Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083122\
Data File : VU050568.D
Acq On : 31 Aug 2022 22:51
Operator : SY/MD
Sample : N4345-04ME 100X
Misc : 6.26g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
DBVS4ME

Quant Time: Sep 01 05:20:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 01 05:15:29 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.250 | 114 | 336006 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.417 | 117 | 346464 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.812 | 152 | 122475 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.597 | 65 | 101274 | 39.299 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 78.600% | | | |
| 7) Chloroethane-d5 | 1.906 | 69 | 85047 | 42.329 | ug/L | 0.01 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 84.660% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.562 | 63 | 136064 | 31.271 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 62.540% | | | |
| 21) 2-Butanone-d5 | 4.626 | 46 | 193492 | 85.851 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 85.850% | | | |
| 24) Chloroform-d | 5.060 | 84 | 228354 | 45.540 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 91.080% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.700 | 65 | 137598 | 42.245 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 84.480% | | | |
| 32) Benzene-d6 | 5.726 | 84 | 432780 | 40.302 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 80.600% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.690 | 67 | 157405 | 44.023 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 88.040% | | | |
| 41) Toluene-d8 | 7.899 | 98 | 372164 | 39.838 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 79.680%# | | | |
| 43) trans-1,3-Dichloroprop... | 8.179 | 79 | 50169 | 34.889 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 69.780% | | | |
| 47) 2-Hexanone-d5 | 8.636 | 63 | 72894 | 56.307 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 56.310% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754 | 84 | 222841 | 39.957 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 79.920% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.195 | 152 | 109456 | 41.278 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 82.560% | | | |
| Target Compounds | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.565 | 101 | 1395 | 0.630 | ug/L # | 20 |
| 12) 1,1-Dichloroethene | 2.565 | 96 | 937 | 0.405 | ug/L # | 1 |
| 35) Methylcyclohexane | 6.690 | 83 | 36612 | 9.428 | ug/L # | 19 |
| 39) cis-1,3-Dichloropropene | 7.565 | 75 | 2941 | 0.648 | ug/L # | 65 |
| 46) Tetrachloroethene | 8.555 | 164 | 13303 | 6.584 | ug/L | 98 |
| 48) 2-Hexanone | 8.684 | 43 | 31733 | 7.442 | ug/L # | 98 |
| 49) Dibromochloromethane | 8.552 | 129 | 13024 | 4.485 | ug/L # | 10 |
| 60) 1,2,3-Trichloropropane | 11.809 | 75 | 15191 | 4.132 | ug/L # | 68 |

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

Quantitation Report (Not Reviewed)

