Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
Data File : VU052298.D
Acq On : 09 Dec 2022 13:50
Operator : JC/MD
Sample : N5922-03 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**

Quant Time: Dec 09 23:11:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 08 04:19:43 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.247 | 114 | 237213 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.414 | 117 | 238410 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.809 | 152 | 91938 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.601 | 65 | 74125 | 3.212 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 64.200% | | | |
| 7) Chloroethane-d5 | 1.916 | 69 | 70967 | 3.960 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 79.200% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.568 | 65 | 31027 | 3.751 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 75.000% | | | |
| 20) 2-Butanone-d5 | 4.636 | 46 | 247486 | 59.173 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 118.340% | | | |
| 24) Chloroform-d | 5.060 | 84 | 155178 | 4.577 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 91.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.700 | 65 | 81908 | 4.783 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 95.600% | | | |
| 32) Benzene-d6 | 5.726 | 84 | 307944 | 4.351 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 87.000% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.687 | 67 | 105812 | 4.831 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 96.600% | | | |
| 41) Toluene-d8 | 7.896 | 98 | 234831 | 3.667 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 73.400% | | | |
| 43) trans-1,3-Dichloroprop... | 8.179 | 79 | 31469 | 3.942 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 78.800% | | | |
| 46) 2-Hexanone-d5 | 8.632 | 63 | 171641 | 50.740 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 101.480% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84 | 95904 | 5.050 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 101.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.189 | 152 | 85070 | 4.833 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 96.600% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.523 | 50 | 3498 | 0.130 | ug/L | 97 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.568 | 101 | 1055 | 0.061 | ug/L # | 20 |
| 16) Methylene chloride | 3.044 | 84 | 20472 | 0.879 | ug/L | 99 |
| 35) Methylcyclohexane | 6.687 | 83 | 23713 | 0.852 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 6.687 | 63 | 10744 | 0.535 | ug/L # | 89 |
| 61) 1,2,3-Trichloropropane | 11.809 | 75 | 11784 | 1.120 | ug/L # | 66 |
| 67) 1,2-Dichlorobenzene | 12.208 | 146 | 16449 | 0.579 | ug/L | 95 |

