Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072622\
Data File : VV026955.D
Acq On : 26 Jul 2022 16:44
Operator : SY/MD
Sample : N3880-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUF1

Quant Time: Jul 27 01:42:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 27 01:39:23 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.612 | 114 | 560461 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.850 | 117 | 556184 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.249 | 152 | 265070 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.301 | 65 | 180463 | 38.391 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = | 76.780% | | |
| 7) Chloroethane-d5 | 1.561 | 69 | 130988 | 34.445 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = | 68.900%# | | |
| 11) 1,1-Dichloroethene-d2 | 2.098 | 63 | 289188 | 34.196 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 68.400% | | |
| 21) 2-Butanone-d5 | 3.886 | 46 | 265764 | 83.879 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = | 83.880% | | |
| 24) Chloroform-d | 4.342 | 84 | 366167 | 39.581 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 79.160% | | |
| 26) 1,2-Dichloroethane-d4 | 5.027 | 65 | 218566 | 41.303 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 82.600% | | |
| 32) Benzene-d6 | 5.043 | 84 | 715391 | 42.552 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 85.100% | | |
| 36) 1,2-Dichloropropane-d6 | 6.066 | 67 | 236092 | 43.576 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = | 87.160% | | |
| 41) Toluene-d8 | 7.313 | 98 | 664269 | 45.157 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 90.320% | | |
| 43) trans-1,3-Dichloroprop... | 7.619 | 79 | 97573 | 42.980 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 85.960% | | |
| 47) 2-Hexanone-d5 | 8.088 | 63 | 190086 | 80.576 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = | 80.580% | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.213 | 84 | 350866 | 42.629 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = | 85.260% | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.622 | 152 | 237124 | 47.683 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 95.360% | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.240 | 50 | 125304 | 23.142 | ug/L | 100 |
| 13) Acetone | 2.178 | 43 | 207131 | 93.104 | ug/L | 97 |
| 27) 1,2-Dichloroethane | 5.091 | 62 | 6850 | 1.079 | ug/L # | 71 |
| 31) Carbon tetrachloride | 4.821 | 117 | 174866 | 27.178 | ug/L | 100 |
| 33) Benzene | 5.091 | 78 | 1024024 | 57.252 | ug/L | 100 |
| 37) 1,2-Dichloropropane | 6.169 | 63 | 129178 | 27.749 | ug/L | 99 |
| 39) cis-1,3-Dichloropropene | 6.985 | 75 | 5459 | 0.845 | ug/L # | 67 |
| 40) 4-Methyl-2-pentanone | 7.226 | 43 | 500901 | 90.416 | ug/L | 100 |
| 42) Toluene | 7.384 | 91 | 1686171 | 92.359 | ug/L | 98 |
| 49) Dibromochloromethane | 8.242 | 129 | 135055 | 26.064 | ug/L | 96 |
| 52) Ethylbenzene | 9.011 | 91 | 2347071 | 123.853 | ug/L | 99 |
| 53) m,p-Xylene | 9.133 | 106 | 556346 | 74.978 | ug/L | 99 |
| 59) Bromoform | 9.728 | 173 | 110146 | 37.193 | ug/L | 99 |

