Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111221\
Data File : VV023459.D
Acq On : 12 Nov 2021 22:25
Operator : SY/MD
Sample : M4616-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**

Quant Time: Nov 13 01:59:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 13 01:39:11 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.619 | 114 | 113156 | 5.000 | ug/L | -0.02 |
| 28) Chlorobenzene-d5 | 8.853 | 117 | 115982 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.249 | 152 | 50151 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.304 | 65 | 48783 | 6.882 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 137.600%# | | | |
| 7) Chloroethane-d5 | 1.568 | 69 | 36706 | 6.353 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 127.000% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.108 | 63 | 64077 | 4.829 | ug/L | -0.01 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 96.600% | | | |
| 20) 2-Butanone-d5 | 3.902 | 46 | 53613 | 43.899 | ug/L | -0.09 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 87.800% | | | |
| 24) Chloroform-d | 4.349 | 84 | 81088 | 5.367 | ug/L | -0.01 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 107.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.034 | 65 | 37293 | 5.490 | ug/L | -0.02 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 109.800% | | | |
| 32) Benzene-d6 | 5.050 | 84 | 162617 | 5.465 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 109.200% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.069 | 67 | 47663 | 5.441 | ug/L | -0.03 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 108.800% | | | |
| 41) Toluene-d8 | 7.317 | 98 | 141045 | 5.058 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 101.200% | | | |
| 43) trans-1,3-Dichloroprop... | 7.625 | 79 | 16544 | 4.981 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 99.600% | | | |
| 46) 2-Hexanone-d5 | 8.091 | 63 | 44631 | 36.519 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 73.040% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84 | 26841 | 4.261 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 85.200% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.625 | 152 | 50601 | 6.059 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 121.200%# | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.243 | 50 | 680 | 0.072 | ug/L | 86 |
| 12) 1,1-Dichloroethene | 2.108 | 96 | 522 | 0.077 | ug/L # | 1 |
| 16) Methylene chloride | 2.510 | 84 | 5549 | 0.564 | ug/L | 95 |
| 35) Methylcyclohexane | 6.069 | 83 | 11818 | 0.869 | ug/L # | 24 |
| 37) 1,2-Dichloropropane | 6.069 | 63 | 5550 | 0.733 | ug/L # | 83 |
| 42) Toluene | 7.397 | 91 | 4139 | 0.119 | ug/L | 88 |
| 48) 2-Hexanone | 8.143 | 43 | 11769 | 4.785 | ug/L # | 83 |
| 54) o-xylene | 9.545 | 106 | 1040 | 0.077 | ug/L | 95 |
| 61) 1,2,3-Trichloropropane | 11.249 | 75 | 5469 | 1.642 | ug/L # | 67 |

