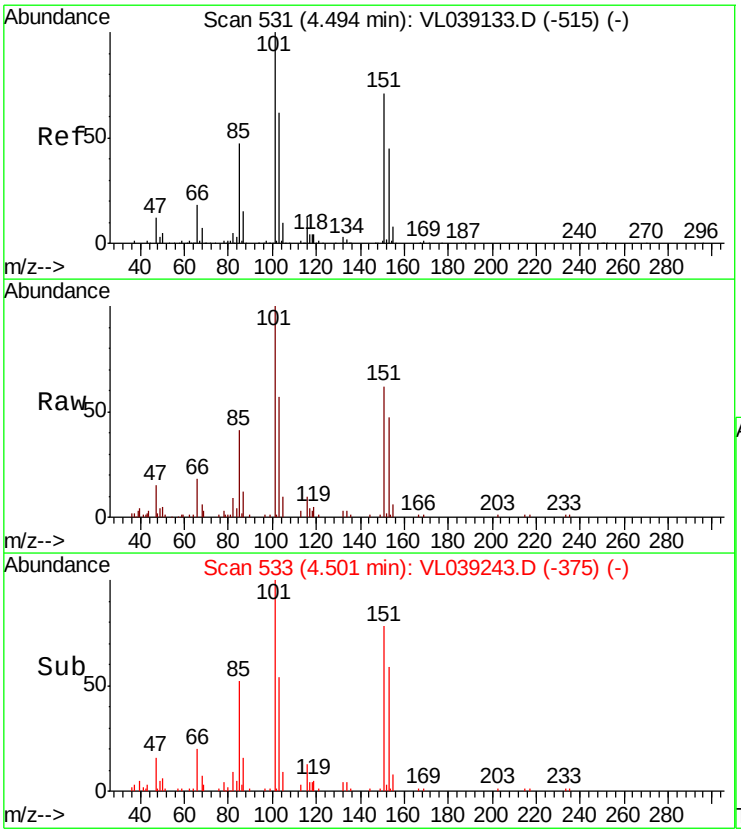

#11
Trichlorofluoromethane
Concen: 0.730 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:101 Resp: 113797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 57.1 | 51.7 | 77.5 |

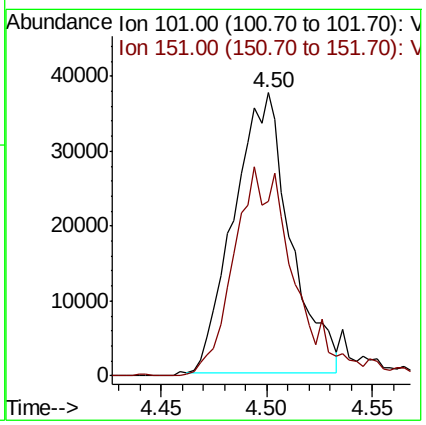


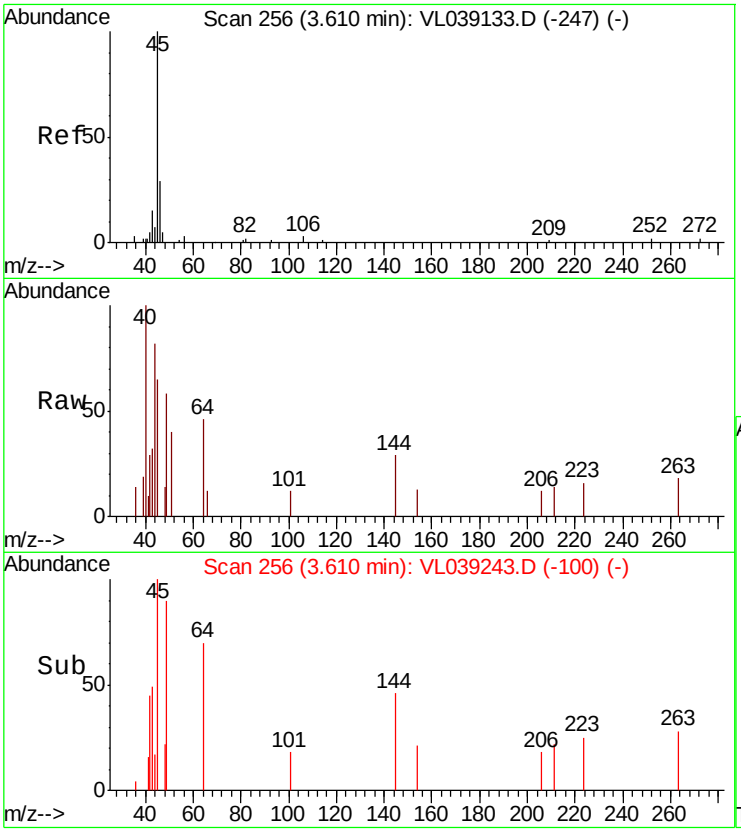




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.674 ppbv
RT: 4.50 min Scan# 533
Delta R.T. 0.01 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion:101 Resp: 69517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 151 | 79.6 | 59.4 | 89.0 |



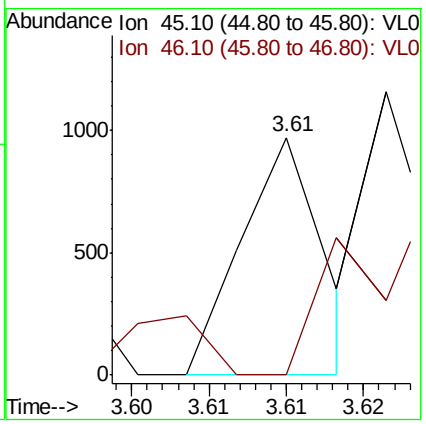


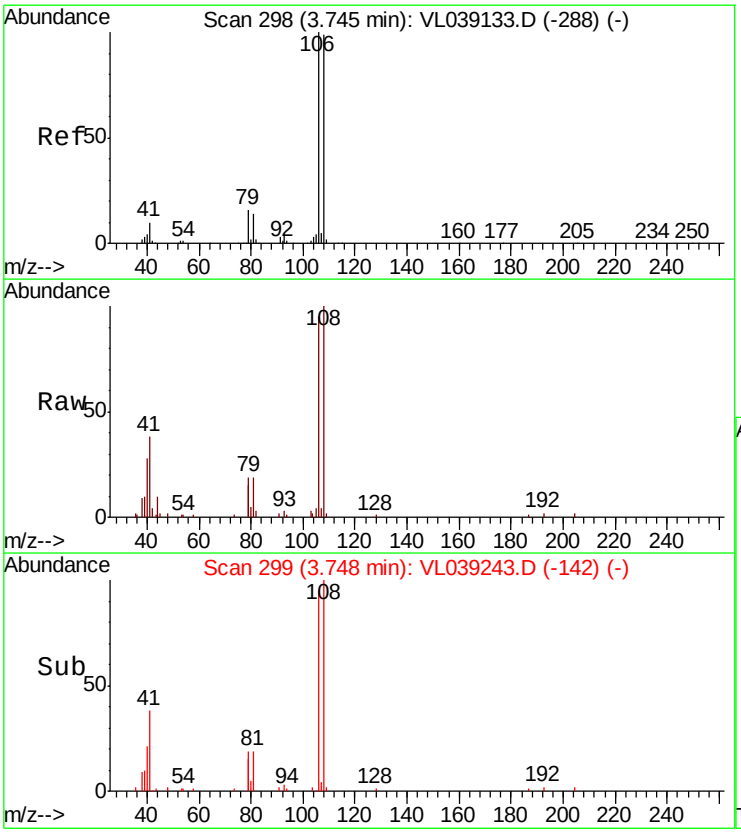

#13
Ethanol
Concen: 0.119 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 45 Resp: 354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 46 | 0.0 | 0.0 | 0.0 |

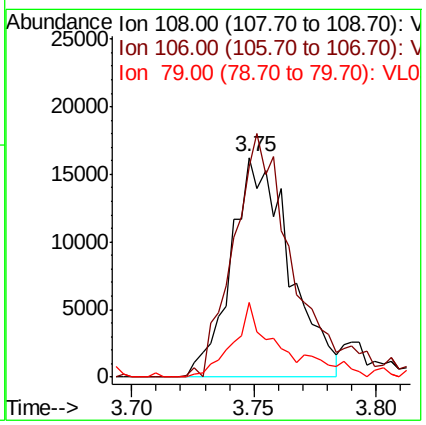


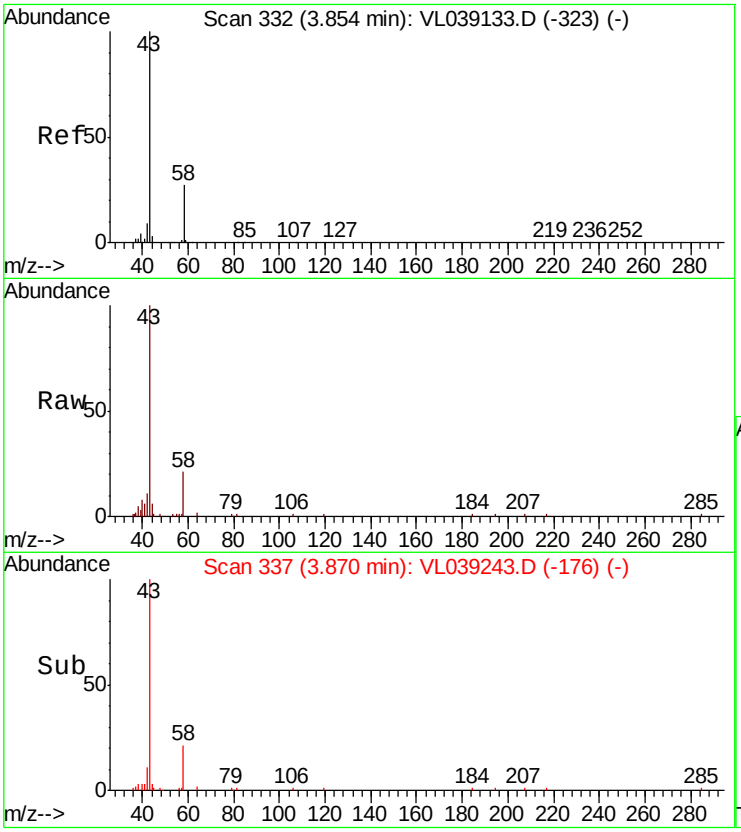




#14
Bromoethene
Concen: 0.583 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.00 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion:108 Resp: 27038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 106 | 119.7 | 88.4 | 132.6 |
| 79 | 28.3 | 13.4 | 20.2# |



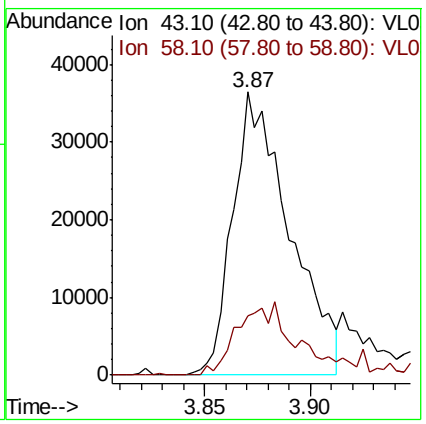


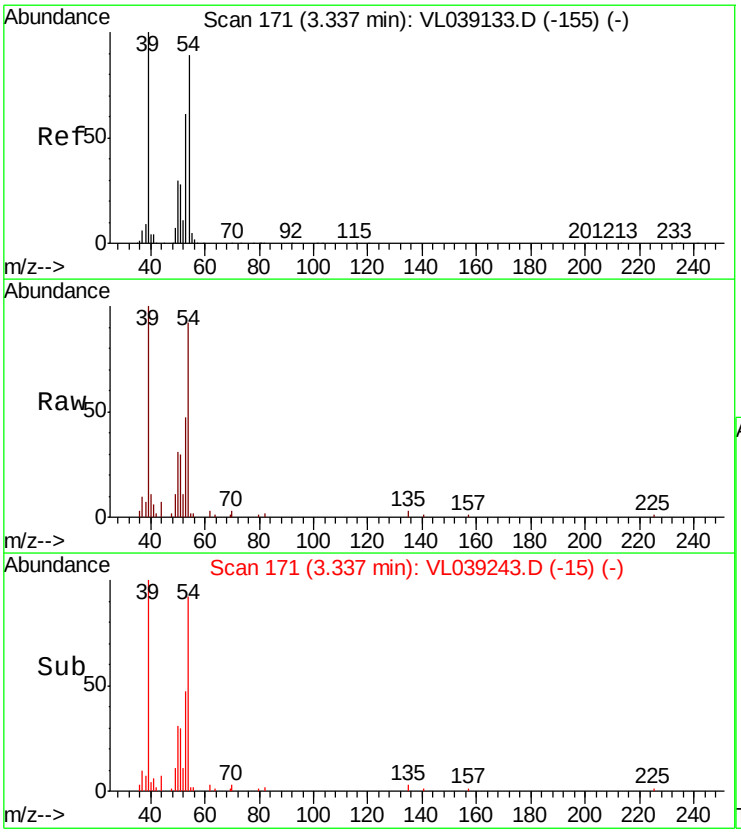

#15
Acetone
Concen: 0.670 ppbv
RT: 3.87
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 43 Resp: 68450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.8 | 22.5 | 33.7 |

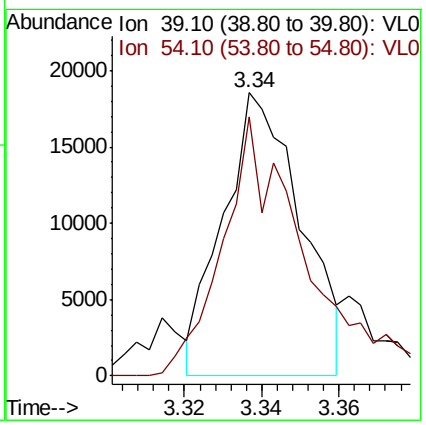


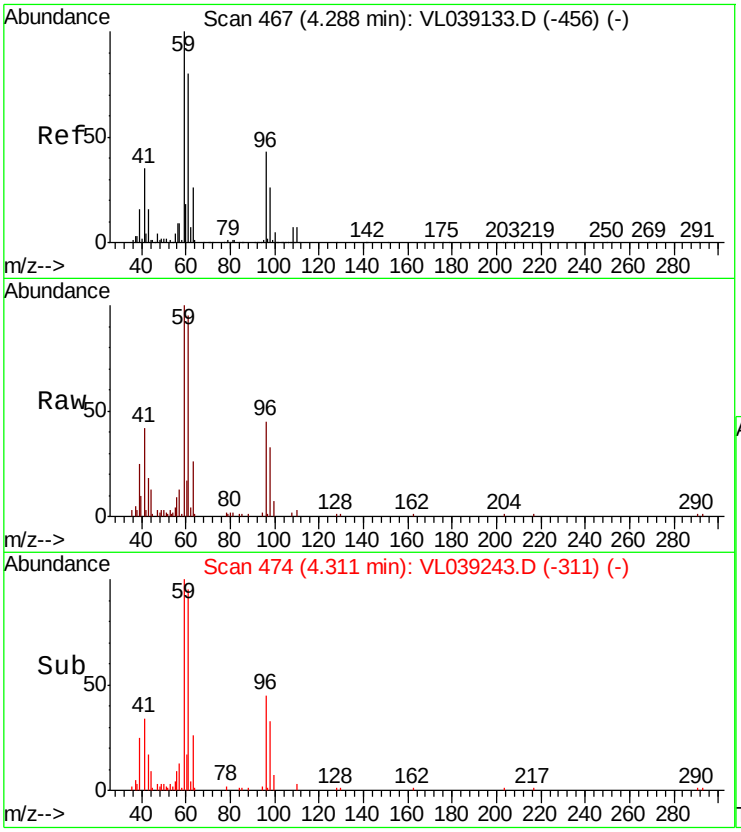




#16
1,3-Butadiene
Concen: 0.470 ppbv
RT: 3.34 min Scan# 171
Delta R.T. 0.00 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 39 Resp: 25817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 39 | 100 | | |
| 54 | 101.0 | 65.8 | 98.6# |



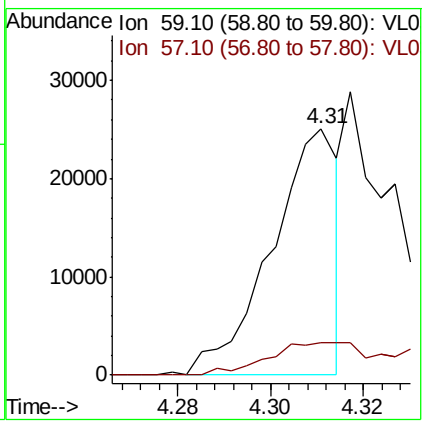


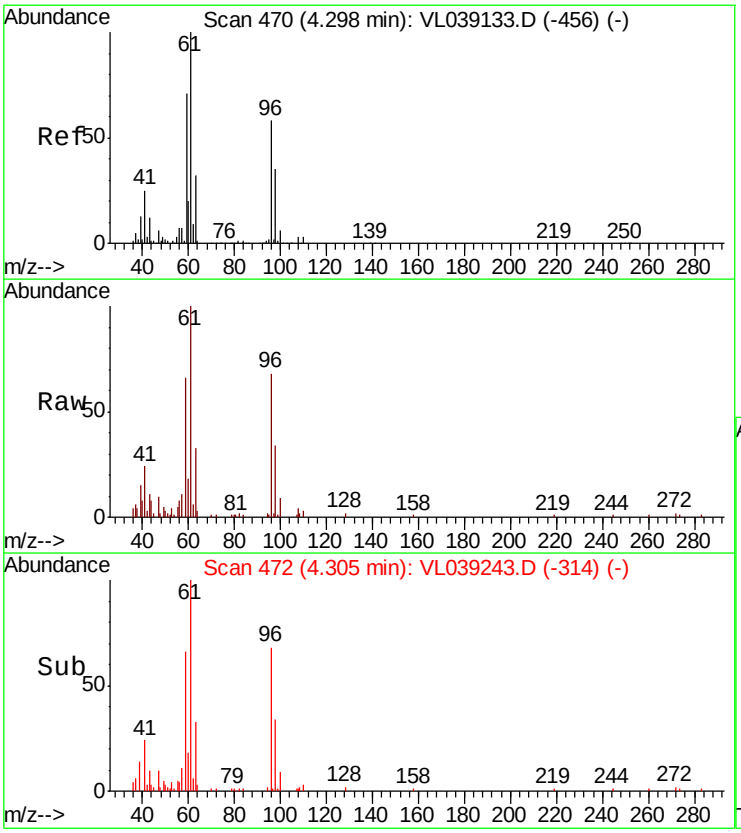

#17
tert-Butyl alcohol
Concen: 0.314 ppbv
RT: 4.31
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 59 Resp: 24898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 9.1 | 13.7# |

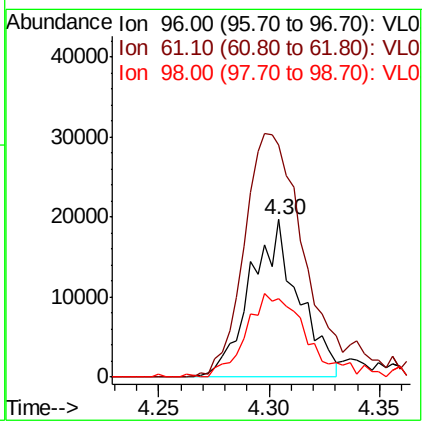


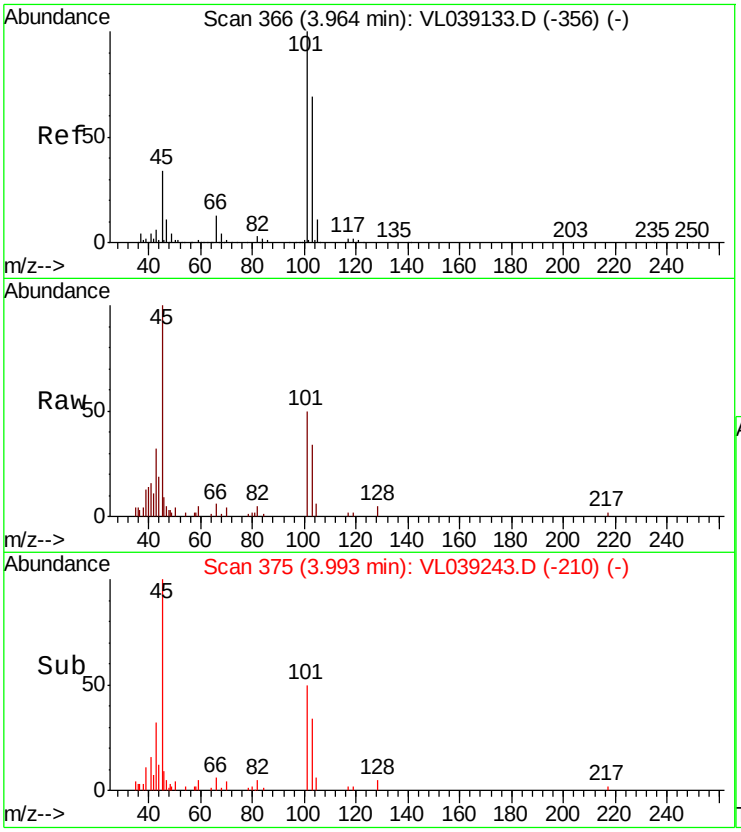




#18
1,1-Dichloroethene
Concen: 0.649 ppbv
RT: 4.30 min Scan# 472
Delta R.T. 0.01 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 96 Resp: 30044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 146.9 | 138.4 | 207.6 |
| 98 | 47.6 | 47.8 | 71.8# |



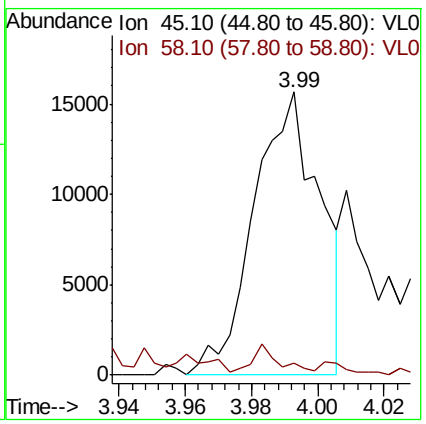


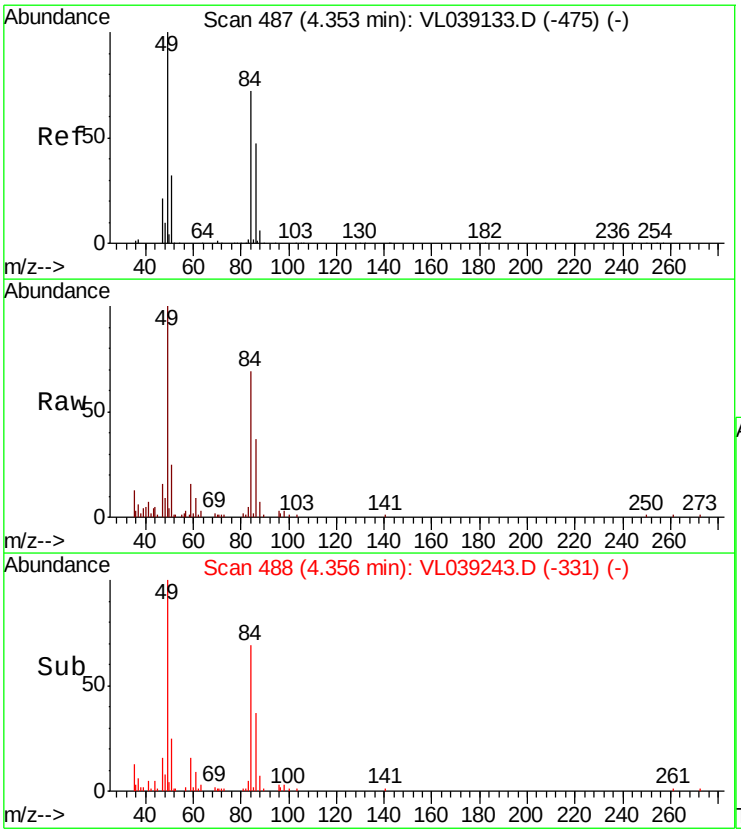

#19
Isopropyl Alcohol
Concen: 0.452 ppbv
RT: 3.99
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 45 Resp: 21684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 58 | 6.4 | 1.8 | 2.8# |