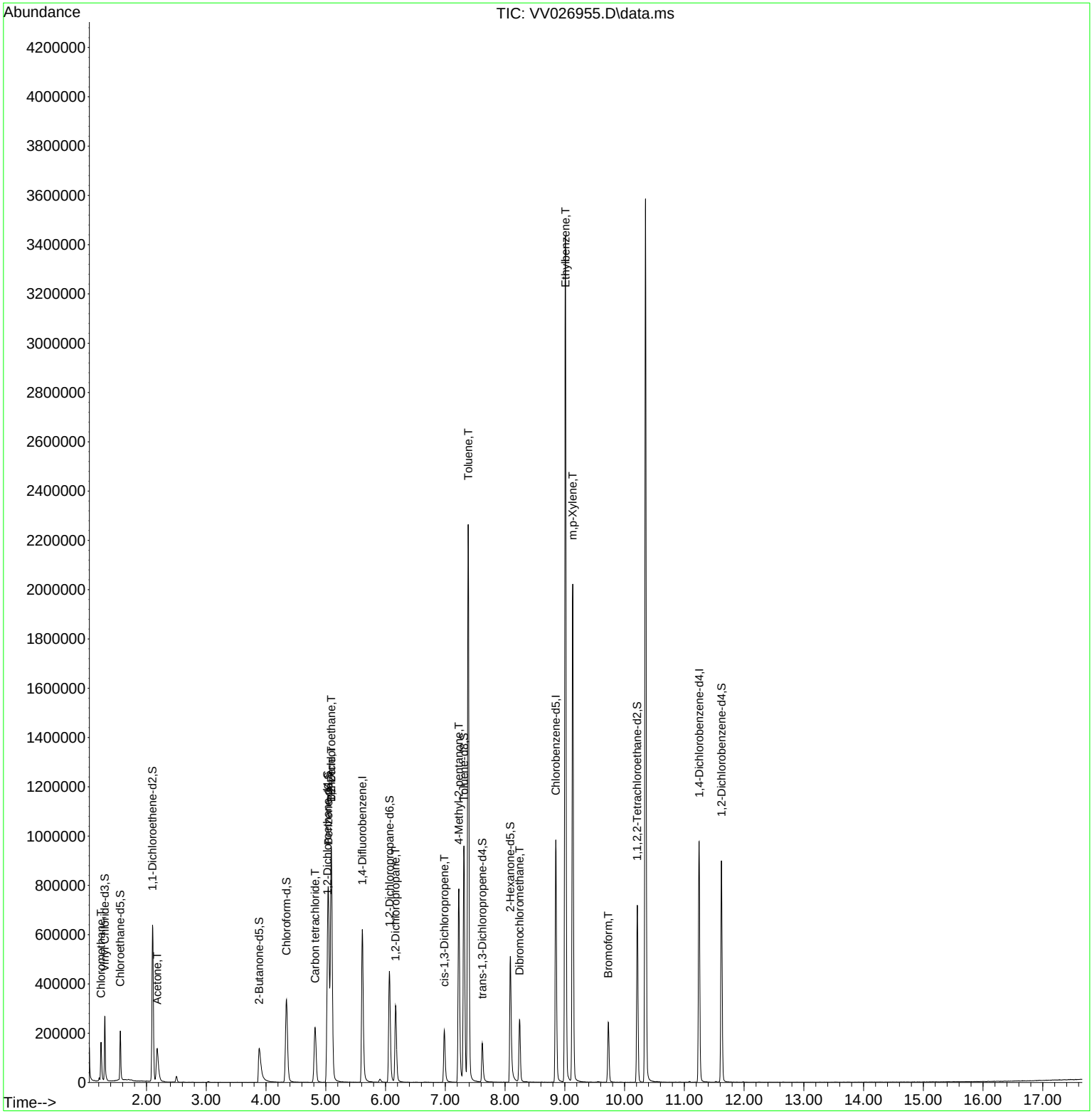
(#) = qualifier out of range (m) = manual integration (+) = signals summed

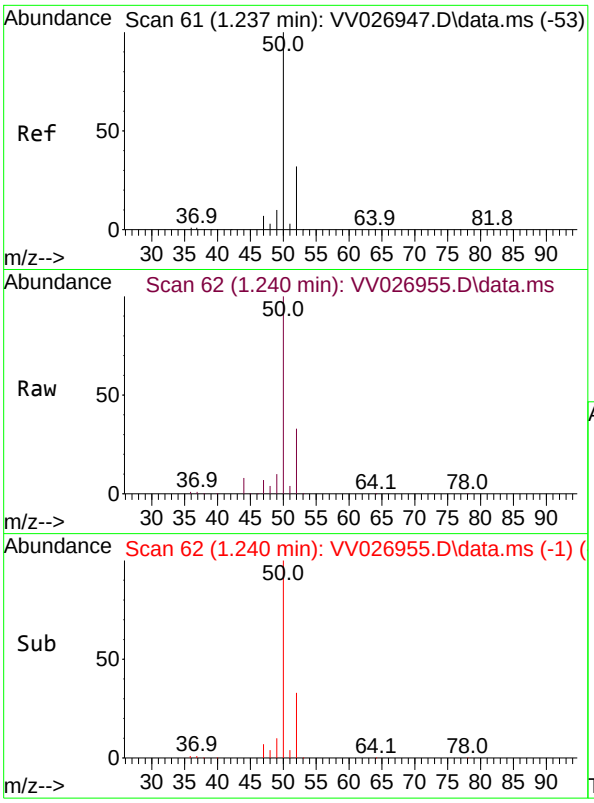
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072622\
Data File : VV026955.D
Acq On : 26 Jul 2022 16:44
Operator : SY/MD
Sample : N3880-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUF1

Quant Time: Jul 27 01:42:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 27 01:39:23 2022
Response via : Initial Calibration