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

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Misc : 25.0mL/MSVOA_V/WATER
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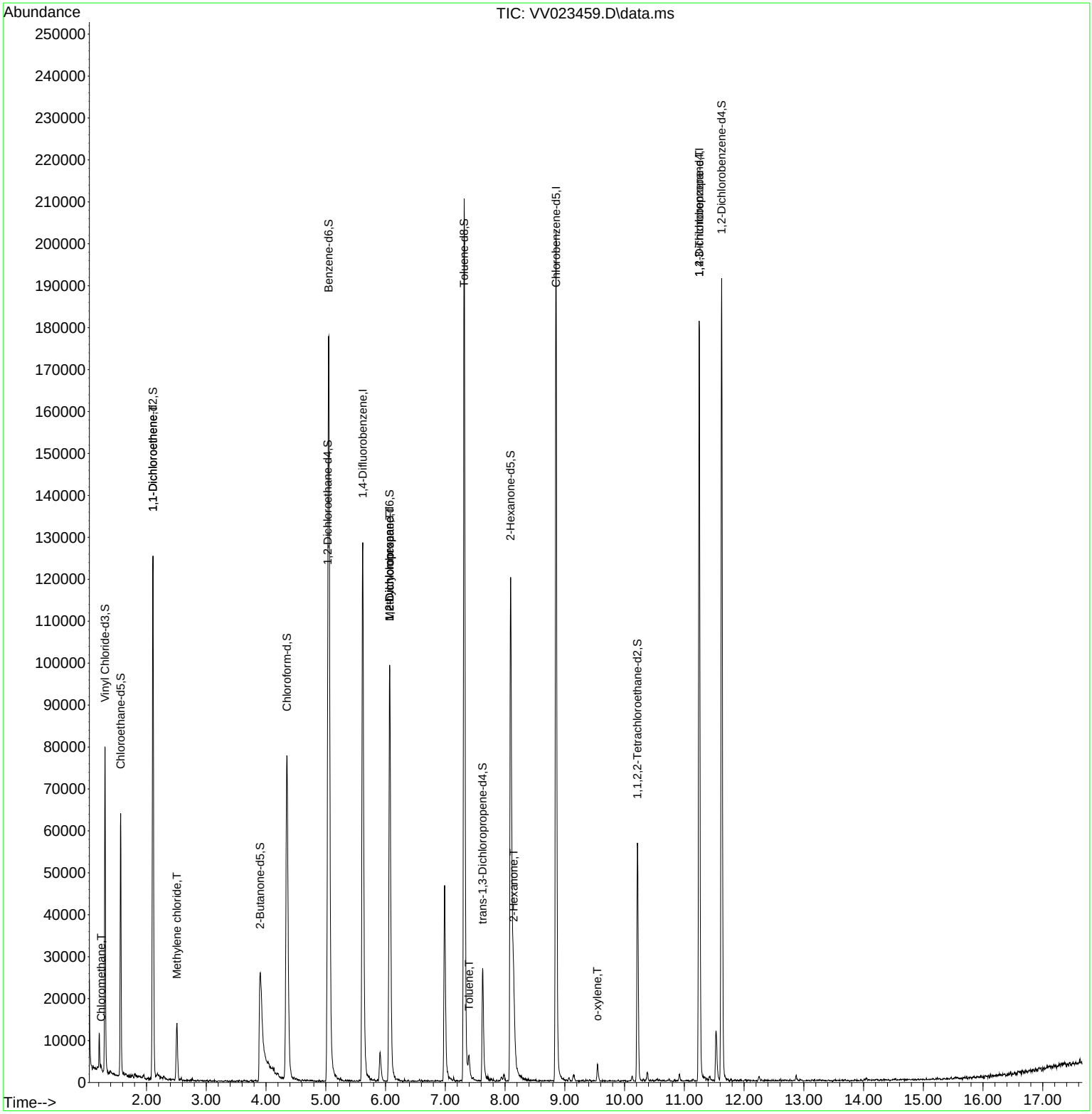
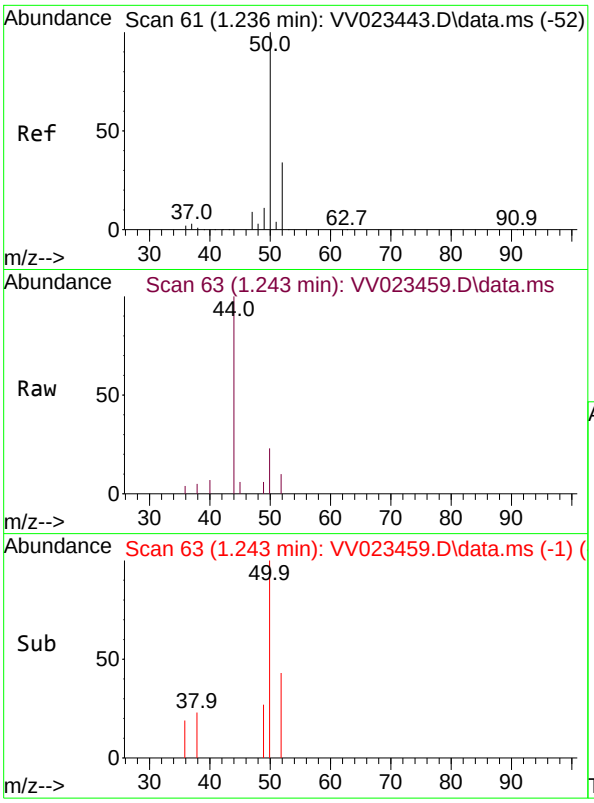
**Instrument :**
MSVOA_V
**ClientSampleId :**