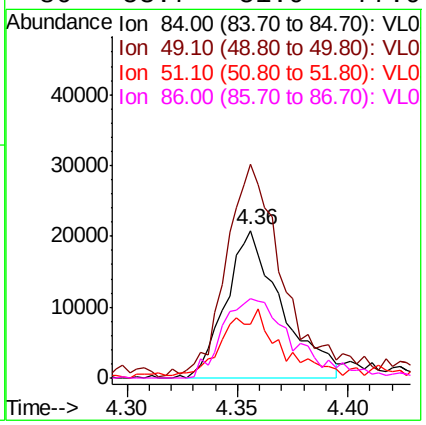


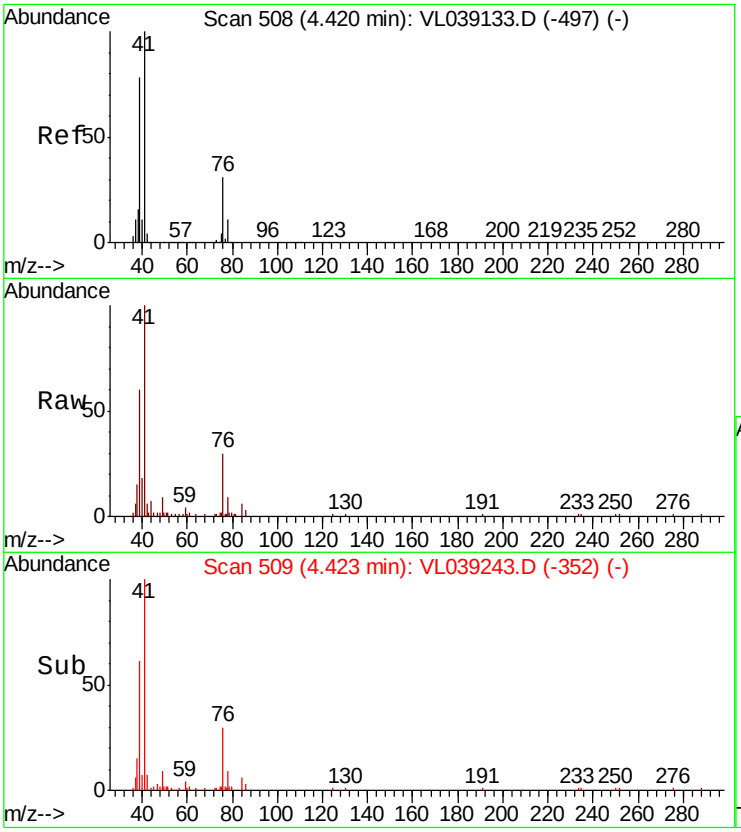




#20
Methylene Chloride
Concen: 0.841 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.00 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 84 Resp: 36241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 138.3 | 111.1 | 166.7 |
| 51 | 32.7 | 35.3 | 52.9# |
| 86 | 53.7 | 51.9 | 77.9 |



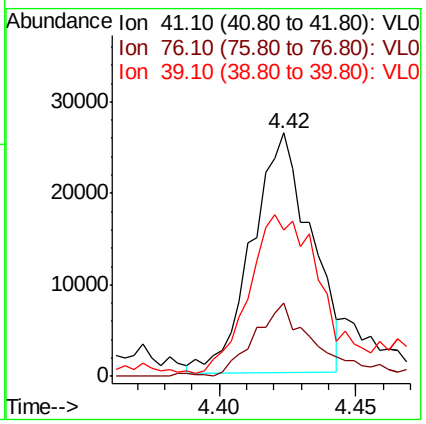


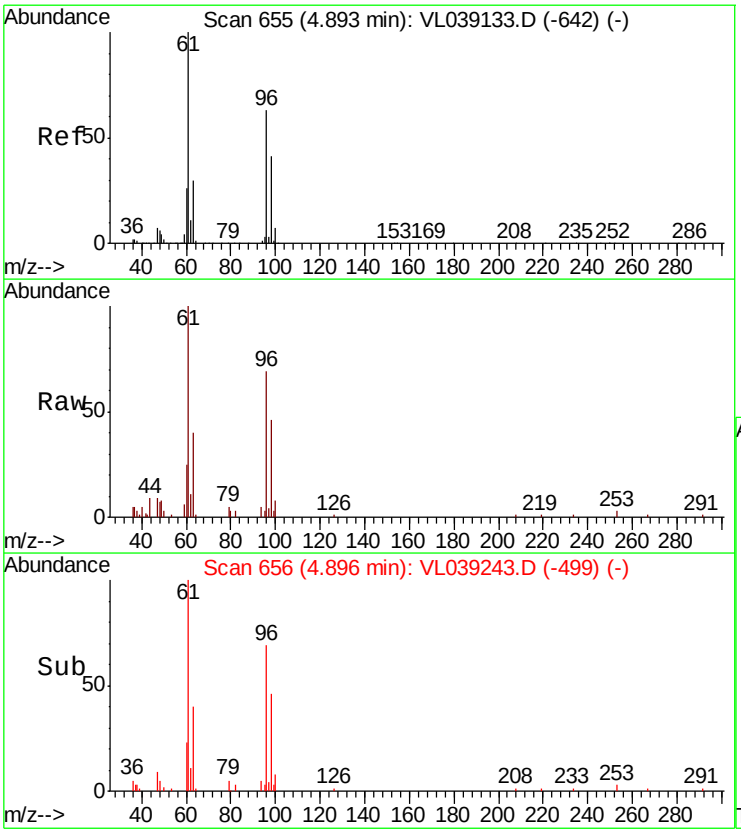

#21
Allvl Chloride
Concen: 0.568 ppbv
RT: 4.42
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 41 Resp: 39140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 76 | 33.9 | 24.2 | 36.2 |
| 39 | 99.5 | 62.2 | 93.2# |

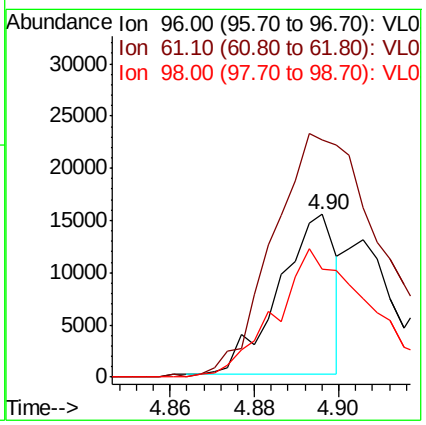


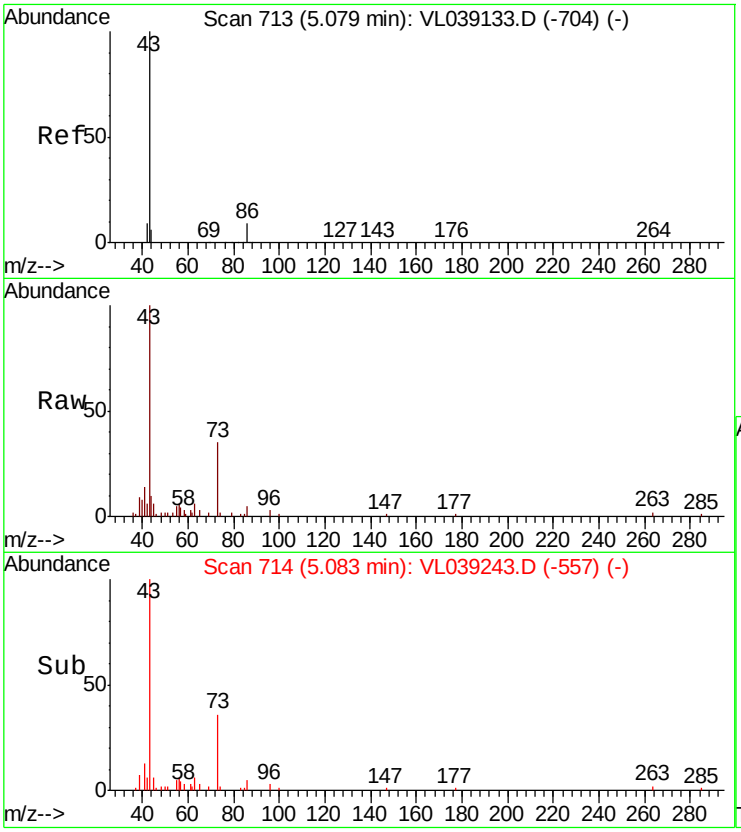




#22
trans-1,2-Dichloroethene
Concen: 0.323 ppbv
RT: 4.90 min Scan# 656
Delta R.T. 0.00 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 96 Resp: 14366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 148.5 | 126.6 | 190.0 |
| 98 | 67.7 | 52.5 | 78.7 |



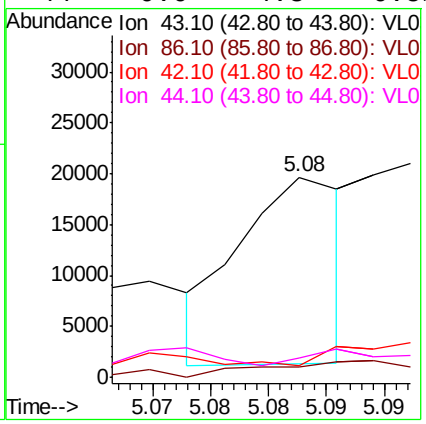


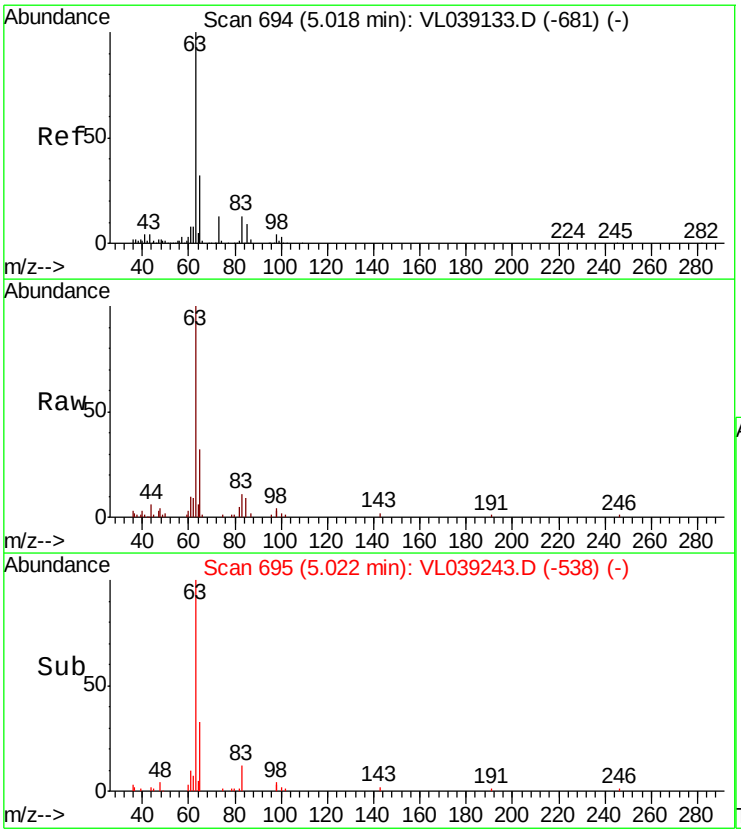

#23
Vinyl Acetate
Concen: 0.137 ppbv
RT: 5.08
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 43 Resp: 11625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 8.9 | 6.0 | 9.0 |
| 42 | 0.0 | 8.2 | 12.4# |
| 44 | 0.0 | 4.3 | 6.5# |

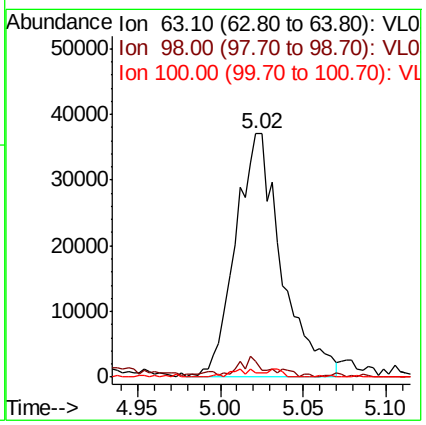


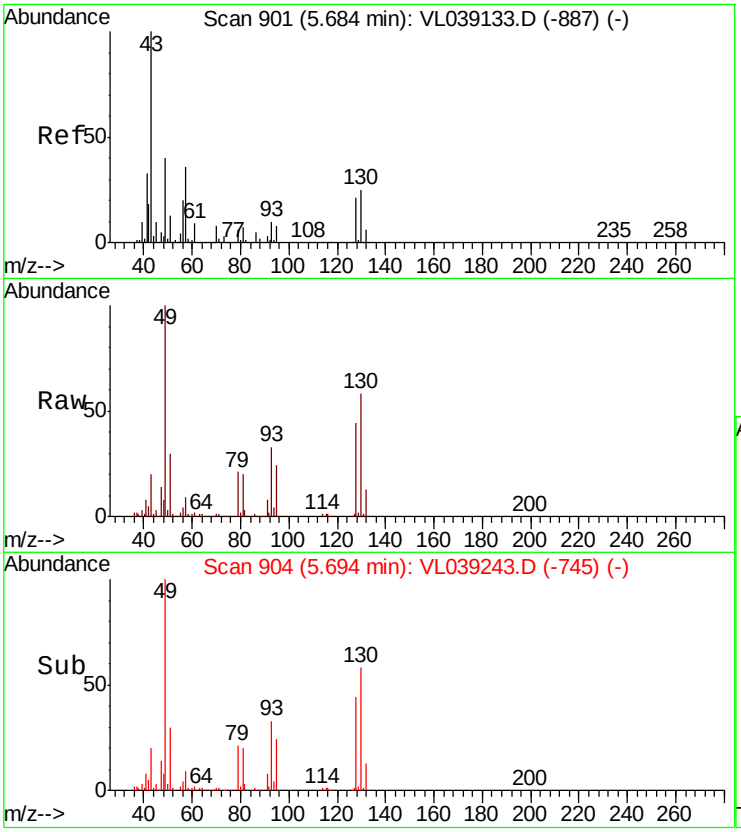




#24
1,1-Dichloroethane
Concen: 0.618 ppbv
RT: 5.02 min Scan# 695
Delta R.T. 0.00 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 63 Resp: 71608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 5.3 | 2.1 | 6.2 |
| 100 | 1.9 | 1.5 | 4.5 |



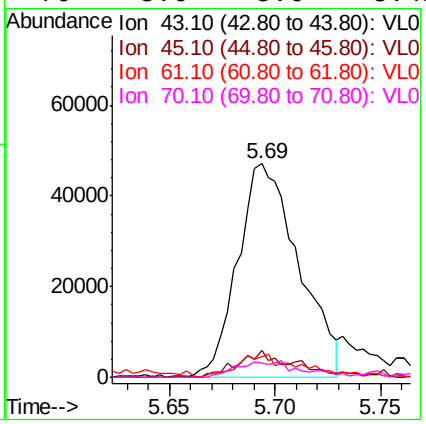


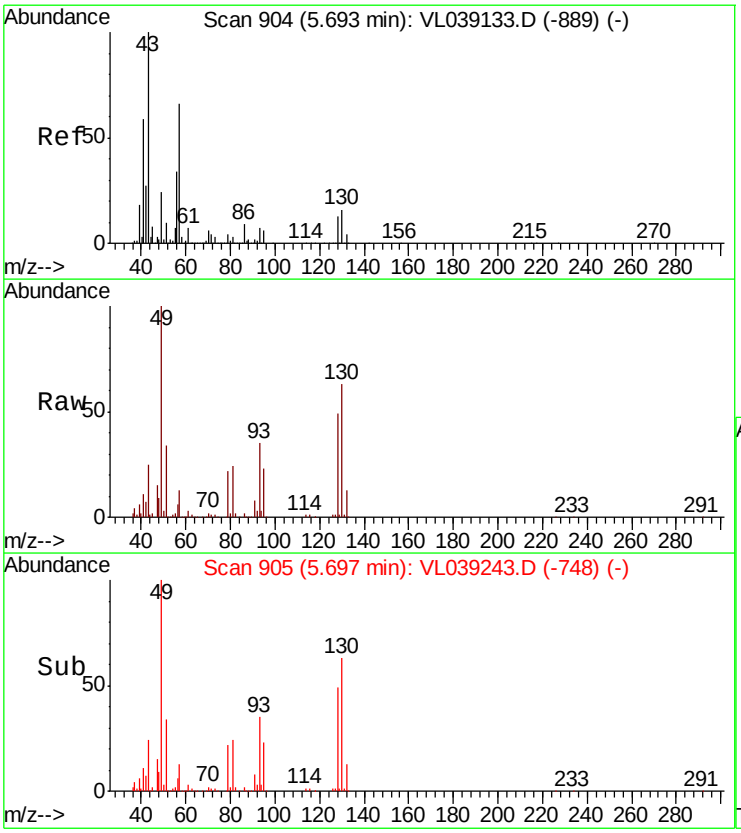

#25
Ethyl Acetate
Concen: 0.410 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 43 Resp: 94487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 12.6 | 8.2 | 12.2# |
| 61 | 12.1 | 8.4 | 12.6 |
| 70 | 8.6 | 5.6 | 8.4# |

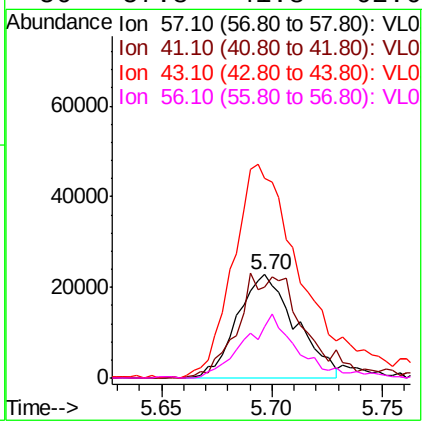


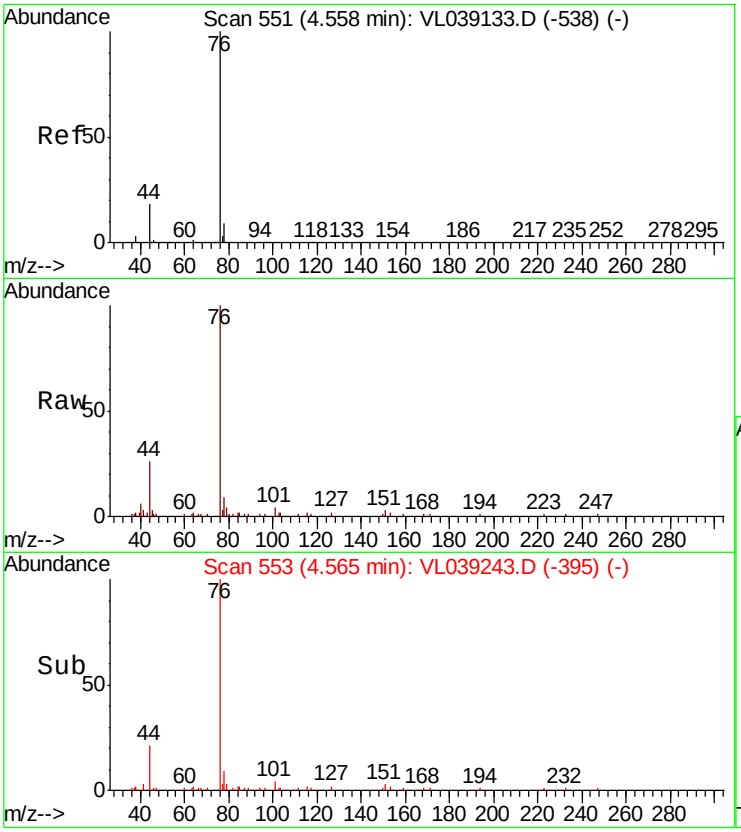




#26
Hexane
Concen: 0.416 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.00 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 57 Resp: 42142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 119.4 | 72.4 | 108.6# |
| 43 | 260.8 | 187.0 | 280.6 |
| 56 | 57.8 | 41.8 | 62.6 |



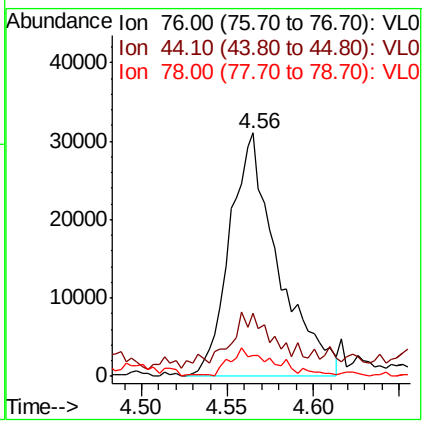


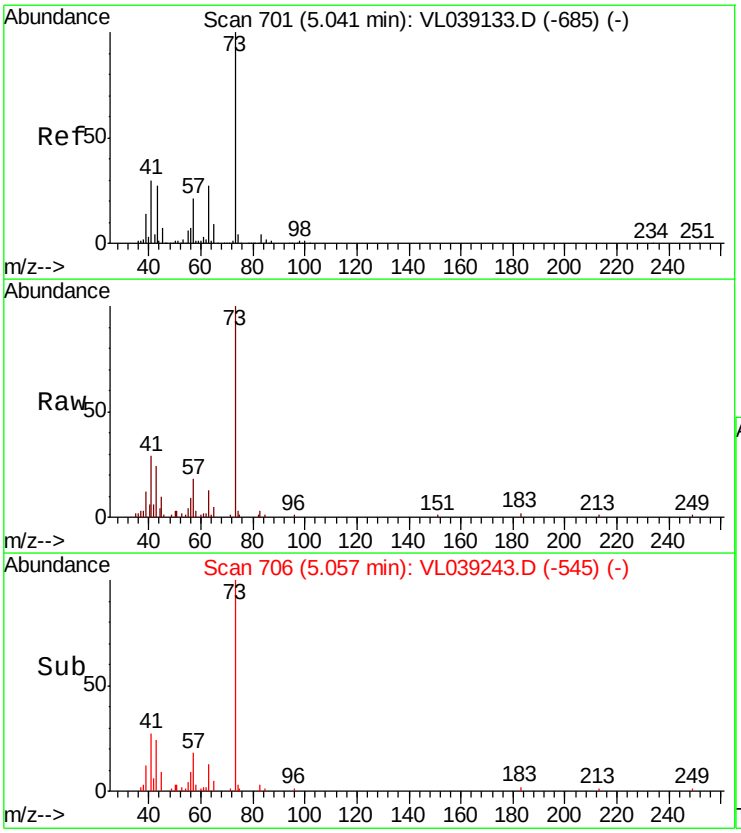

#27
Carbon Disulfide
Concen: 0.582 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 76 Resp: 61089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 44 | 30.4 | 14.4 | 21.6# |
| 78 | 12.5 | 7.7 | 11.5# |