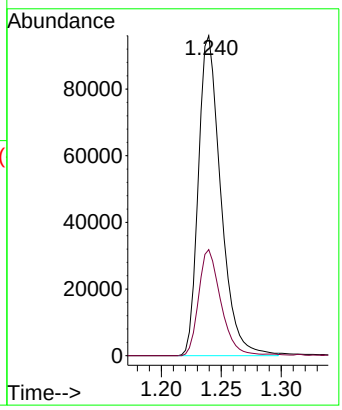


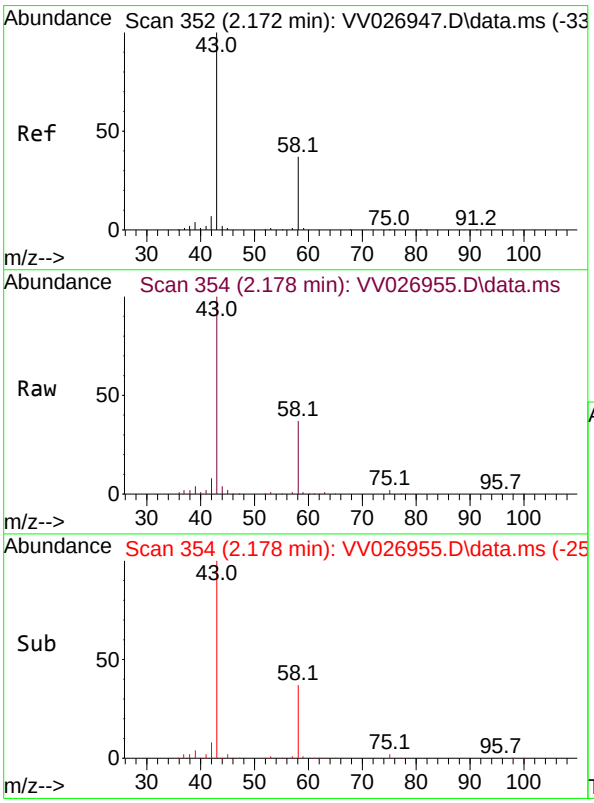

#3
Chloromethane
Concen: 23.142 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV026955.D
Acq: 26 Jul 2022 16:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUF1

Tgt Ion: 50 Resp: 125304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.2 | 23.1 | 42.9 |

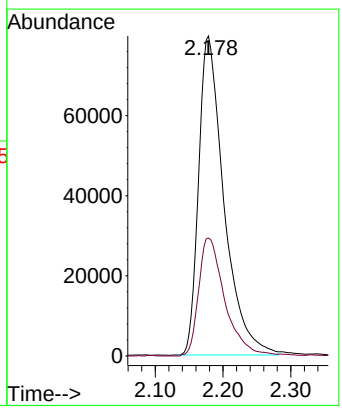


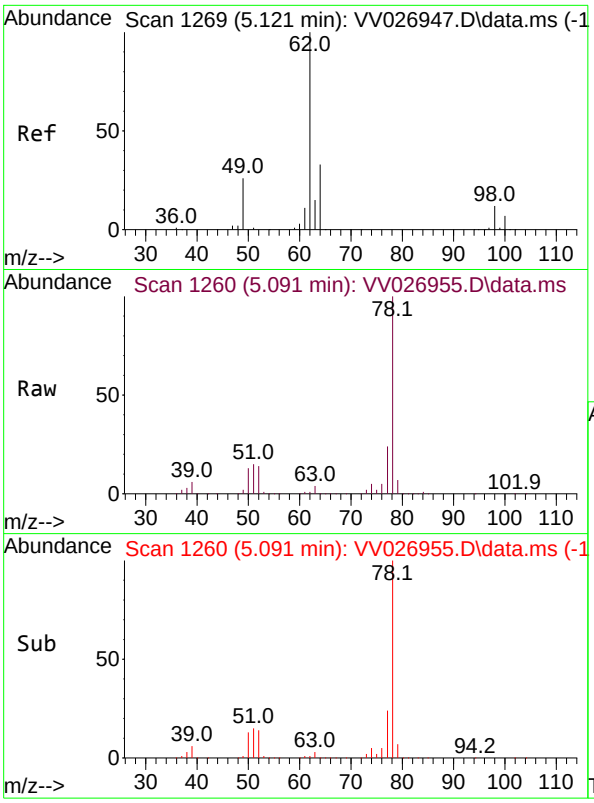




#13
Acetone
Concen: 93.104 ug/L
RT: 2.178 min Scan# 354
Delta R.T. 0.006 min
Lab File: VV026955.D
Acq: 26 Jul 2022 16:44

Tgt Ion: 43 Resp: 207131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.1 | 0.0 | 72.6 |