Quant Time: Nov 13 01:59:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 13 01:39:11 2021
Response via : Initial Calibration



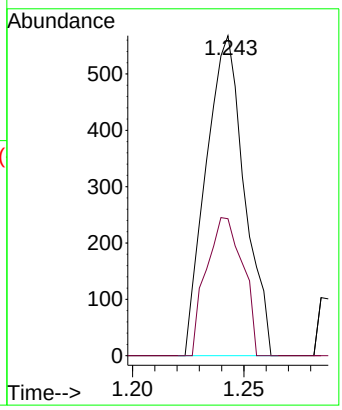


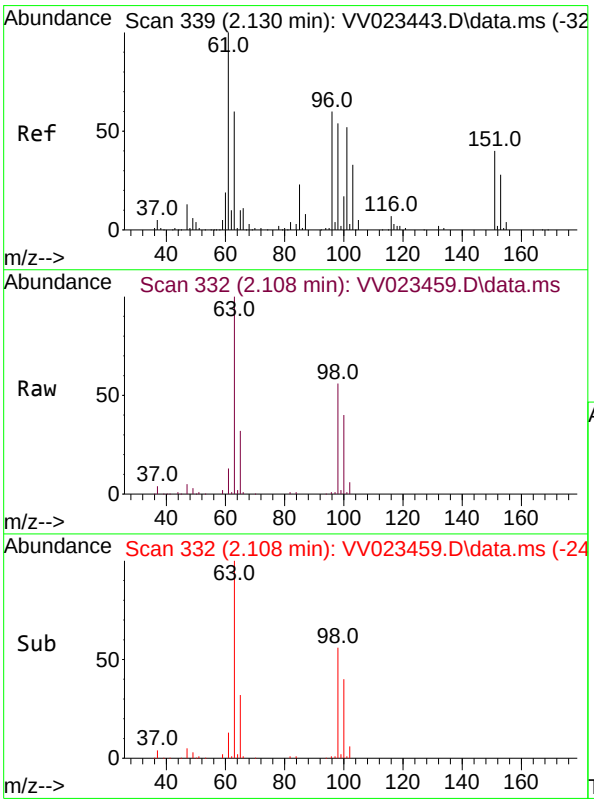

#3
Chloromethane
Concen: 0.072 ug/L
RT: 1.243 min Scan# 6
Delta R.T. 0.006 min
Lab File: VV023459.D
Acq: 12 Nov 2021 22:25

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion: 50 Resp: 680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 42.8 | 24.3 | 45.1 |