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

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Quant Time: Dec 09 23:11:45 2022
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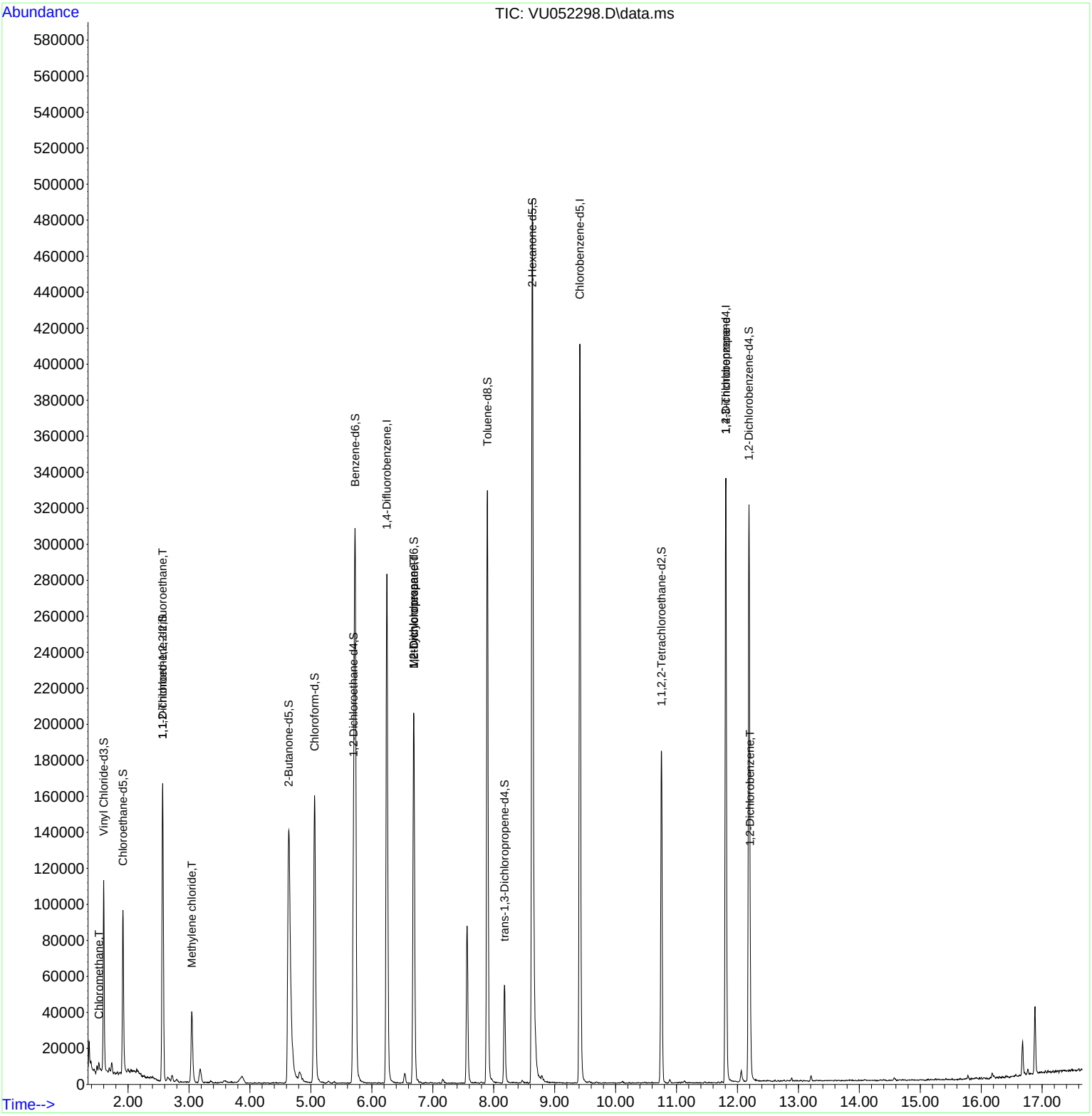
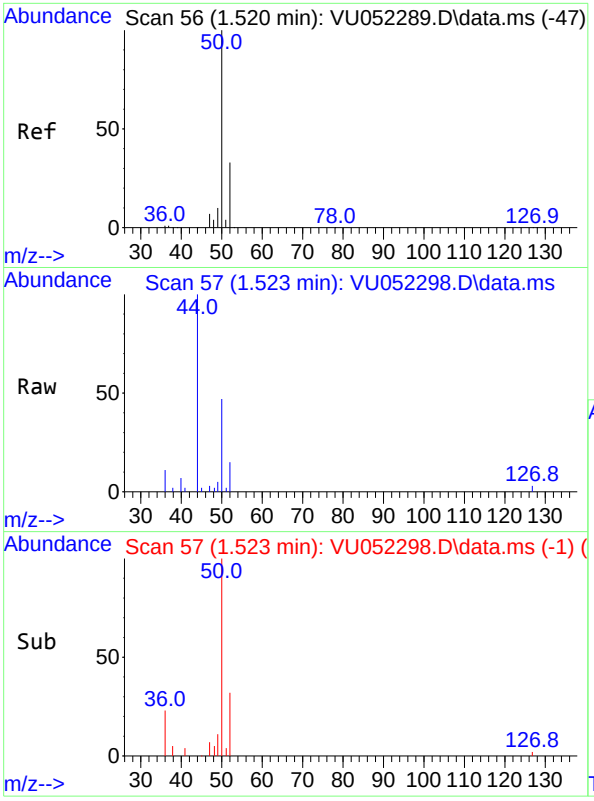
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 08 04:19:43 2022
Response via : Initial Calibration