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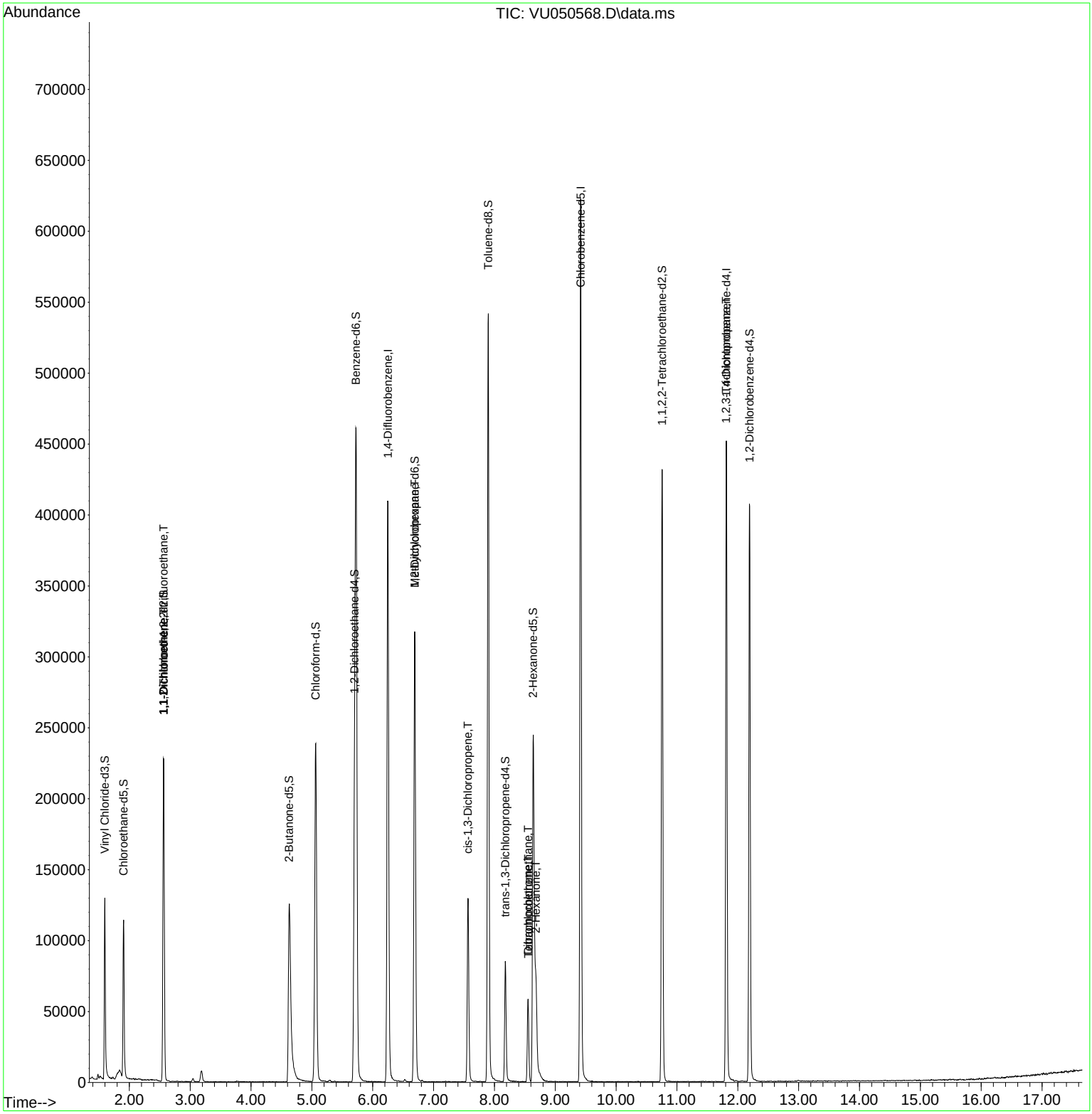
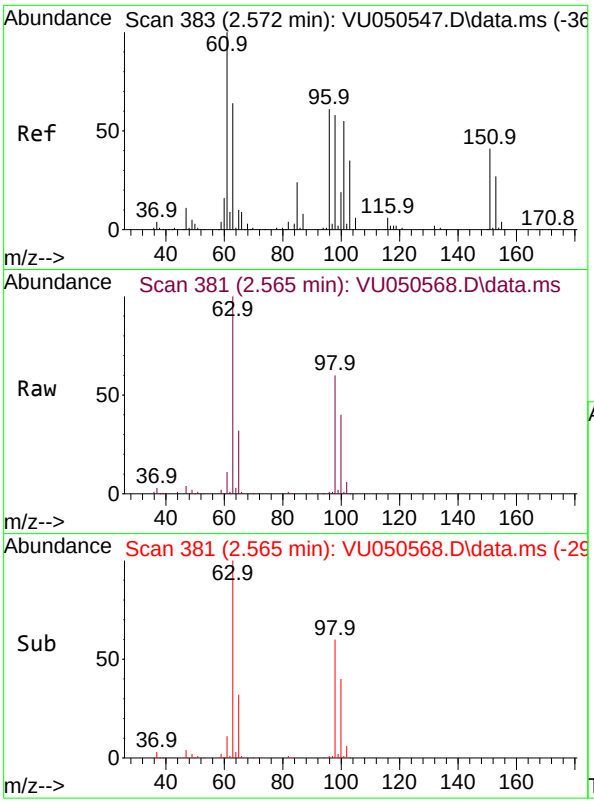
Acq On : 31 Aug 2022 22:51
Operator : SY/MD
Sample : N4345-04ME 100X
Misc : 6.26g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
DBVS4ME

Quant Time: Sep 01 05:20:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 01 05:15:29 2022
Response via : Initial Calibration