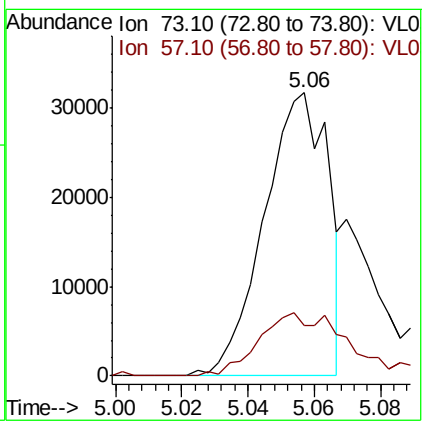


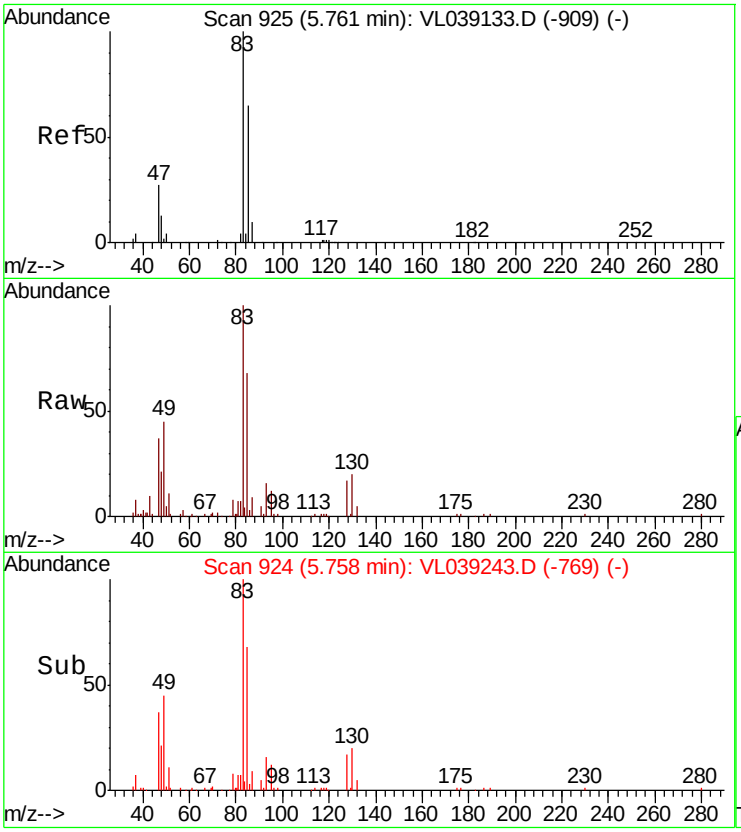




#28
Methyl tert-Butyl Ether
Concen: 0.382 ppbv
RT: 5.06 min Scan# 706
Delta R.T. 0.02 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 73 Resp: 42741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 33.3 | 18.6 | 27.8# |



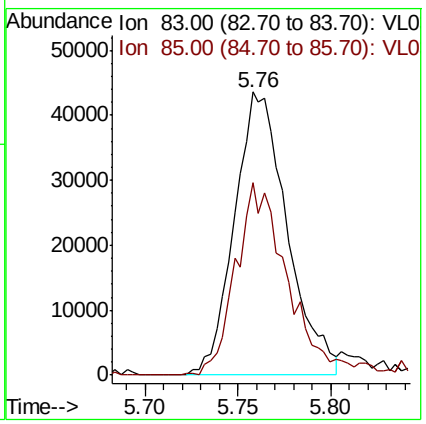


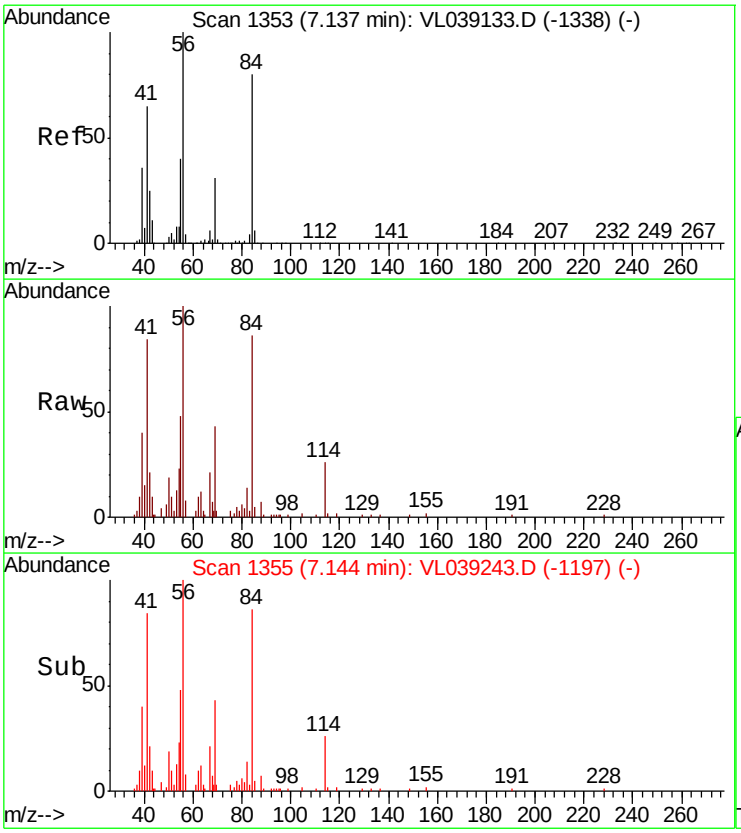

#29
Chloroform
Concen: 0.507 ppbv
RT: 5.76
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 83 Resp: 86303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 67.5 | 52.4 | 78.6 |

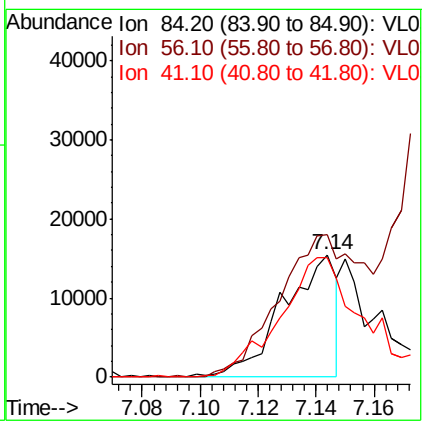


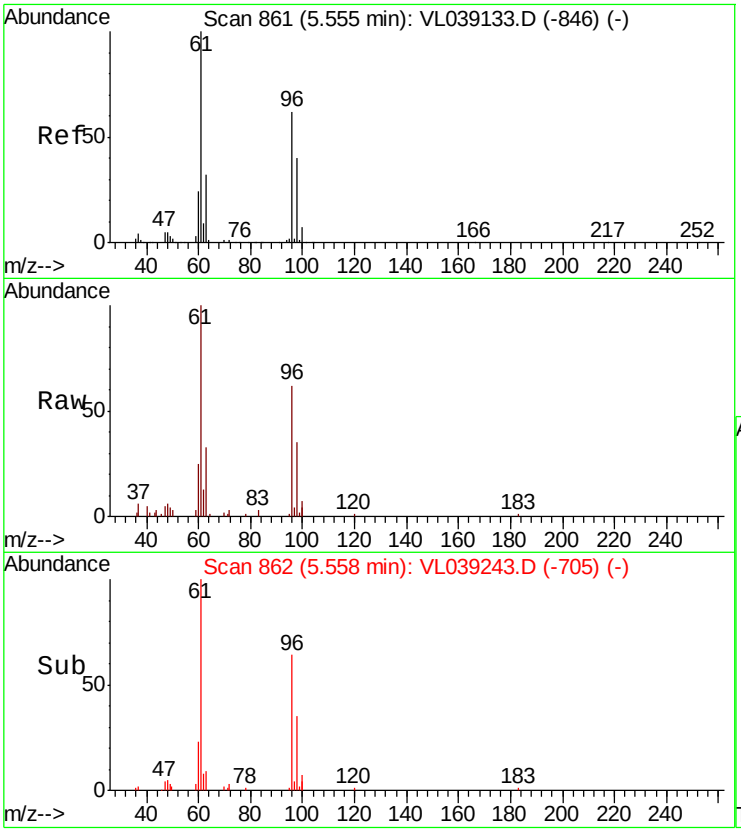




#30
Cyclohexane
Concen: 0.231 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. 0.01 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 84 Resp: 19644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 56 | 0.0 | 110.6 | 165.8# |
| 41 | 161.2 | 68.9 | 103.3# |



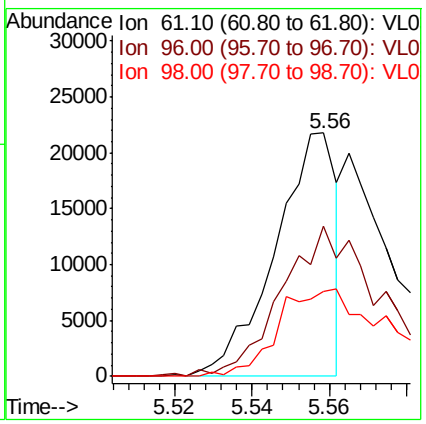


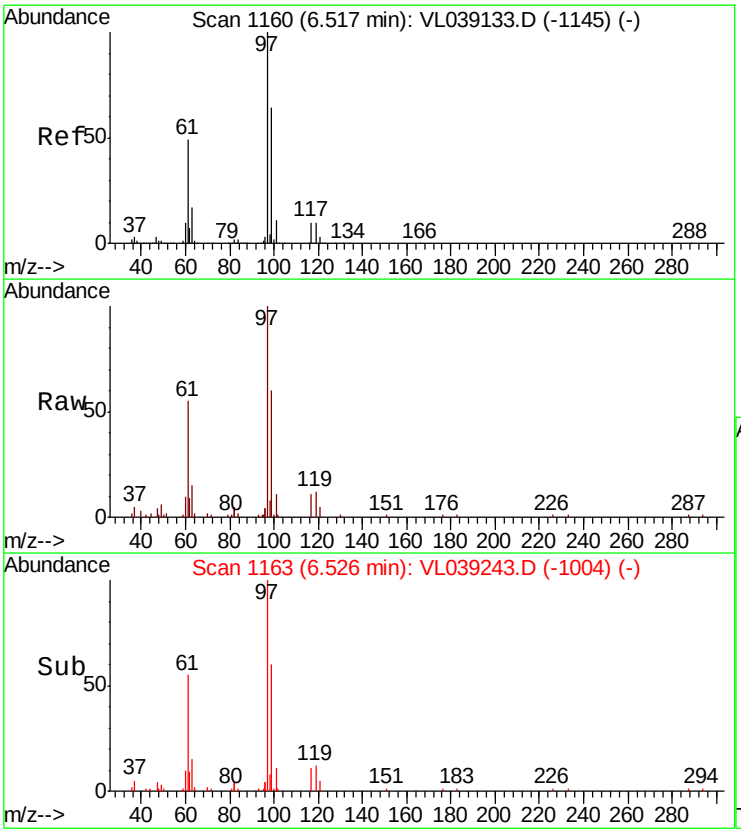

#31
cis-1,2-Dichloroethene
Concen: 0.232 ppbv
RT: 5.56
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 61 Resp: 23953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 61 | 100 | | |
| 96 | 61.7 | 49.9 | 74.9 |
| 98 | 35.0 | 32.0 | 48.0 |

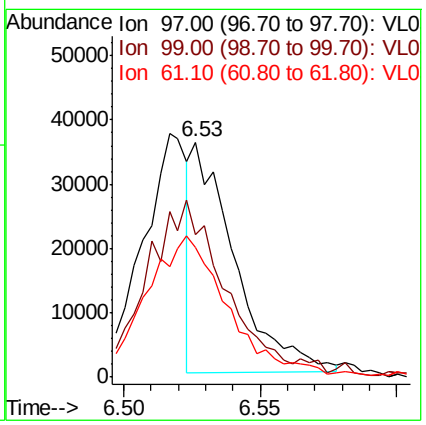


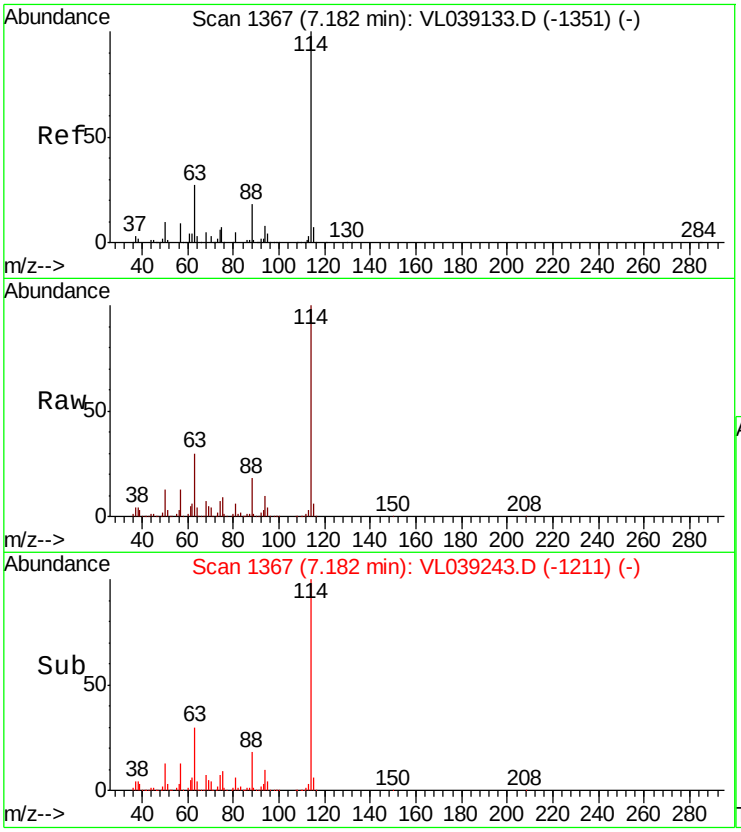




#32
1,1,1-Trichloroethane
Concen: 0.234 ppbv
RT: 6.53 min Scan# 1163
Delta R.T. 0.01 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 97 Resp: 38988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 149.4 | 52.1 | 78.1# |
| 61 | 121.2 | 40.0 | 60.0# |



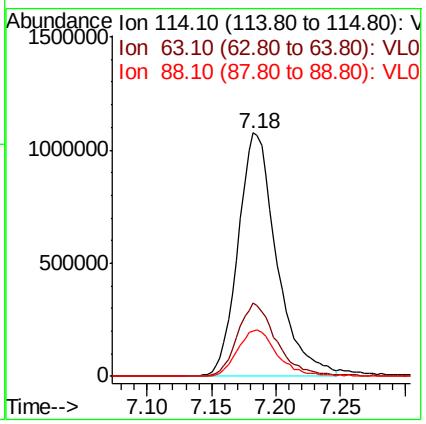


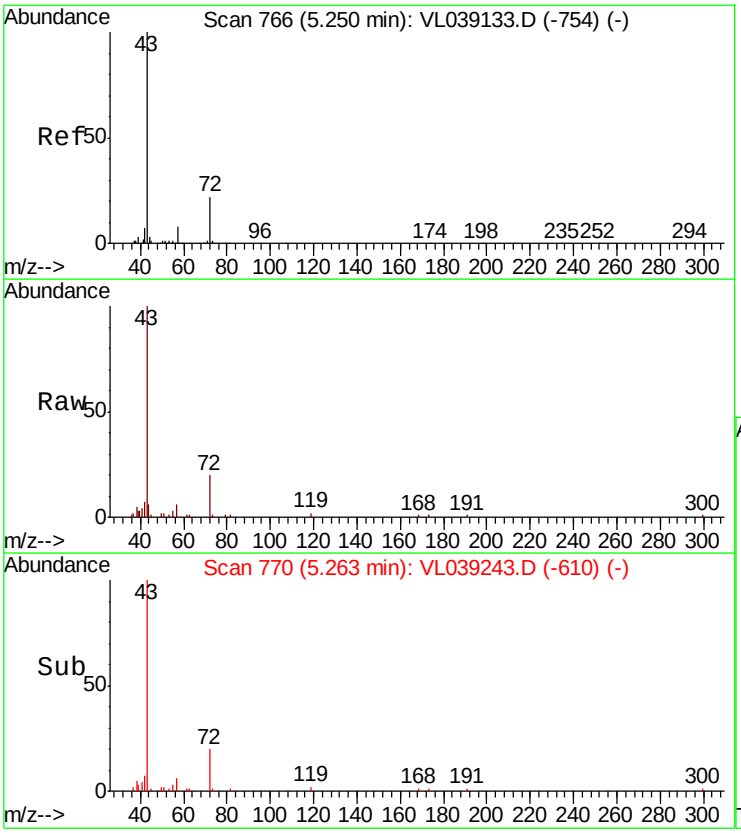

#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:114 Resp: 2245021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 30.7 | 21.7 | 32.5 |
| 88 | 19.8 | 14.8 | 22.2 |

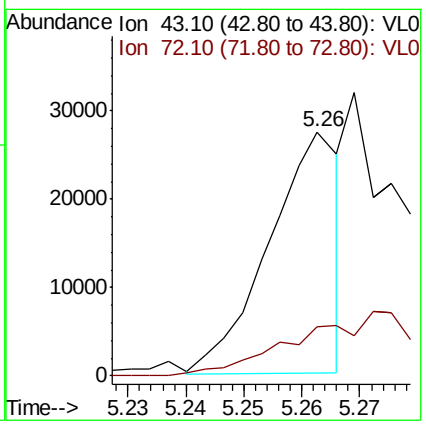


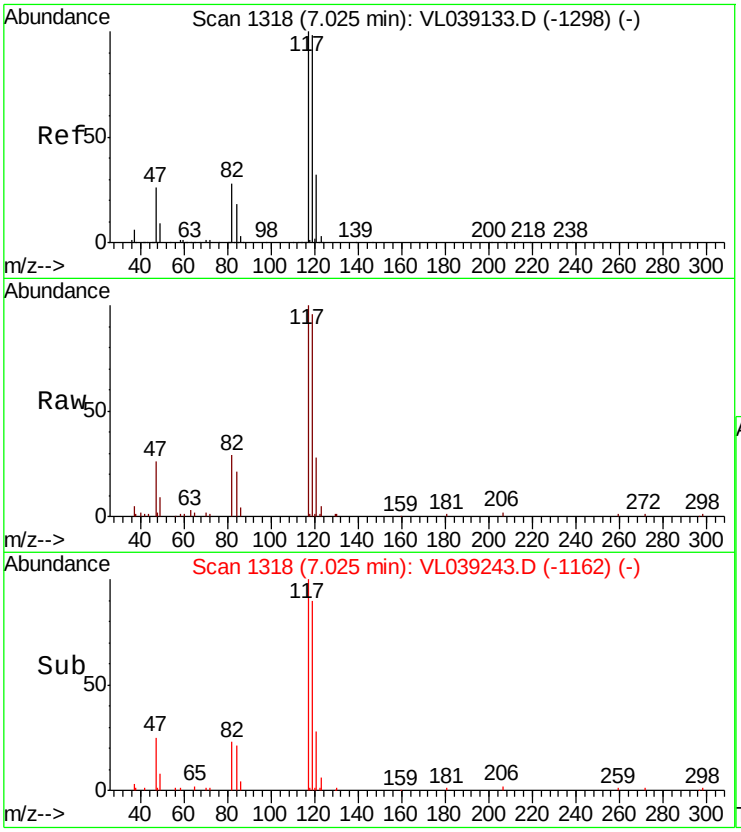




#34
2-Butanone
Concen: 0.189 ppbv
RT: 5.26 min Scan# 770
Delta R.T. 0.01 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 43 Resp: 23101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 18.2 | 27.2# |



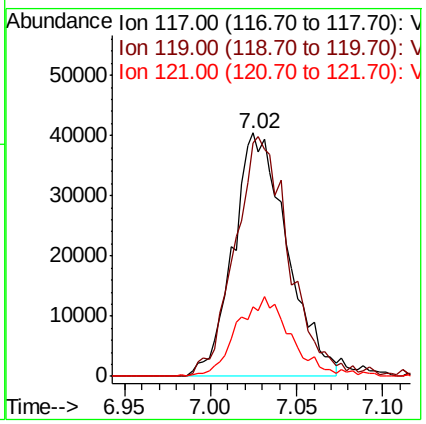


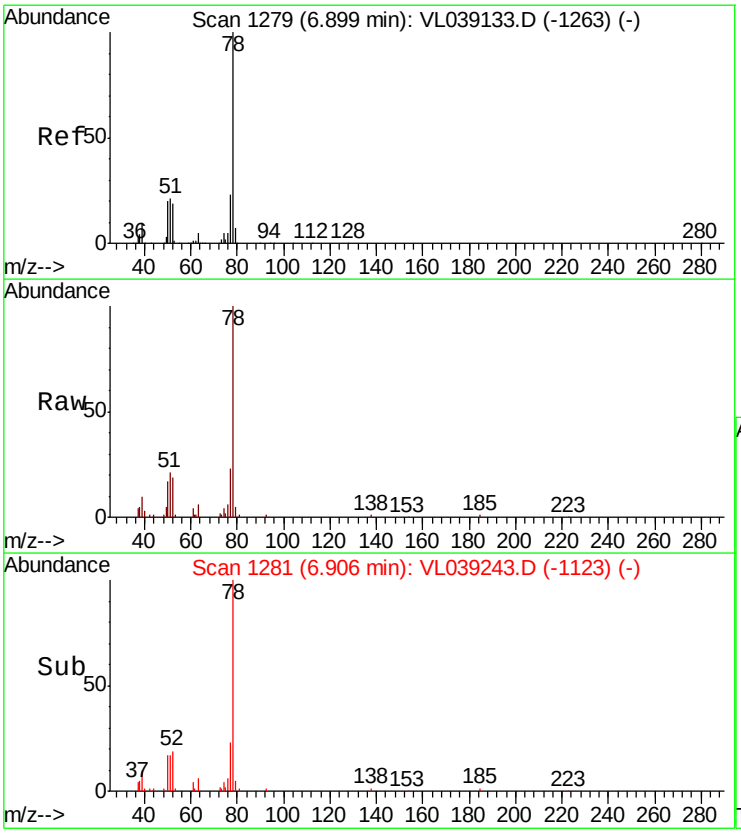

#35
Carbon Tetrachloride
Concen: 0.535 ppbv
RT: 7.02
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:117 Resp: 87689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.2 | 78.6 | 118.0 |
| 121 | 27.9 | 25.4 | 38.0 |

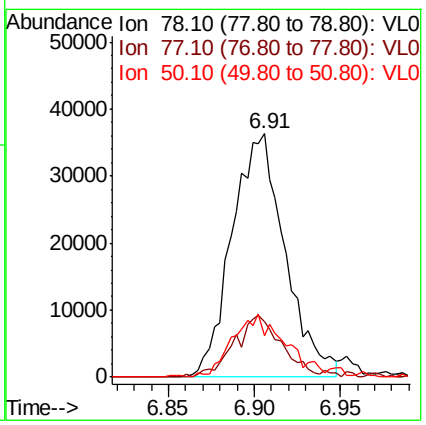


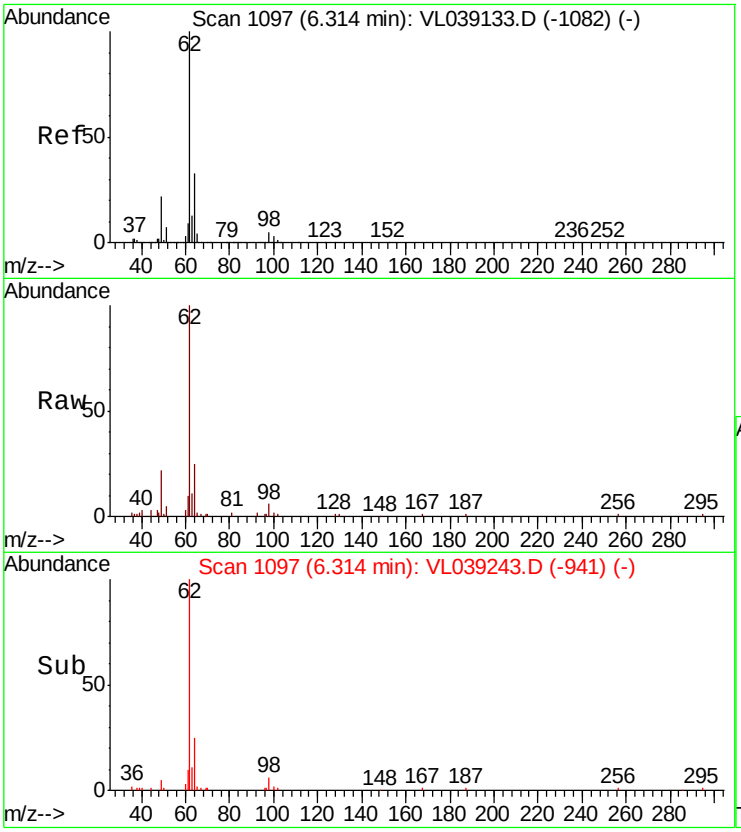




#36
Benzene
Concen: 0.427 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. 0.01 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 78 Resp: 77860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 21.6 | 18.6 | 27.8 |
| 50 | 16.2 | 15.8 | 23.8 |