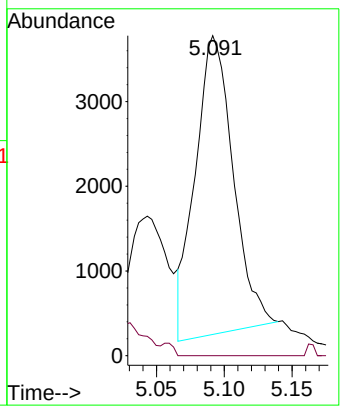


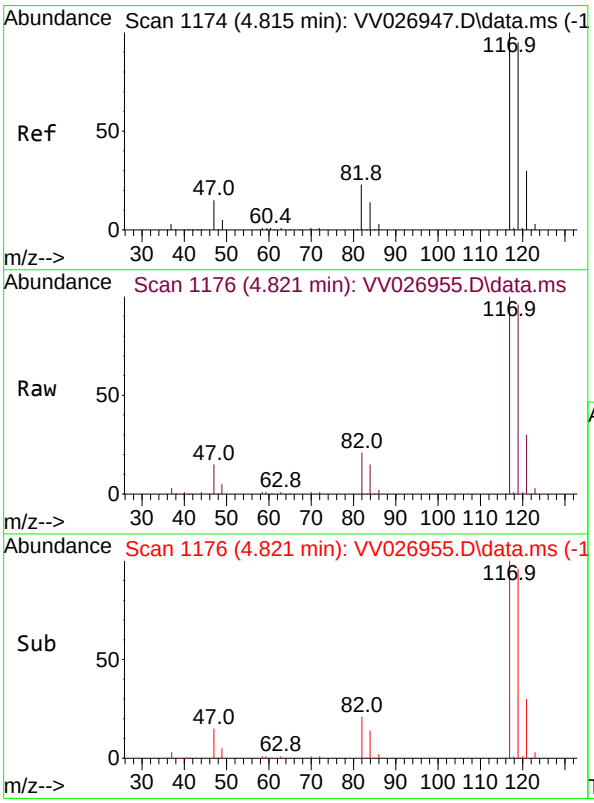

#27
1,2-Dichloroethane
Concen: 1.079 ug/L
RT: 5.091 min Scan# 1
Delta R.T. -0.029 min
Lab File: VV026955.D
Acq: 26 Jul 2022 16:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUF1

Tgt Ion: 62 Resp: 6850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 8.9 | 13.3# |

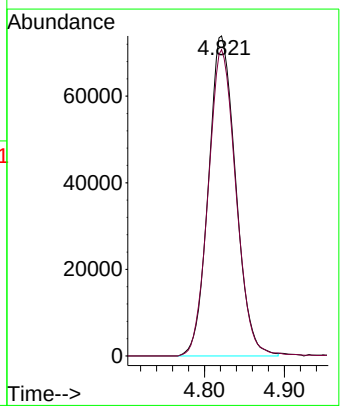


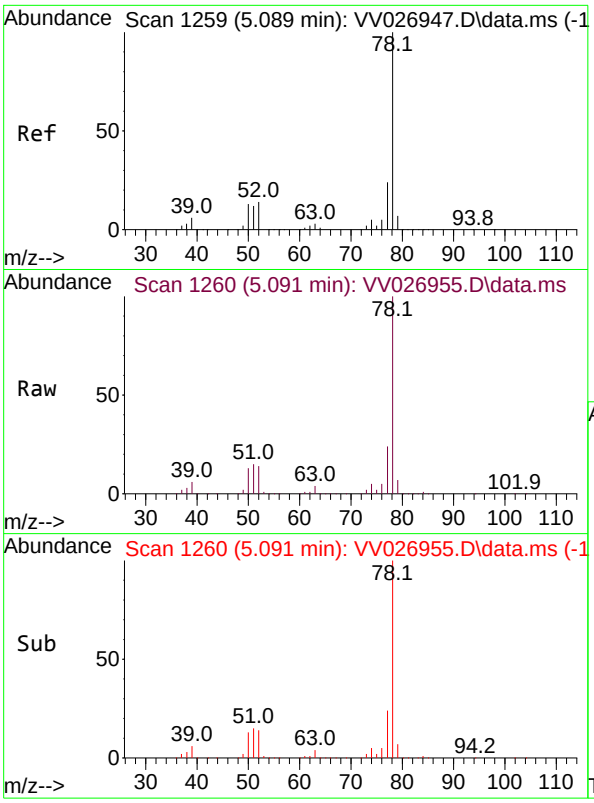




#31
Carbon tetrachloride
Concen: 27.178 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. 0.006 min
Lab File: VV026955.D
Acq: 26 Jul 2022 16:44

Tgt Ion:117 Resp: 174866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.0 | 77.3 | 115.9 |