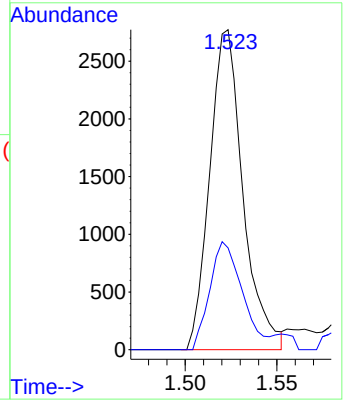


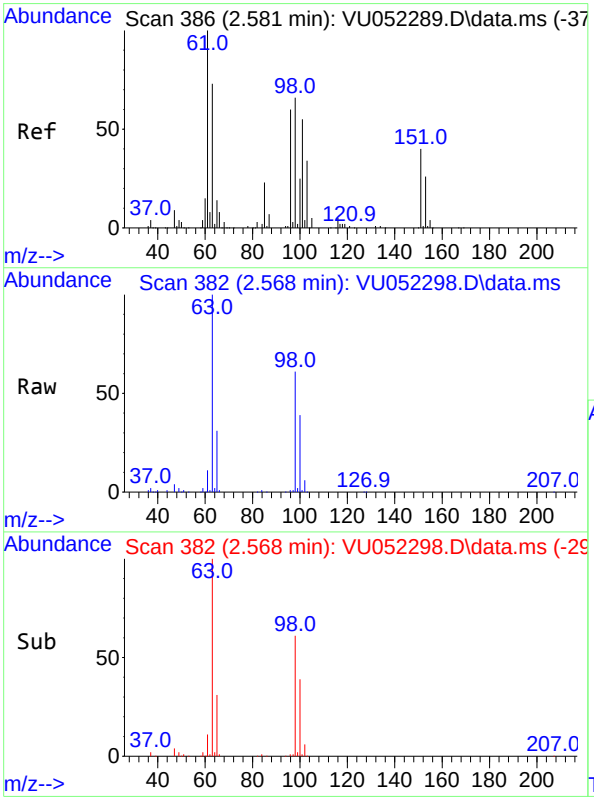

#3
Chloromethane
Concen: 0.130 ug/L
RT: 1.523 min Scan# 5
Delta R.T. 0.003 min
Lab File: VU052298.D
Acq: 09 Dec 2022 13:50

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion: 50 Resp: 3498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.8 | 23.4 | 43.4 |

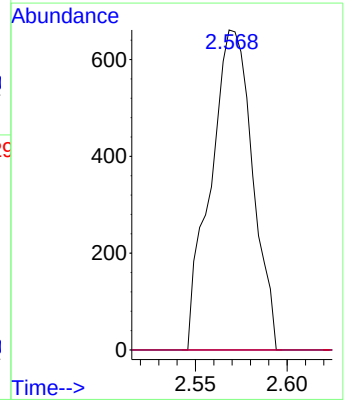


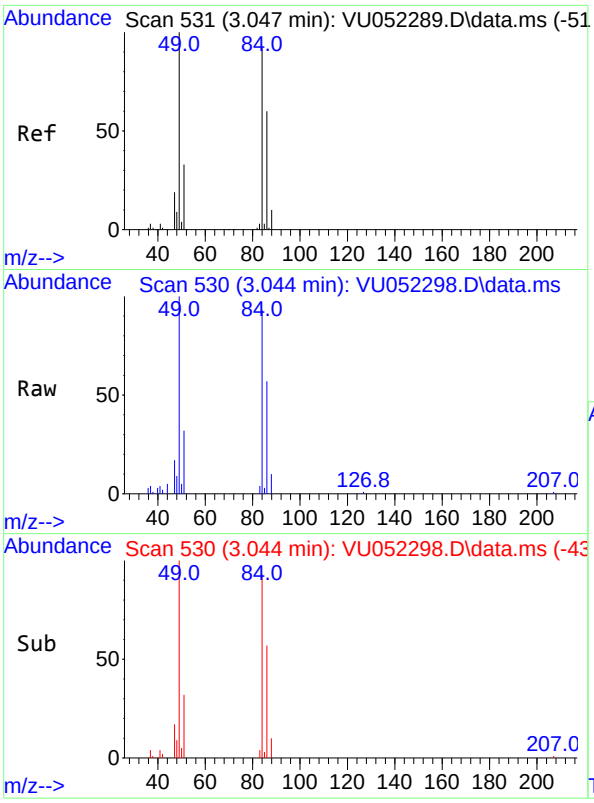




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.061 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU052298.D
Acq: 09 Dec 2022 13:50

Tgt Ion:101 Resp: 1055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 33.8 | 50.6# |
| 151 | 0.0 | 58.6 | 88.0# |