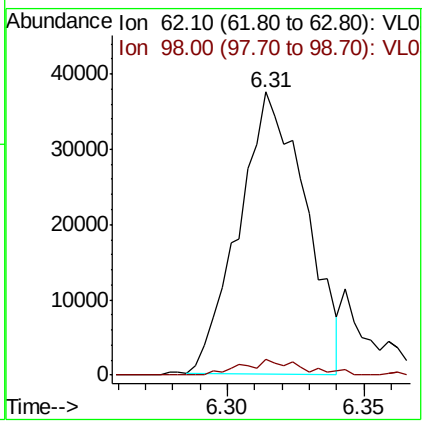


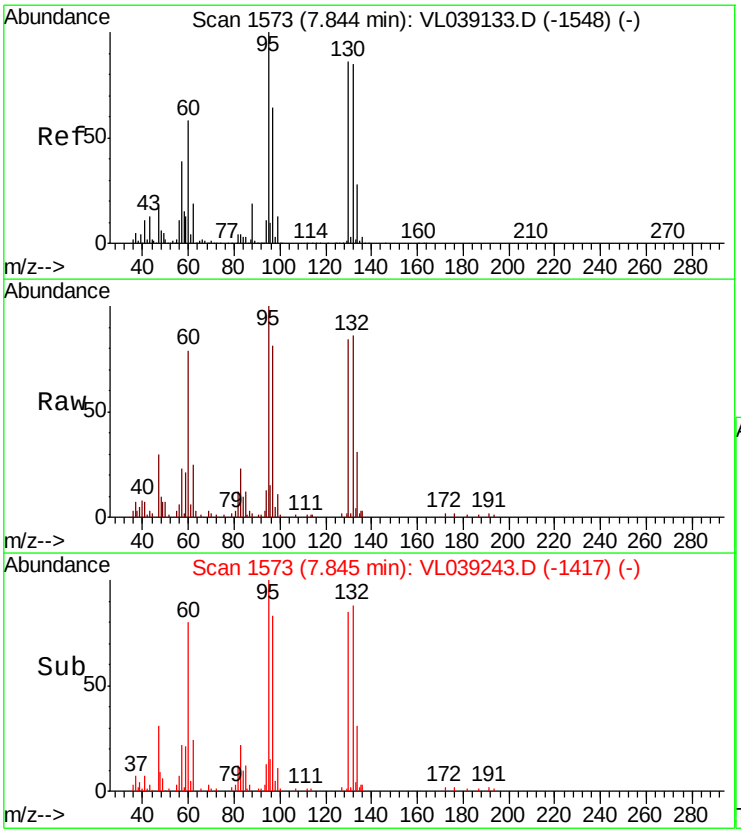

#37
1,2-Dichloroethane
Concen: 0.531 ppbv
RT: 6.31
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 62 Resp: 63651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 5.4 | 4.3 | 6.5 |

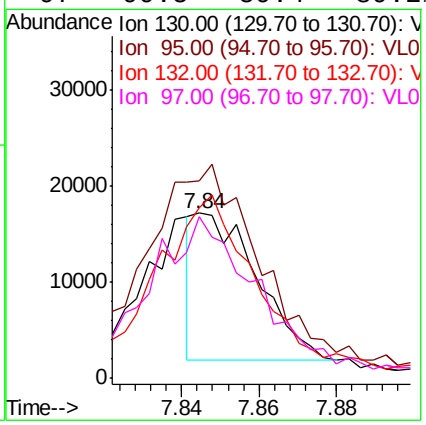


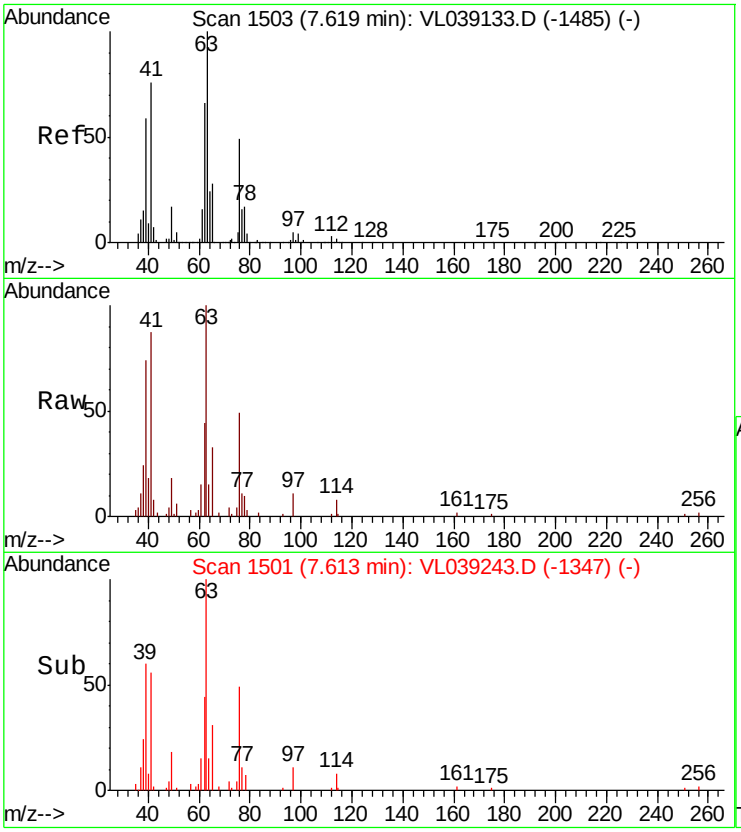




#38
Trichloroethene
Concen: 0.205 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion:130 Resp: 17167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 116.9 | 93.3 | 139.9 |
| 132 | 99.5 | 79.0 | 118.4 |
| 97 | 99.5 | 59.4 | 89.2# |



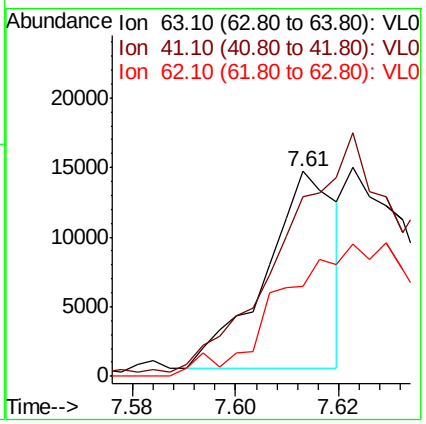


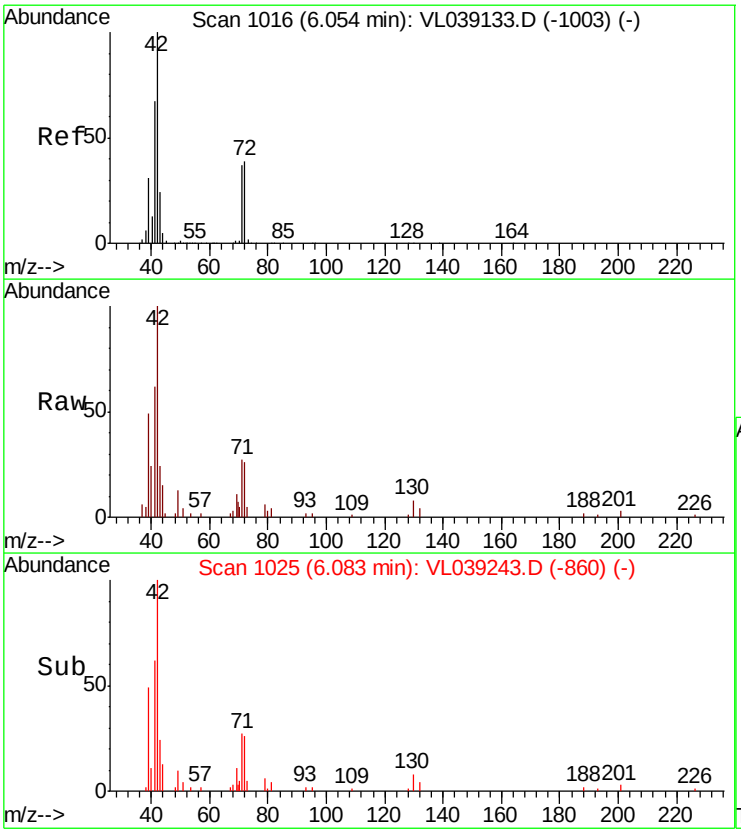

#39
1,2-Dichloropropane
Concen: 0.184 ppbv
RT: 7.61
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 63 Resp: 13371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 41 | 73.3 | 60.8 | 91.2 |
| 62 | 35.8 | 52.9 | 79.3# |

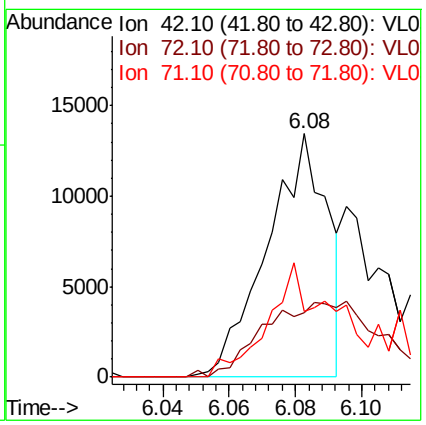


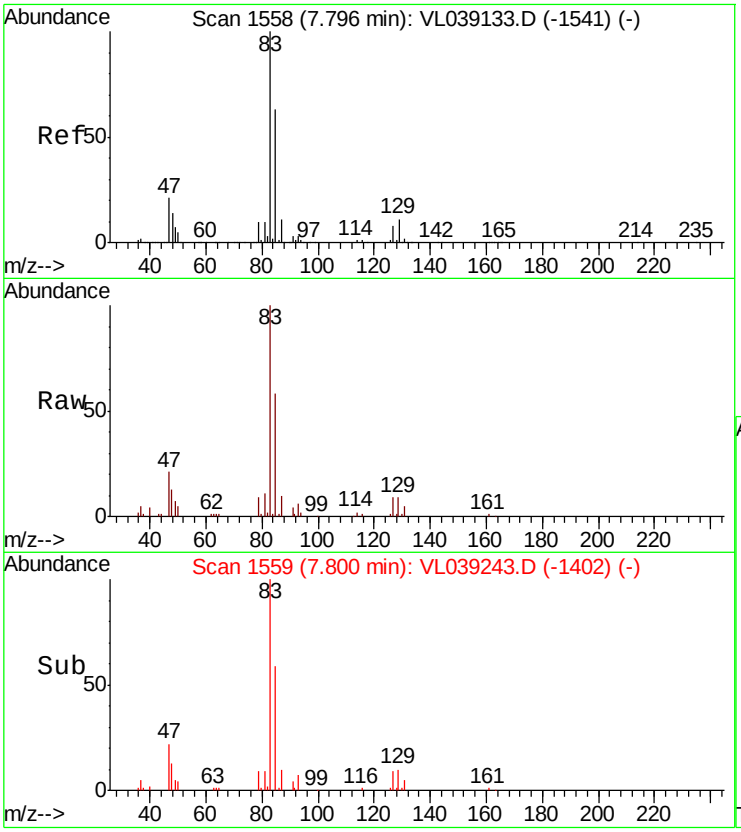




#41
Tetrahydrofuran
Concen: 0.233 ppbv
RT: 6.08 min Scan# 1025
Delta R.T. 0.03 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 42 Resp: 17065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 0.0 | 32.0 | 48.0# |
| 71 | 72.4 | 31.1 | 46.7# |



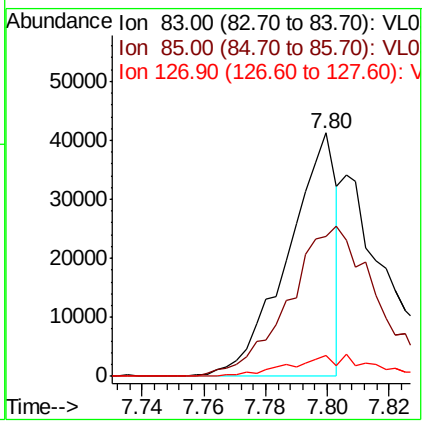


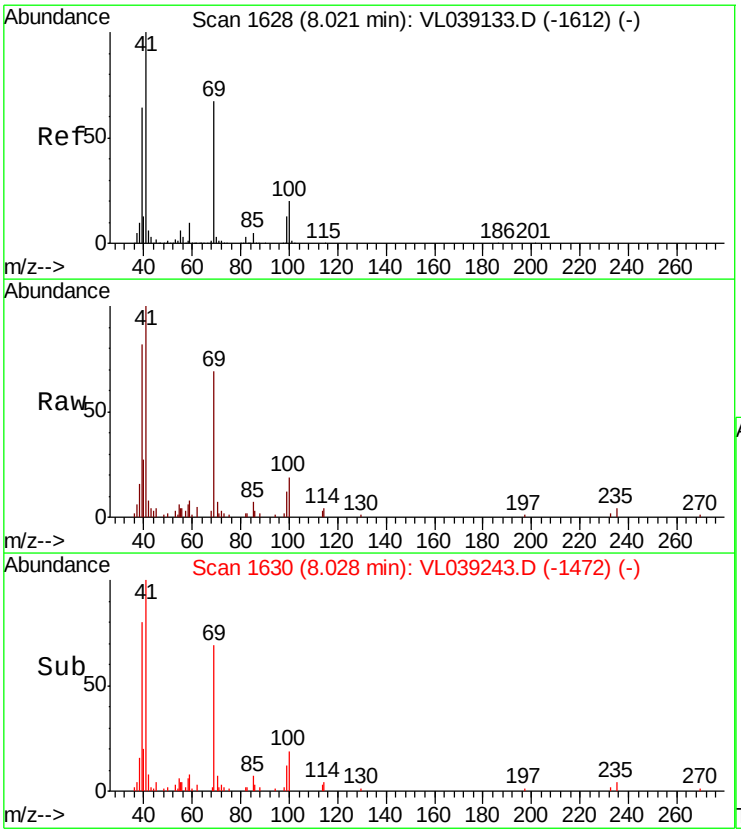

#42
Bromodichloromethane
Concen: 0.269 ppbv
RT: 7.80
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 83 Resp: 44858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 57.5 | 50.2 | 75.4 |
| 127 | 8.6 | 6.6 | 9.8 |

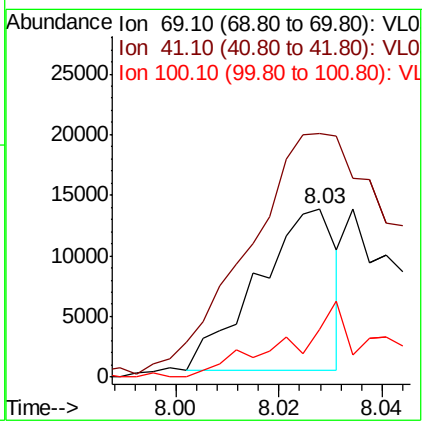


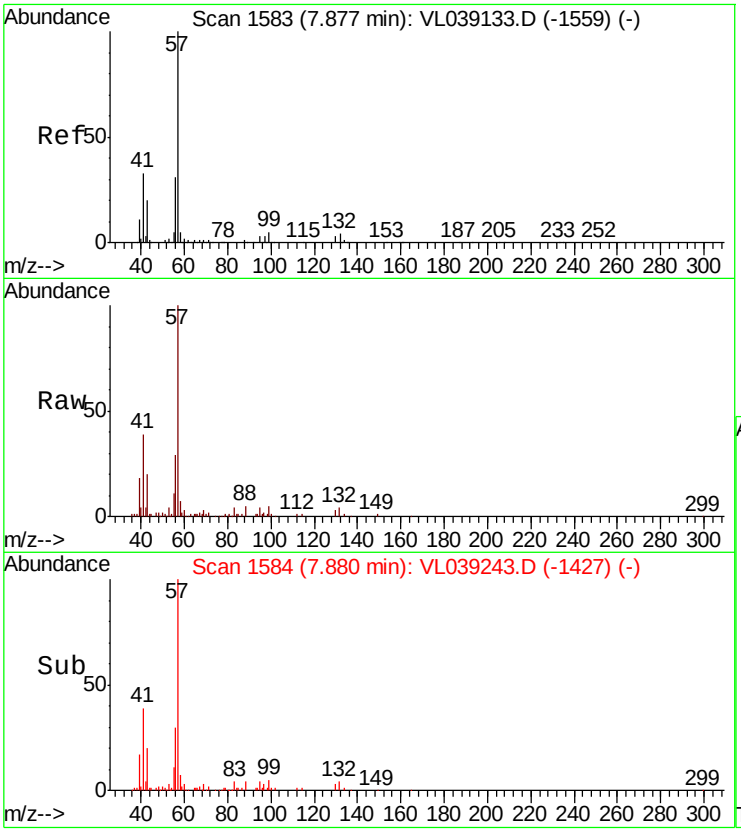




#43
Methyl Methacrylate
Concen: 0.196 ppbv
RT: 8.03 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 69 Resp: 13932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 332.1 | 121.9 | 182.9# |
| 100 | 0.0 | 24.1 | 36.1# |



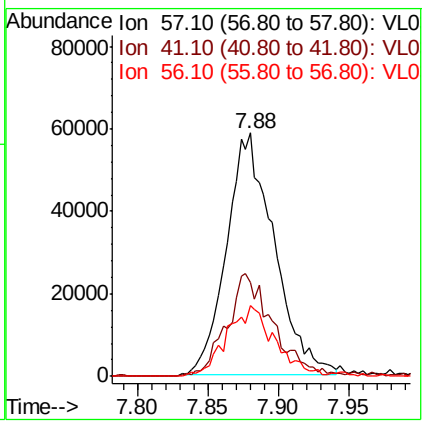


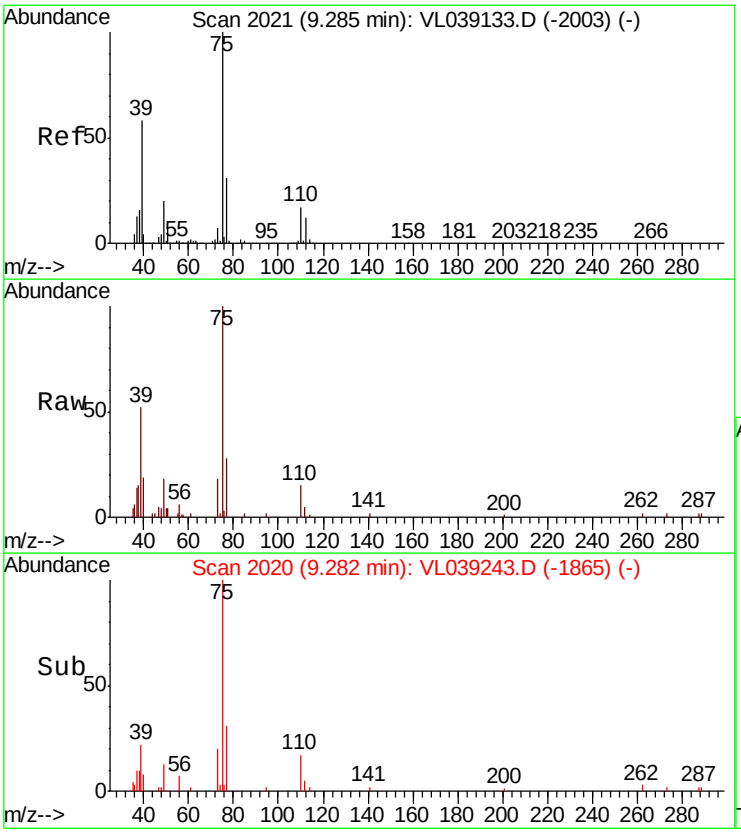

#44
2,2,4-Trimethylpentane
Concen: 0.434 ppbv
RT: 7.88
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 57 Resp: 138477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 57 | 100 | | |
| 41 | 41.9 | 26.2 | 39.4# |
| 56 | 30.2 | 24.7 | 37.1 |

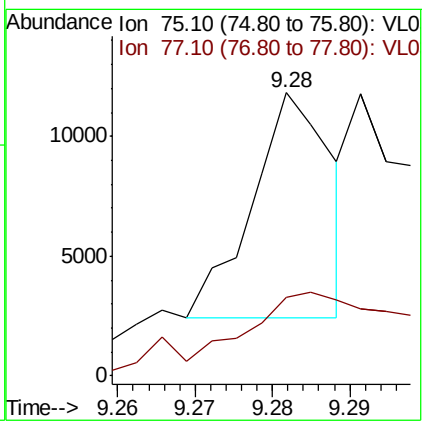


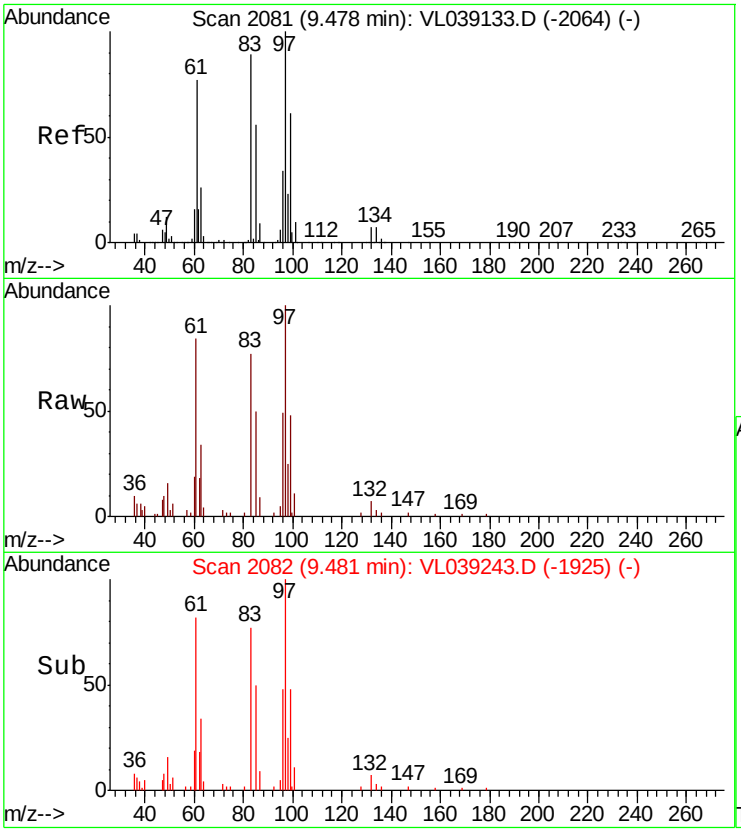




#45
t-1,3-Dichloropropene
Concen: 0.090 ppbv
RT: 9.28 min Scan# 2020
Delta R.T. -0.00 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 75 Resp: 6654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 26.9 | 24.4 | 36.6 |