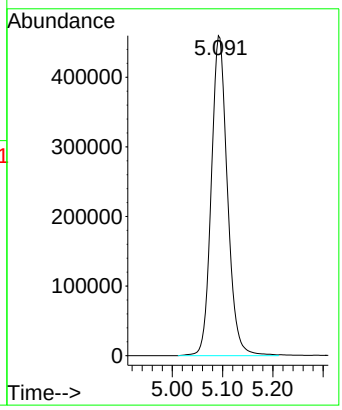


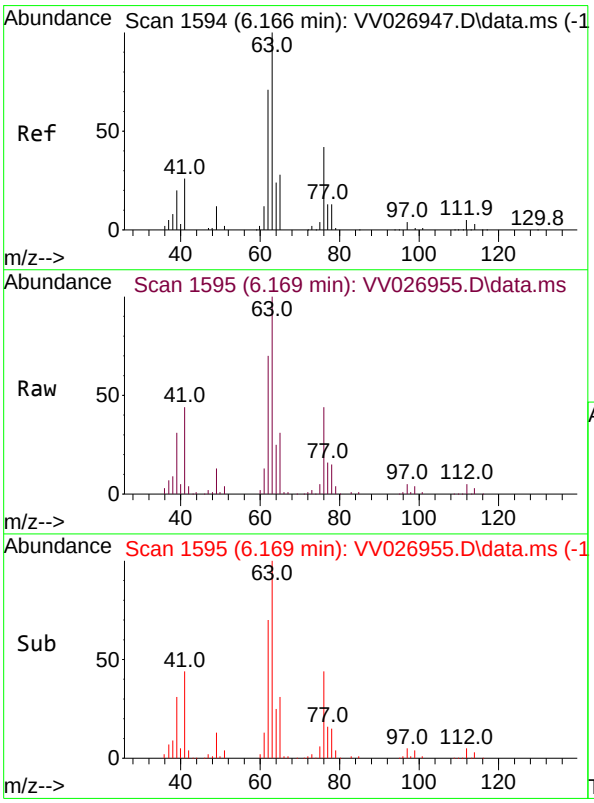



#33
Benzene
Concen: 57.252 ug/L
RT: 5.091 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV026955.D
Acq: 26 Jul 2022 16:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUF1

Tgt Ion: 78 Resp: 1024024

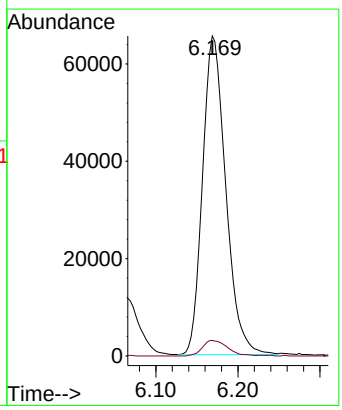


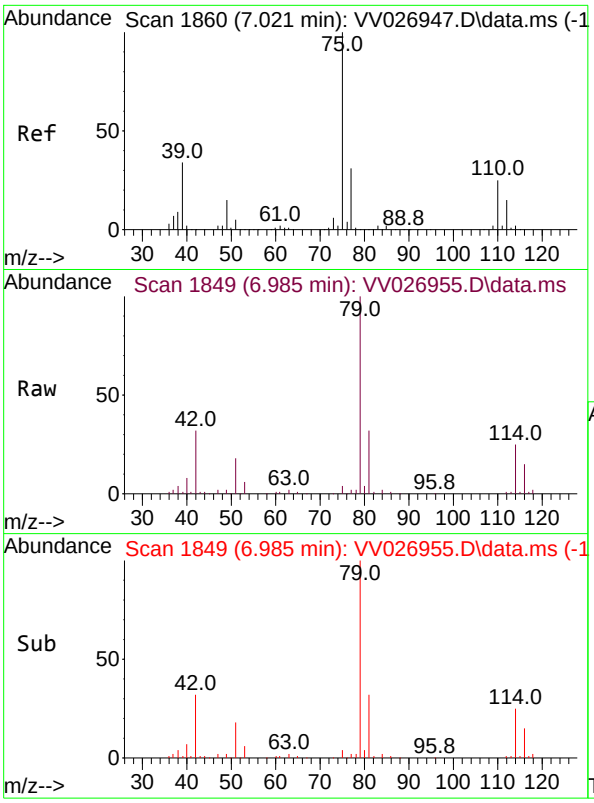




#37
1,2-Dichloropropane
Concen: 27.749 ug/L
RT: 6.169 min Scan# 1595
Delta R.T. 0.003 min
Lab File: VV026955.D
Acq: 26 Jul 2022 16:44

Tgt Ion: 63 Resp: 129178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 5.3 | 3.8 | 5.8 |