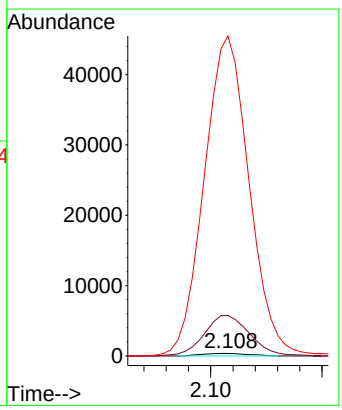


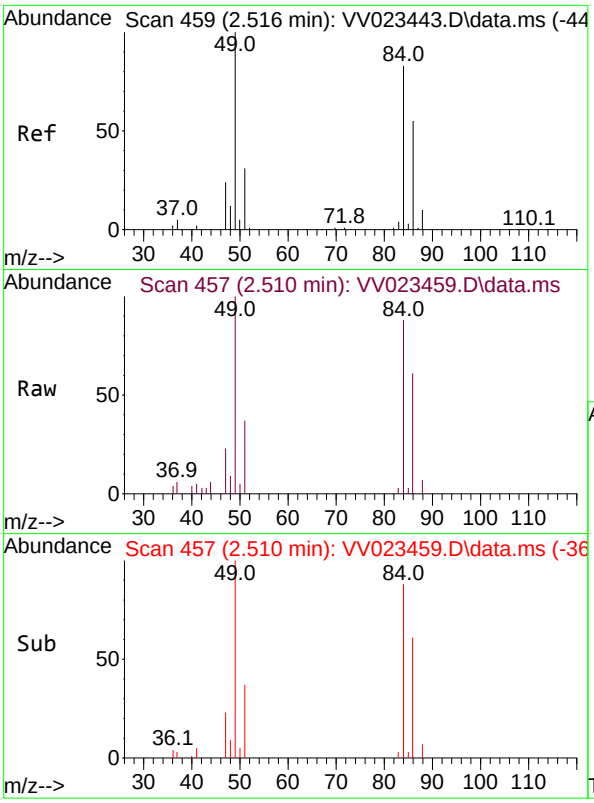




#12
1,1-Dichloroethene
Concen: 0.077 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.023 min
Lab File: VV023459.D
Acq: 12 Nov 2021 22:25

Tgt Ion: 96 Resp: 522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1559.6 | 121.5 | 225.7# |
| 63 | 12331.7 | 99.6 | 185.0# |



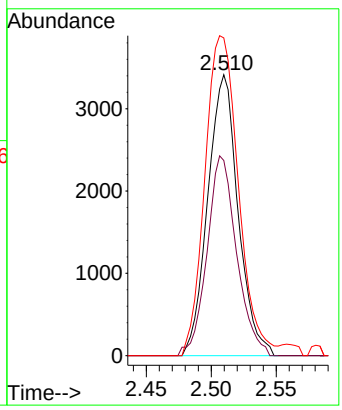


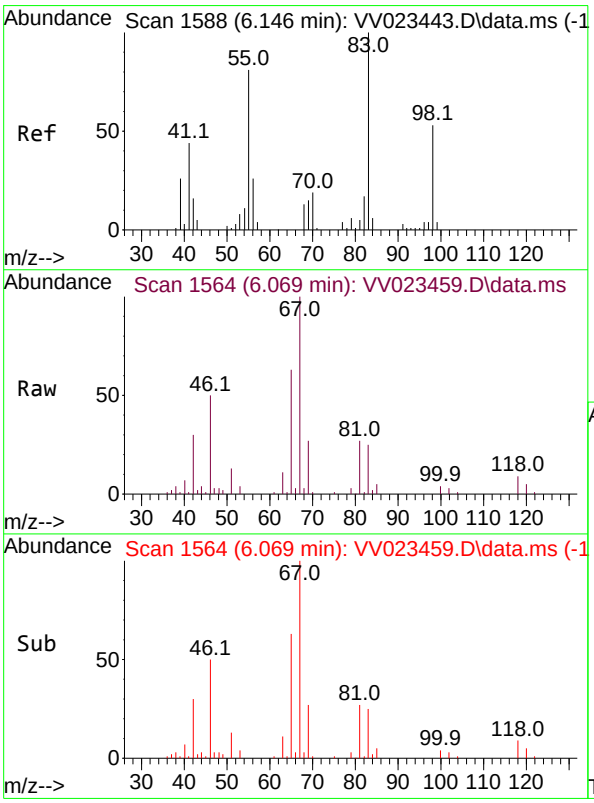

#16
Methylene chloride
Concen: 0.564 ug/L
RT: 2.510 min Scan# 4
Delta R.T. -0.007 min
Lab File: VV023459.D
Acq: 12 Nov 2021 22:25

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion: 84 Resp: 5549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 69.4 | 42.3 | 78.5 |
| 49 | 113.1 | 79.7 | 148.1 |