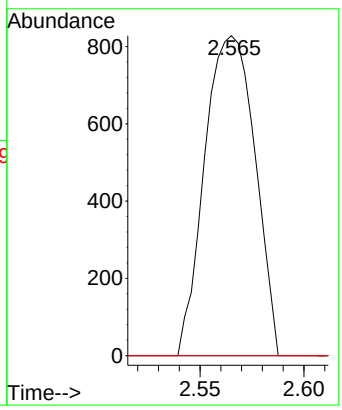


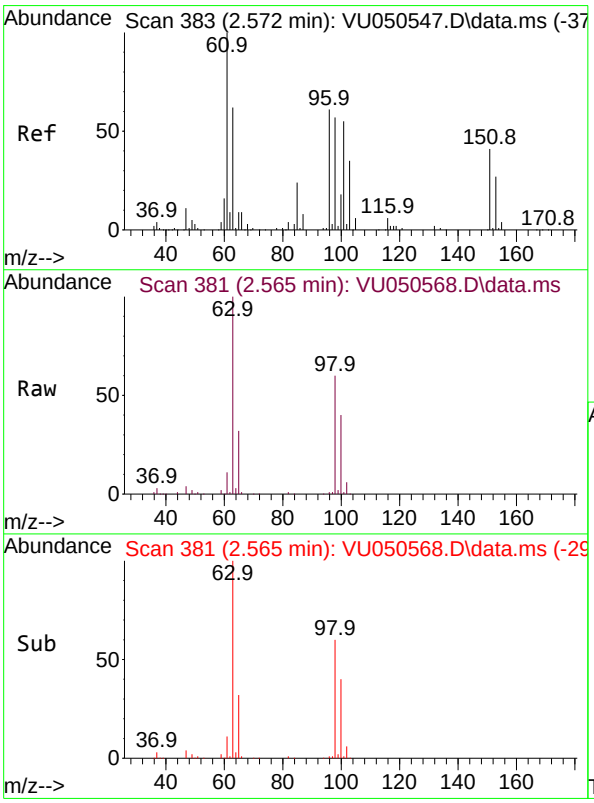

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.630 ug/L
RT: 2.565 min Scan# 3
Delta R.T. -0.007 min
Lab File: VU050568.D
Acq: 31 Aug 2022 22:51

**Instrument :**
MSVOA_U
**ClientSampleId :**
DBVS4ME

Tgt Ion:101 Resp: 1395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 34.6 | 52.0# |
| 151 | 0.0 | 58.2 | 87.2# |

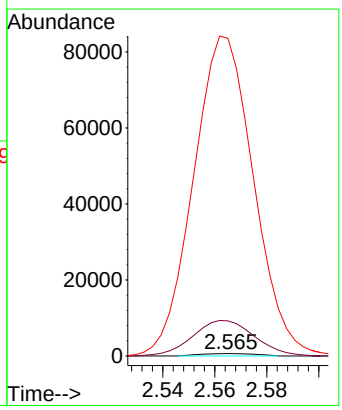


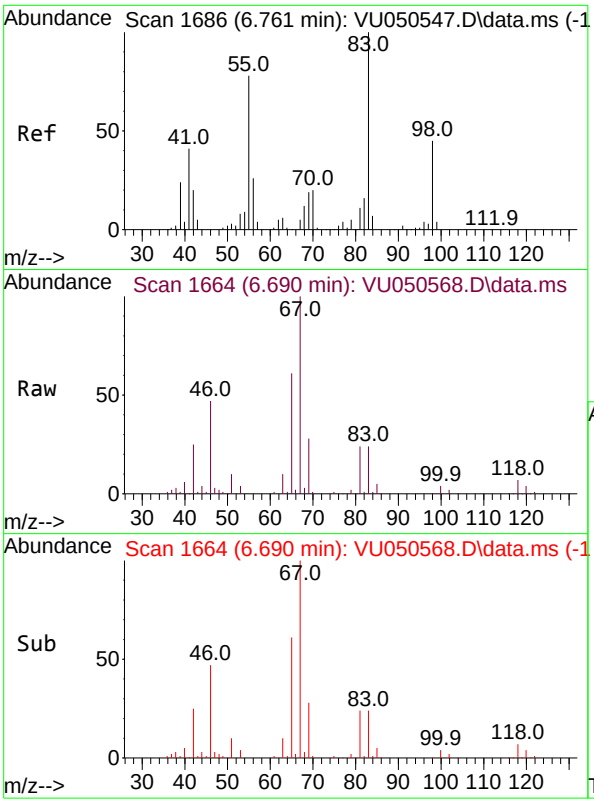




#12
1,1-Dichloroethene
Concen: 0.405 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.007 min
Lab File: VU050568.D
Acq: 31 Aug 2022 22:51