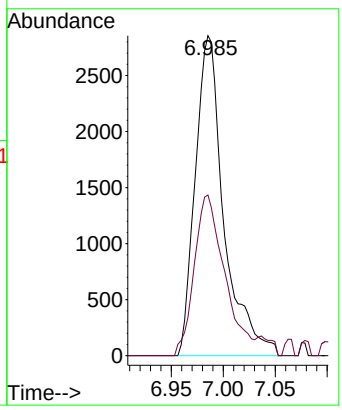


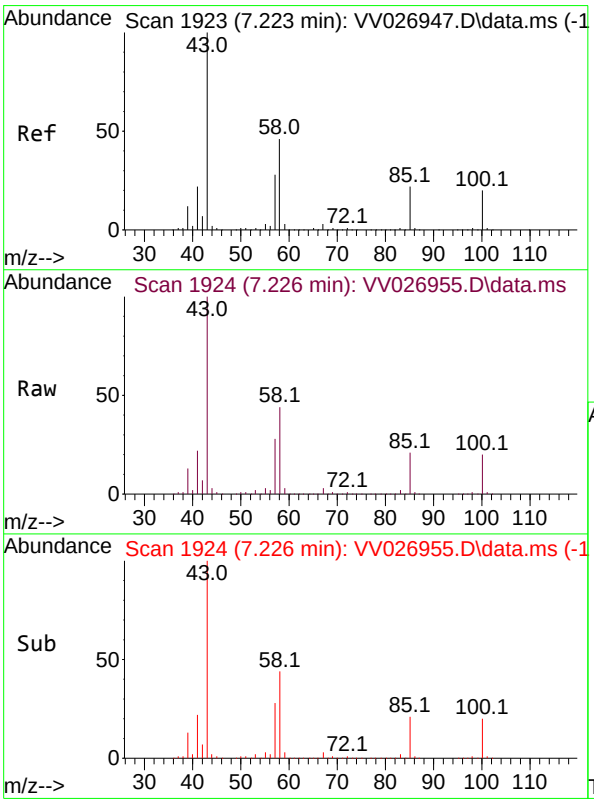

#39
cis-1,3-Dichloropropene
Concen: 0.845 ug/L
RT: 6.985 min Scan# 1
Delta R.T. -0.036 min
Lab File: VV026955.D
Acq: 26 Jul 2022 16:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUF1

Tgt Ion: 75 Resp: 5459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 50.2 | 22.4 | 41.6# |

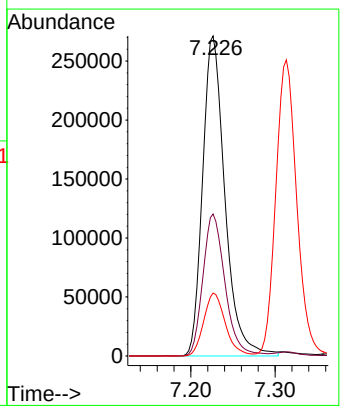


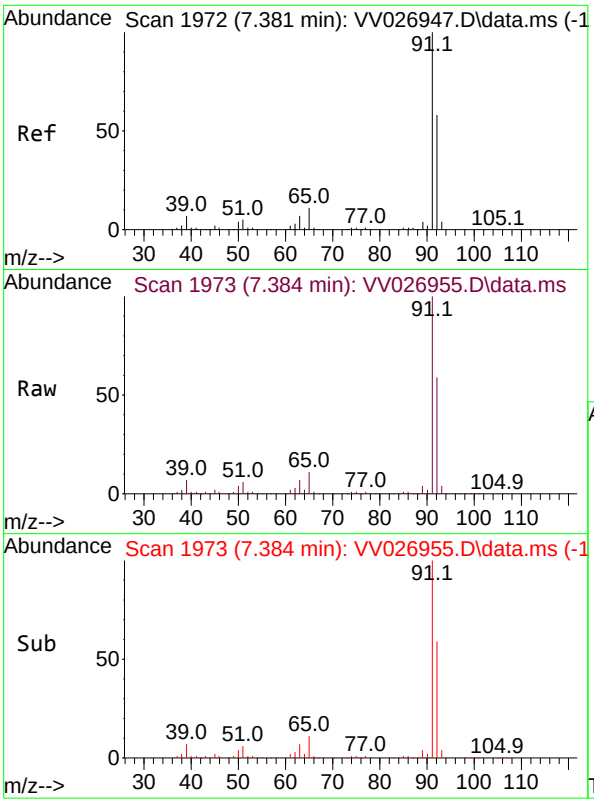




#40
4-Methyl-2-pentanone
Concen: 90.416 ug/L
RT: 7.226 min Scan# 1924
Delta R.T. 0.003 min
Lab File: VV026955.D
Acq: 26 Jul 2022 16:44

Tgt Ion: 43 Resp: 500901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 43.9 | 35.0 | 52.6 |
| 100 | 19.1 | 15.4 | 23.0 |