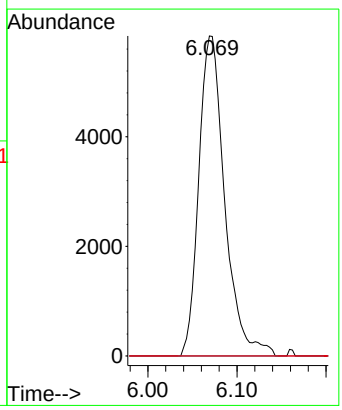


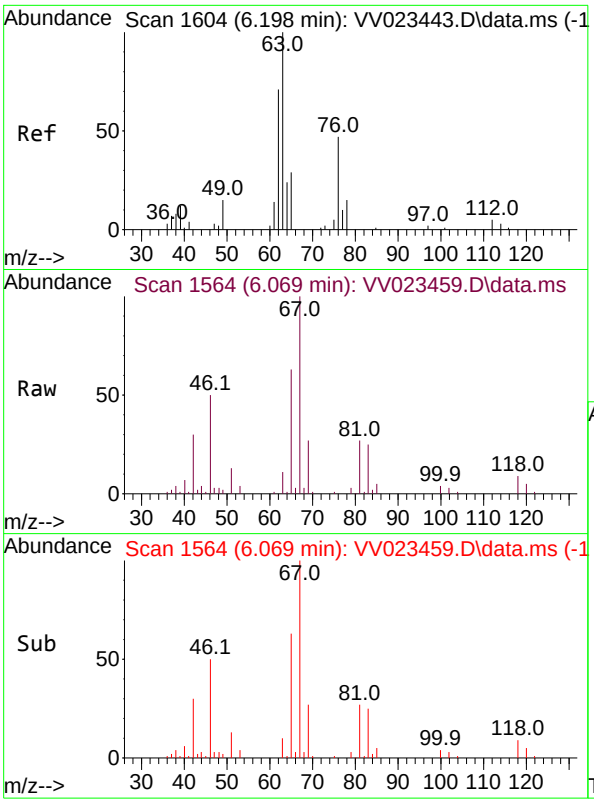




#35
Methylcyclohexane
Concen: 0.869 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.077 min
Lab File: VV023459.D
Acq: 12 Nov 2021 22:25

Tgt Ion: 83 Resp: 11818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 62.8 | 94.2# |
| 98 | 12.4 | 37.9 | 56.9# |



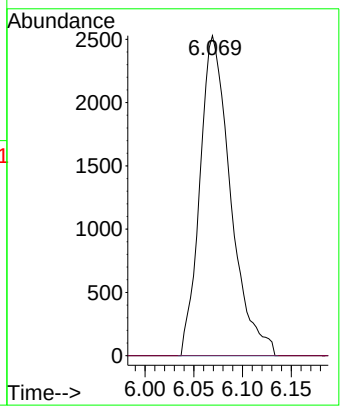


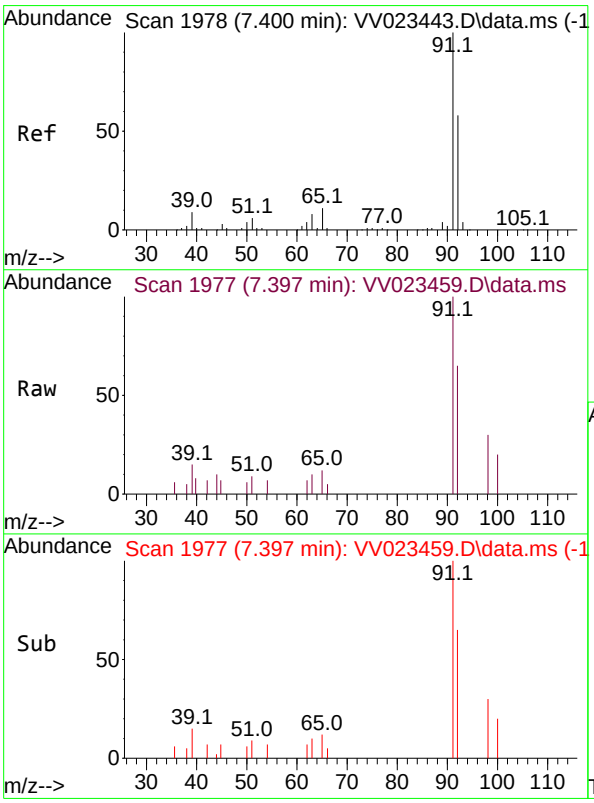

#37
1,2-Dichloropropane
Concen: 0.733 ug/L
RT: 6.069 min Scan# 1
Delta R.T. -0.129 min
Lab File: VV023459.D
Acq: 12 Nov 2021 22:25