Tgt Ion: 96 Resp: 937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1487.7 | 113.5 | 210.9# |
| 63 | 13480.0 | 78.0 | 144.9# |



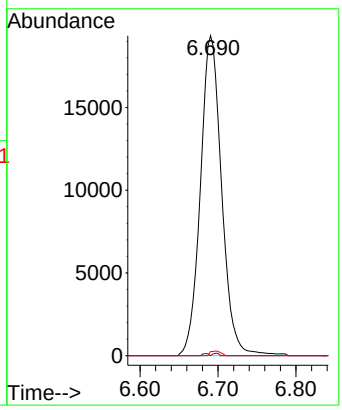


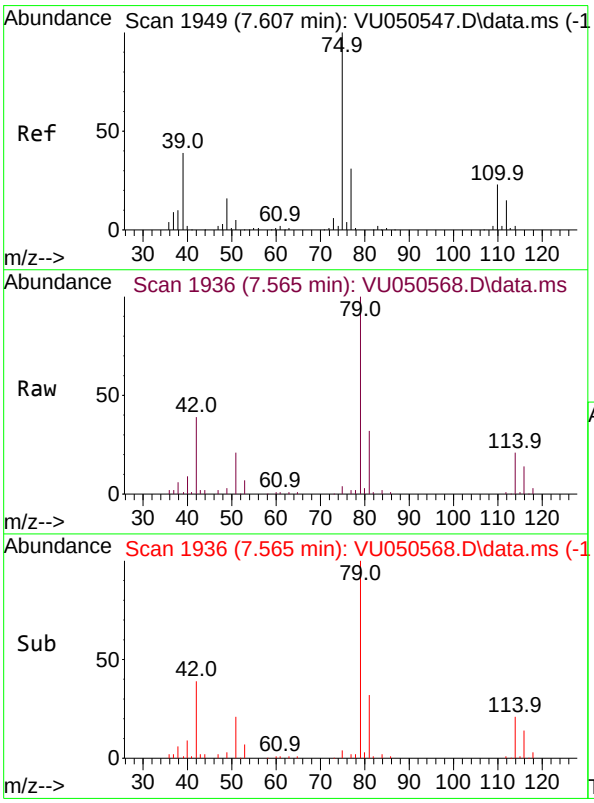

#35
Methylcyclohexane
Concen: 9.428 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU050568.D
Acq: 31 Aug 2022 22:51

**Instrument :**
MSVOA_U
**ClientSampleId :**
DBVS4ME

Tgt Ion: 83 Resp: 36612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.2 | 61.0 | 91.4# |
| 98 | 0.5 | 35.7 | 53.5# |