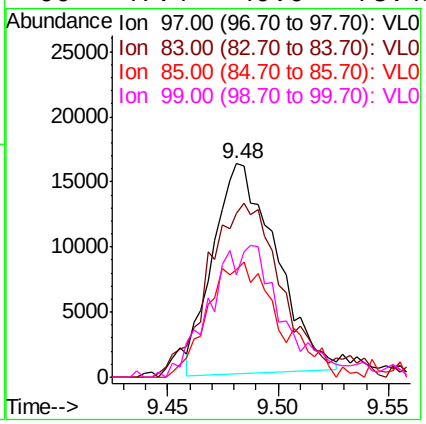


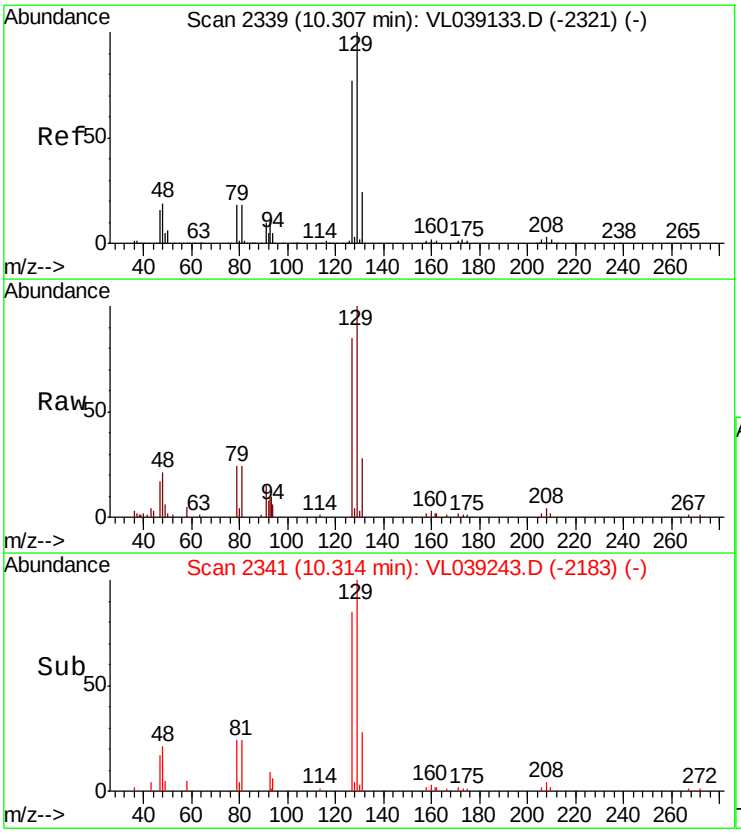

#47
1,1,2-Trichloroethane
Concen: 0.424 ppbv
RT: 9.48
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 97 Resp: 32038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 72.7 | 71.6 | 107.4 |
| 85 | 54.1 | 44.8 | 67.2 |
| 99 | 47.4 | 49.0 | 73.4# |

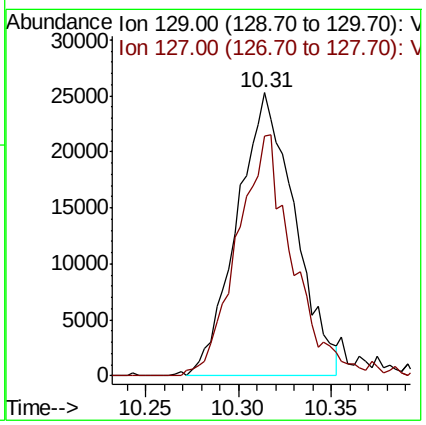


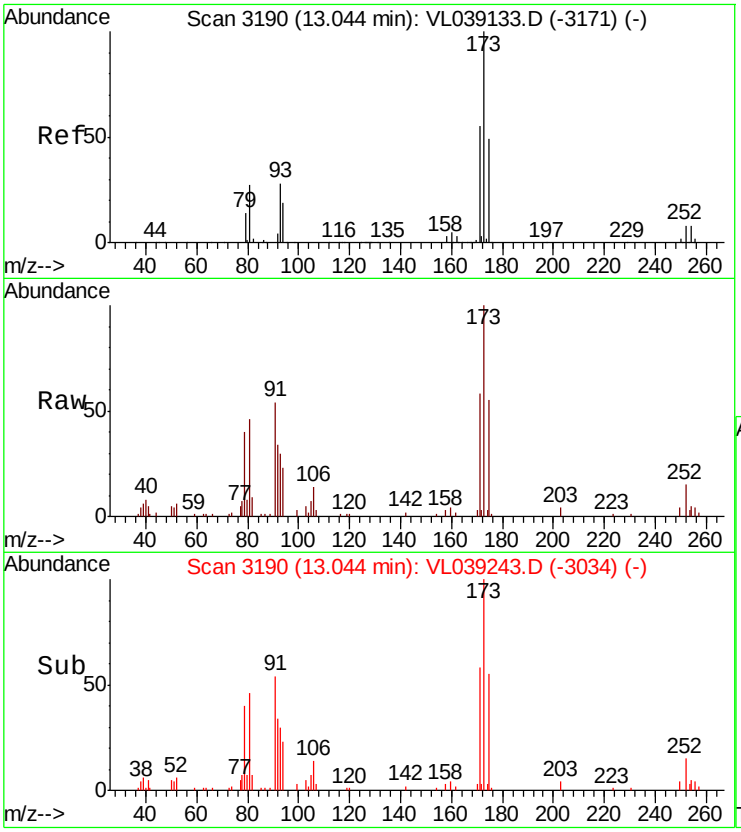




#48
Dibromochloromethane
Concen: 0.406 ppbv
RT: 10.31 min Scan# 2341
Delta R.T. 0.01 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion:129 Resp: 54833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 82.6 | 40.0 | 119.9 |



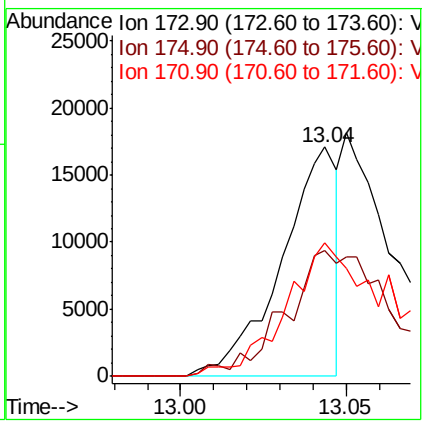


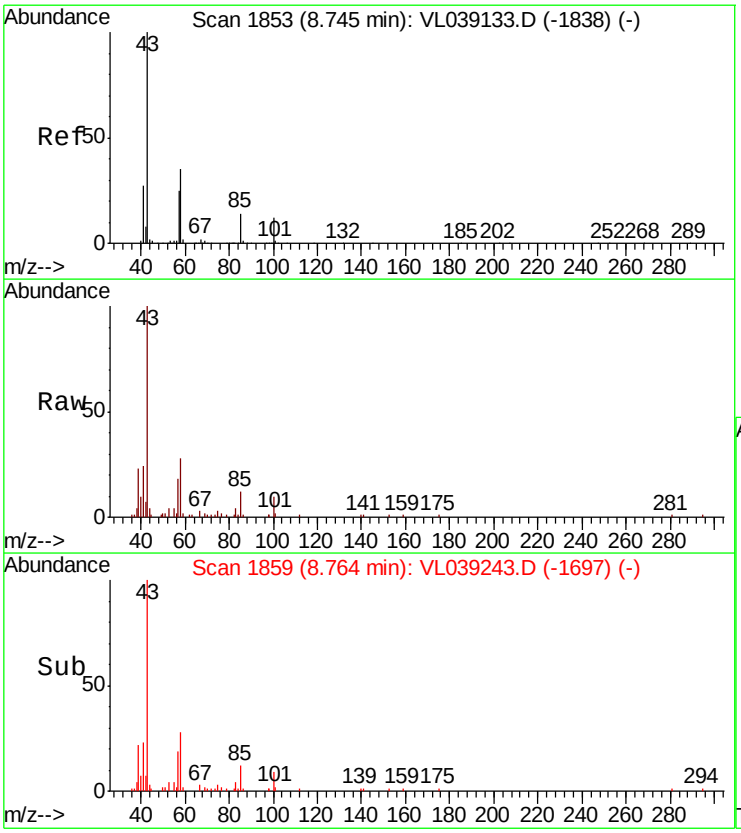

#49
Bromoform
Concen: 0.178 ppbv
RT: 13.04
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:173 Resp: 20053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 107.3 | 40.2 | 60.2# |
| 171 | 111.4 | 43.9 | 65.9# |

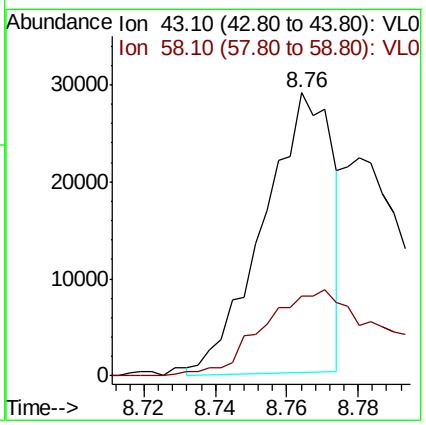


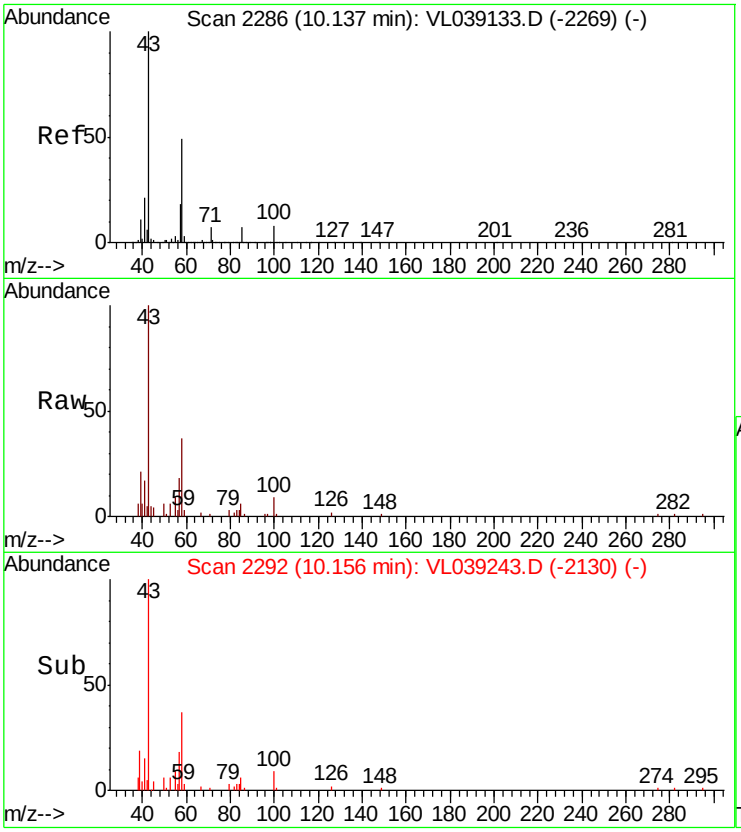




#50
4-Methyl-2-Pentanone
Concen: 0.212 ppbv
RT: 8.76 min Scan# 1859
Delta R.T. 0.02 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 43 Resp: 38675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 65.8 | 28.7 | 43.1# |



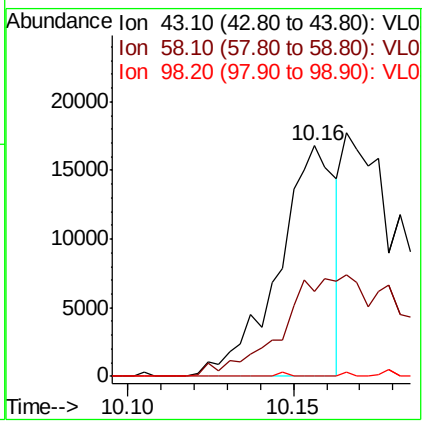


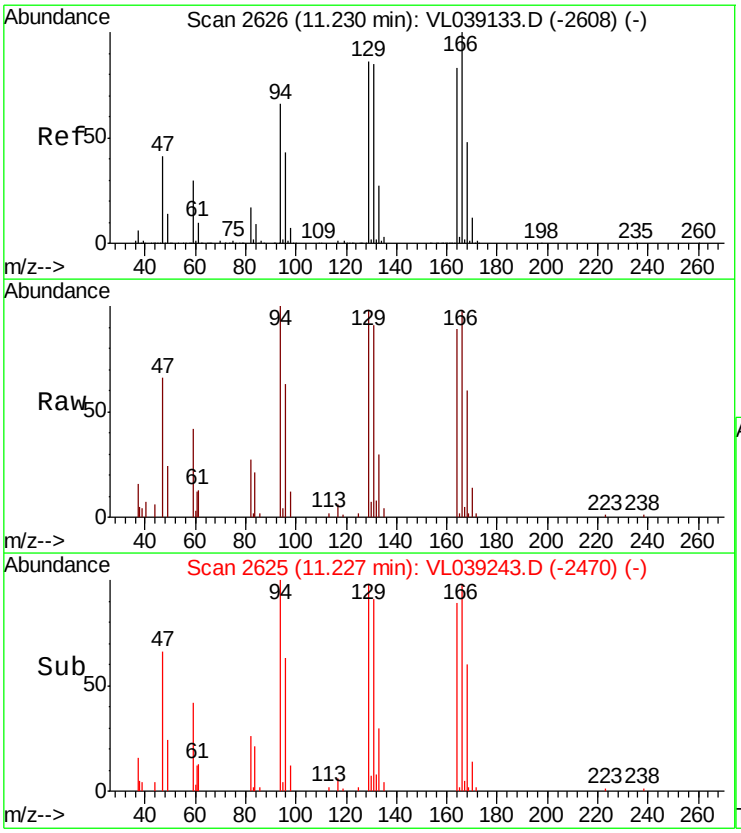

#51
2-Hexanone
Concen: 0.141 ppbv
RT: 10.16
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 43 Resp: 20083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 40.0 | 60.0# |
| 98 | 0.0 | 0.1 | 0.1# |

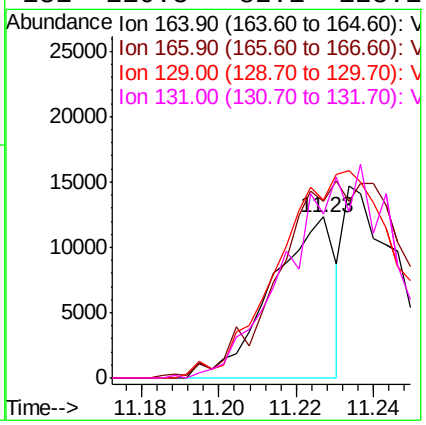


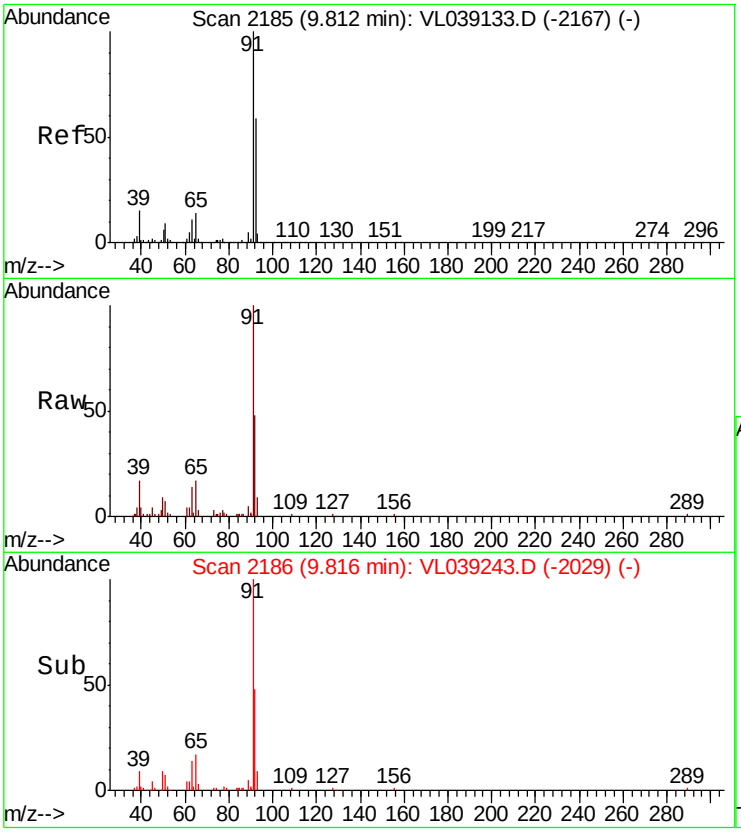




#52
Tetrachloroethene
Concen: 0.199 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. -0.00 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion:164 Resp: 14129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 108.5 | 96.3 | 144.5 |
| 129 | 108.4 | 82.5 | 123.7 |
| 131 | 110.3 | 82.1 | 123.1 |



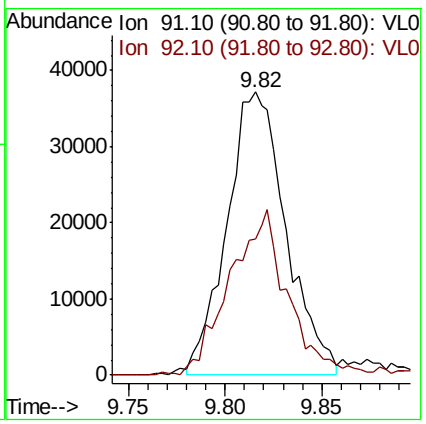


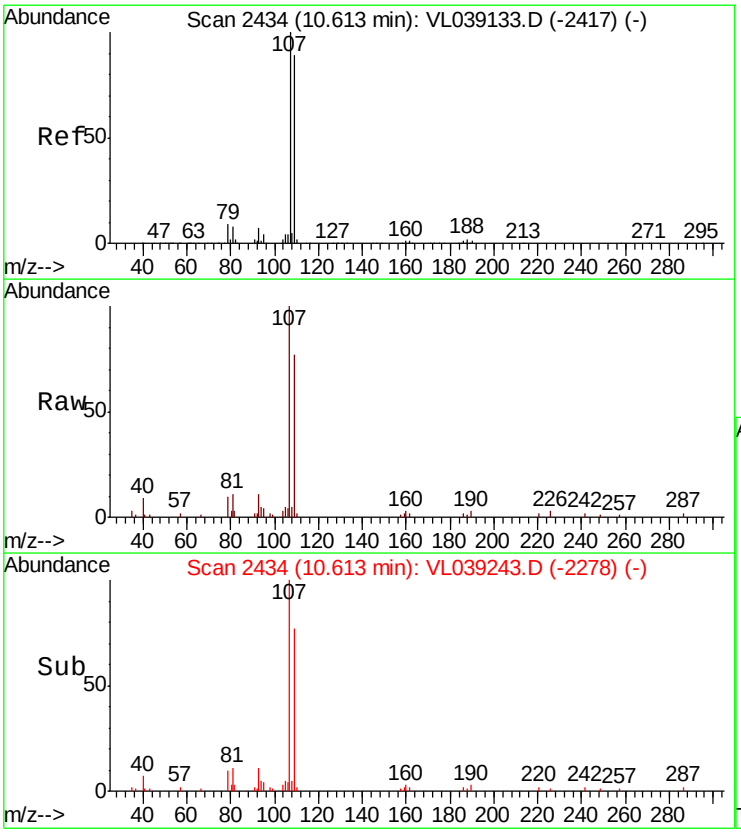

#53
Toluene
Concen: 0.376 ppbv
RT: 9.82
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 91 Resp: 78968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 58.5 | 48.1 | 72.1 |

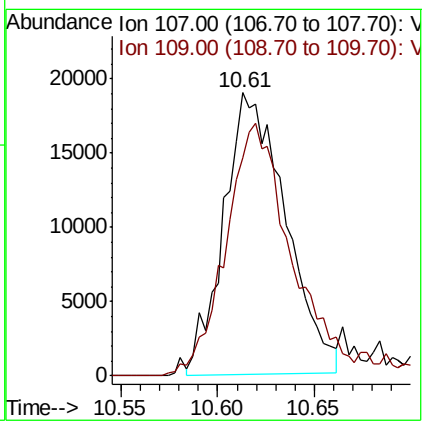


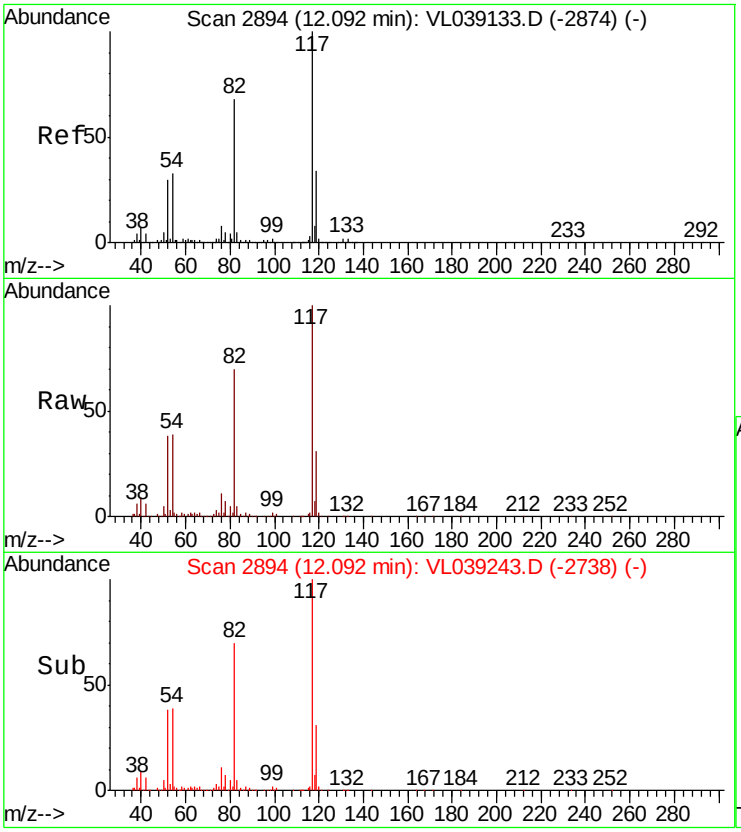




#54
1,2-Dibromoethane
Concen: 0.414 ppbv
RT: 10.61 min Scan# 2434
Delta R.T. 0.00 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion:107 Resp: 42122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 75.1 | 71.4 | 107.0 |



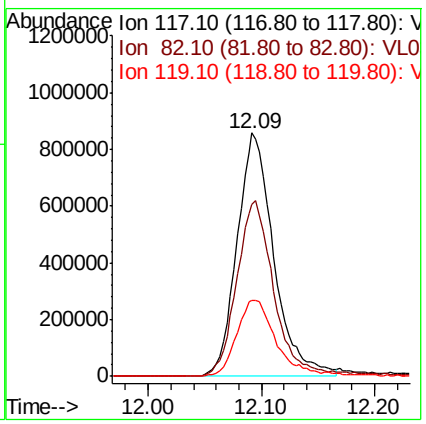


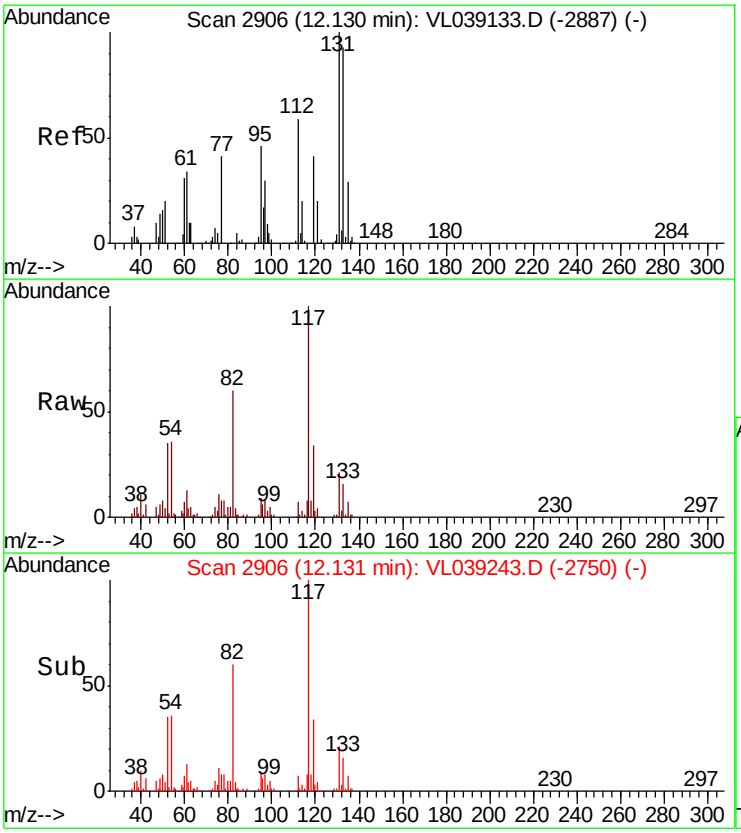

#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:117 Resp: 1943393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 75.0 | 55.1 | 82.7 |
| 119 | 34.7 | 24.7 | 37.1 |