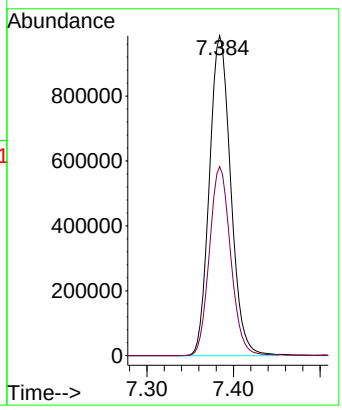


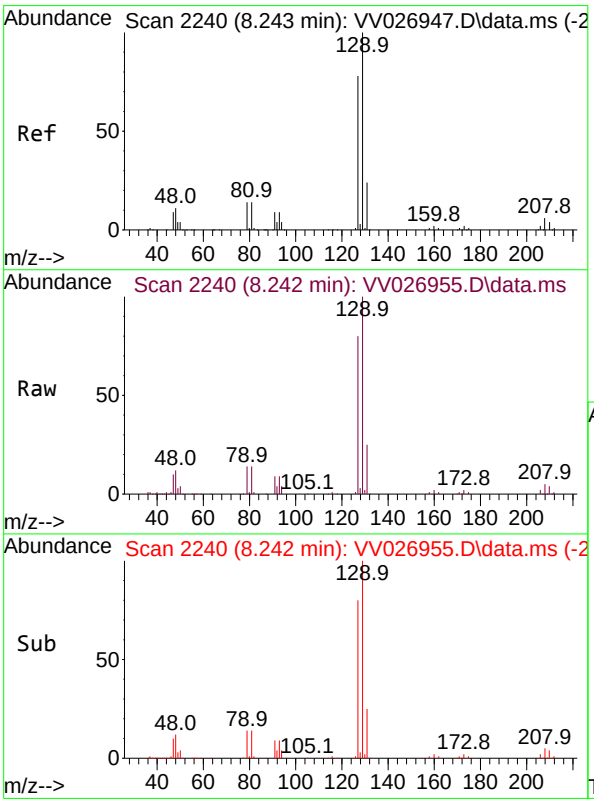

#42
Toluene
Concen: 92.359 ug/L
RT: 7.384 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV026955.D
Acq: 26 Jul 2022 16:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUF1

Tgt Ion: 91 Resp: 1686171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 59.1 | 40.5 | 75.1 |

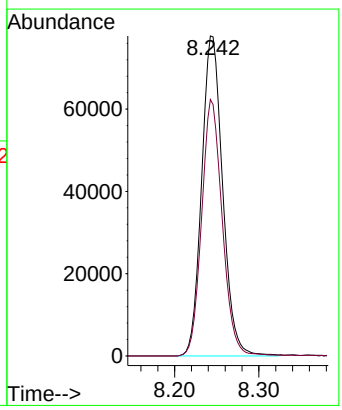


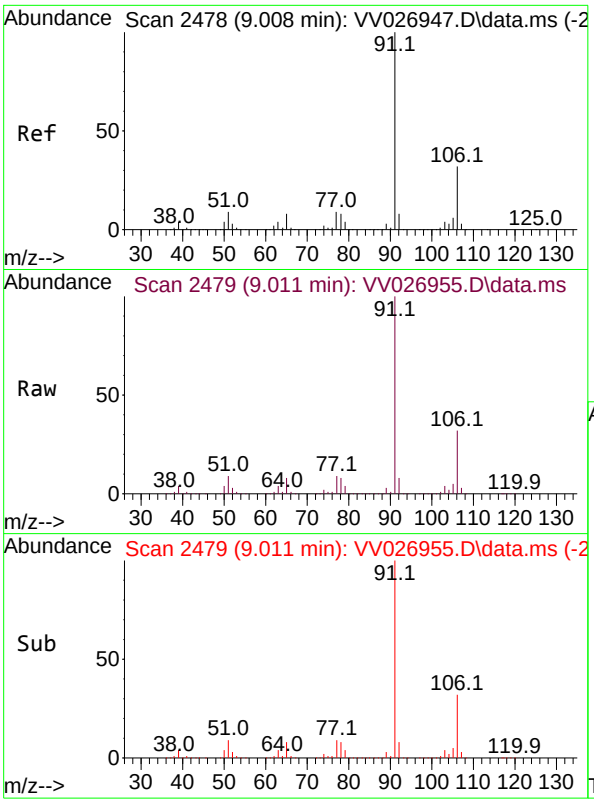




#49
Dibromochloromethane
Concen: 26.064 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV026955.D
Acq: 26 Jul 2022 16:44

Tgt Ion:129 Resp: 135055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 80.1 | 53.7 | 99.7 |