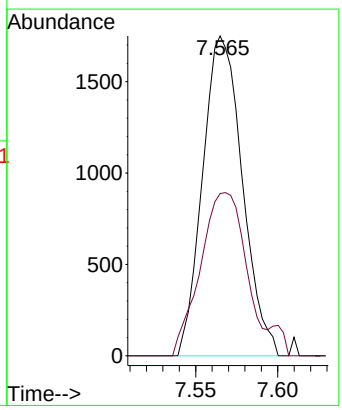


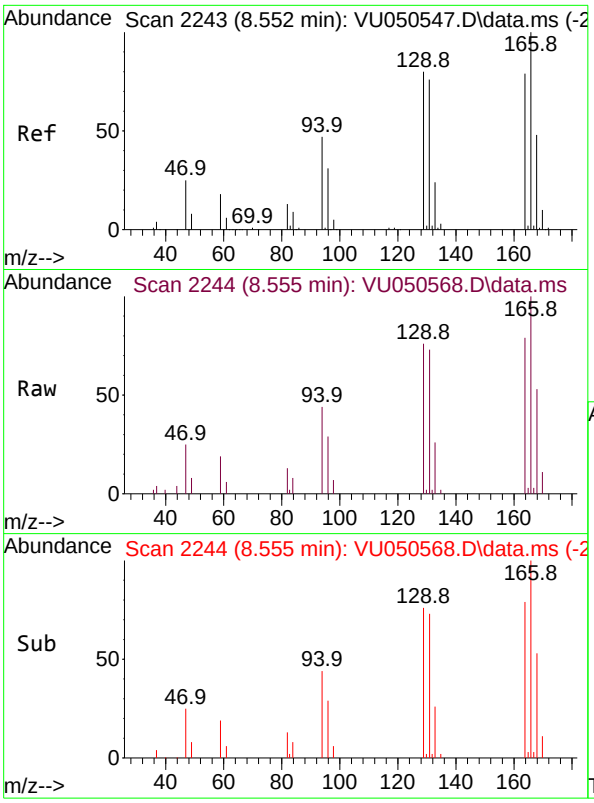




#39
cis-1,3-Dichloropropene
Concen: 0.648 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU050568.D
Acq: 31 Aug 2022 22:51

Tgt Ion: 75 Resp: 2941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 50.7 | 22.1 | 41.1# |



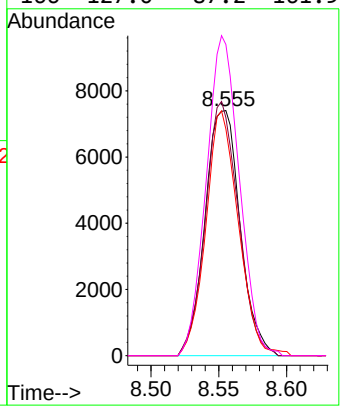


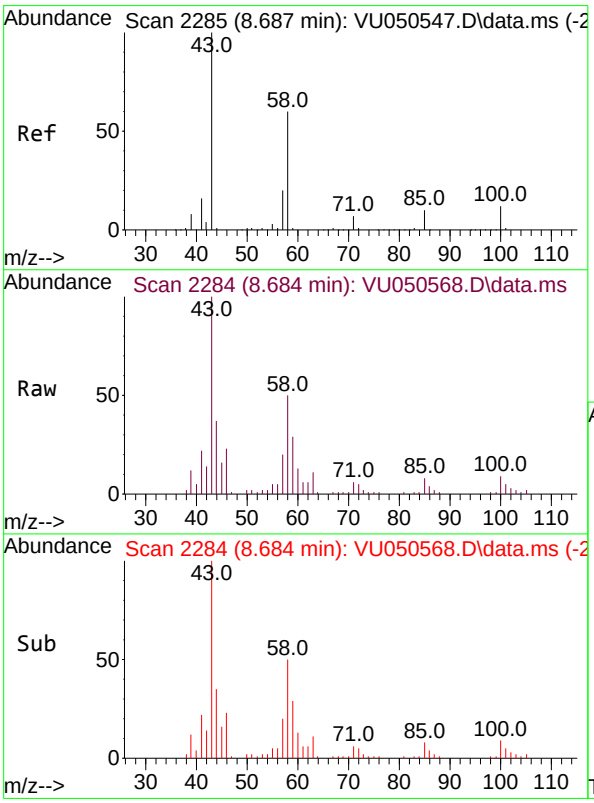

#46
Tetrachloroethene
Concen: 6.584 ug/L
RT: 8.555 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU050568.D
Acq: 31 Aug 2022 22:51

**Instrument :**
MSVOA_U
**ClientSampleId :**
DBVS4ME

Tgt Ion:164 Resp: 13303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 97.1 | 67.5 | 125.3 |
| 131 | 92.5 | 63.8 | 118.4 |
| 166 | 127.0 | 87.2 | 161.9 |