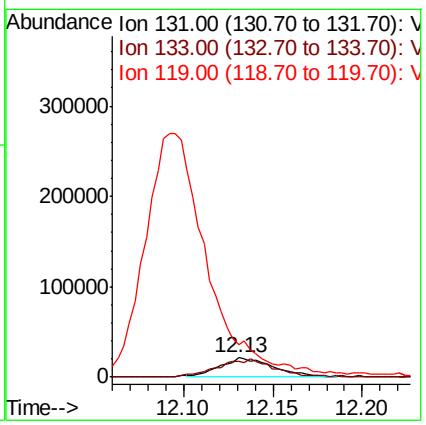


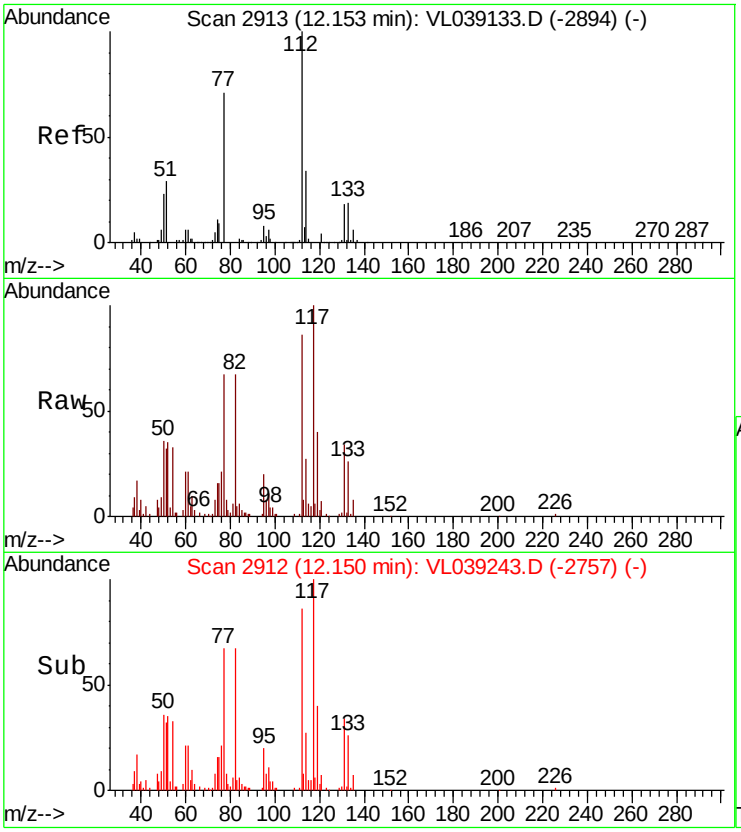




#56
1,1,1,2-Tetrachloroethane
Concen: 0.493 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. 0.00 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion:131 Resp: 45312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 99.4 | 78.6 | 117.8 |
| 119 | 0.0 | 51.7 | 77.5# |



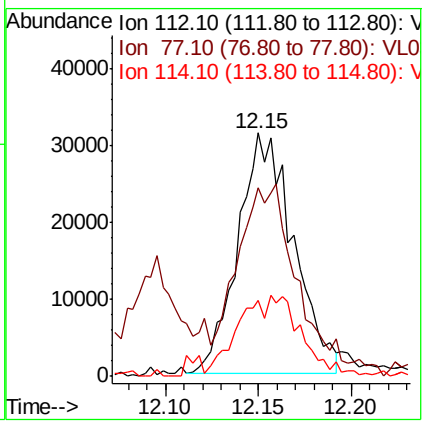


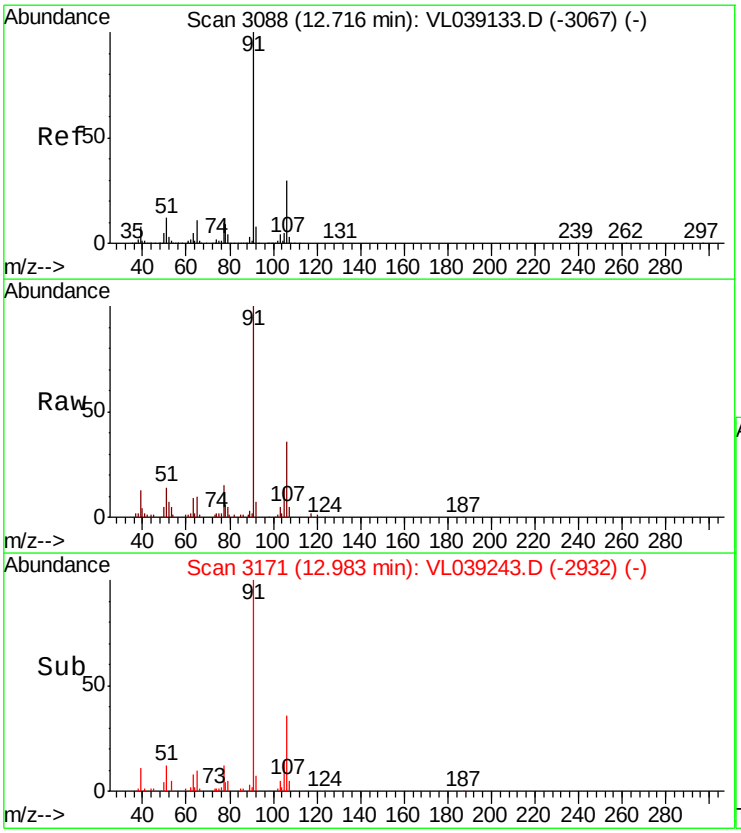

#57
Chlorobenzene
Concen: 0.447 ppbv
RT: 12.15
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:112 Resp: 65319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 77 | 62.6 | 56.5 | 84.7 |
| 114 | 32.2 | 30.3 | 37.1 |

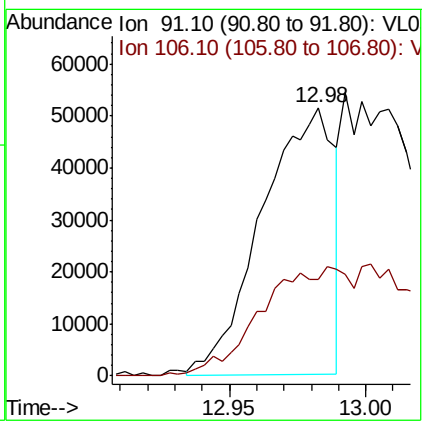


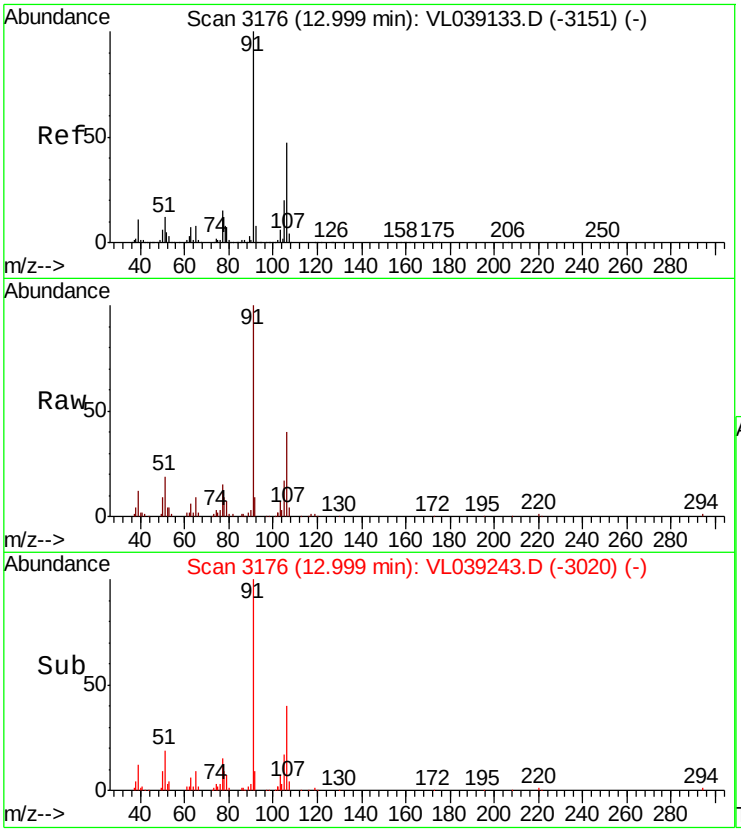




#58
Ethyl Benzene
Concen: 0.351 ppbv
RT: 12.98 min Scan# 3171
Delta R.T. 0.27 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 91 Resp: 94042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 35.3 | 24.2 | 36.4 |



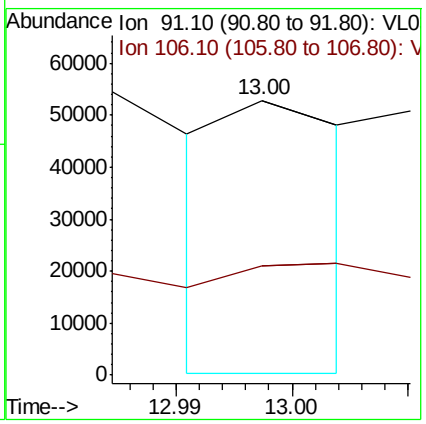


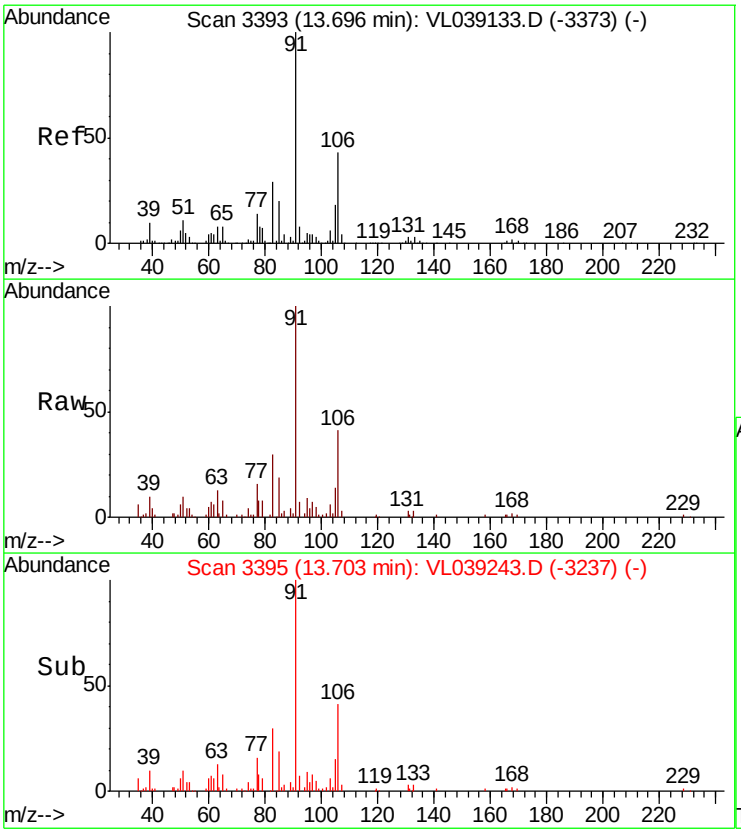

#59
m/p-Xylene
Concen: 0.082 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 91 Resp: 19309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 444.2 | 34.3 | 51.5# |

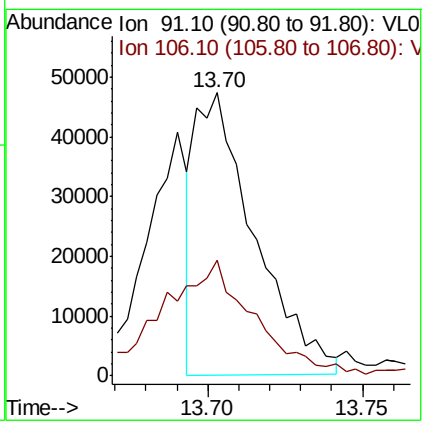


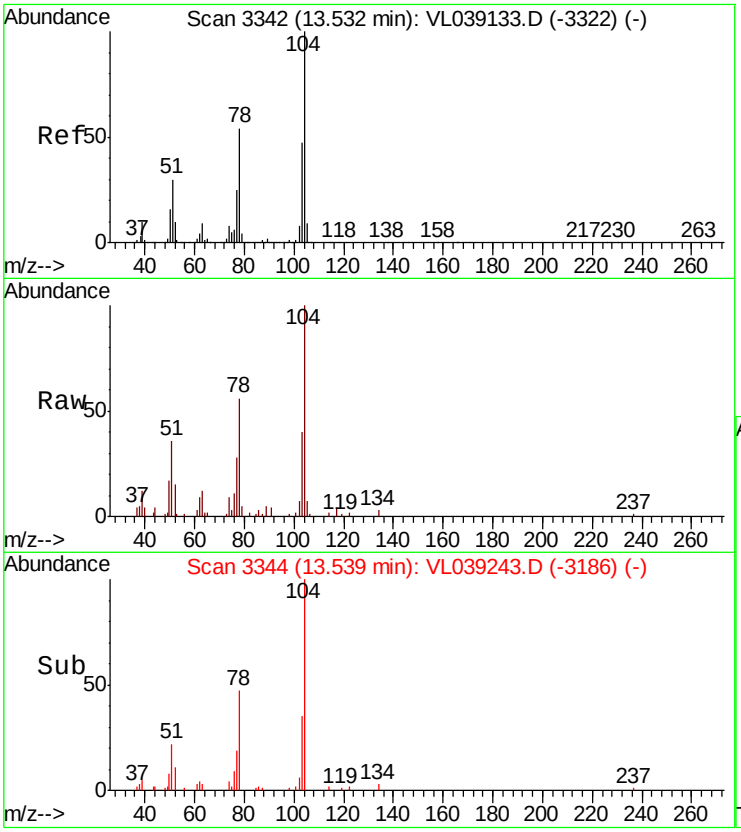




#60
o-Xylene
Concen: 0.284 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. 0.01 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 91 Resp: 62936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 66.5 | 22.3 | 66.9 |



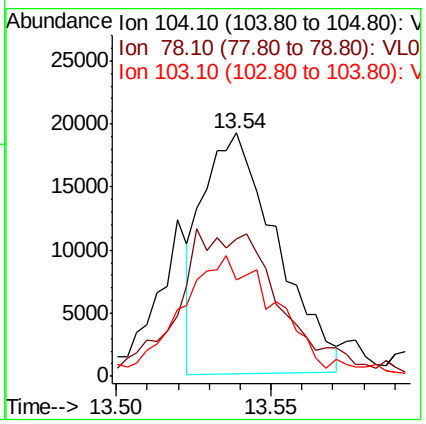


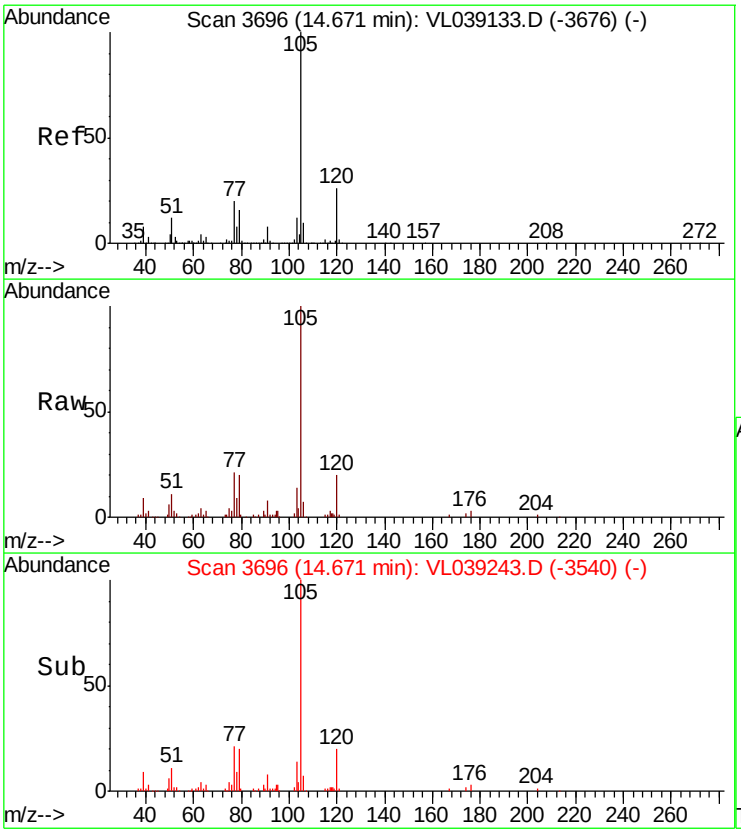

#61
Stvrene
Concen: 0.267 ppbv
RT: 13.54
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:104 Resp: 31730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 0.0 | 45.7 | 68.5# |
| 103 | 70.0 | 39.6 | 59.4# |

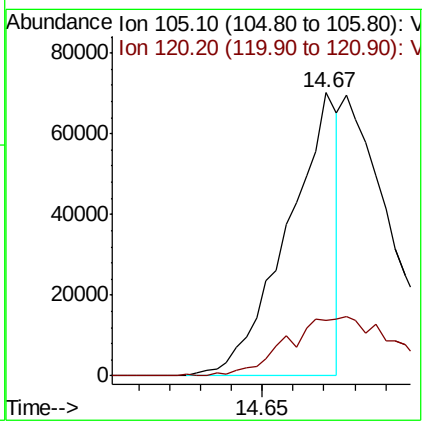


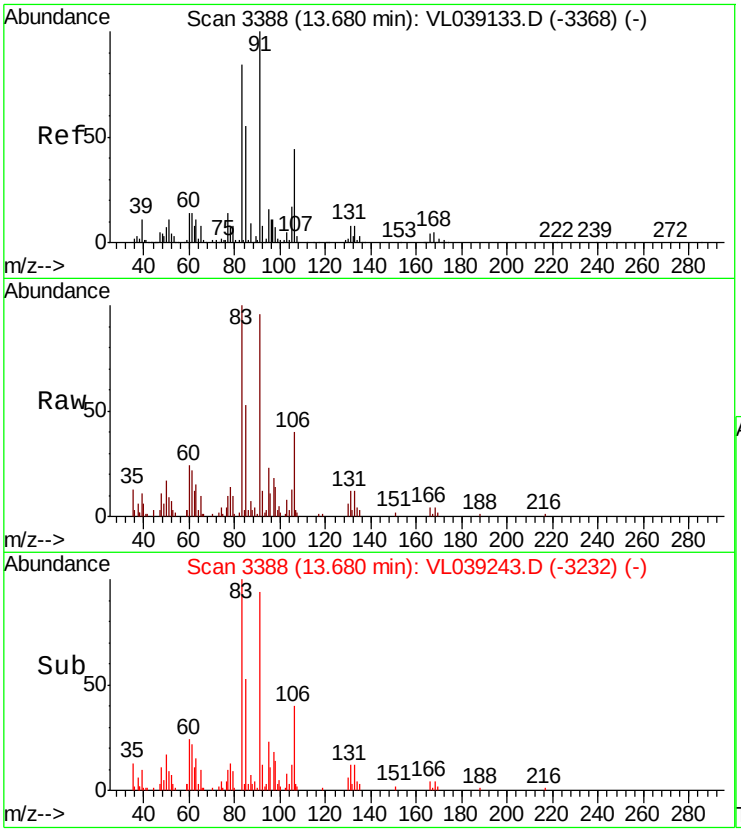




#62
Isopropylbenzene
Concen: 0.239 ppbv
RT: 14.67 min Scan# 3696
Delta R.T. 0.00 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion:105 Resp: 78799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.8 | 20.3 | 30.5# |



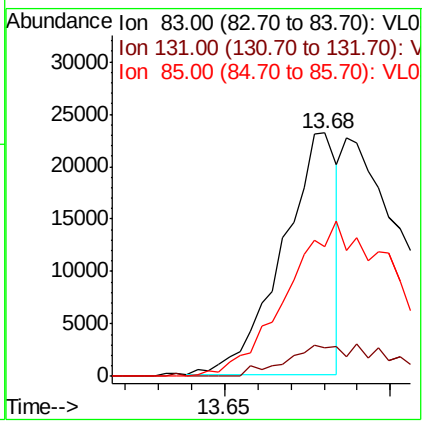


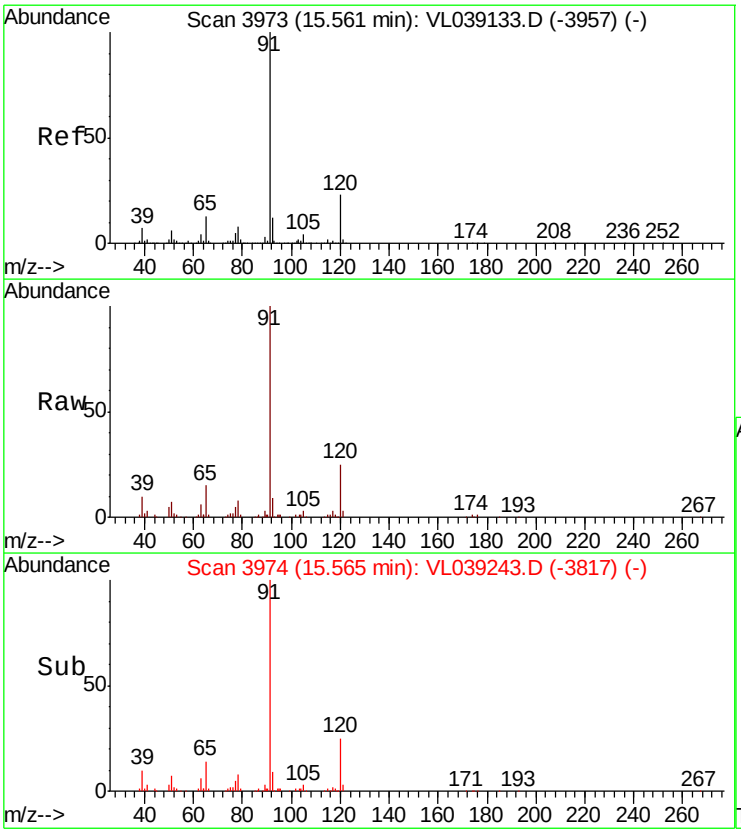

#63
1,1,2,2-Tetrachloroethane
Concen: 0.211 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 83 Resp: 26247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 0.0 | 4.8 | 14.3# |
| 85 | 0.0 | 33.0 | 99.0# |