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion: 63 Resp: 5550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 4.6 | 6.8# |

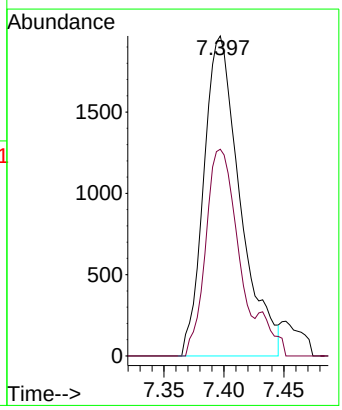


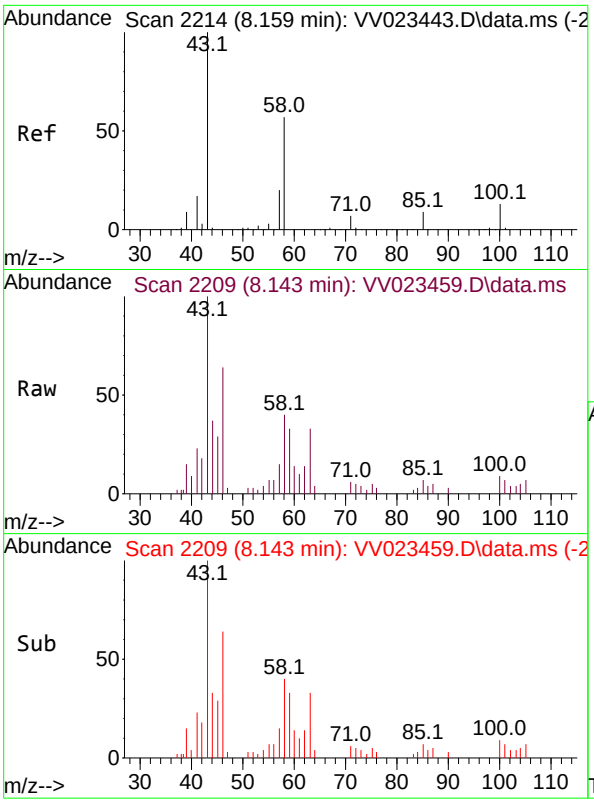




#42
Toluene
Concen: 0.119 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. -0.003 min
Lab File: VV023459.D
Acq: 12 Nov 2021 22:25

Tgt Ion: 91 Resp: 4139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 64.6 | 39.3 | 72.9 |