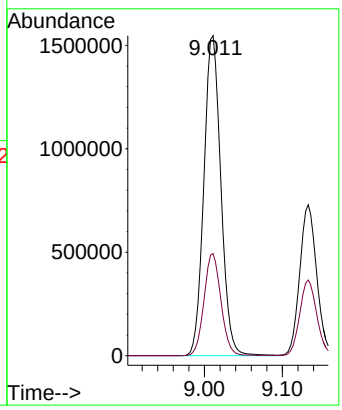


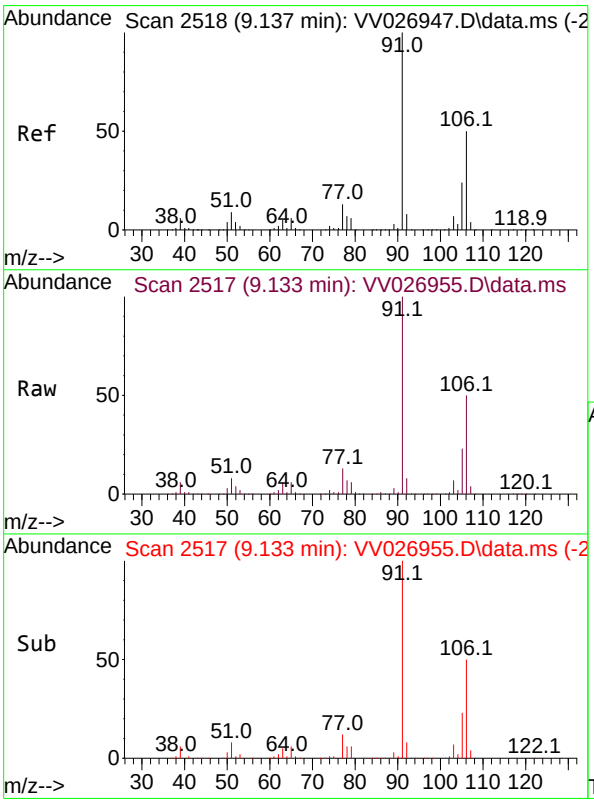

#52
Ethylbenzene
Concen: 123.853 ug/L
RT: 9.011 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV026955.D
Acq: 26 Jul 2022 16:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUF1

Tgt Ion: 91 Resp: 2347071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.9 | 22.0 | 40.8 |

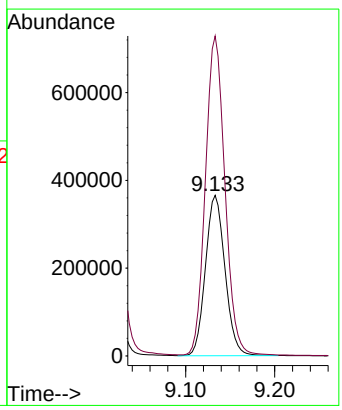


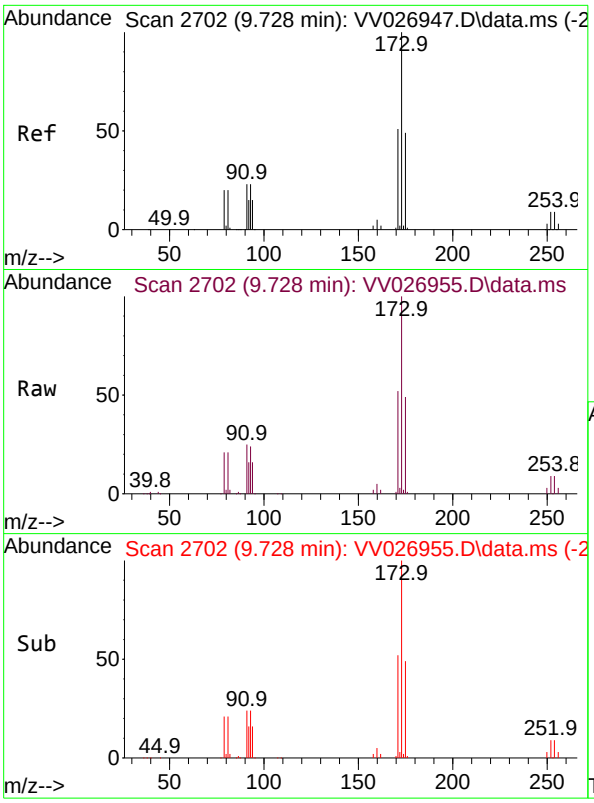




#53
m,p-Xylene
Concen: 74.978 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV026955.D
Acq: 26 Jul 2022 16:44

Tgt Ion:106 Resp: 556346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 199.2 | 140.0 | 260.0 |






#59
Bromoform
Concen: 37.193 ug/L
RT: 9.728 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV026955.D
Acq: 26 Jul 2022 16:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
DBUF1

Tgt Ion:173 Resp: 110146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.6 | 38.6 | 57.8 |
| 254 | 8.7 | 6.6 | 10.0 |