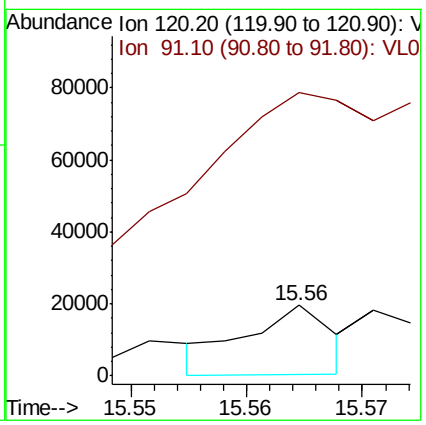


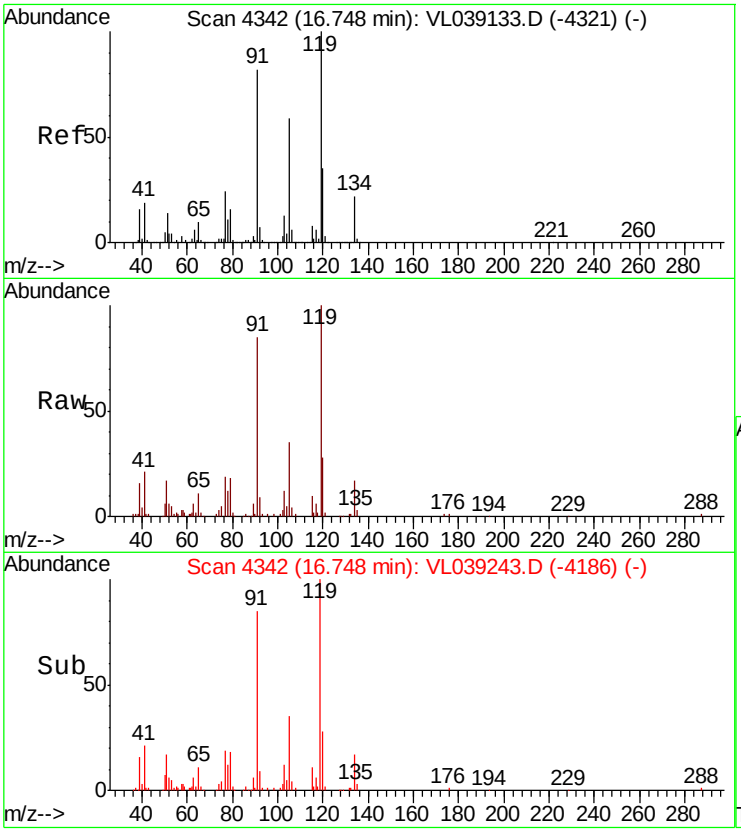




#64
n-propylbenzene
Concen: 0.122 ppbv
RT: 15.56 min Scan# 3974
Delta R.T. 0.00 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion:120 Resp: 9901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 120 | 100 | | |
| 91 | 2049.7 | 388.4 | 582.6# |



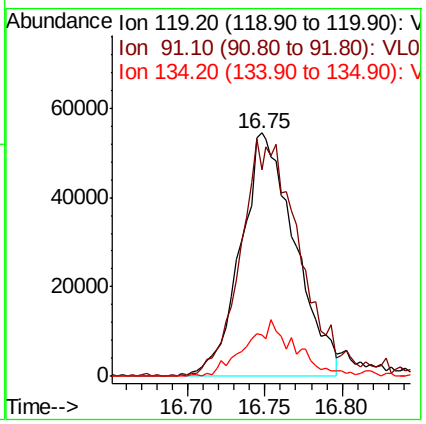


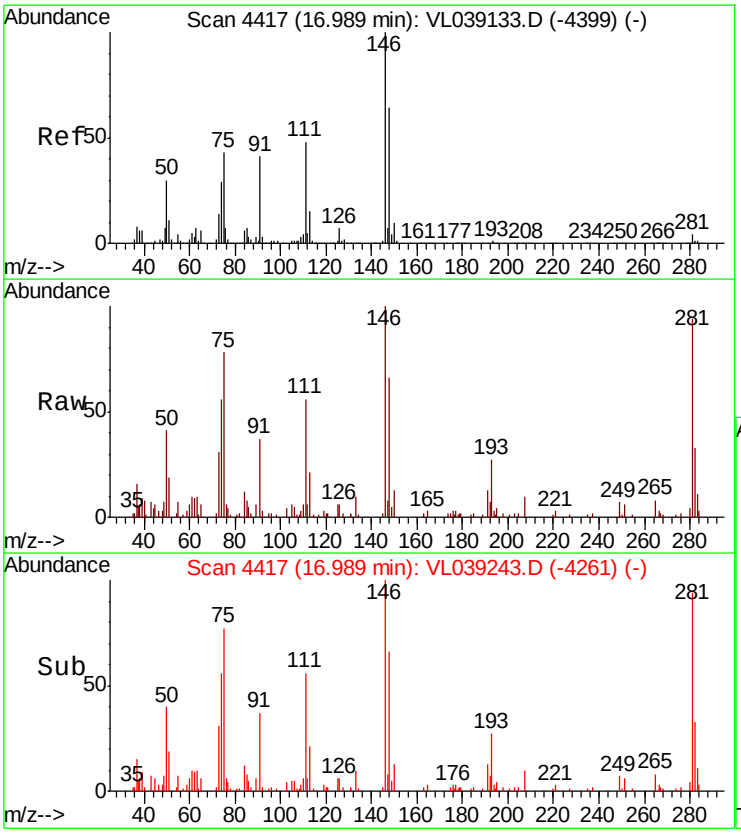

#65
tert-Butylbenzene
Concen: 0.440 ppbv
RT: 16.75
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:119 Resp: 132569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 110.8 | 67.1 | 100.7# |
| 134 | 21.9 | 15.8 | 23.8 |

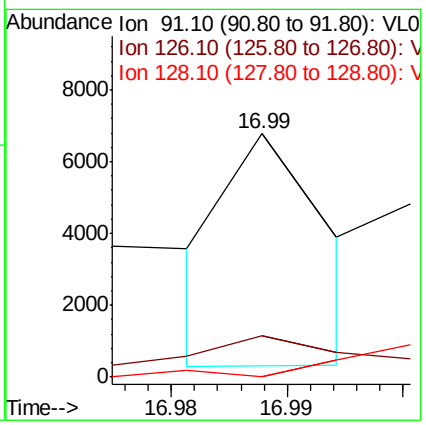


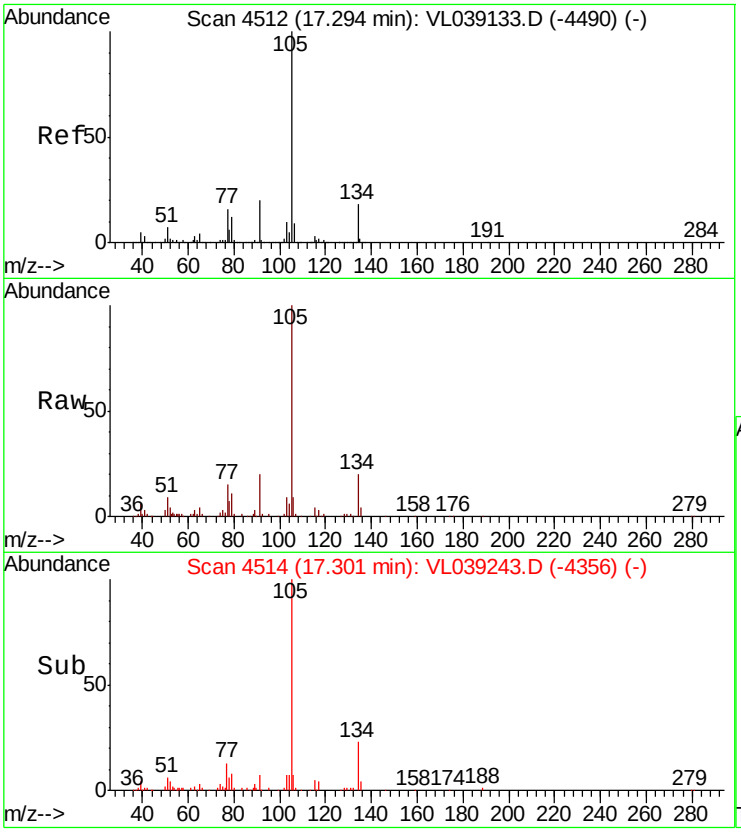




#66
Benzyl Chloride
Concen: 0.050 ppbv
RT: 16.99 min Scan# 4417
Delta R.T. 0.00 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 91 Resp: 1938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 106.0 | 13.4 | 20.0# |
| 128 | 28.1 | 4.1 | 6.1# |



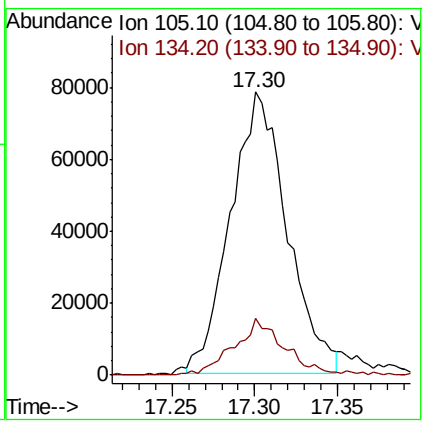


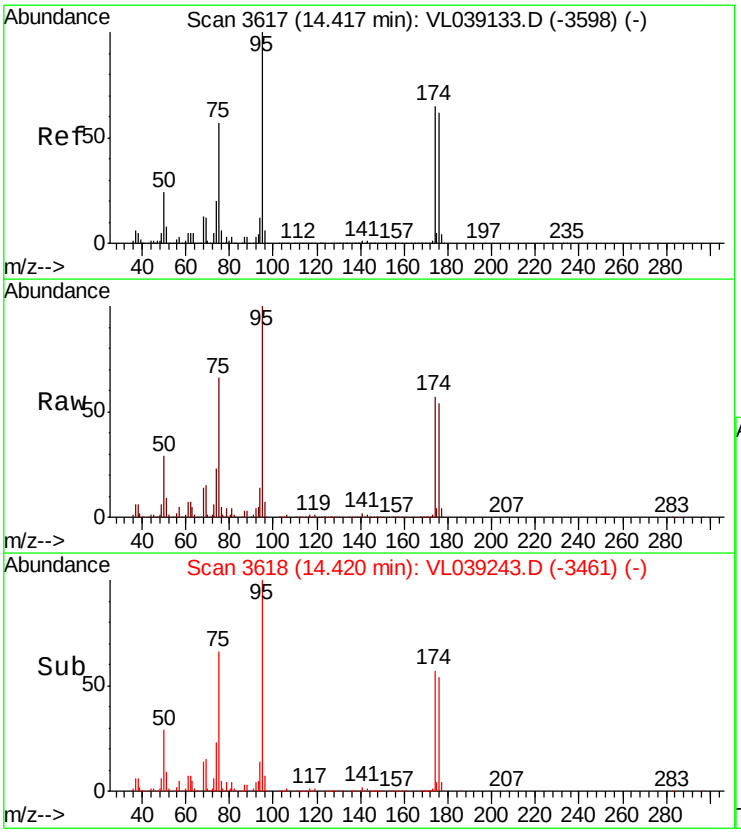

#67
sec-Butylbenzene
Concen: 0.452 ppbv
RT: 17.30
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:105 Resp: 185721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 18.0 | 14.4 | 21.6 |

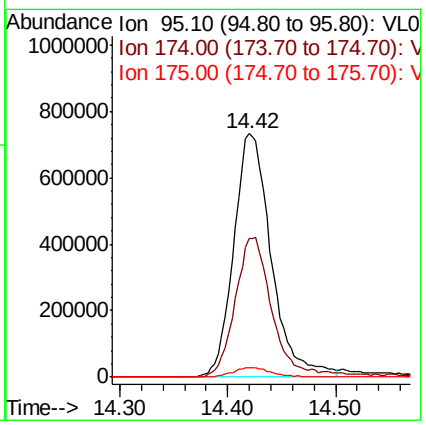


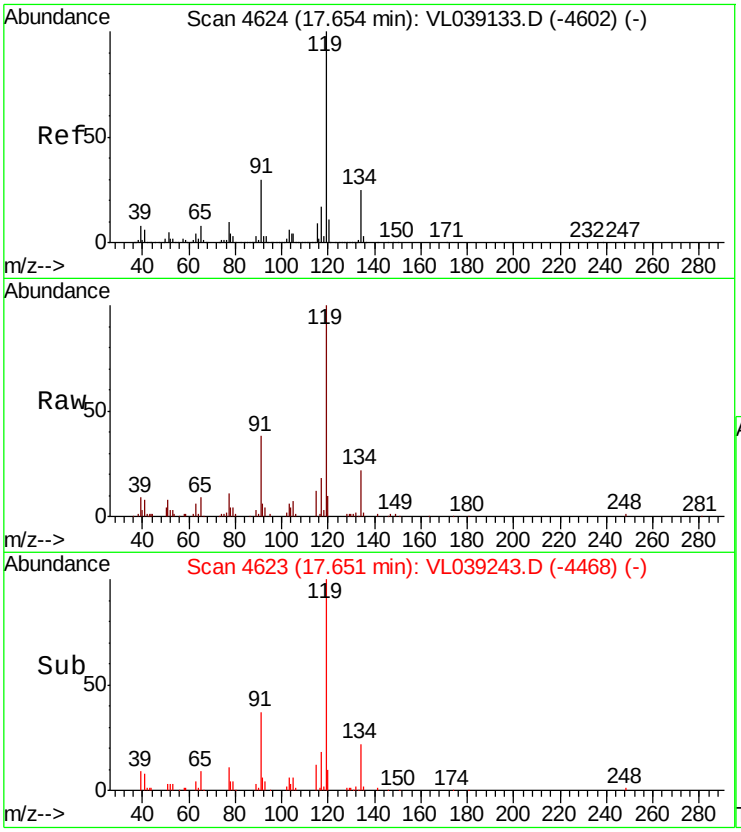




#68
1-Bromo-4-Fluorobenzene
Concen: 11.056 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. 0.00 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 95 Resp: 1776295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 58.8 | 53.8 | 80.8 |
| 175 | 4.3 | 4.1 | 6.1 |



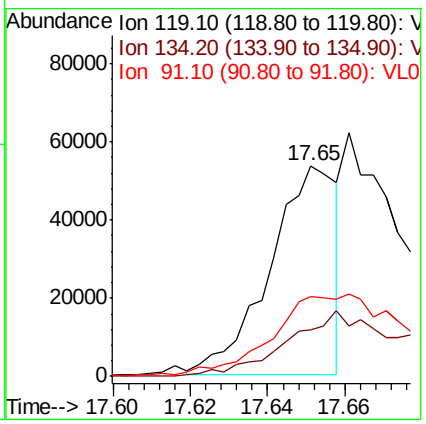


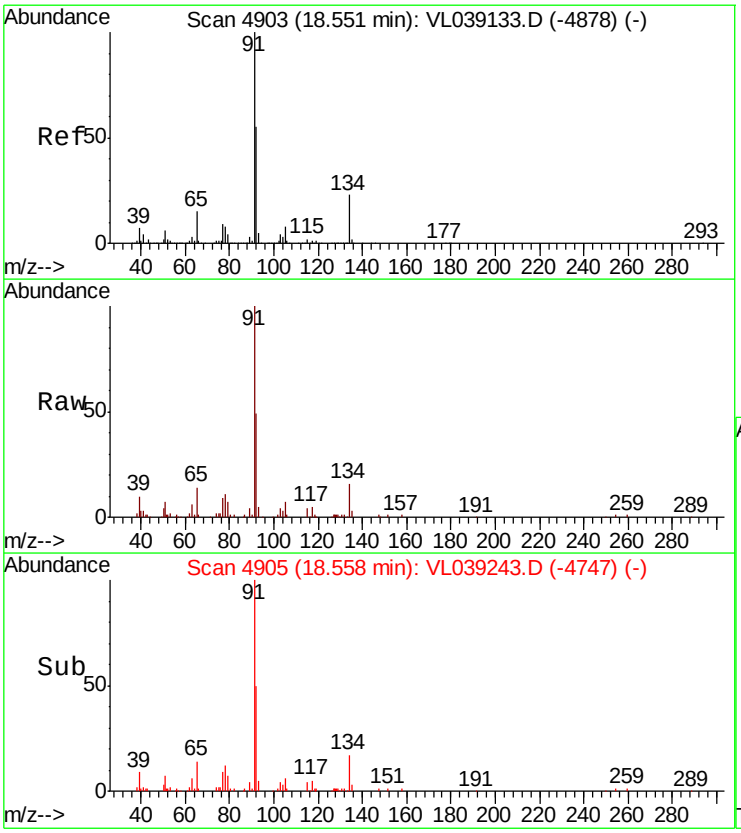

#69
p-Isopropyltoluene
Concen: 0.186 ppbv
RT: 17.65
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:119 Resp: 64431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 0.0 | 20.4 | 30.6# |
| 91 | 0.0 | 24.2 | 36.4# |

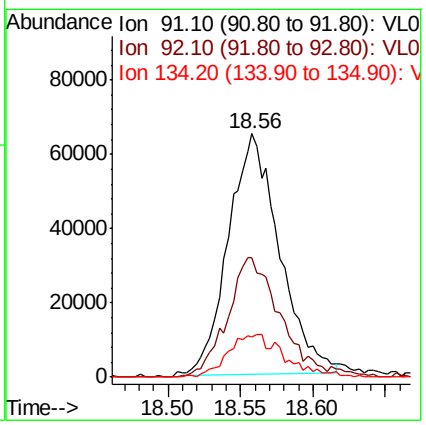


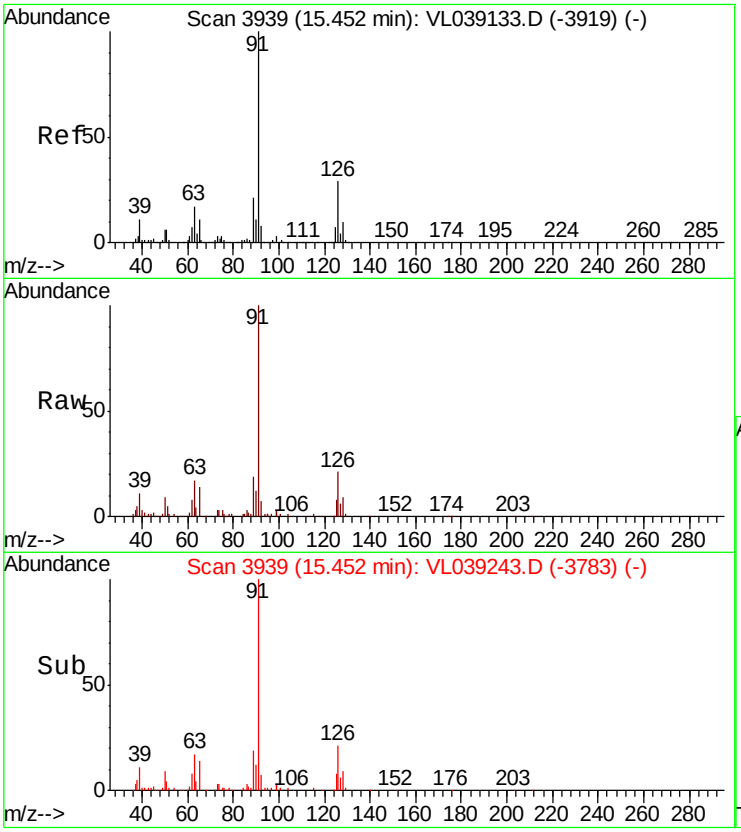




#70
n-Butylbenzene
Concen: 0.447 ppbv
RT: 18.56 min Scan# 4905
Delta R.T. 0.01 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion: 91 Resp: 159114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.2 | 43.6 | 65.4 |
| 134 | 19.4 | 17.7 | 26.5 |



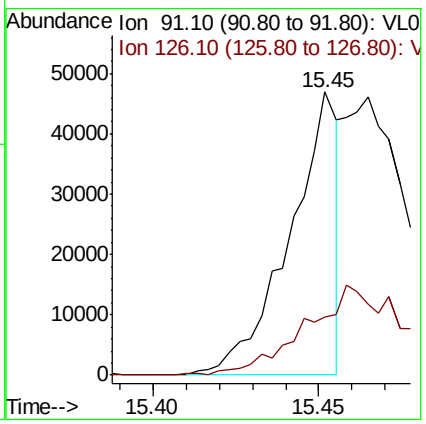


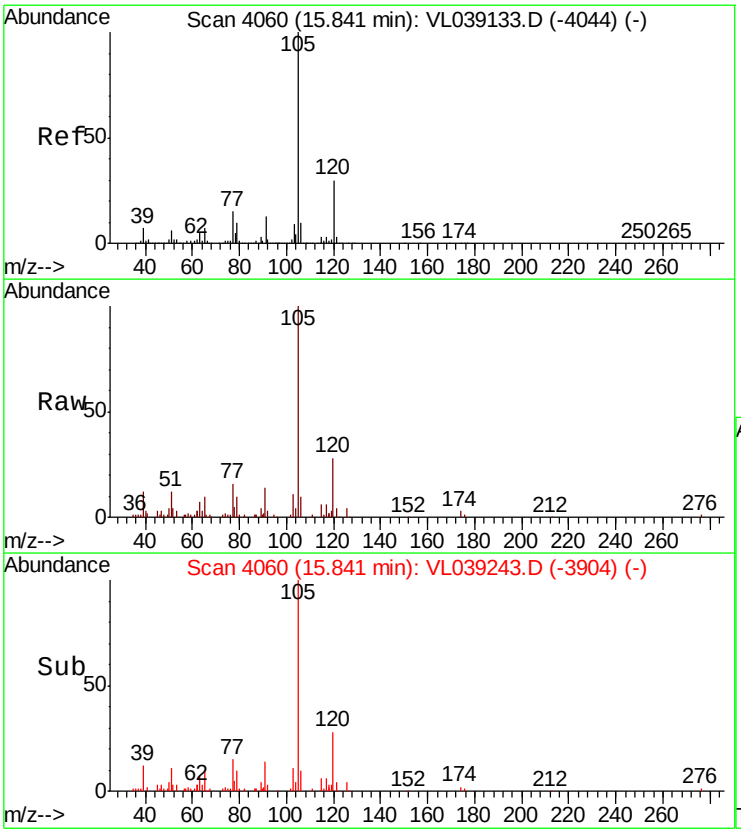

#71
2-Chlorotoluene
Concen: 0.189 ppbv
RT: 15.45
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 91 Resp: 47491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 0.0 | 12.2 | 48.6# |

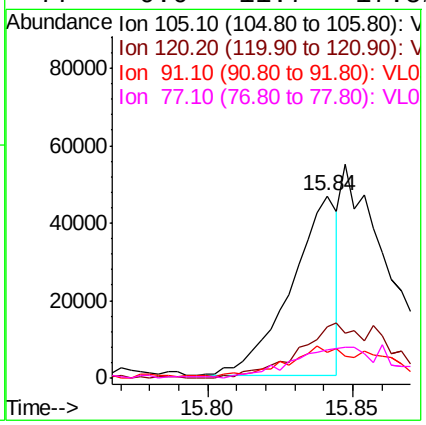


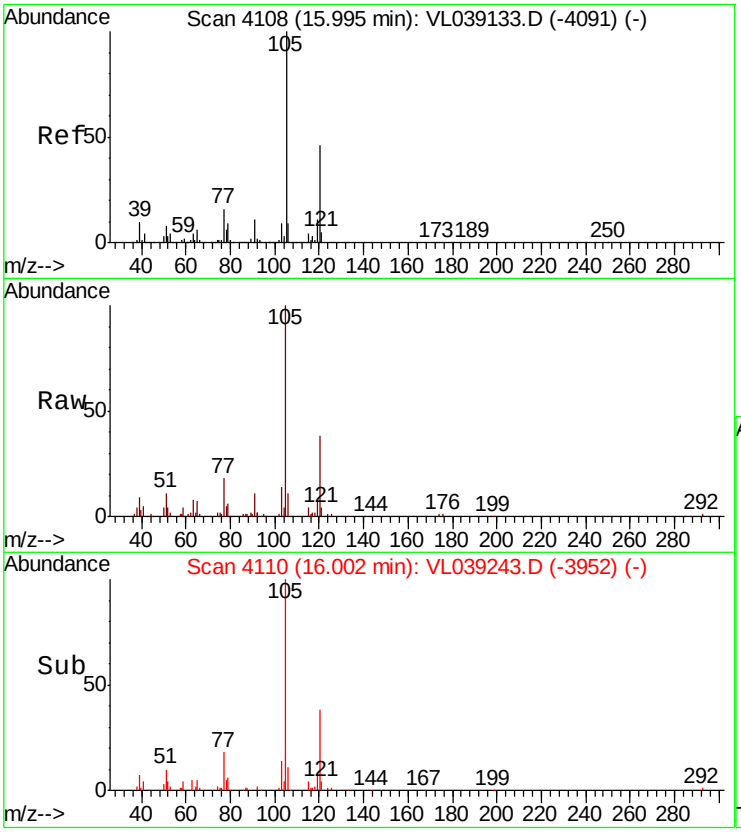




#72
4-Ethyltoluene
Concen: 0.199 ppbv
RT: 15.84 min Scan# 4060
Delta R.T. 0.00 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion:105 Resp: 51732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 0.0 | 23.9 | 35.9# |
| 91 | 40.0 | 10.6 | 16.0# |
| 77 | 0.0 | 11.7 | 17.5# |