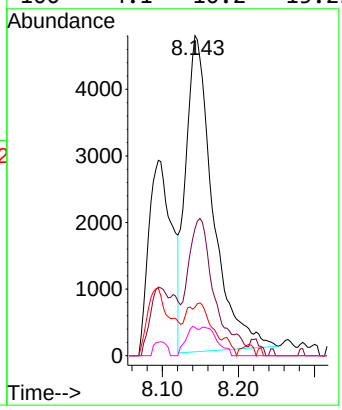


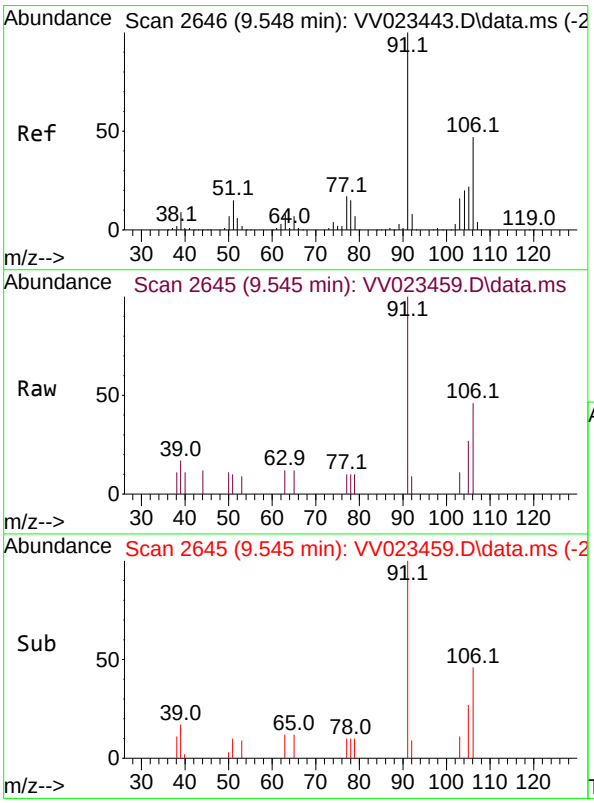

#48
2-Hexanone
Concen: 4.785 ug/L
RT: 8.143 min Scan# 2
Delta R.T. -0.016 min
Lab File: VV023459.D
Acq: 12 Nov 2021 22:25

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion: 43 Resp: 11769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 42.5 | 43.7 | 65.5# |
| 57 | 10.8 | 14.1 | 21.1# |
| 100 | 4.1 | 10.2 | 15.2# |

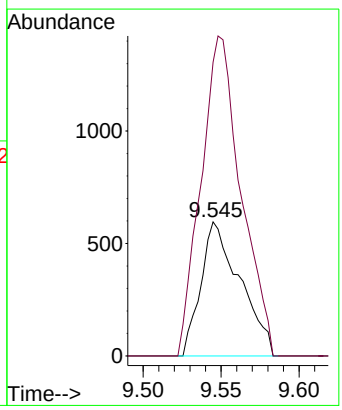


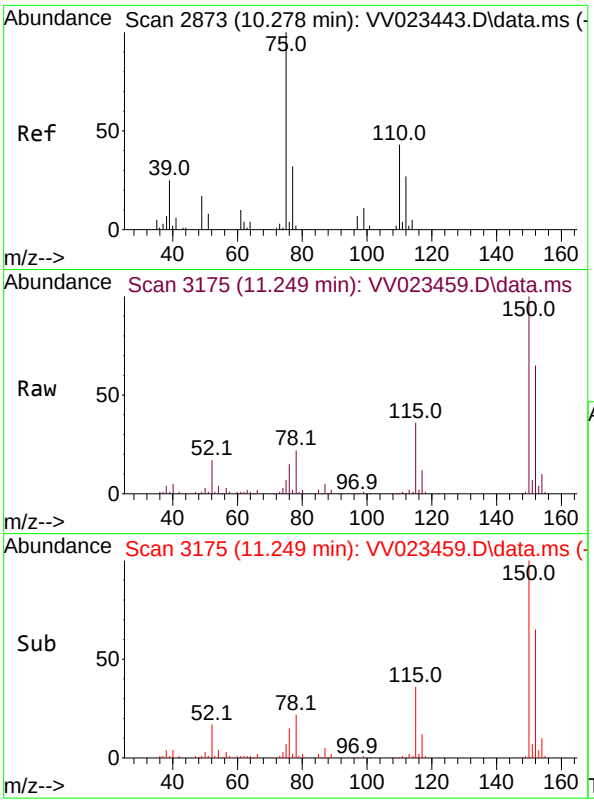




#54
o-xylene
Concen: 0.077 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.003 min
Lab File: VV023459.D
Acq: 12 Nov 2021 22:25

Tgt Ion:106 Resp: 1040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 219.1 | 148.3 | 275.5 |






#61
1,2,3-Trichloropropane
Concen: 1.642 ug/L
RT: 11.249 min Scan# 3
Delta R.T. 0.971 min
Lab File: VV023459.D
Acq: 12 Nov 2021 22:25

**Instrument :**
MSVOA_V
**ClientSampleId :**

Tgt Ion: 75 Resp: 5469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.1 | 26.6 | 39.8 |
| 110 | 3.1 | 31.8 | 47.6# |