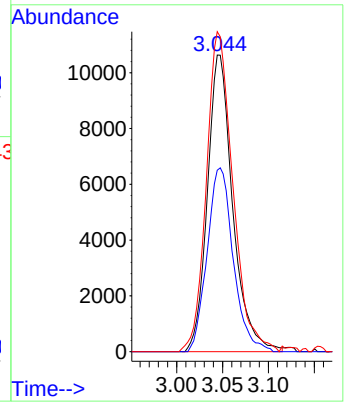


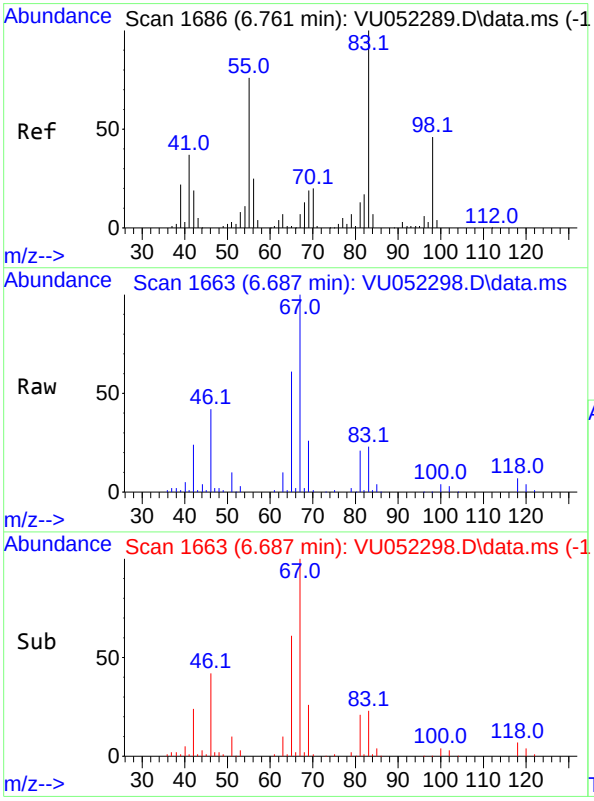

#16
Methylene chloride
Concen: 0.879 ug/L
RT: 3.044 min Scan# 5
Delta R.T. -0.003 min
Lab File: VU052298.D
Acq: 09 Dec 2022 13:50

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion: 84 Resp: 20472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 61.2 | 43.8 | 81.4 |
| 49 | 107.9 | 75.9 | 141.1 |

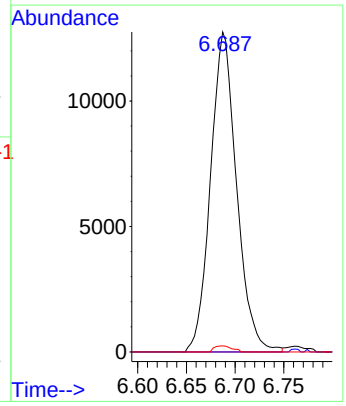


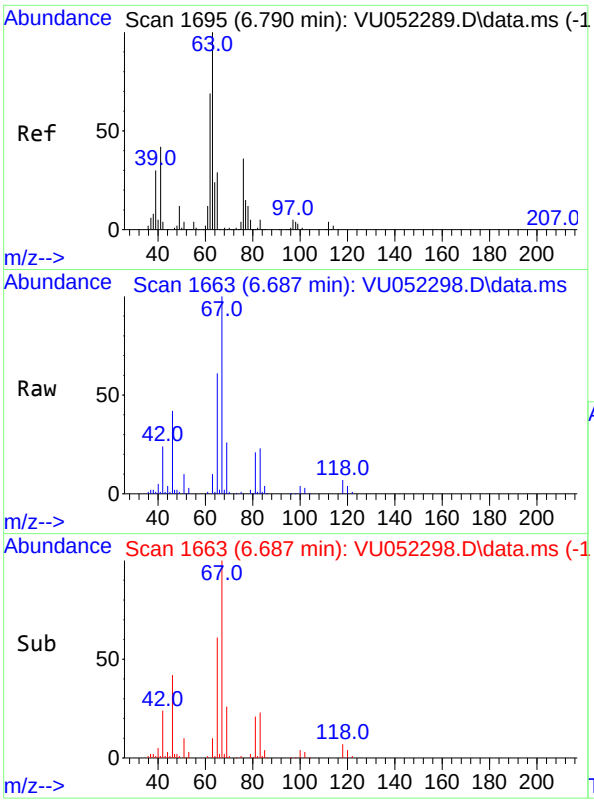




#35
Methylcyclohexane
Concen: 0.852 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052298.D
Acq: 09 Dec 2022 13:50

Tgt Ion: 83 Resp: 23713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.3 | 60.8 | 91.2# |
| 98 | 1.3 | 35.1 | 52.7# |