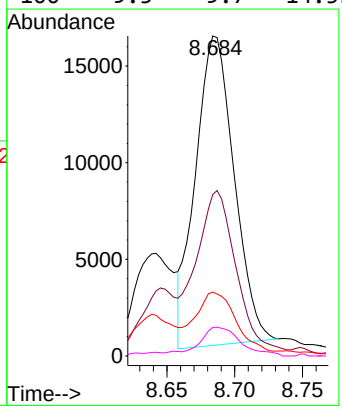


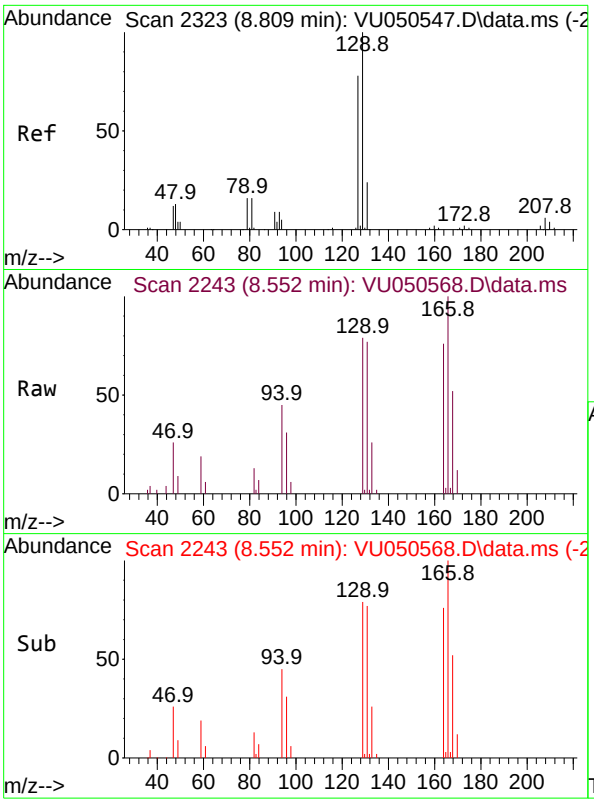




#48
2-Hexanone
Concen: 7.442 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. -0.003 min
Lab File: VU050568.D
Acq: 31 Aug 2022 22:51

Tgt Ion: 43 Resp: 31733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 57.2 | 46.6 | 69.8 |
| 57 | 20.2 | 15.8 | 23.6 |
| 100 | 9.5 | 9.7 | 14.5# |



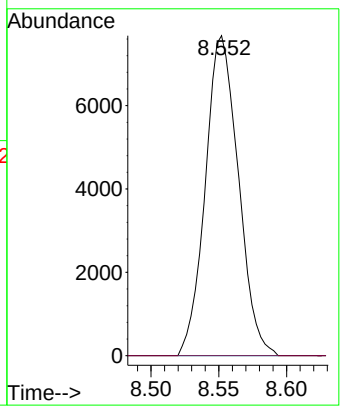


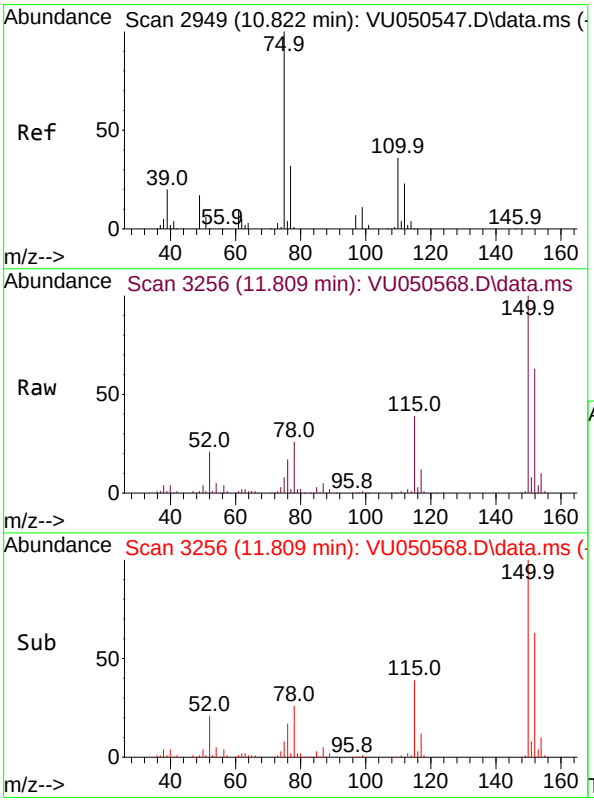

#49
Dibromochloromethane
Concen: 4.485 ug/L
RT: 8.552 min Scan# 2
Delta R.T. -0.257 min
Lab File: VU050568.D
Acq: 31 Aug 2022 22:51

**Instrument :**
MSVOA_U
**ClientSampleId :**
DBVS4ME

Tgt Ion:129 Resp: 13024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 54.9 | 101.9# |




#60
1,2,3-Trichloropropane
Concen: 4.132 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU050568.D
Acq: 31 Aug 2022 22:51

Tgt Ion: 75 Resp: 15191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.1 | 26.2 | 39.4 |
| 110 | 2.2 | 29.0 | 43.6# |