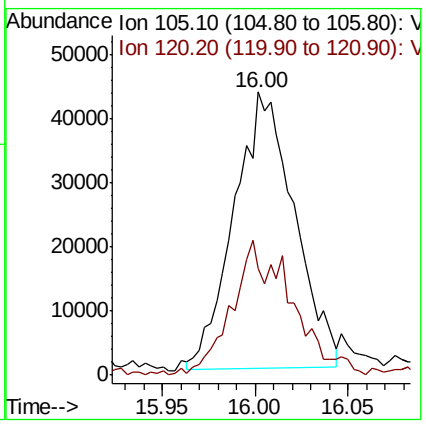


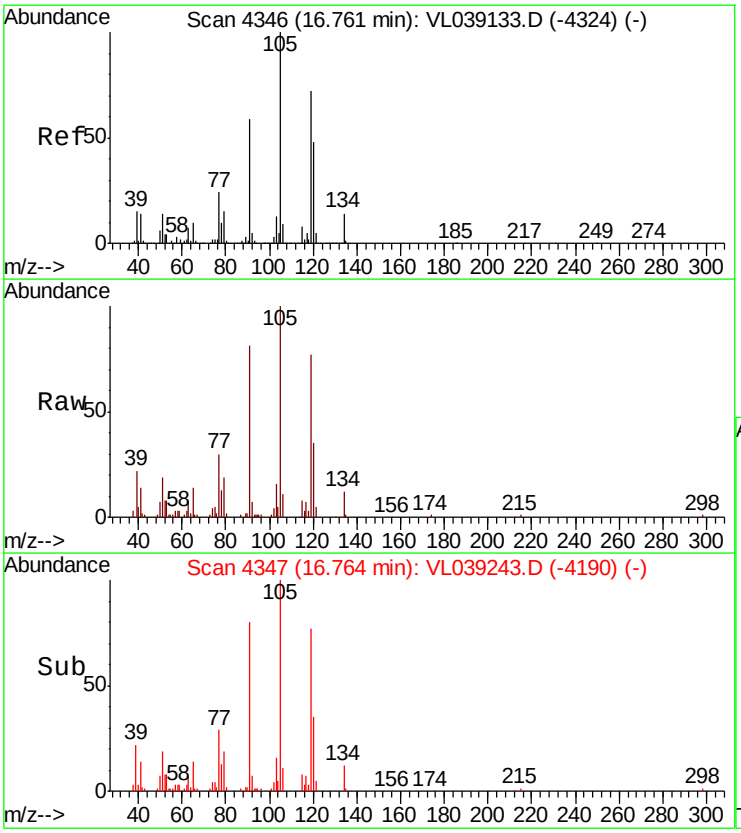

#73
1,3,5-Trimethylbenzene
Concen: 0.419 ppbv
RT: 16.00
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:105 Resp: 98185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 38.8 | 36.7 | 55.1 |

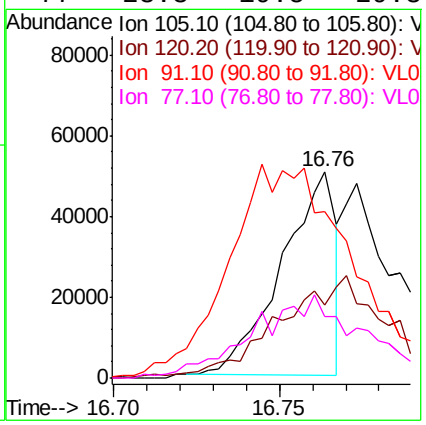


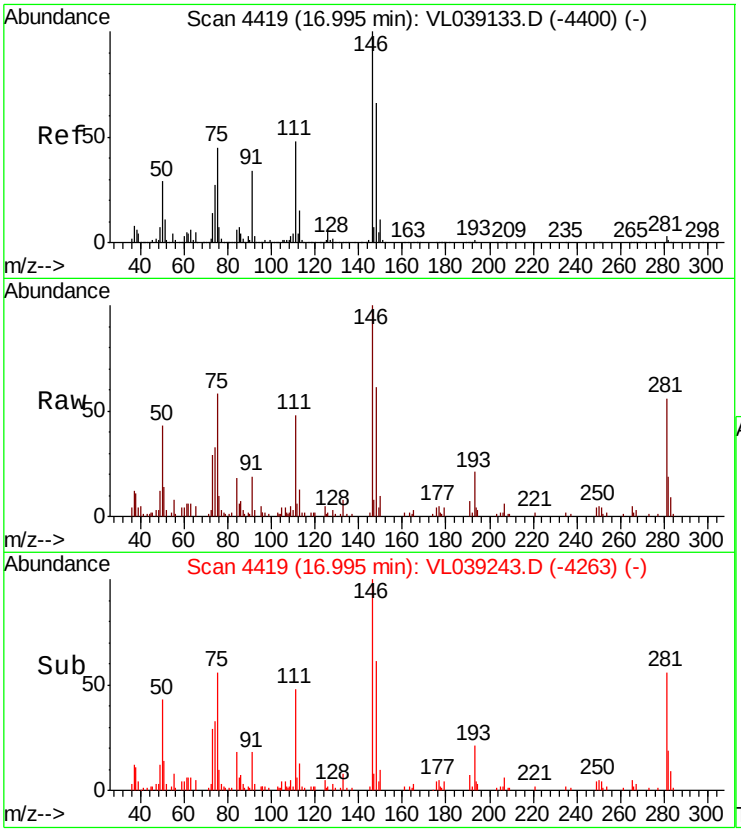




#74
1,2,4-Trimethylbenzene
Concen: 0.218 ppbv
RT: 16.76 min Scan# 4347
Delta R.T. 0.00 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion:105 Resp: 57027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 33.0 | 38.1 | 57.1# |
| 91 | 67.5 | 47.4 | 71.0 |
| 77 | 23.3 | 19.5 | 29.3 |



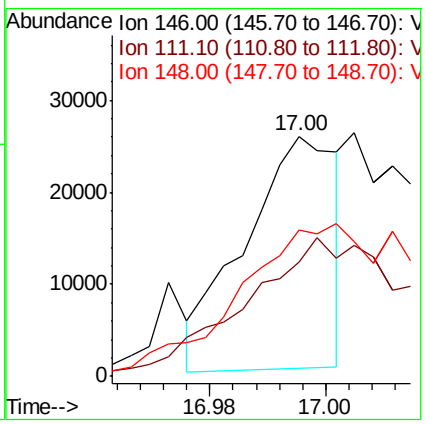


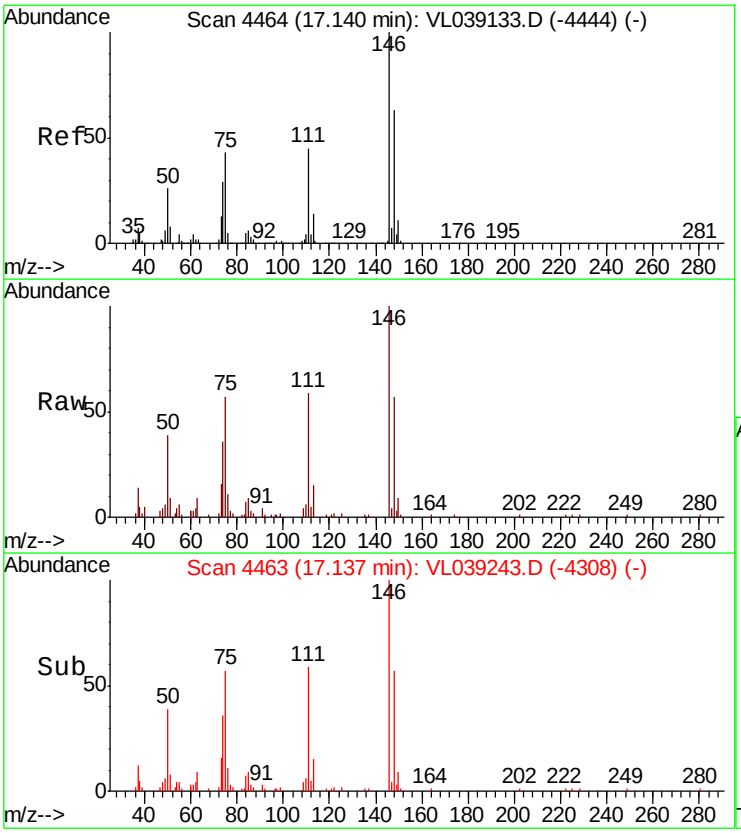

#75
1,3-Dichlorobenzene
Concen: 0.188 ppbv
RT: 17.00
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:146 Resp: 27851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 0.0 | 23.8 | 71.4# |
| 148 | 0.0 | 32.4 | 97.0# |

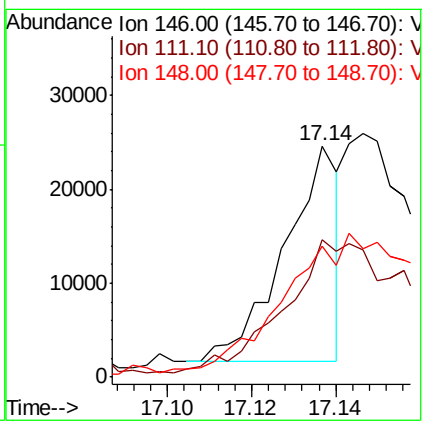


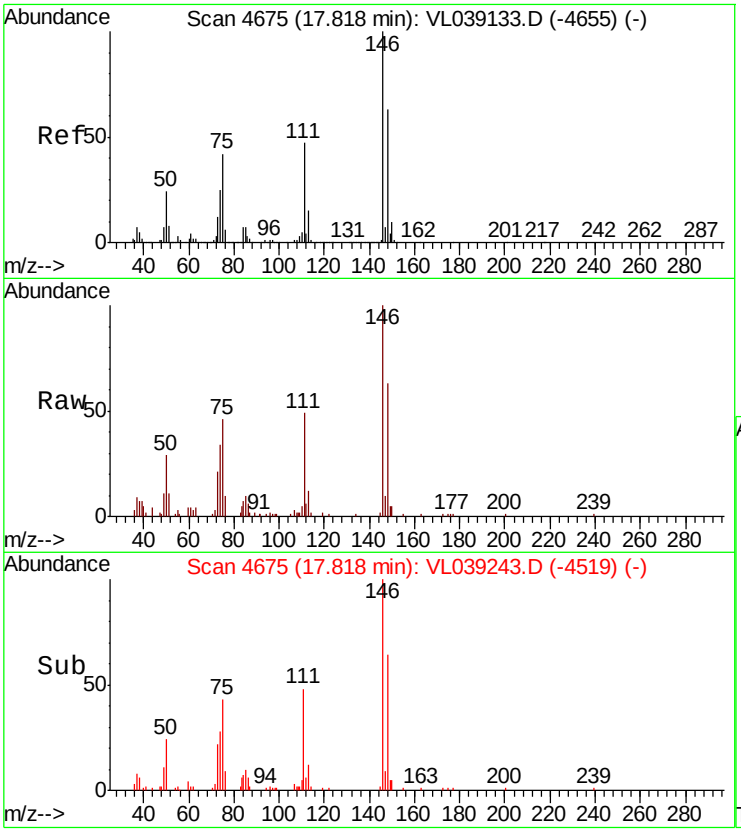




#76
1,4-Dichlorobenzene
Concen: 0.138 ppbv
RT: 17.14 min Scan# 4463
Delta R.T. -0.00 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion:146 Resp: 20377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 179.5 | 23.6 | 71.0# |
| 148 | 0.0 | 33.7 | 101.0# |



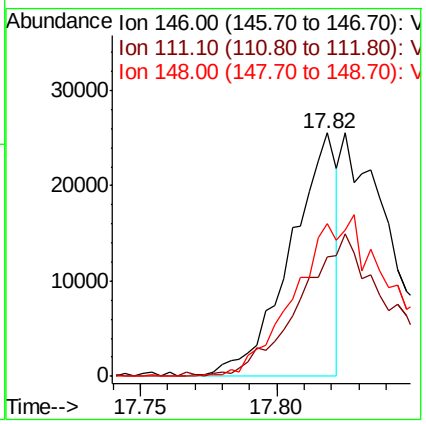


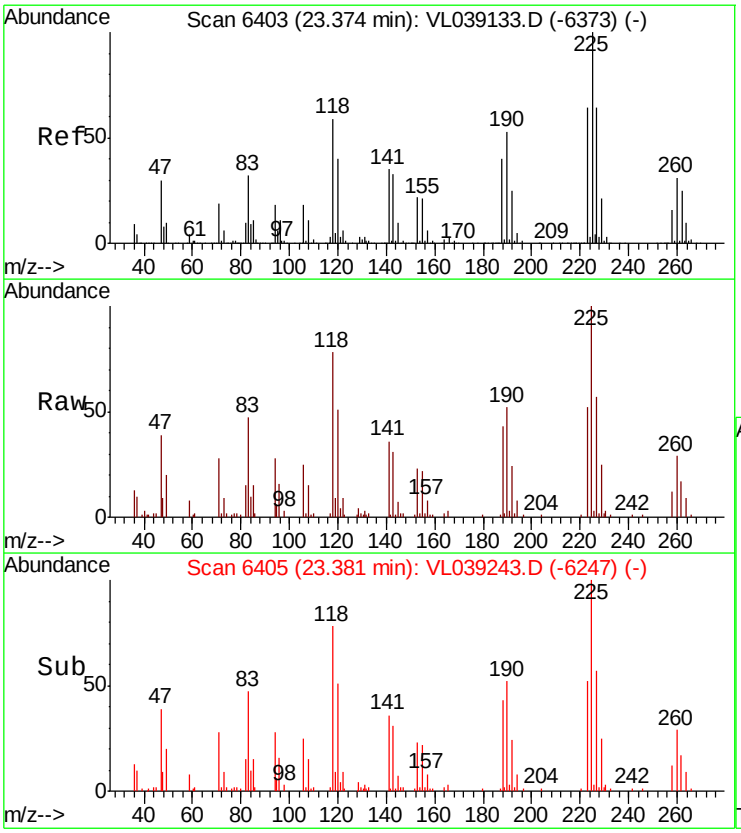

#77
1,2-Dichlorobenzene
Concen: 0.202 ppbv
RT: 17.82
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:146 Resp: 30154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 0.0 | 24.4 | 73.4# |
| 148 | 0.0 | 32.1 | 96.5# |

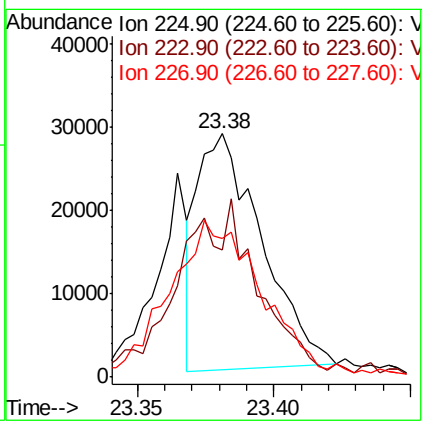


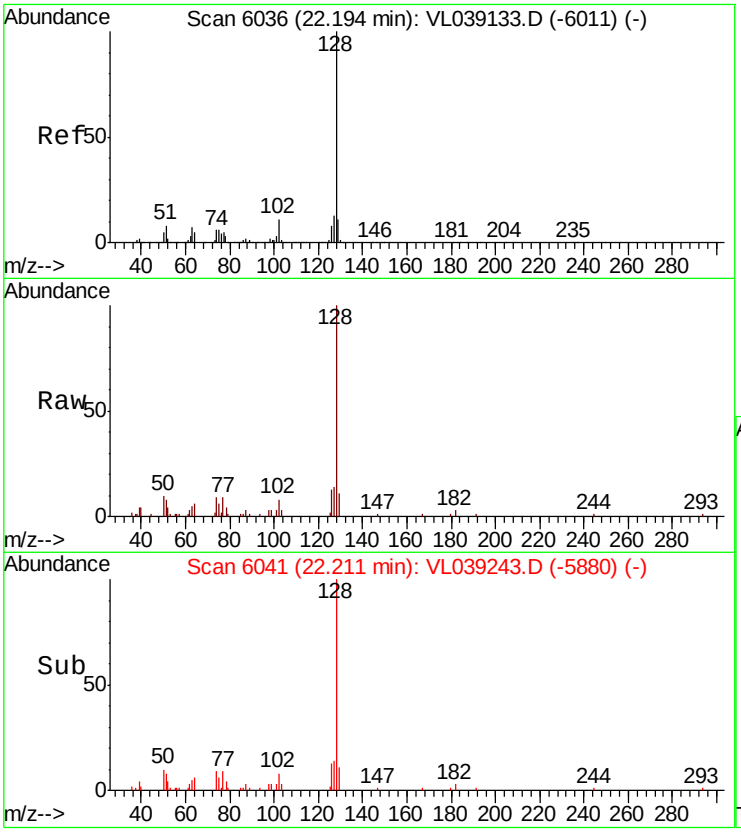




#78
Hexachloro-1,3-Butadiene
Concen: 0.339 ppbv
RT: 23.38 min Scan# 6405
Delta R.T. 0.01 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion:225 Resp: 46225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 99.3 | 51.4 | 77.0# |
| 227 | 97.6 | 50.6 | 75.8# |



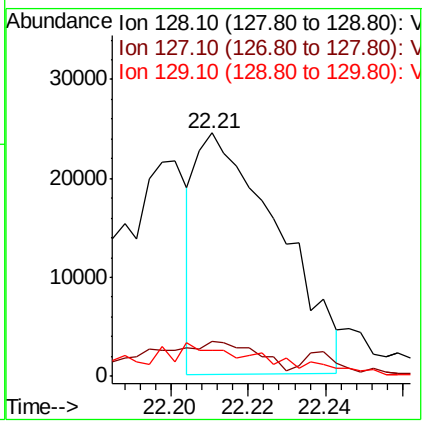


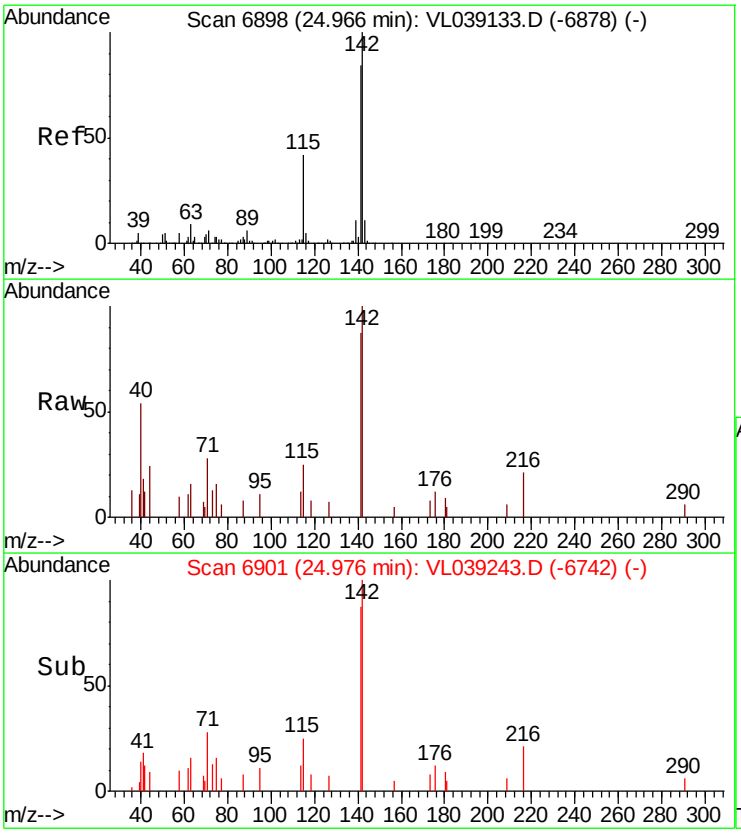

#79
Naphthalene
Concen: 0.180 ppbv
RT: 22.21
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:128 Resp: 36151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 10.9 | 10.4 | 15.6 |
| 129 | 9.1 | 9.0 | 13.6 |

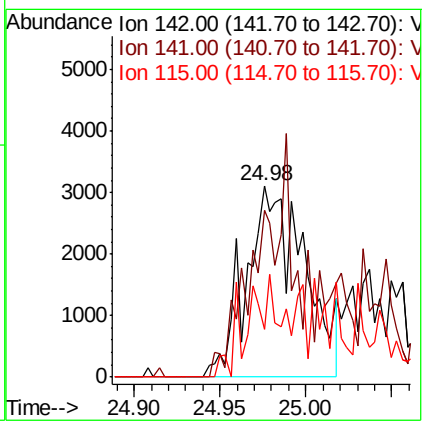


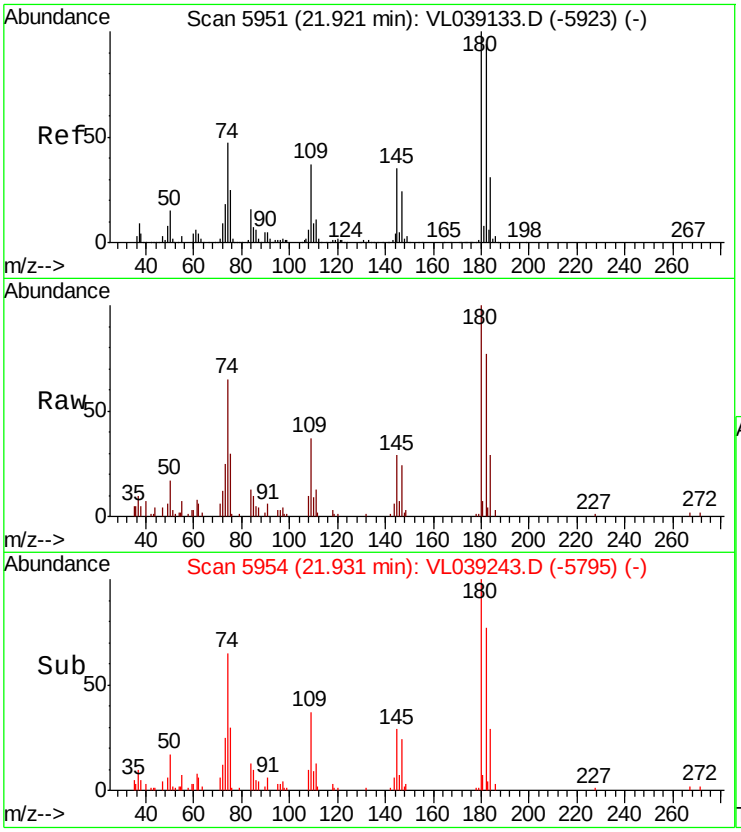




#80
Naphthalene,2-methyl-
Concen: 0.097 ppbv
RT: 24.98 min Scan# 6901
Delta R.T. 0.01 min
Lab File: VL039243.D
Acq: 8 Jun 2022 20:24

Tgt Ion:142 Resp: 7264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 103.7 | 64.6 | 96.8# |
| 115 | 65.6 | 32.7 | 49.1# |






#81
1,2,4-Trichlorobenzene
Concen: 0.226 ppbv
RT: 21.93
Delta R.T
Lab File:
Acq: 8 Jun 2022 20:24

**Instrument :**
MSVOA_L
**ClientSampleId :**
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:180 Resp: 28818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 155.8 | 0.0 | 0.0# |
| 184 | 56.9 | 0.0 | 0.0# |