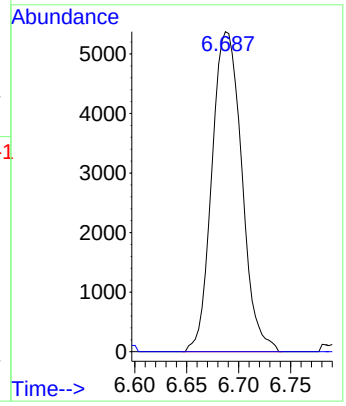


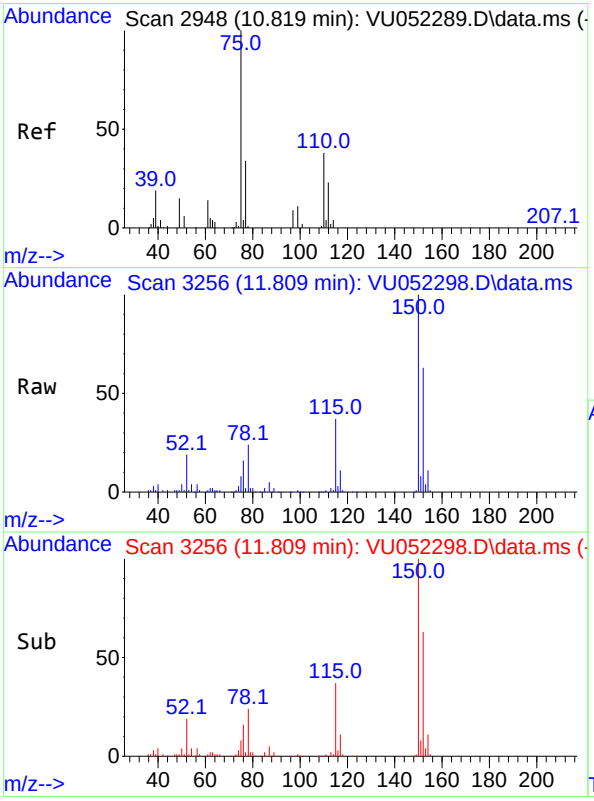

#37
1,2-Dichloropropane
Concen: 0.535 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU052298.D
Acq: 09 Dec 2022 13:50

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion: 63 Resp: 10744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.4 | 3.3 | 4.9# |

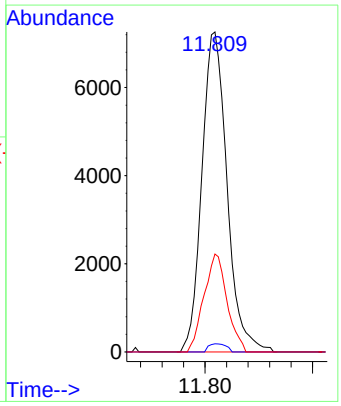


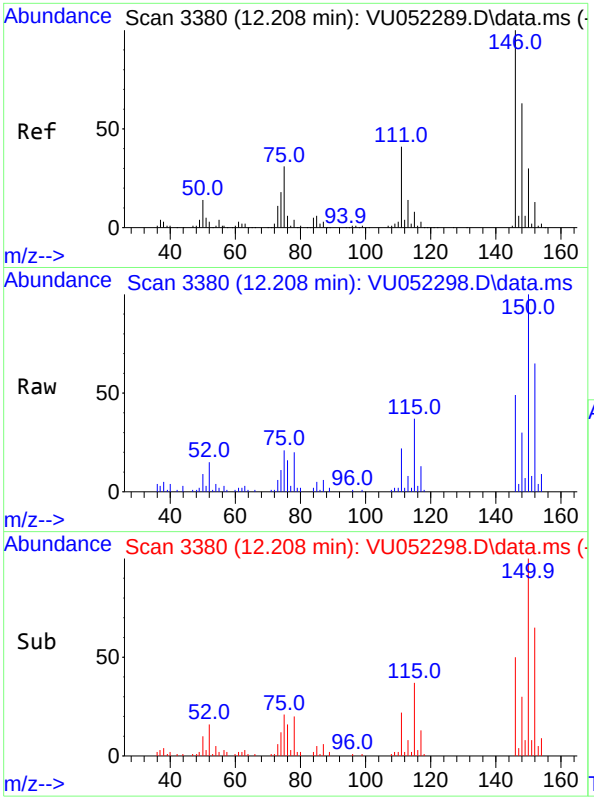




#61
1,2,3-Trichloropropane
Concen: 1.120 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052298.D
Acq: 09 Dec 2022 13:50

Tgt Ion: 75 Resp: 11784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 1.8 | 28.3 | 42.5# |
| 77 | 28.0 | 26.2 | 39.2 |






#67
1,2-Dichlorobenzene
Concen: 0.579 ug/L
RT: 12.208 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU052298.D
Acq: 09 Dec 2022 13:50

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion:146 Resp: 16449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.9 | 32.7 | 49.1 |
| 148 | 59.7 | 50.6 | 75.8 |